

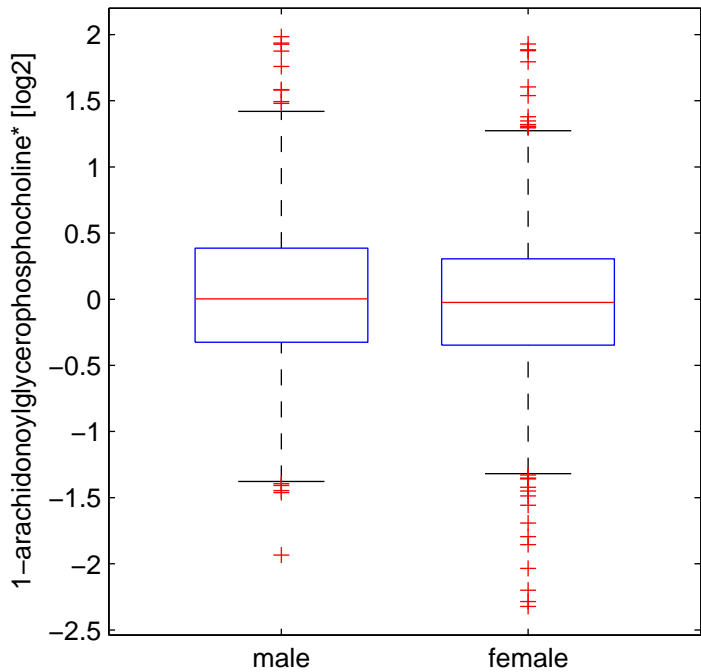
Boxplots of metabolite and pathway differences for KORA and the SHIP replication cohort.

Contents:

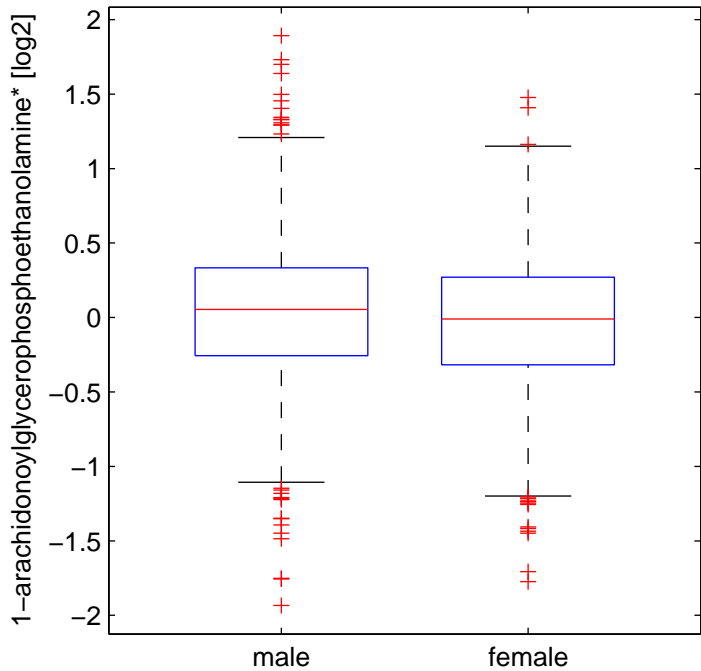
- KORA metabolite boxplots
- KORA pathway boxplots
- SHIP metabolite boxplots
- SHIP pathway boxplots

KORA metabolite boxplots

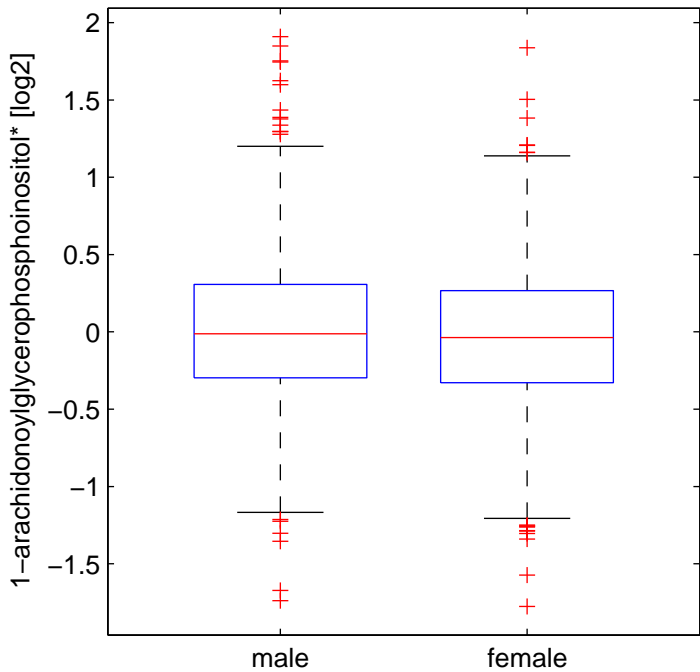
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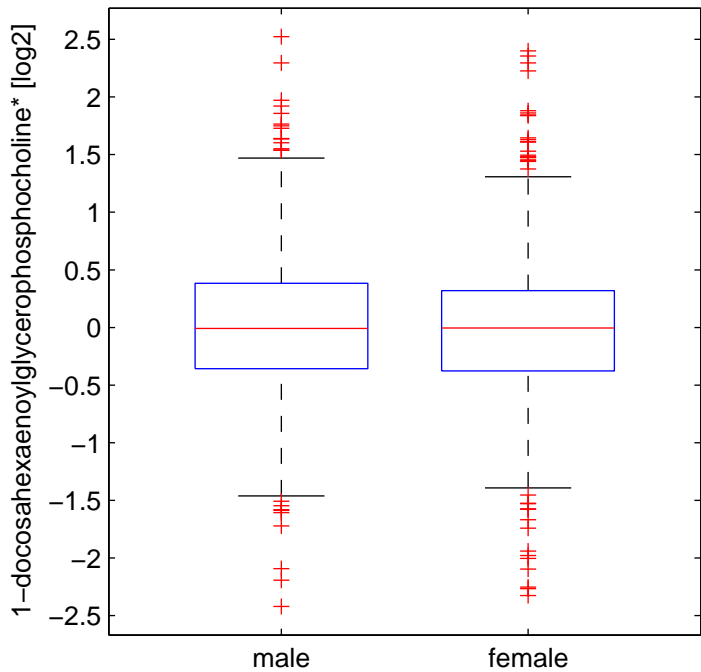
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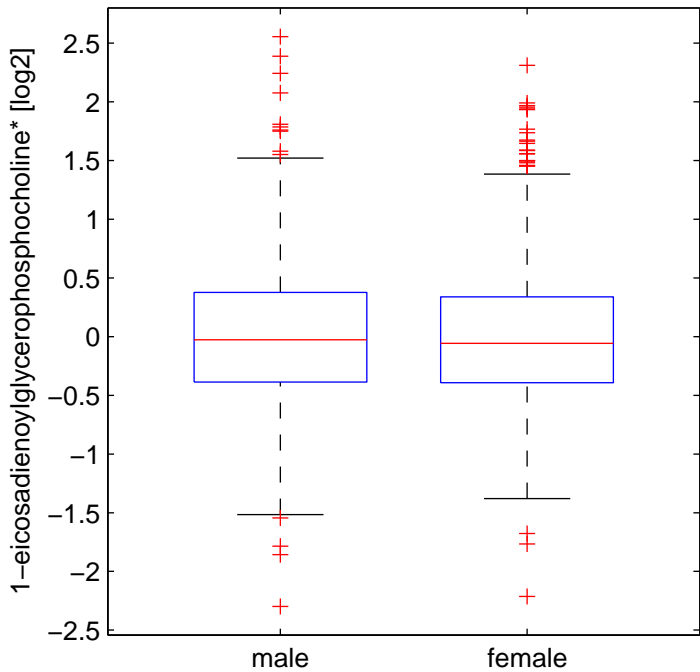
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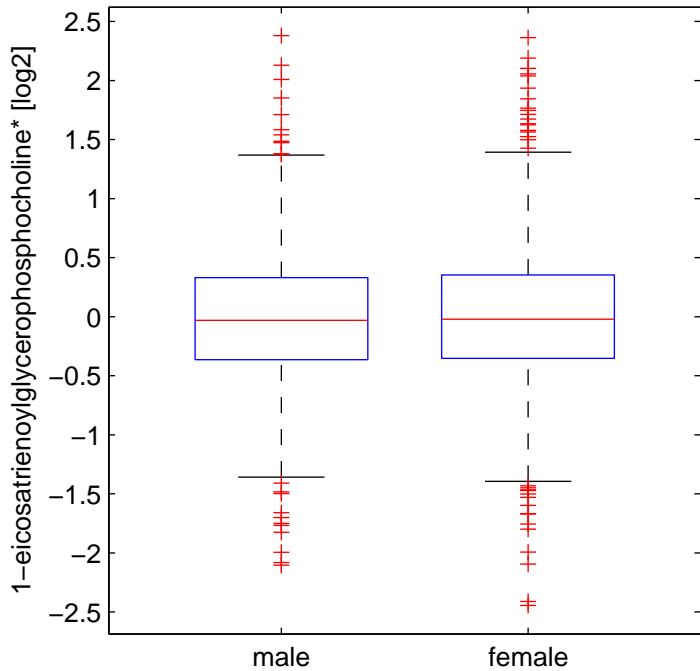
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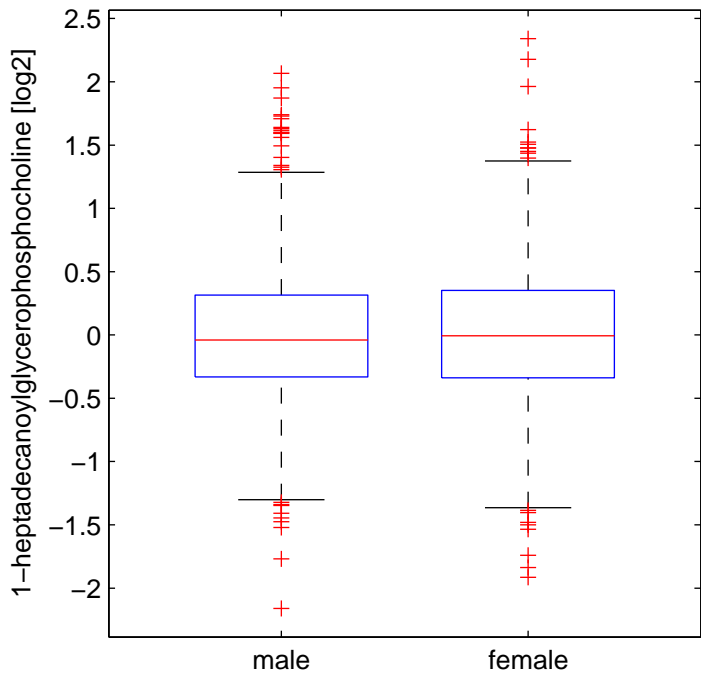
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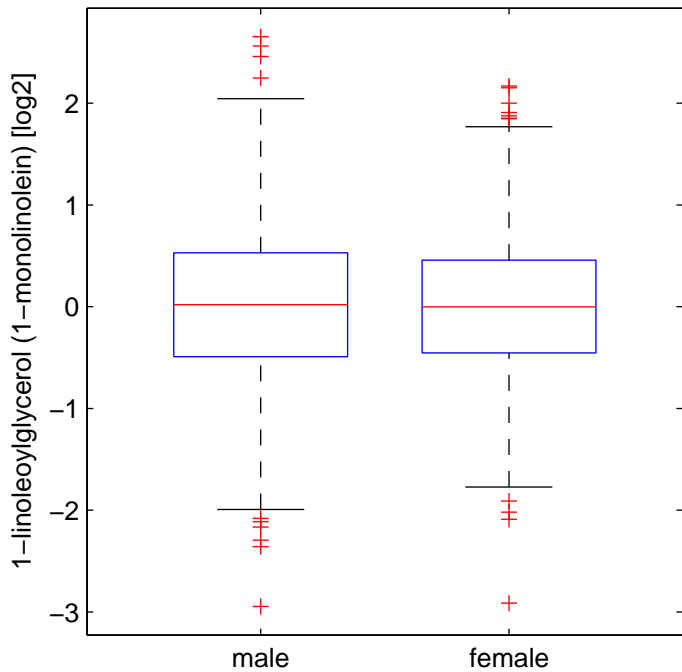
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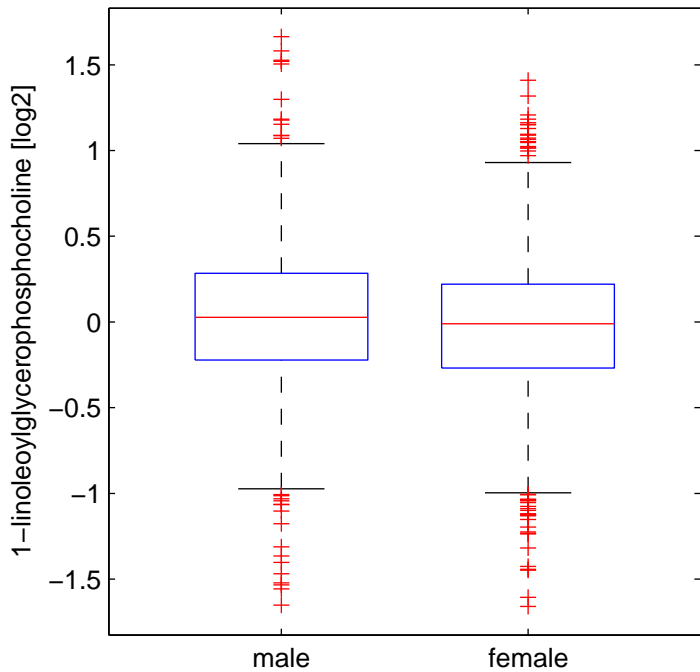
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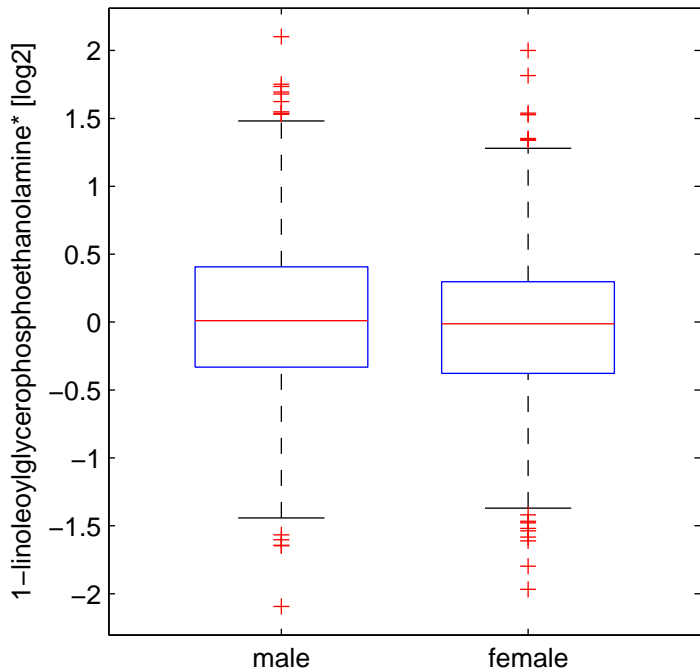
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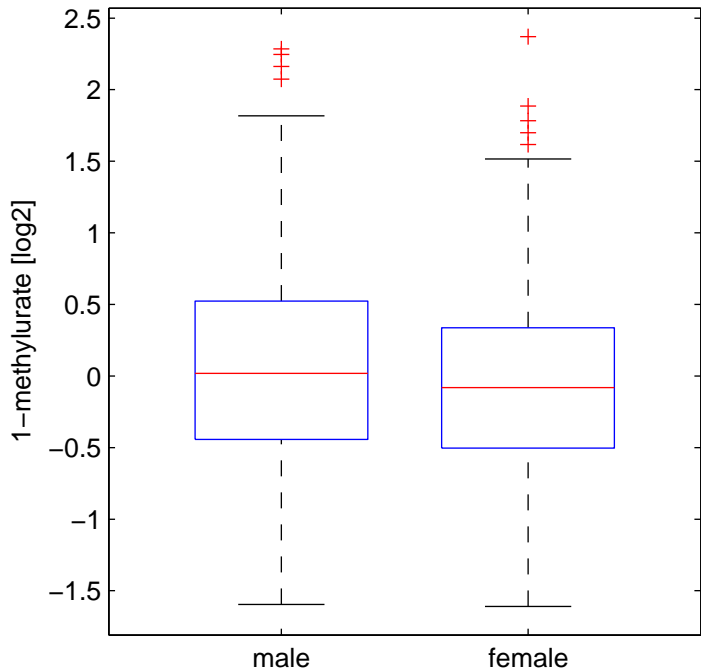
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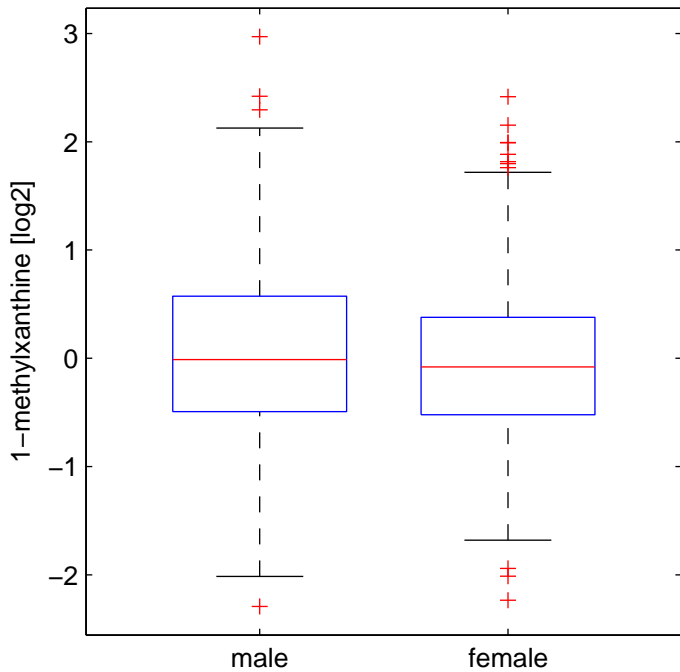
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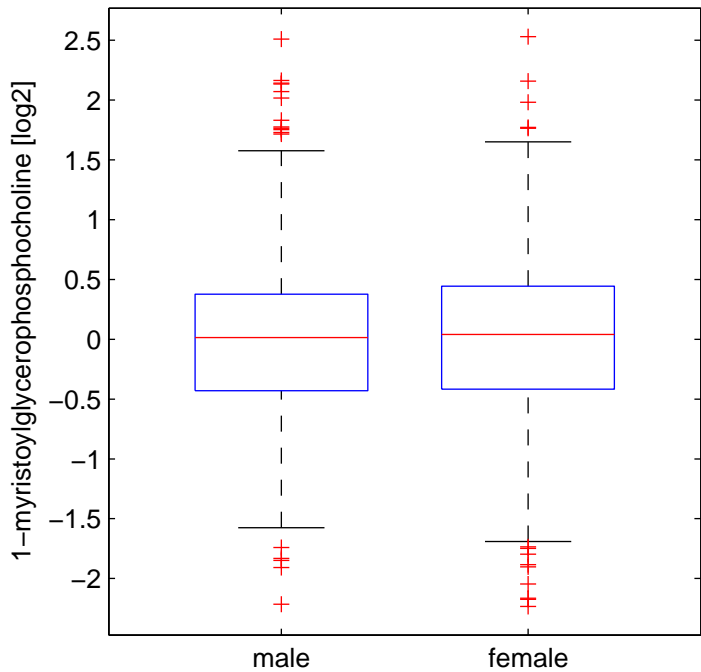
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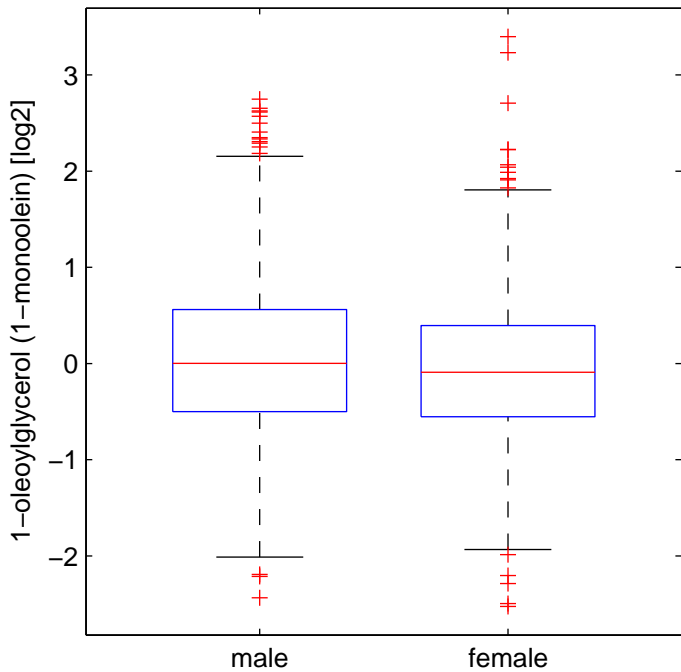
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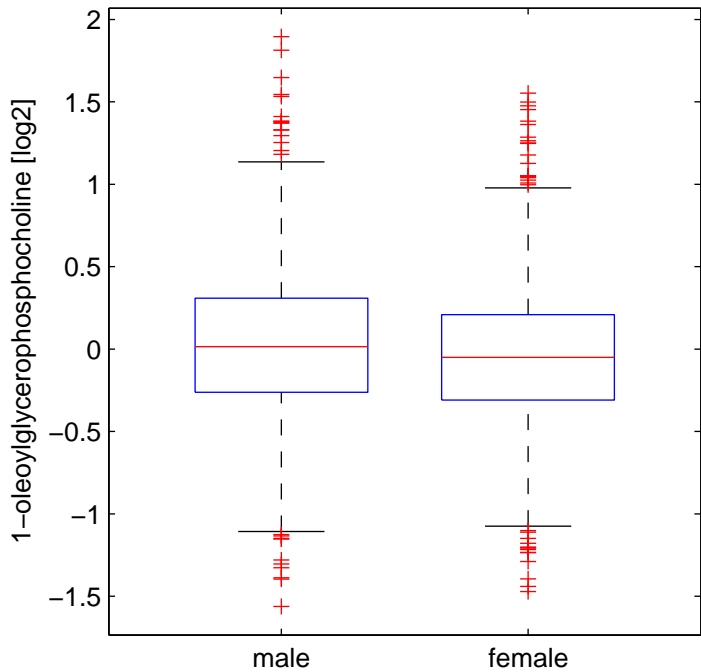
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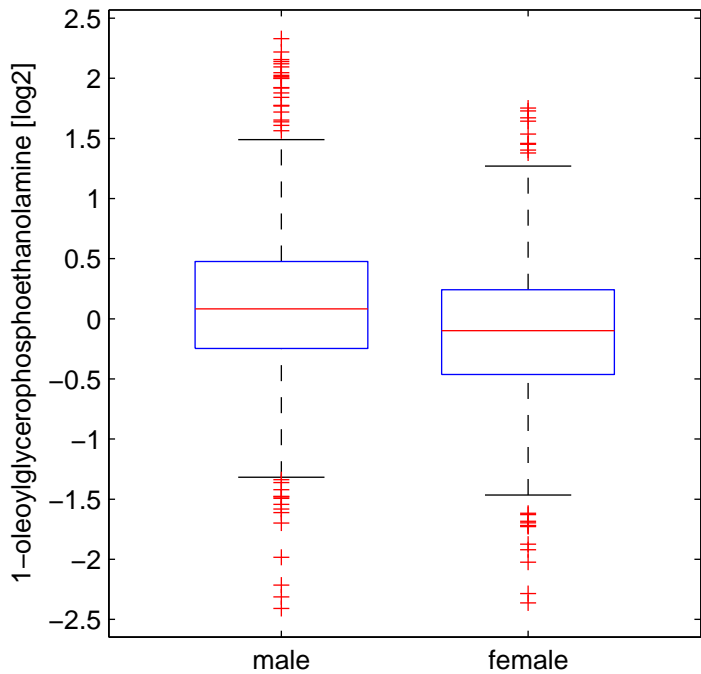
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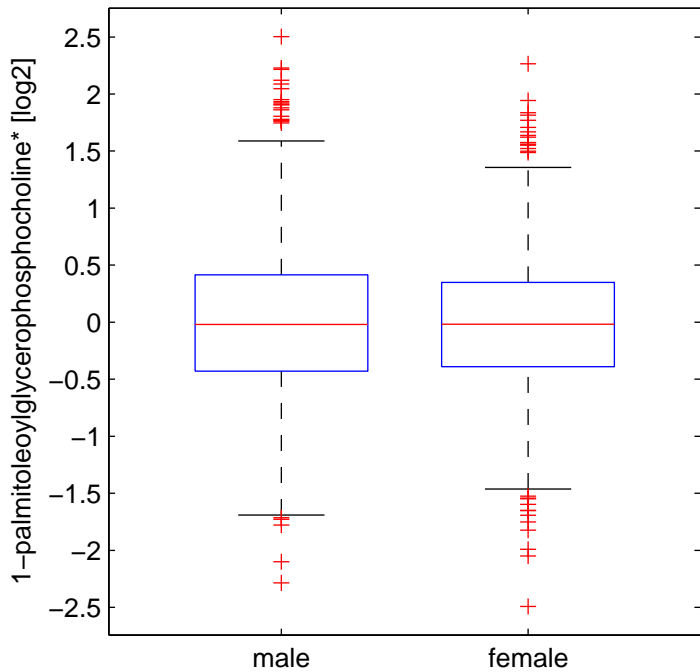
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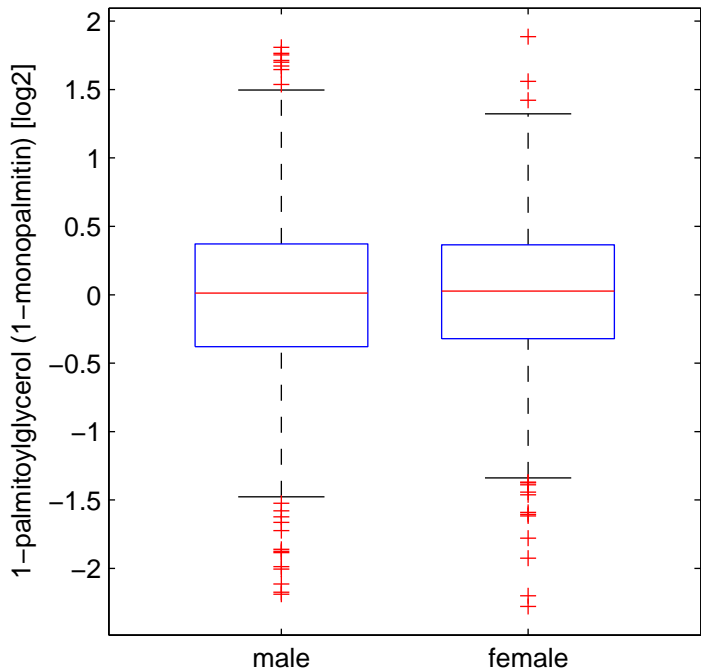
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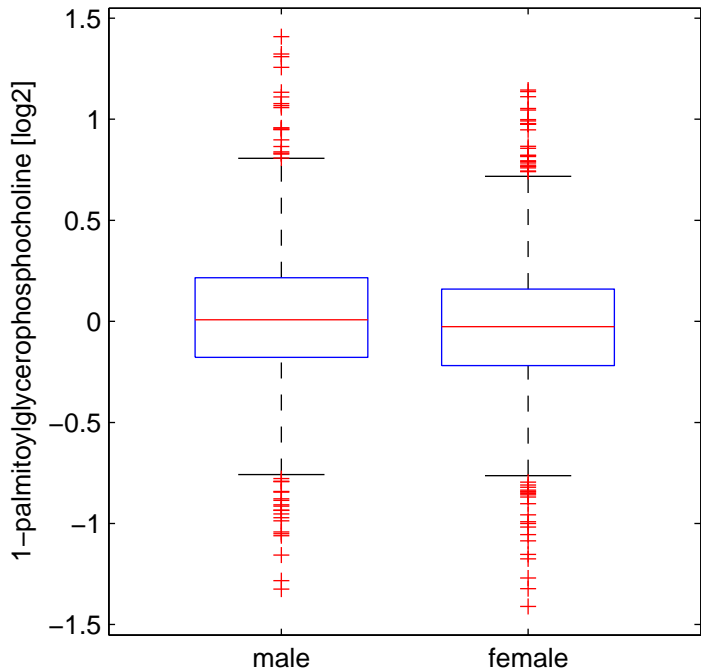
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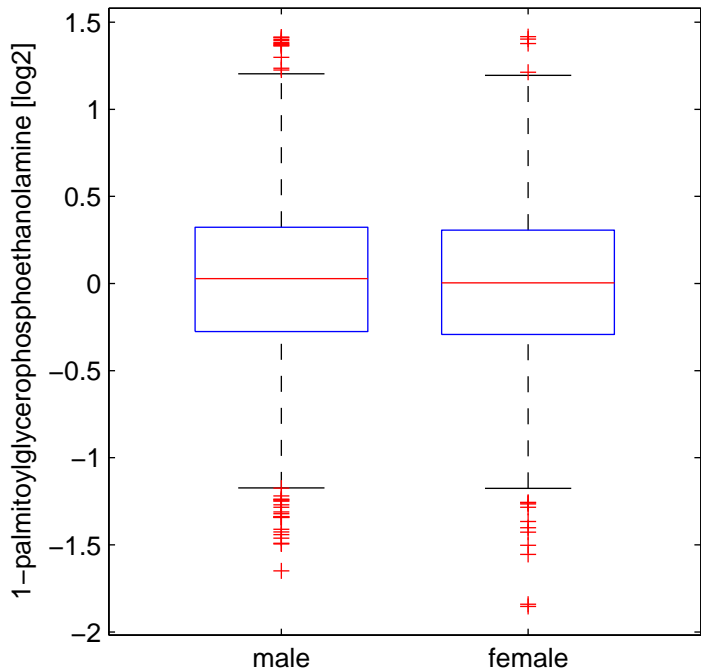
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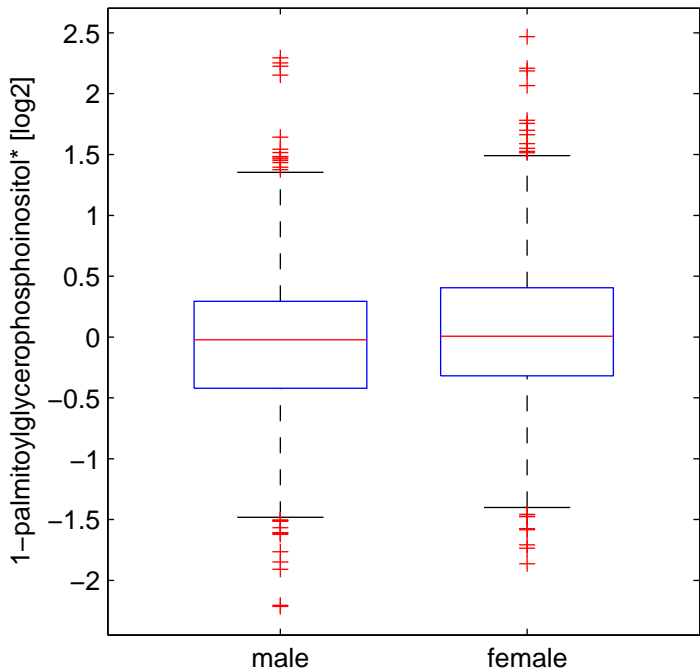
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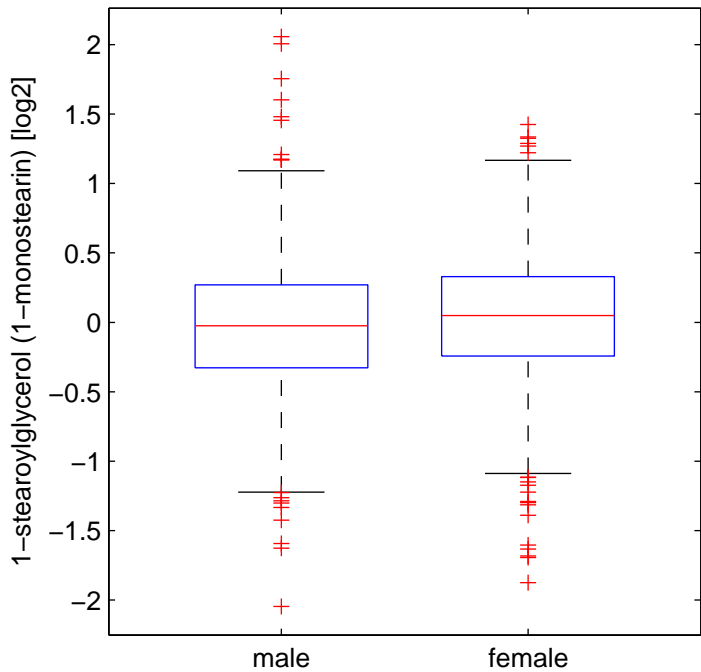
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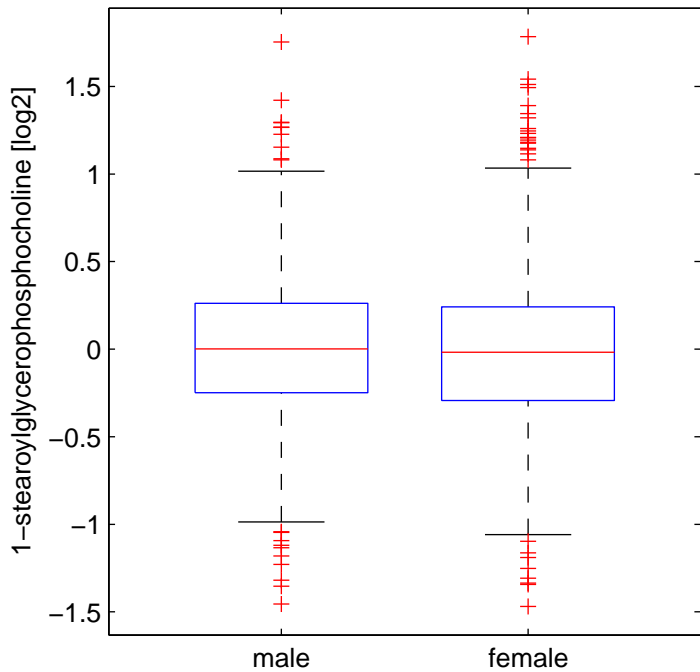
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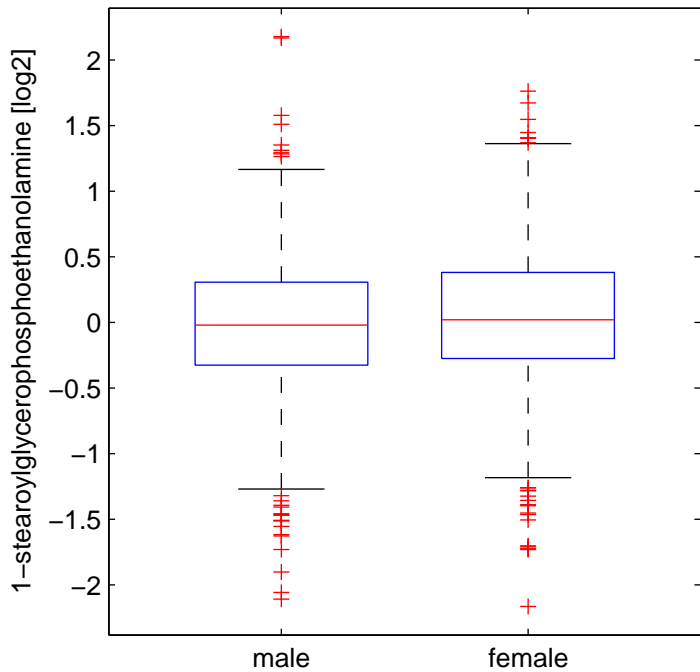
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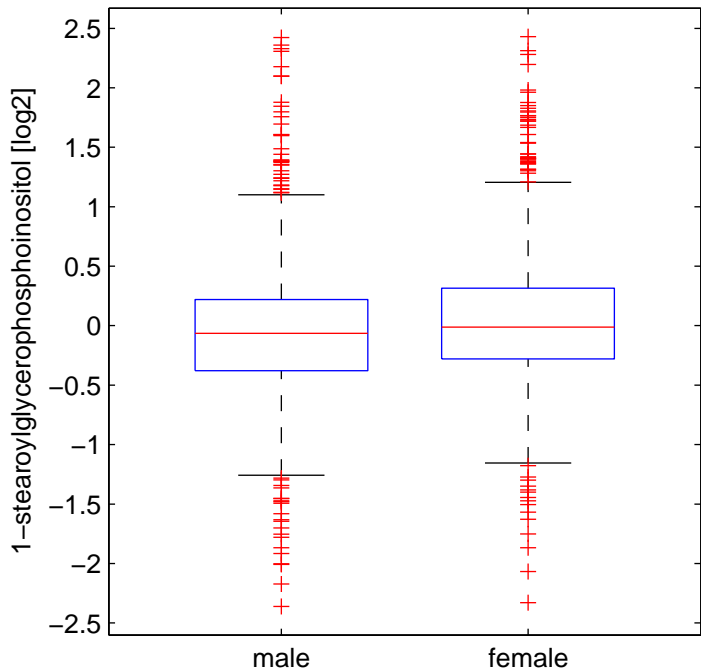
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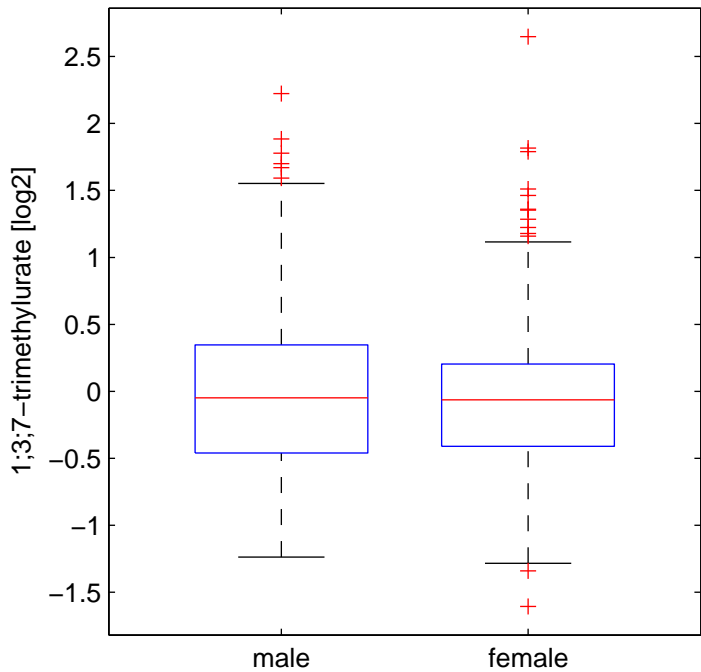
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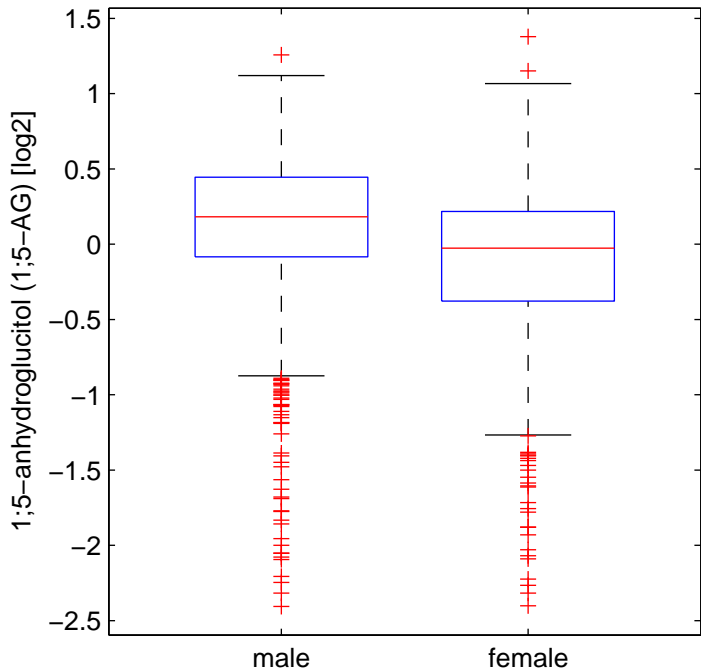
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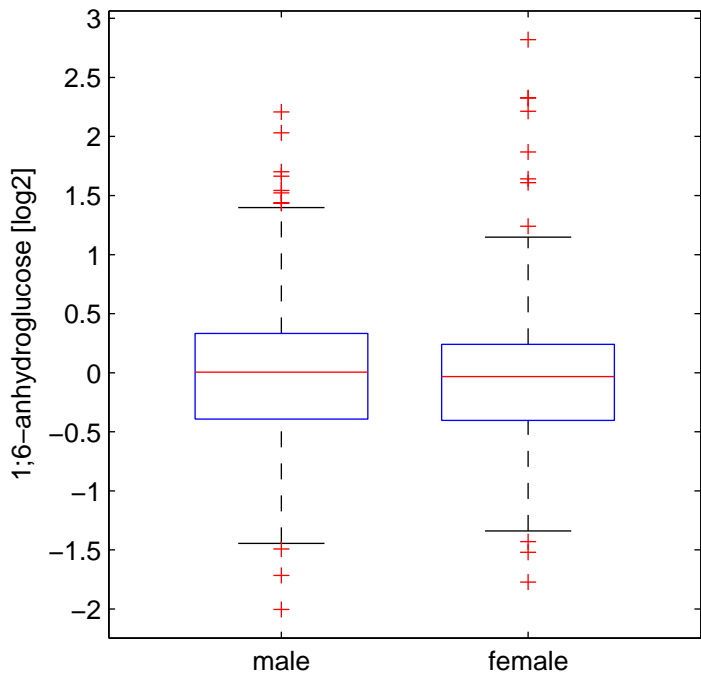
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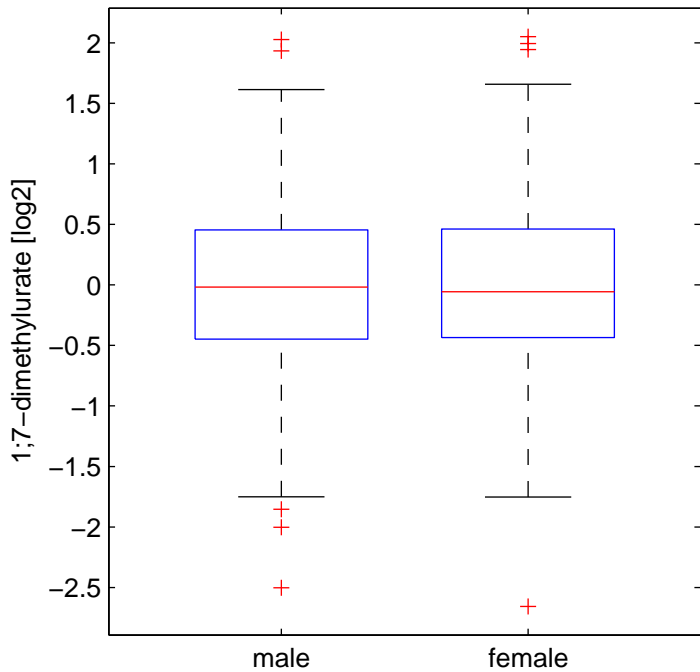
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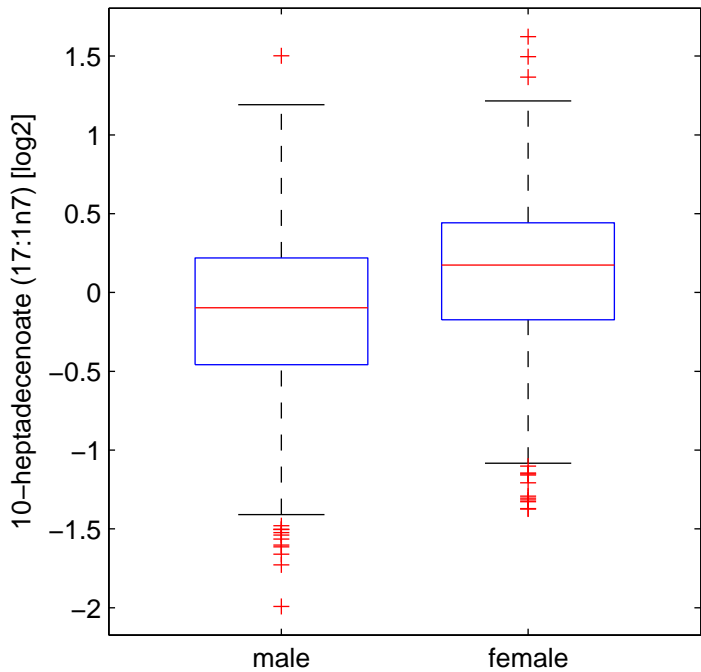
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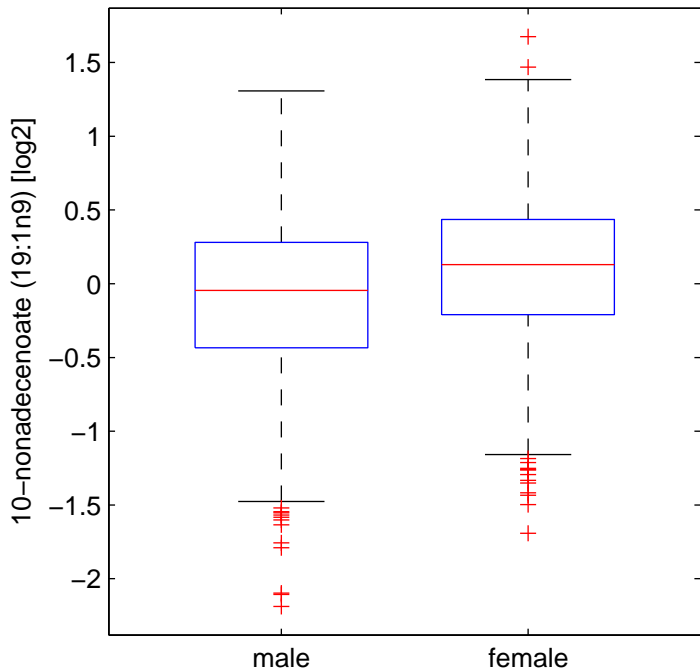
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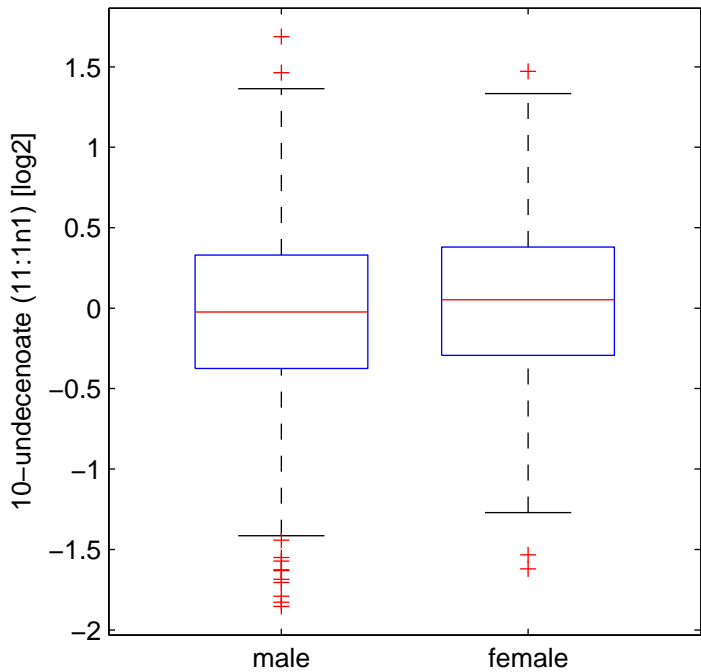
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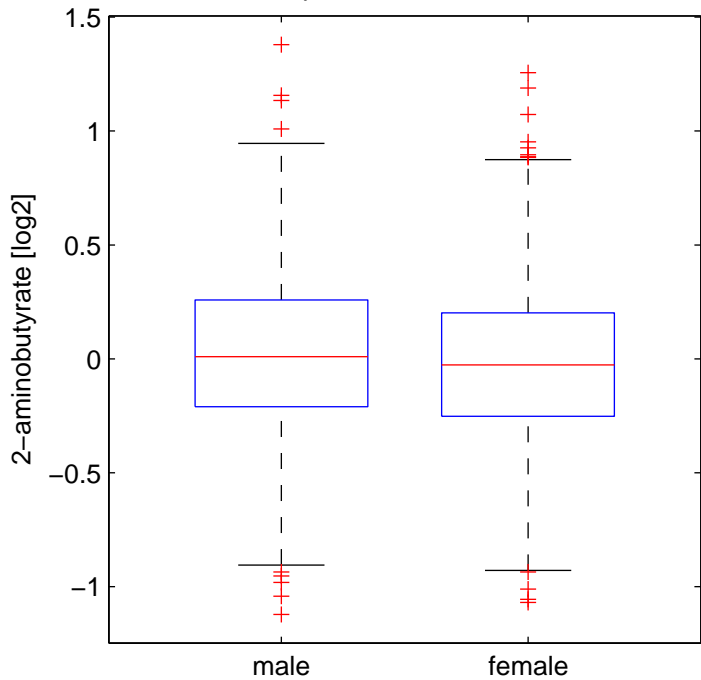
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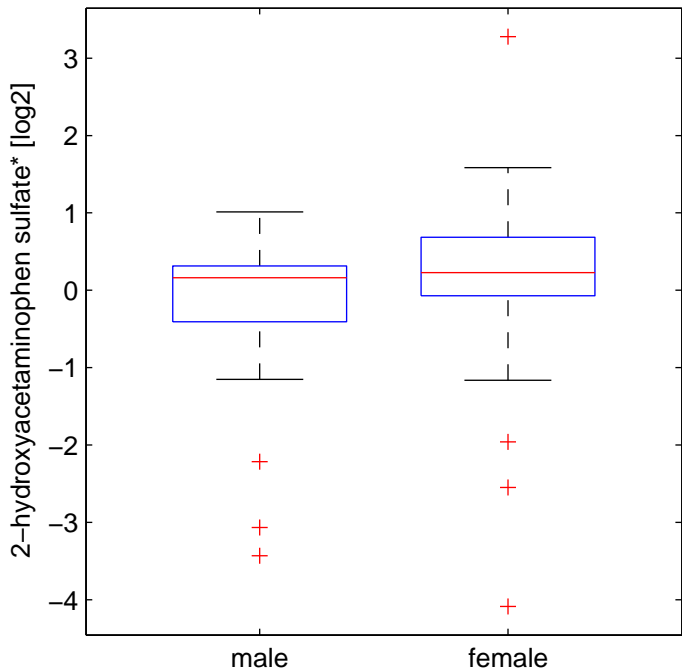
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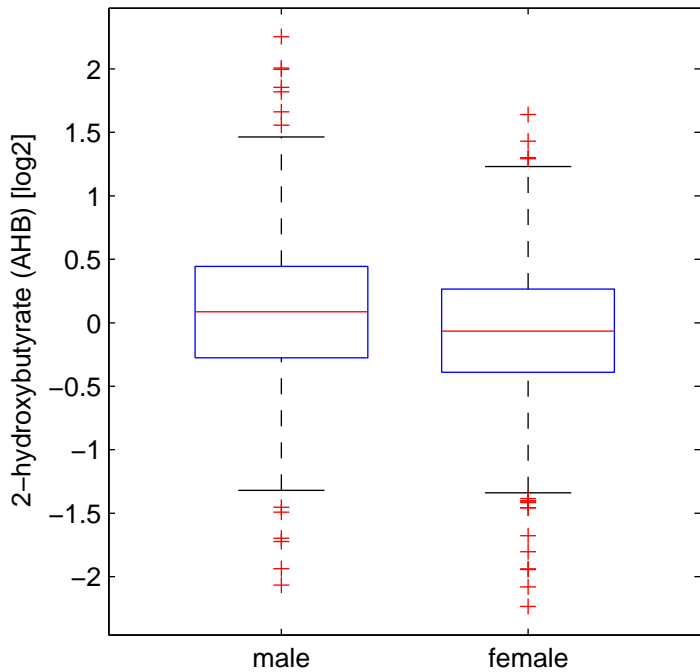
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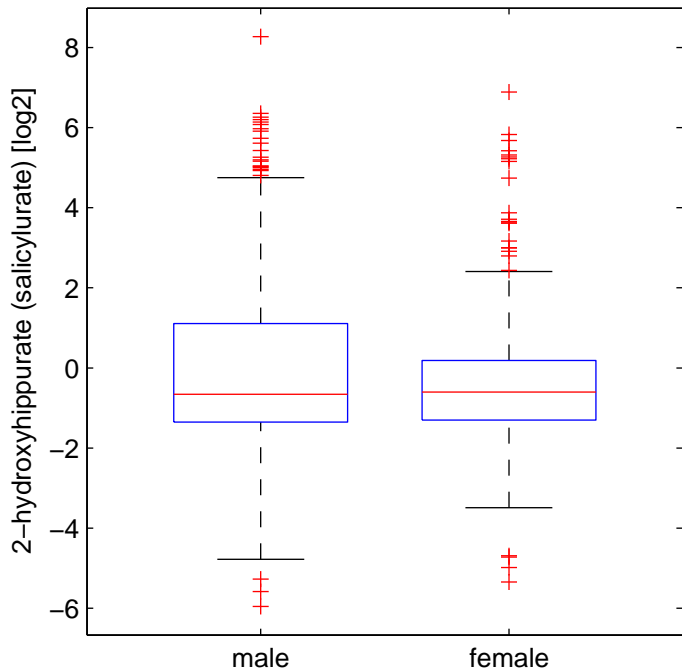
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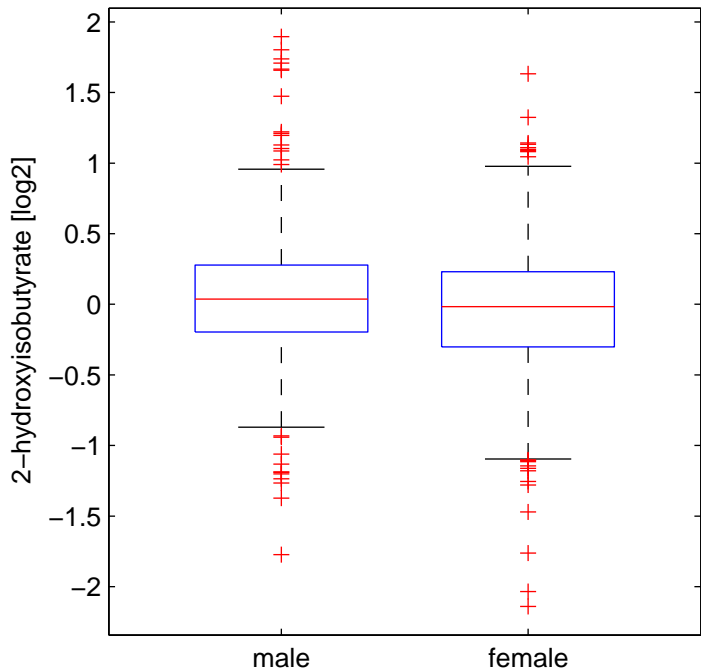
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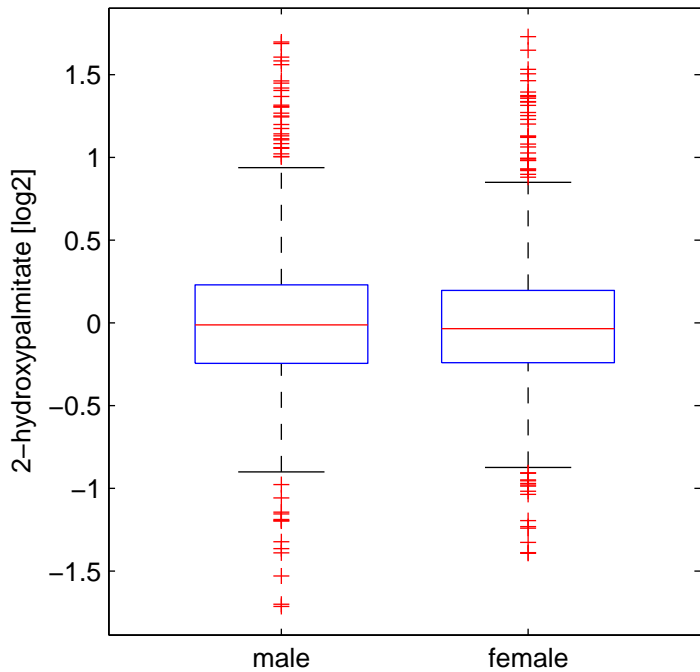
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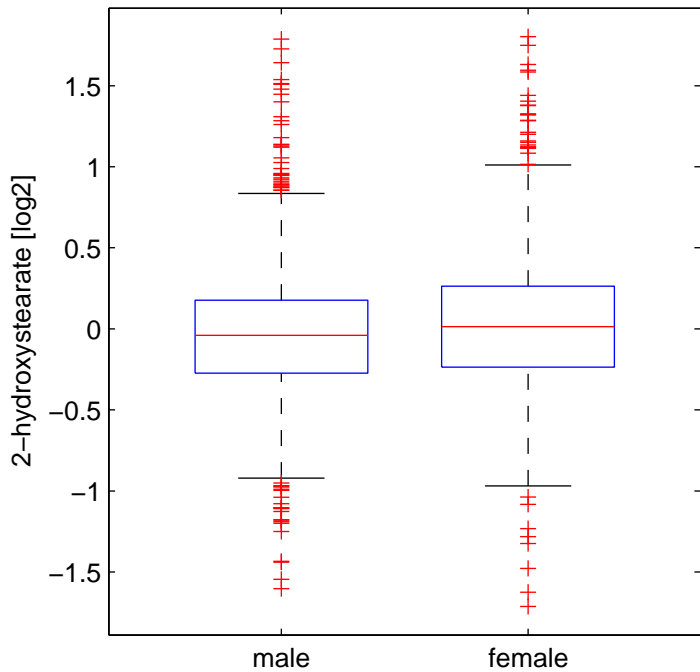
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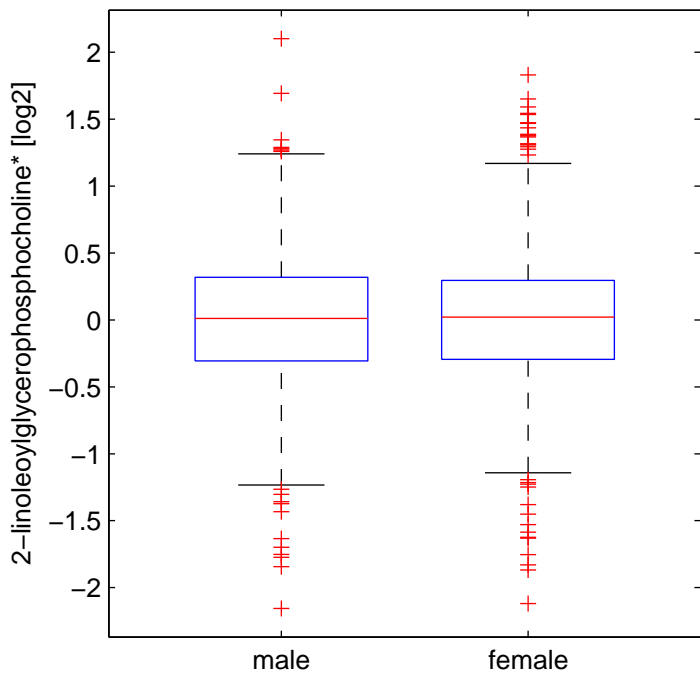
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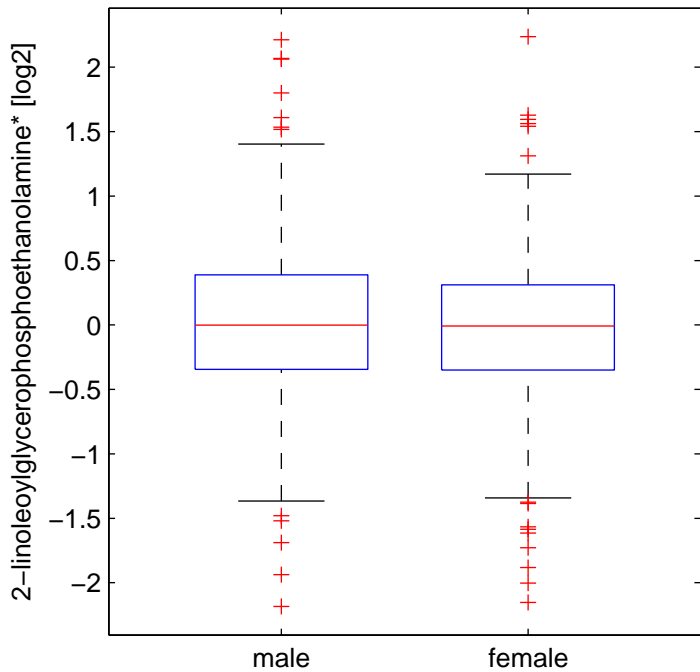
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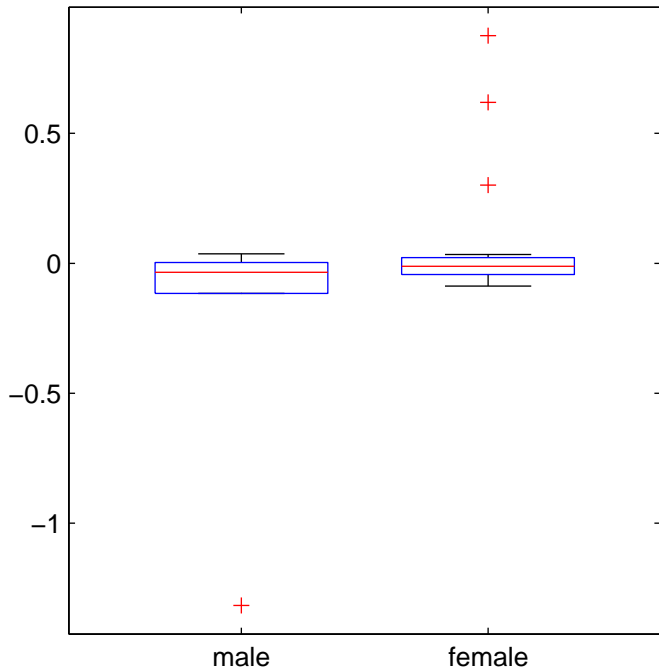


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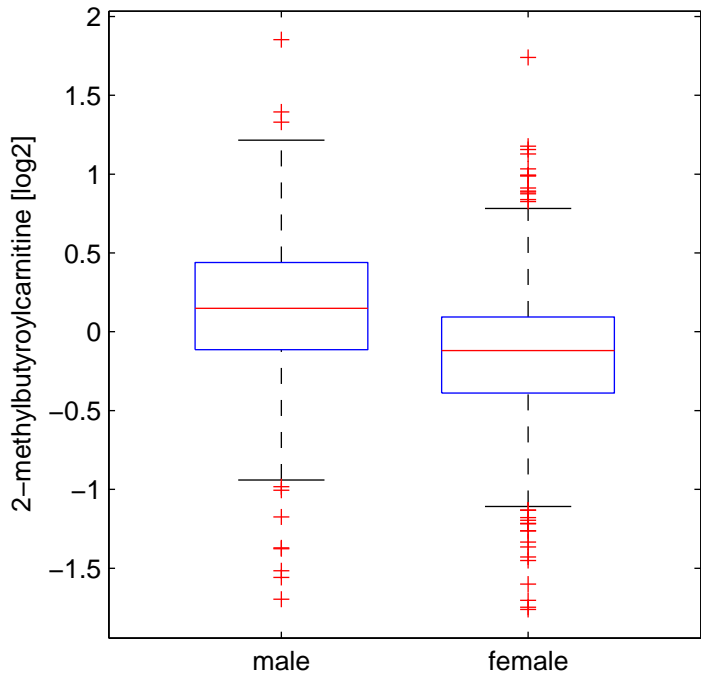


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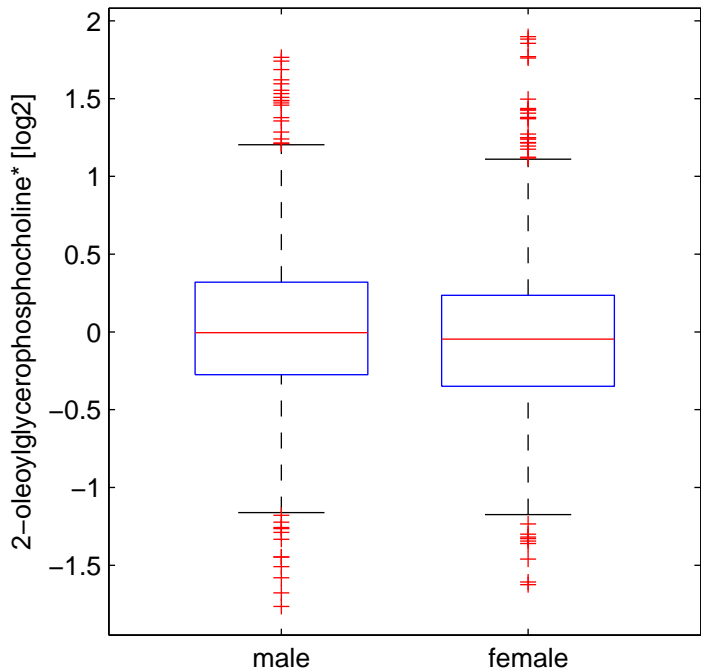
2-methoxyacetaminophen sulfate* [log2]



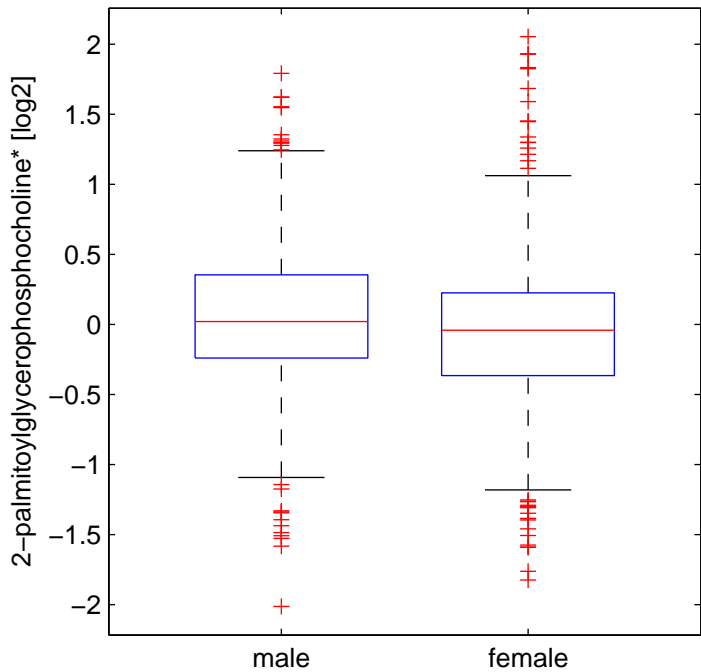
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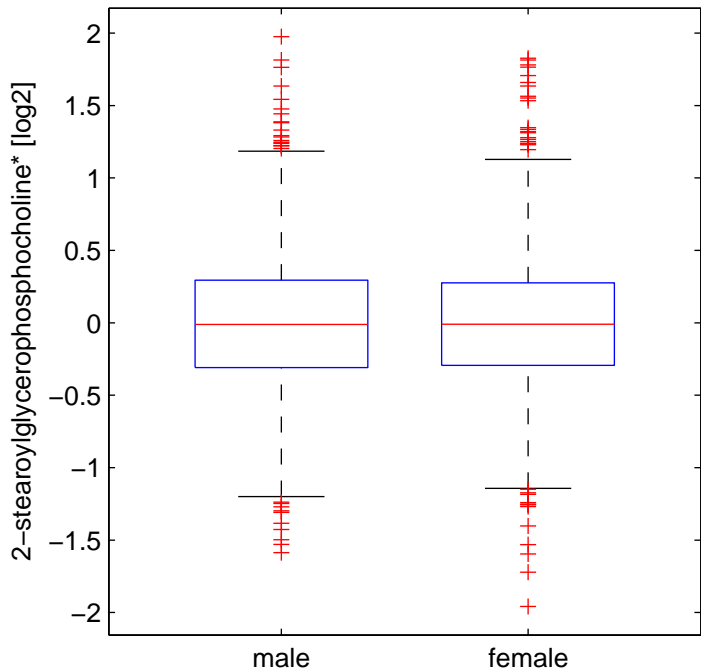
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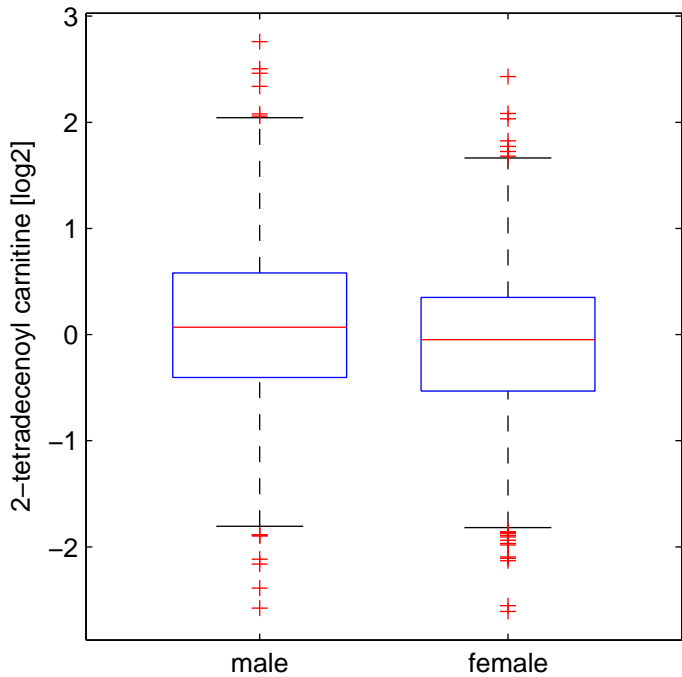
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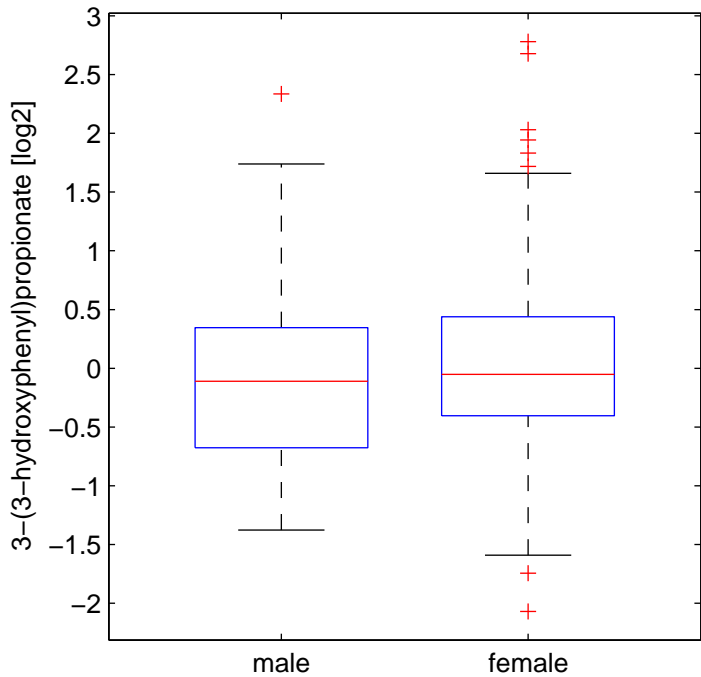
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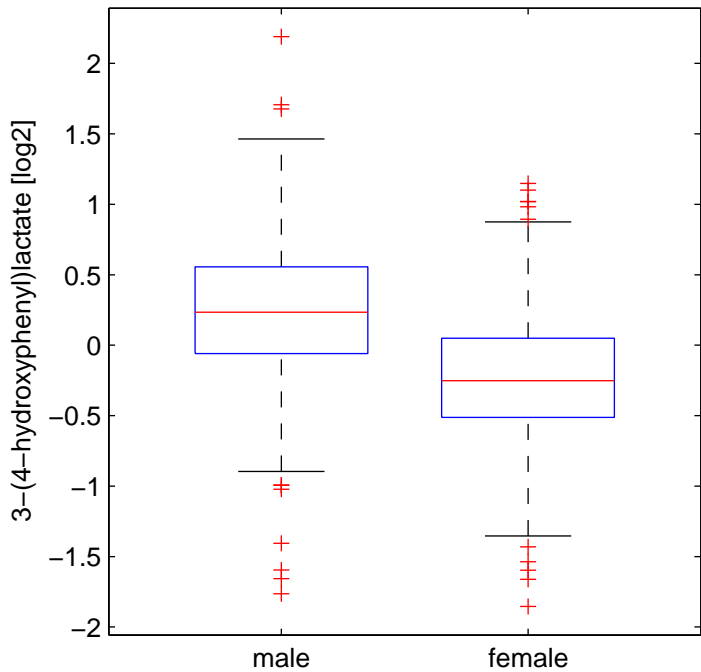
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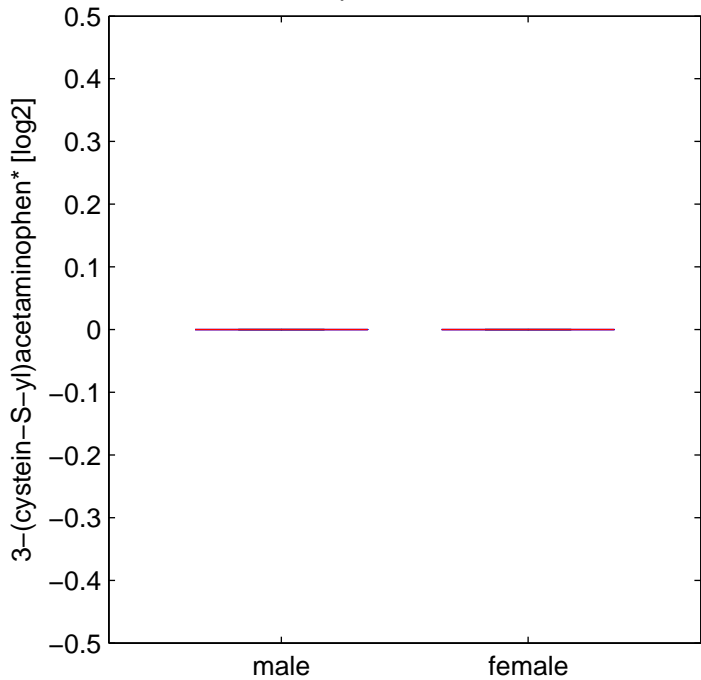
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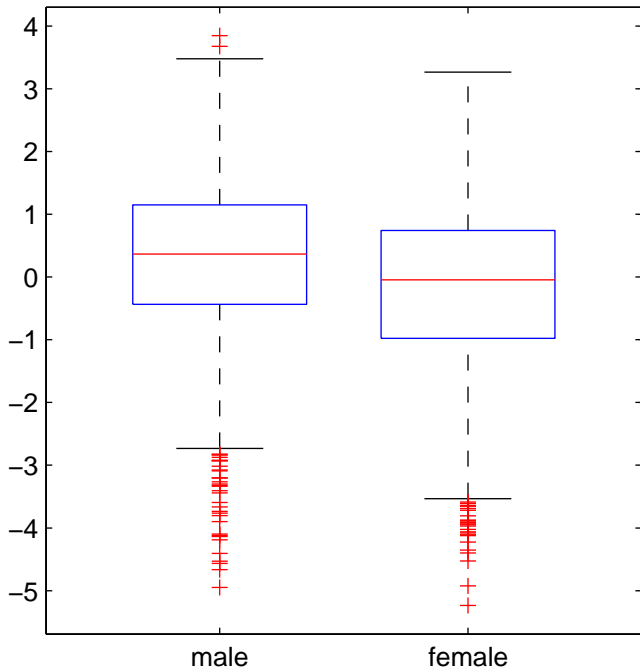


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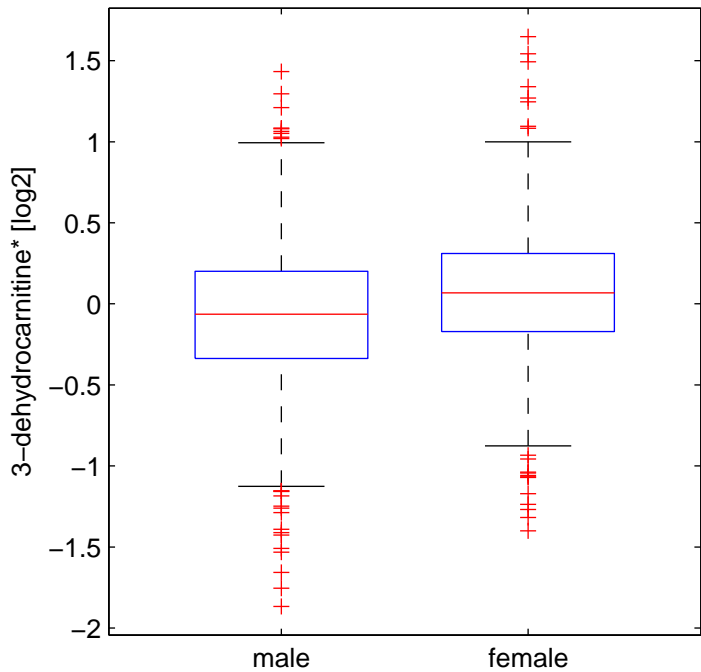


3-carboxy-4-methyl-5-propyl-2-furanpropanoate [log2]

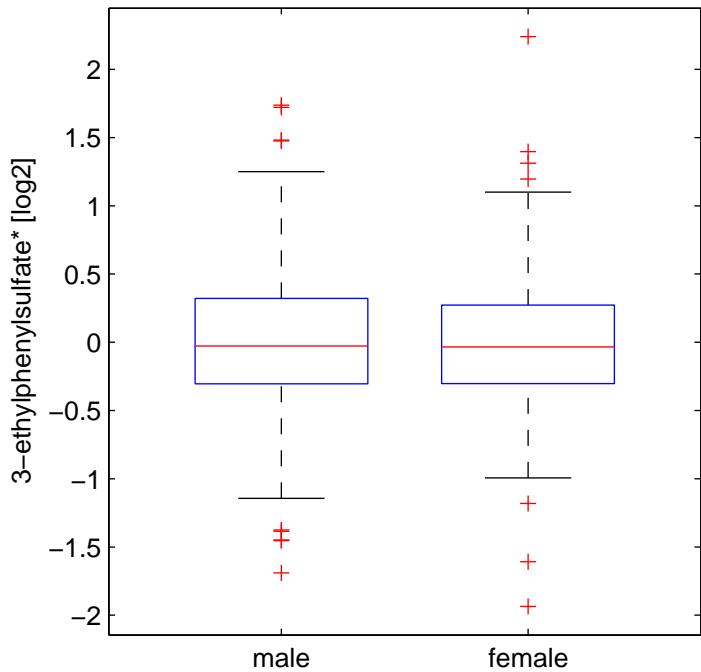
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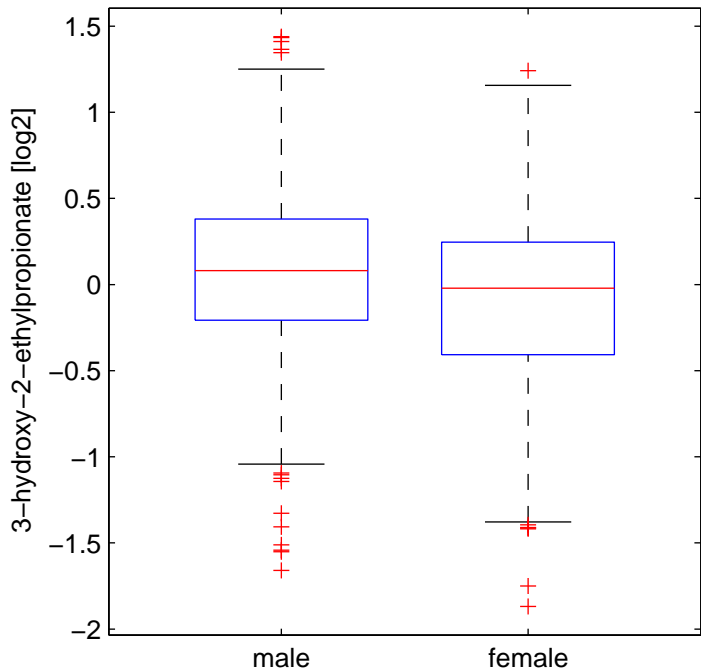
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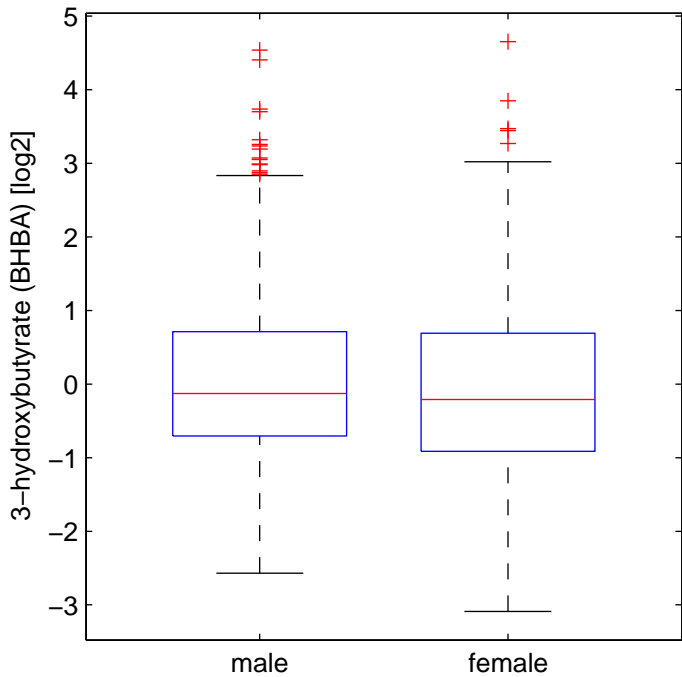
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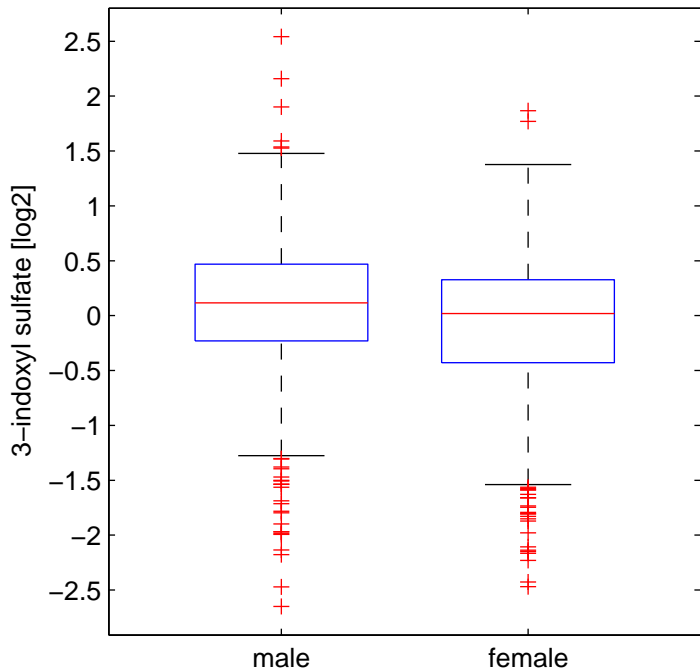
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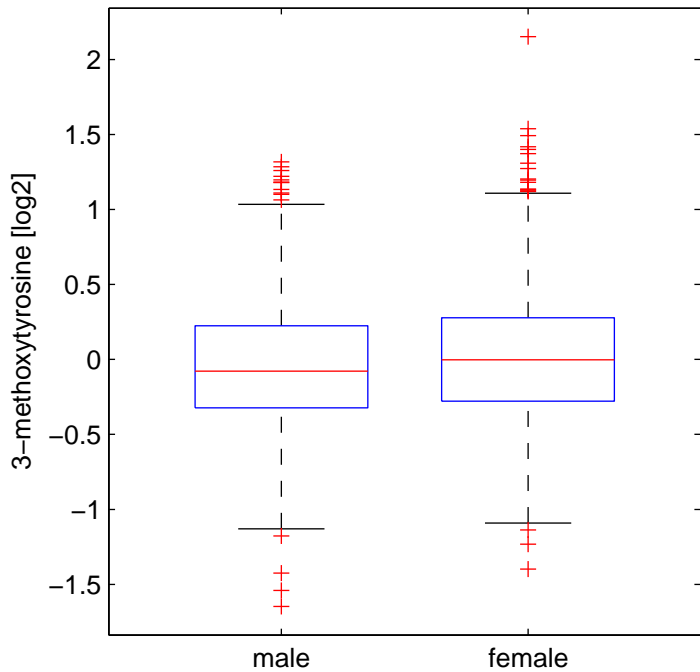
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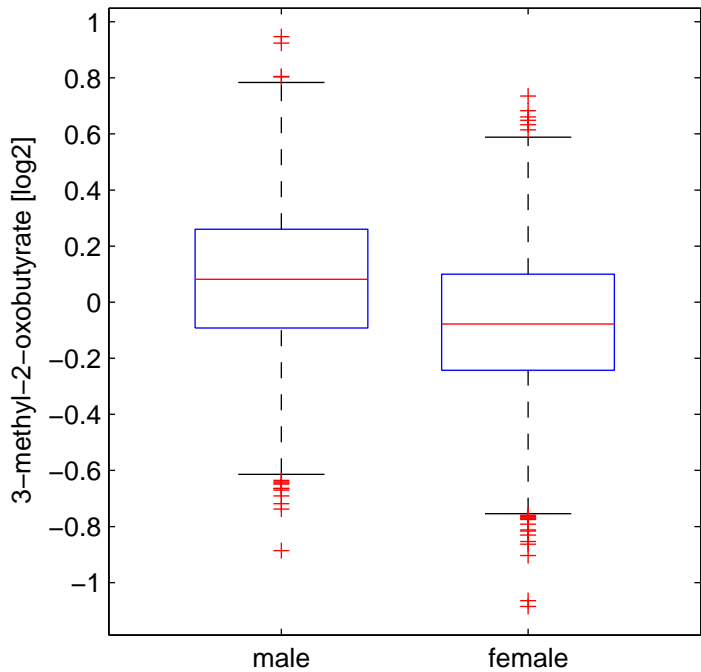
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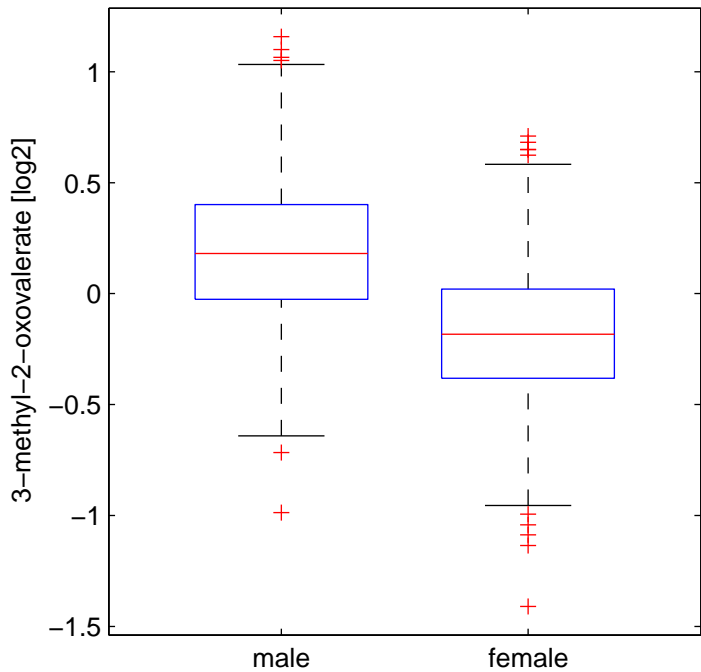
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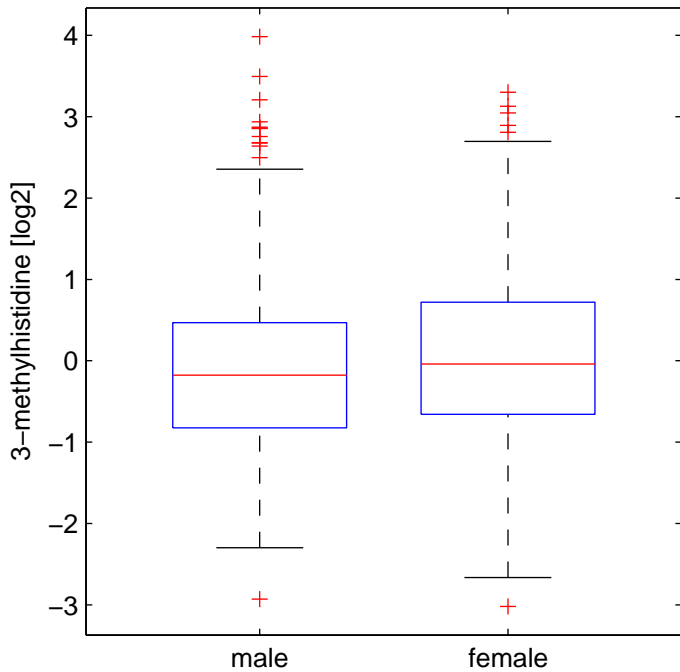
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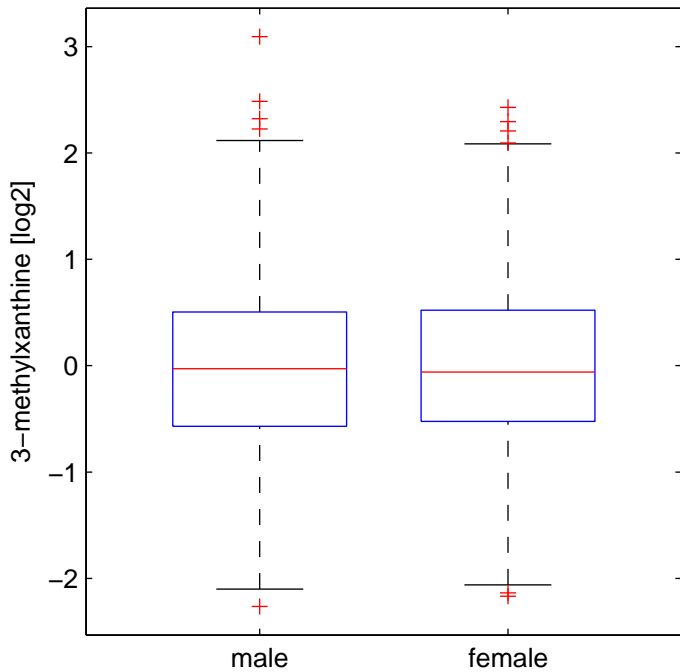
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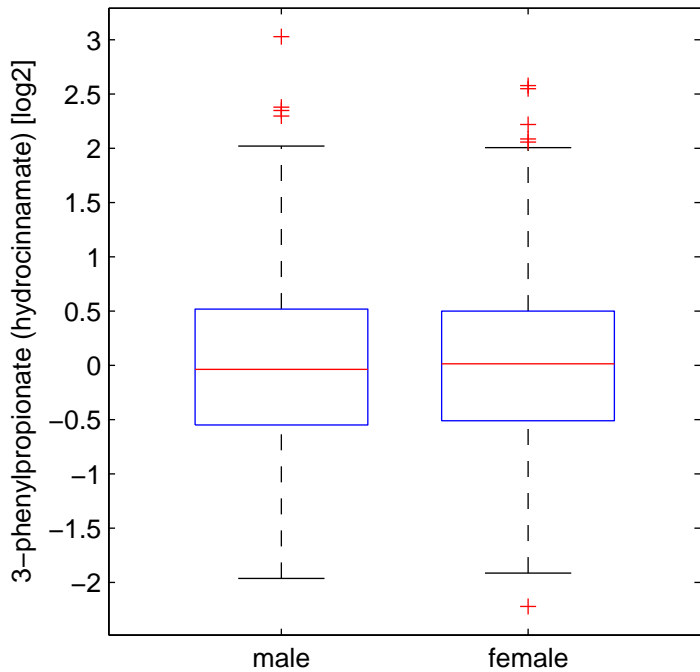
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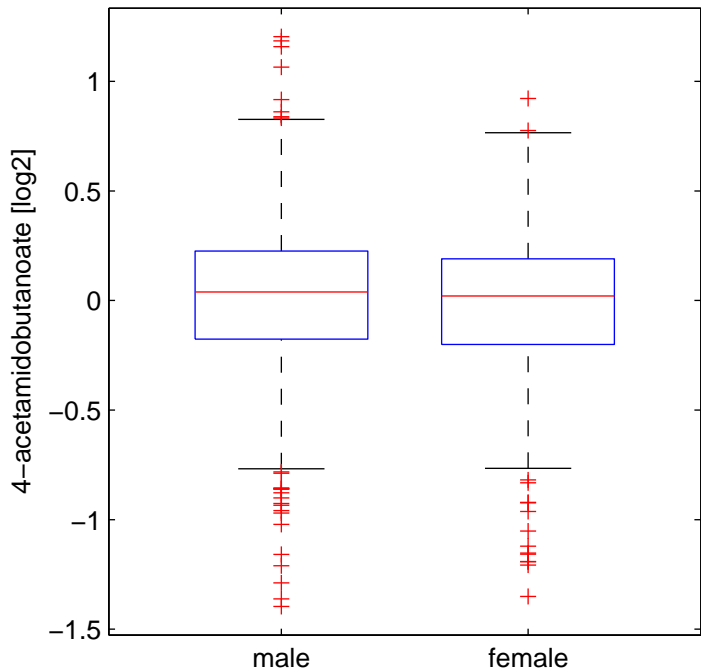
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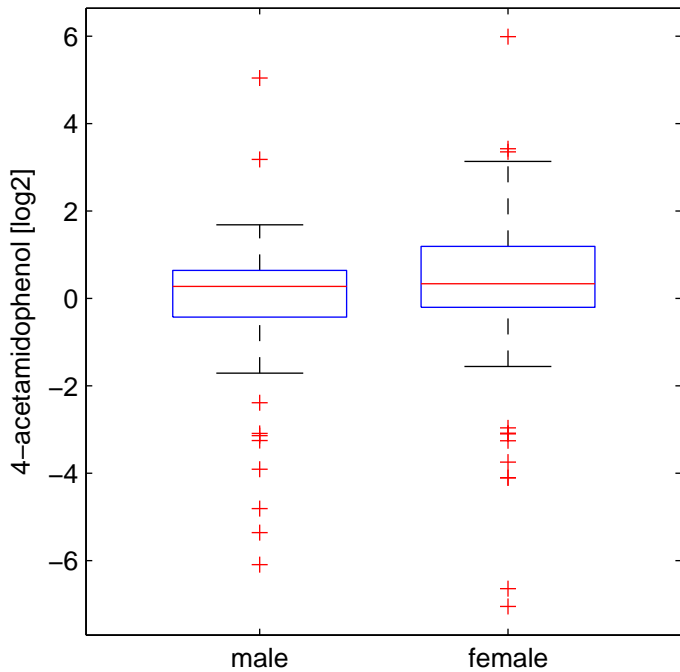
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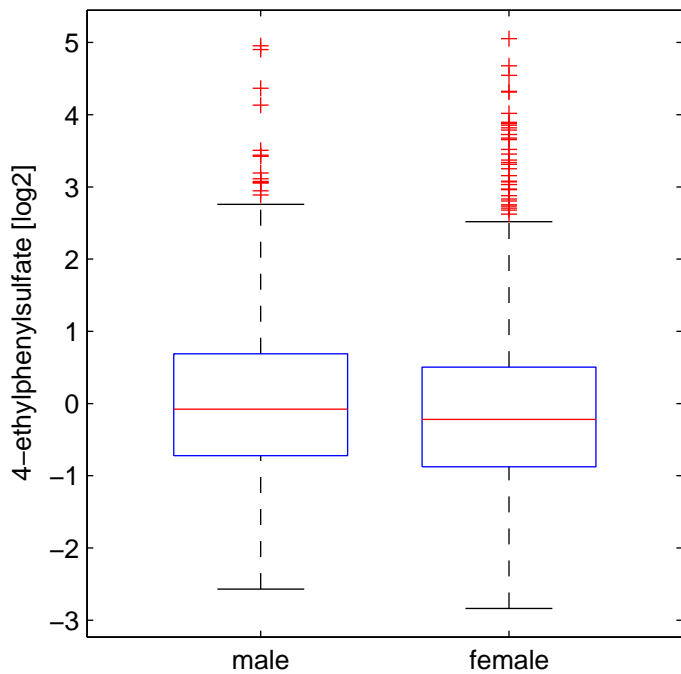
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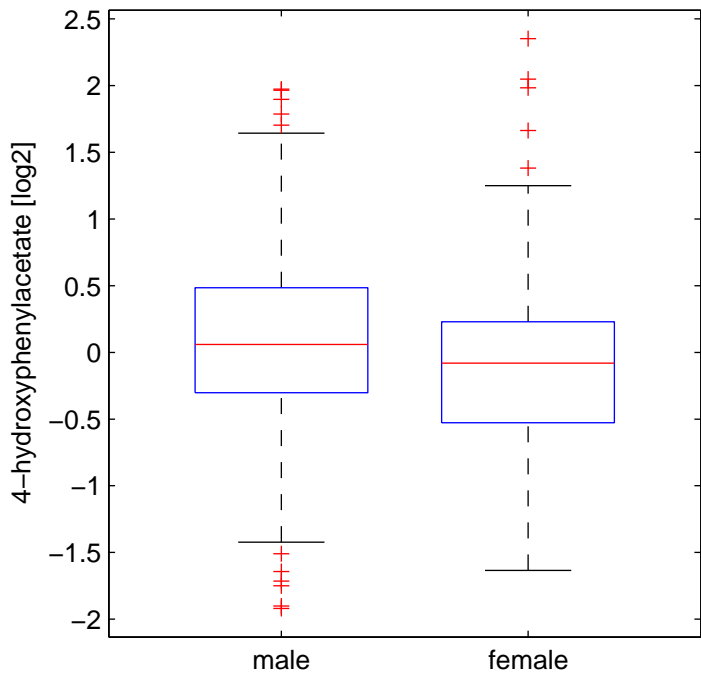
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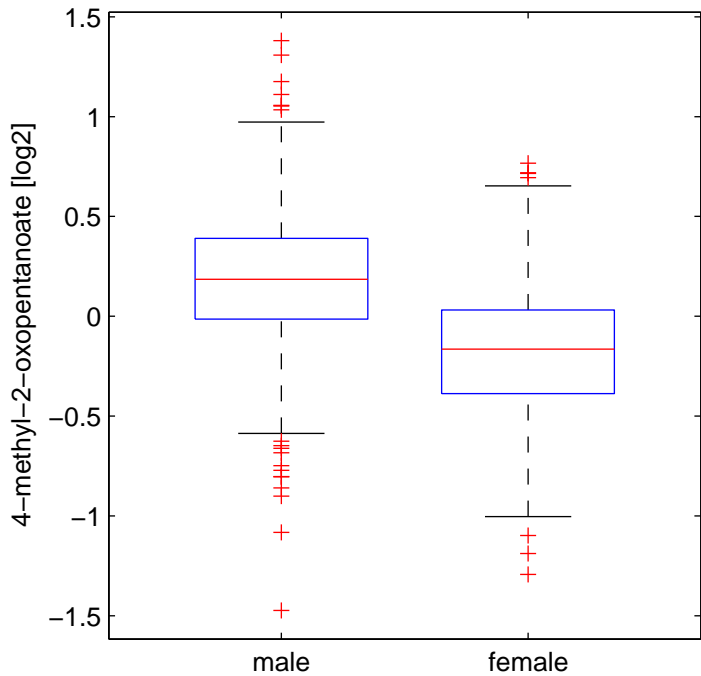
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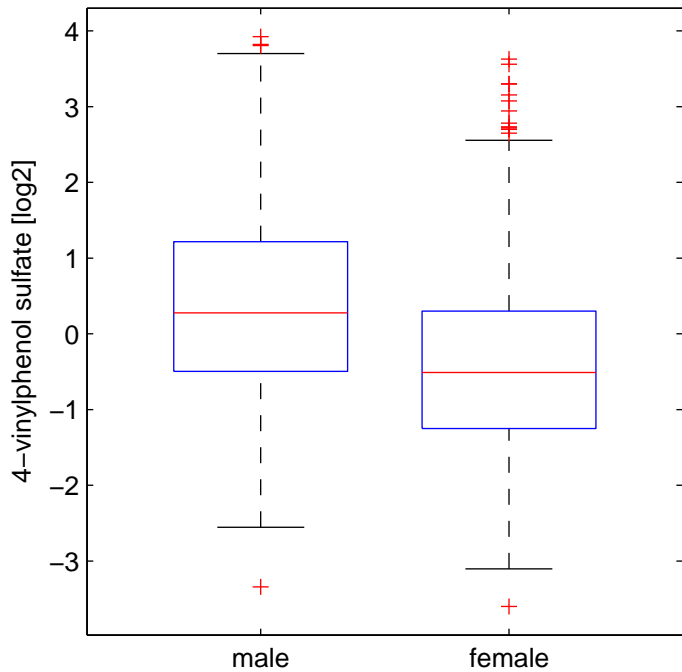
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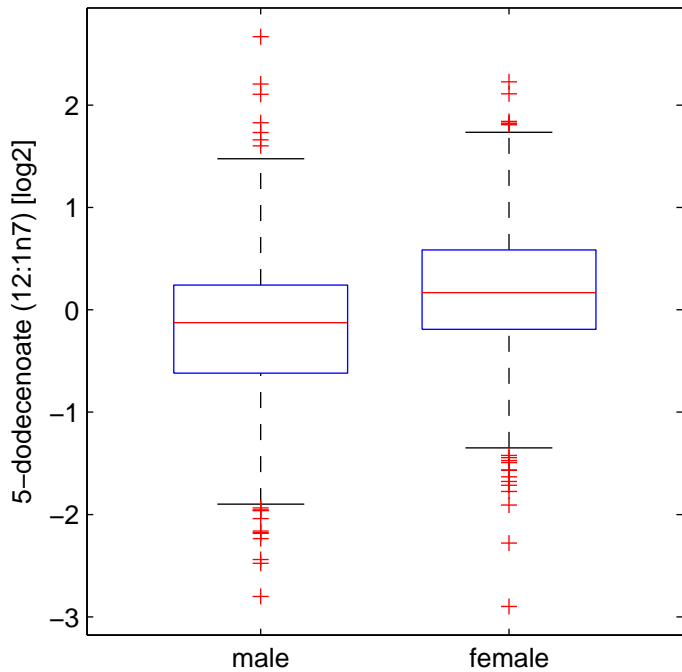
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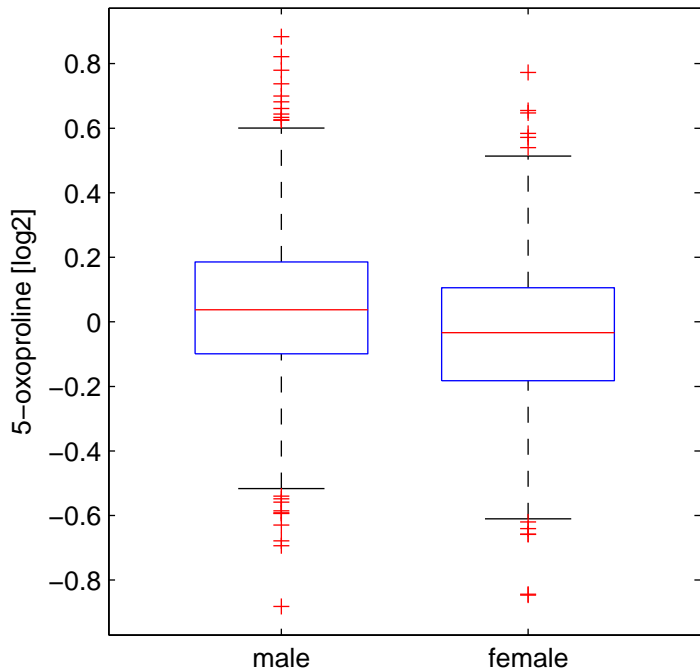
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p-val: 1.13e-028

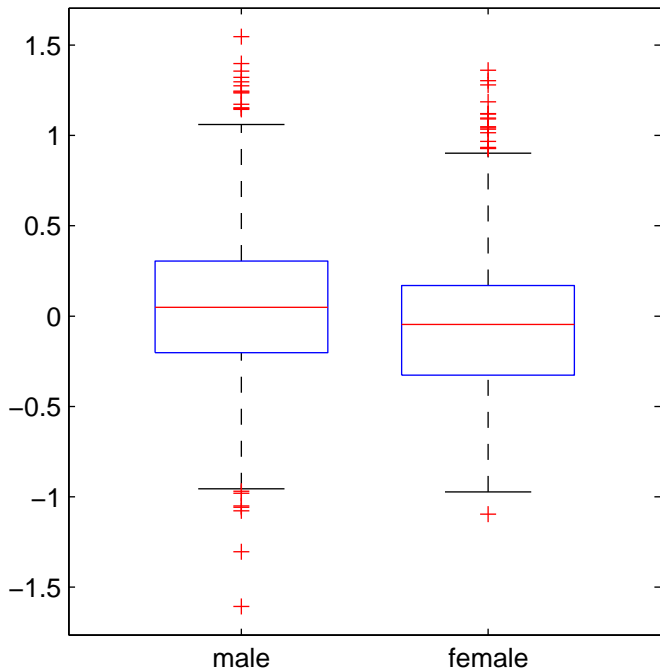


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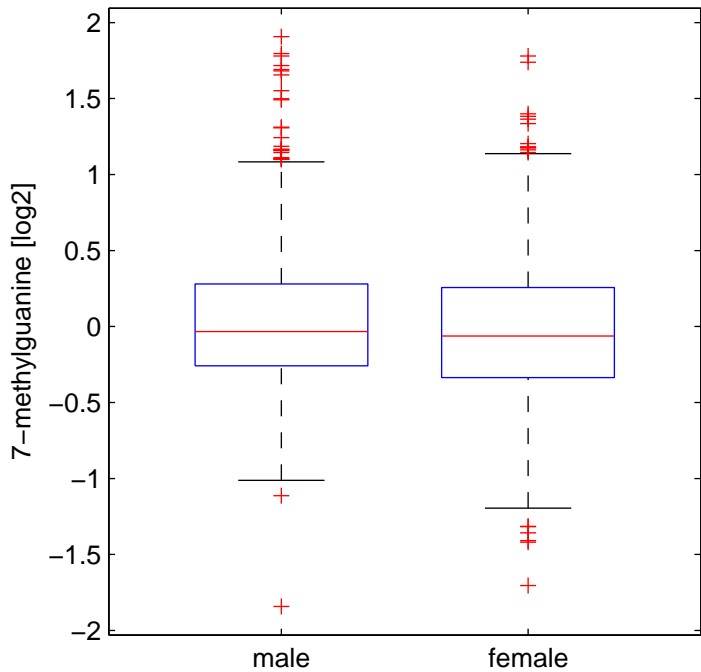


7- α -hydroxy-3-oxo-4-cholestenoate (7-Hoca) [log2]

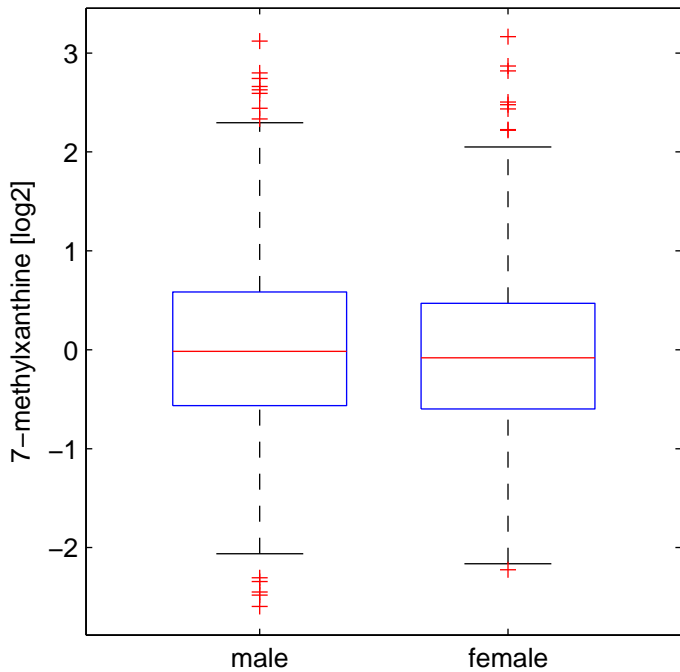
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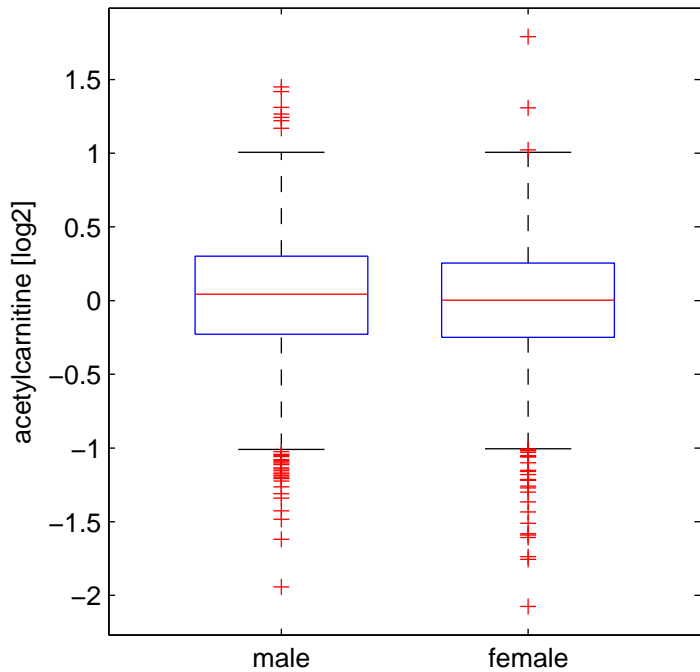
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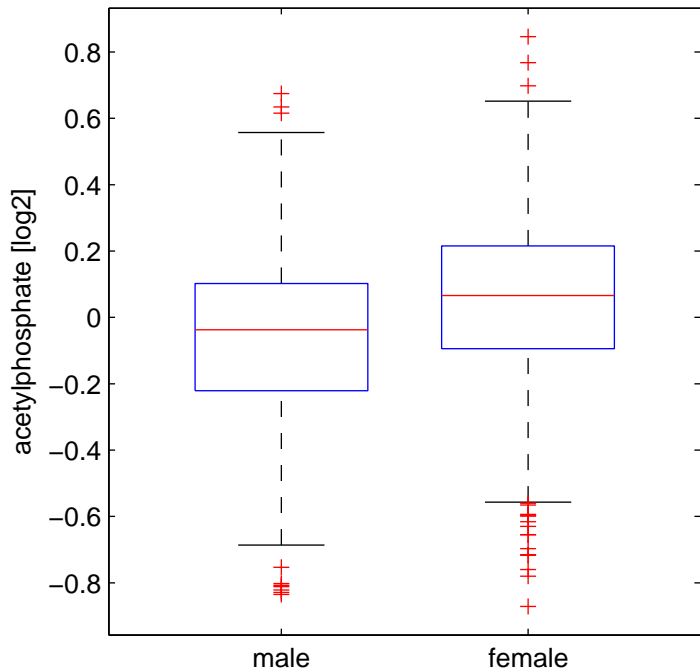
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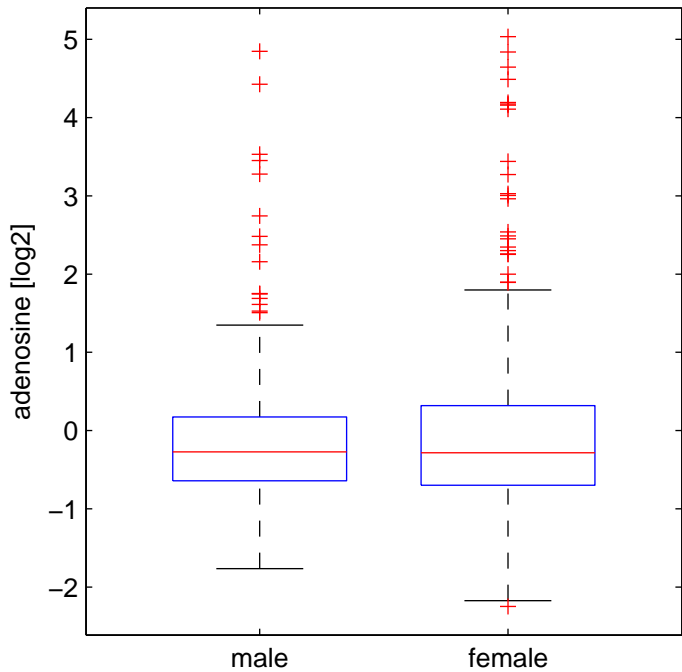
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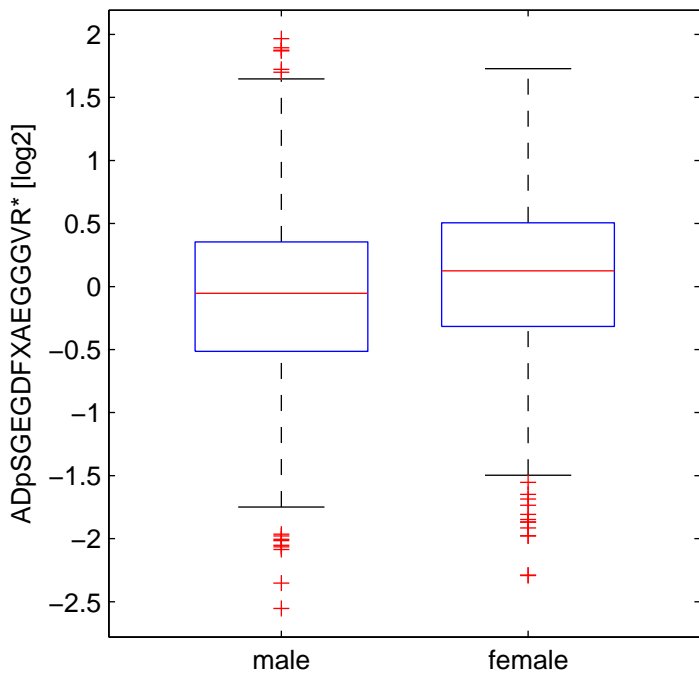
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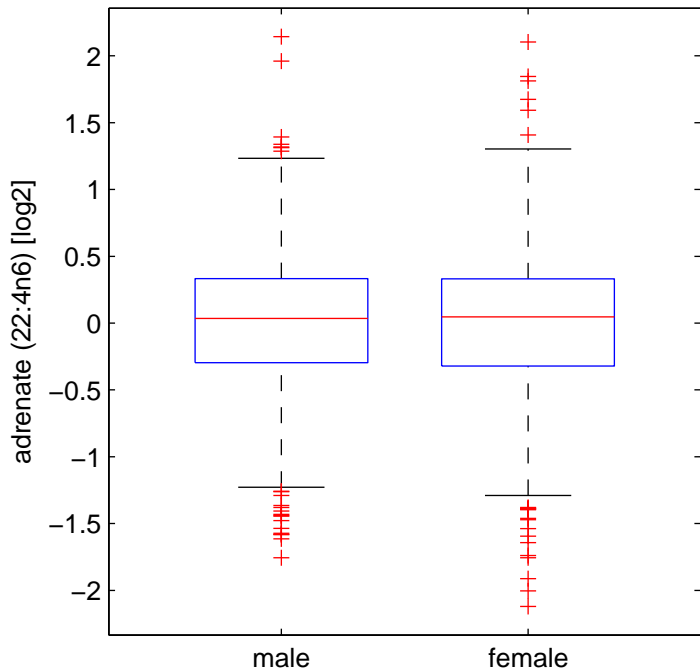
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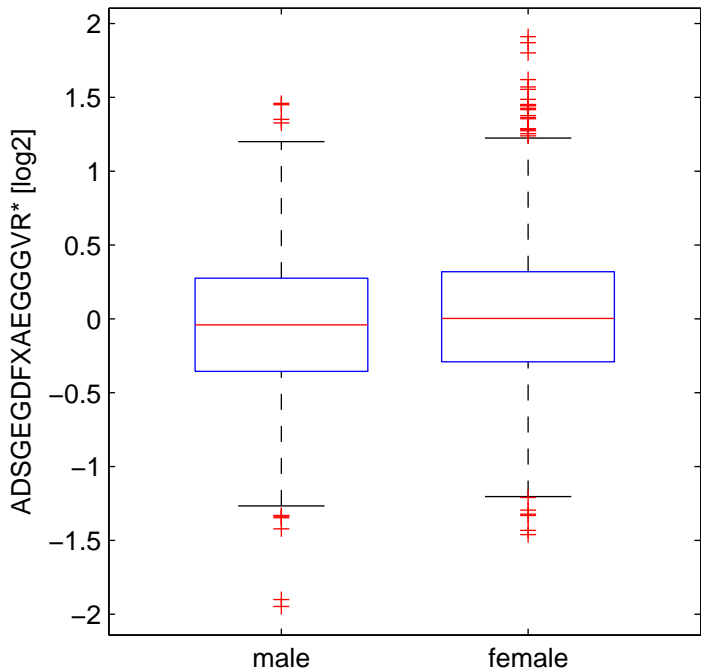
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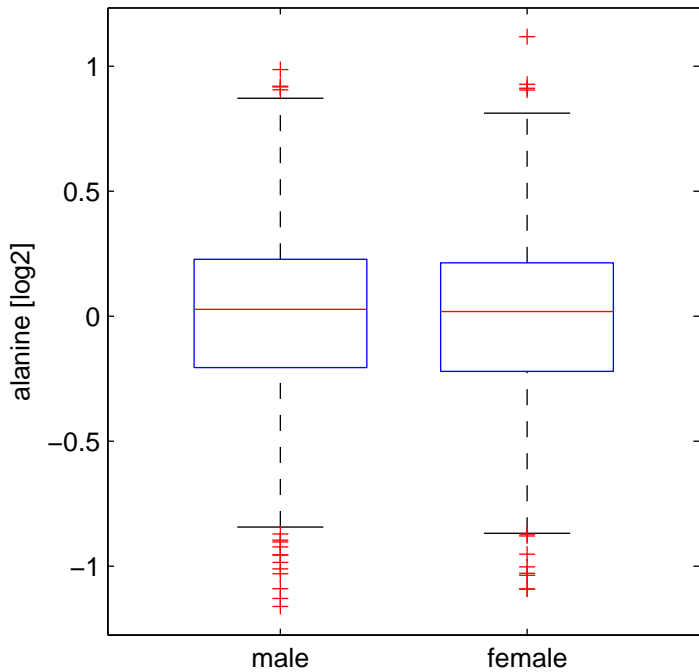
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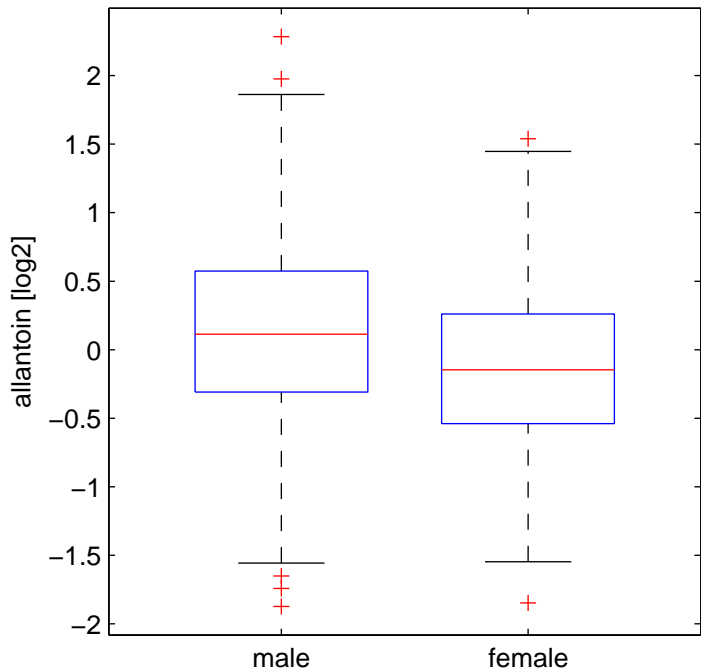
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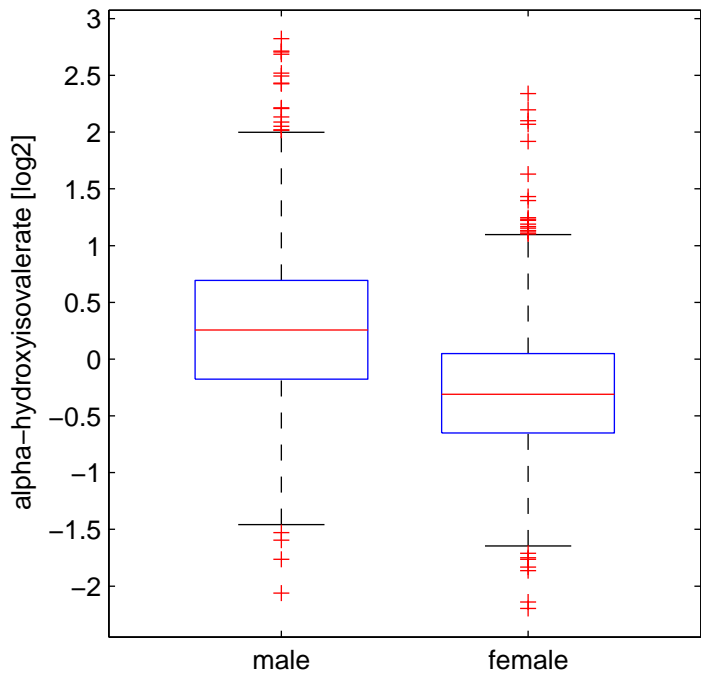
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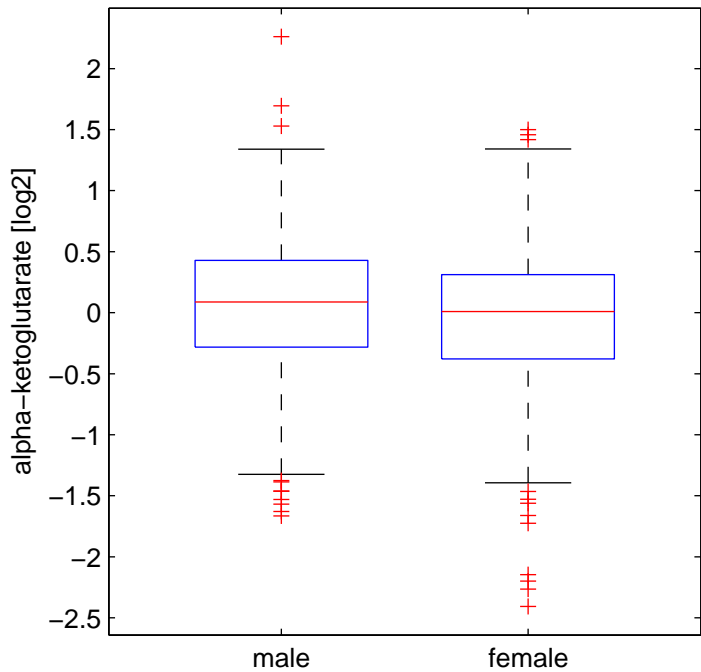
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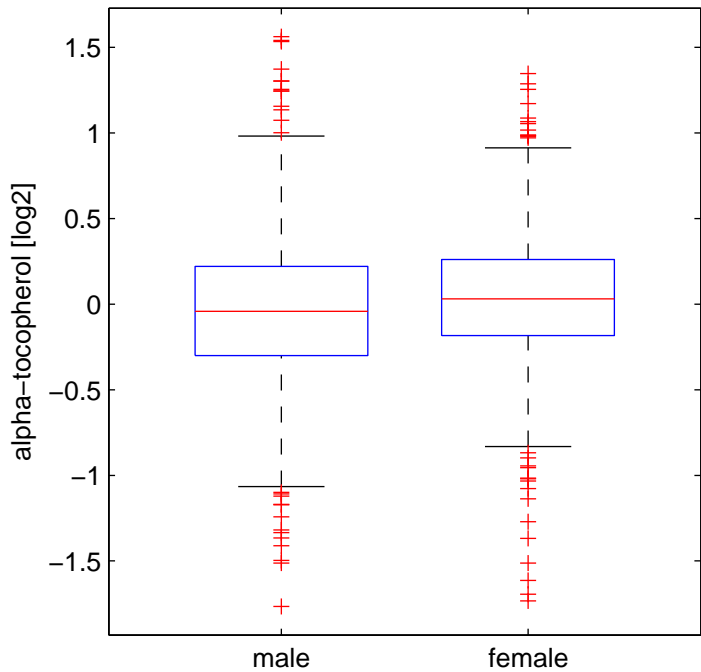
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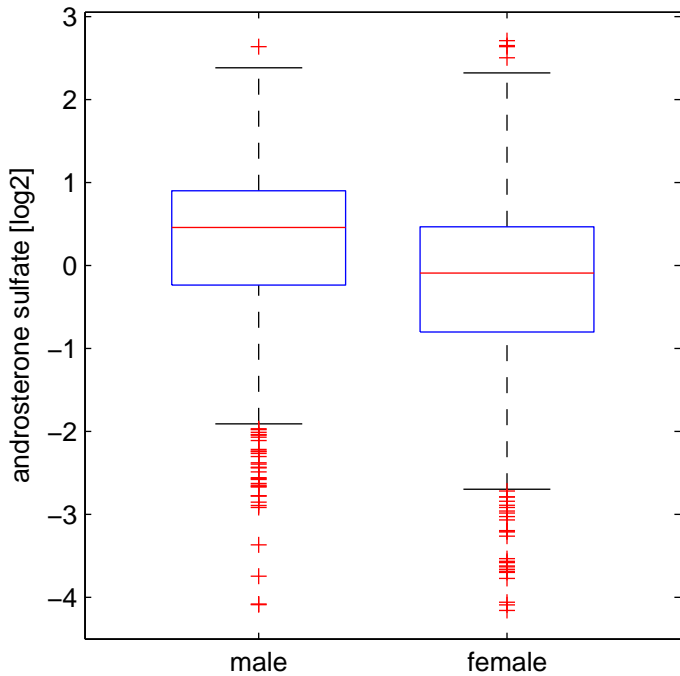
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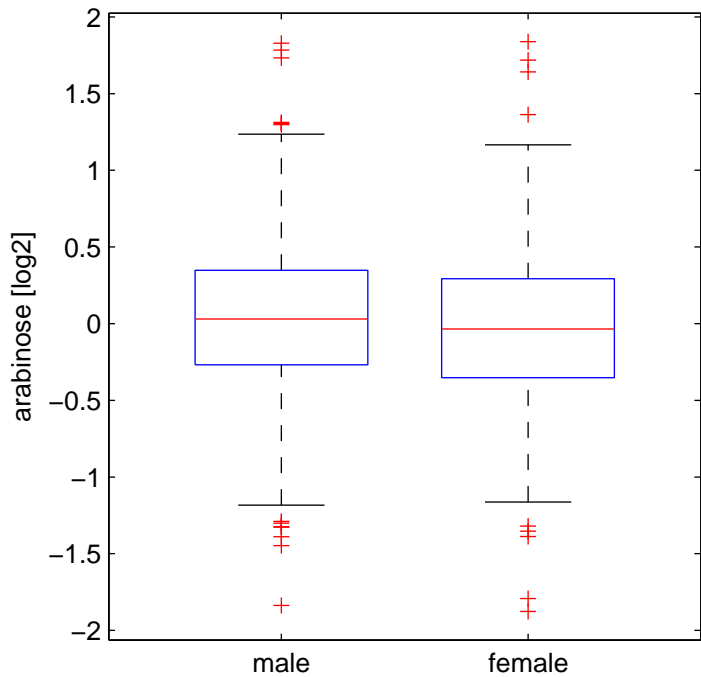
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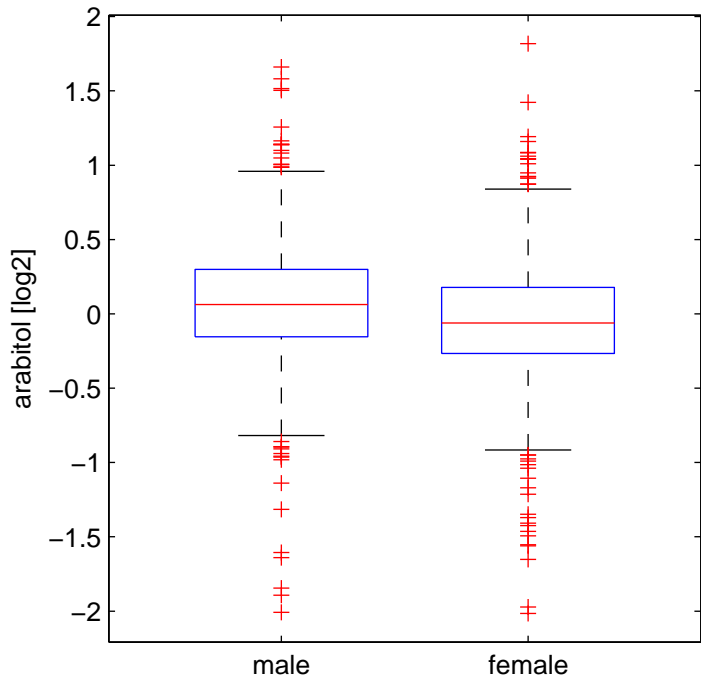
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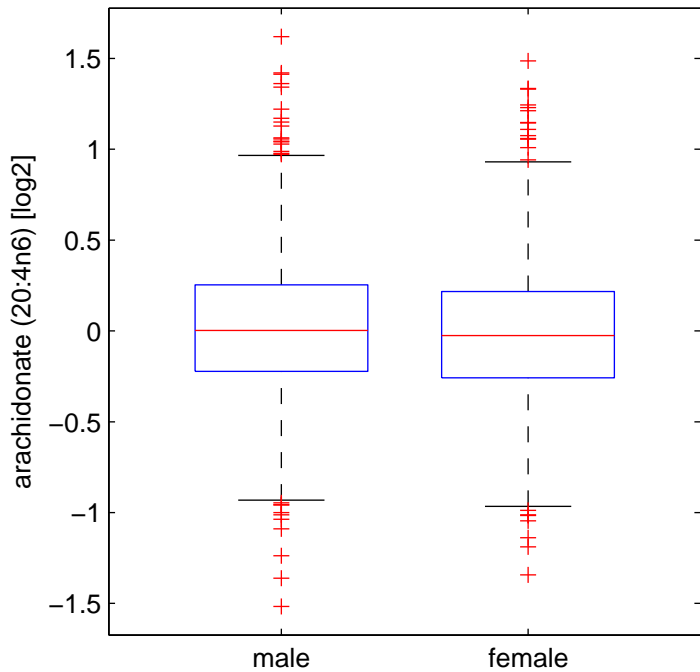
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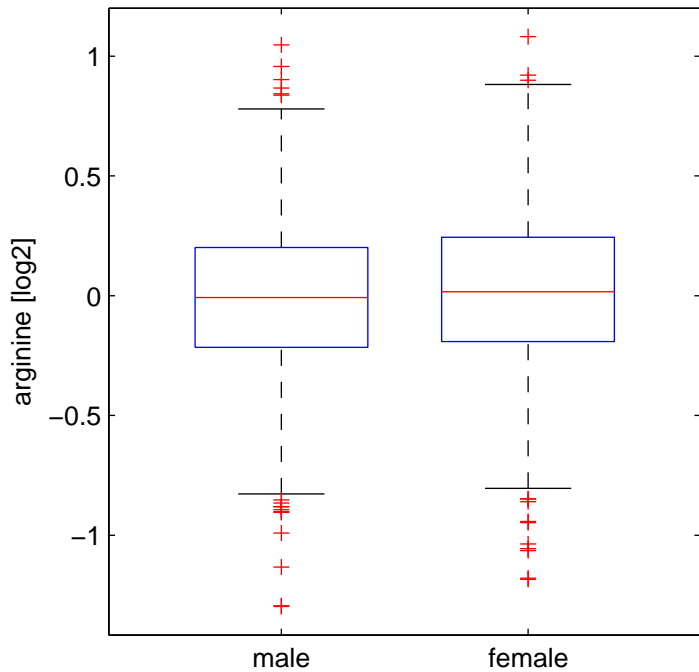
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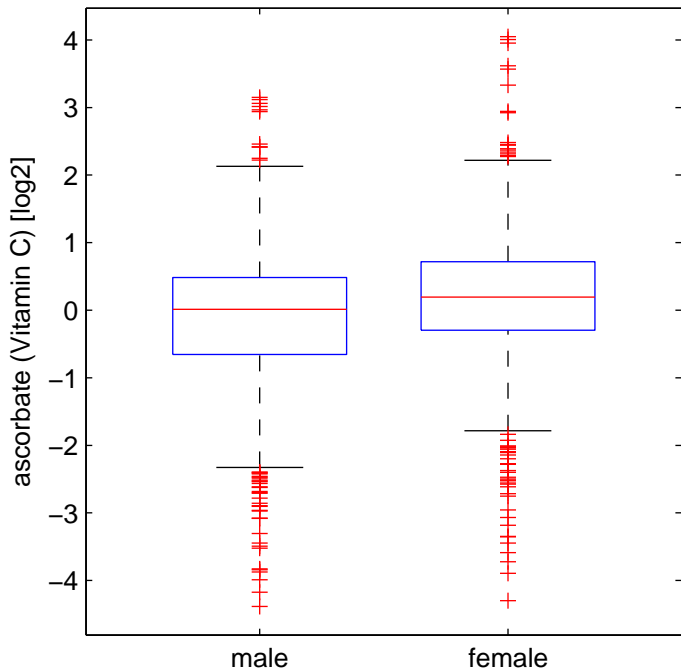
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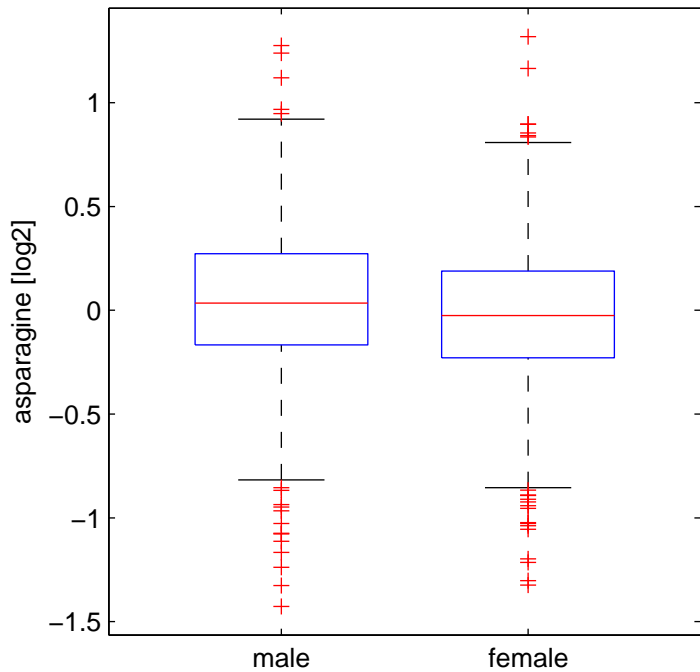
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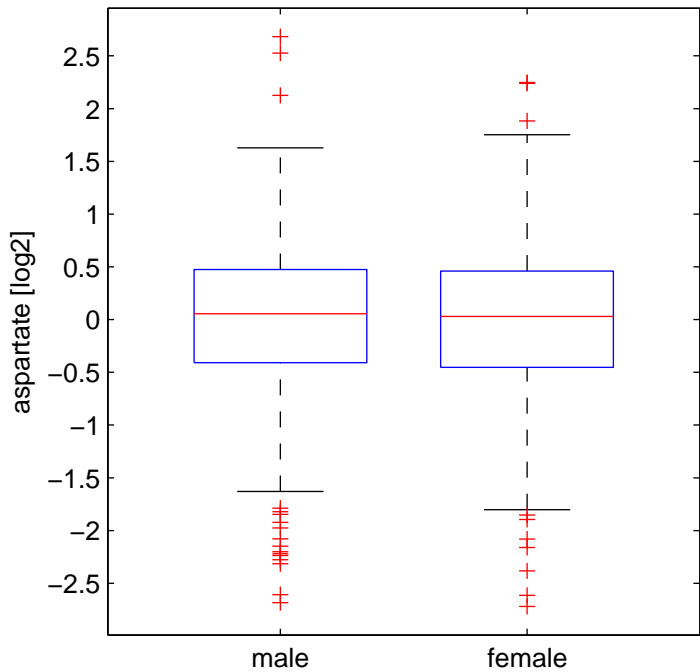
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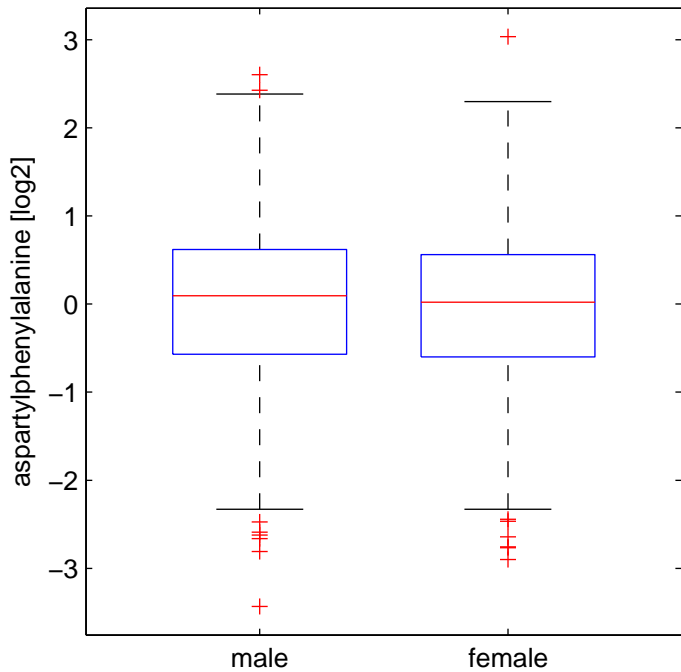
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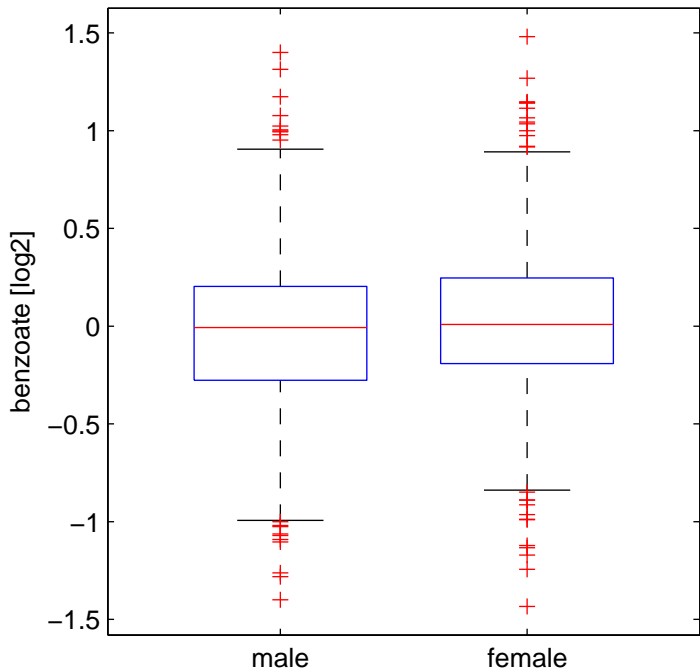
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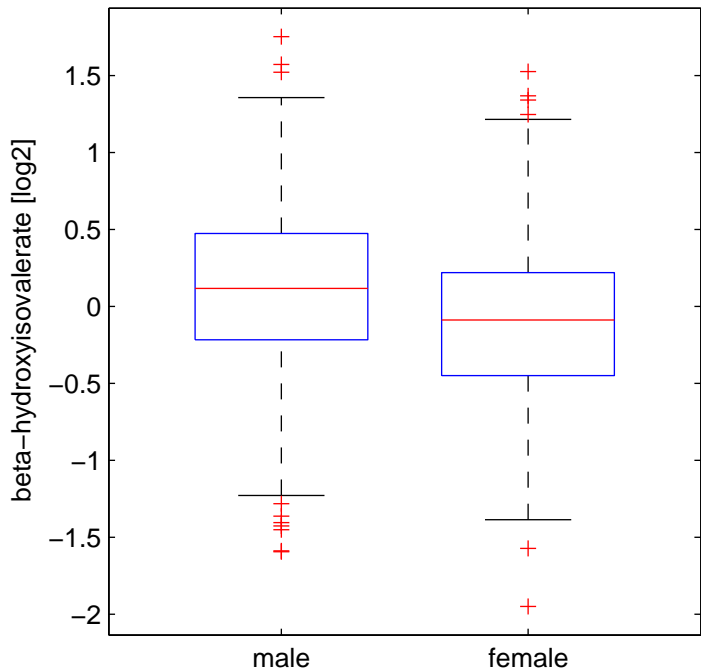
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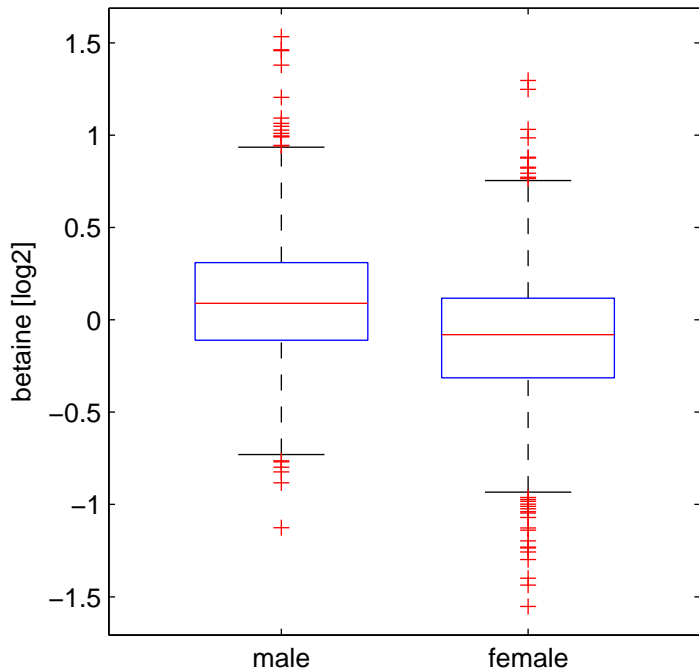
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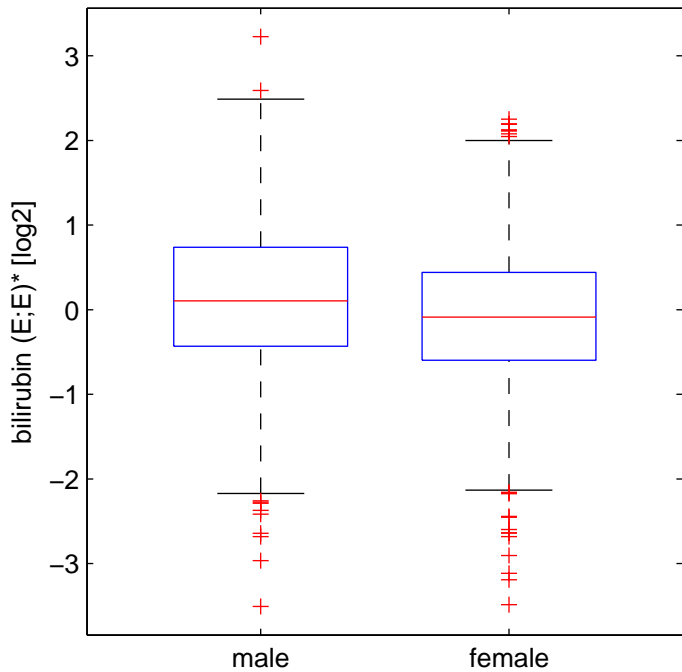
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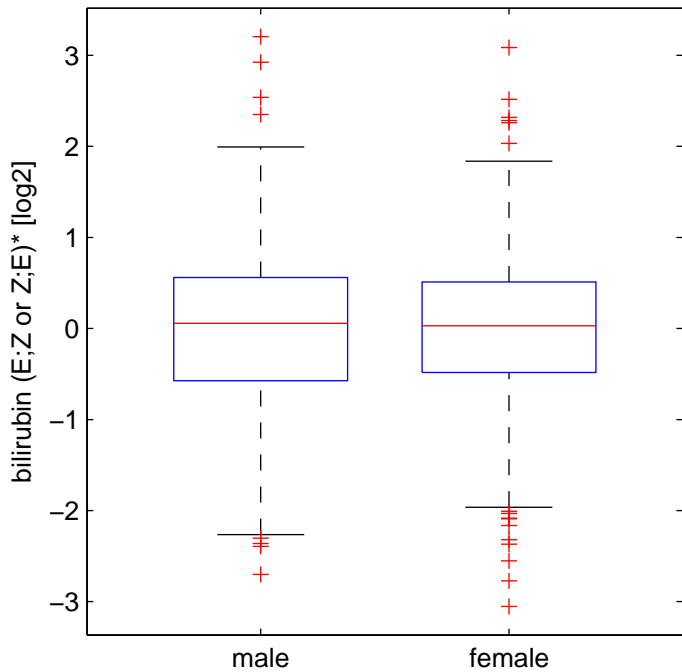
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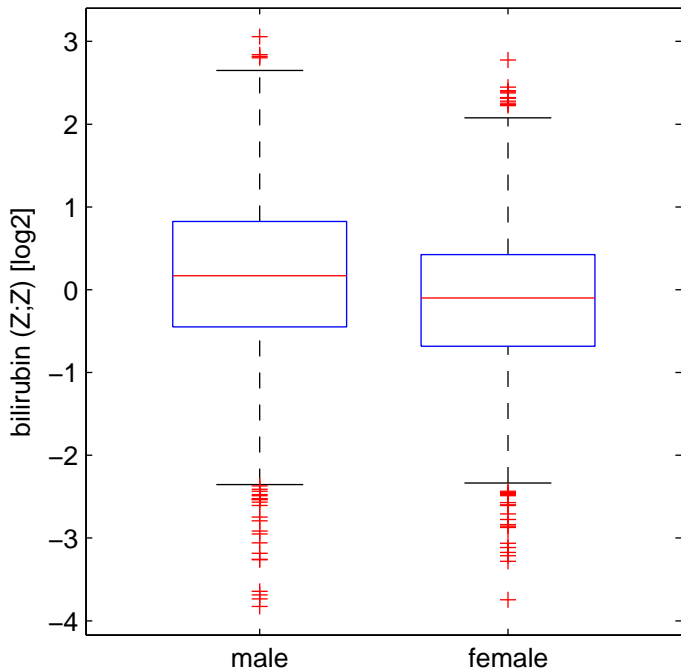
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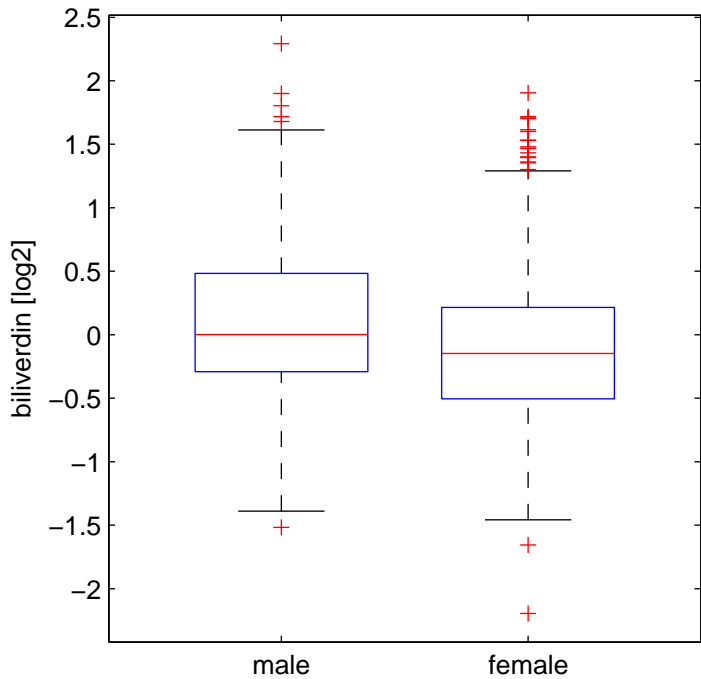
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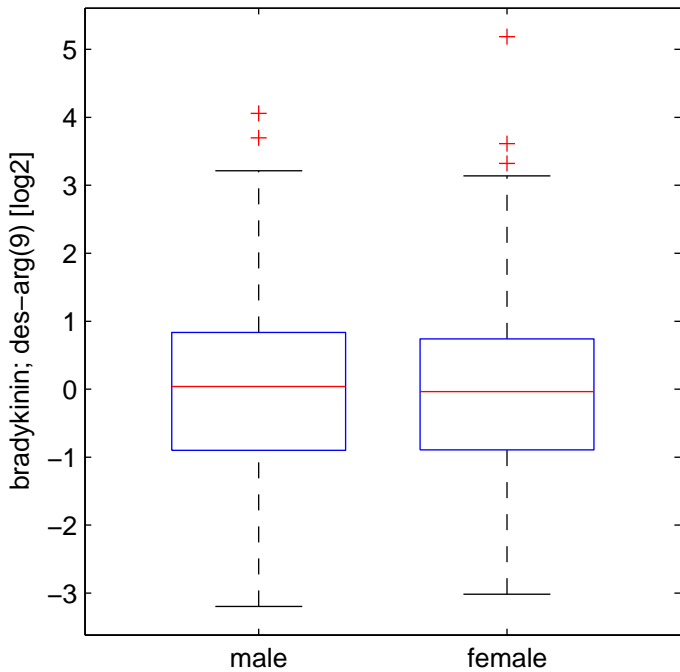
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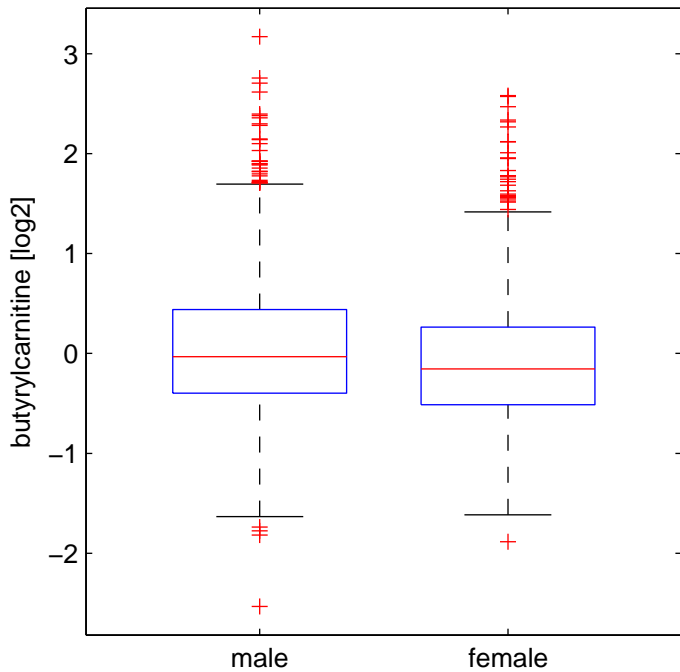
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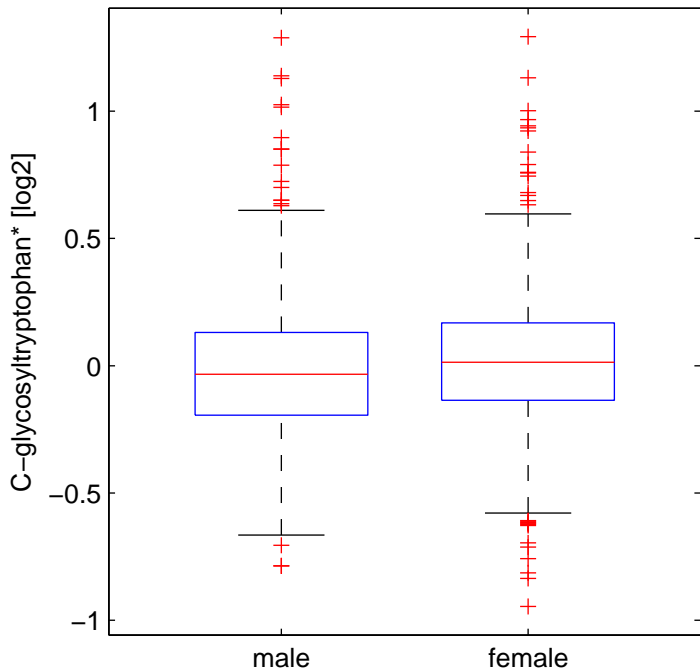
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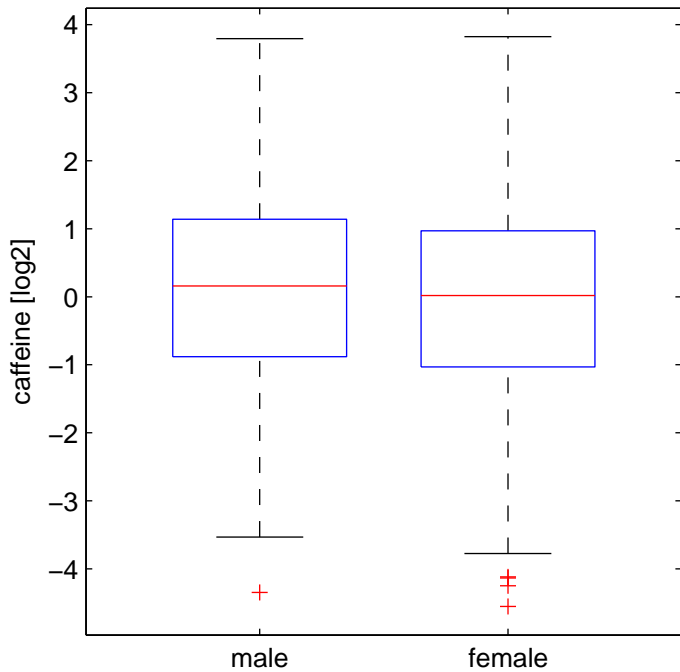
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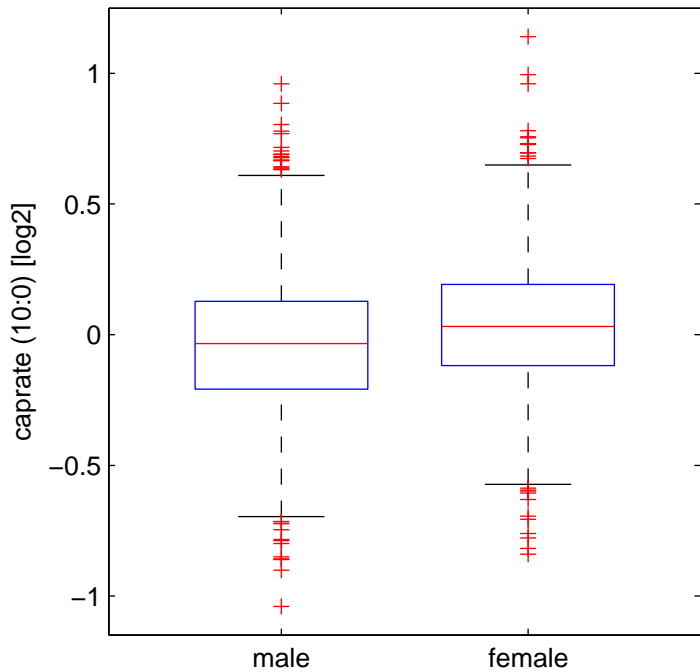
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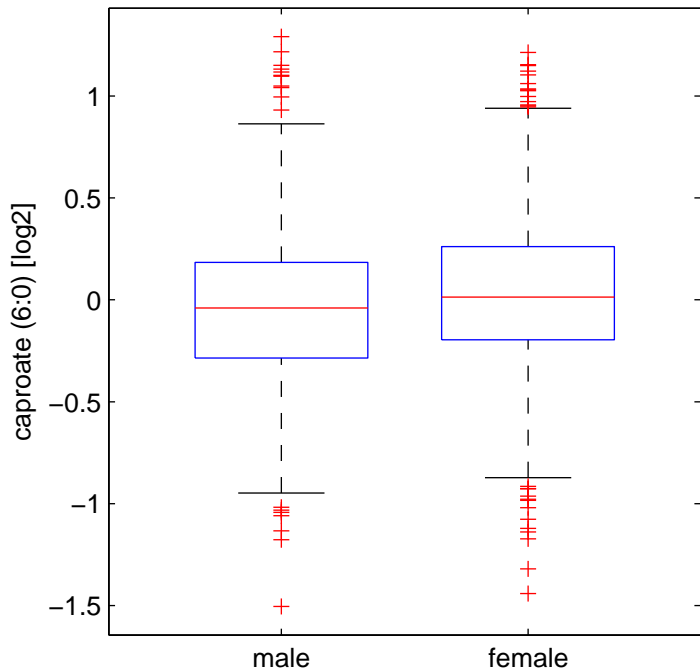
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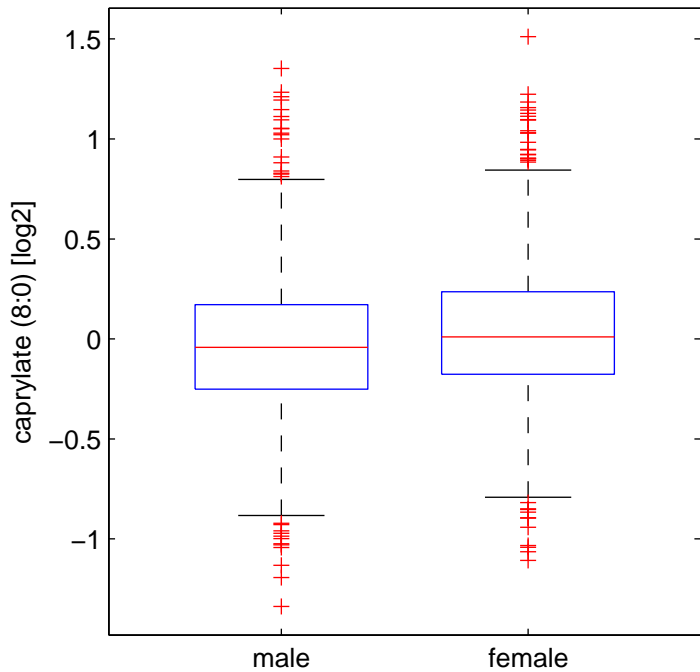
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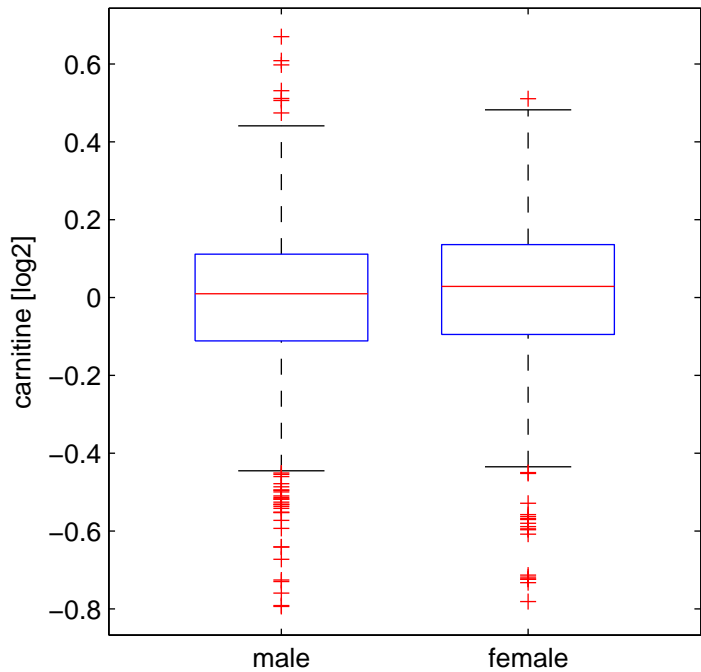
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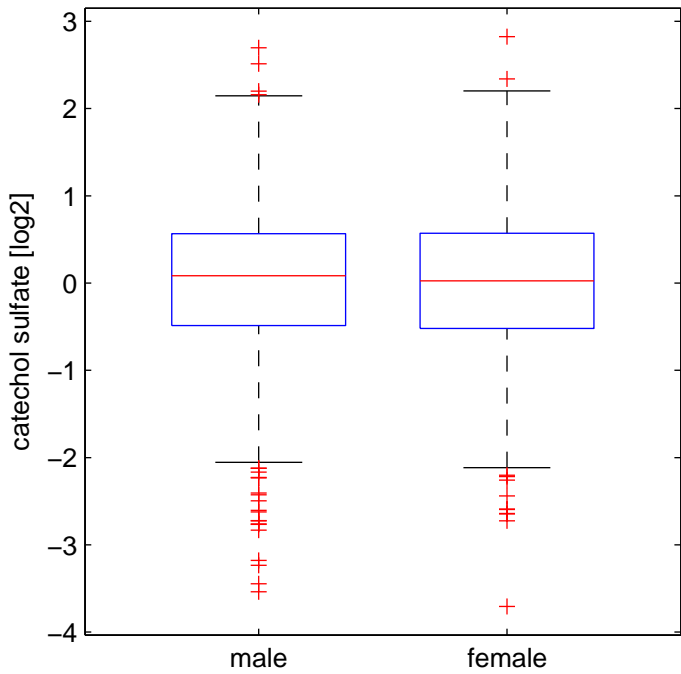
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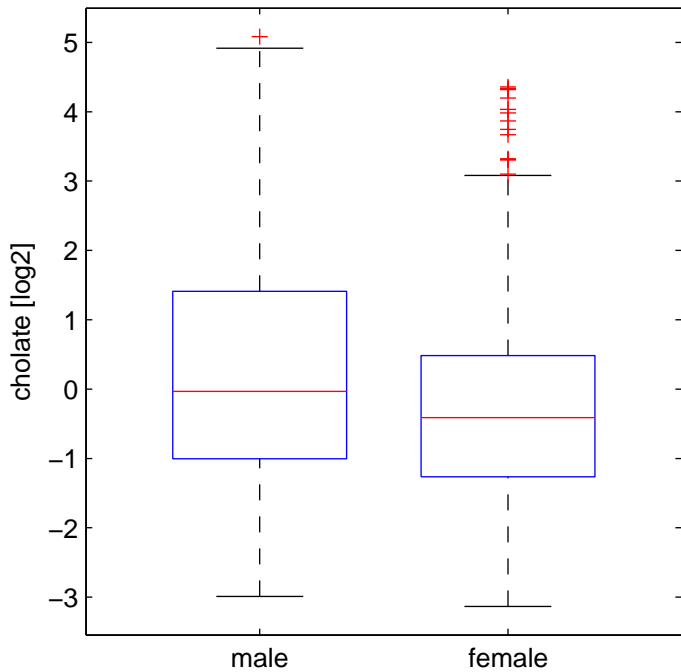
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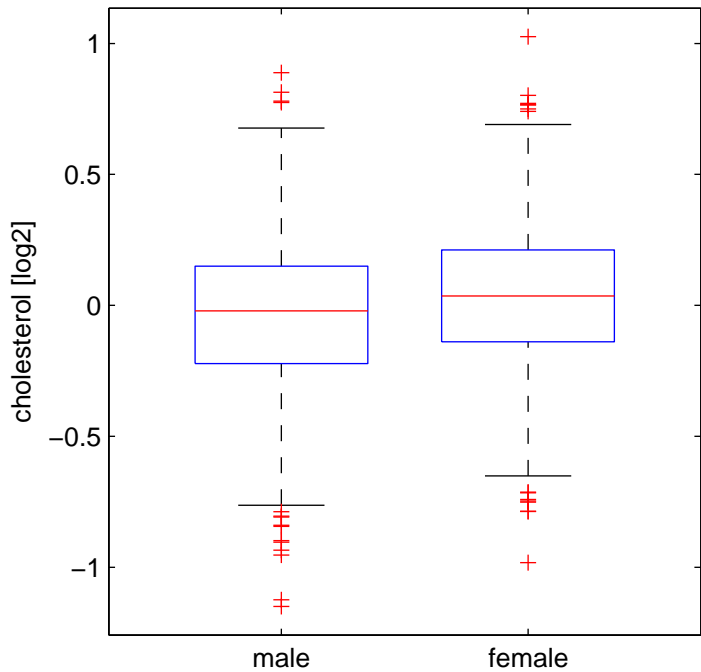
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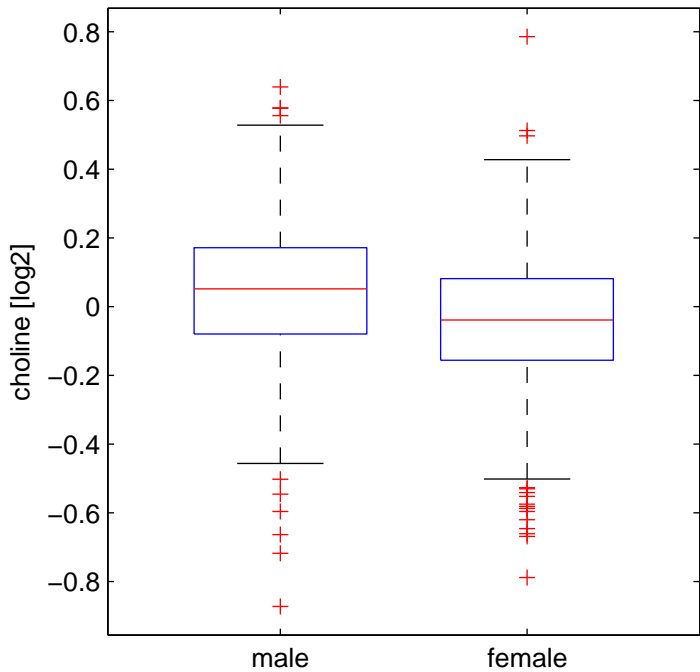
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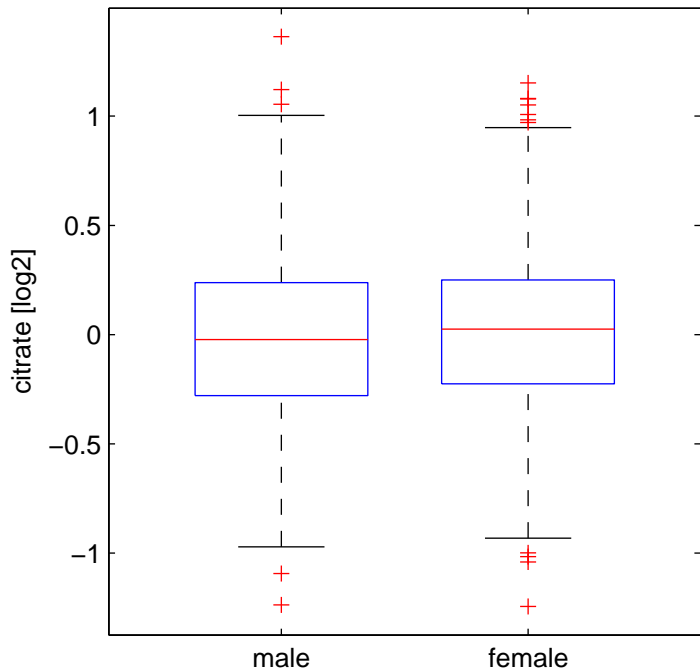
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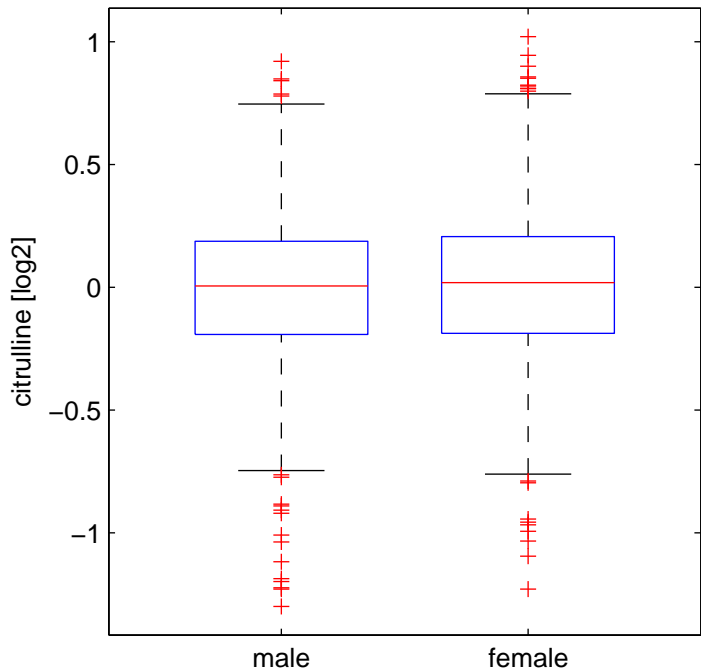
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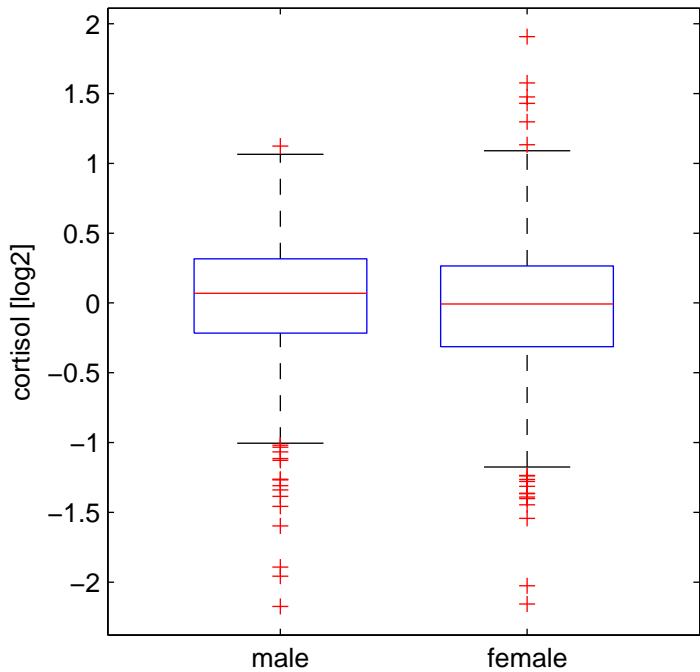
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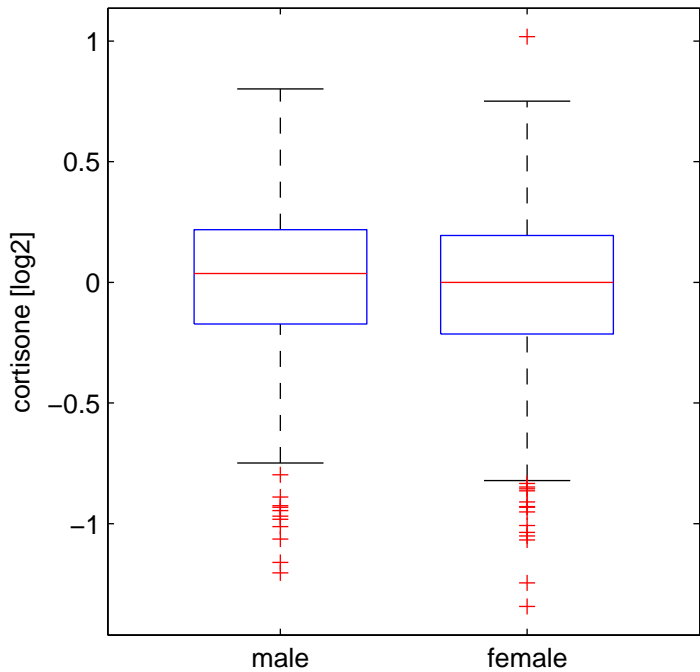
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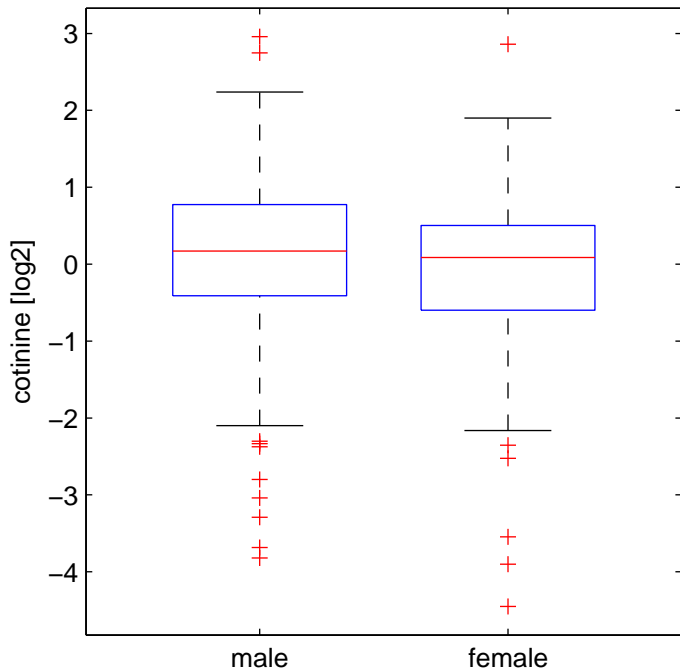
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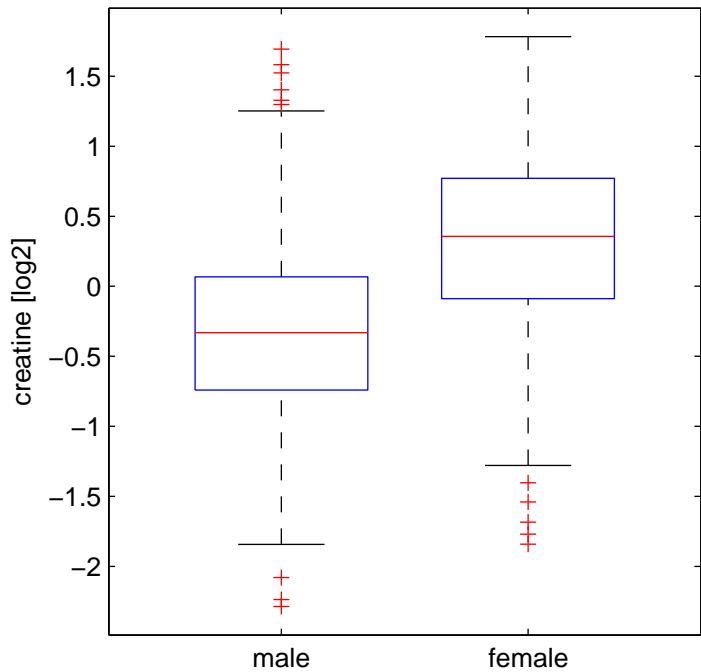
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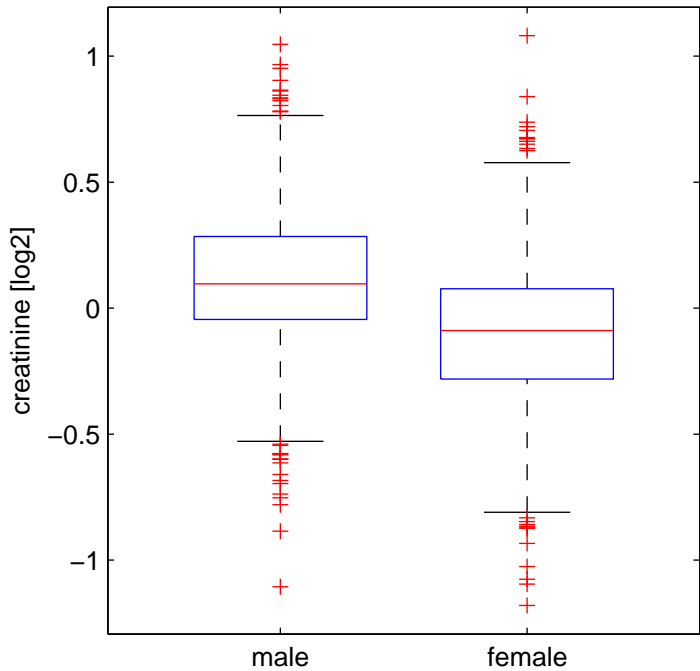
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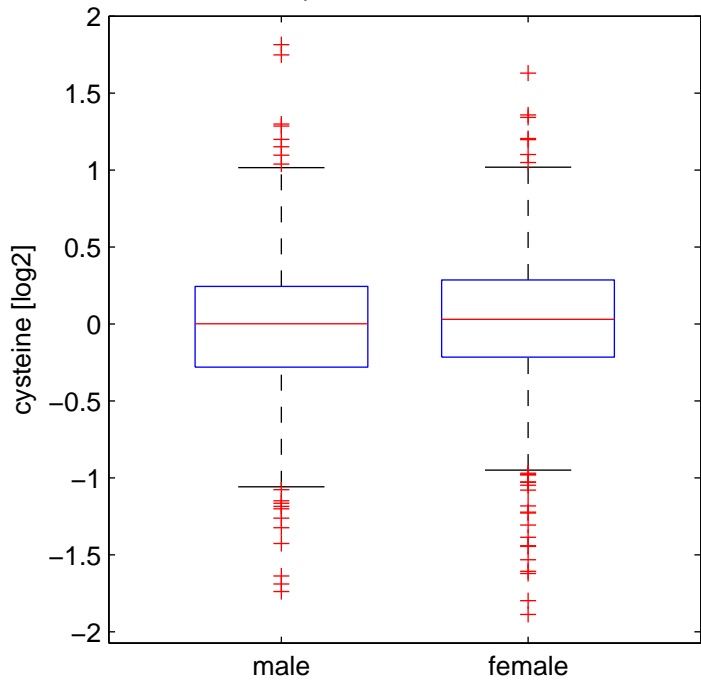
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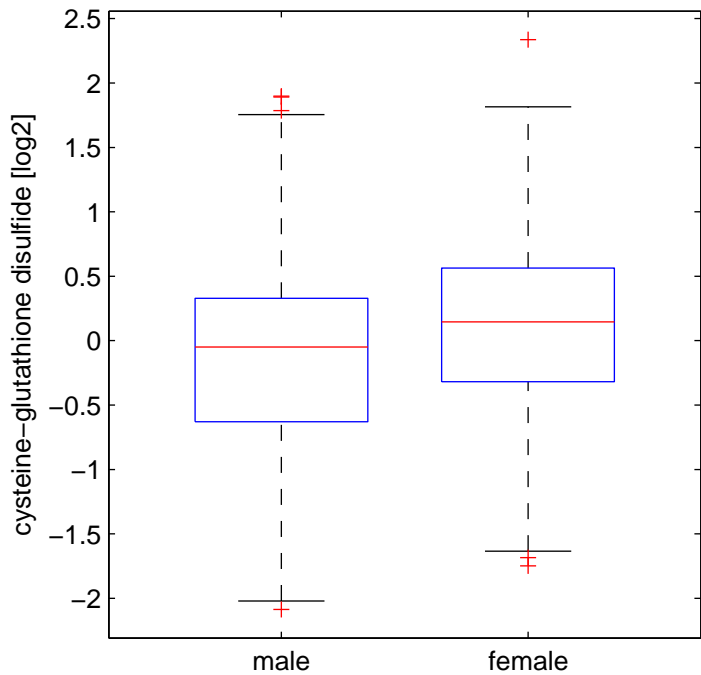
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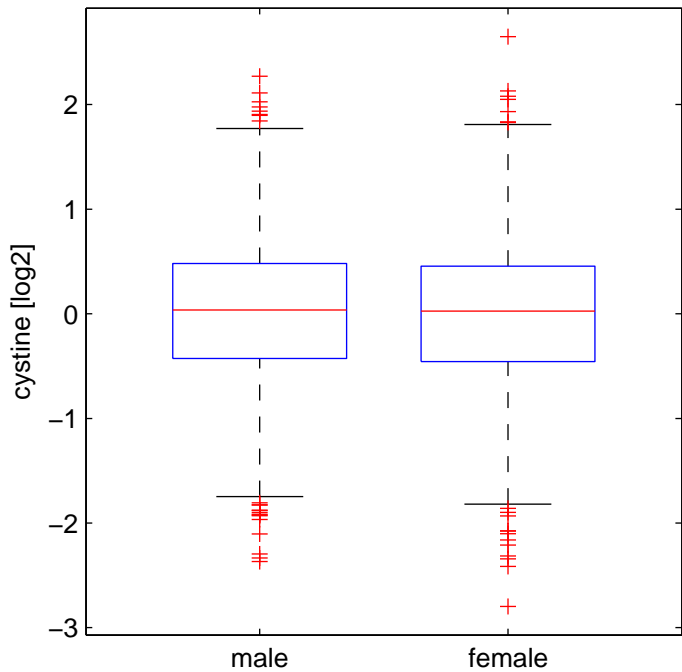
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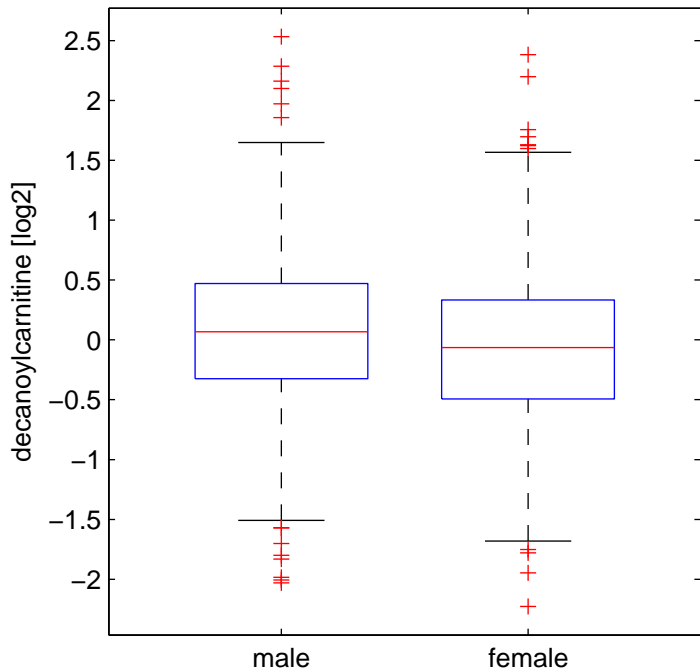
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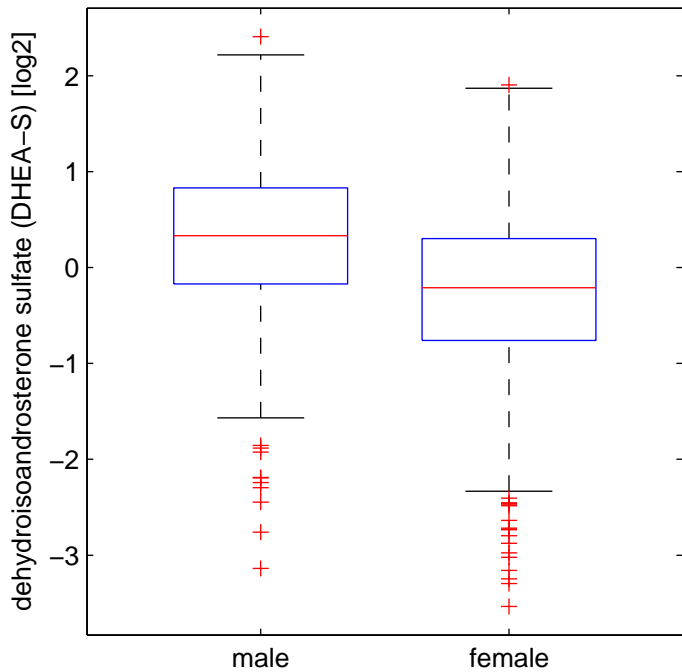
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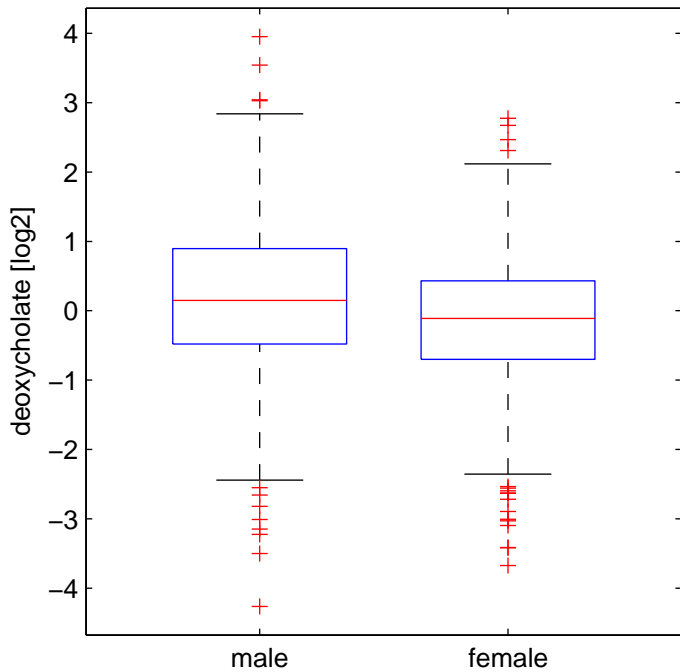
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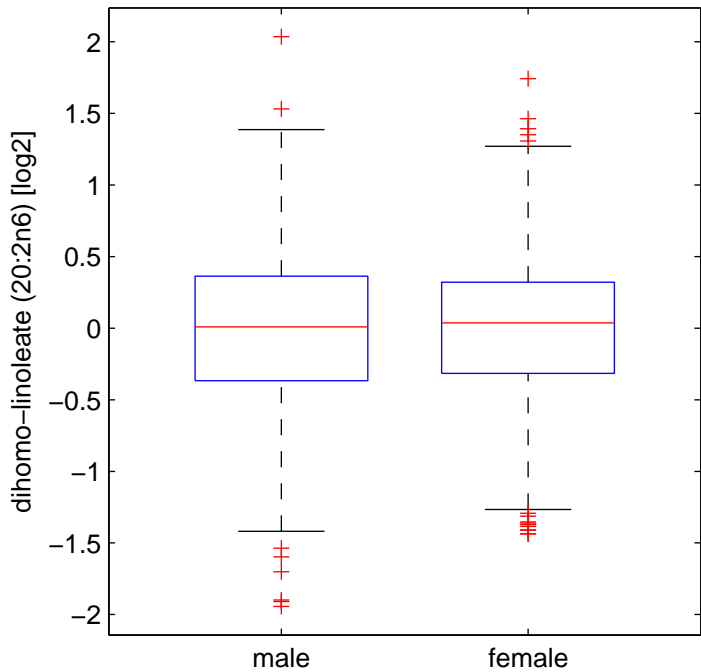
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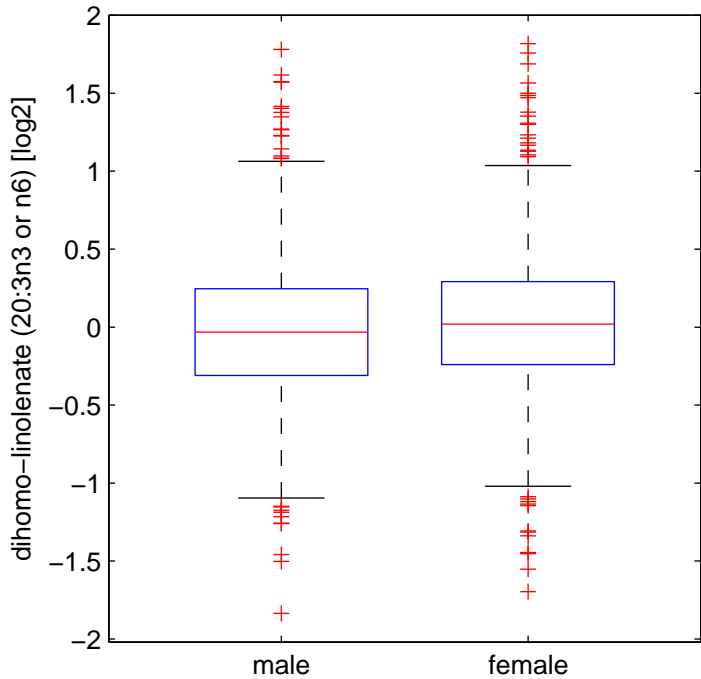
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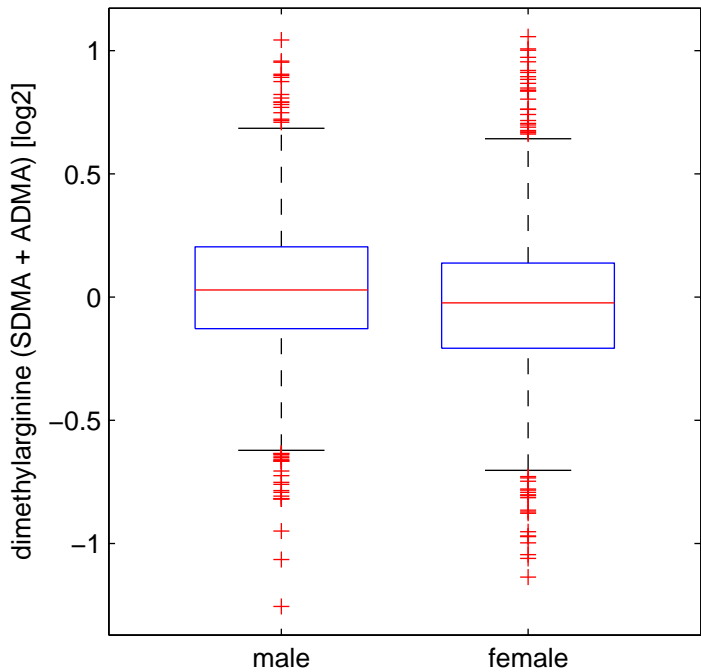
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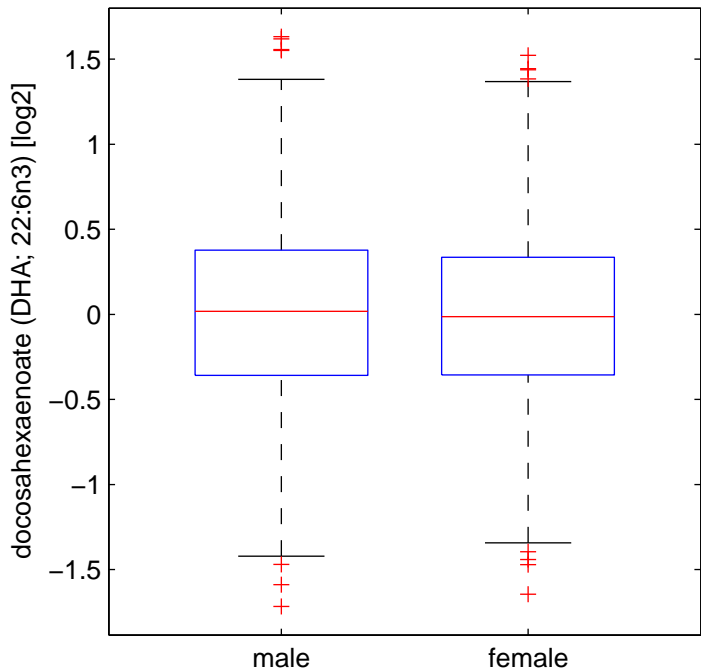
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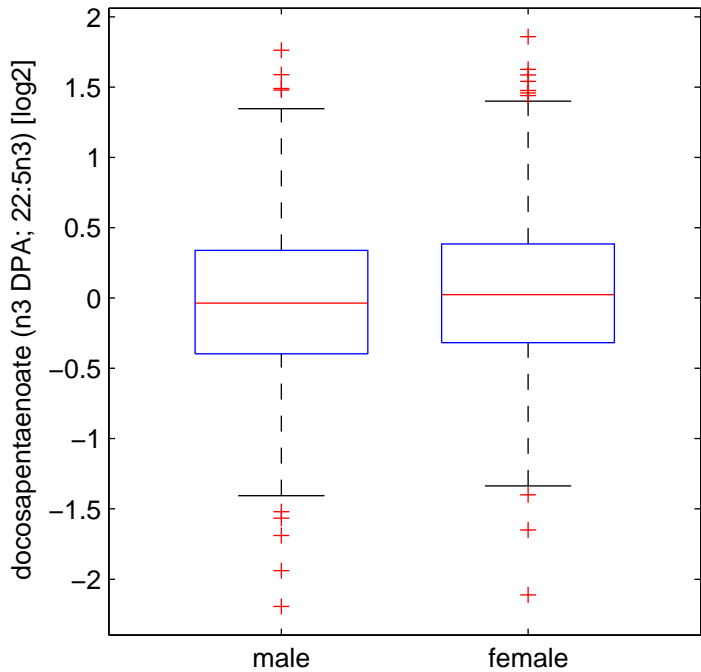
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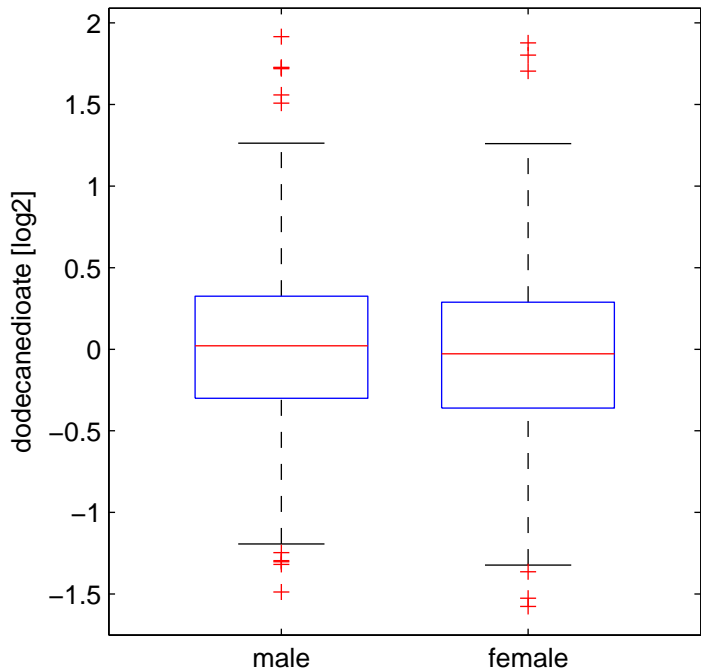
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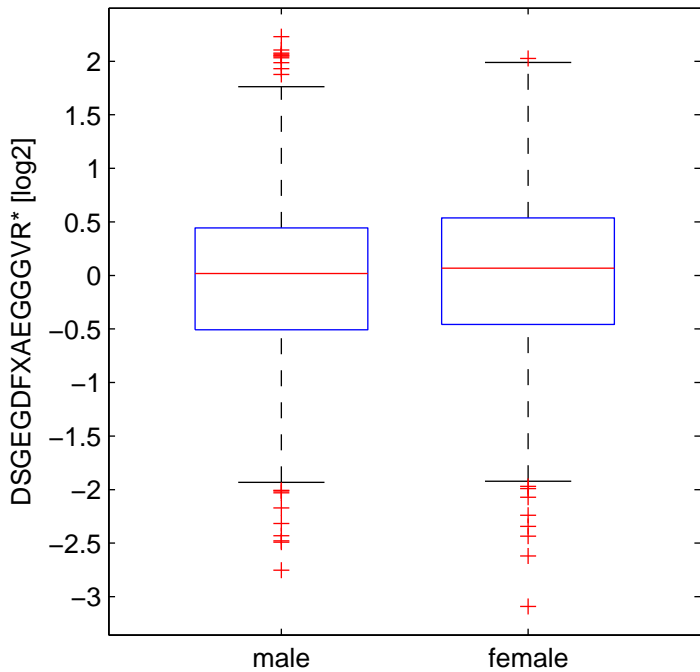
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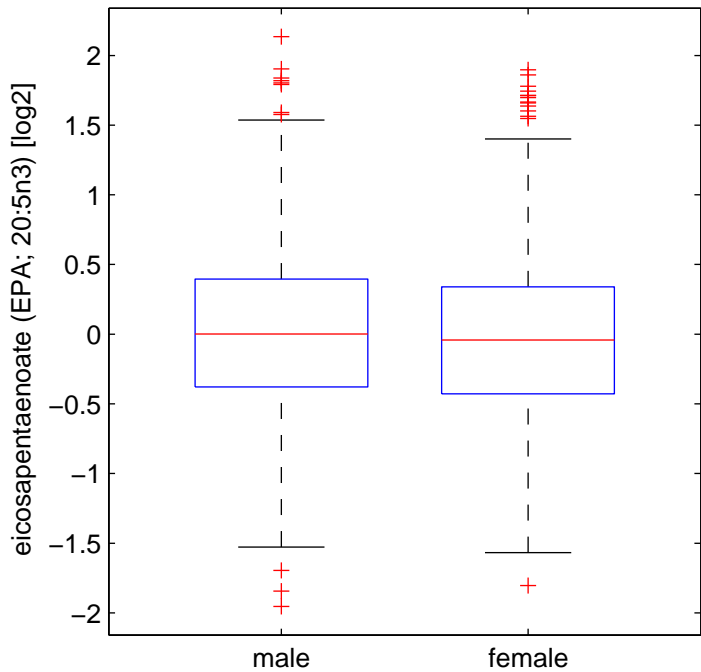
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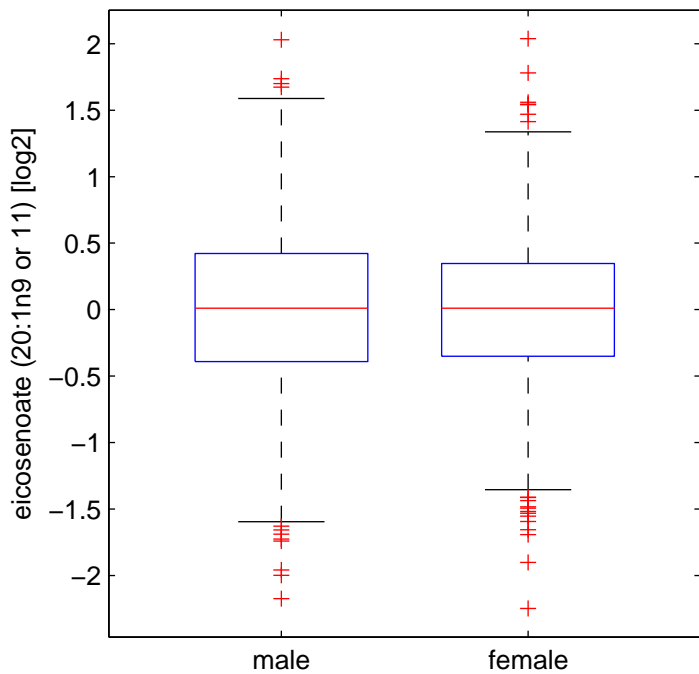
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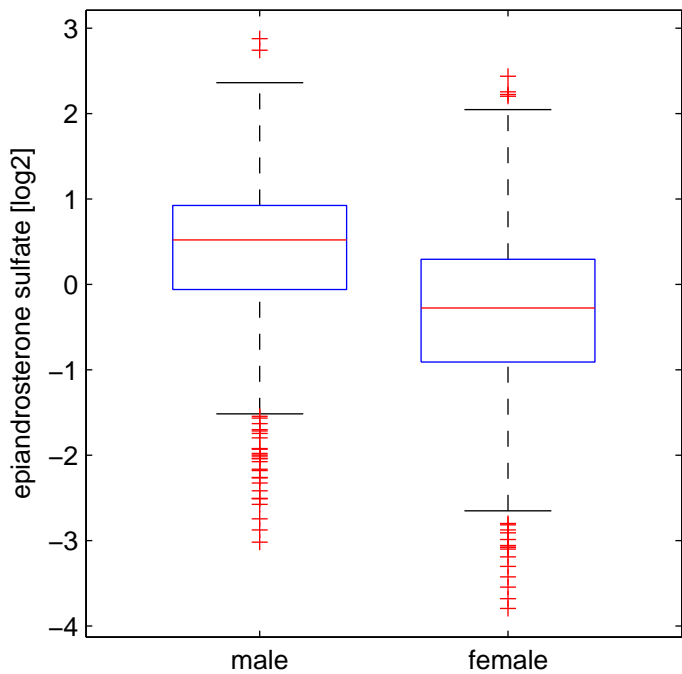
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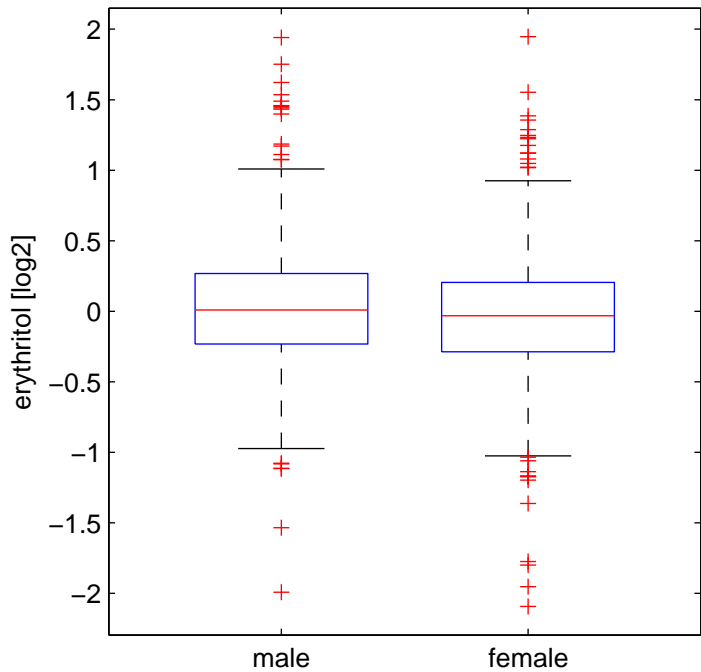
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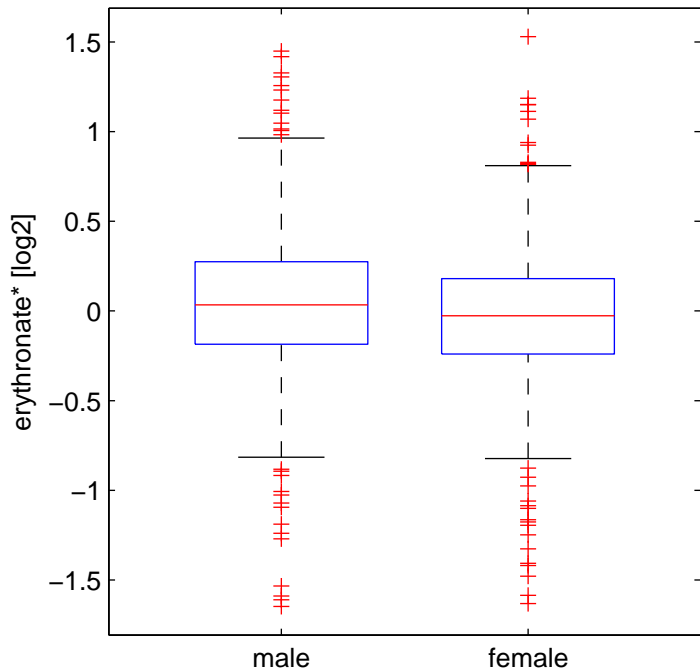
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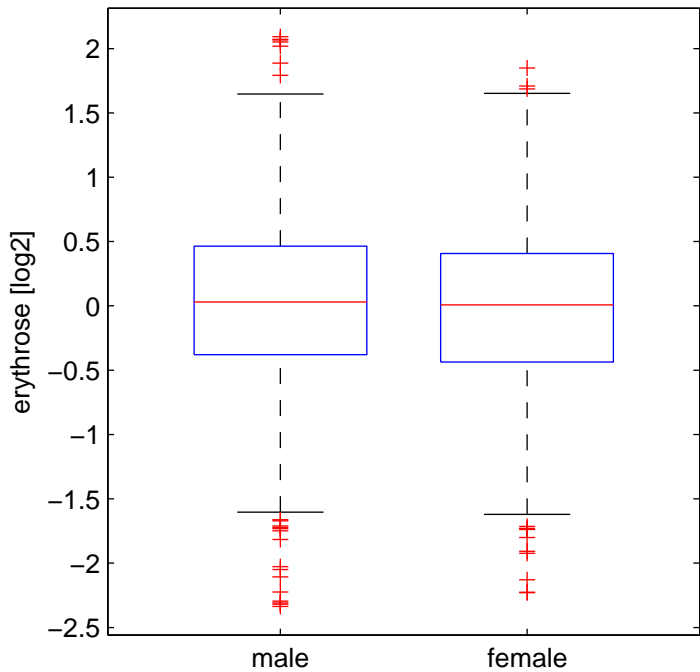
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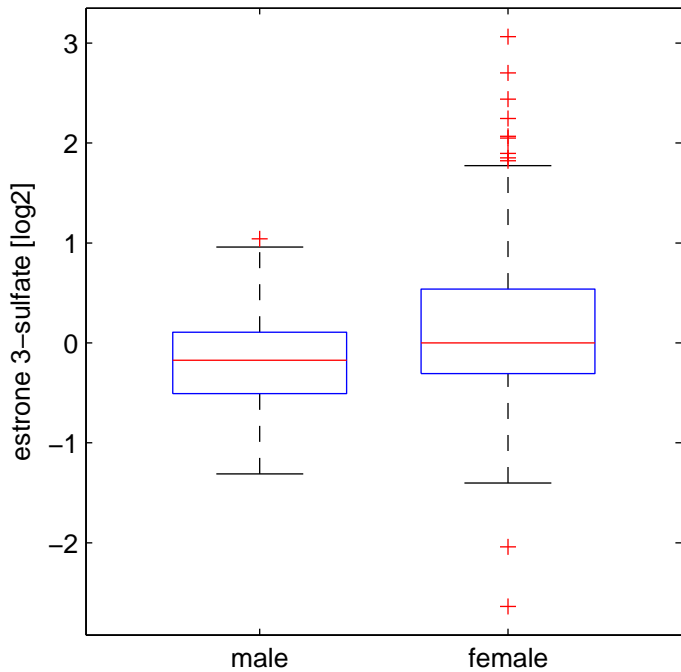
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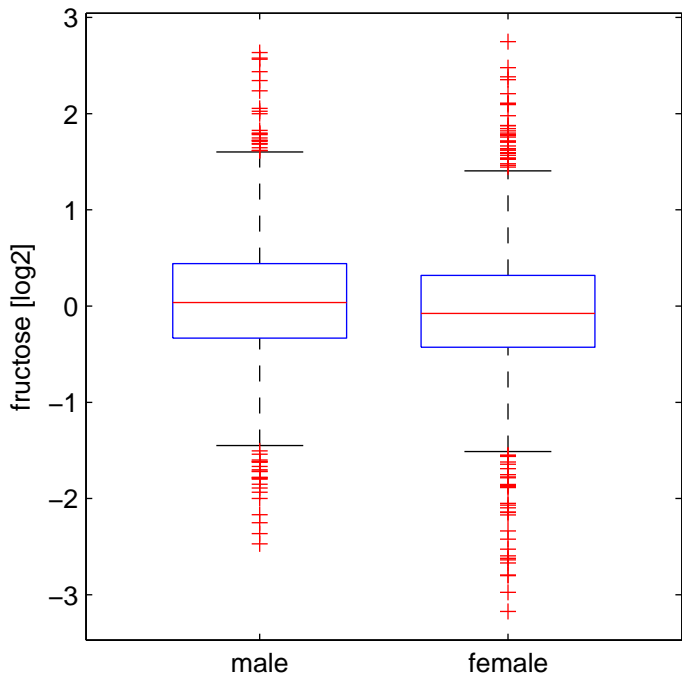
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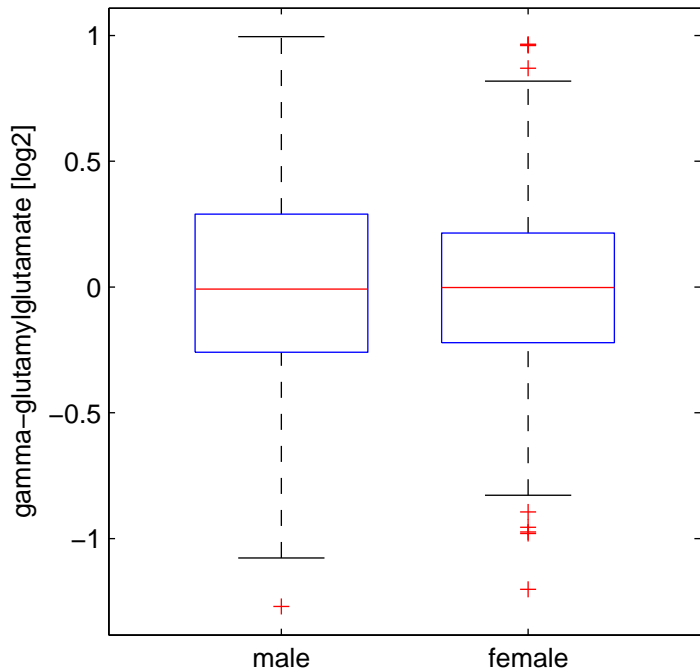
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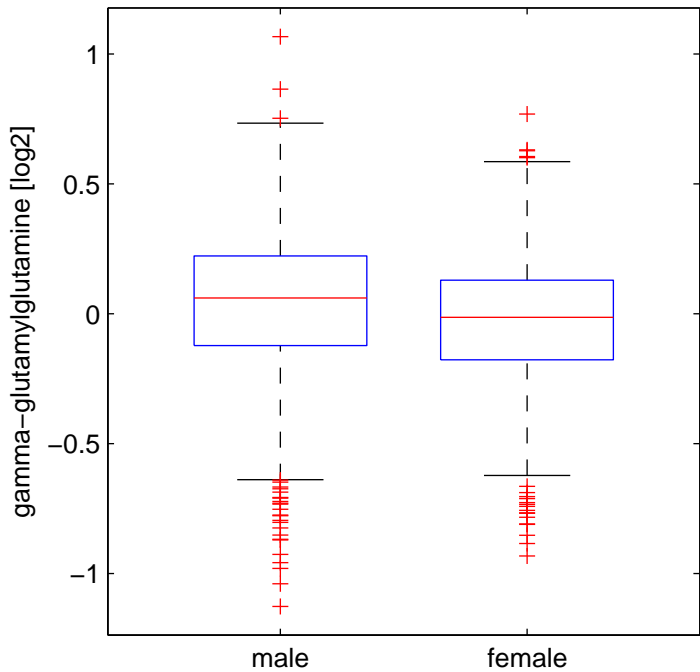
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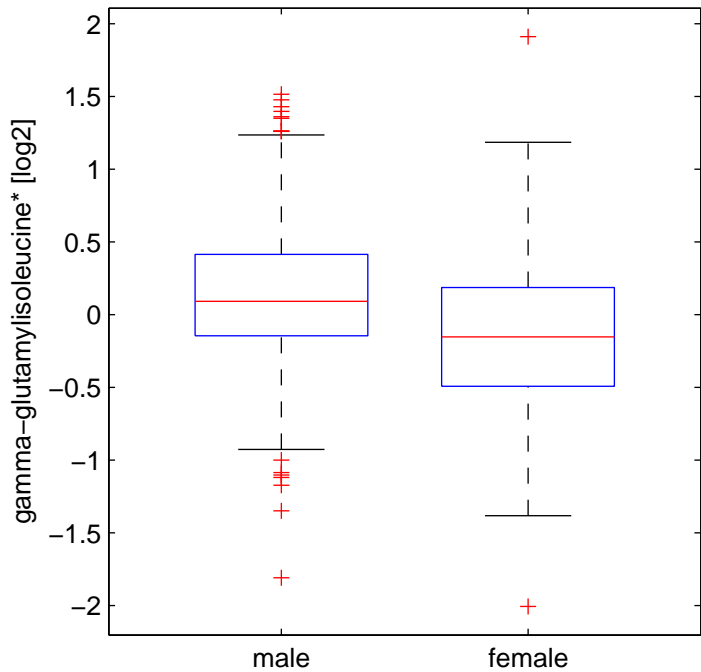
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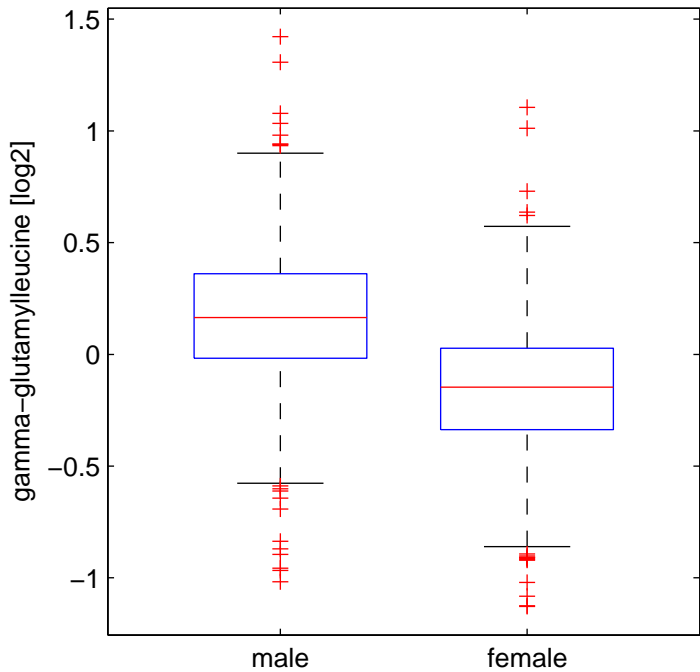
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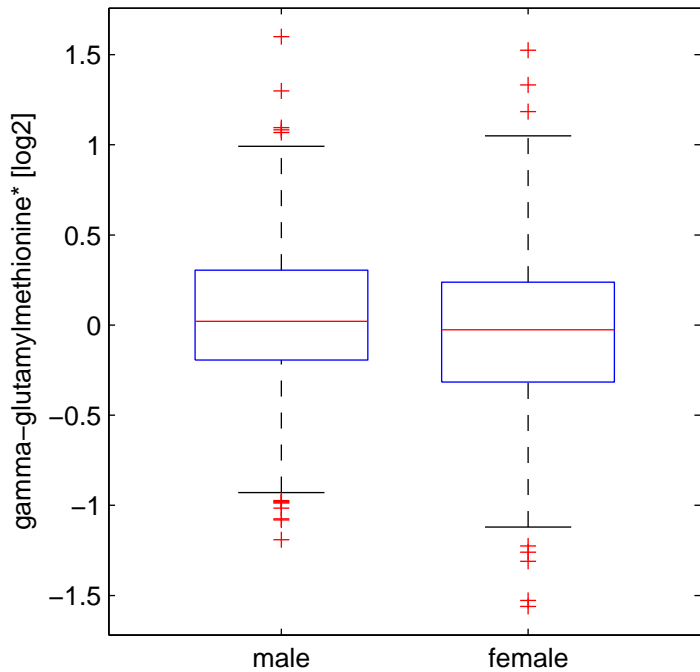
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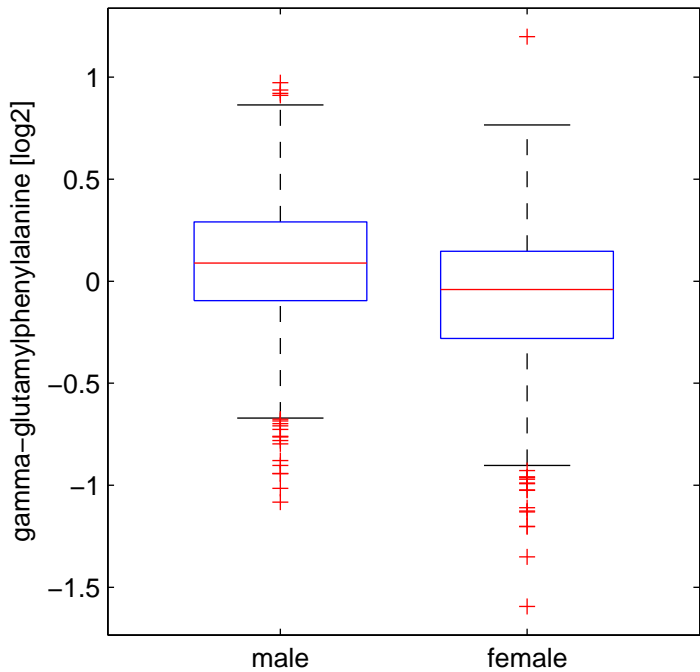
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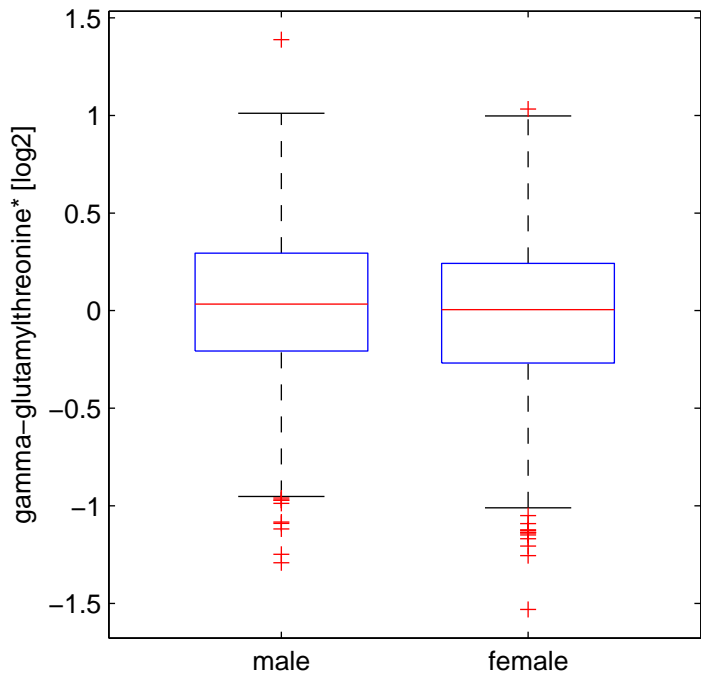
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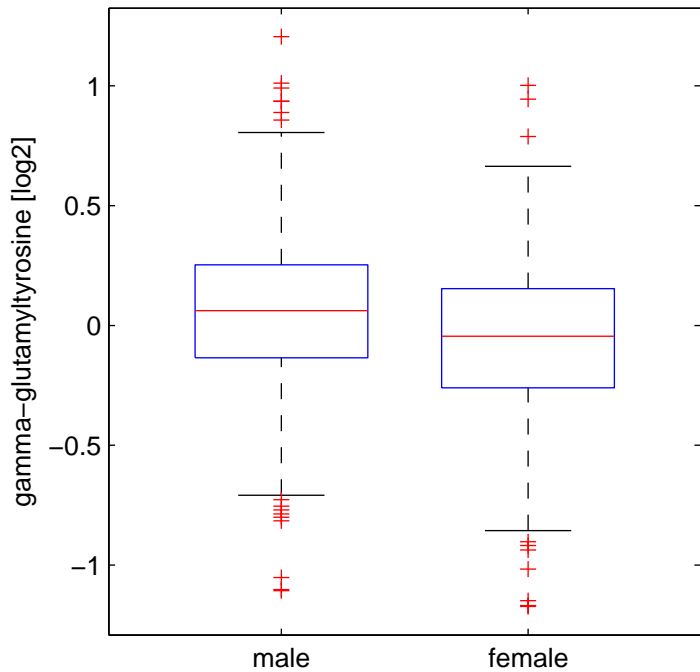
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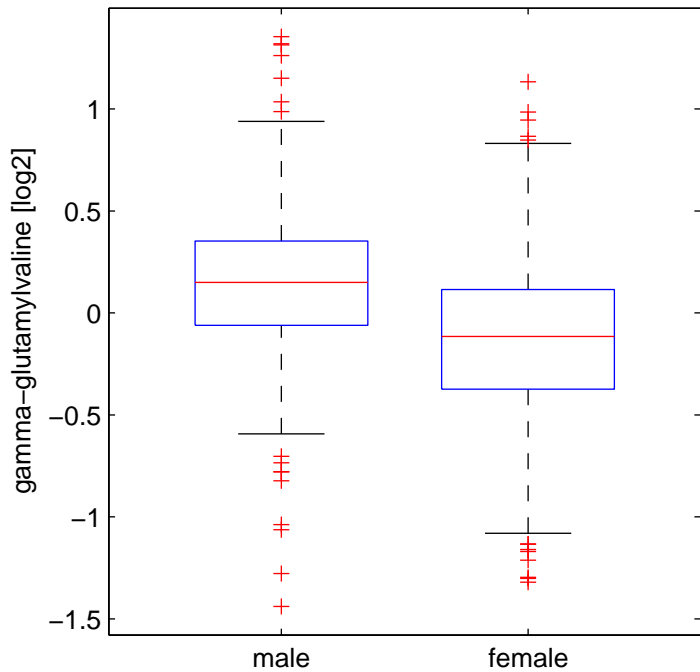
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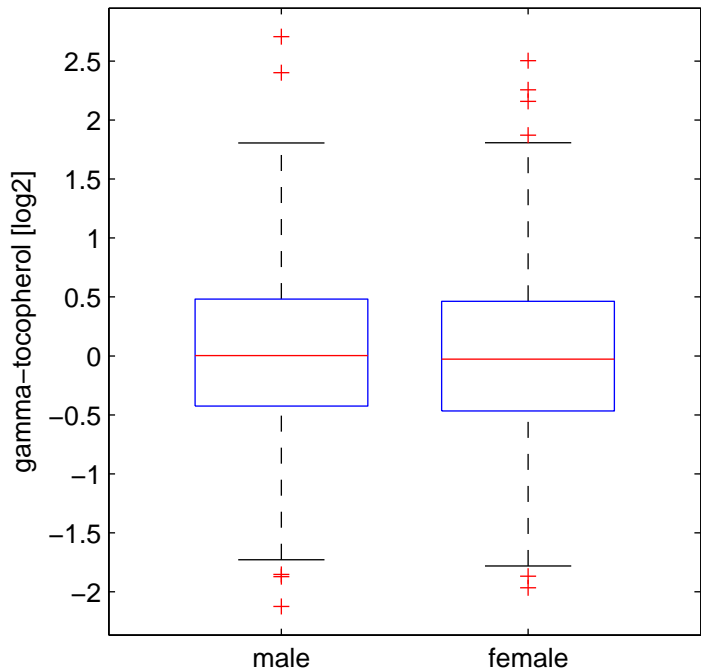
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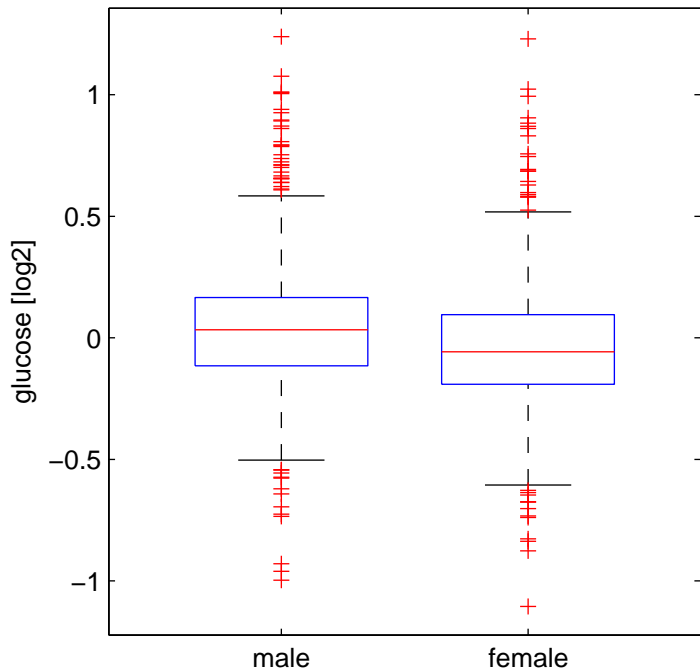
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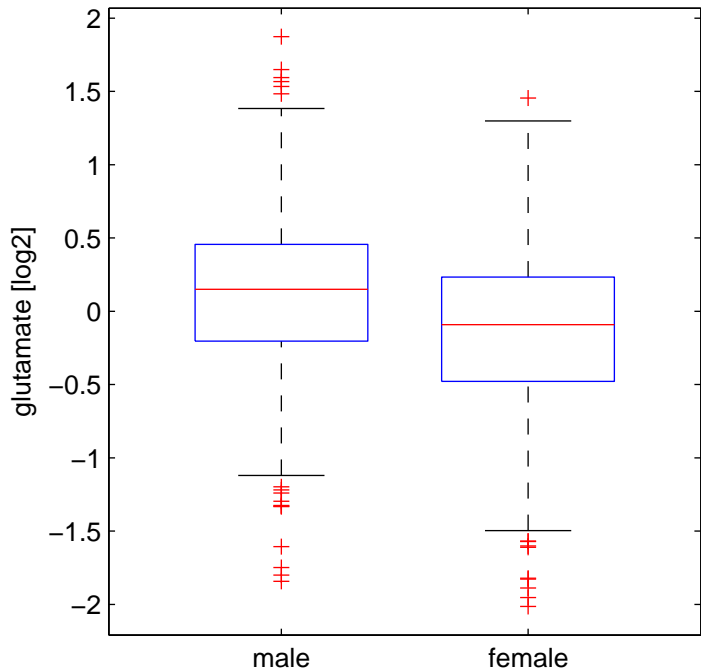
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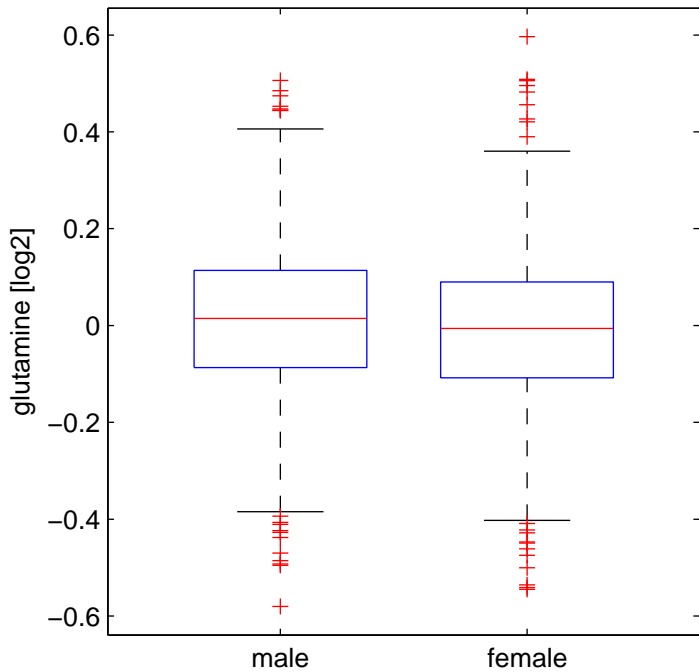
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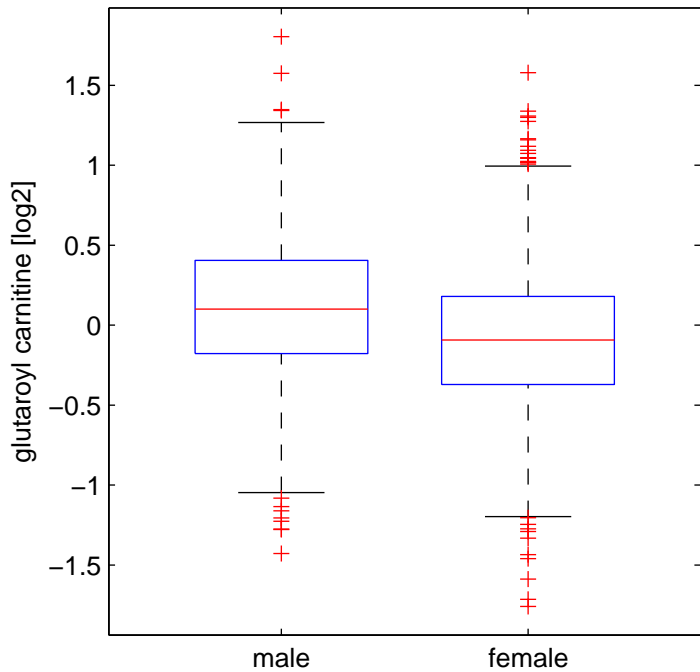
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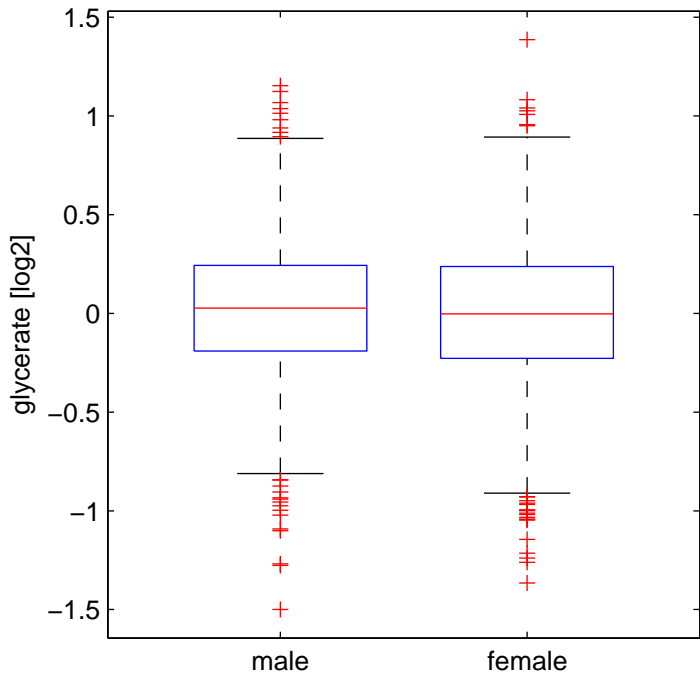
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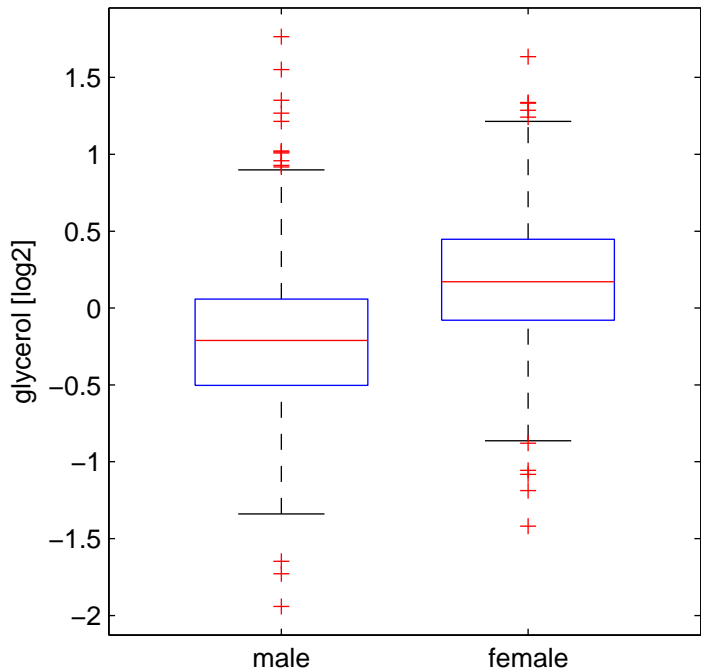
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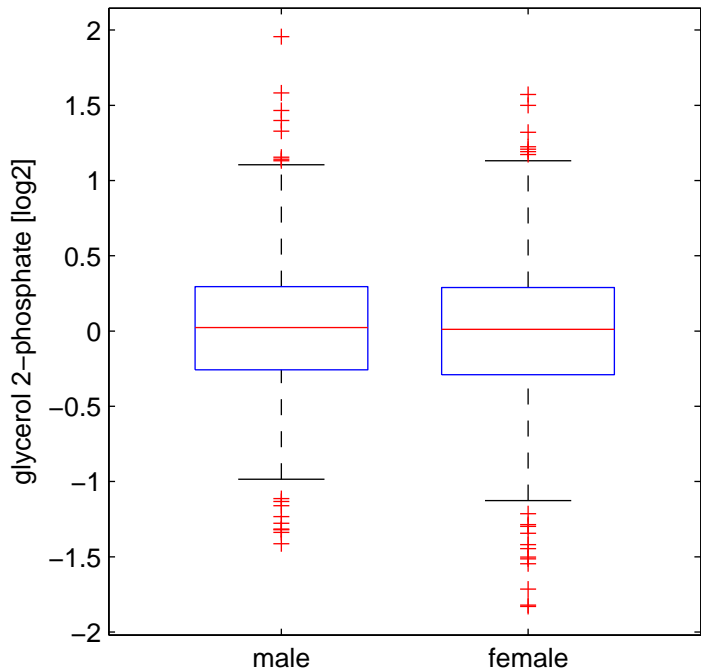
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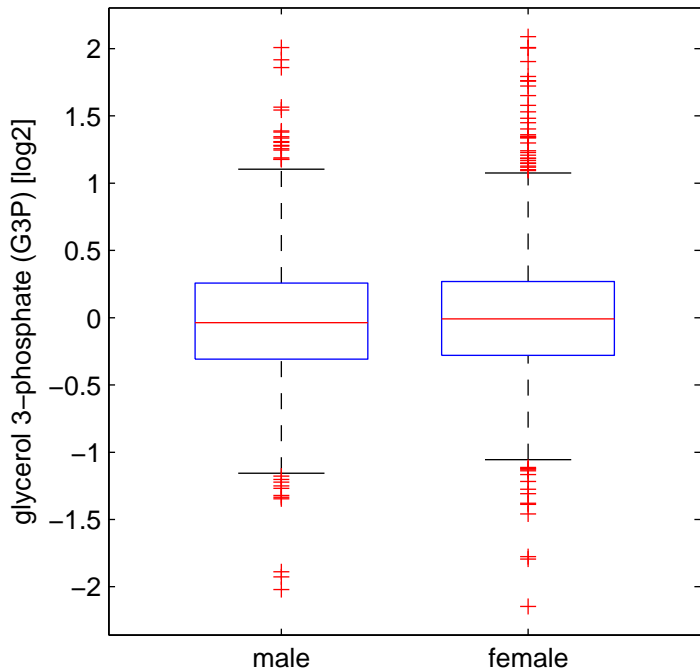
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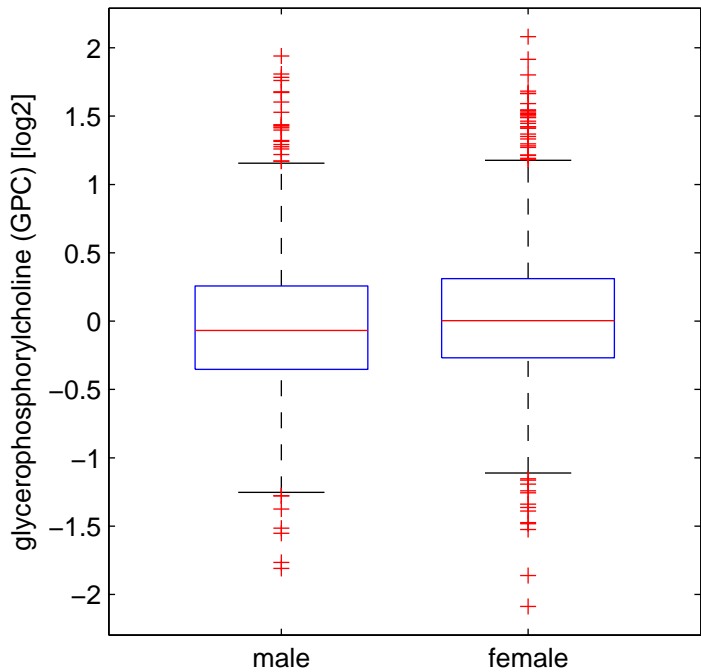
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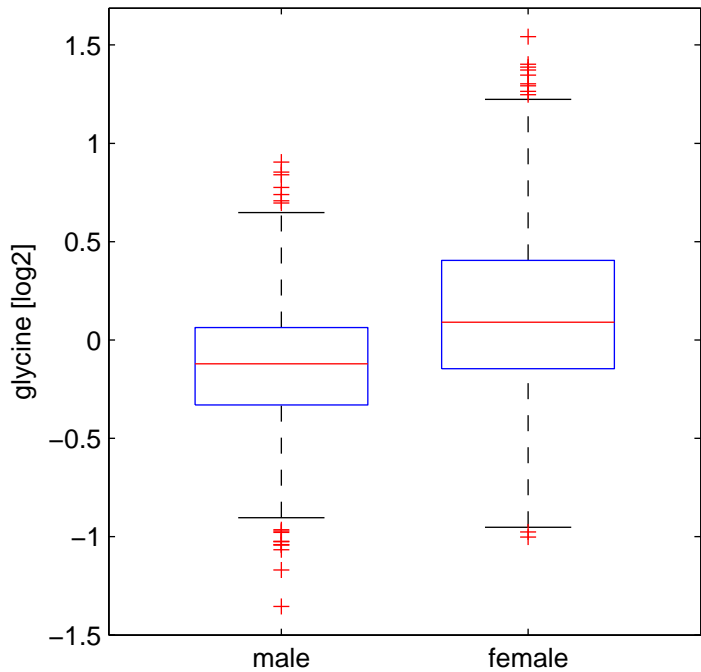
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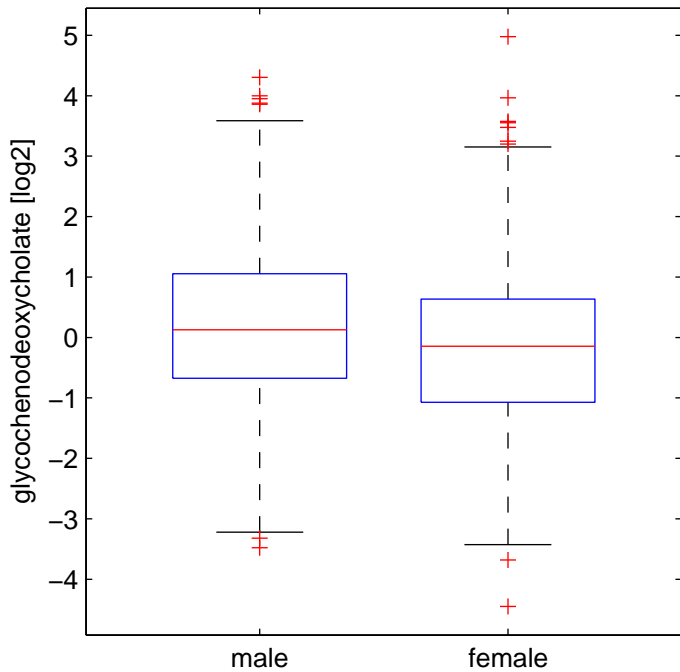
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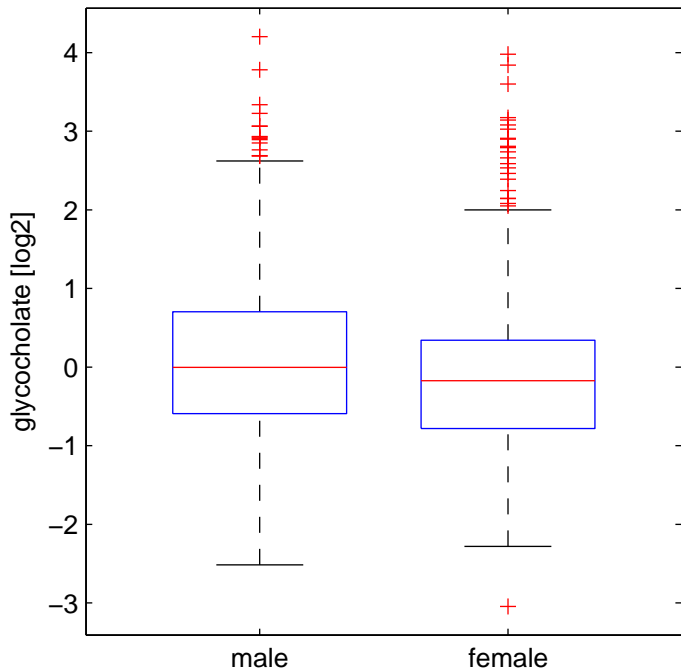
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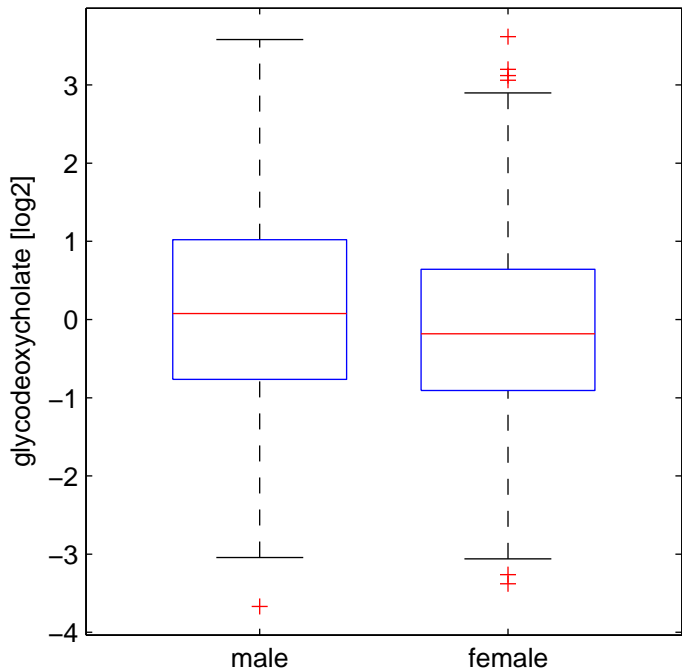
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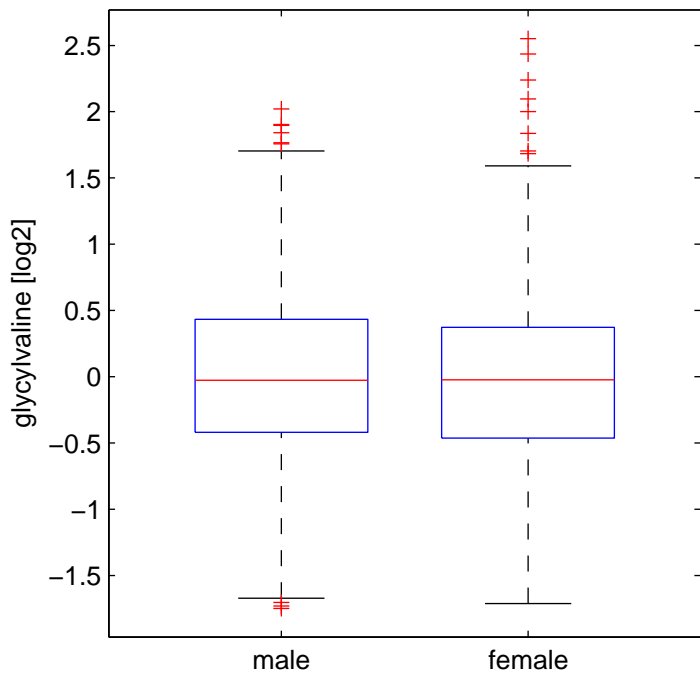
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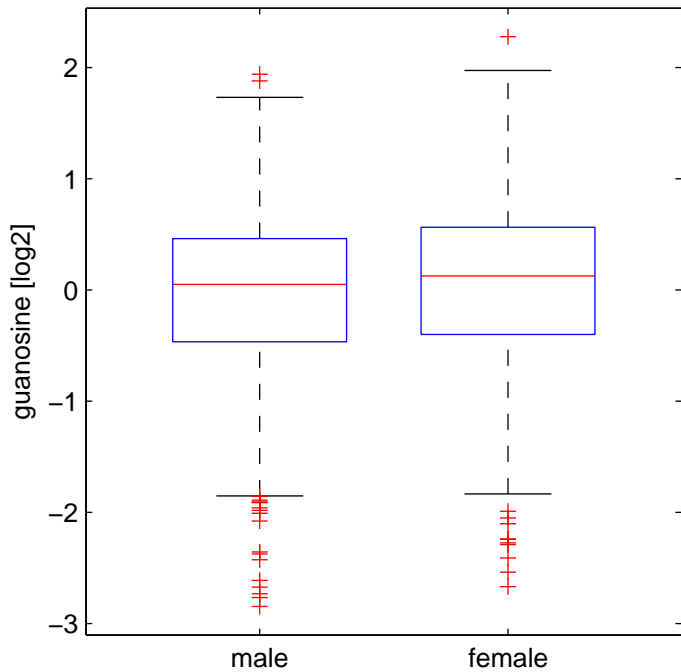
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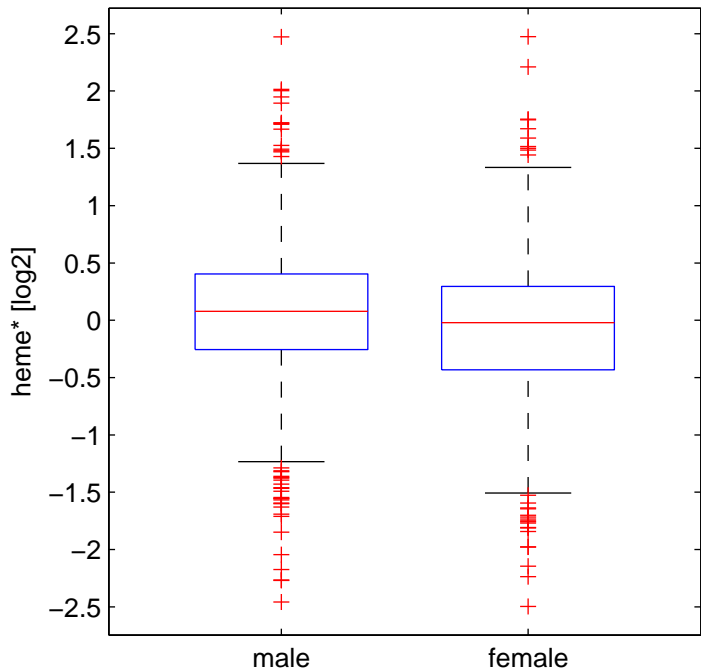
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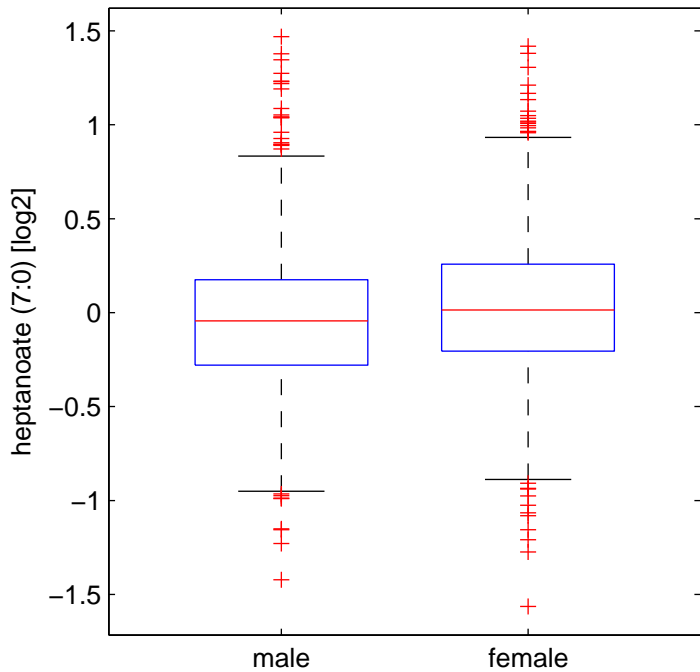
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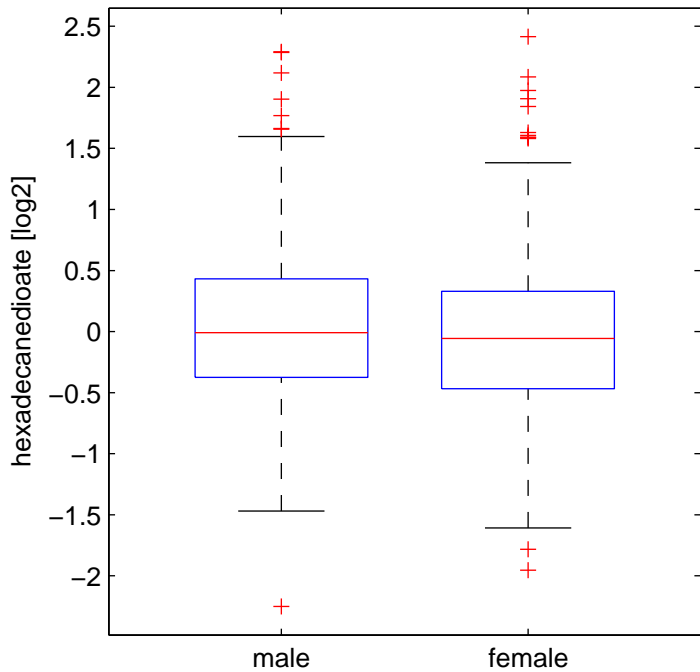
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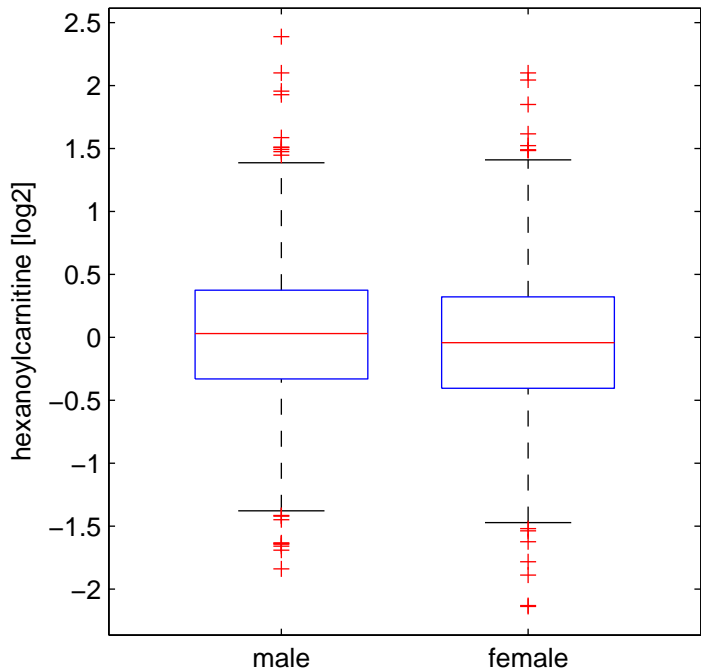
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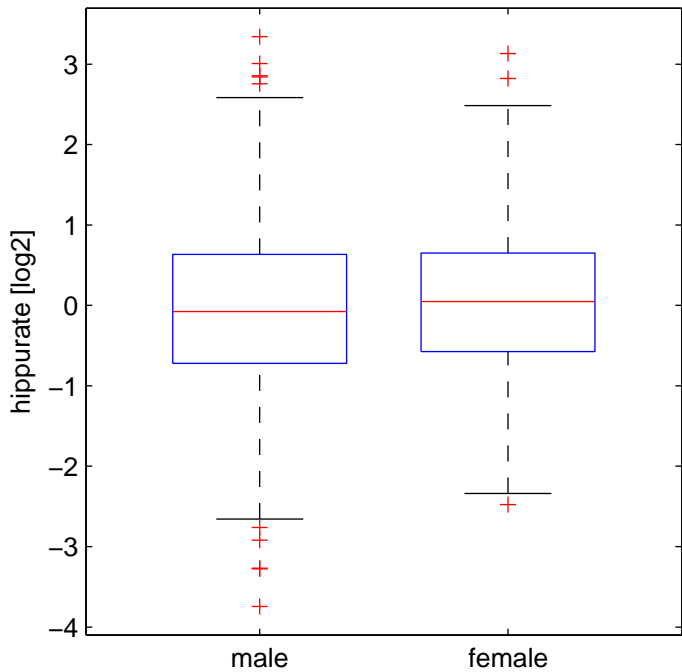
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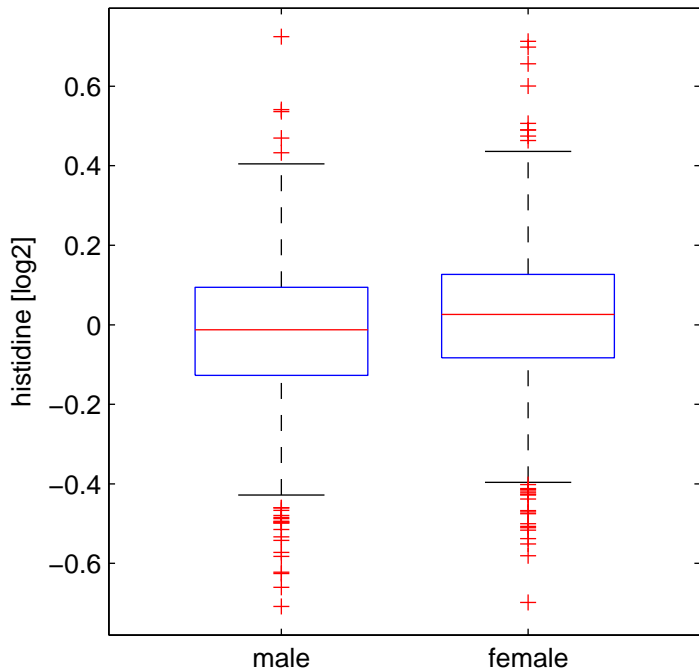
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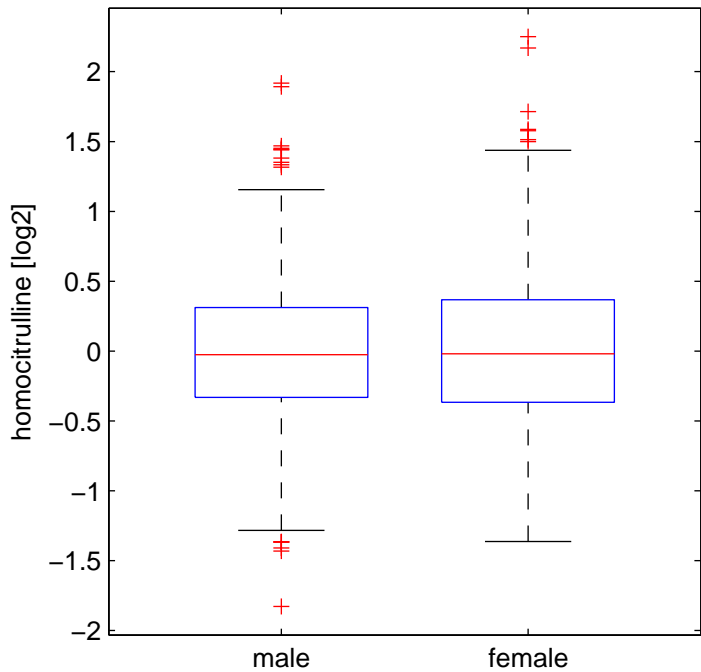
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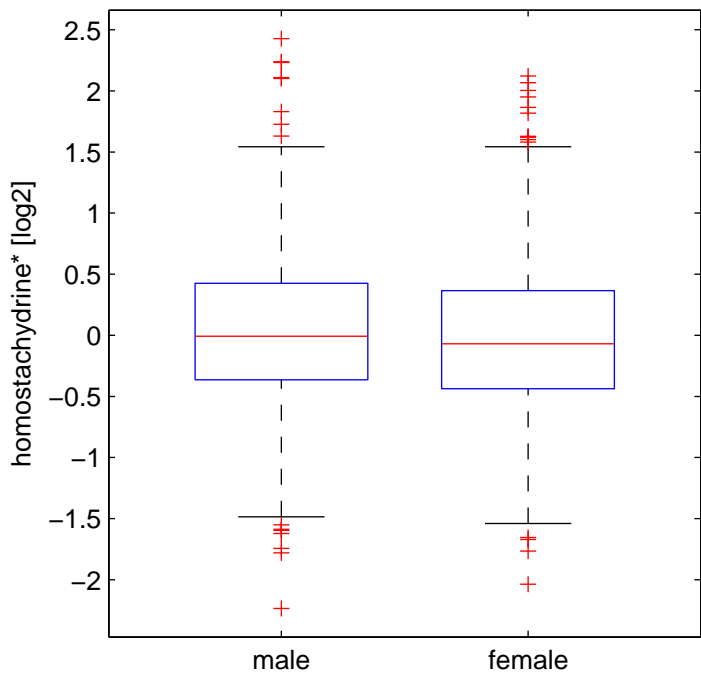
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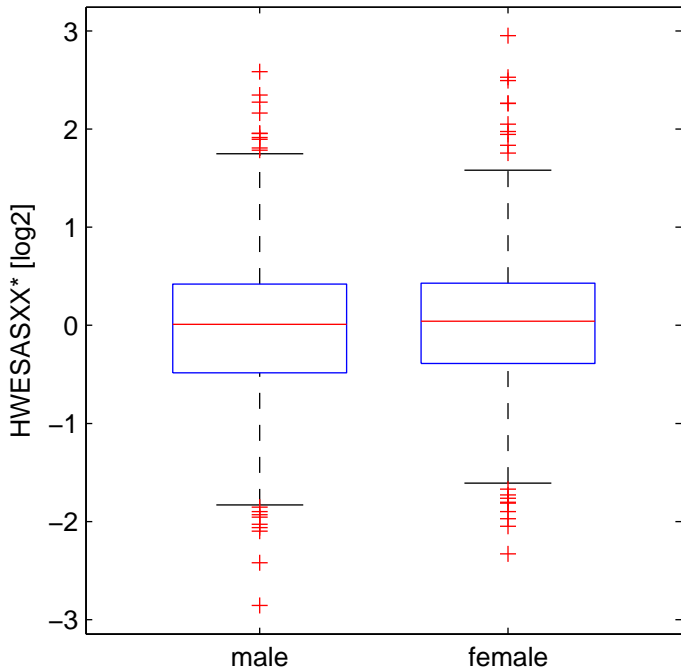
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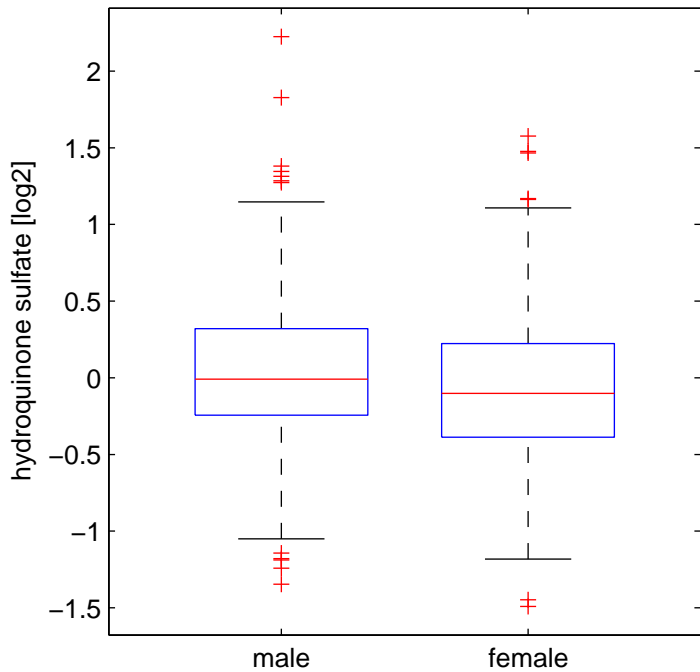
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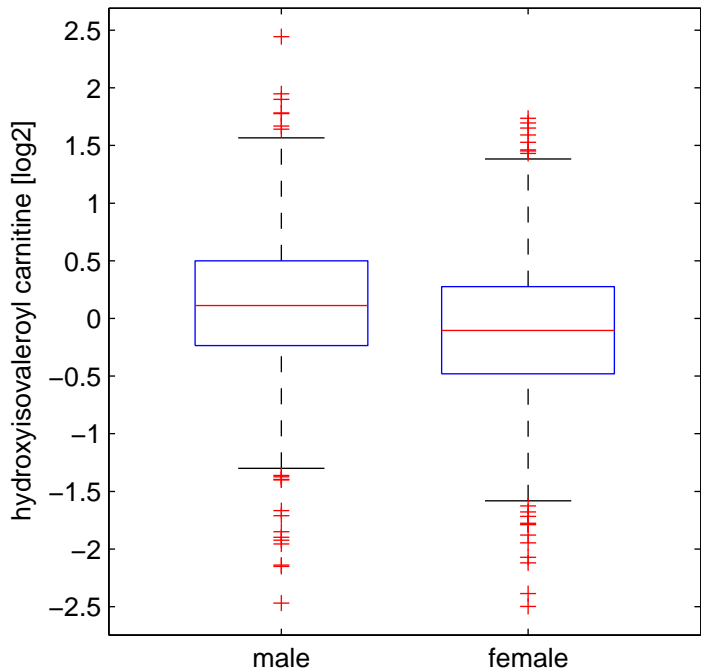
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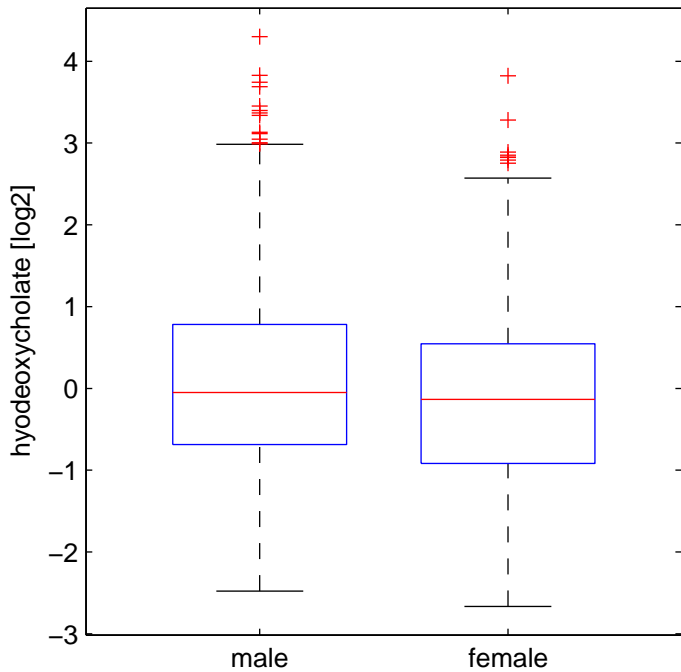
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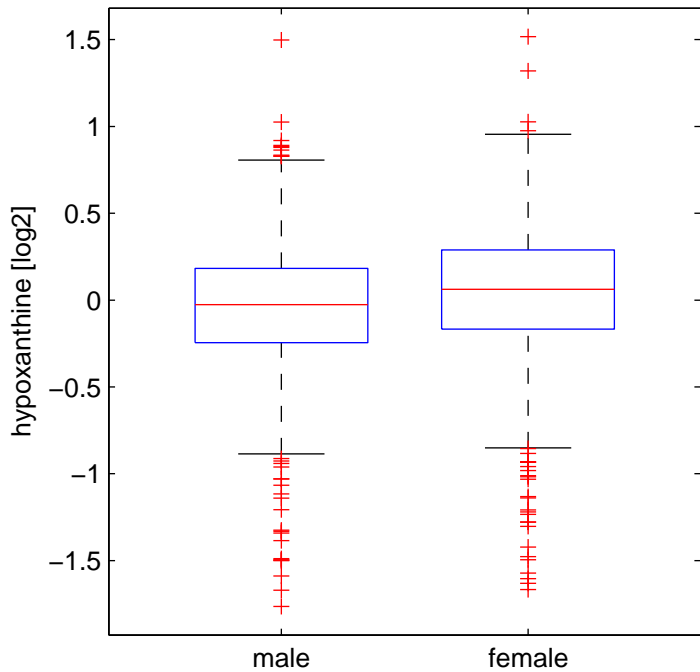
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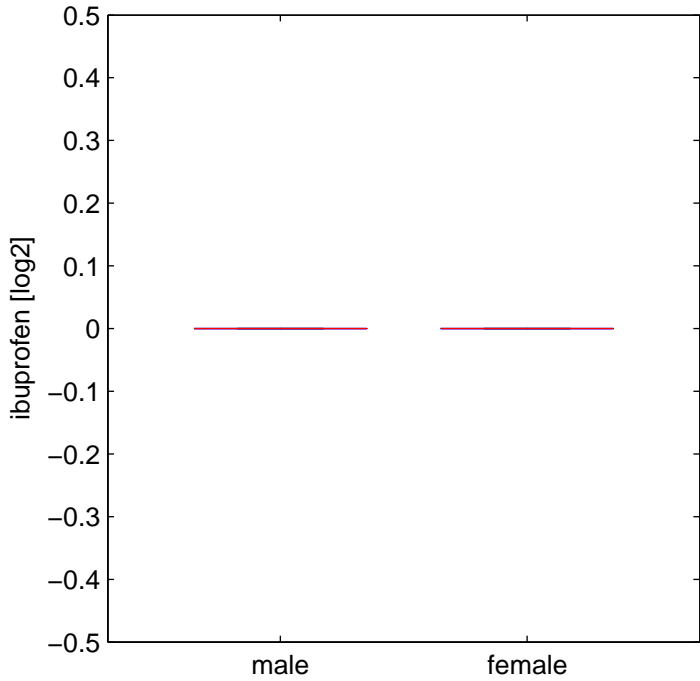
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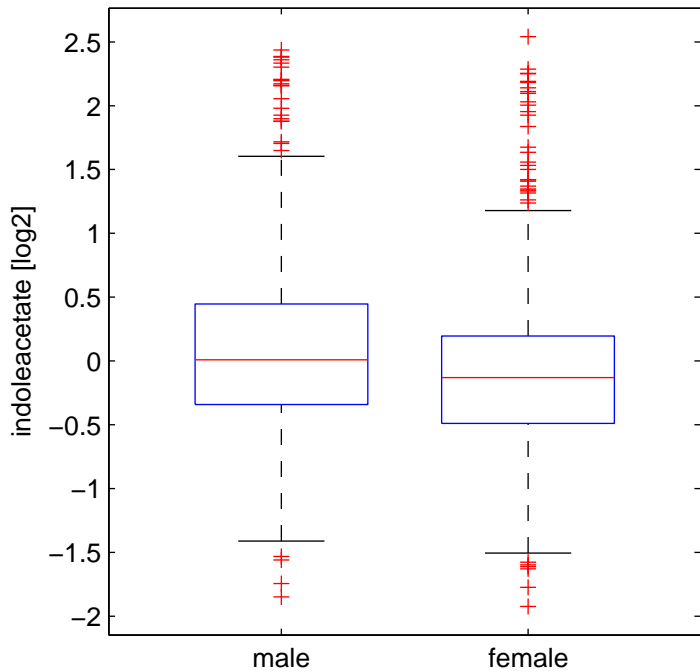
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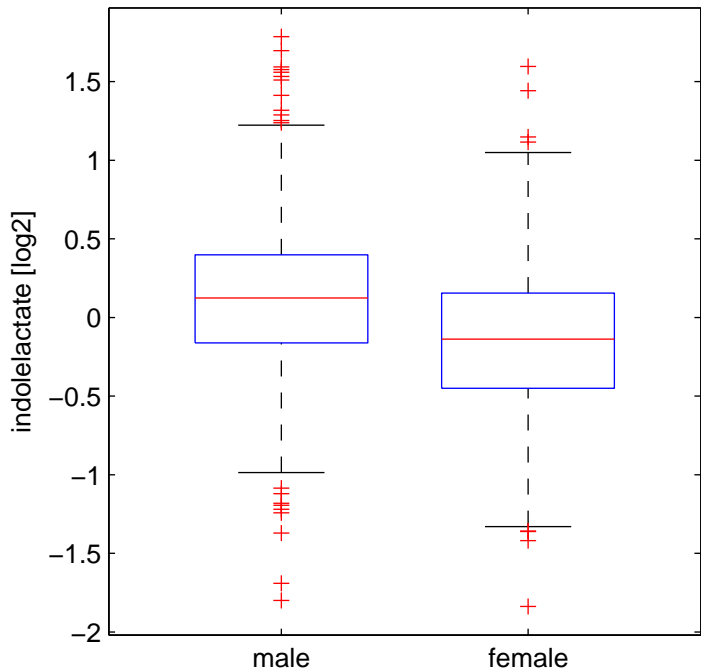
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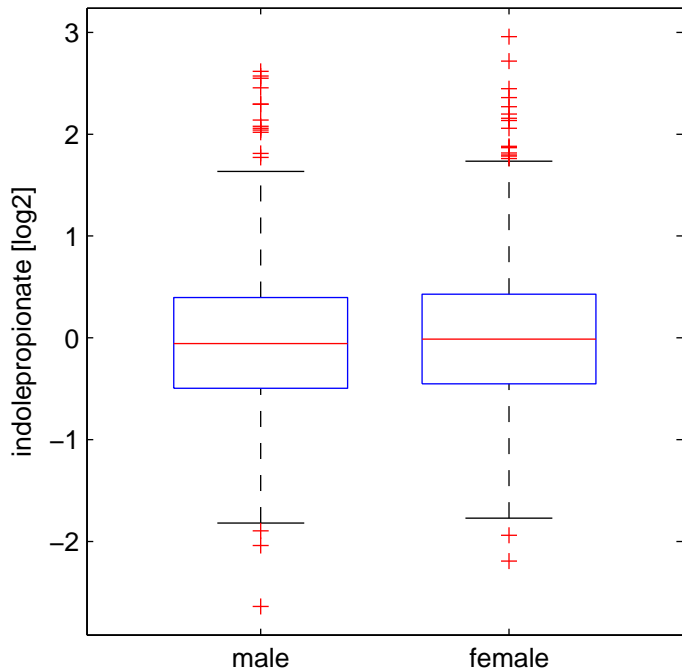
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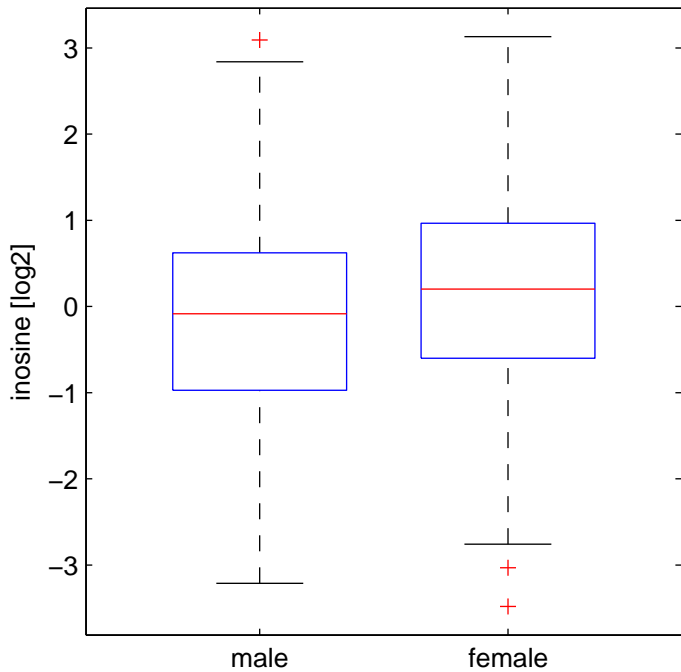
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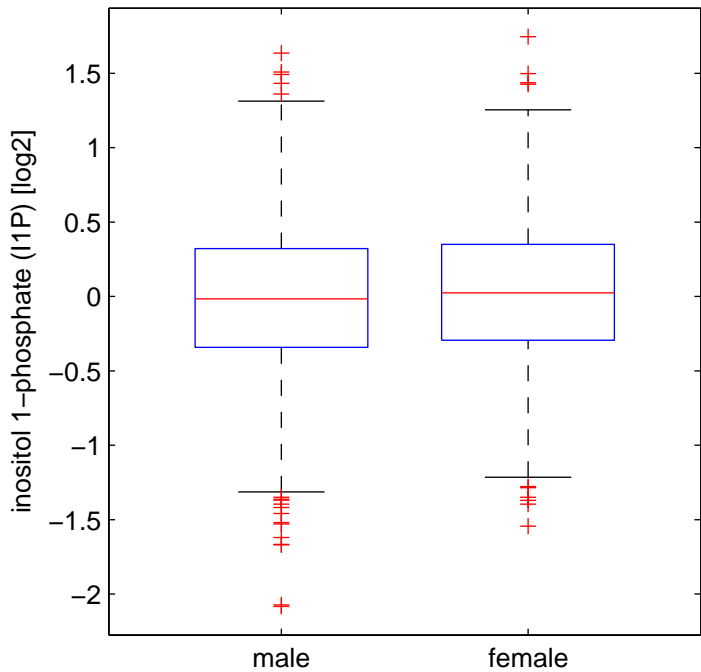
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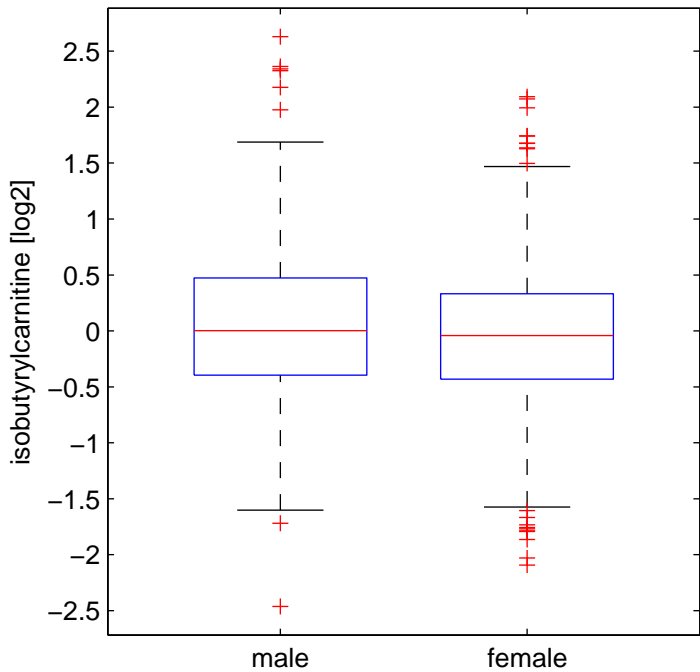
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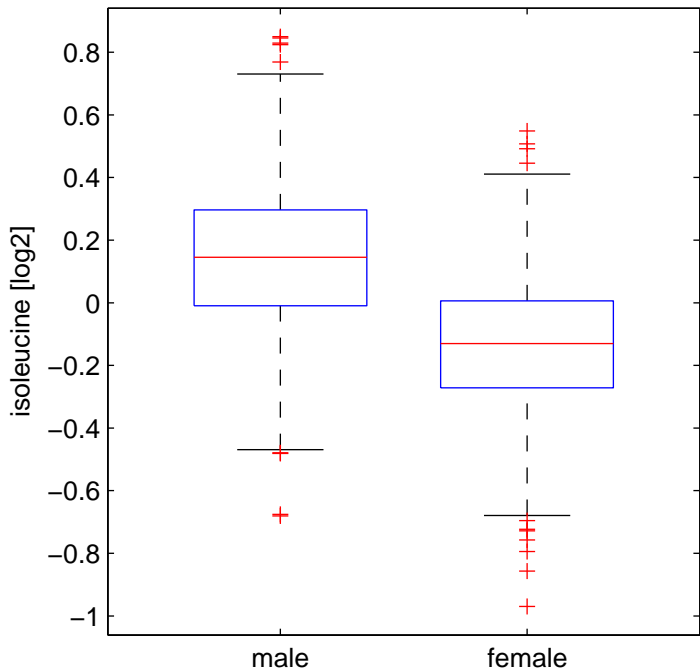
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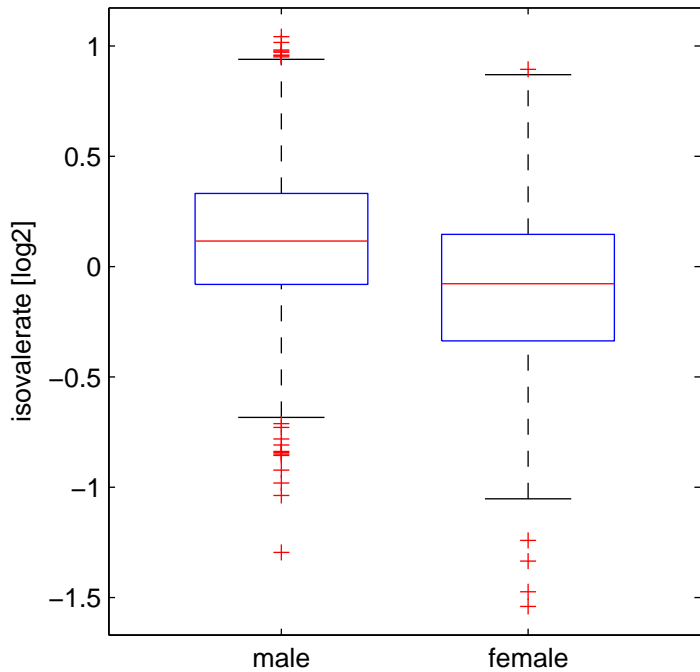
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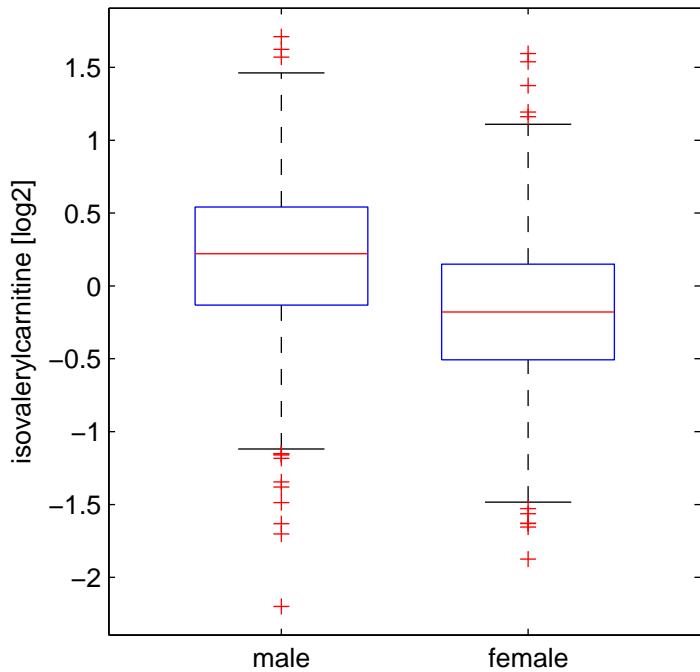
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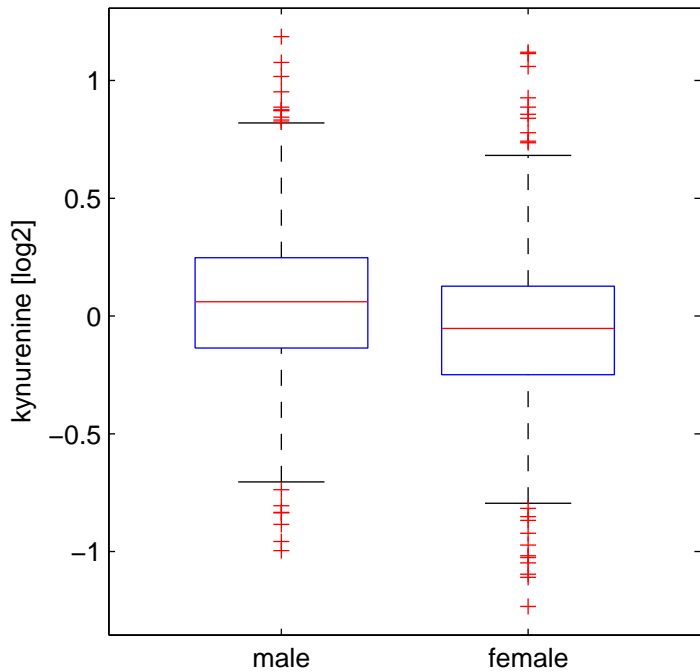
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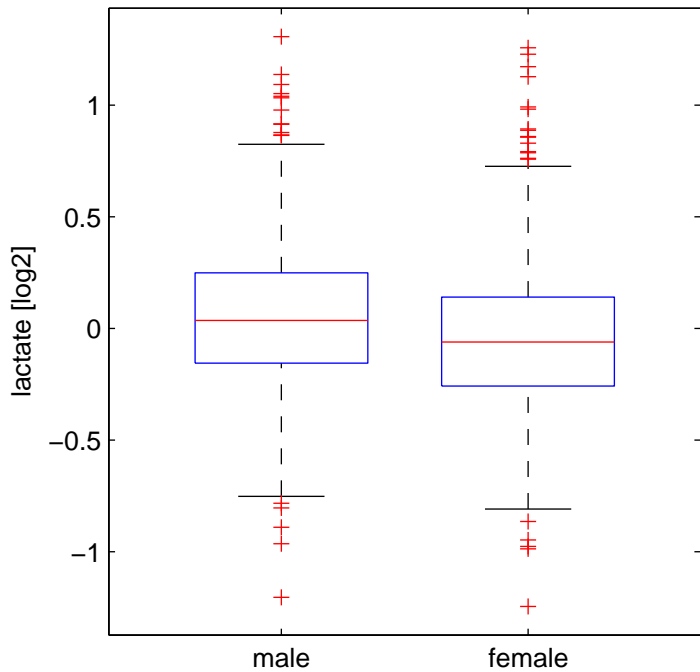
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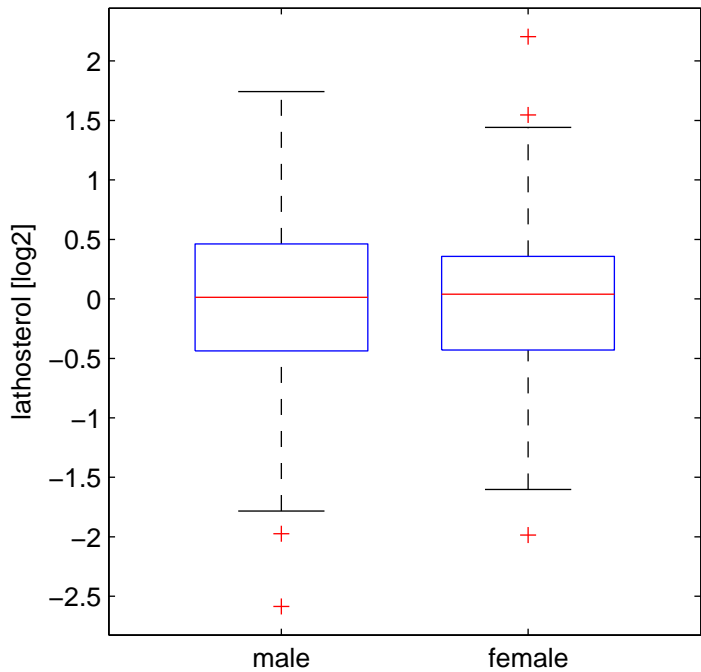
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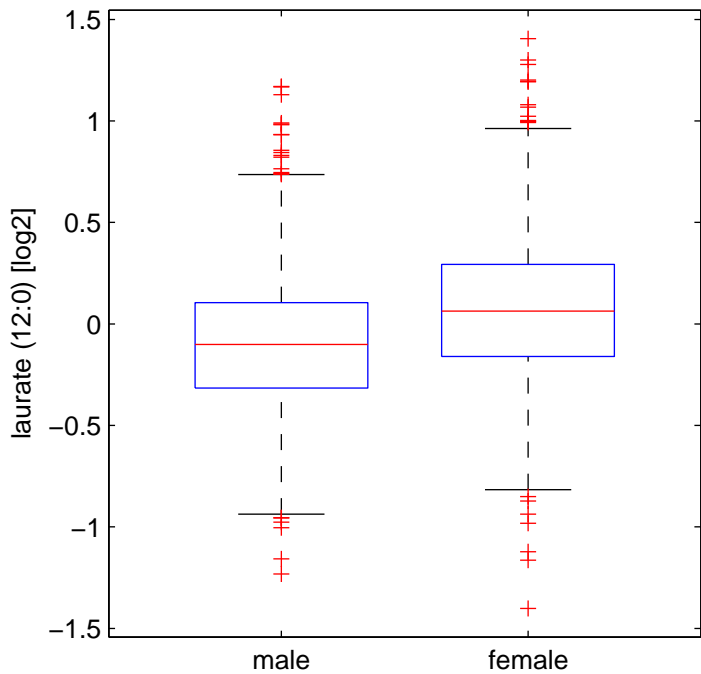
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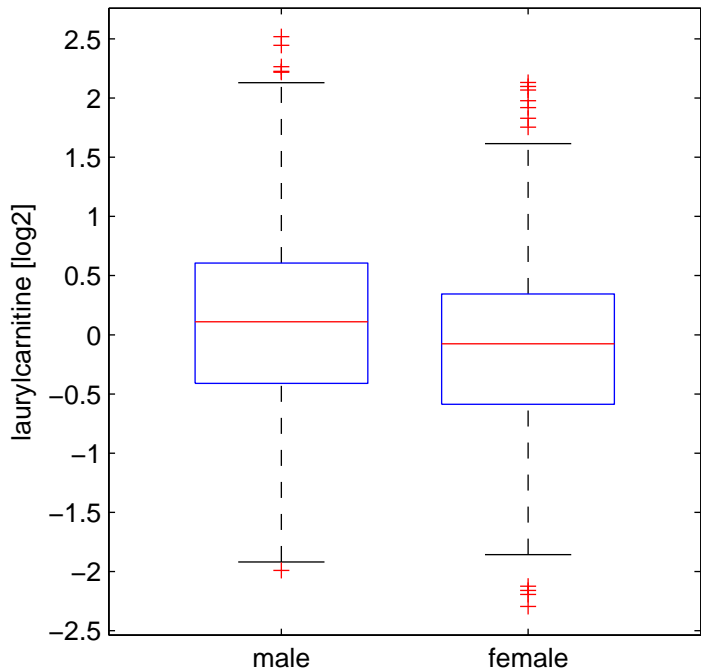
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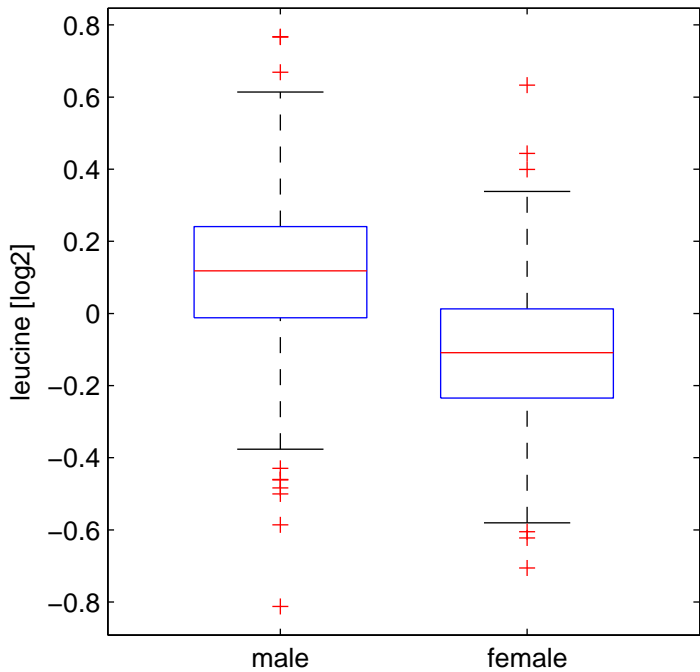
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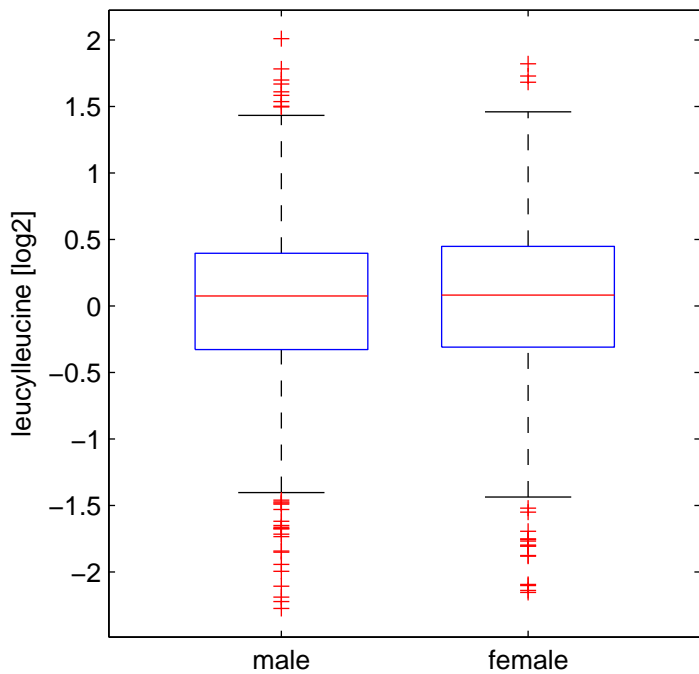
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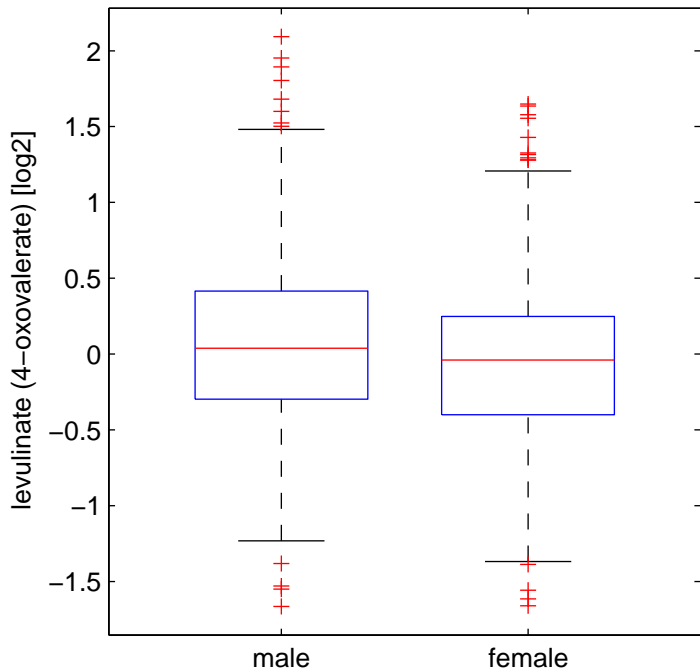
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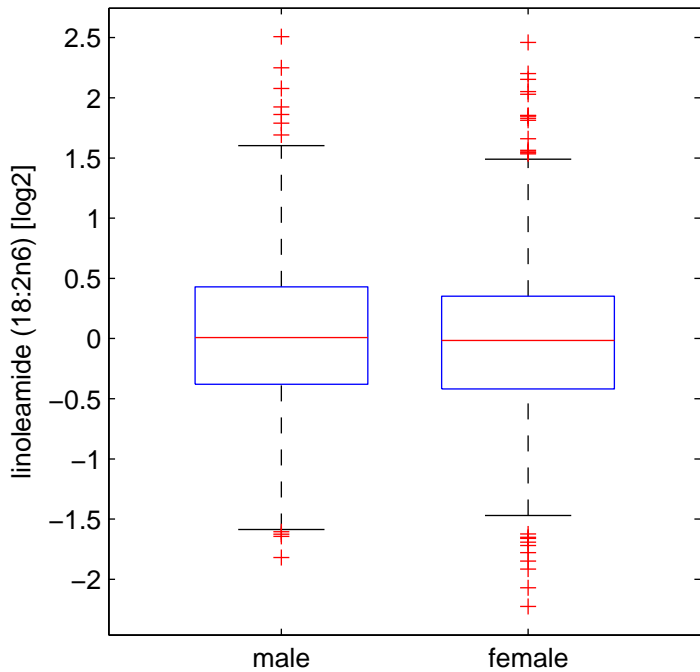
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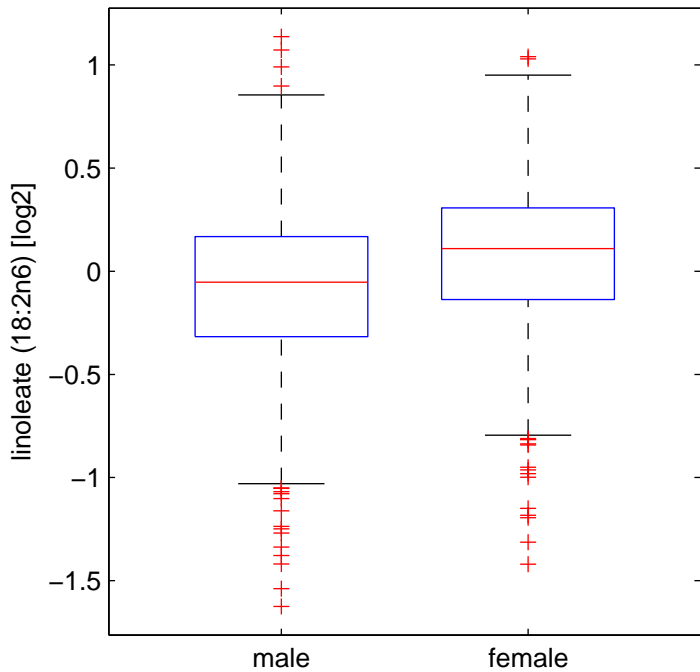
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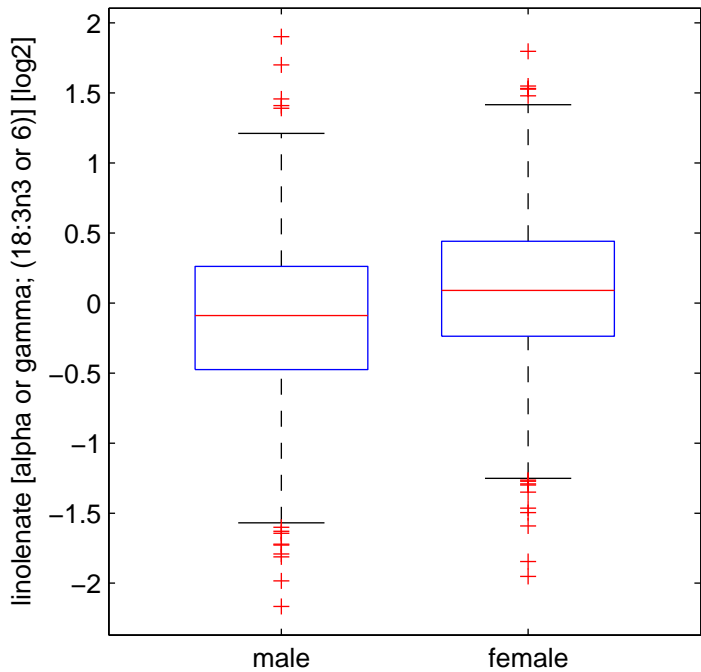
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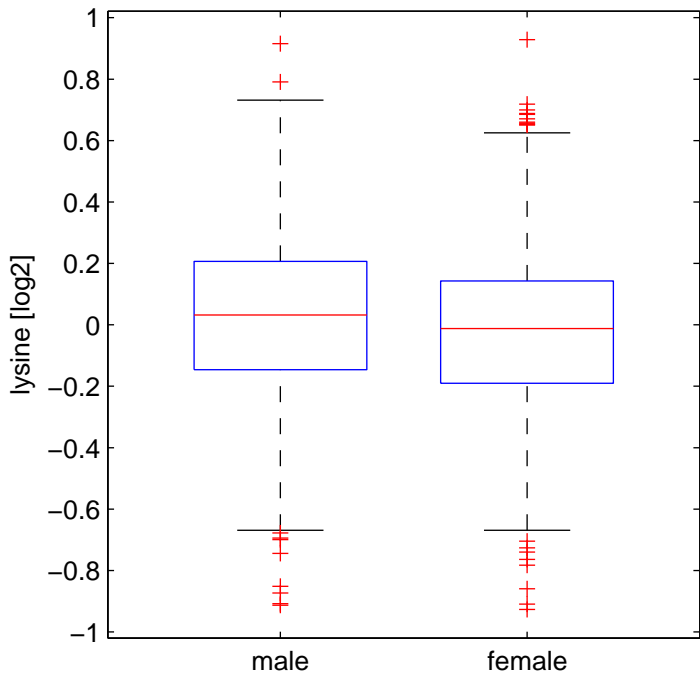
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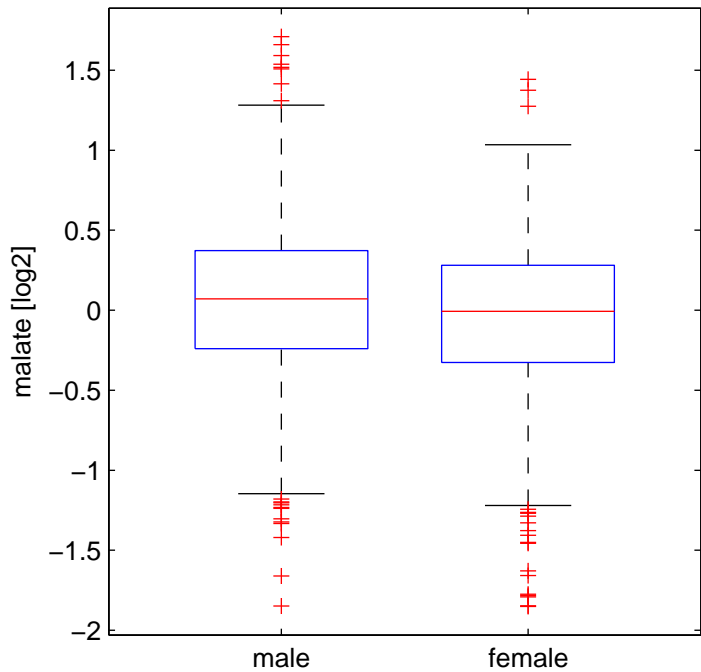
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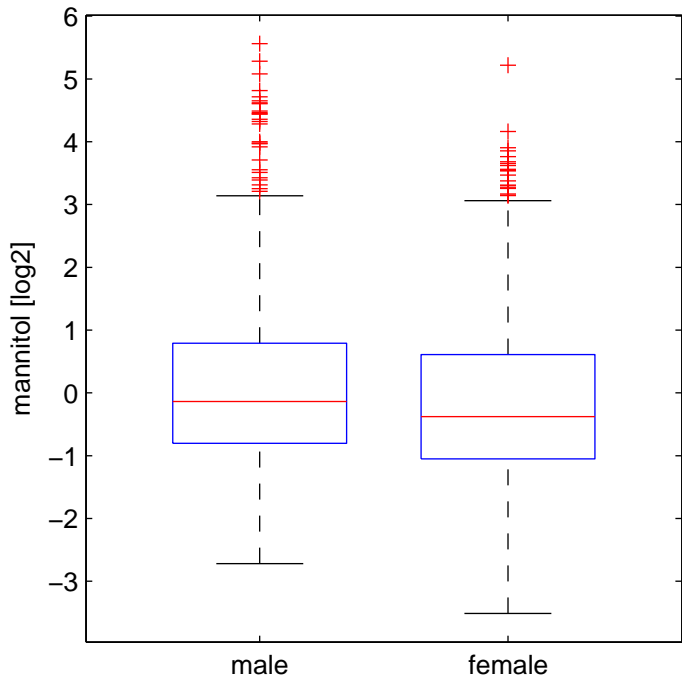
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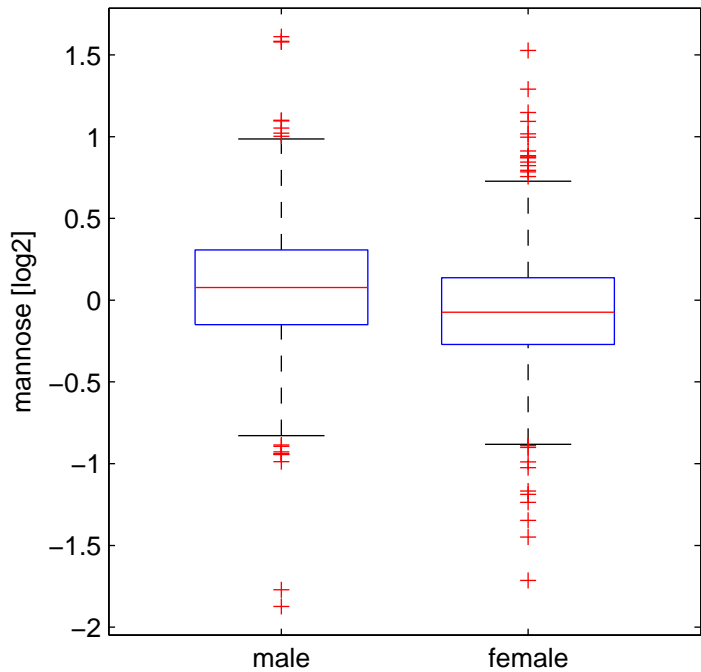
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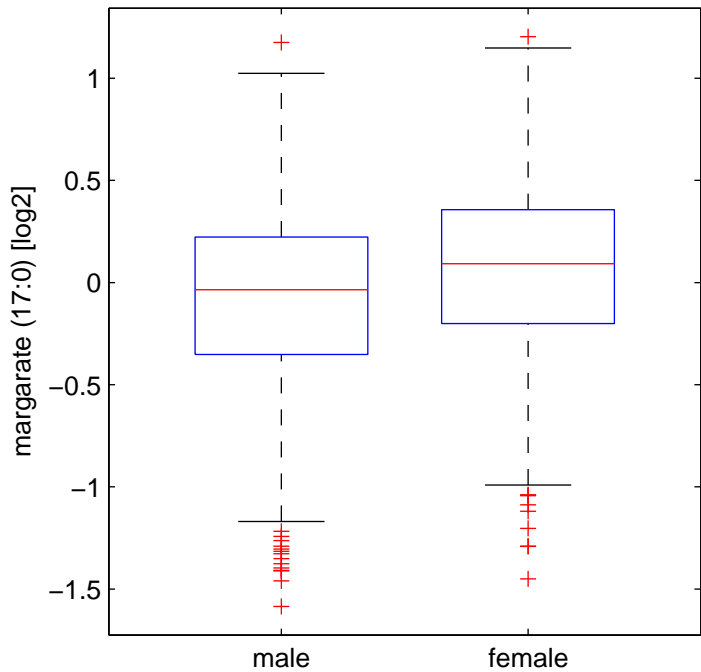
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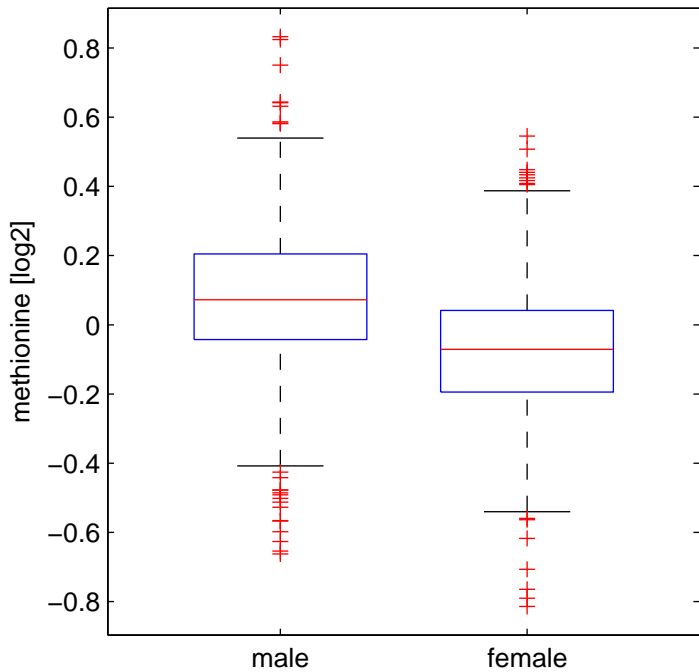
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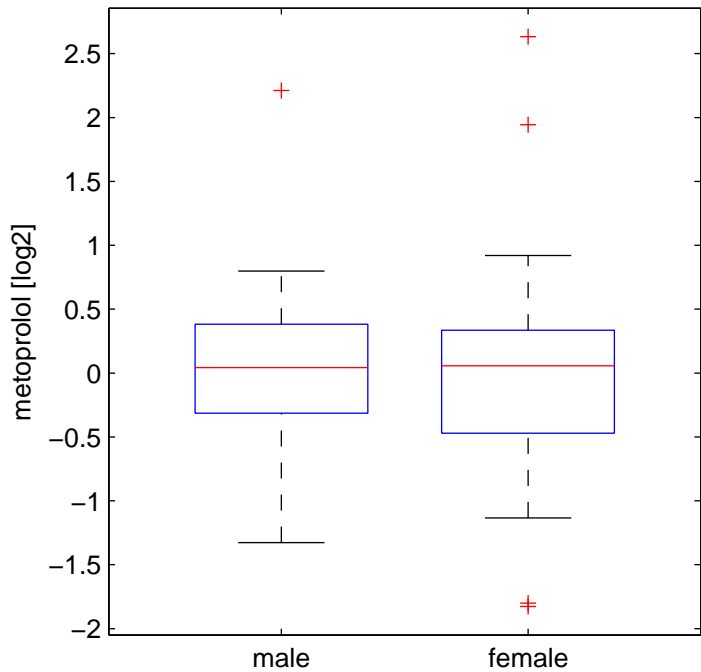
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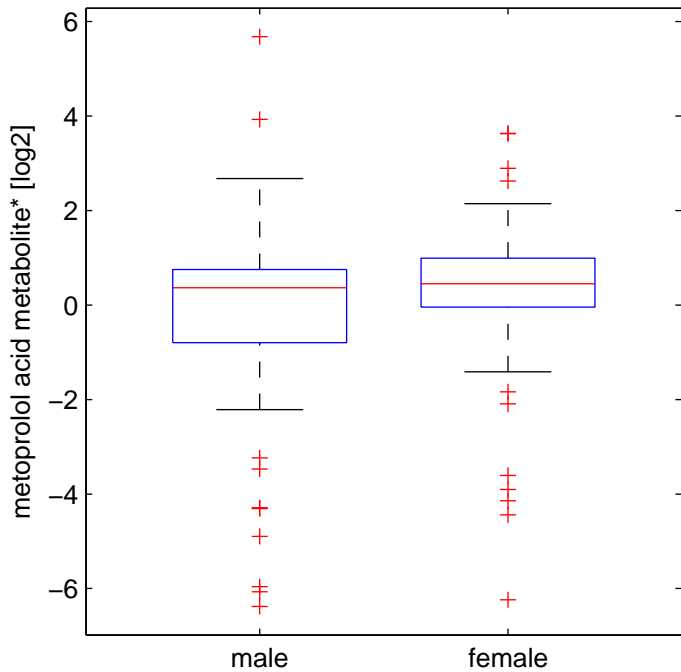
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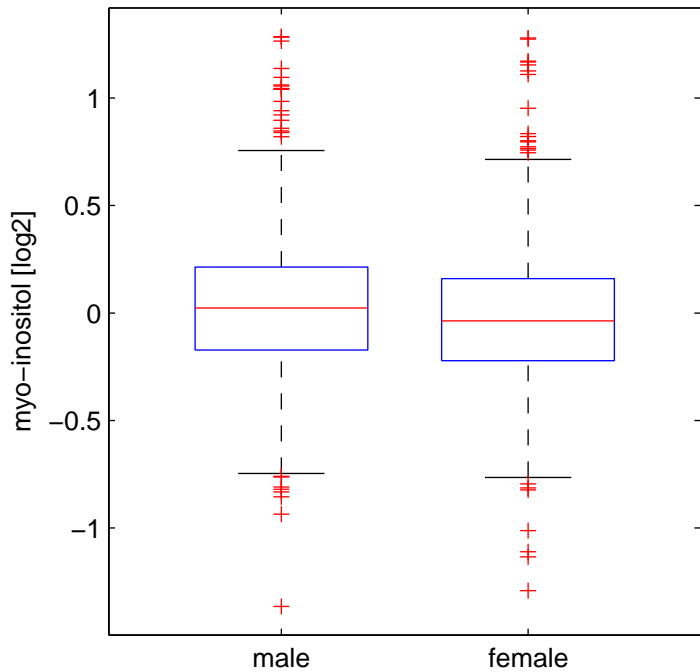
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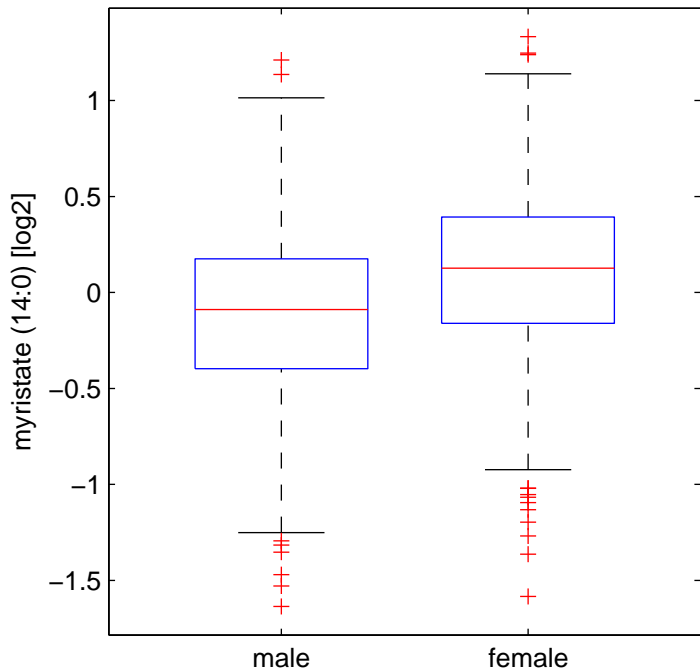
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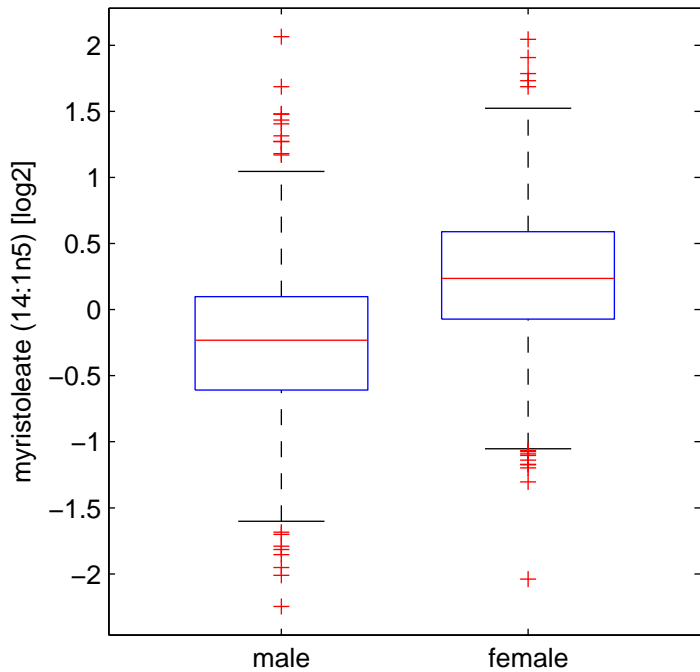
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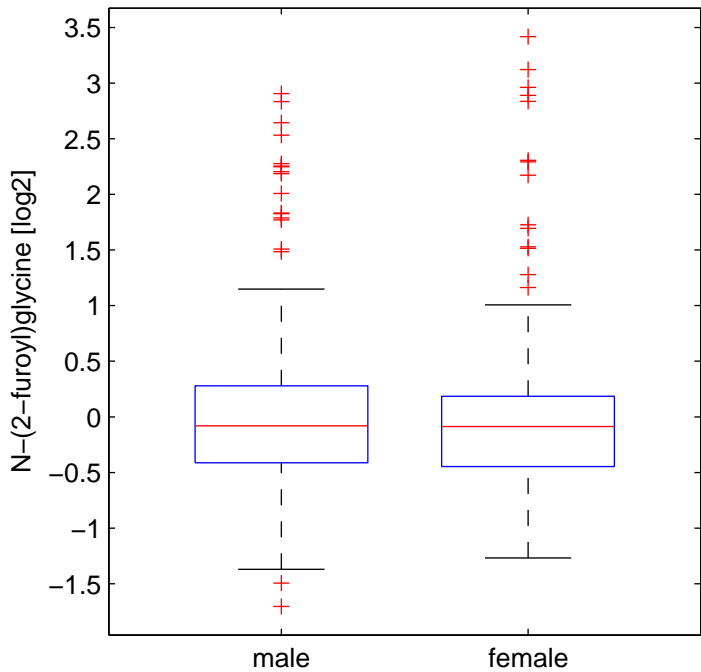
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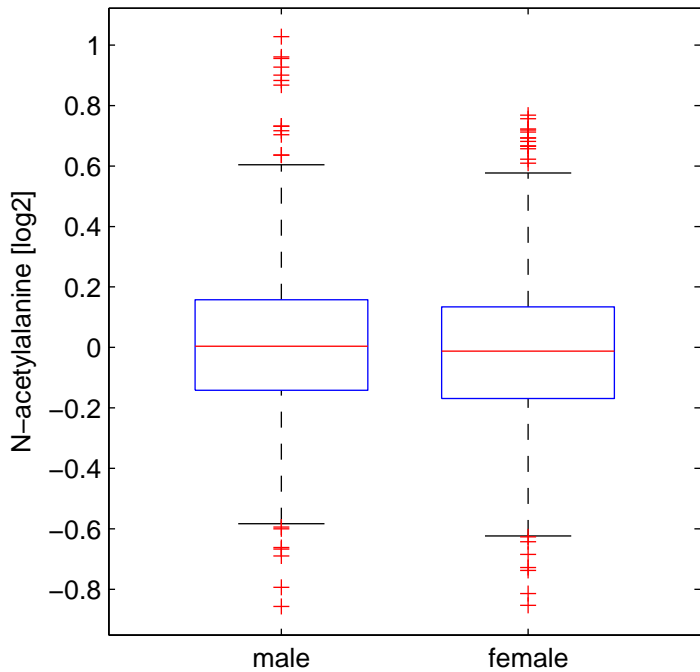
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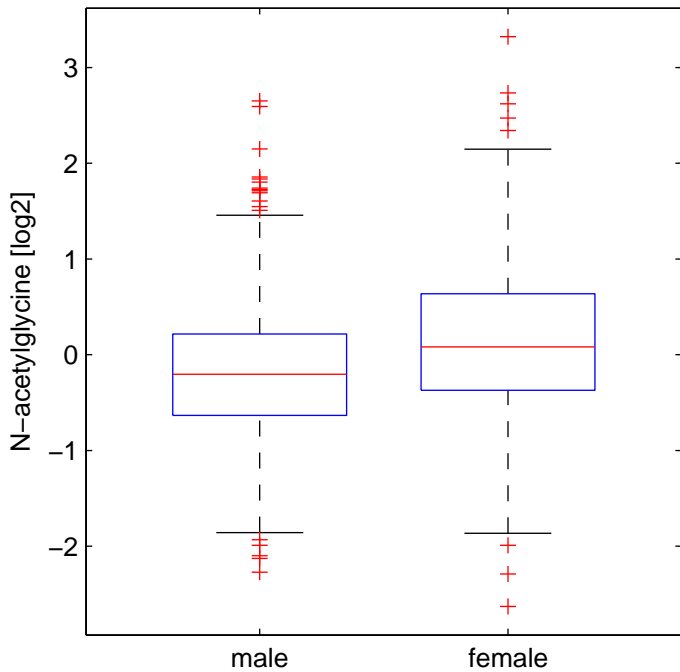
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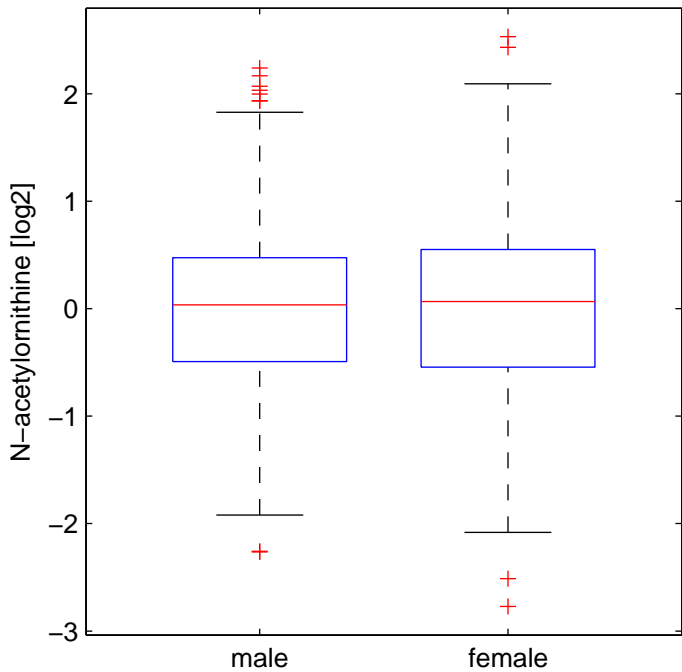
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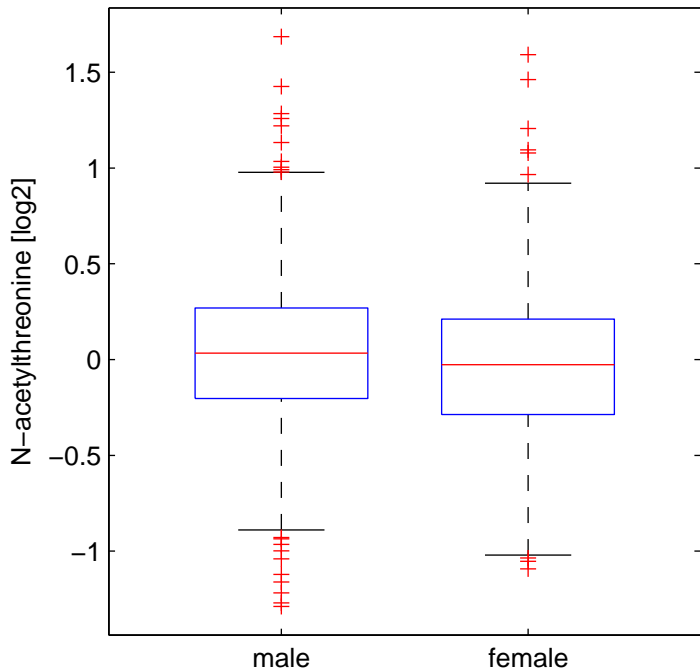
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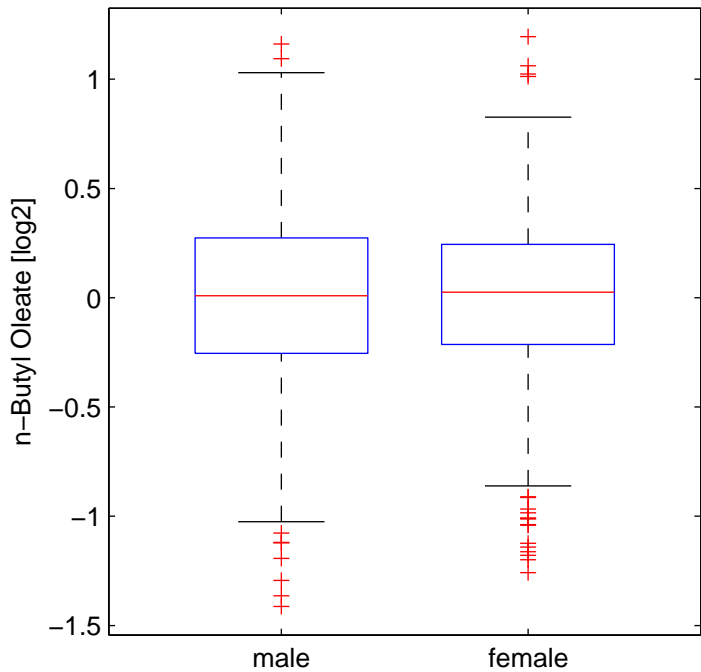
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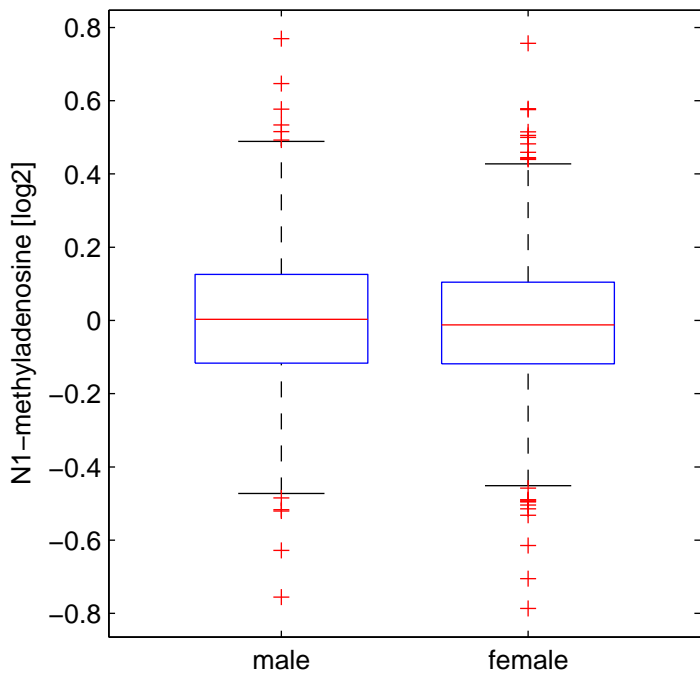
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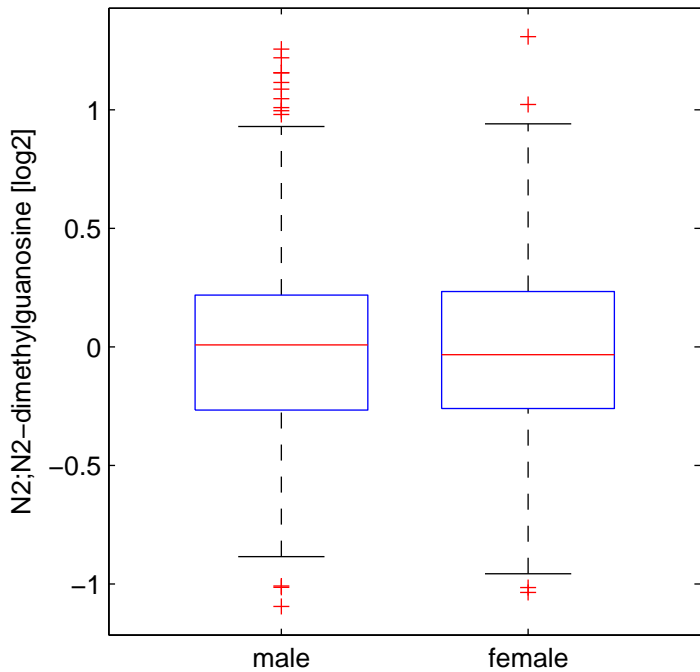
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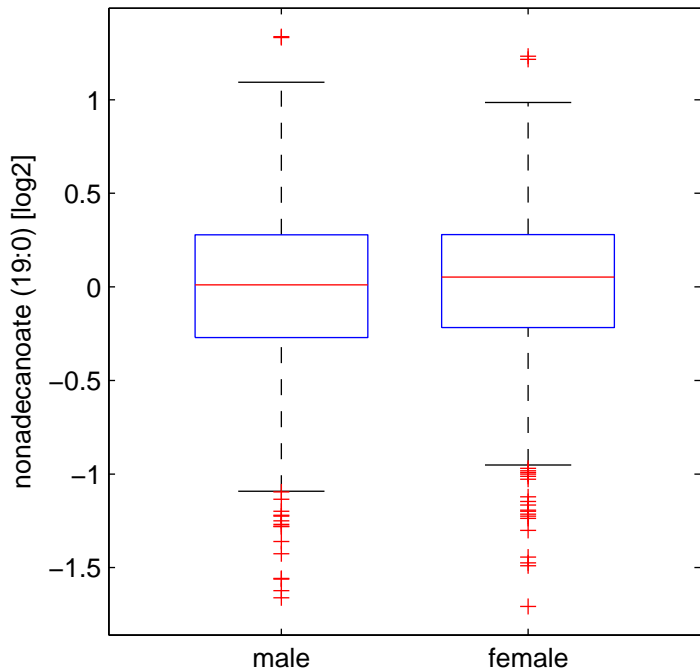
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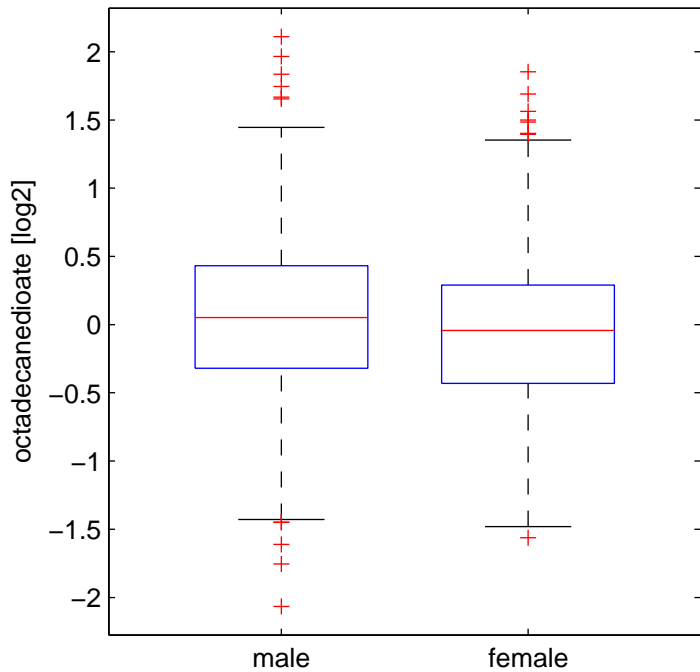
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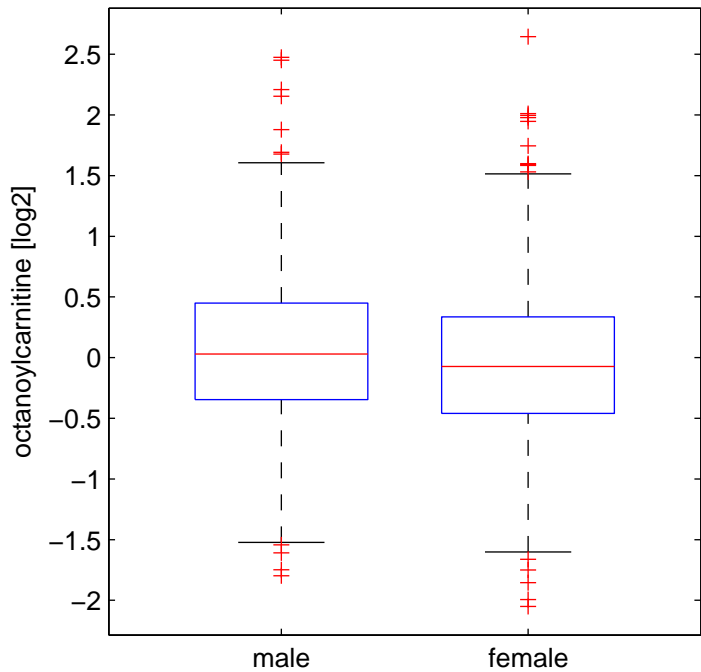
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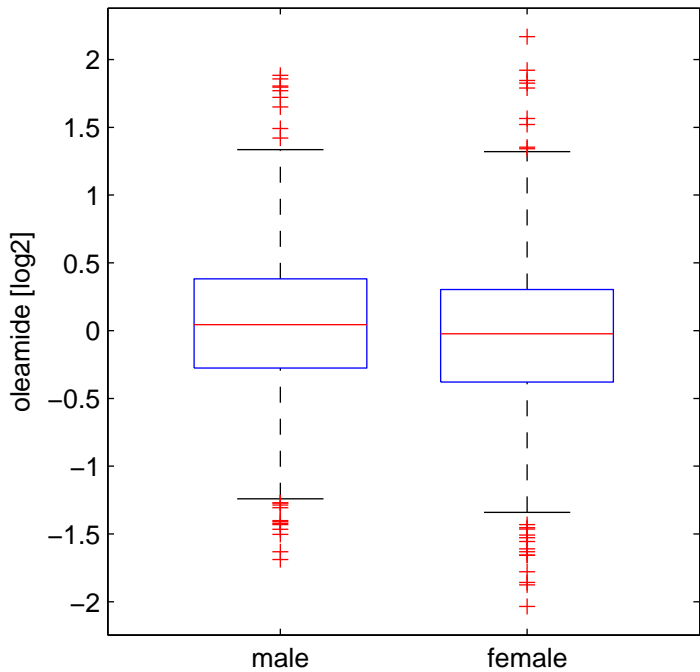
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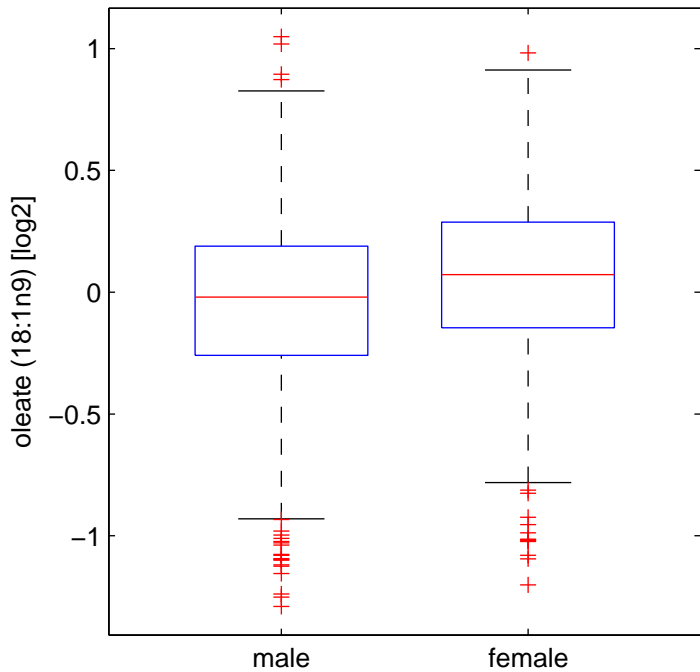
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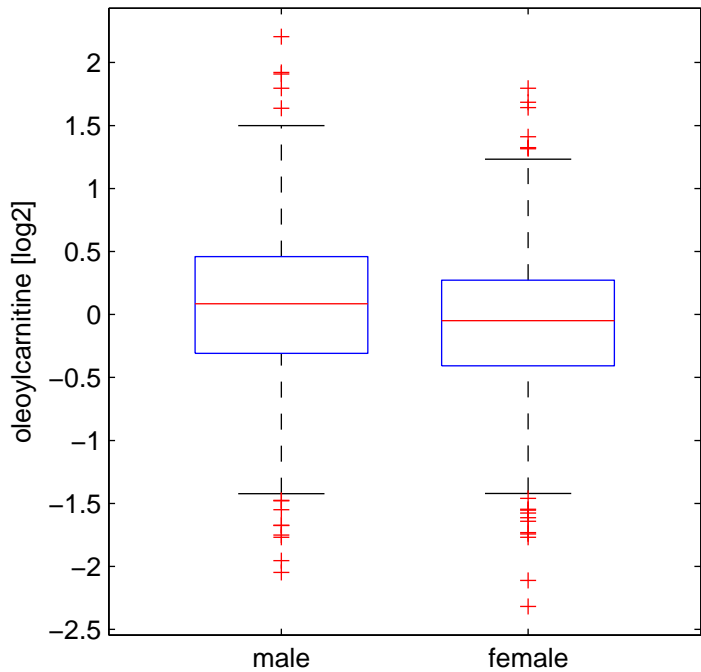
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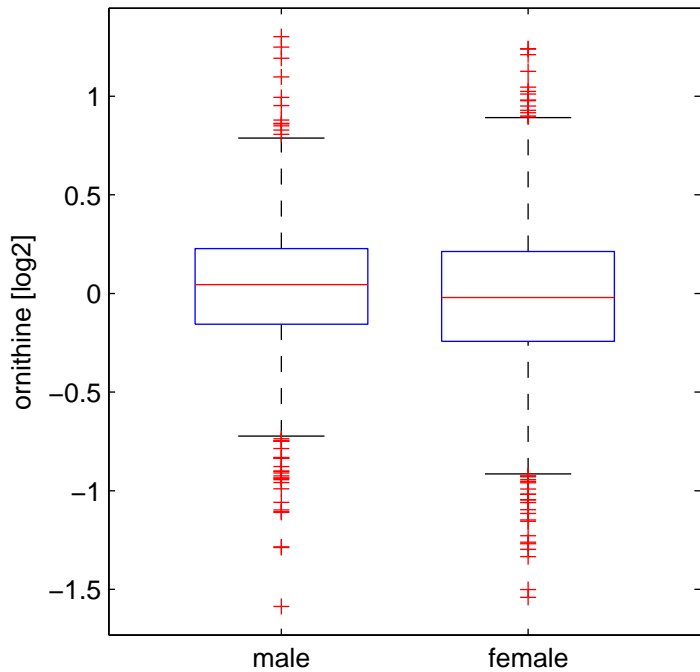
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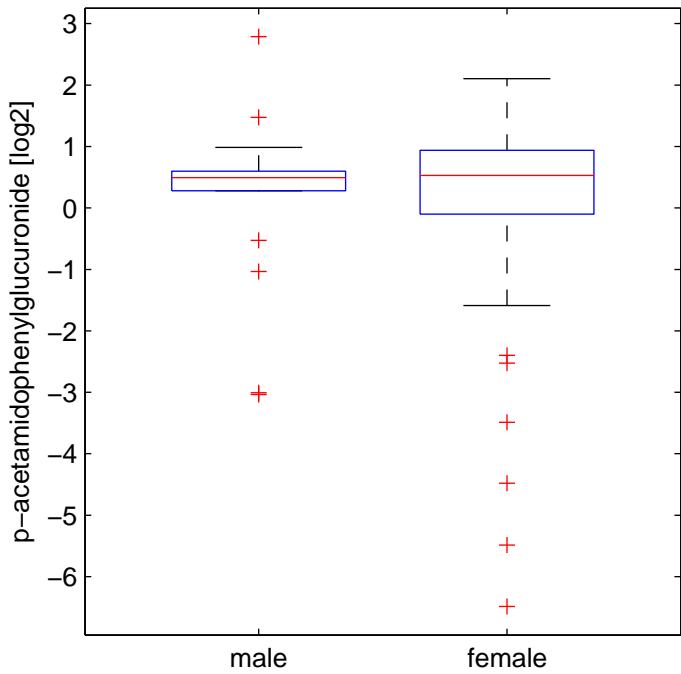
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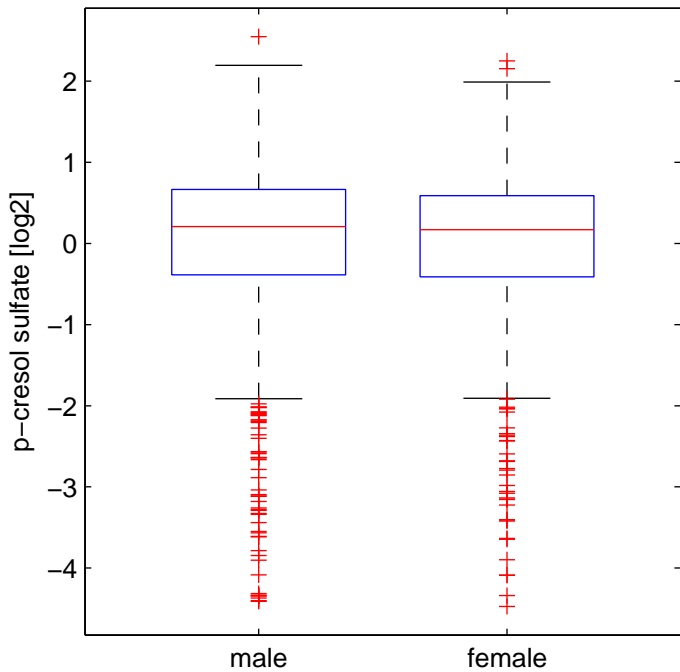
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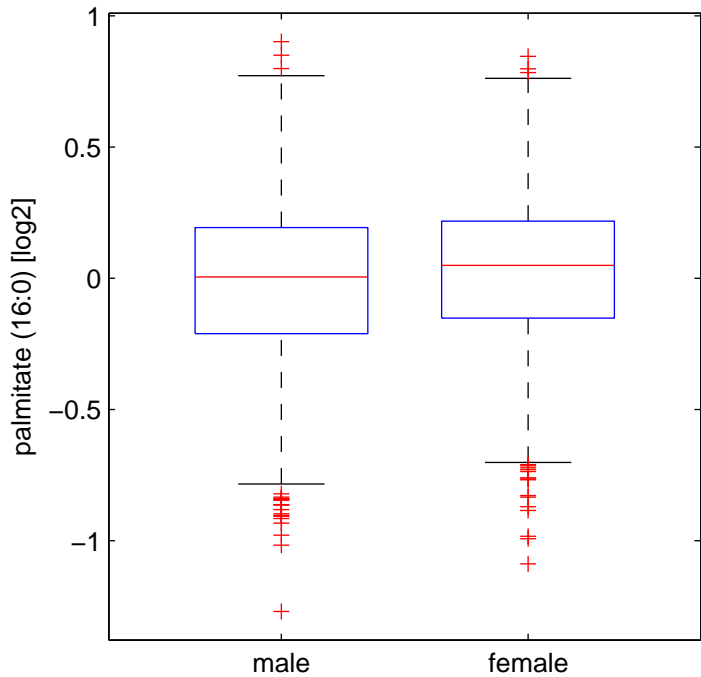
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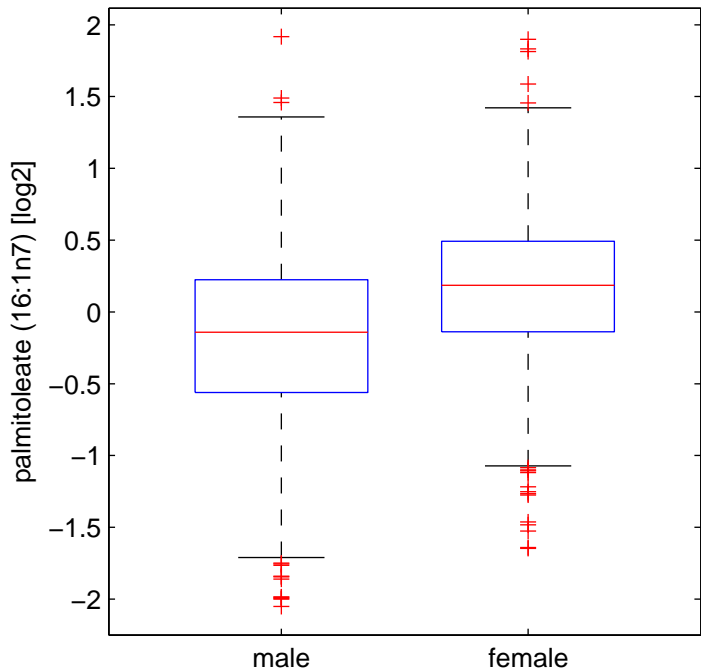
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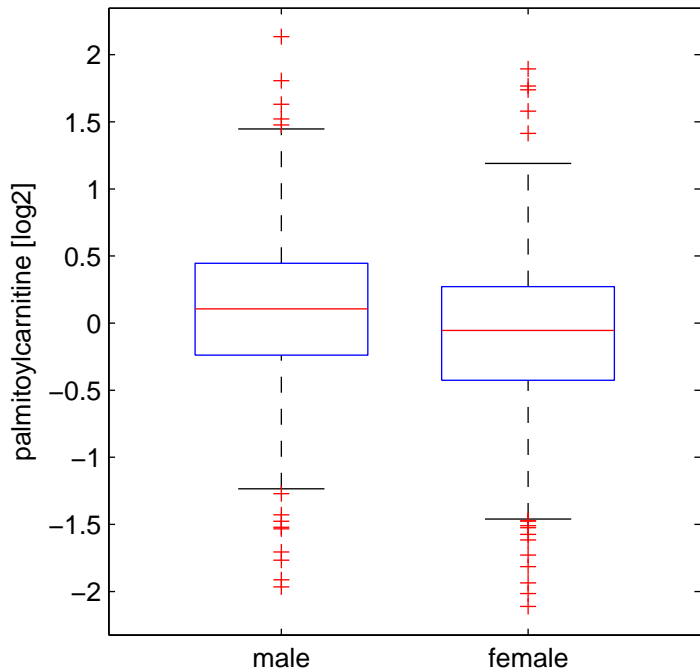
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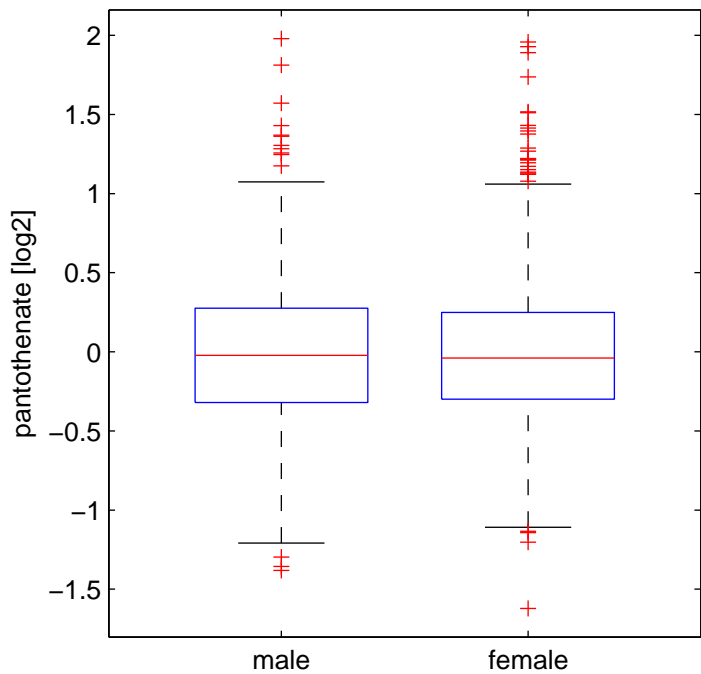
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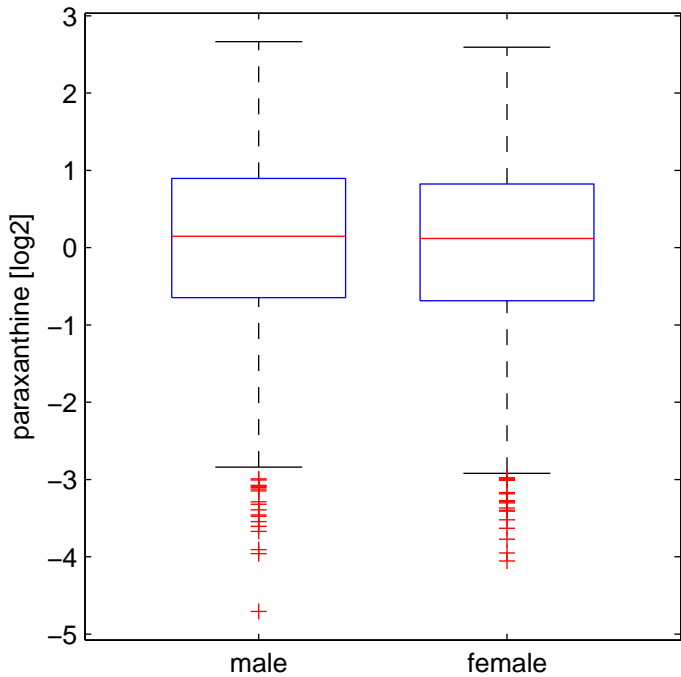
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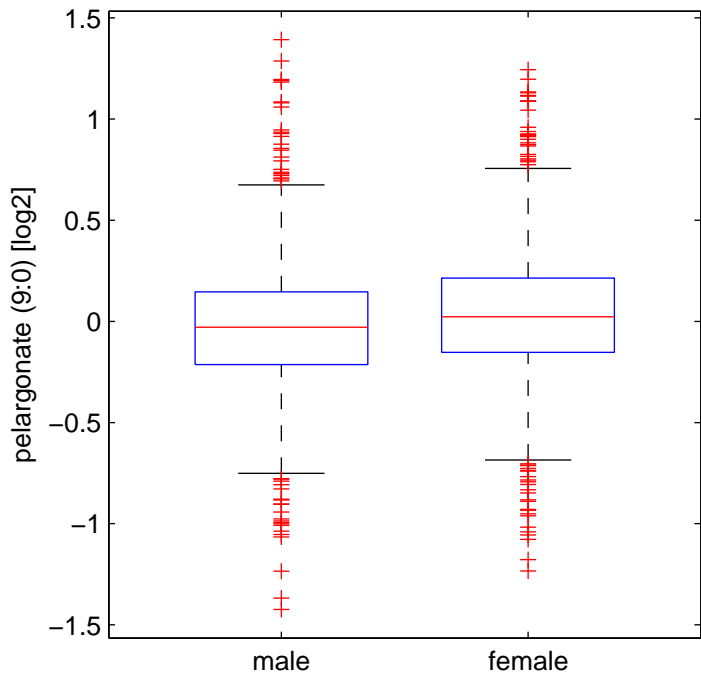
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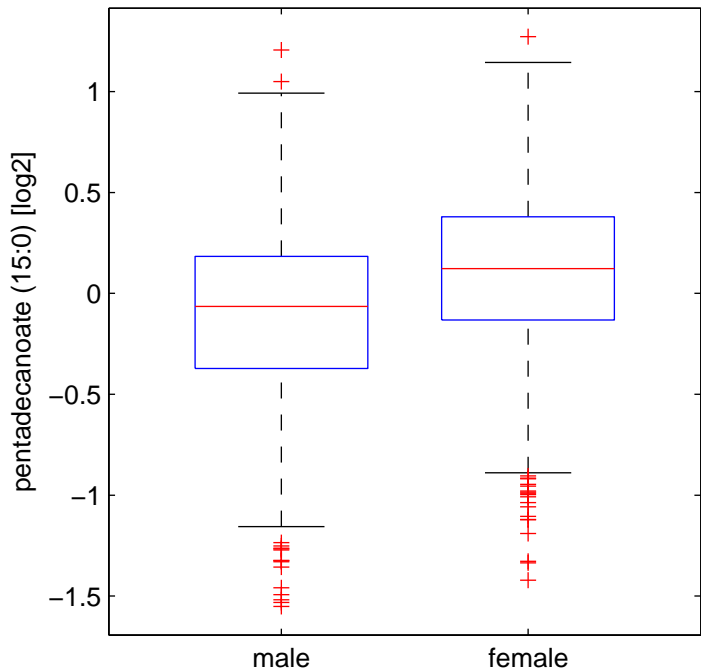
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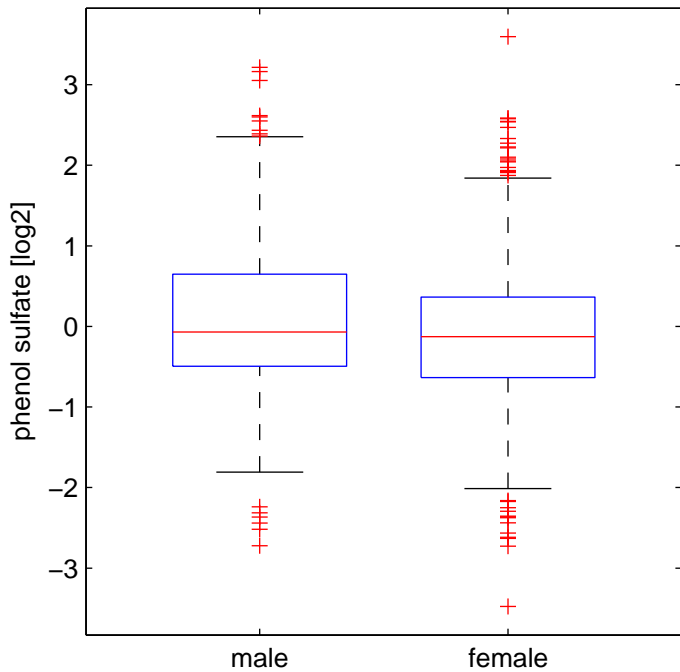
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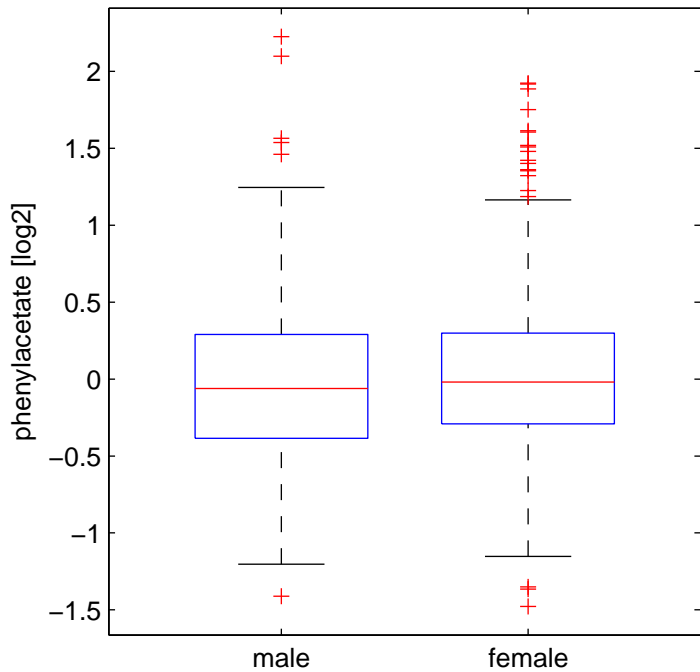
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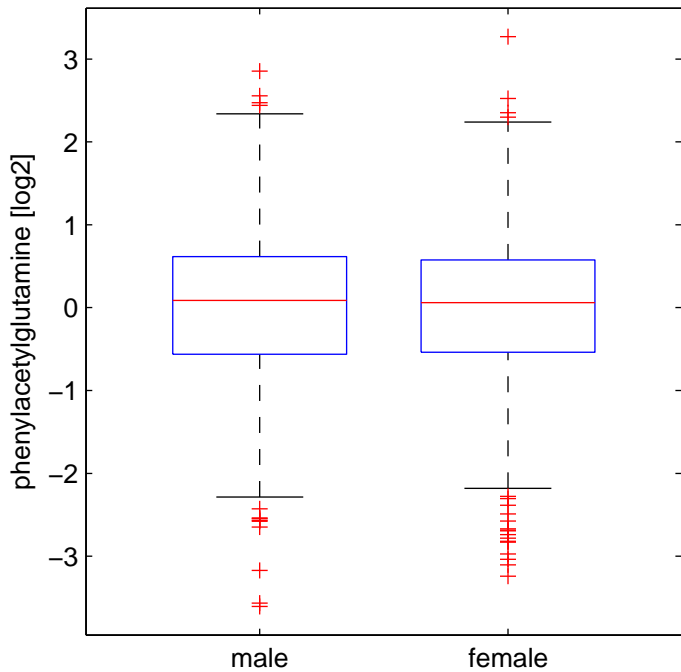
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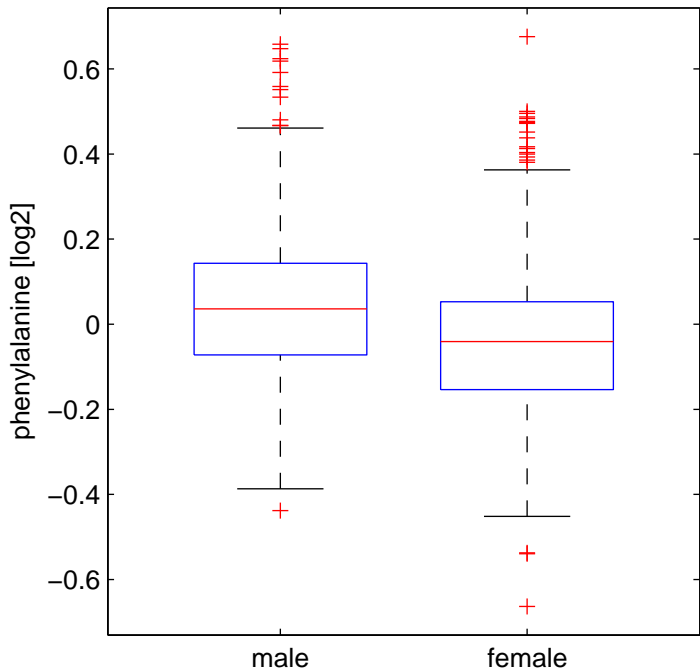
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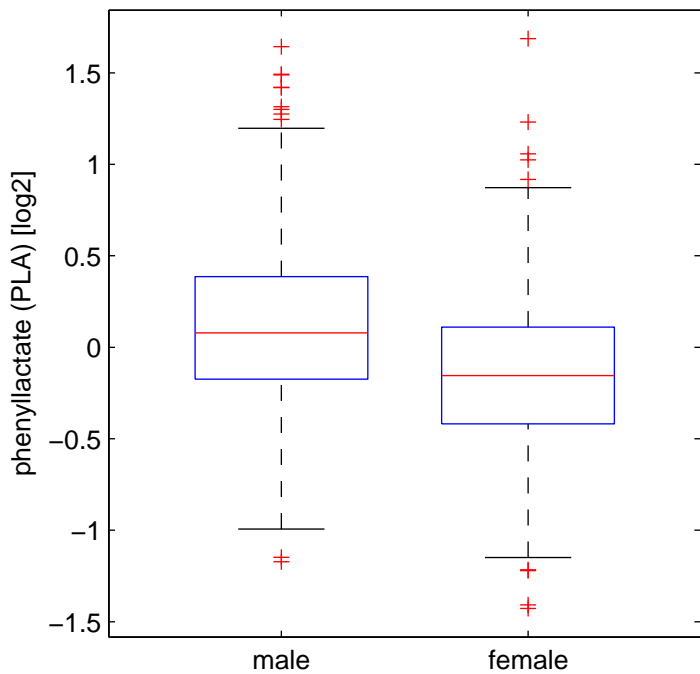
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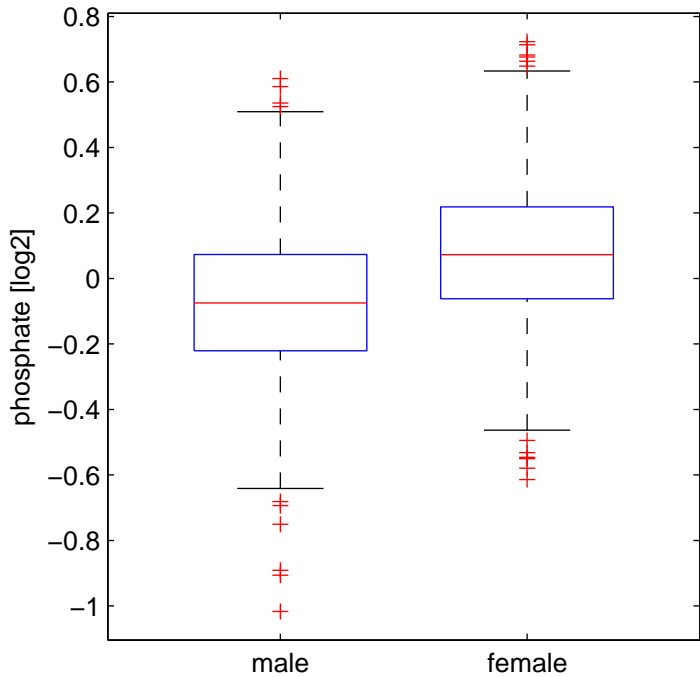
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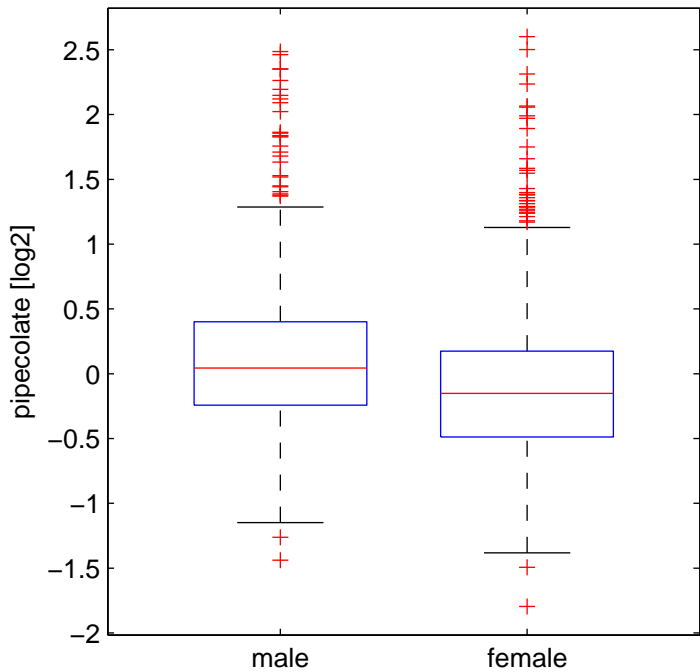
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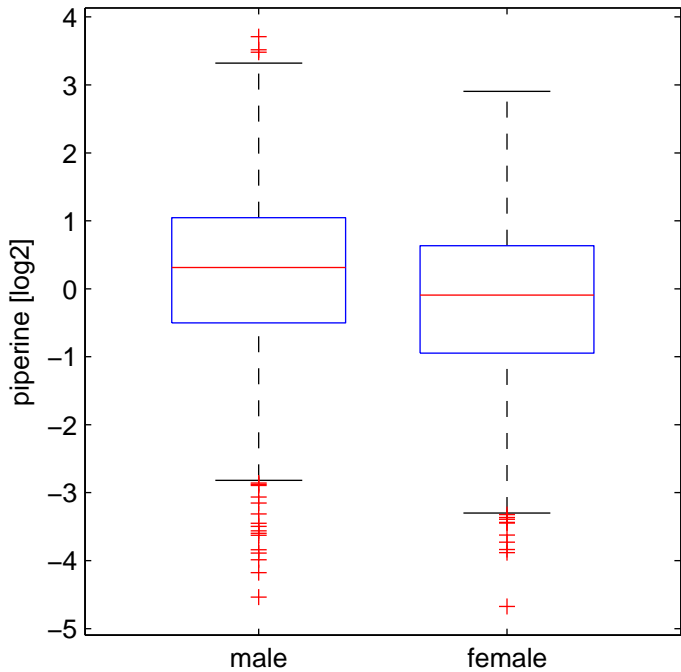
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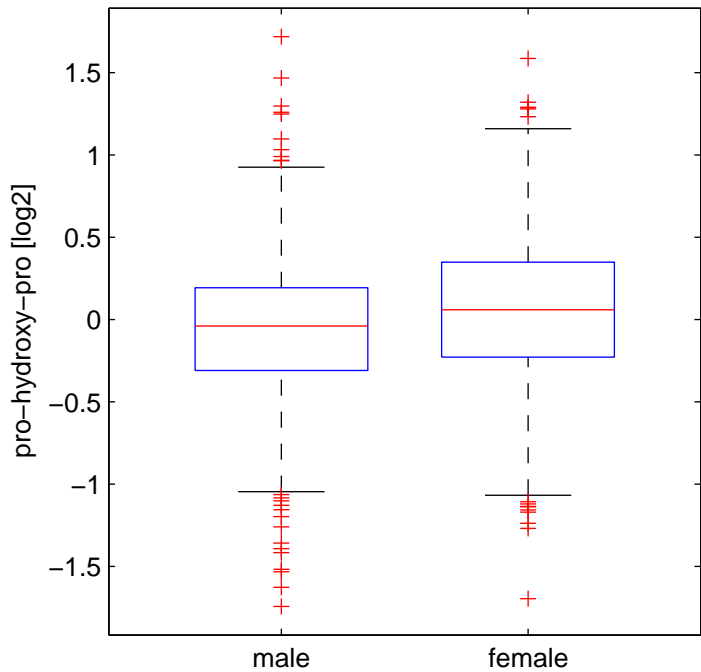
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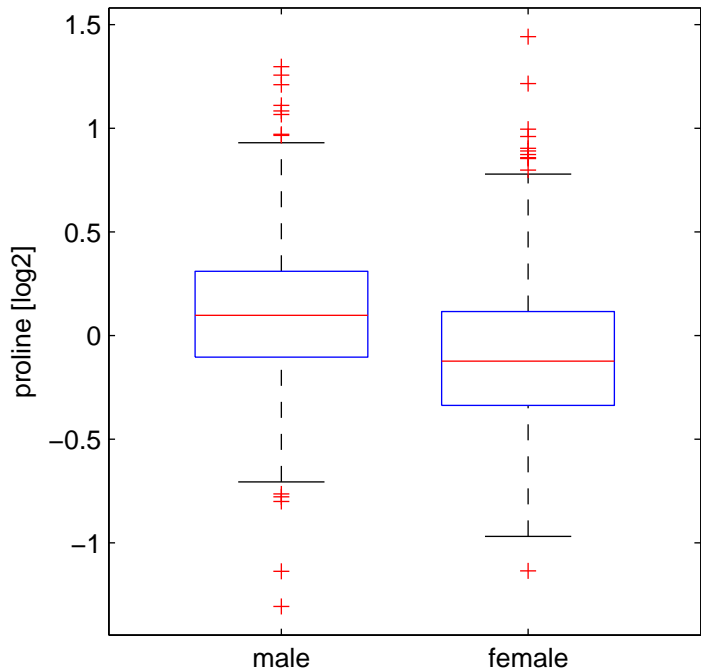
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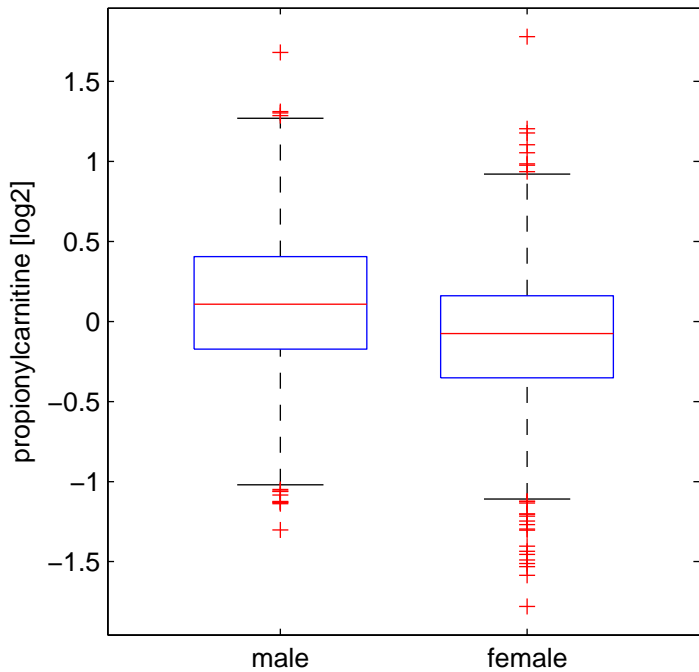
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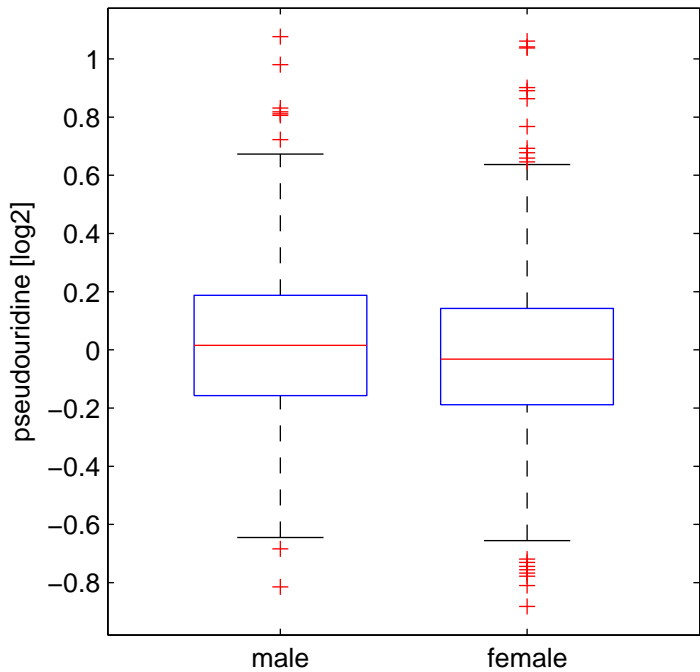
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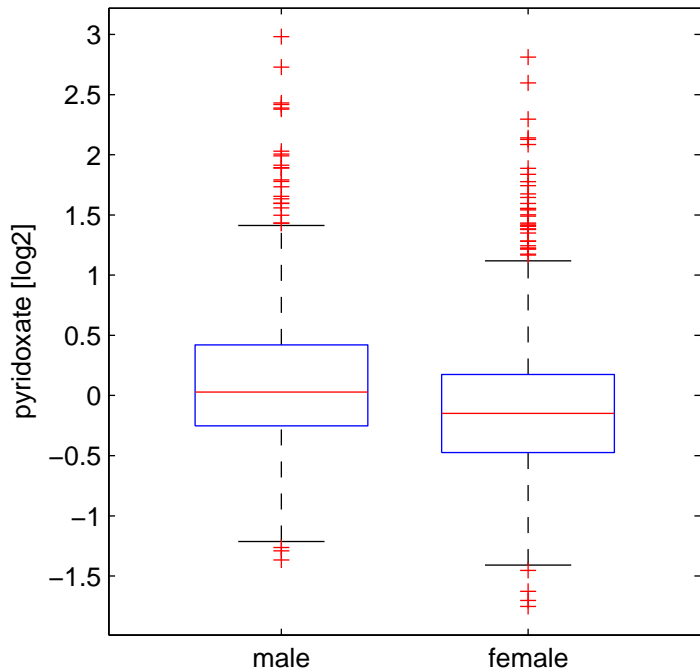
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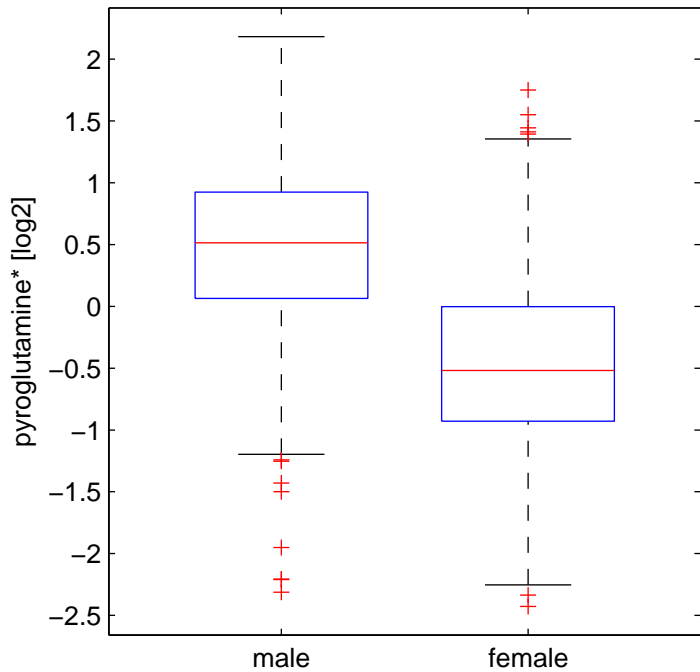
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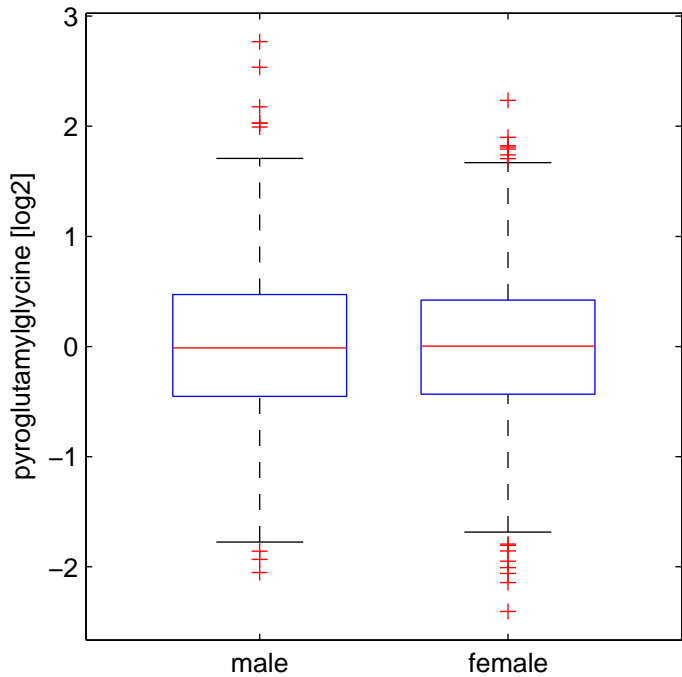
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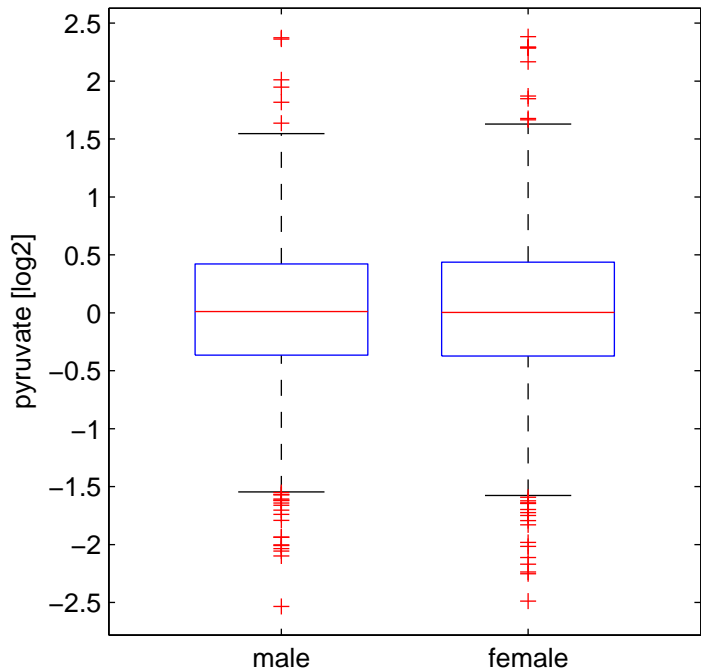
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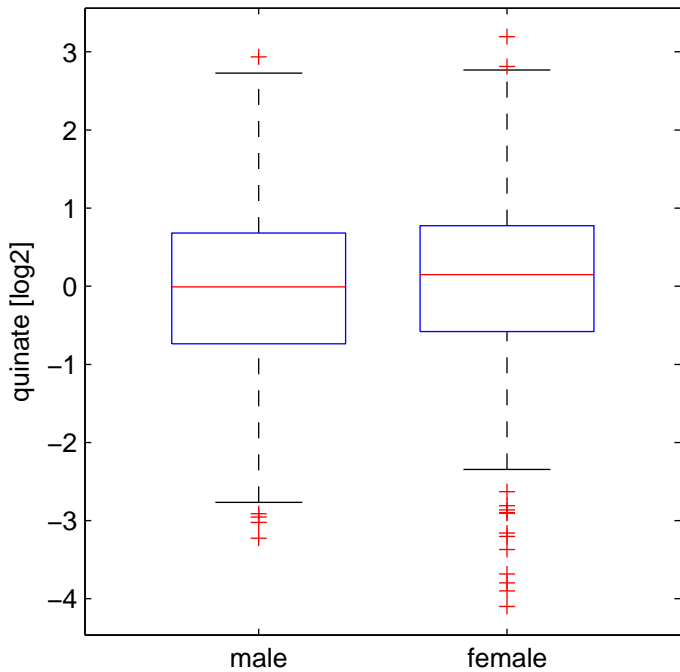
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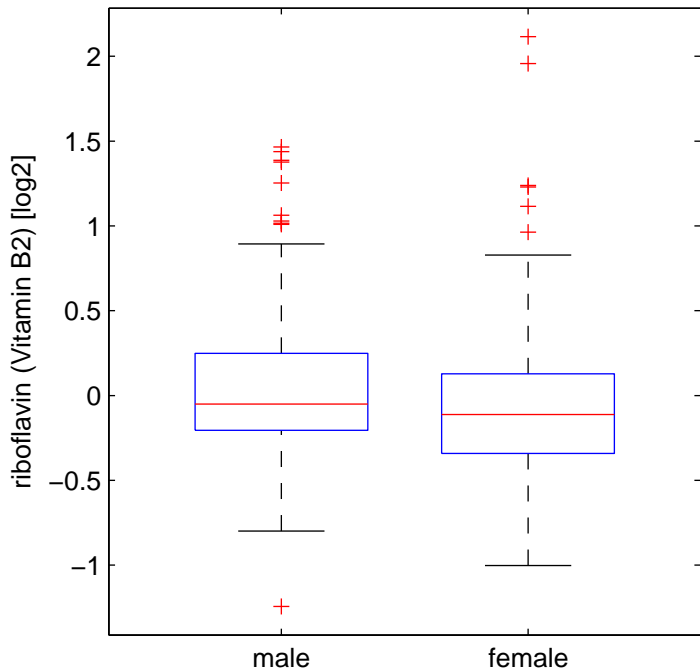
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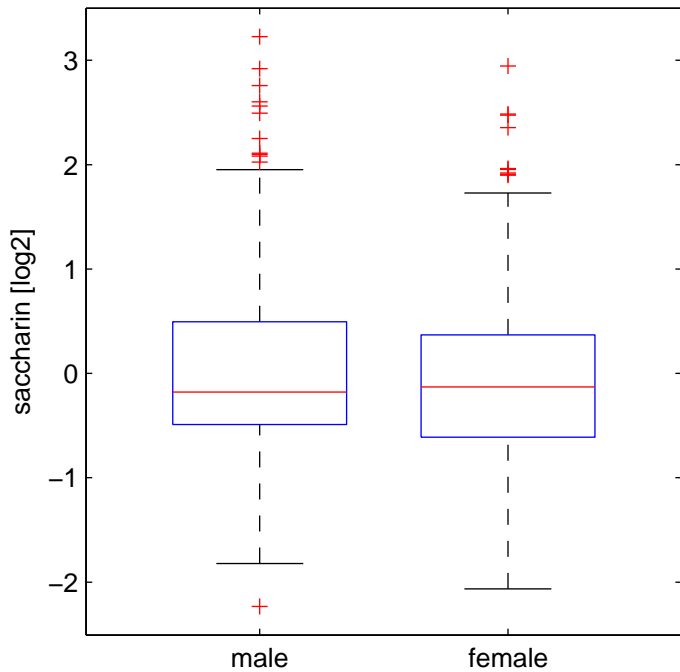
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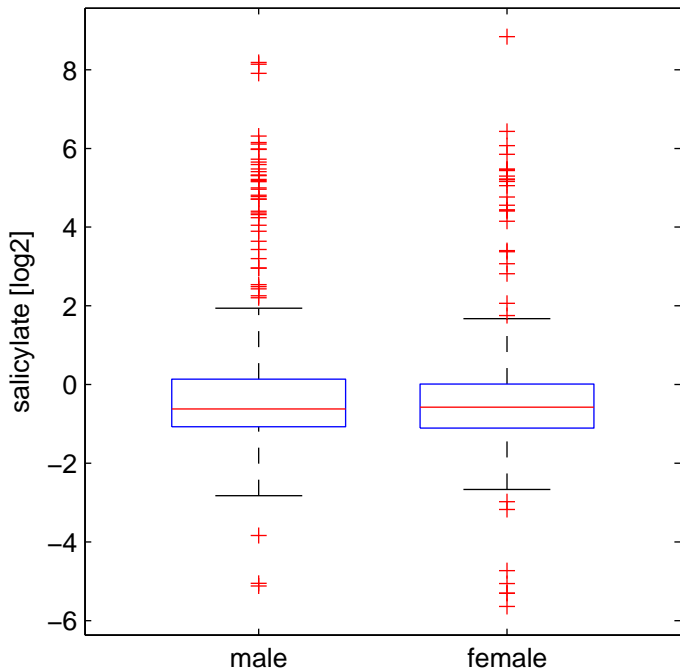
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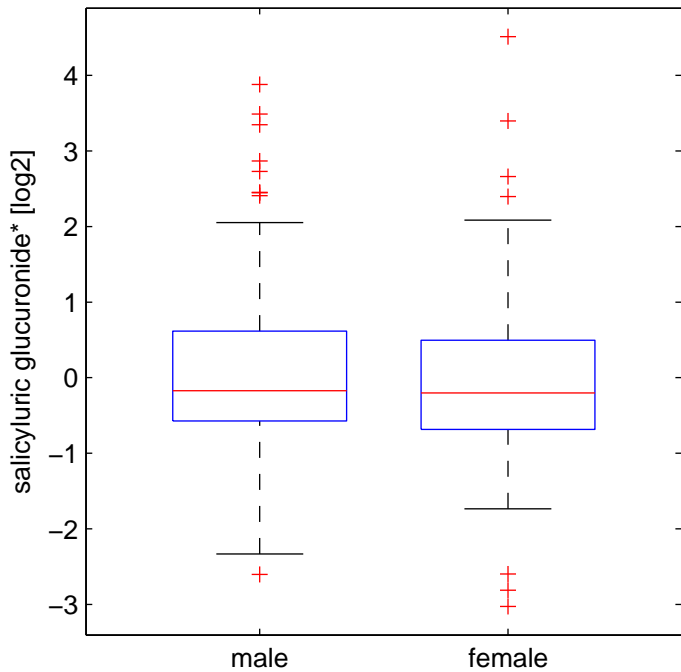
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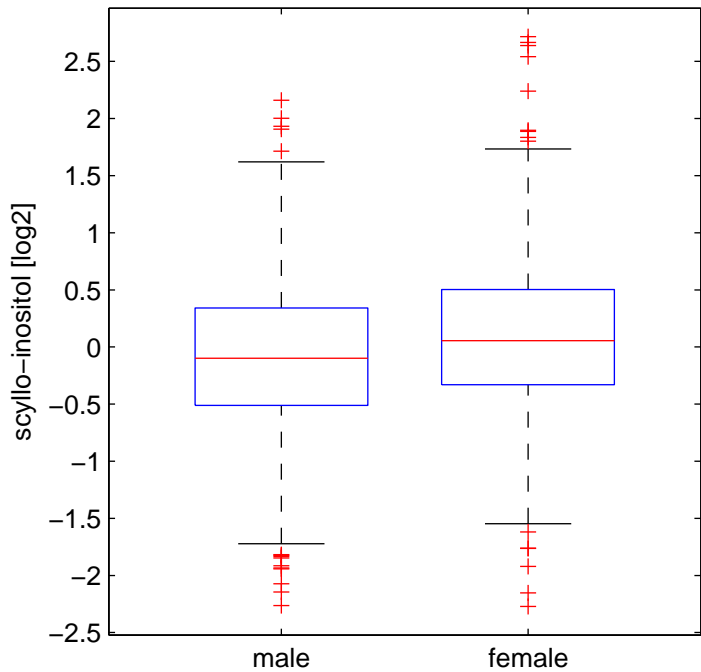
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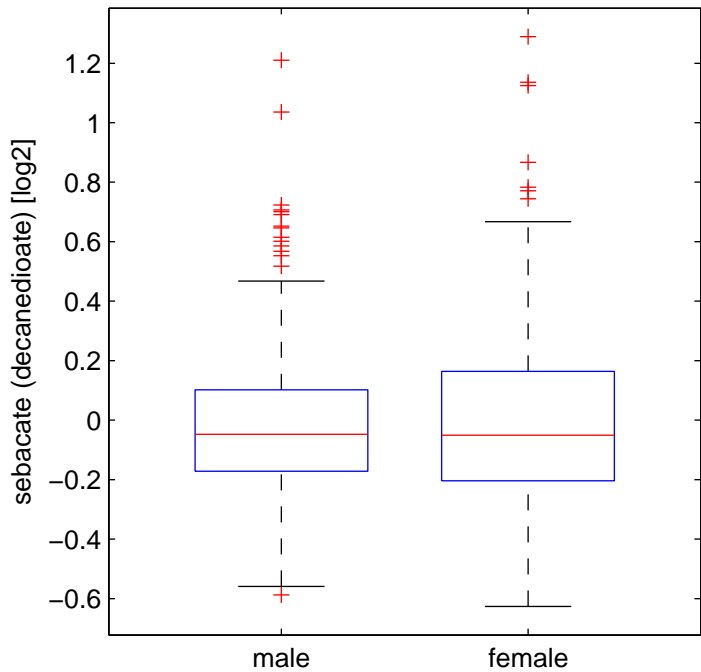
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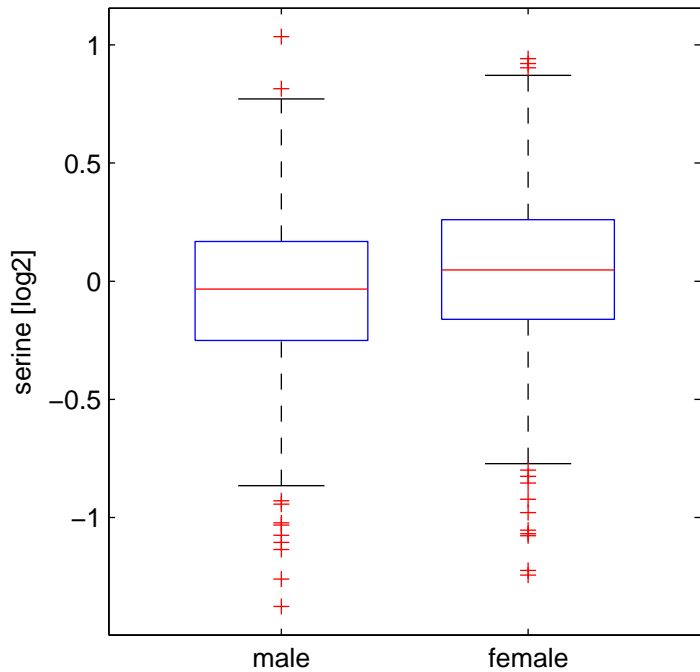
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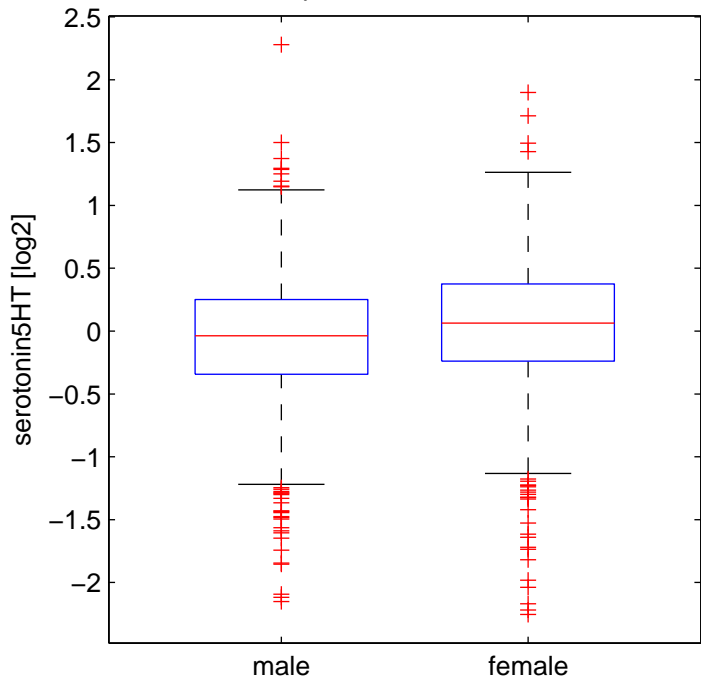
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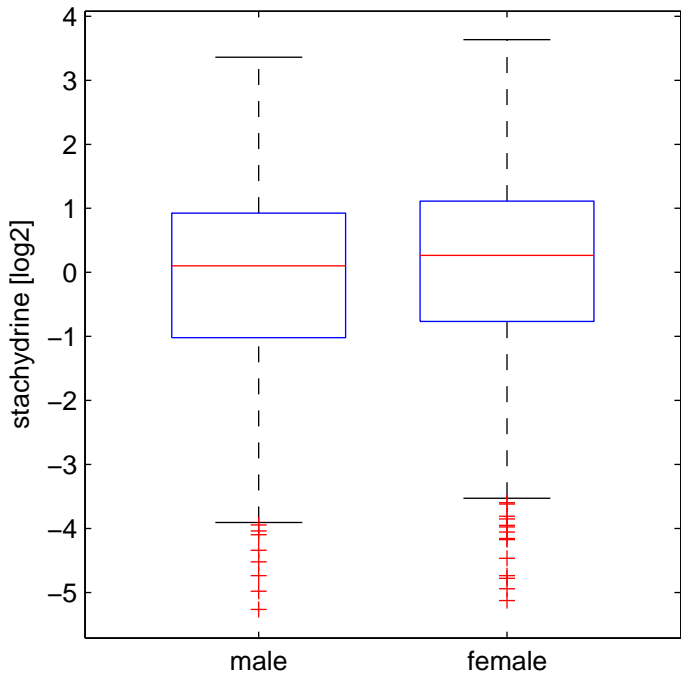
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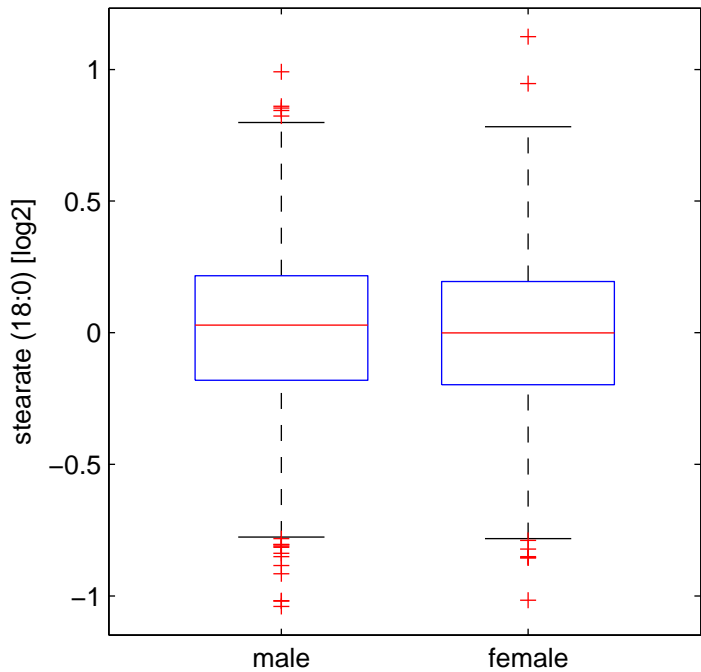
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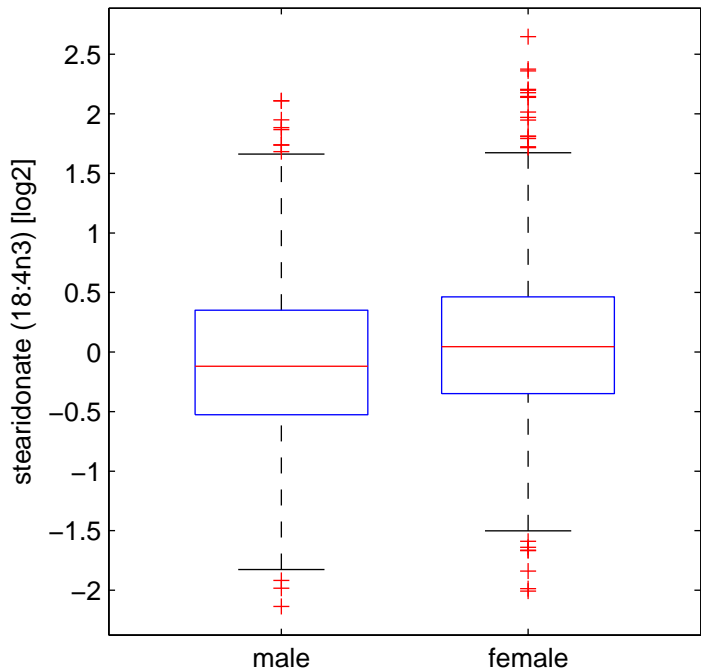
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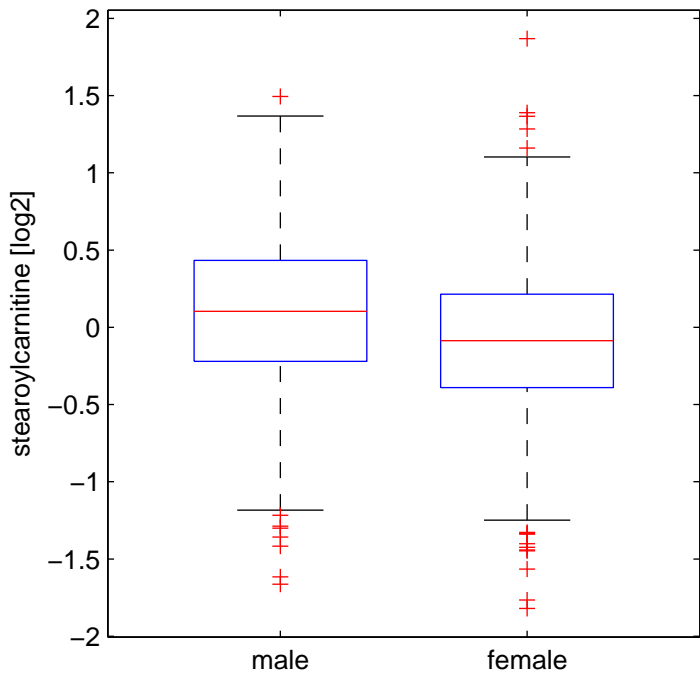
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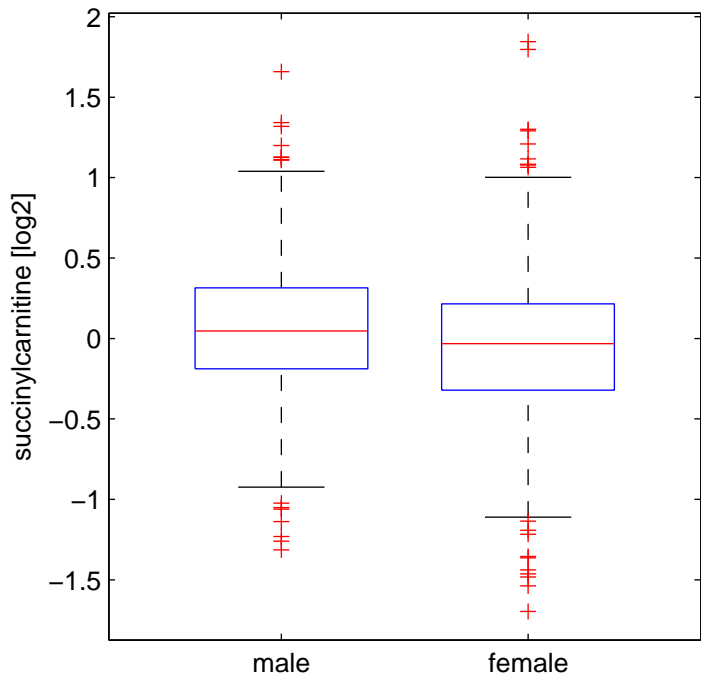
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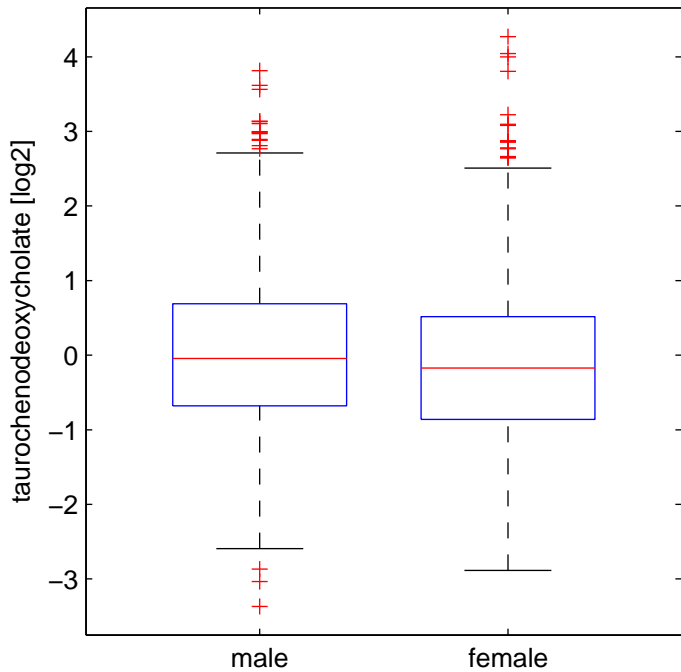
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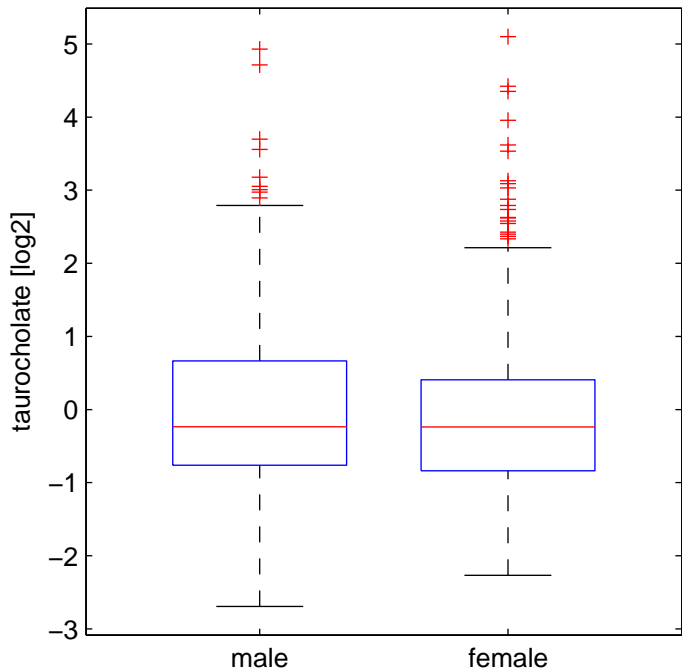
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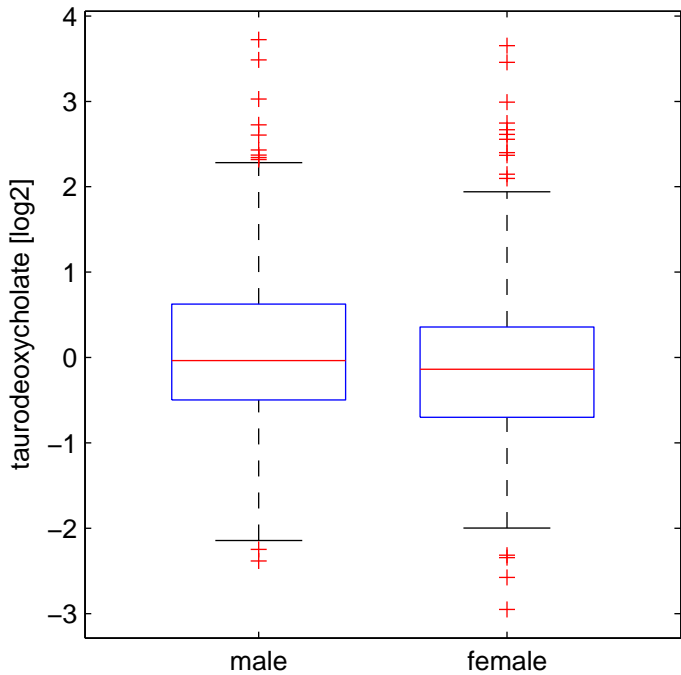
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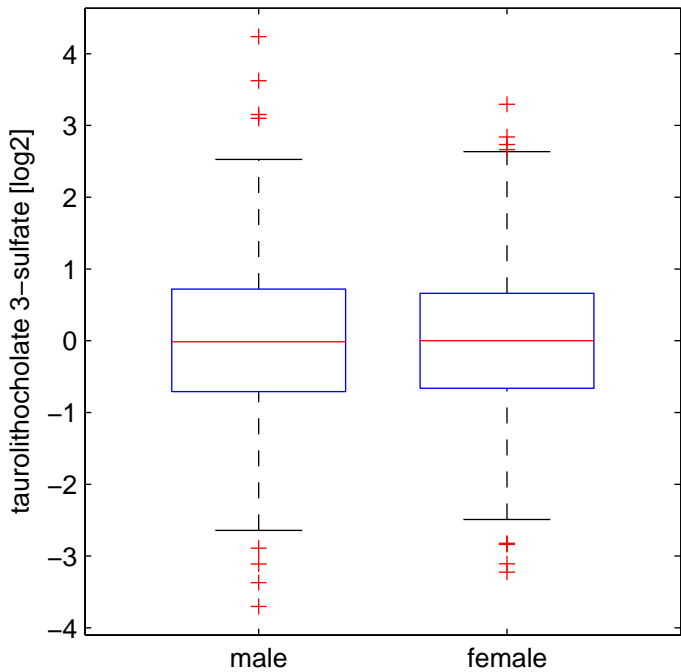
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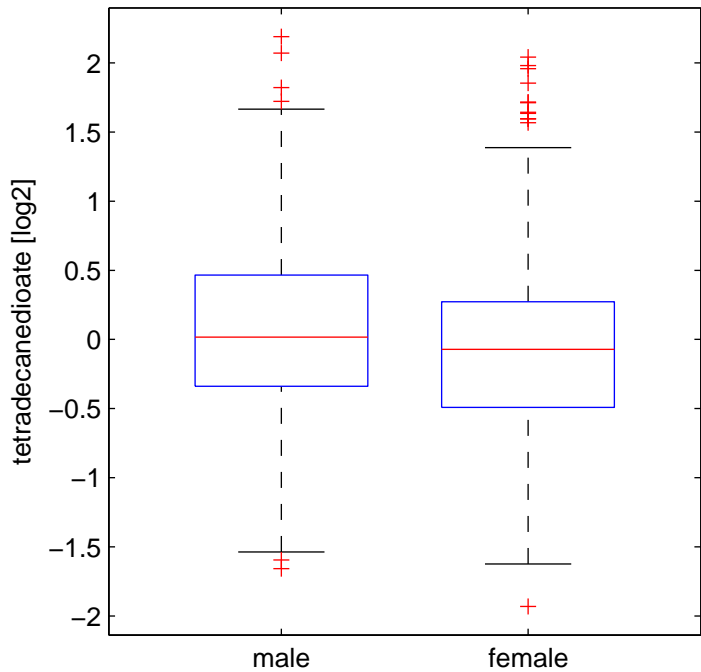
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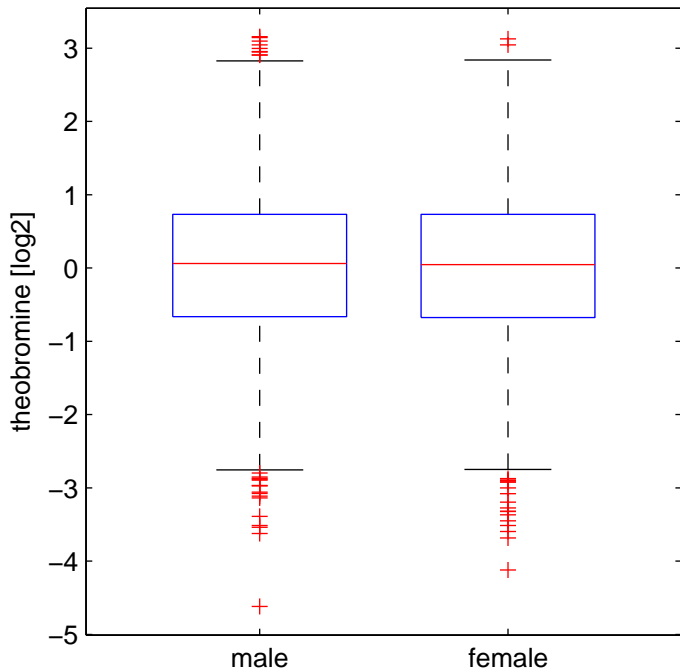
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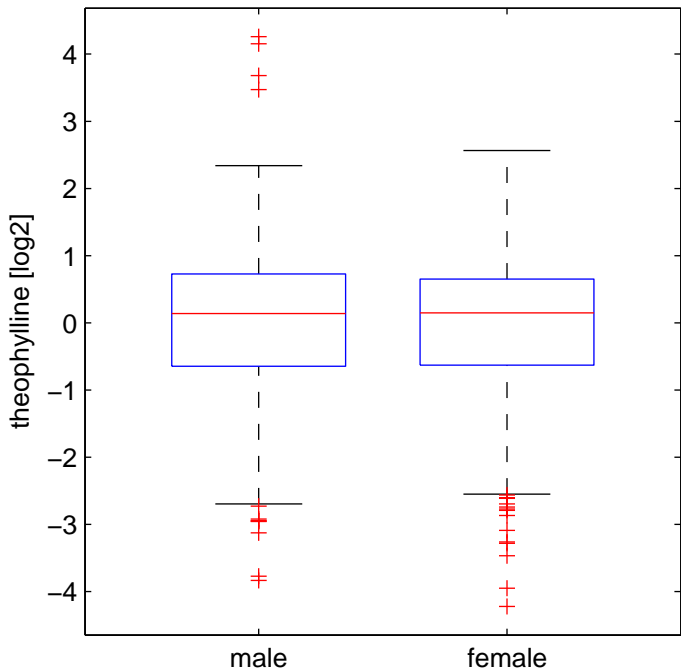
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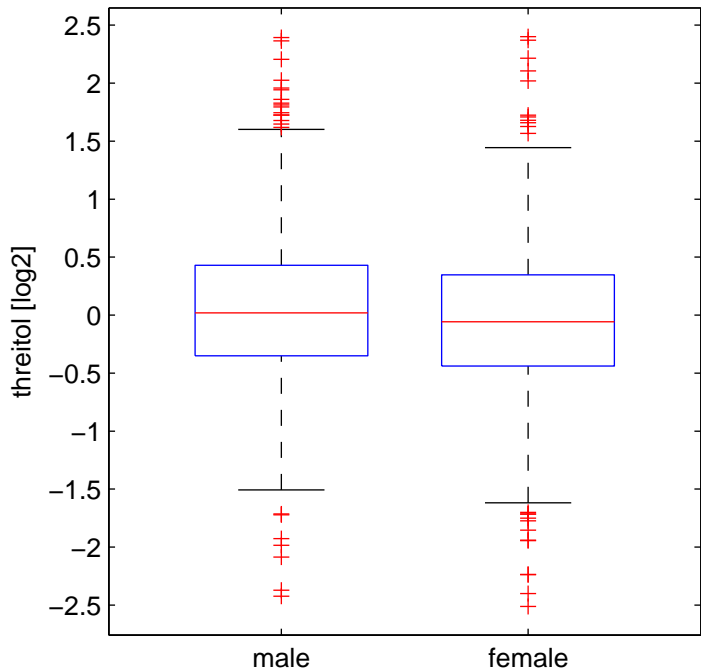
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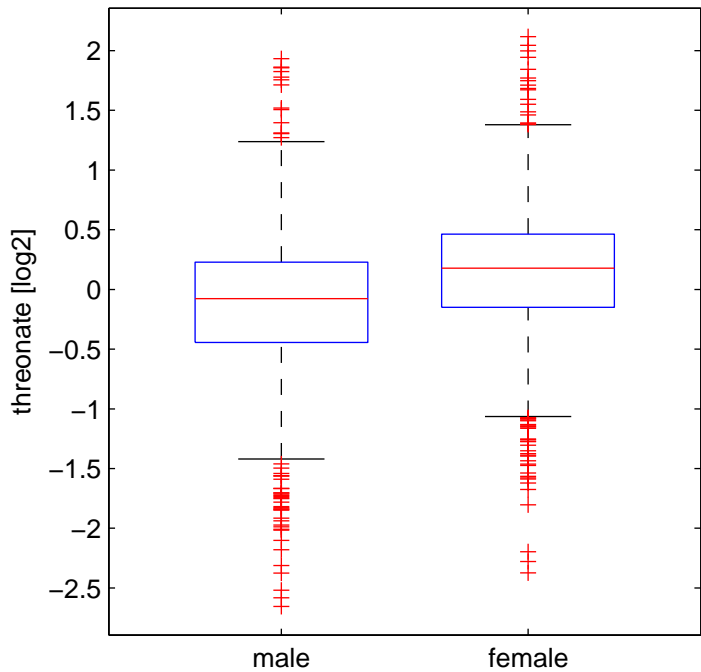
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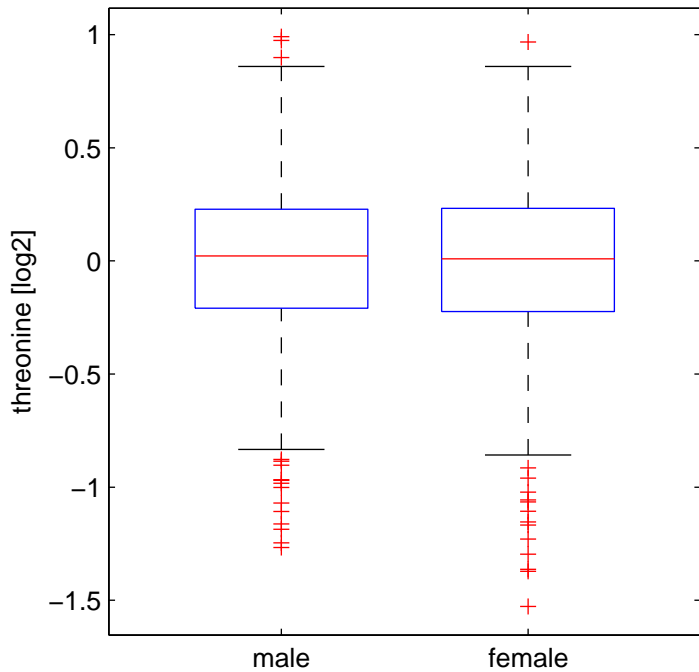
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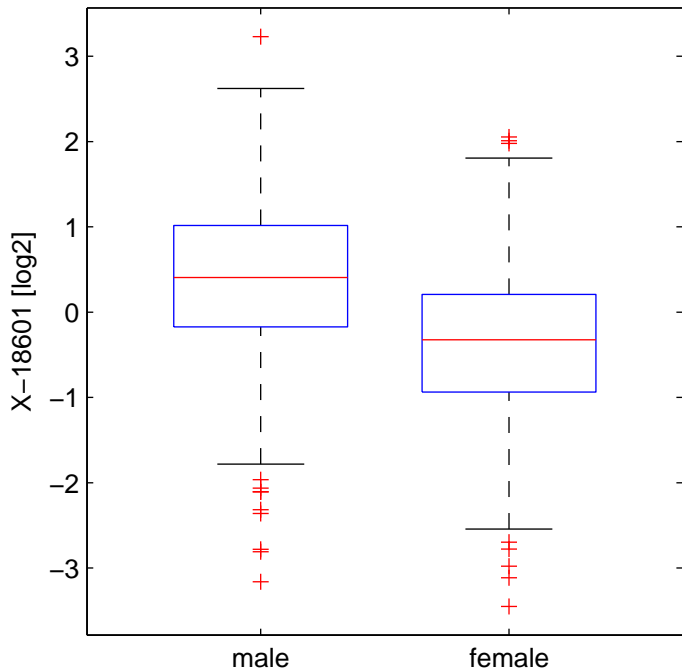
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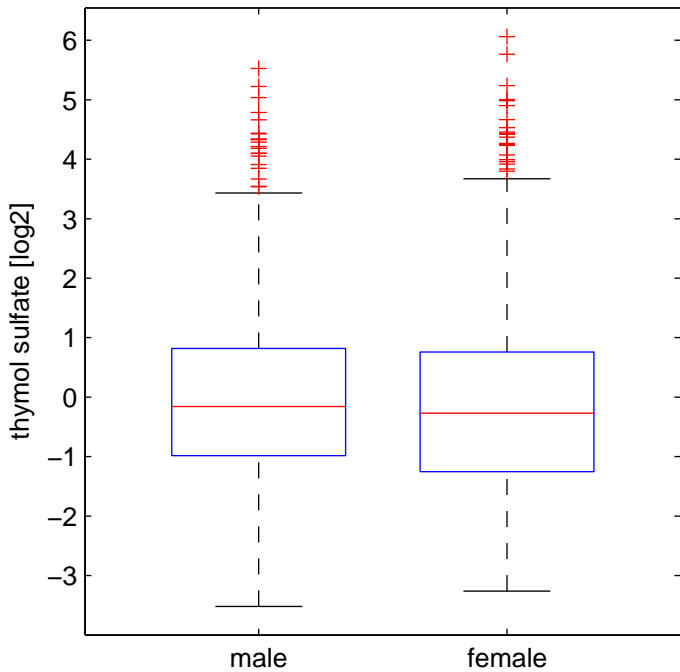
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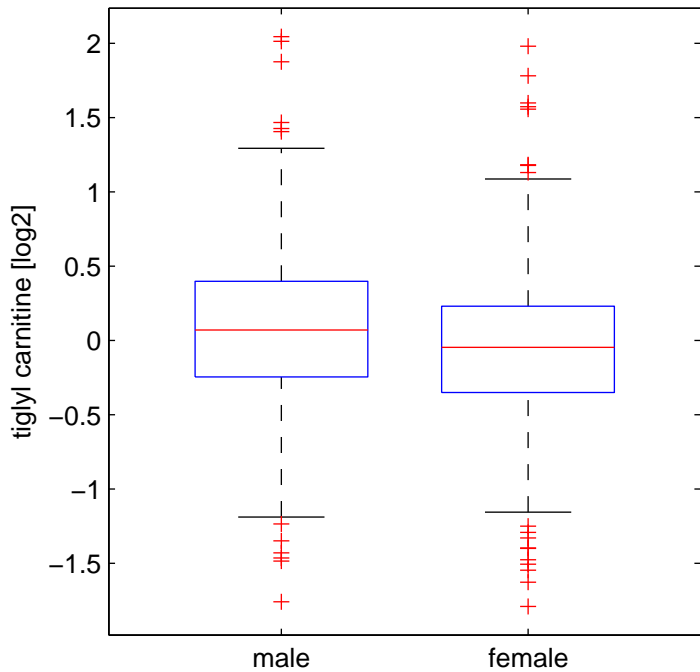
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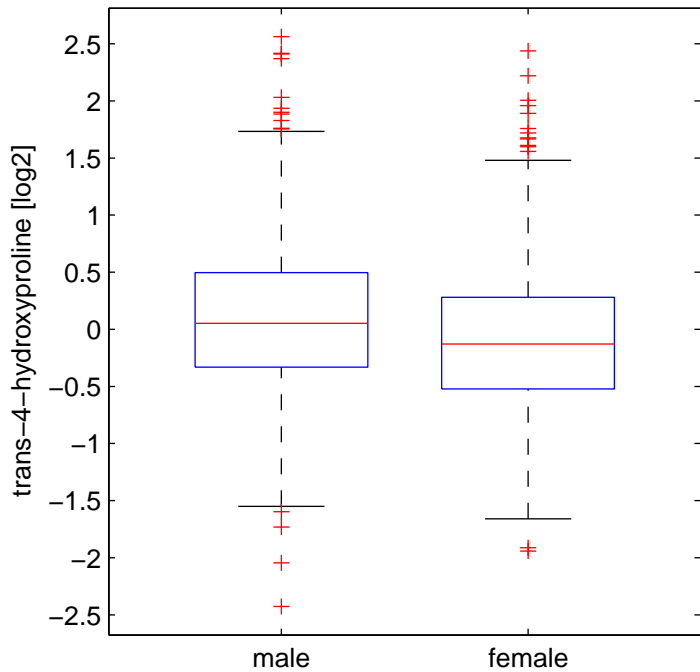
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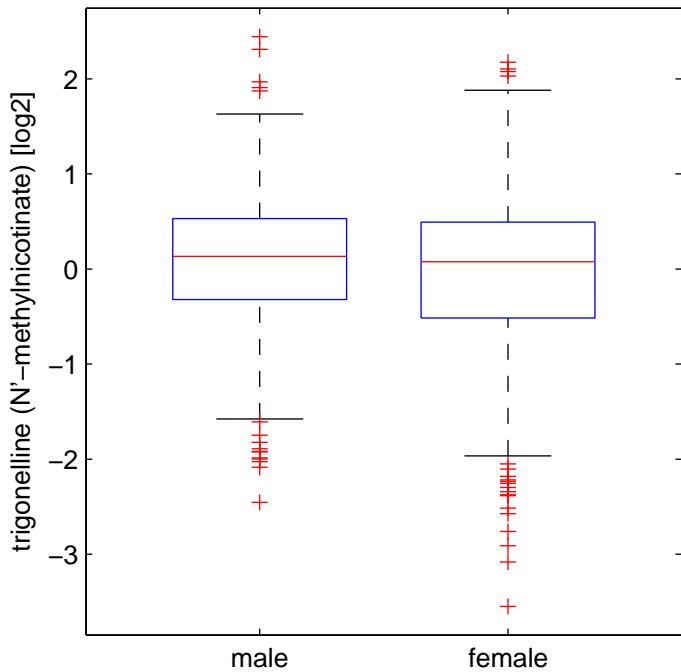
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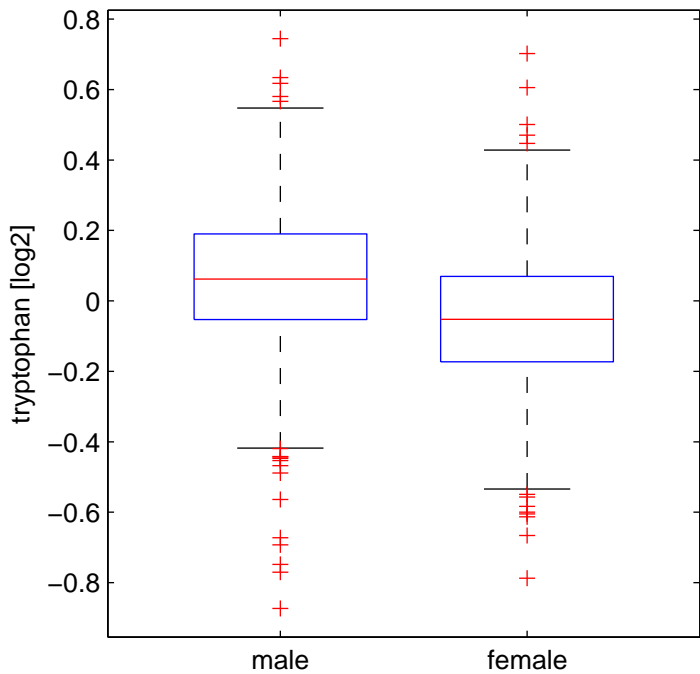
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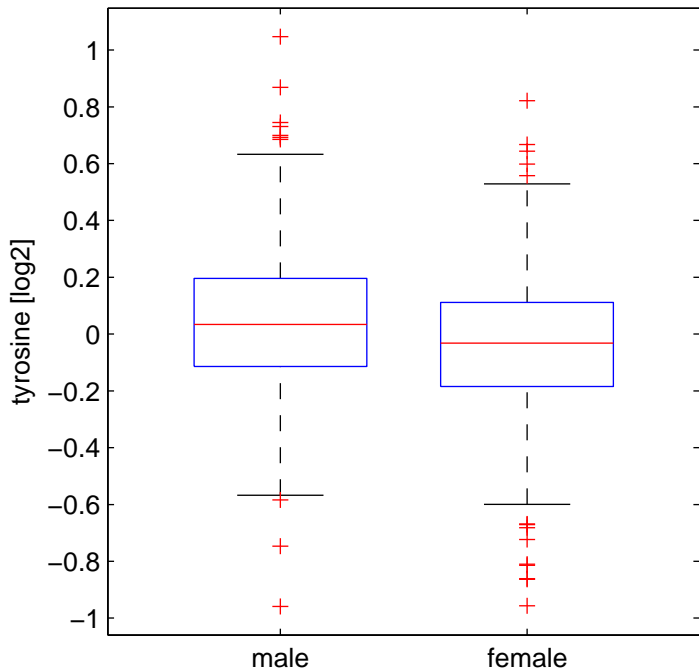
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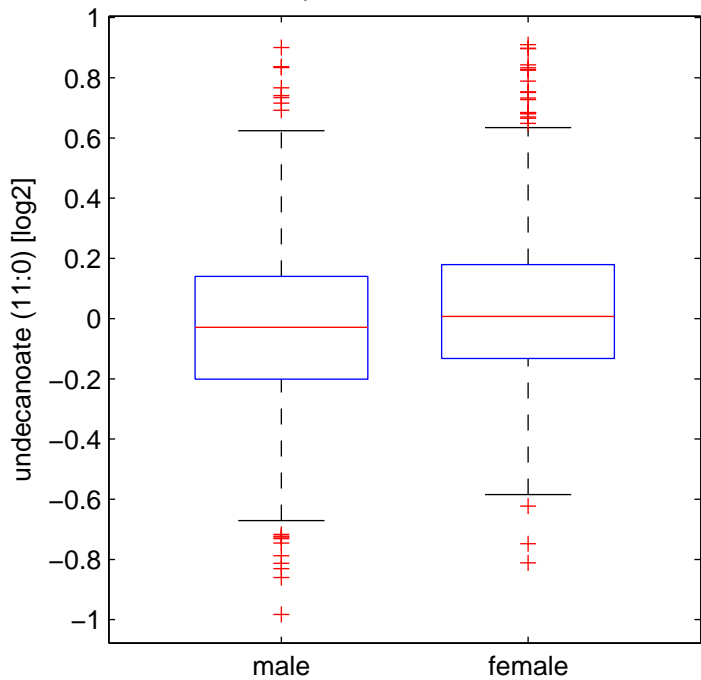
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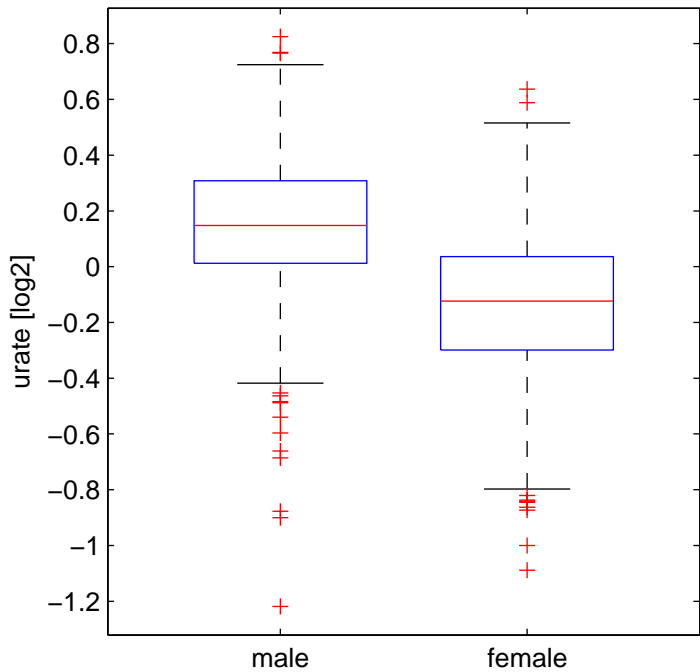
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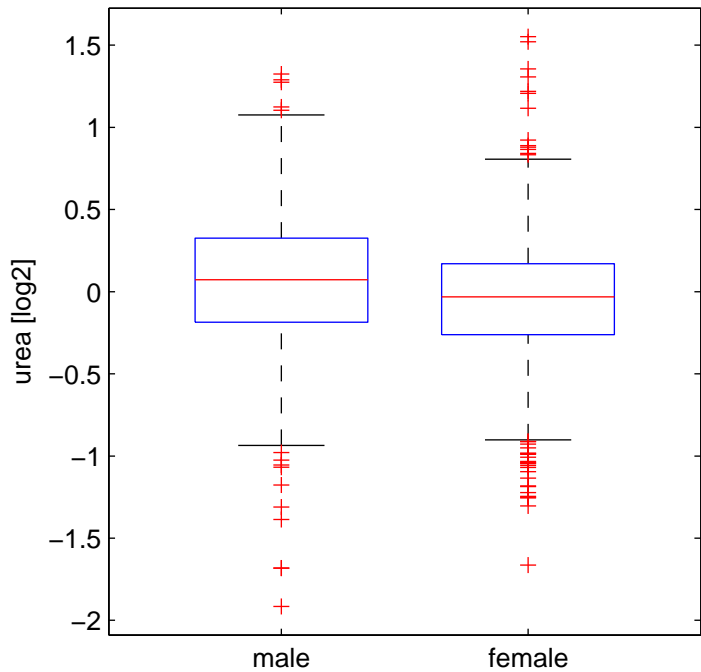
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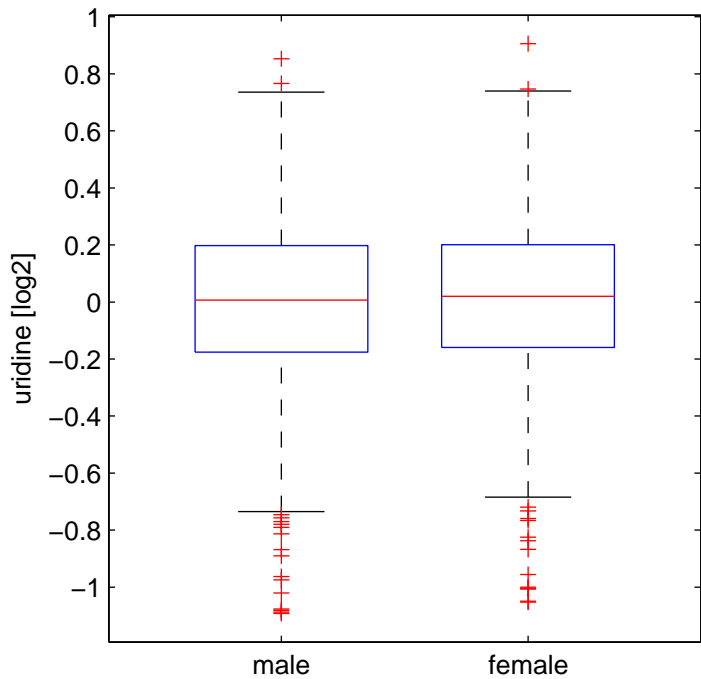
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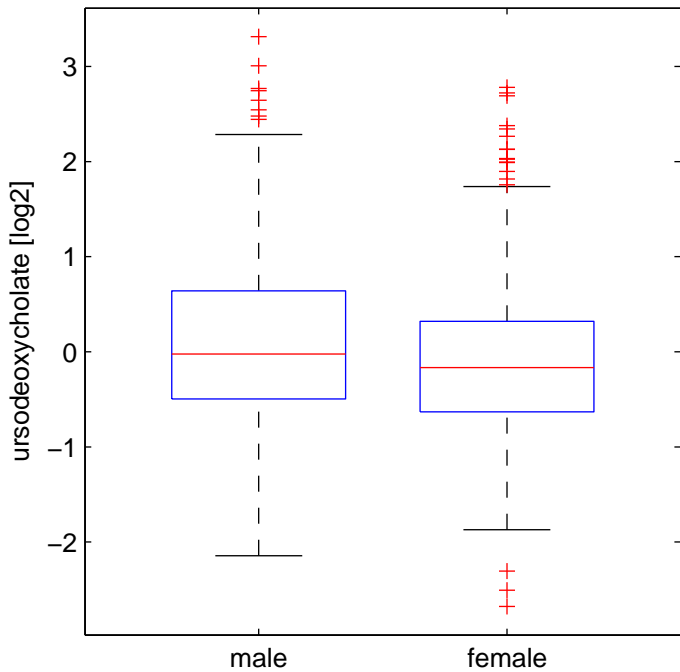
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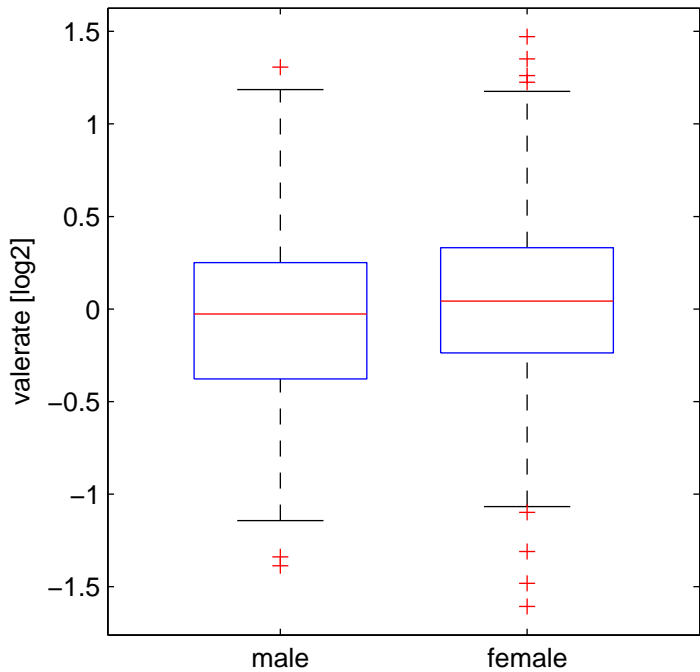
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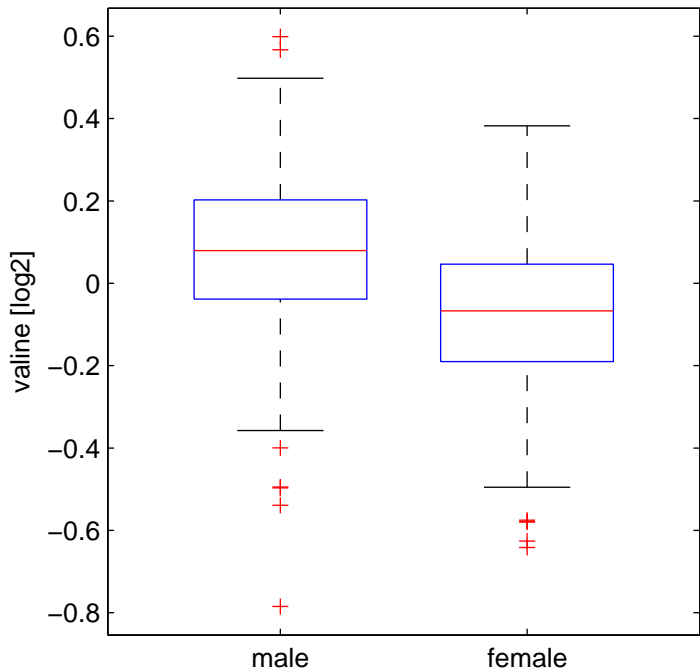
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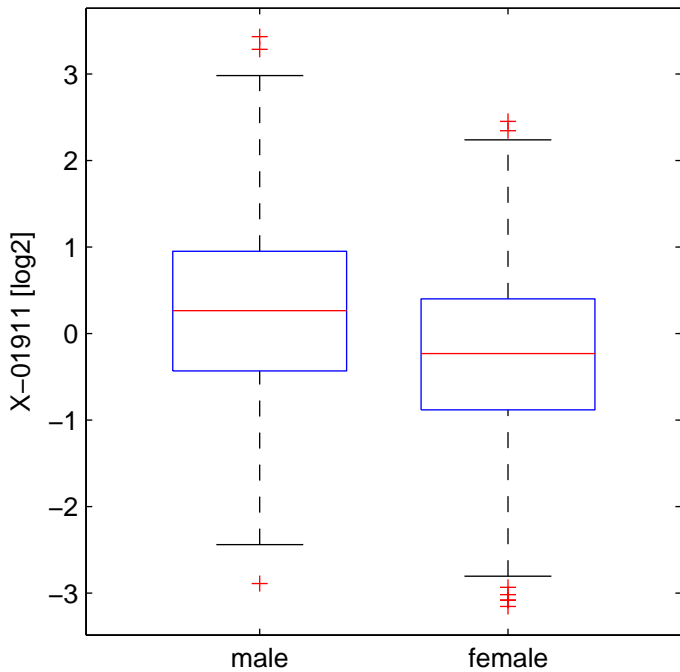
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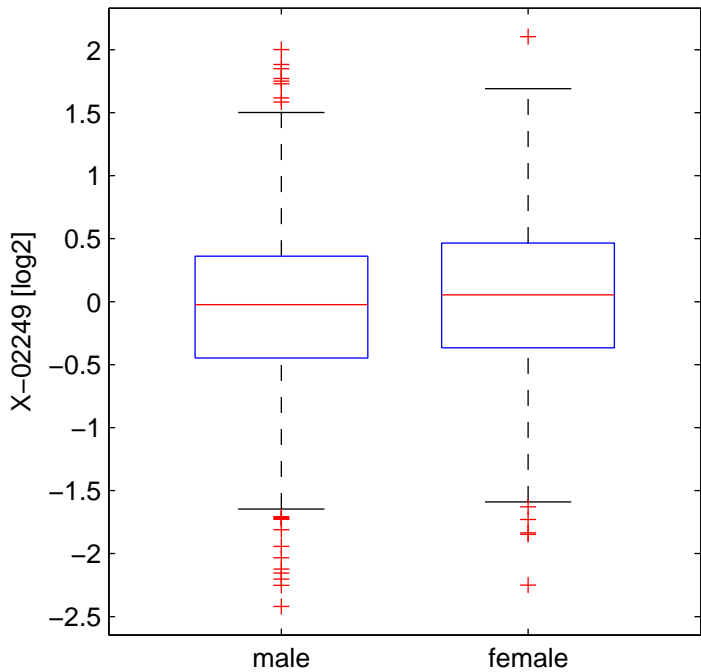
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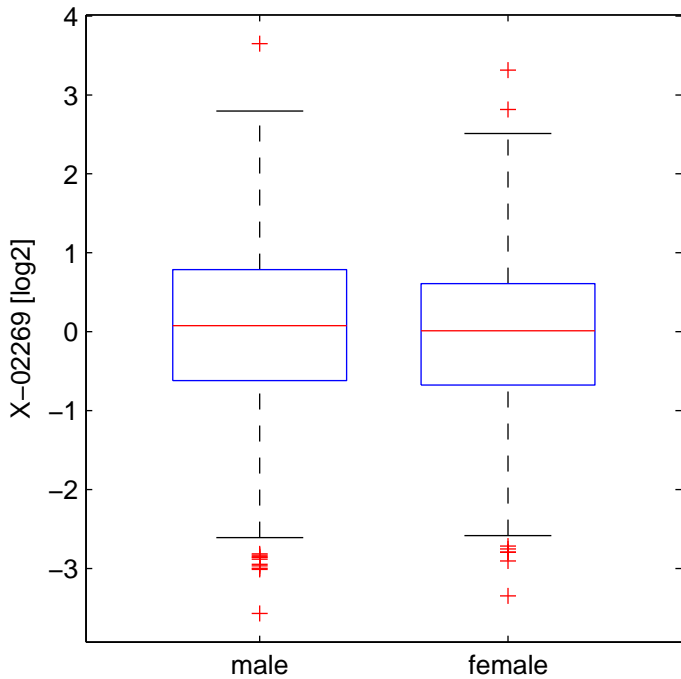
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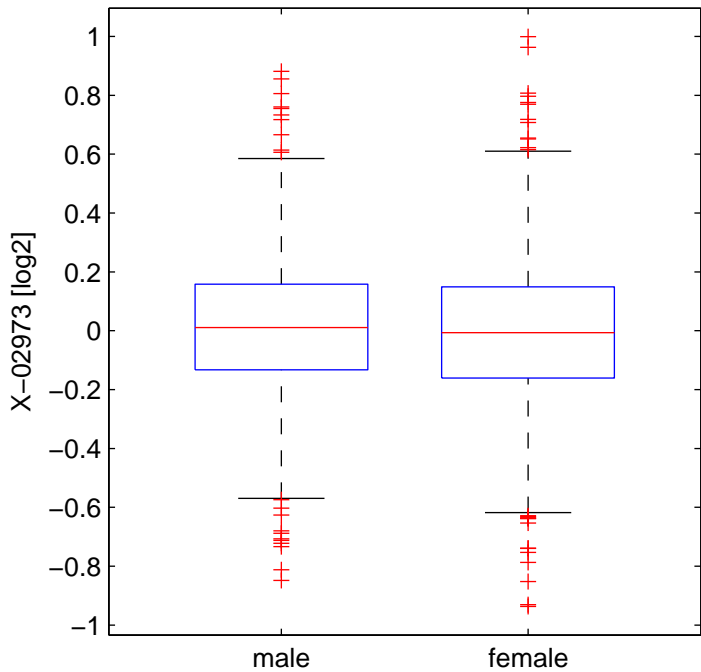
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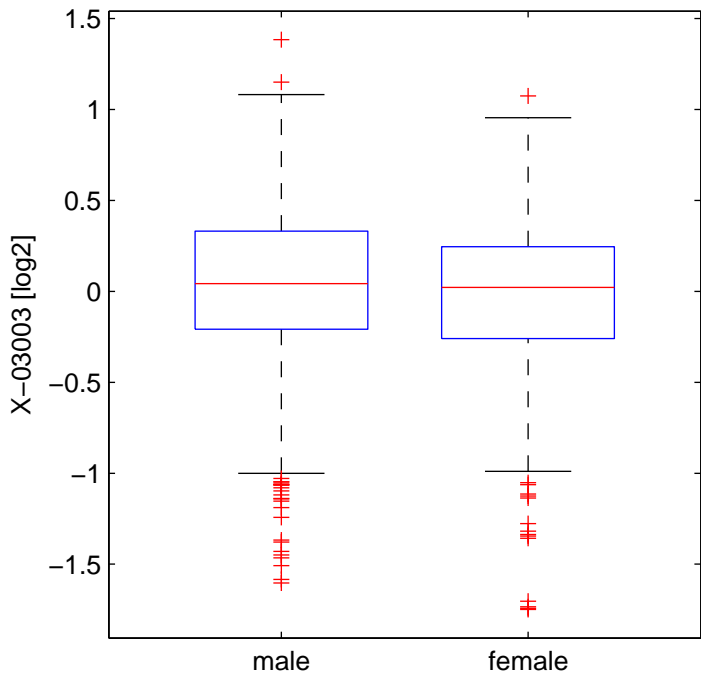
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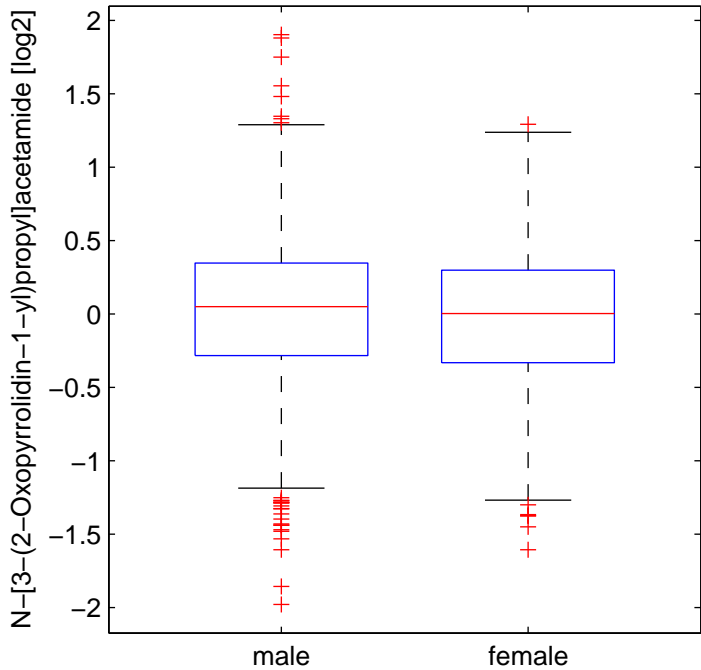
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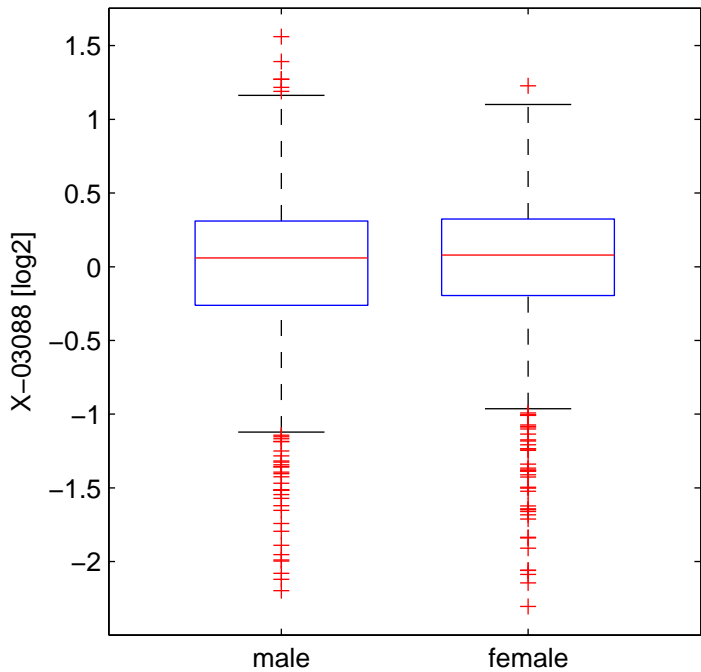
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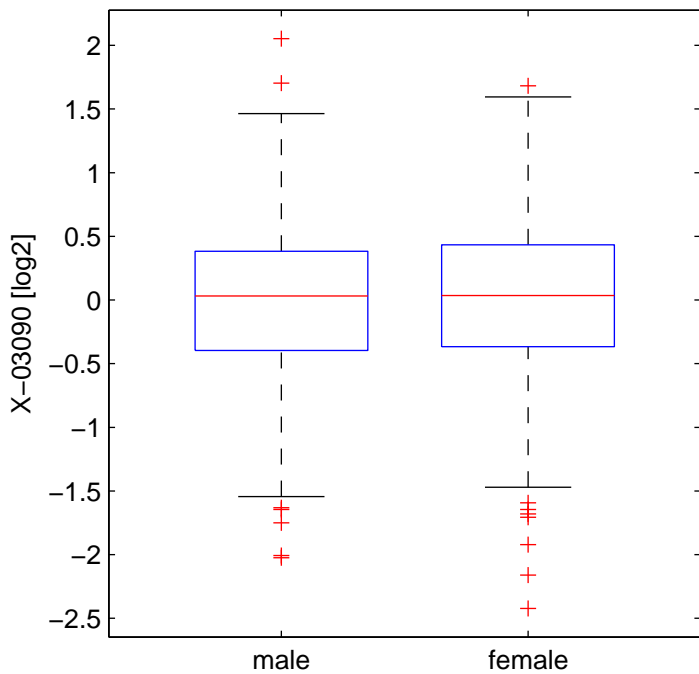
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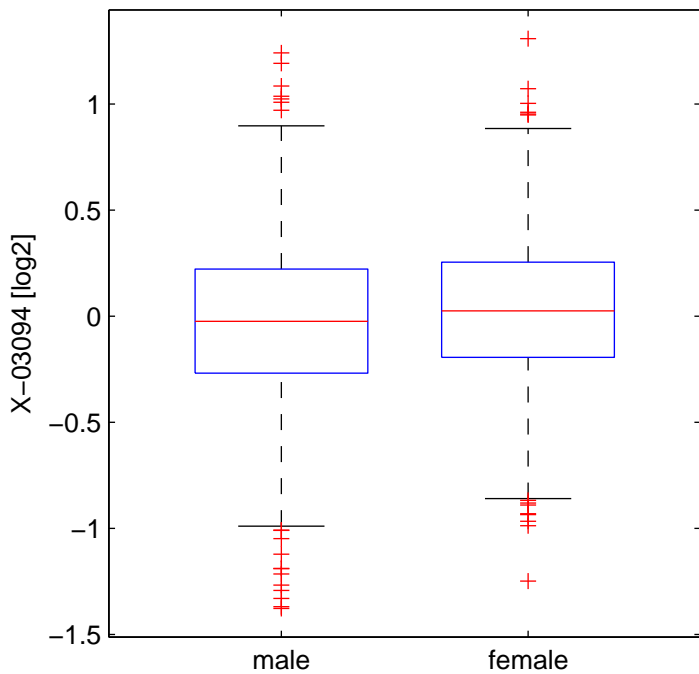
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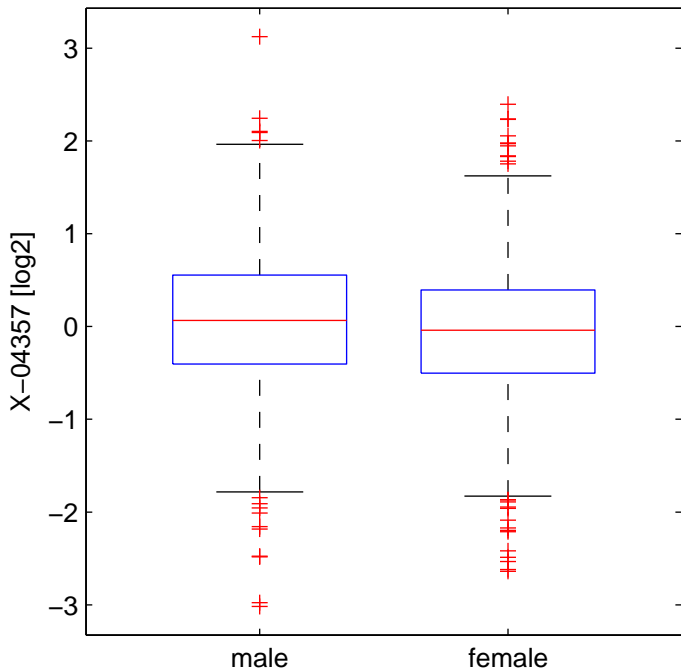
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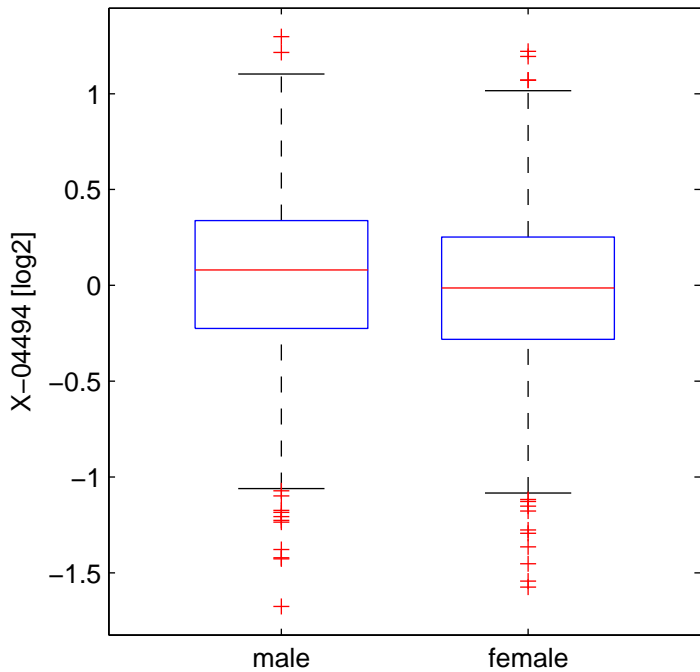
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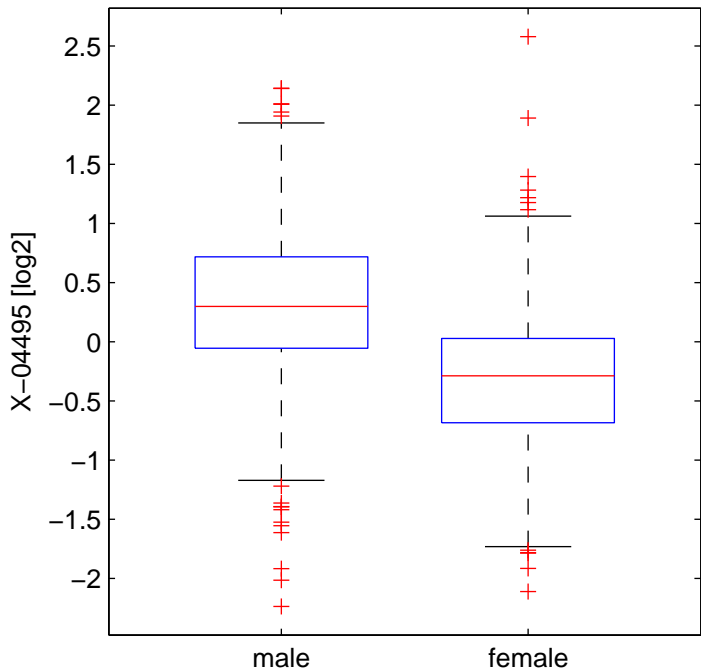
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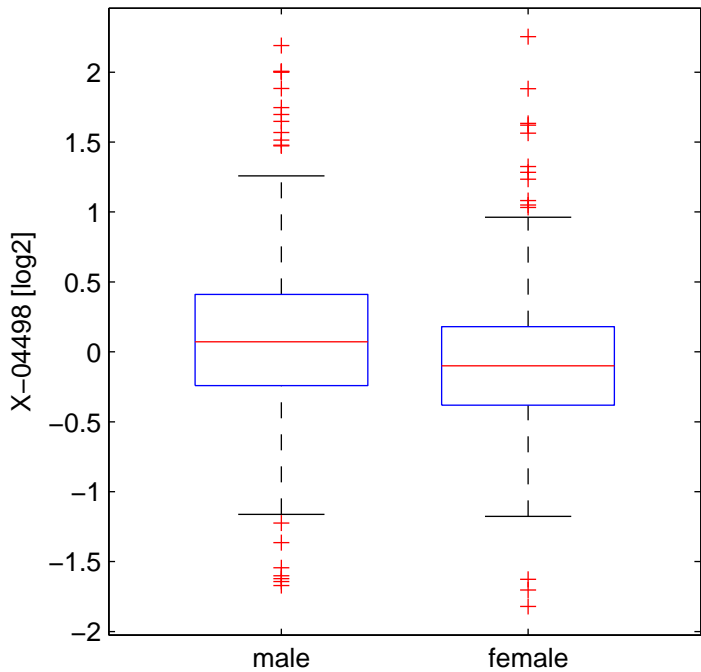
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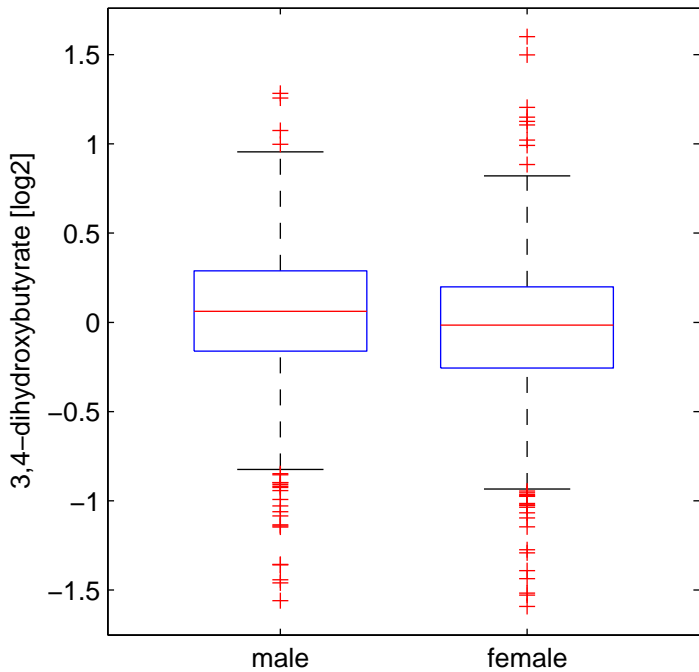
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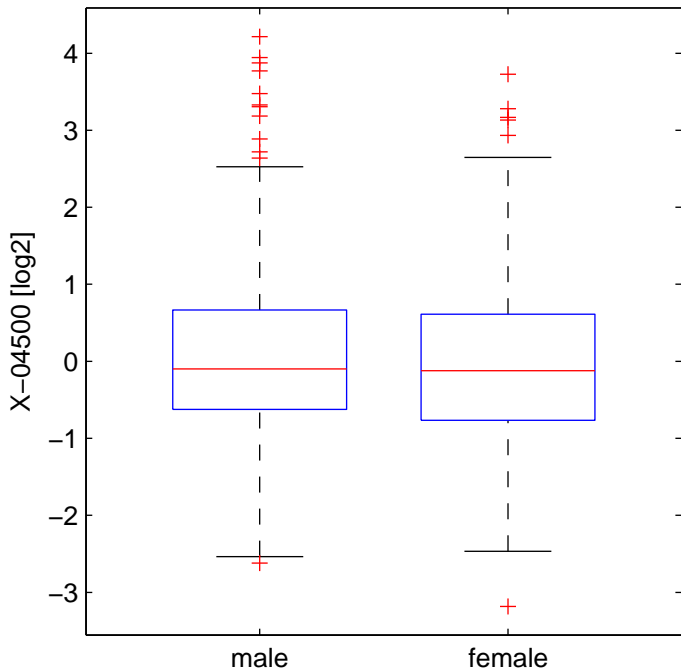
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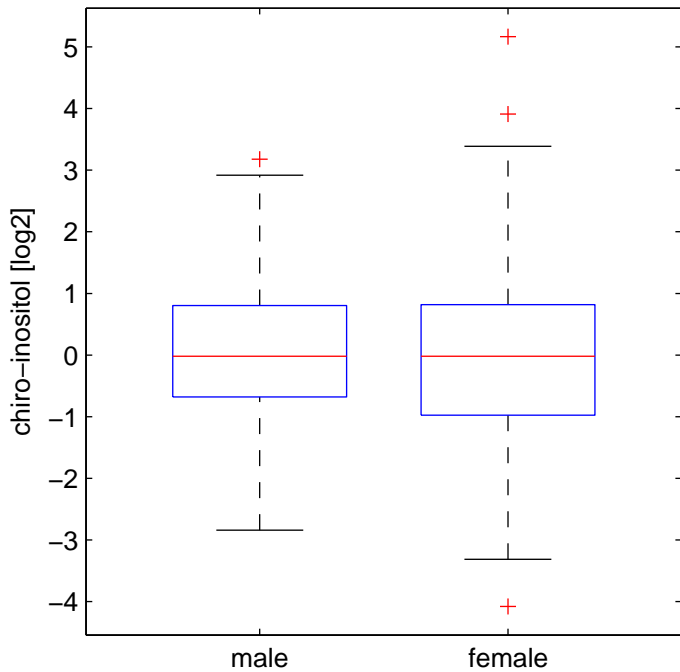
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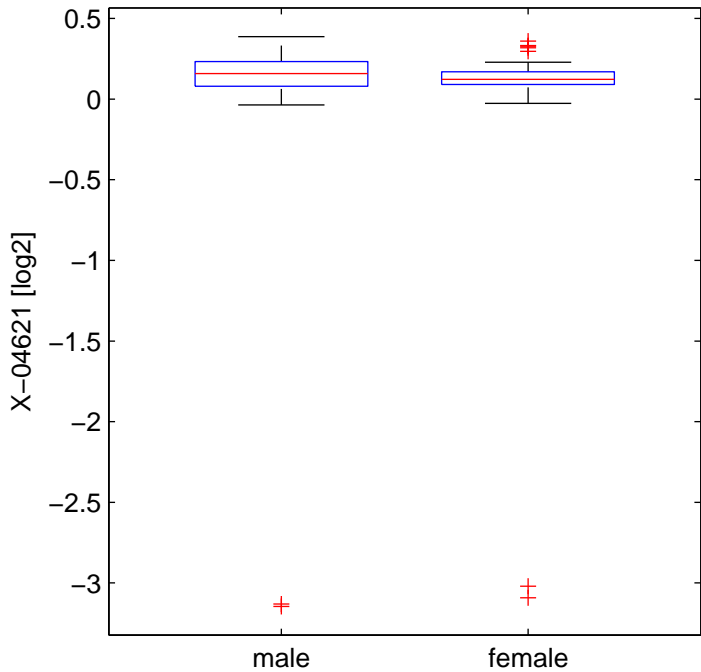
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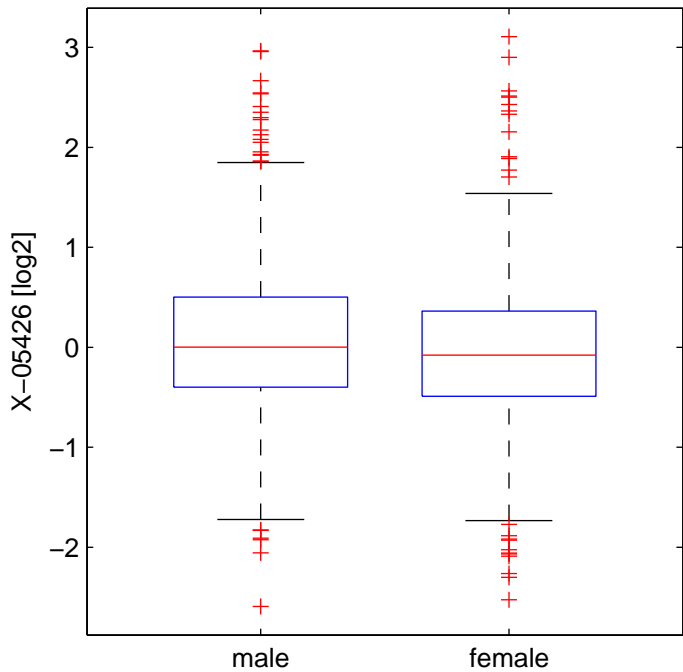
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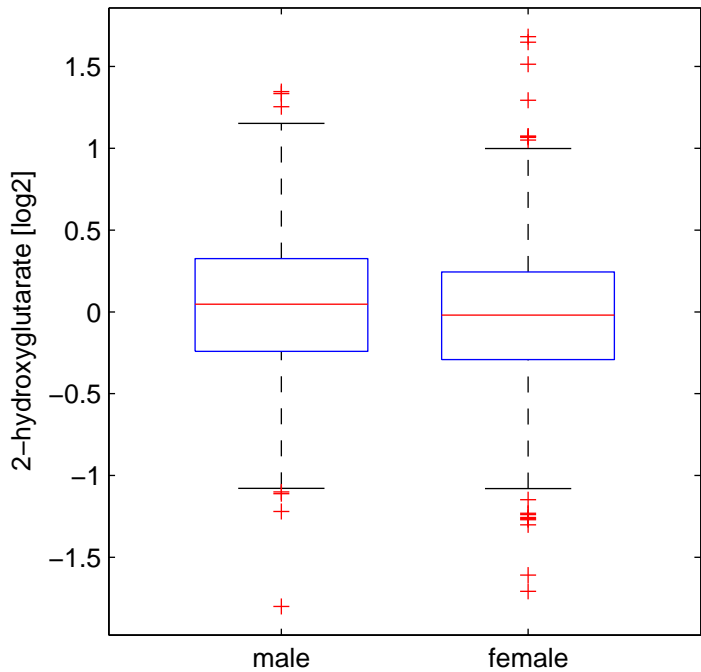
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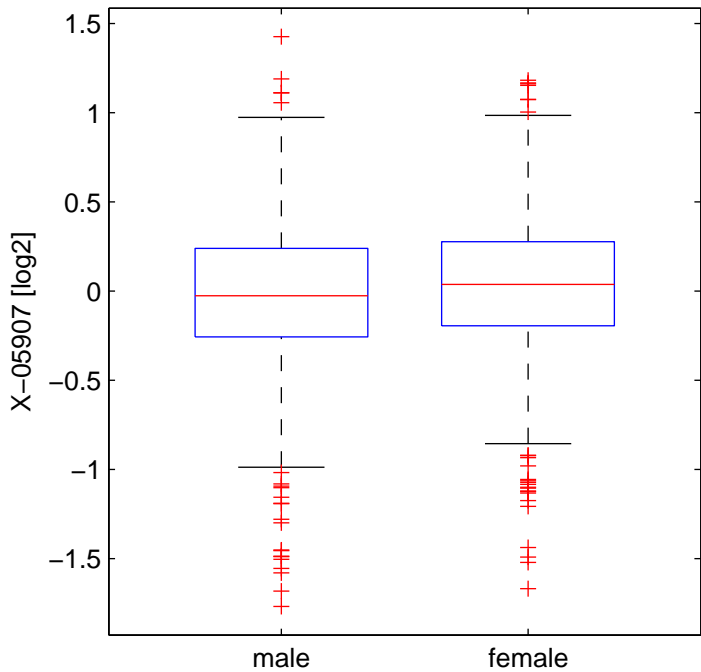
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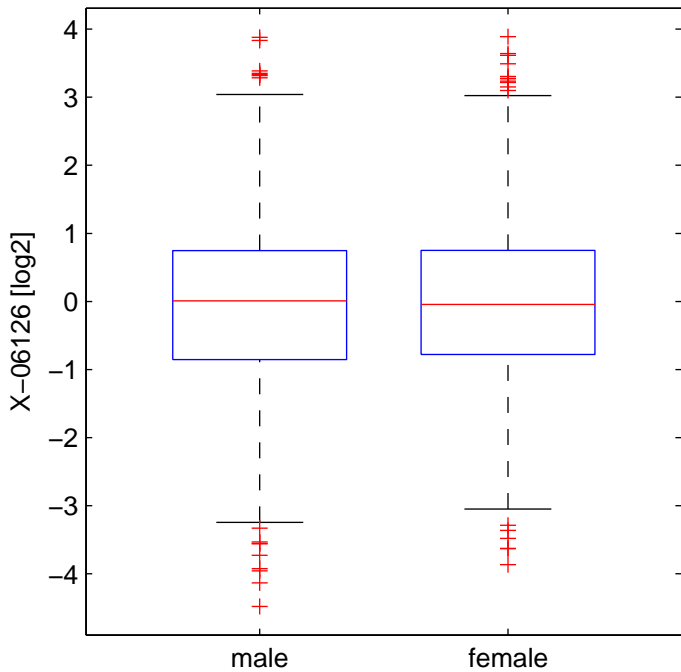
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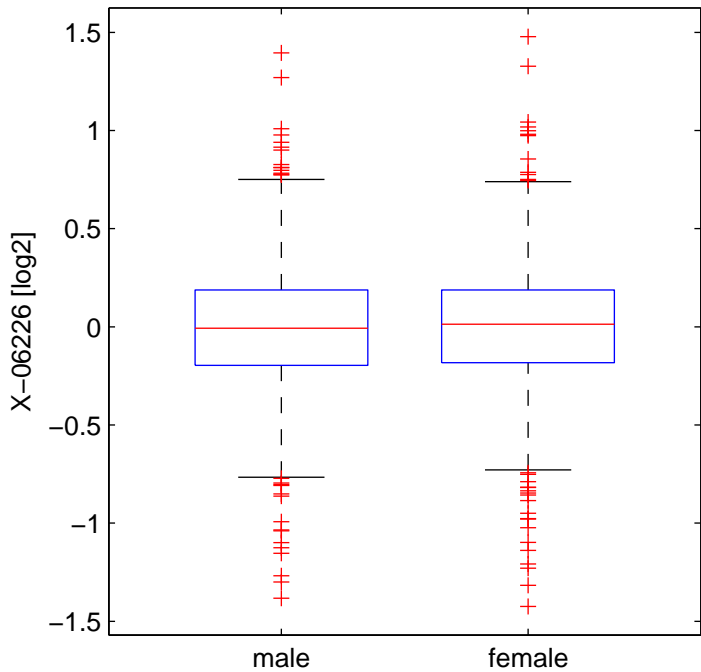
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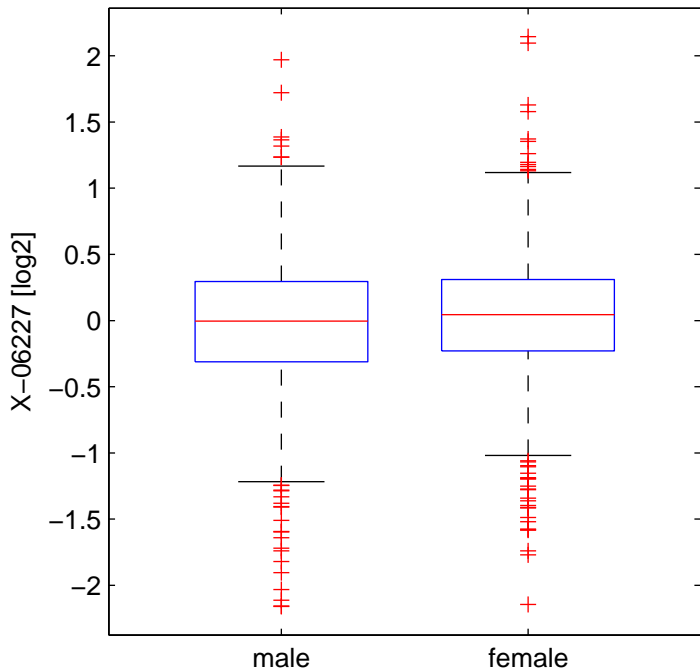
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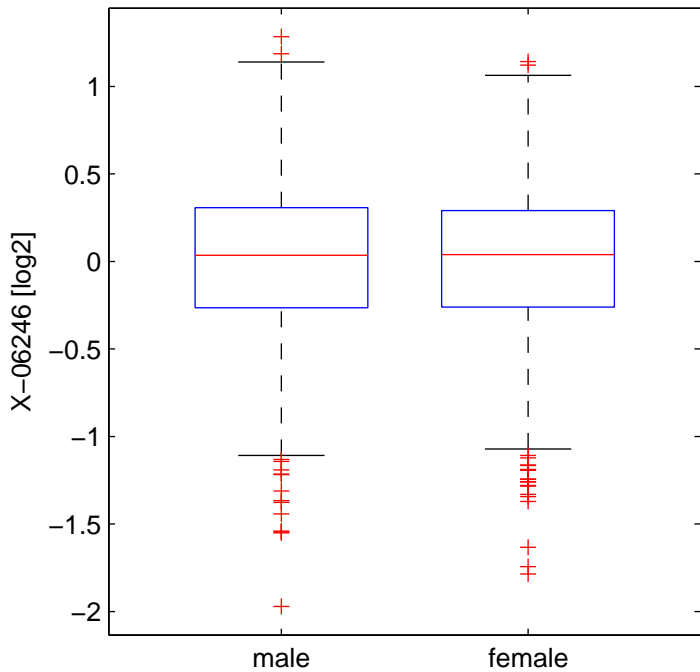
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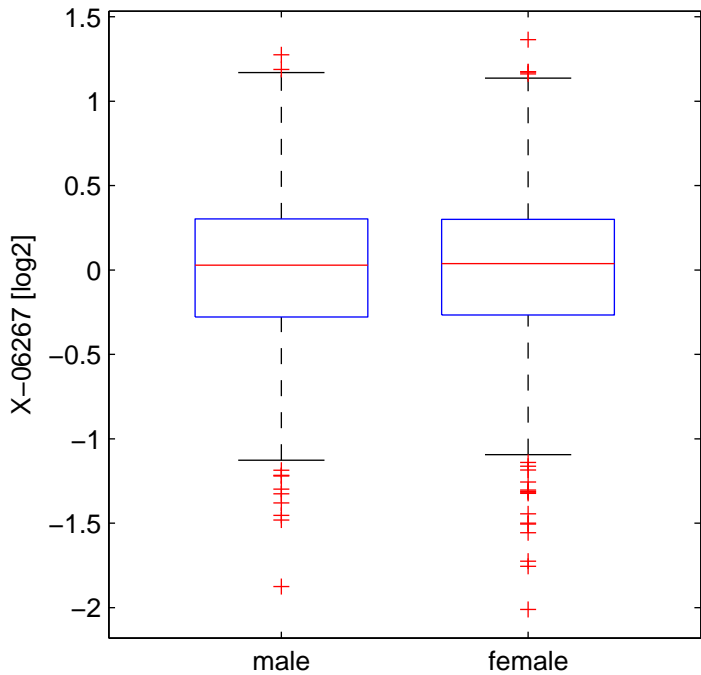
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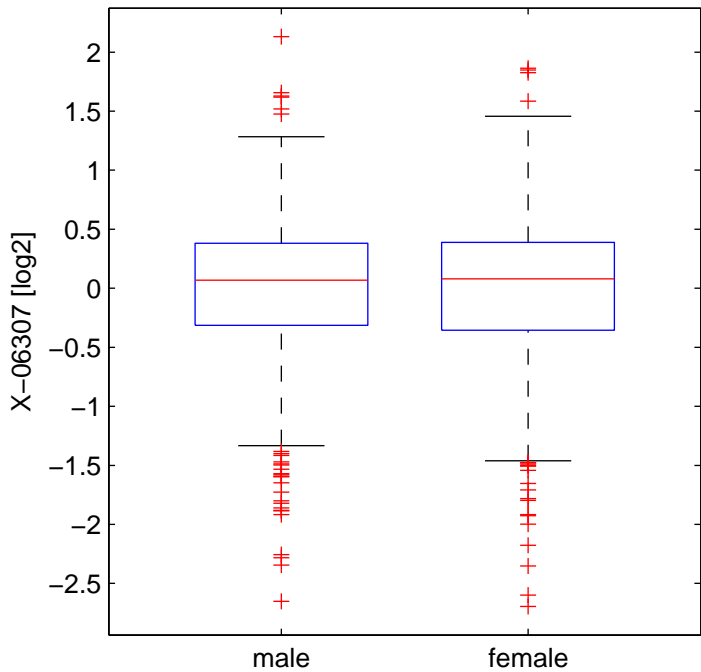
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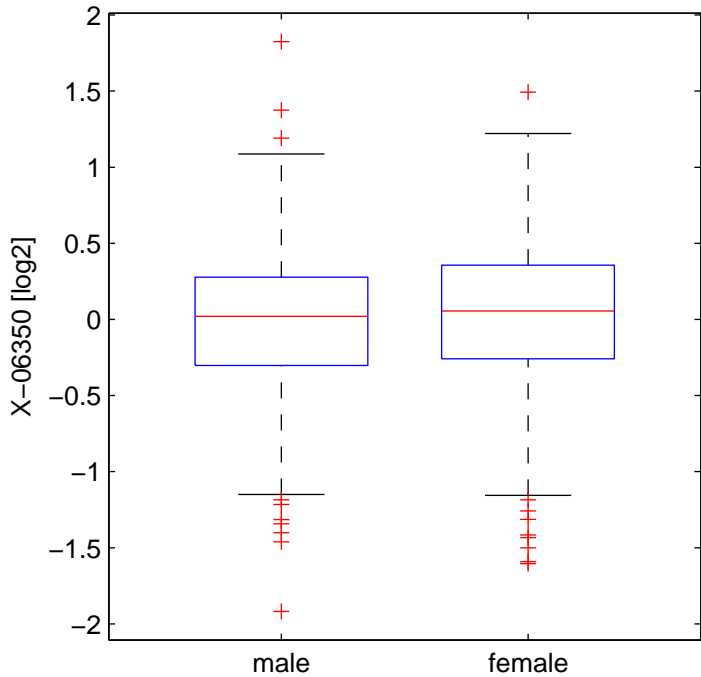
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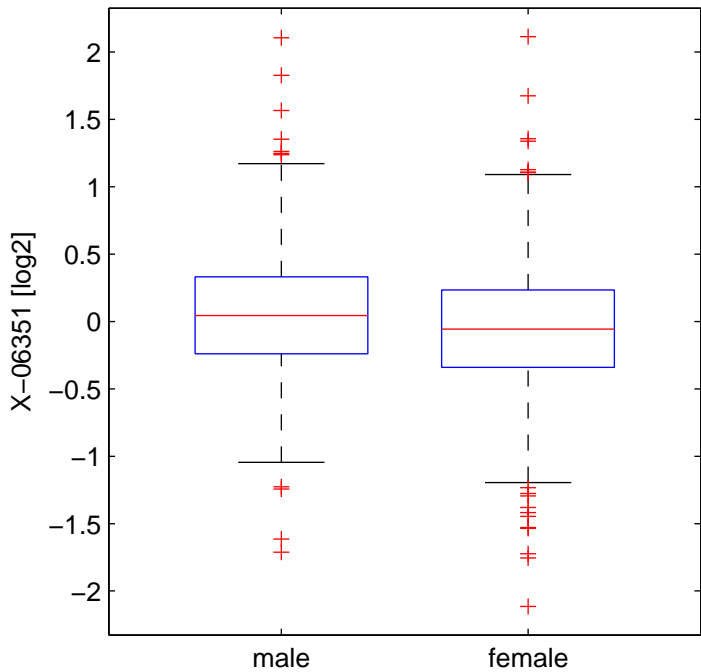
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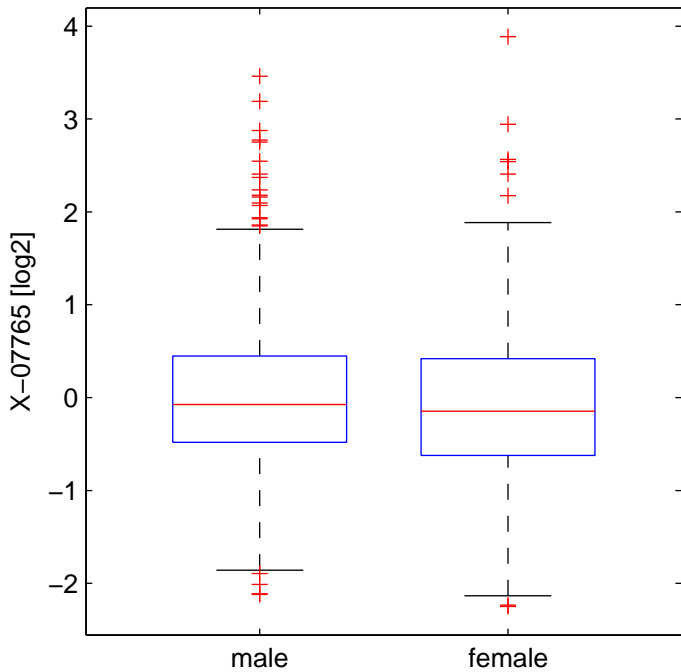
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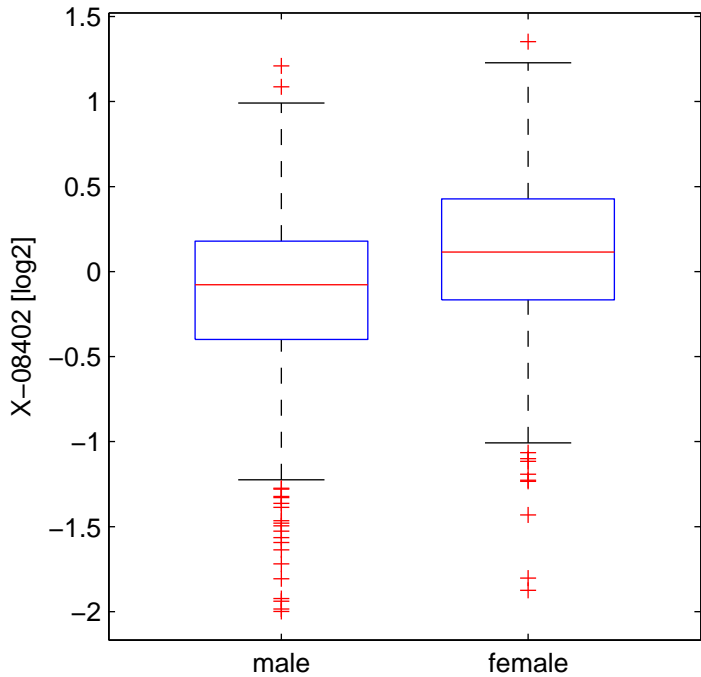
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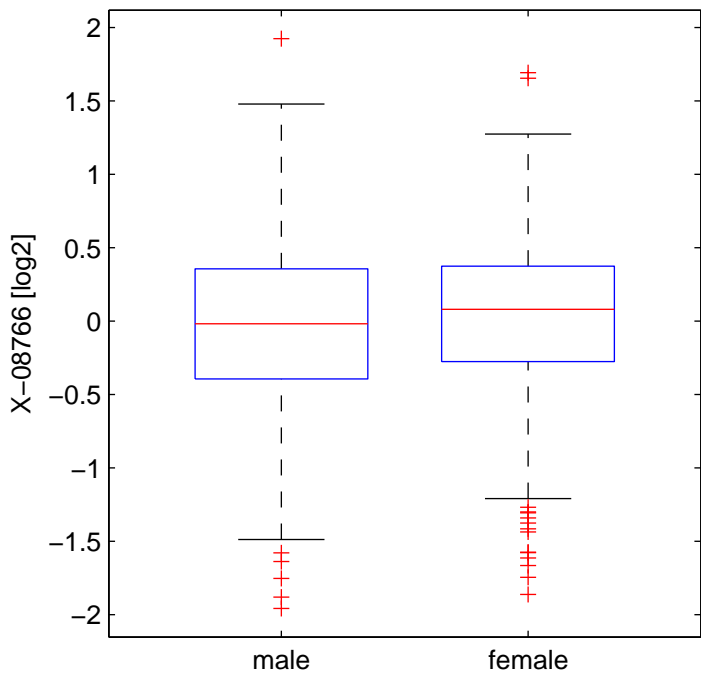
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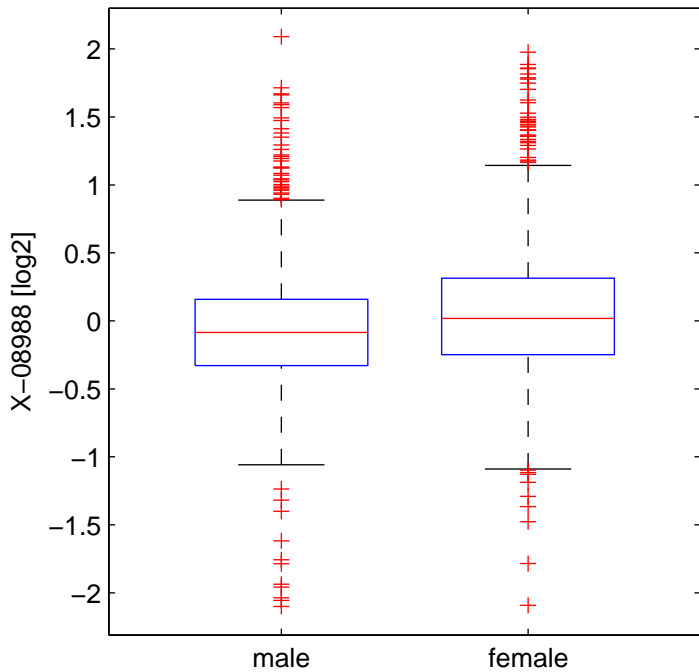
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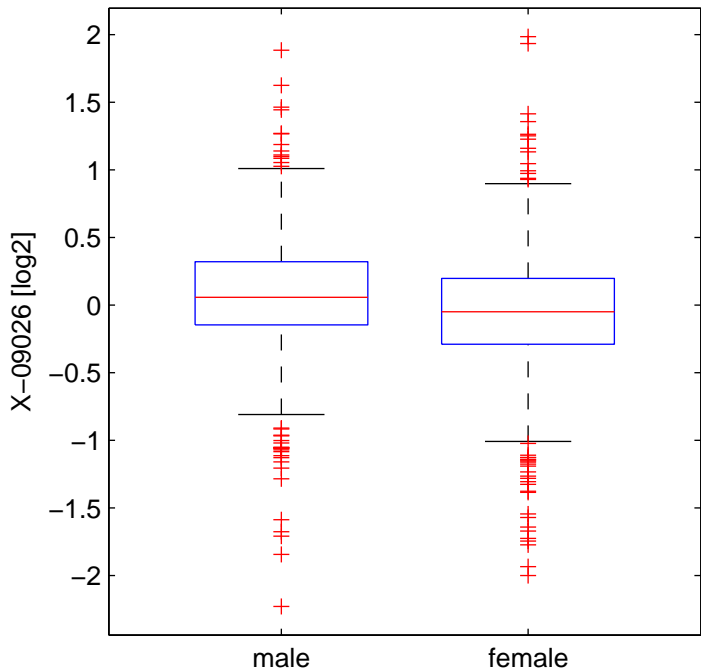
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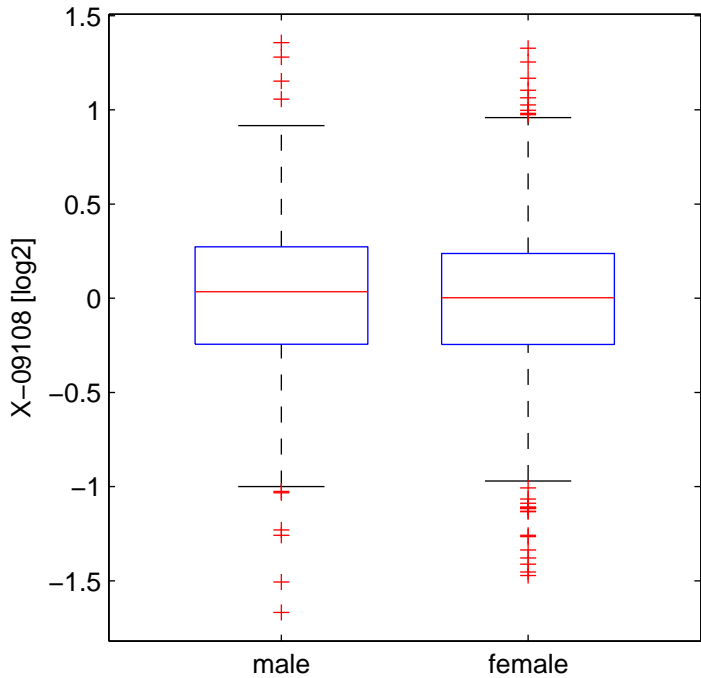
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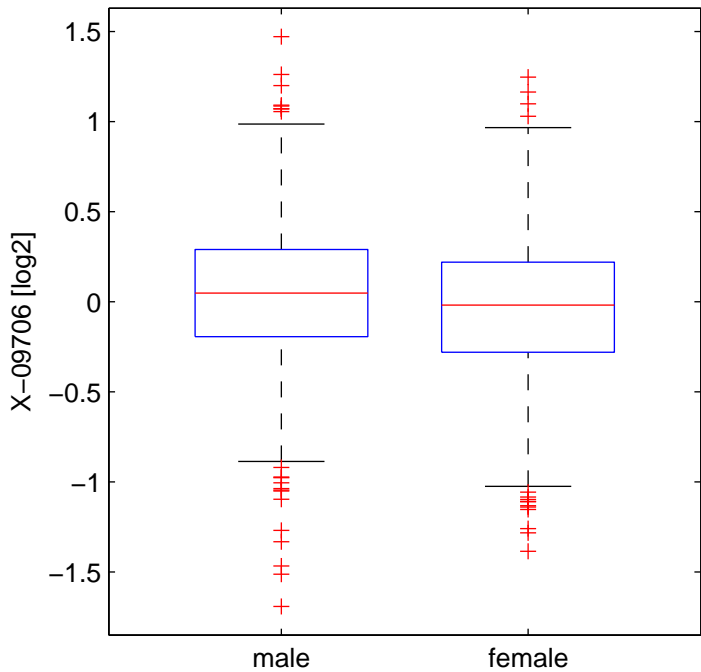
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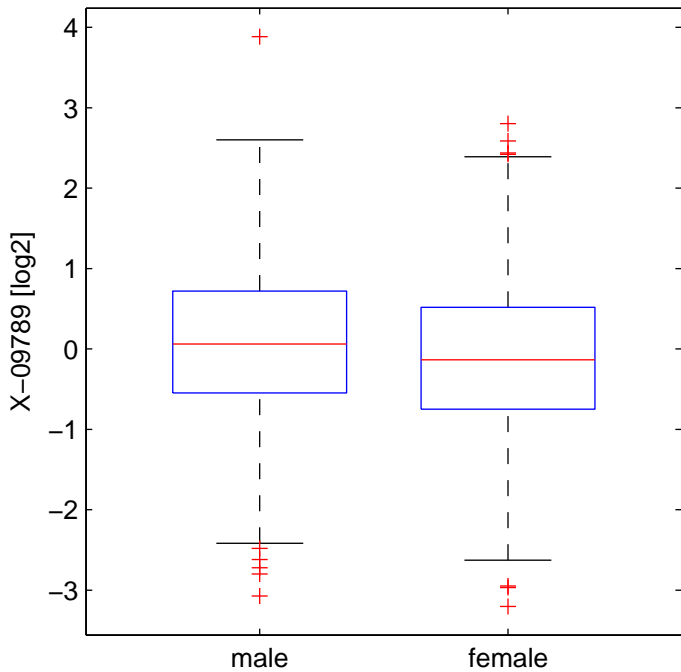
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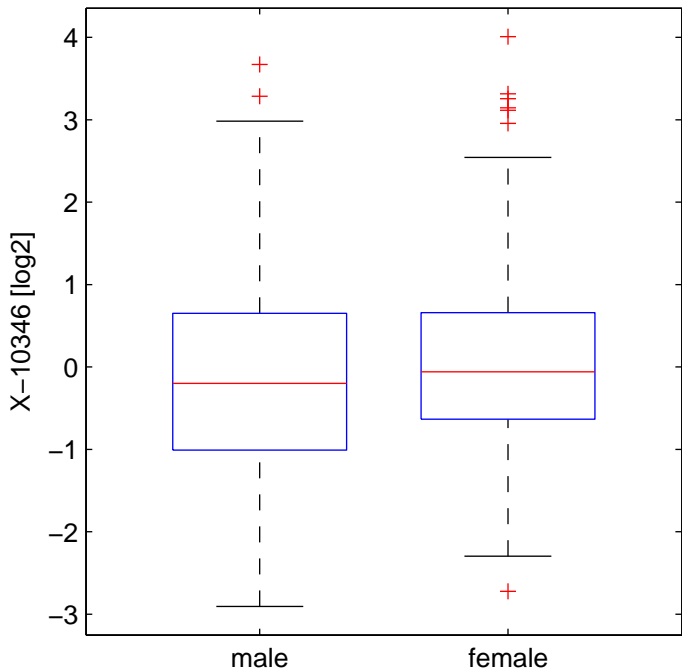
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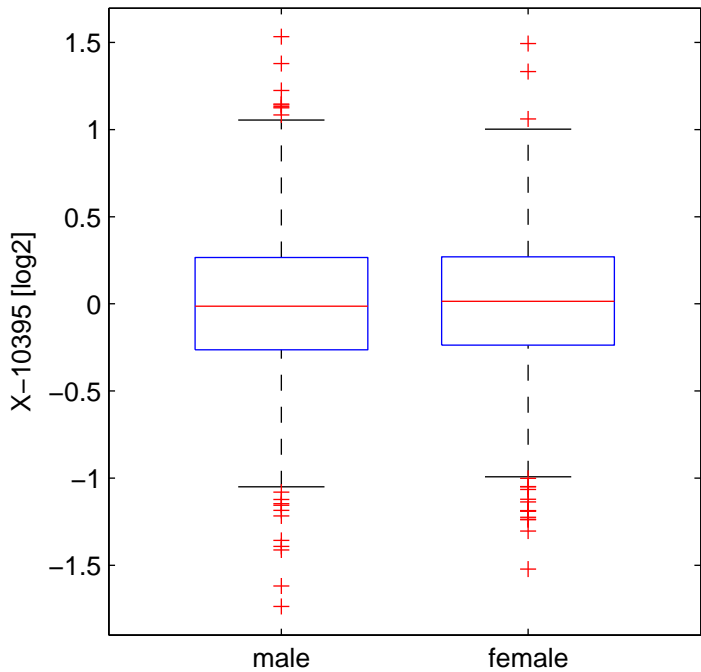
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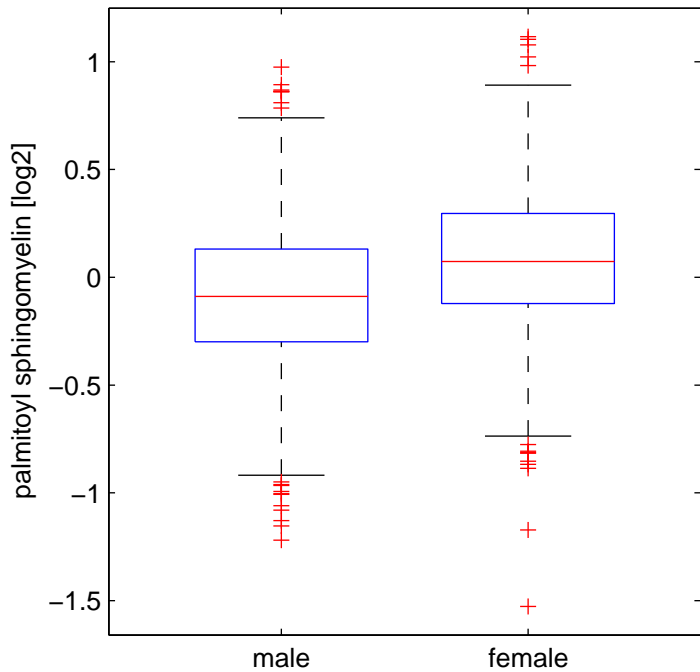
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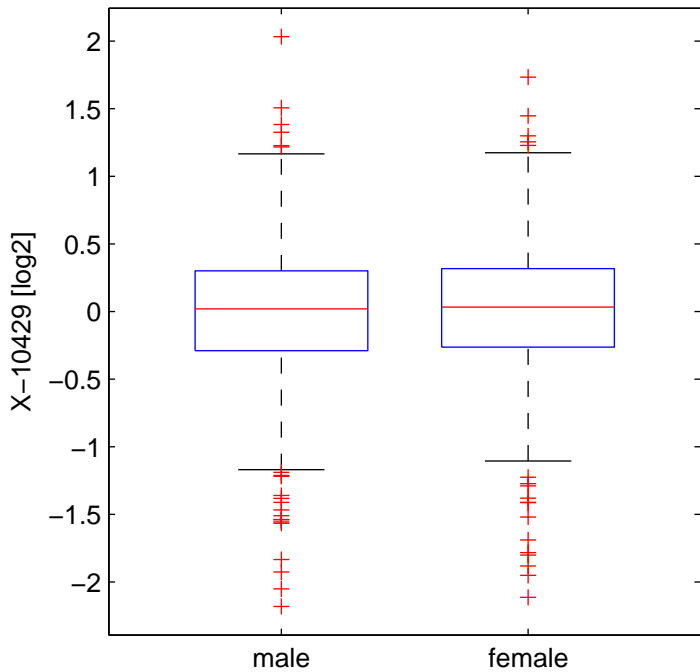
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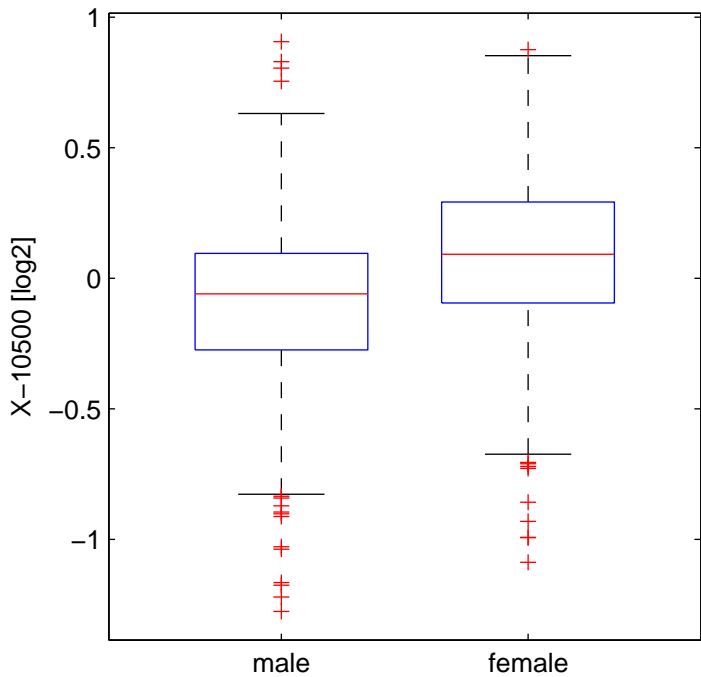
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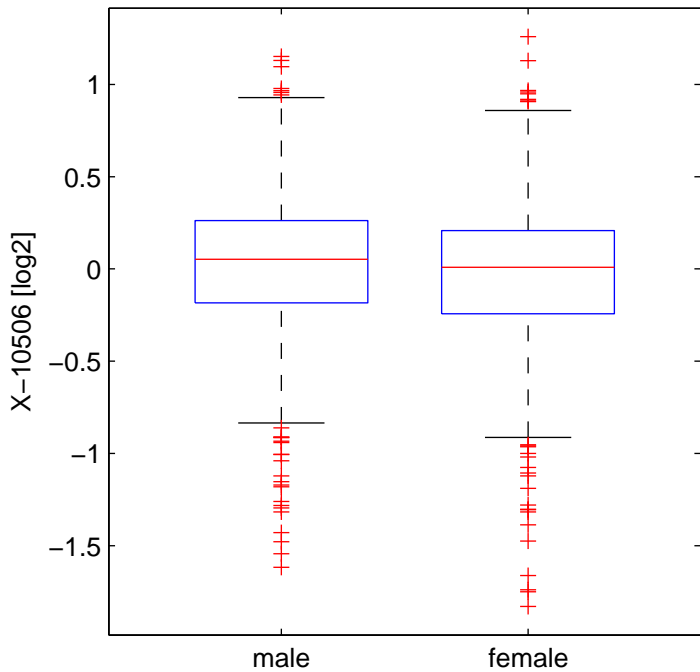
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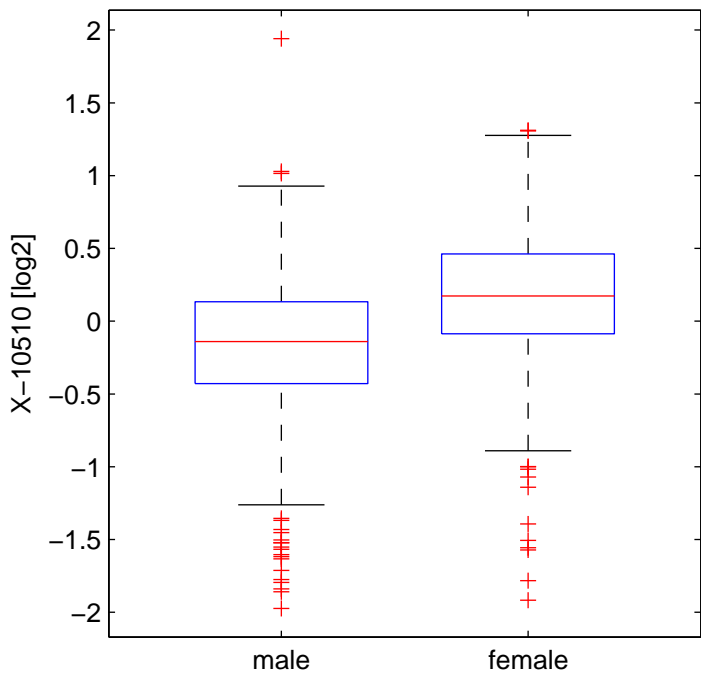
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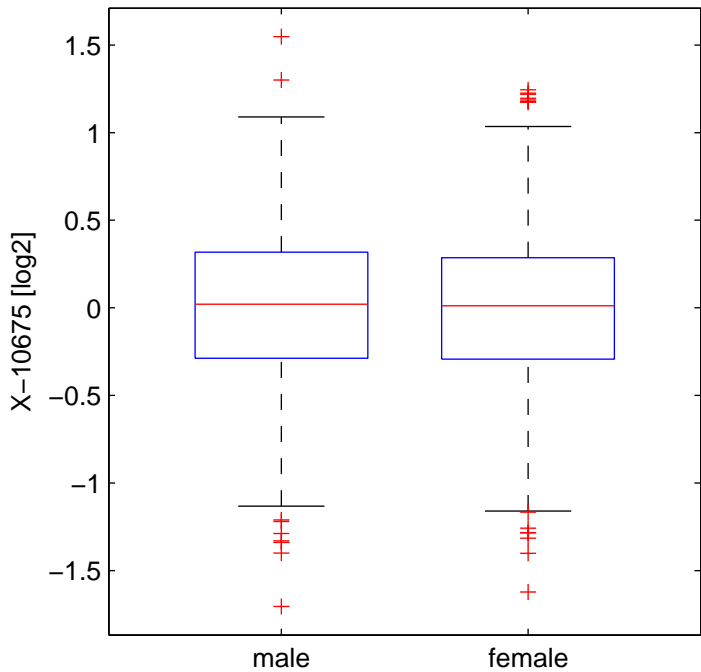
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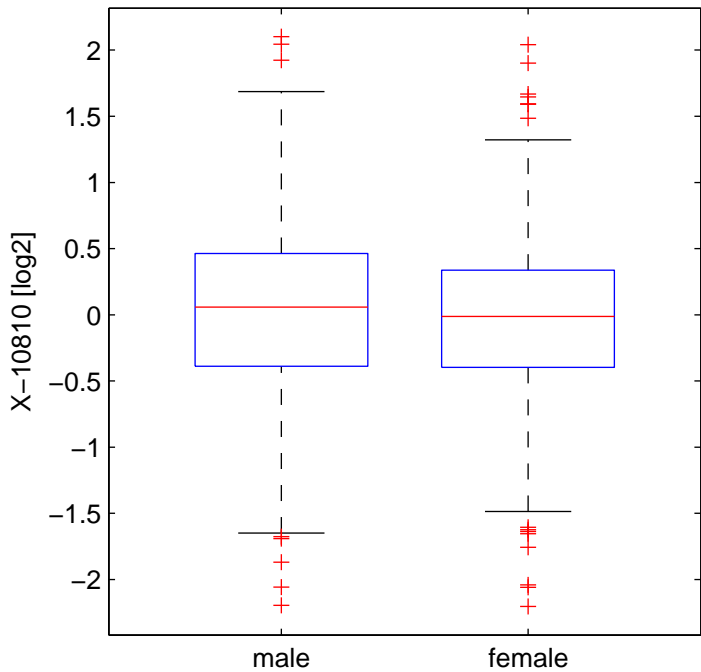
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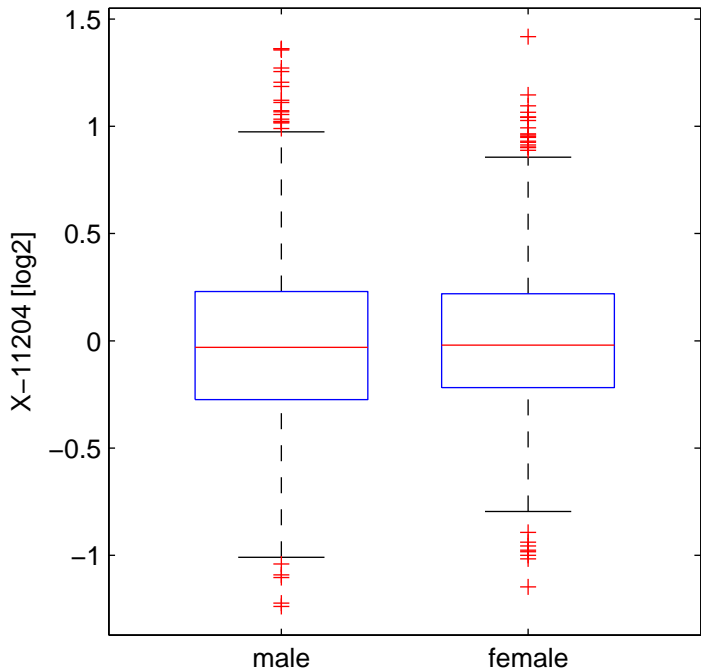
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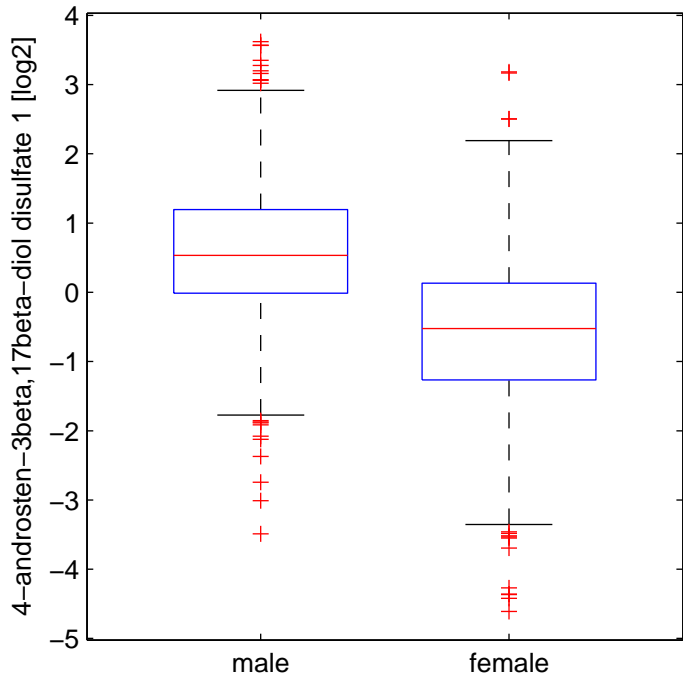
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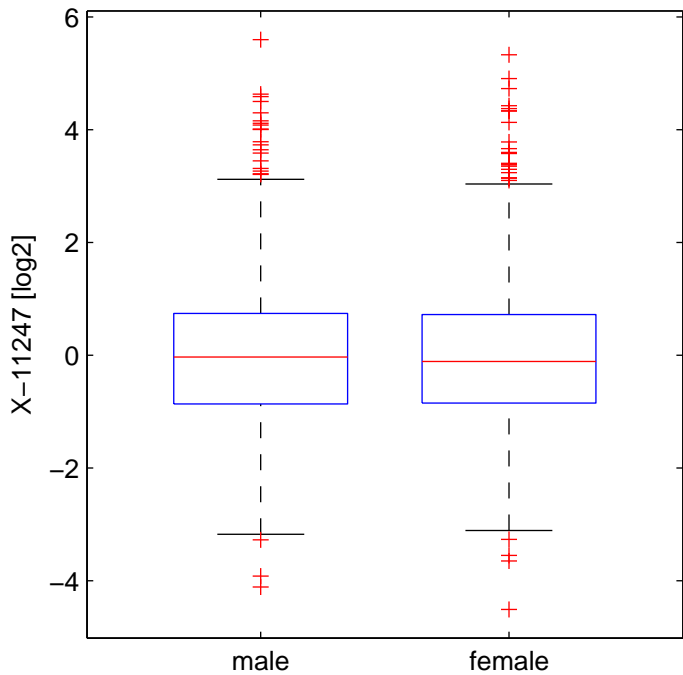
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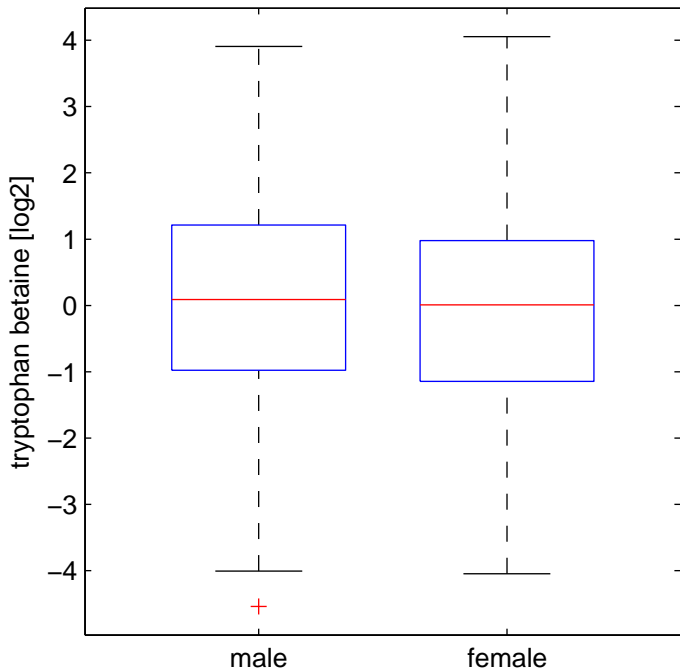
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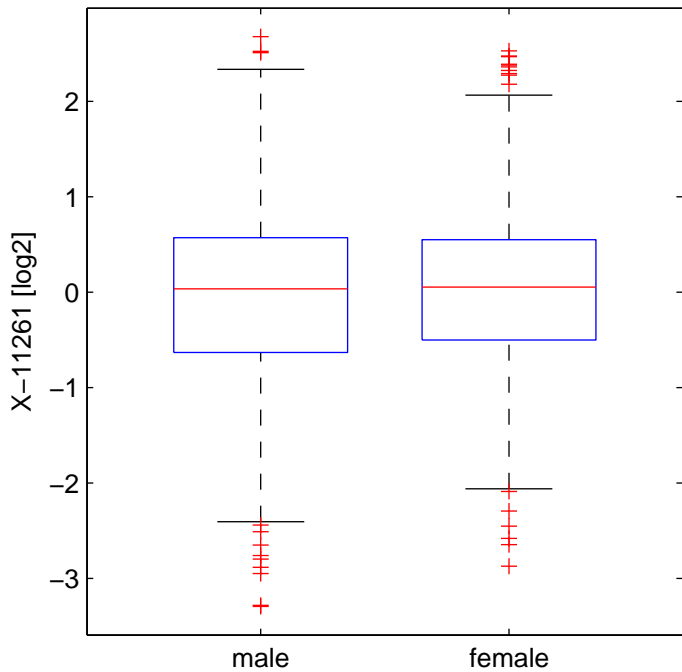
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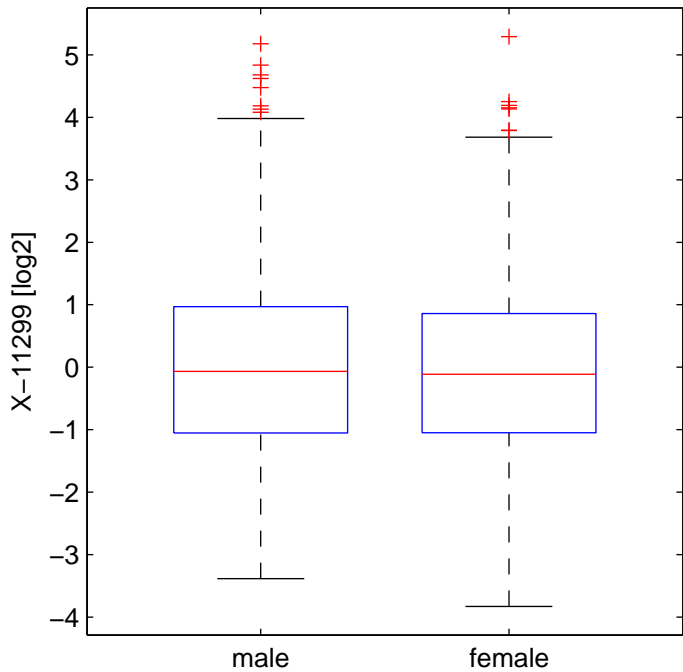
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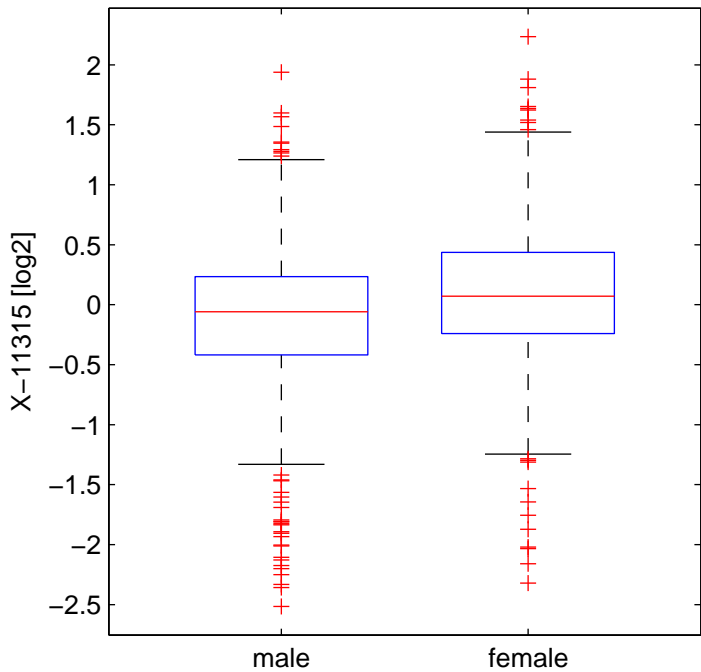
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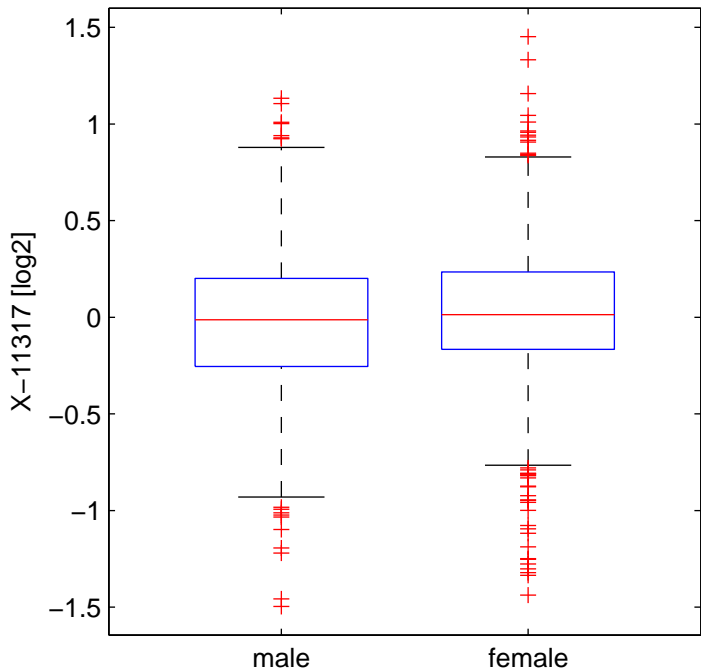
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p-val: 1.25e-013

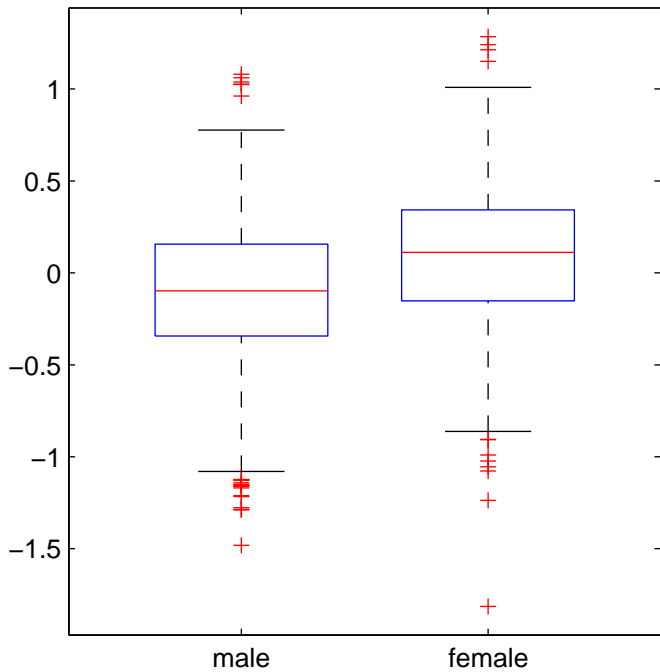


p-val: 2.11e-002

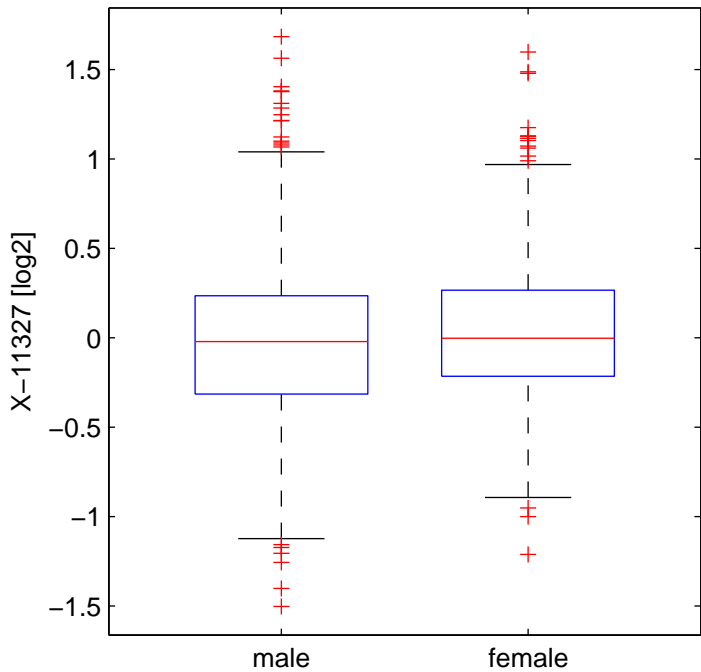


15-methyl/palmitate (isobar with 2-methyl/palmitate) [log2]

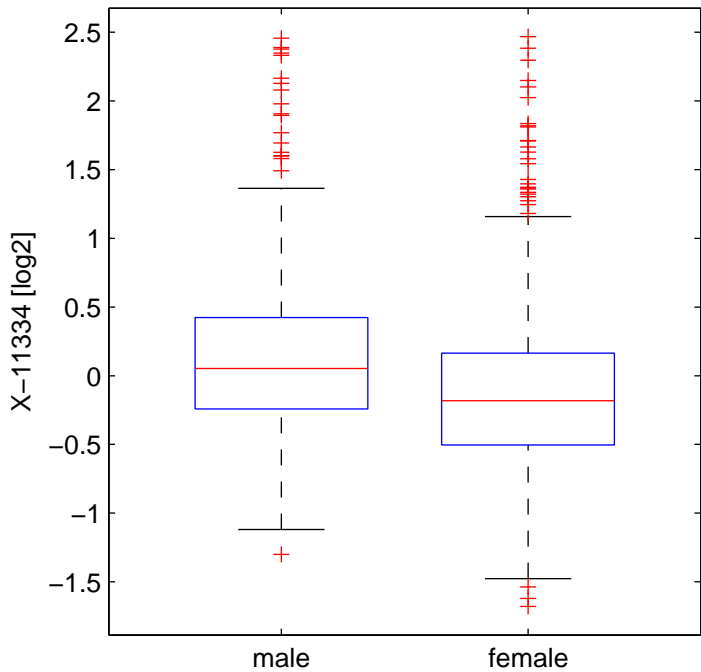
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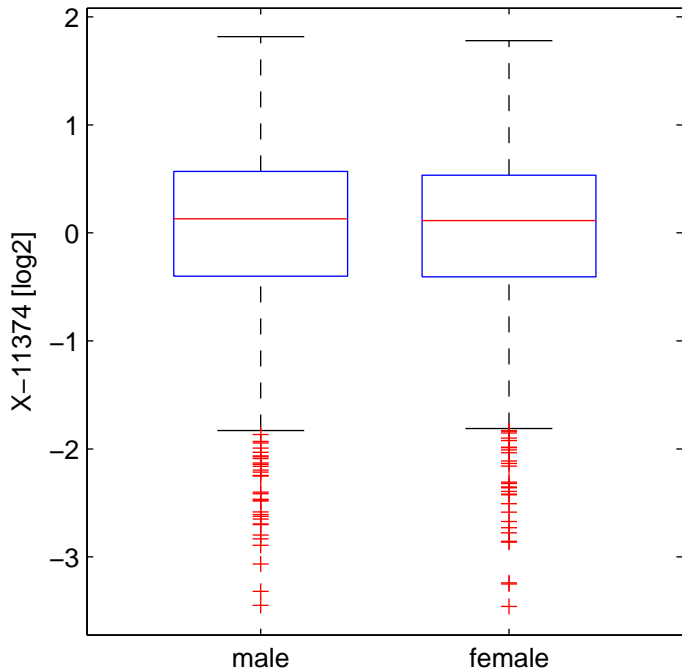
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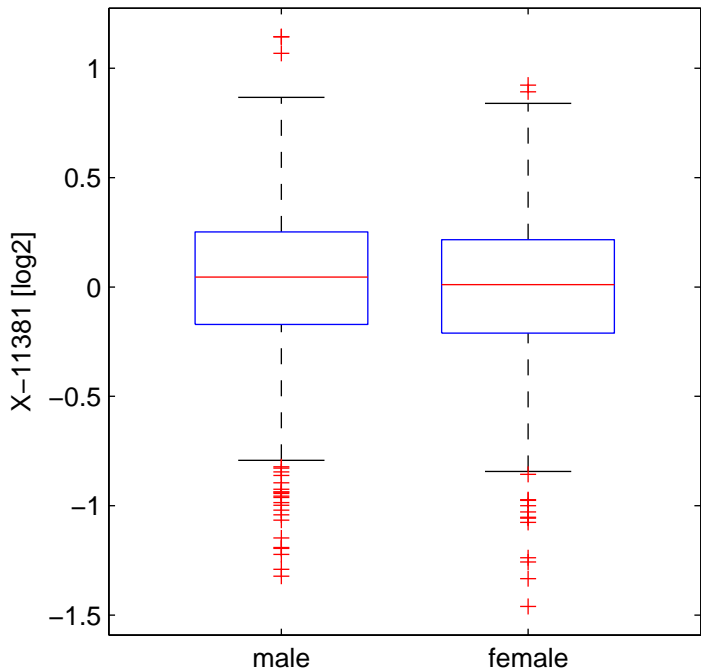
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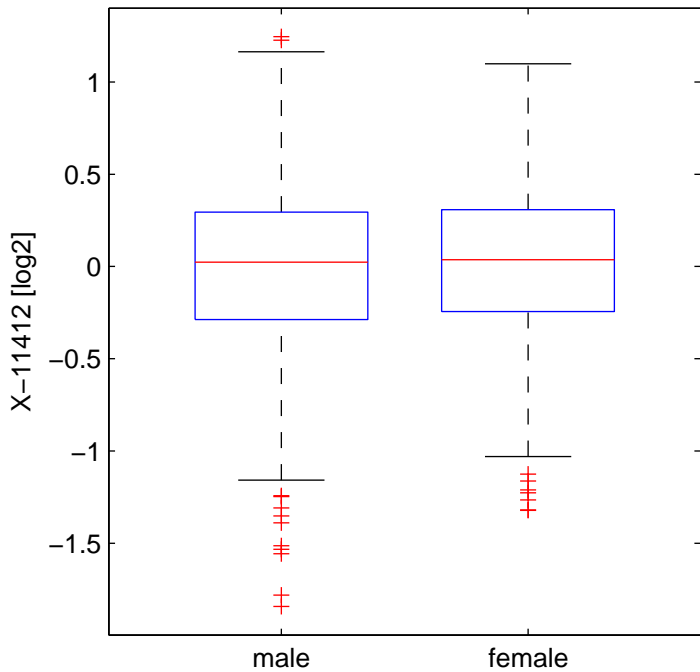
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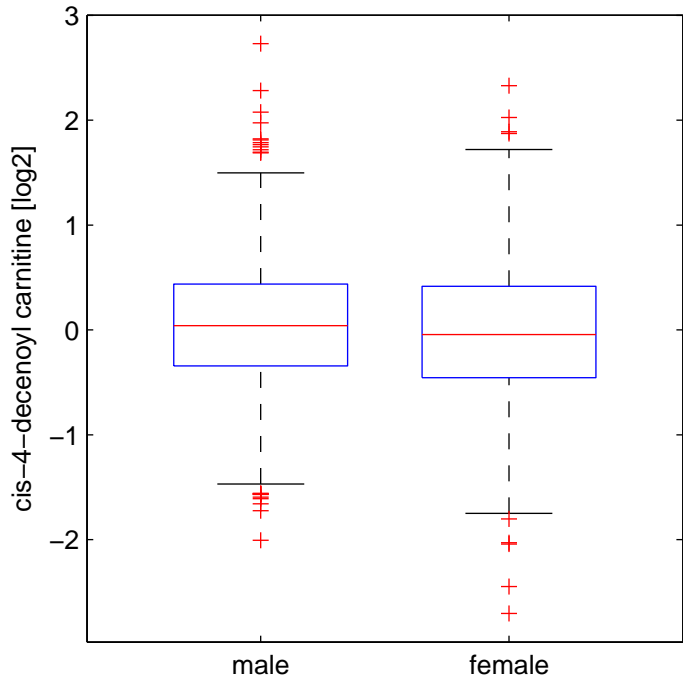
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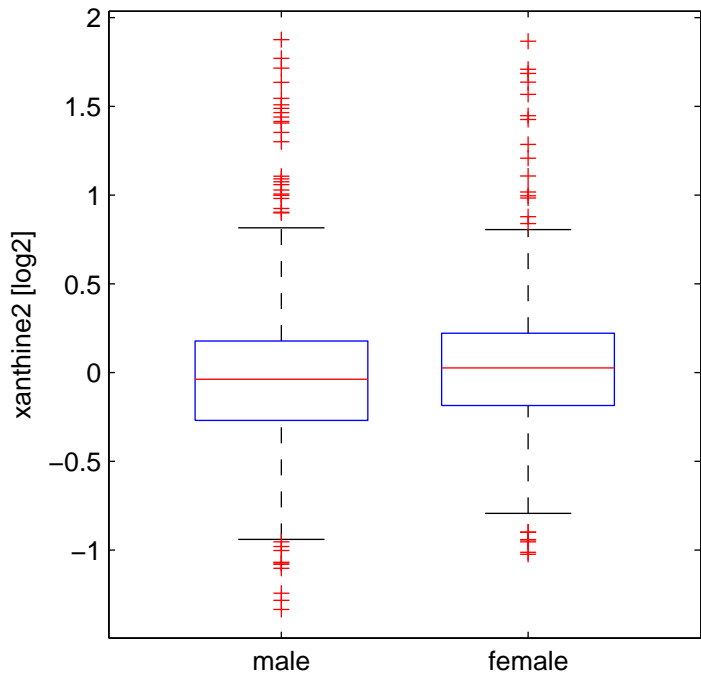
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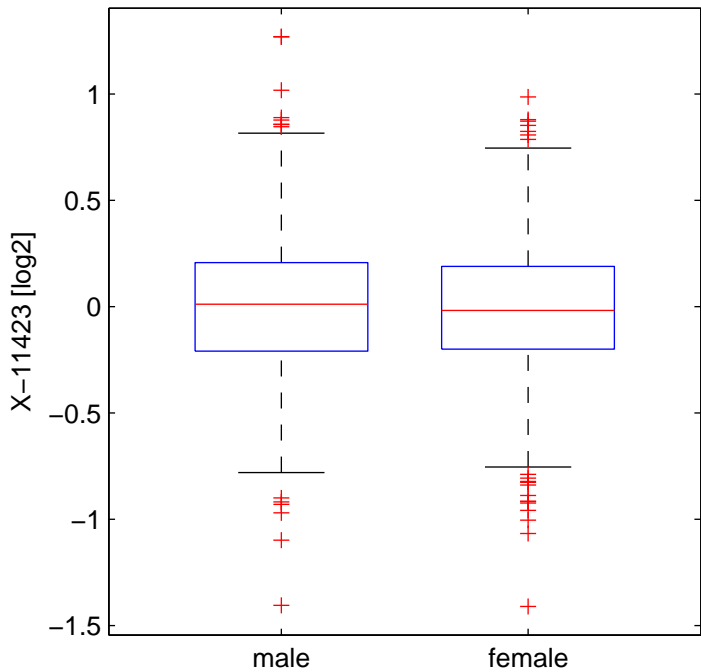
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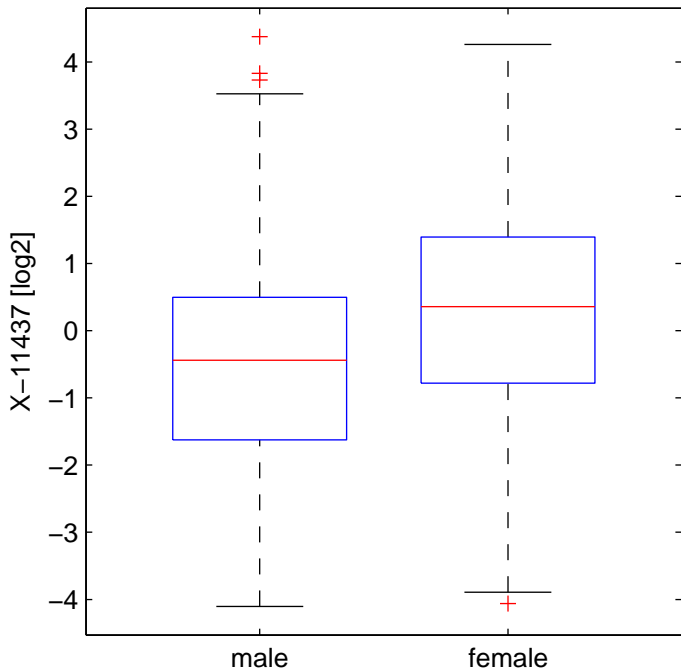
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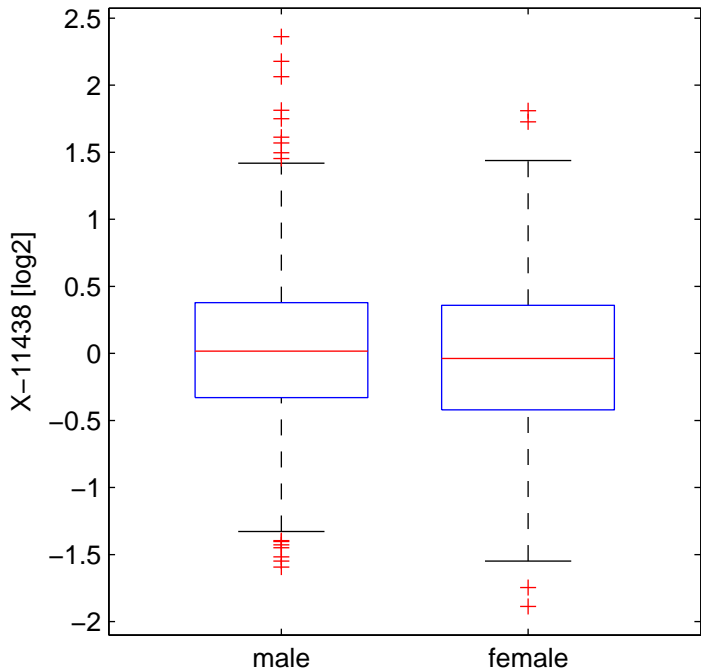
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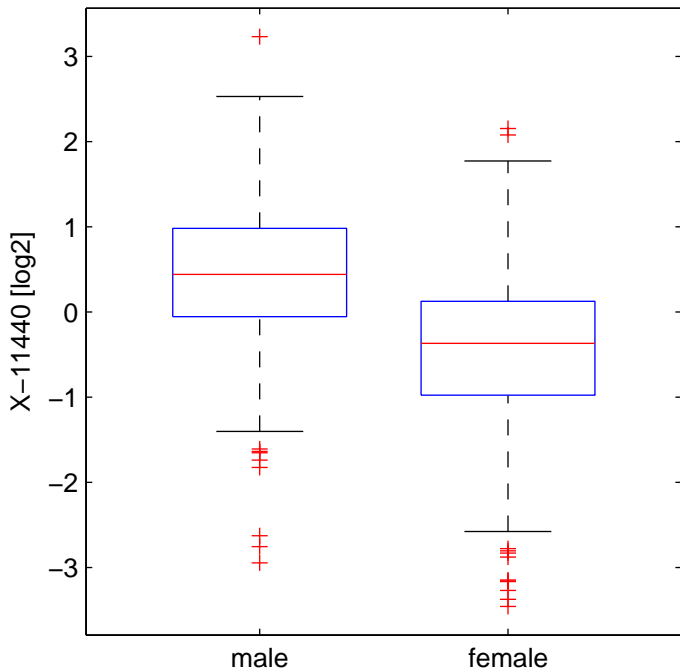
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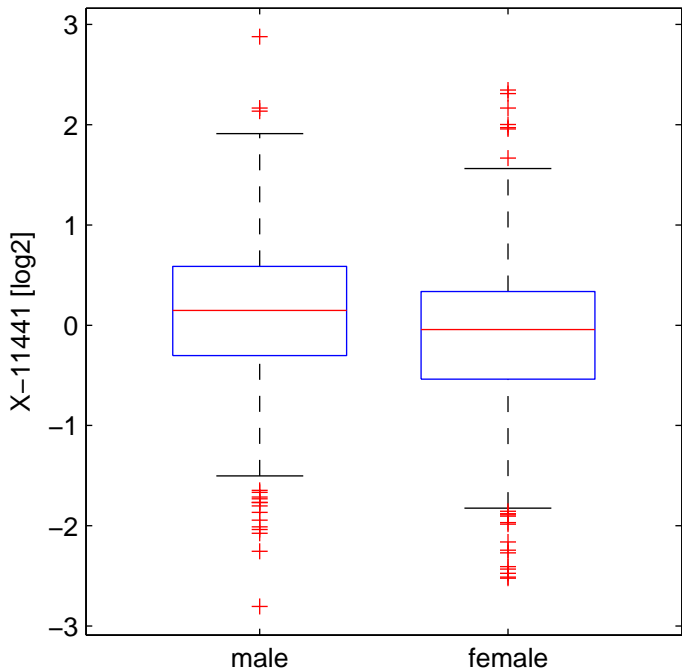
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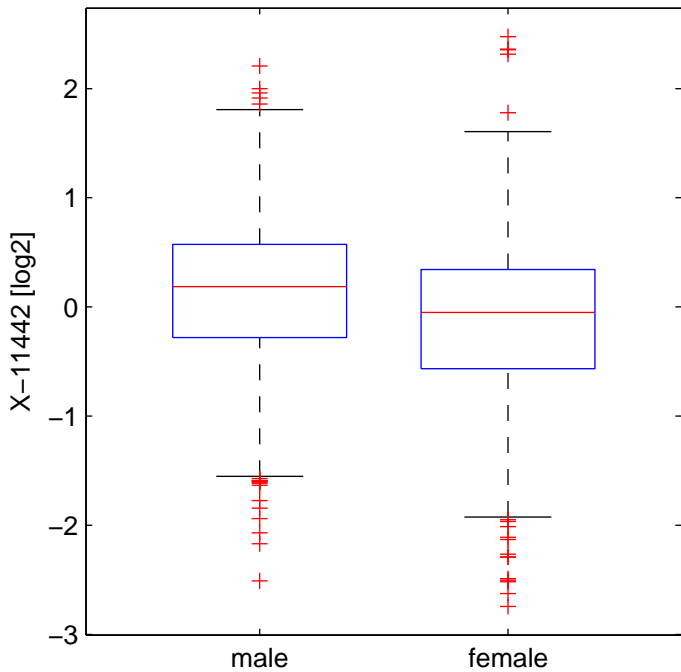
p-val: 7.46e-089



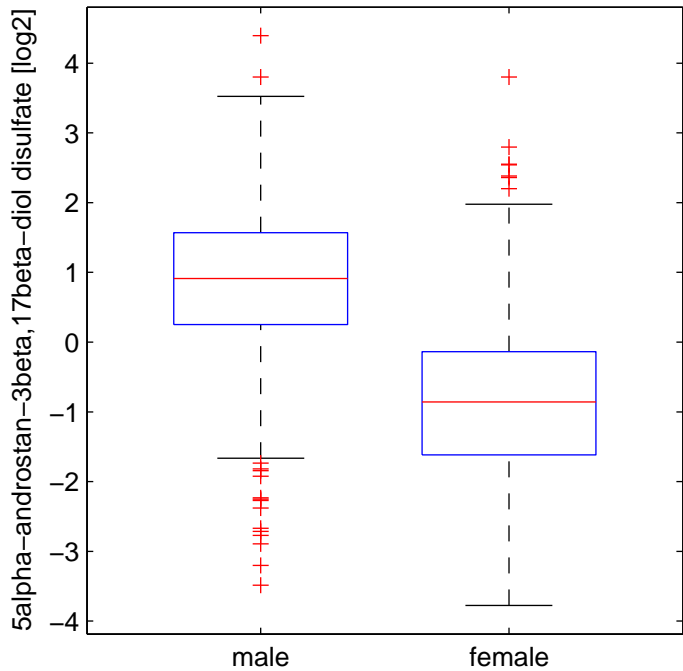
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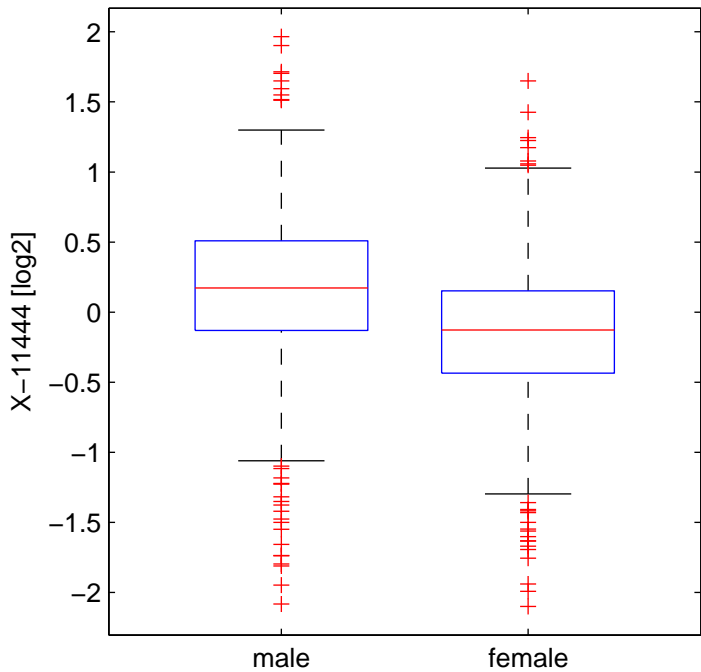
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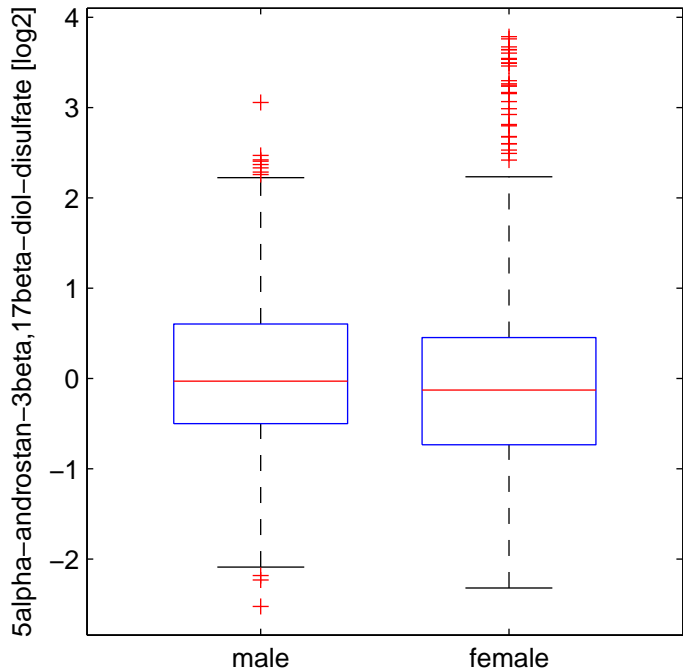
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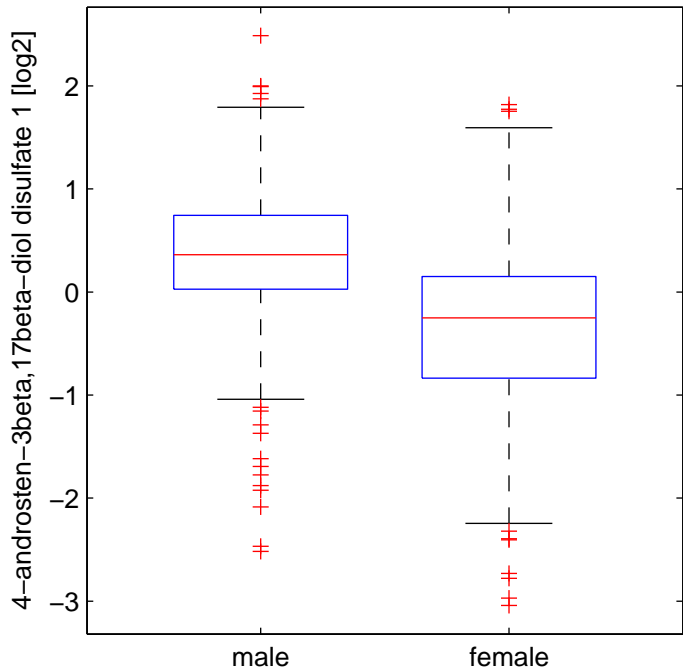
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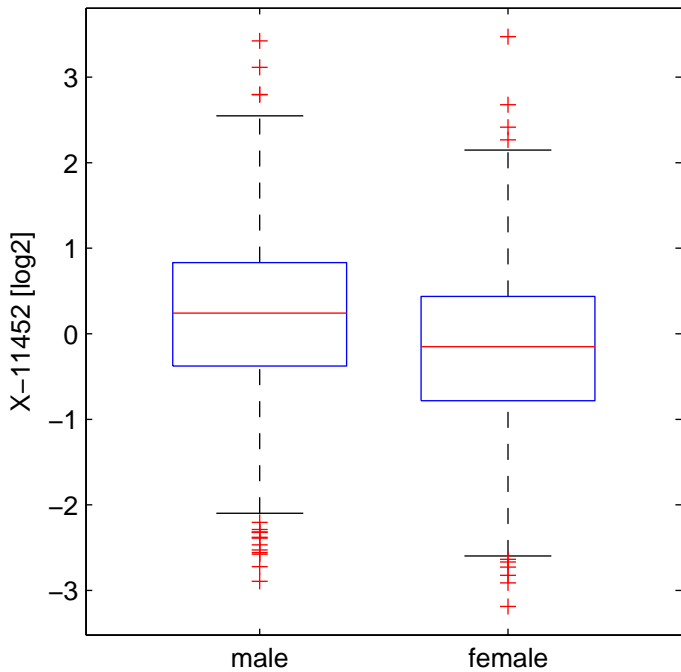
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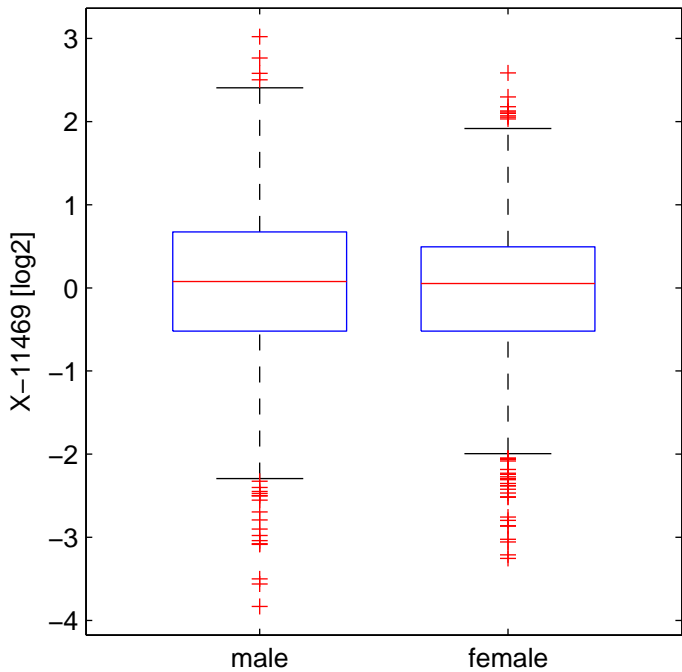
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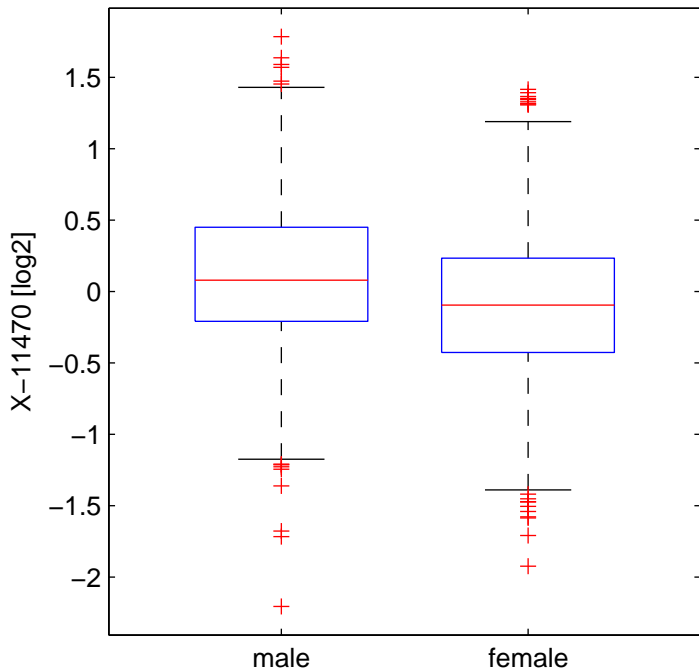
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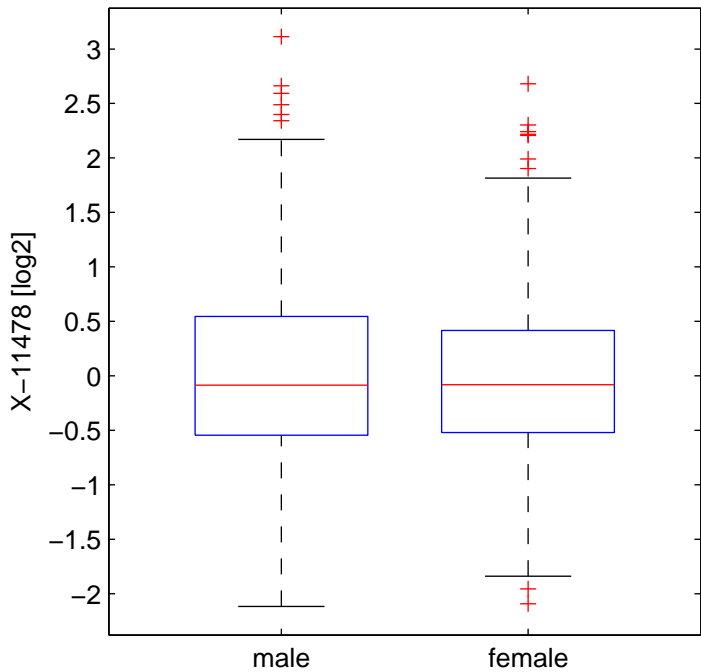
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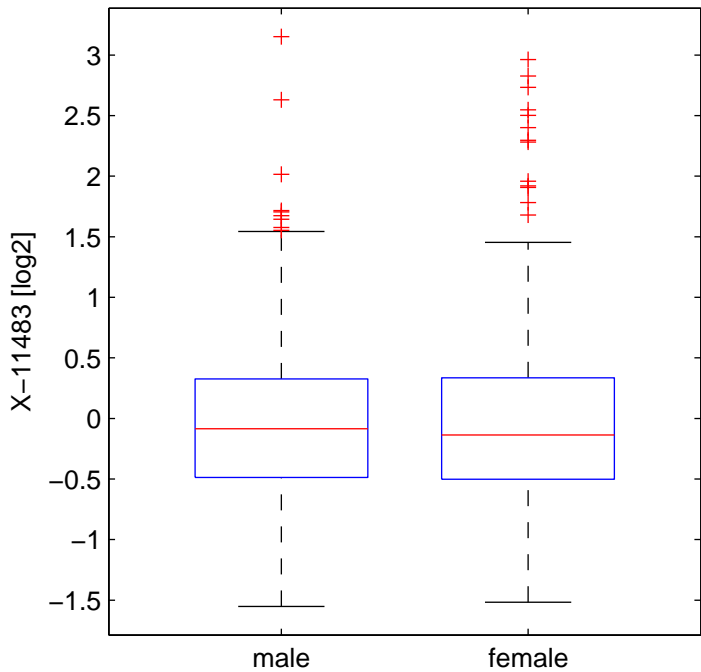
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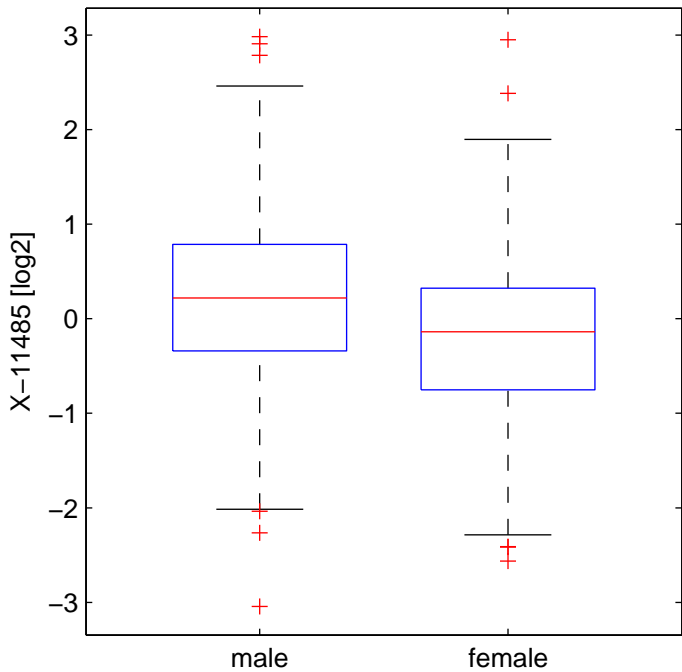
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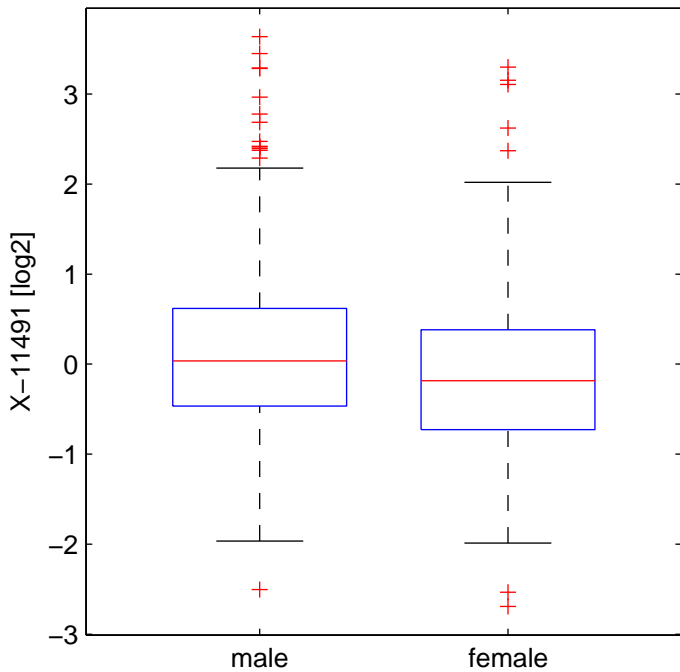
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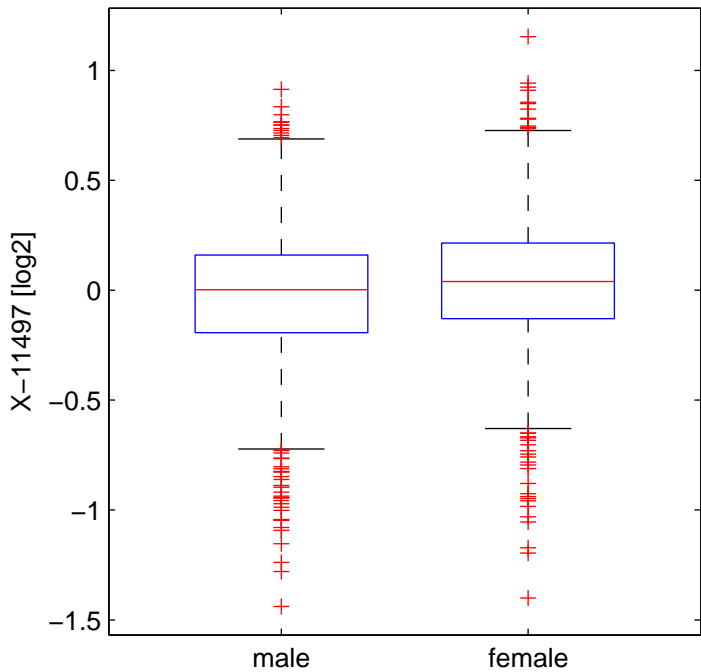
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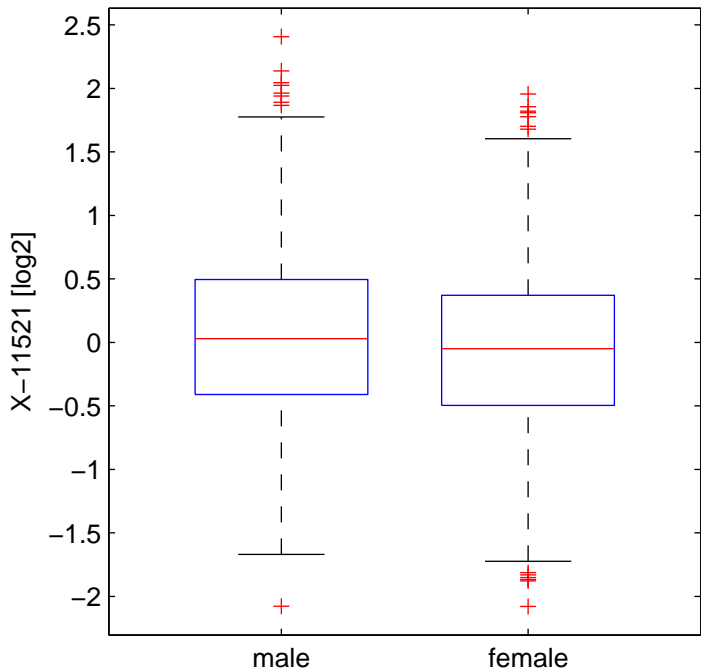
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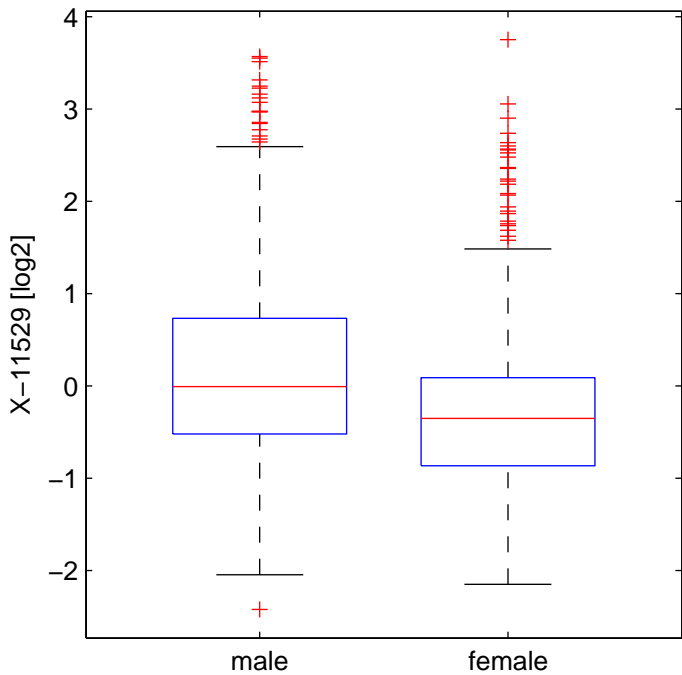
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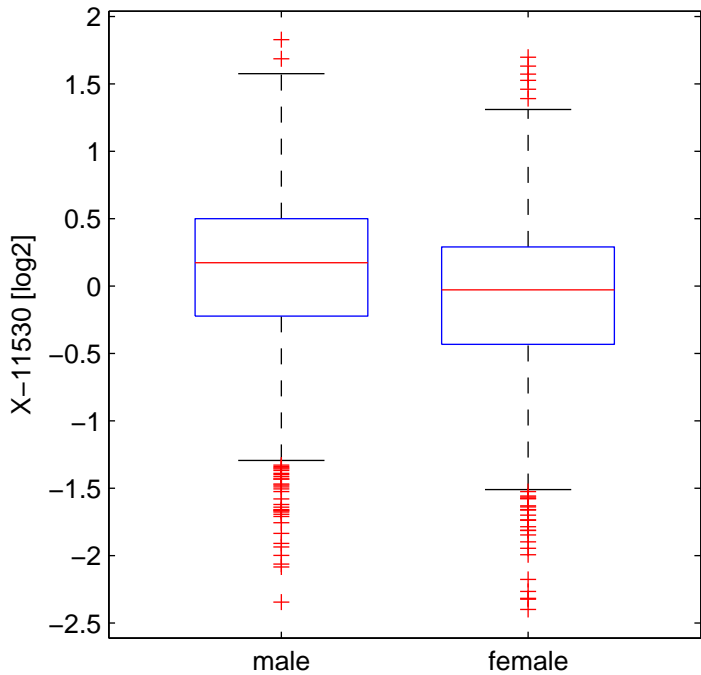
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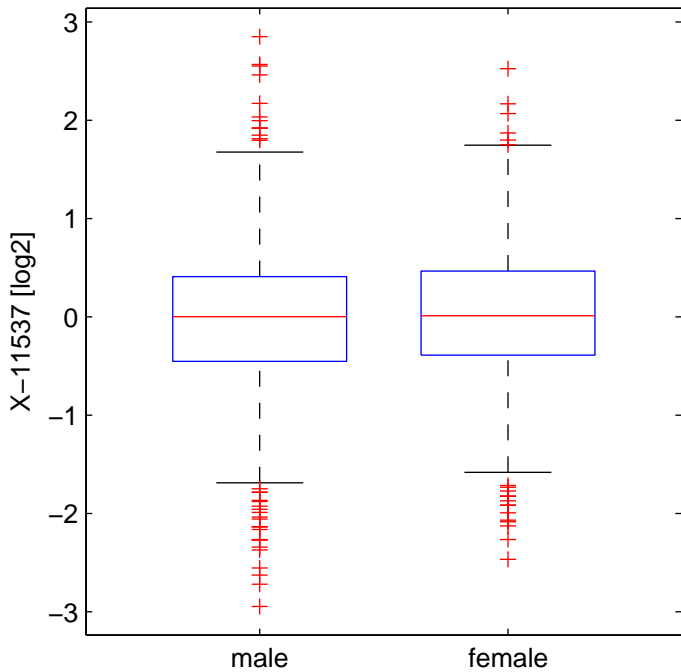
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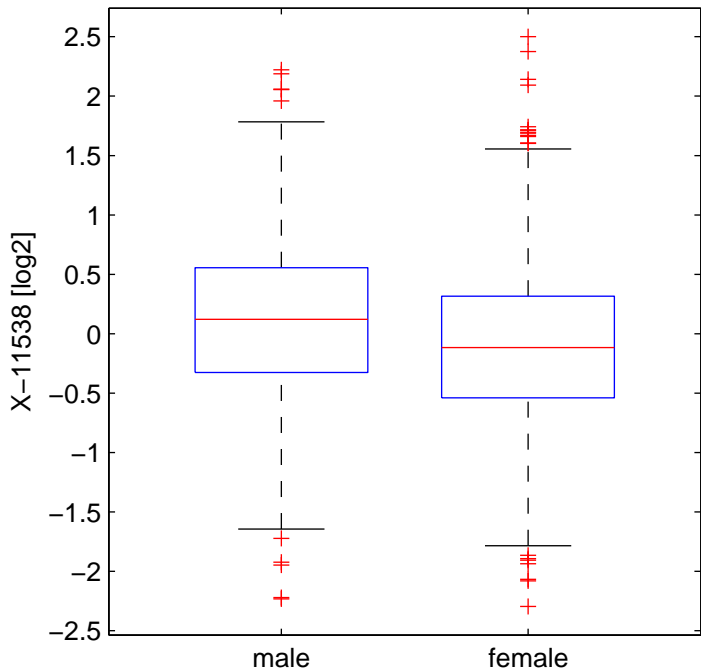
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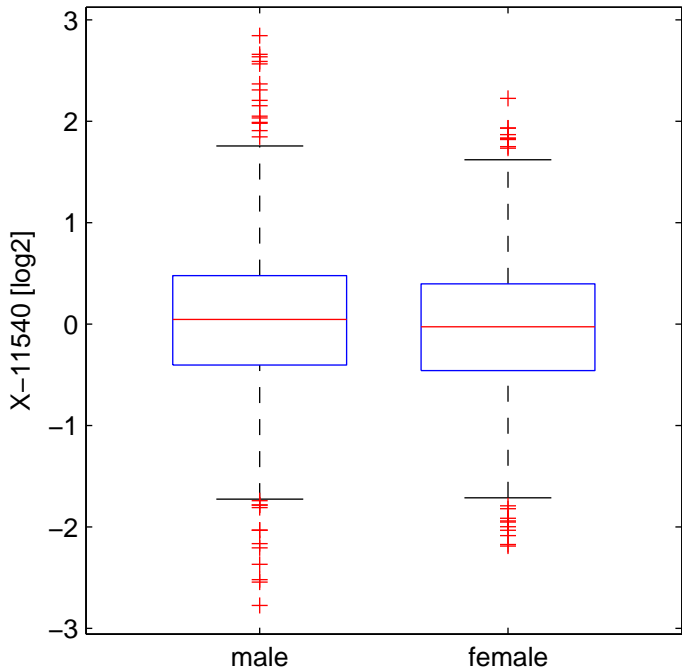
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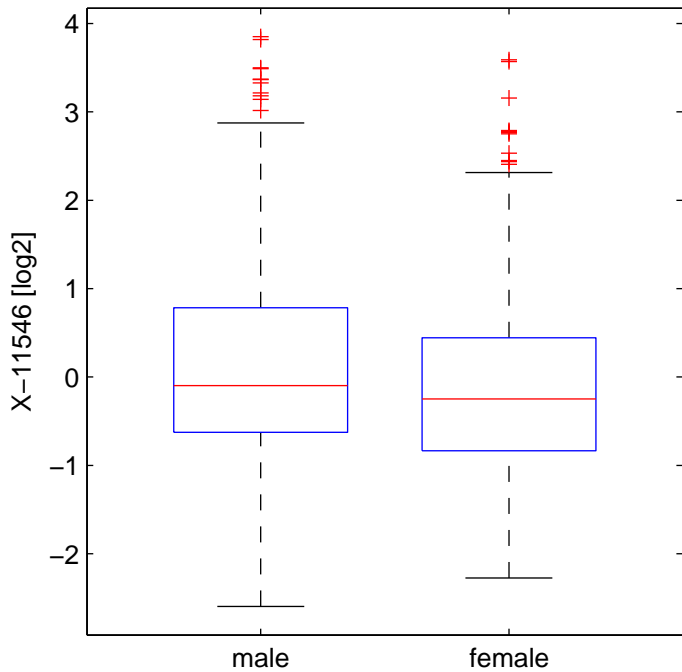
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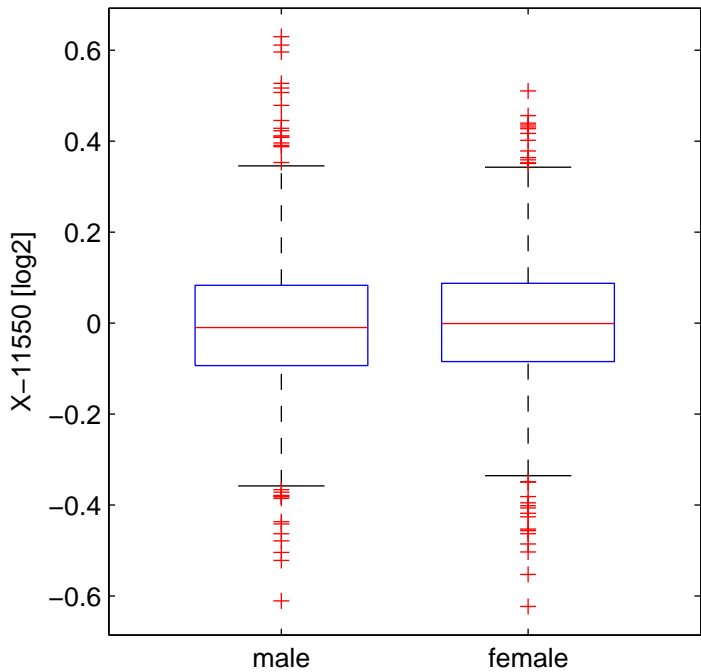
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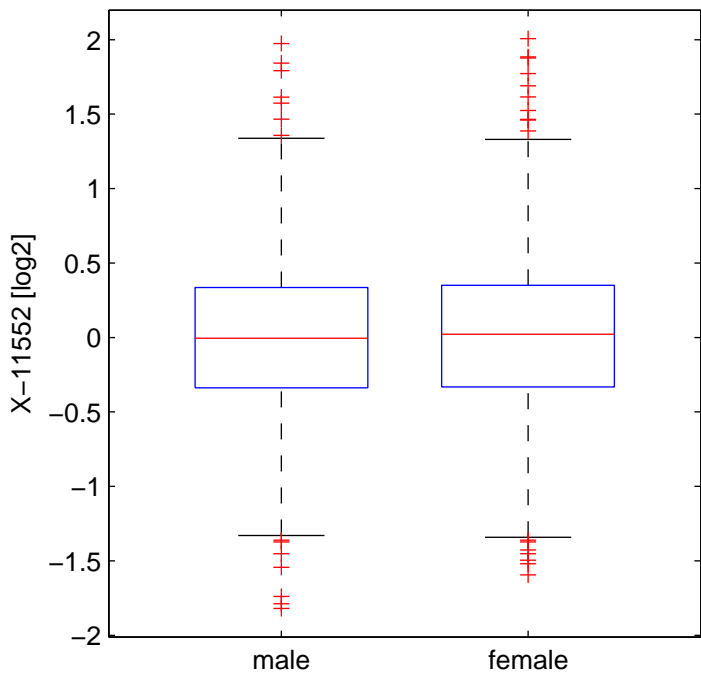
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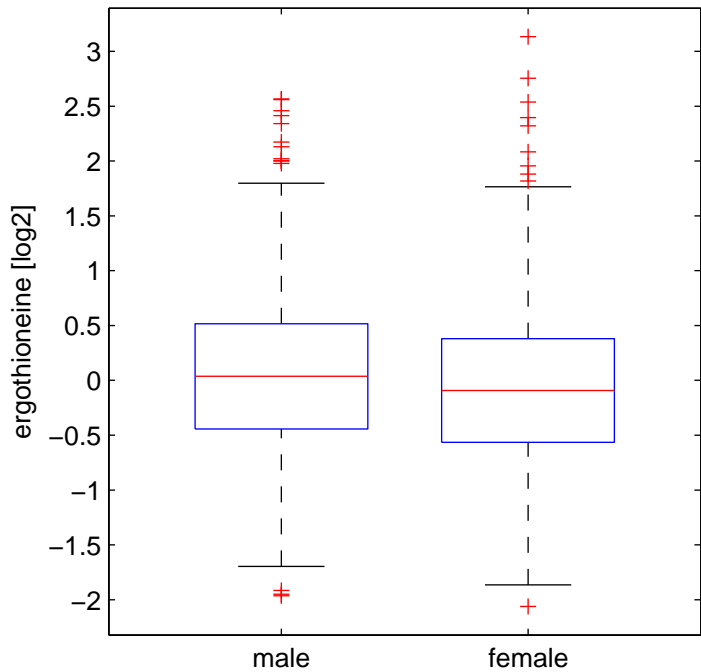
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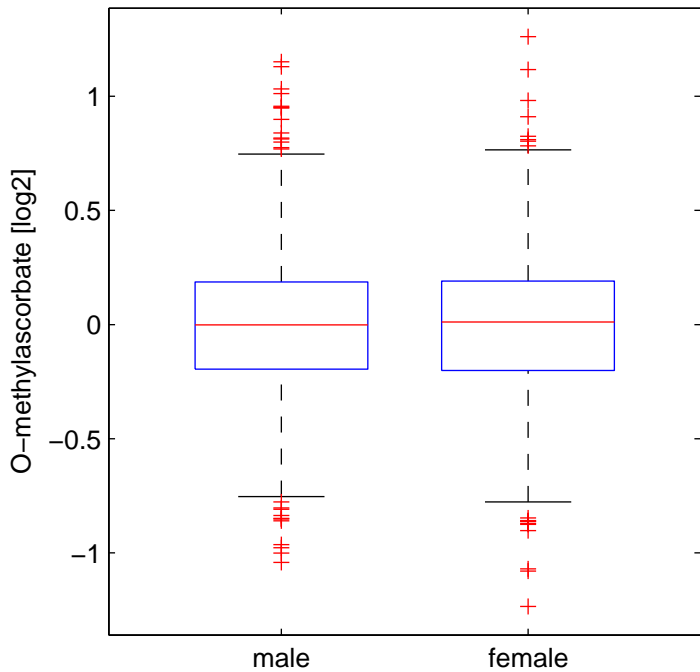
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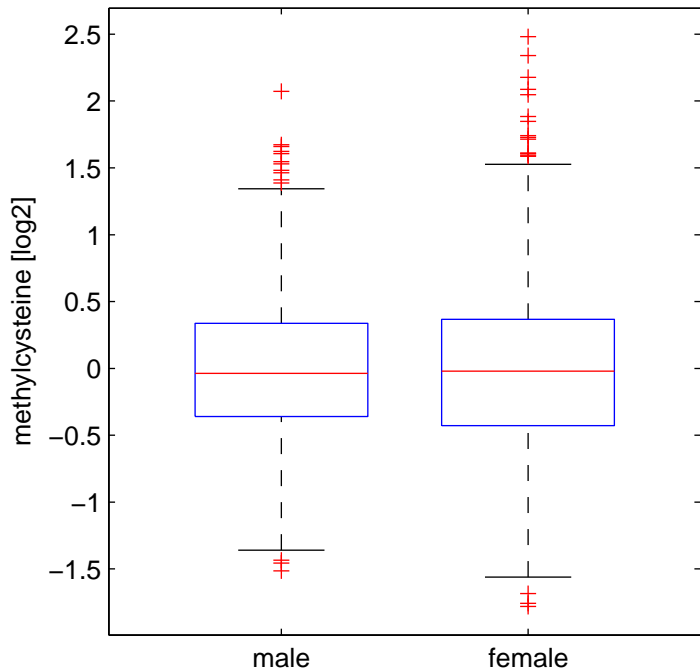
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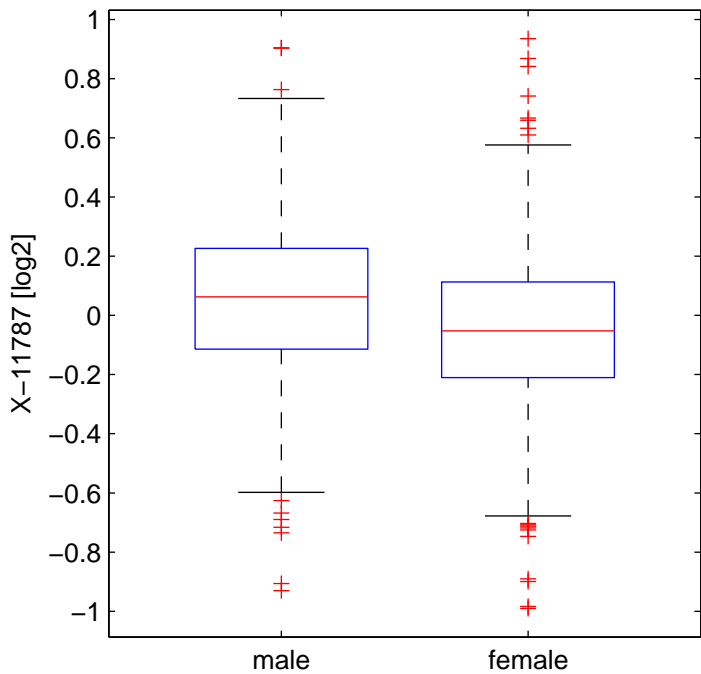
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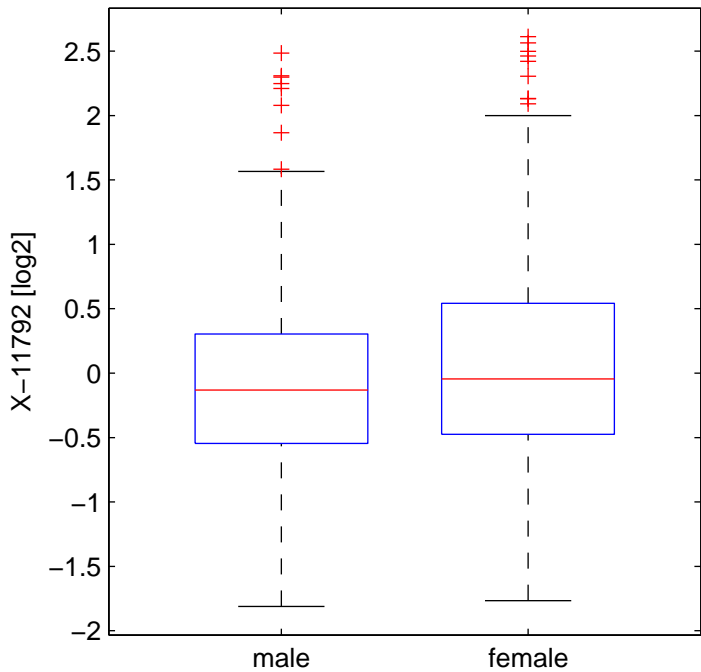
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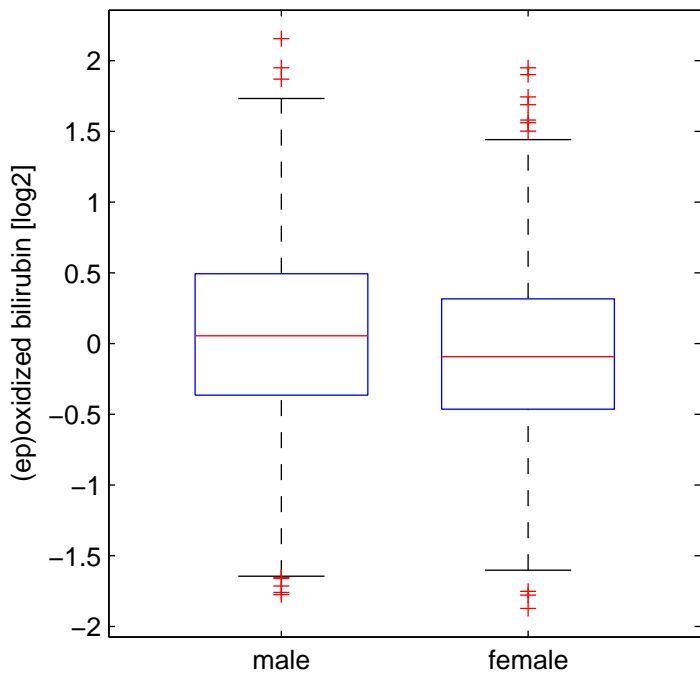
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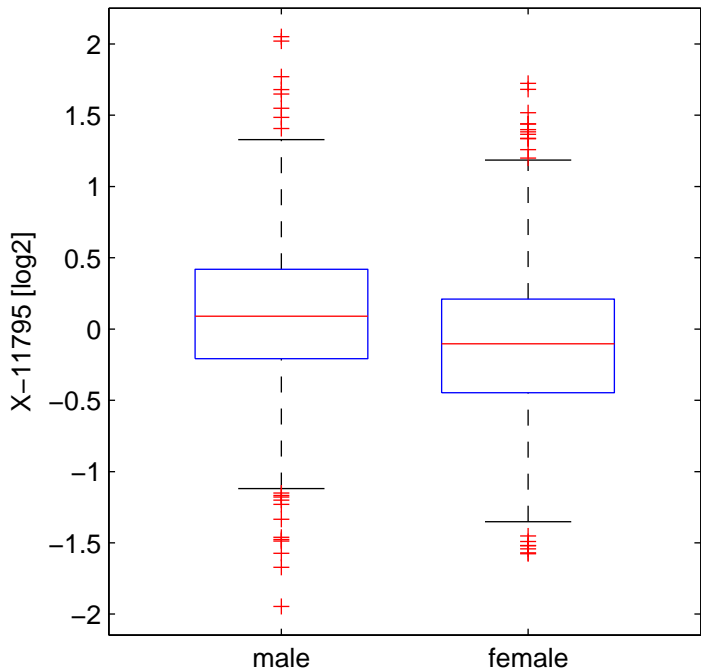
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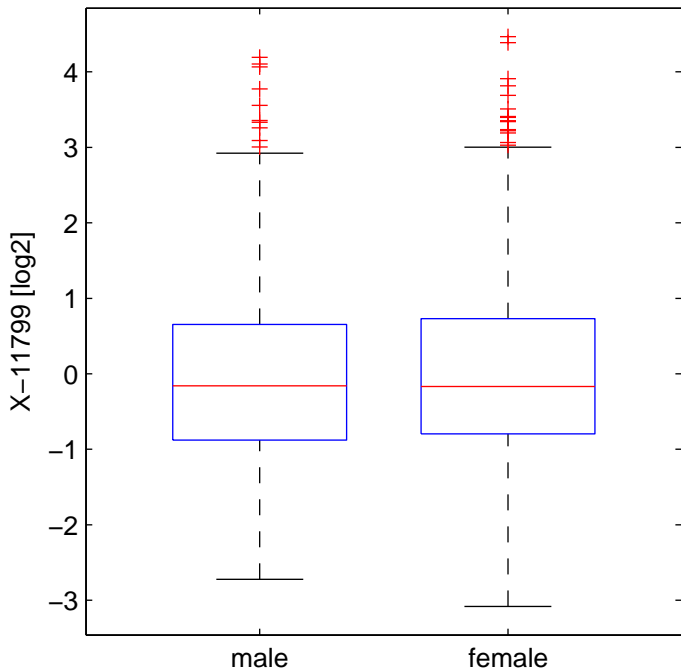
p-val: 2.88e-004



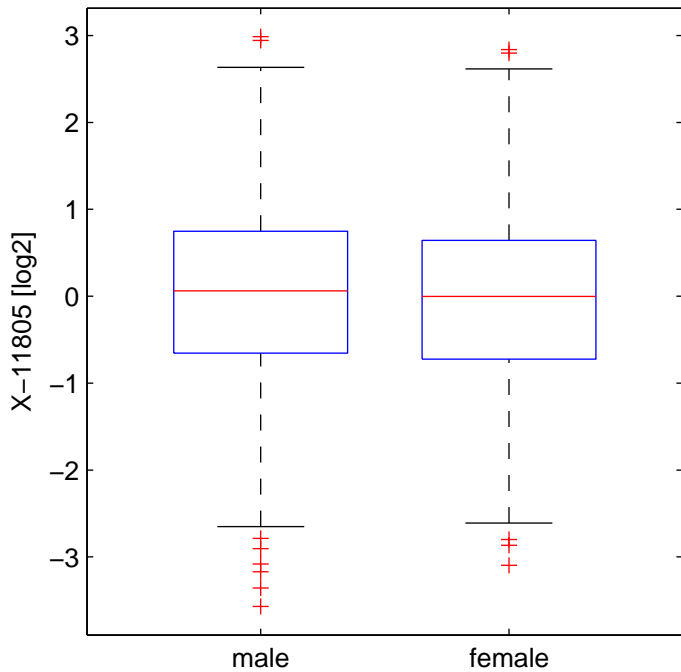
p-val: $7.95e-018$



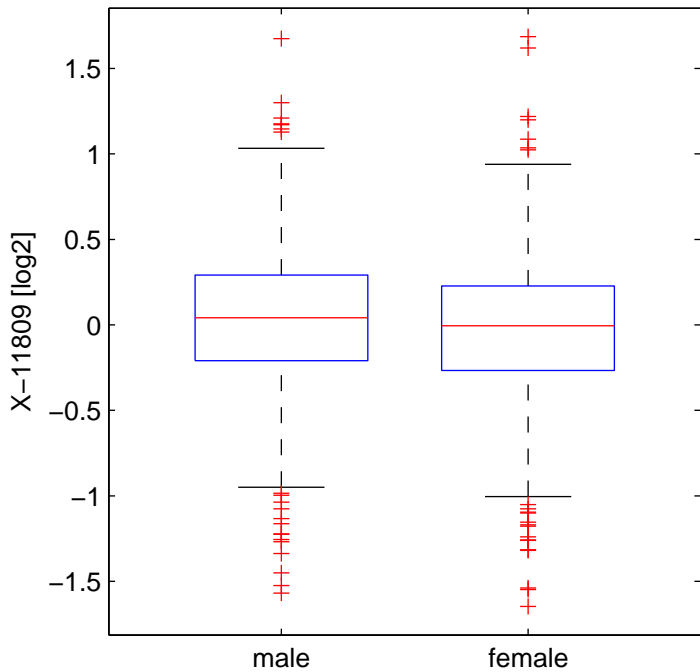
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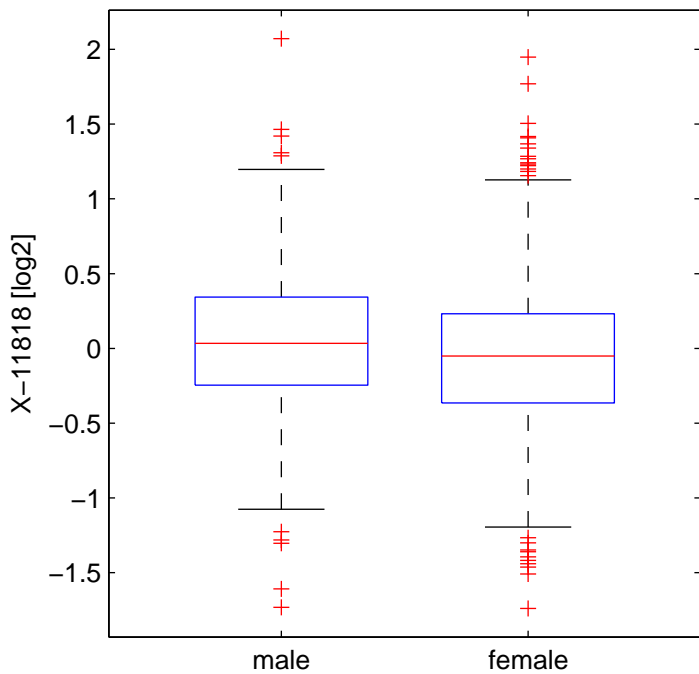
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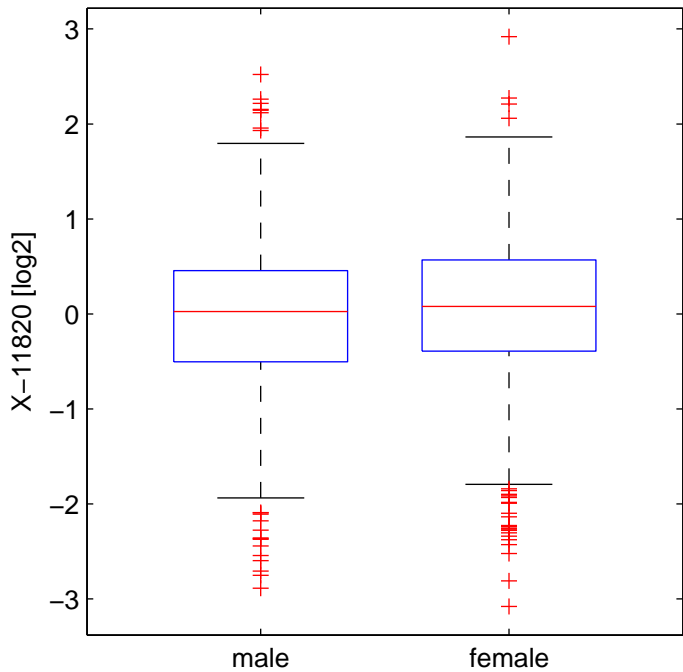
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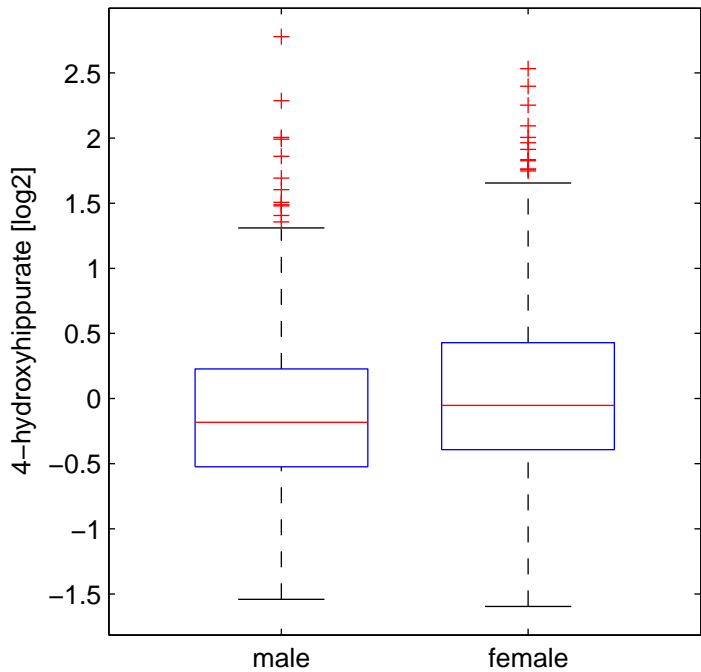
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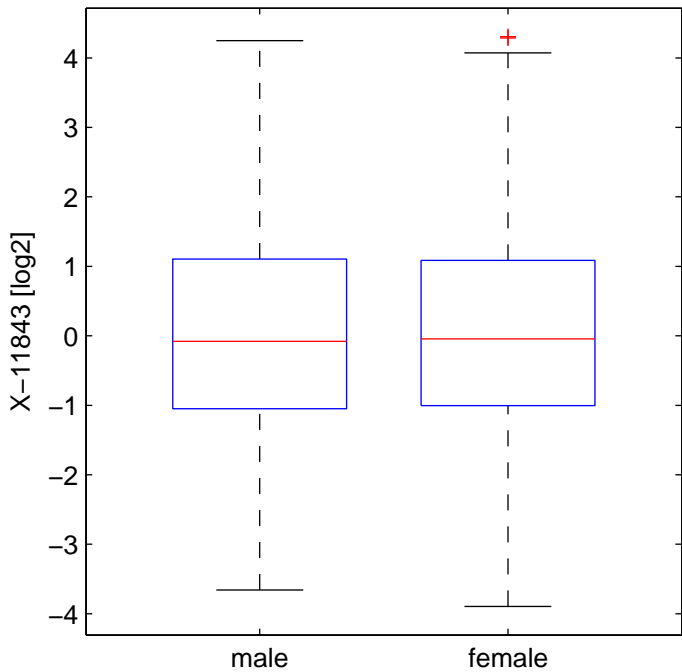
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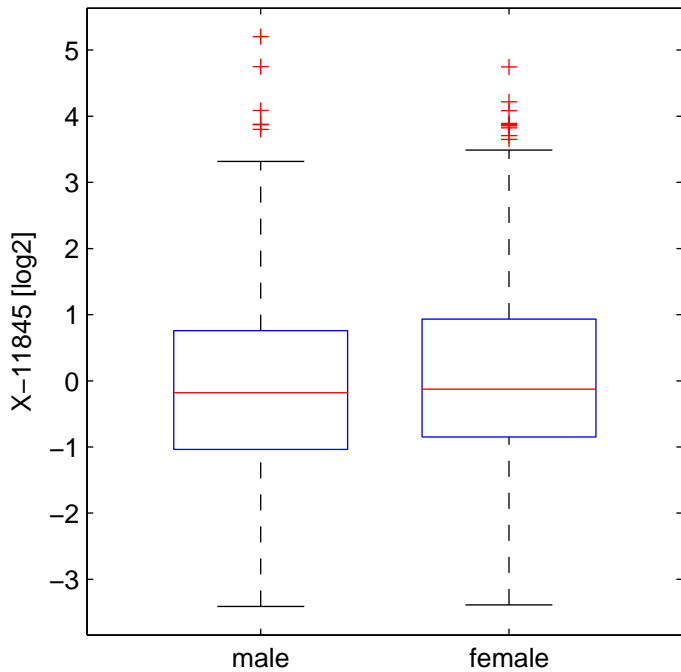
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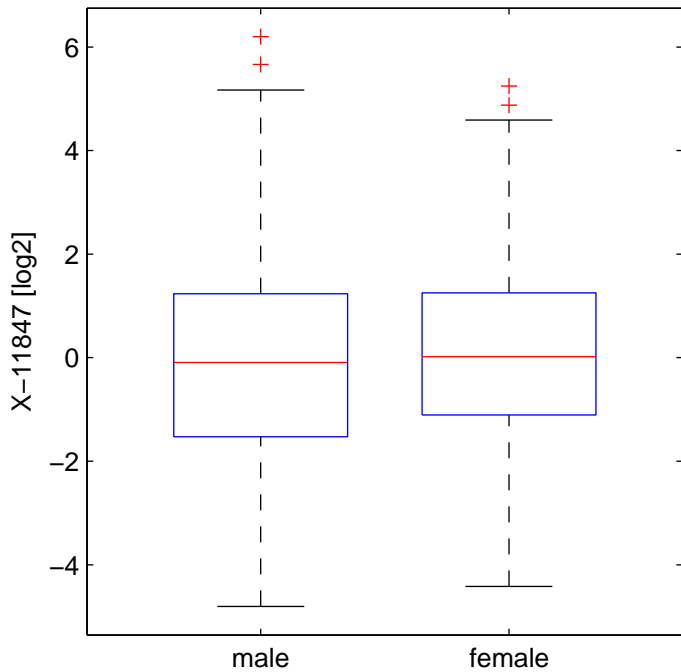
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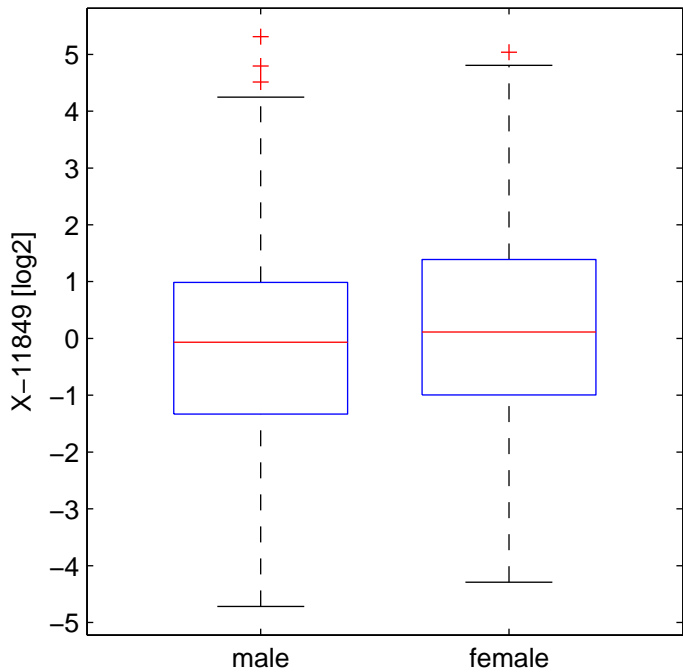
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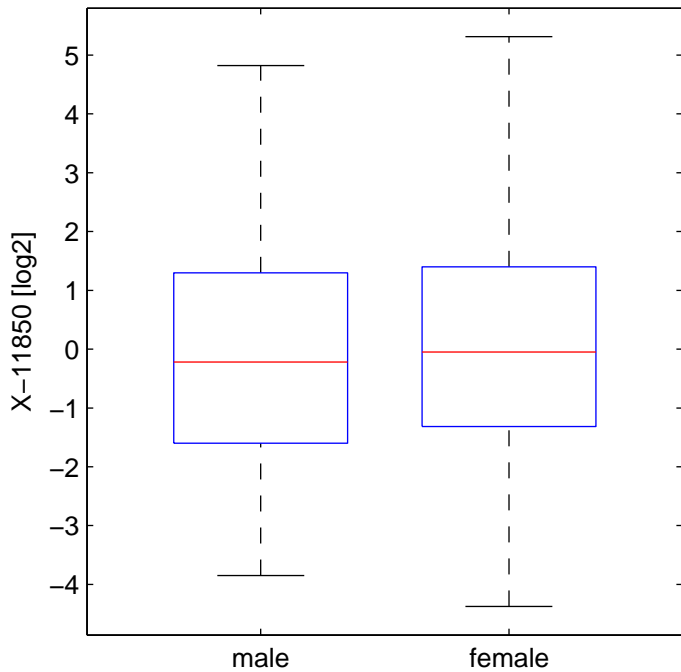
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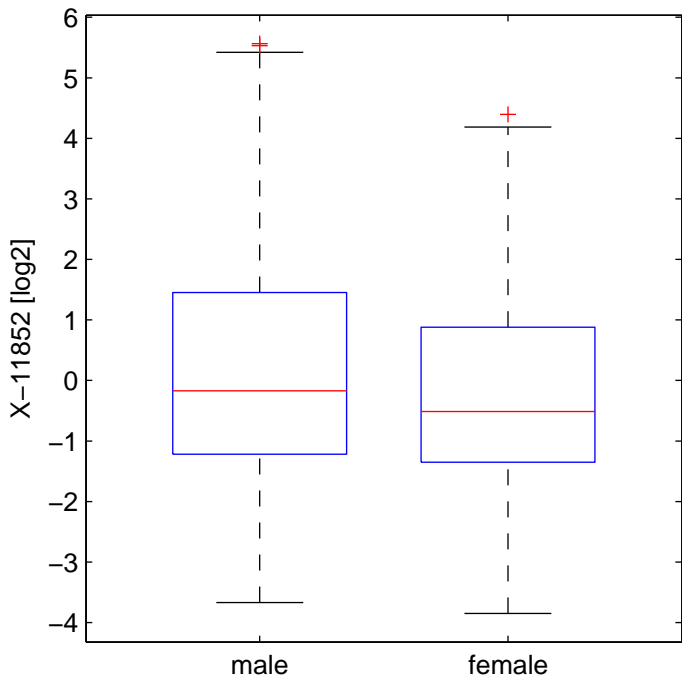
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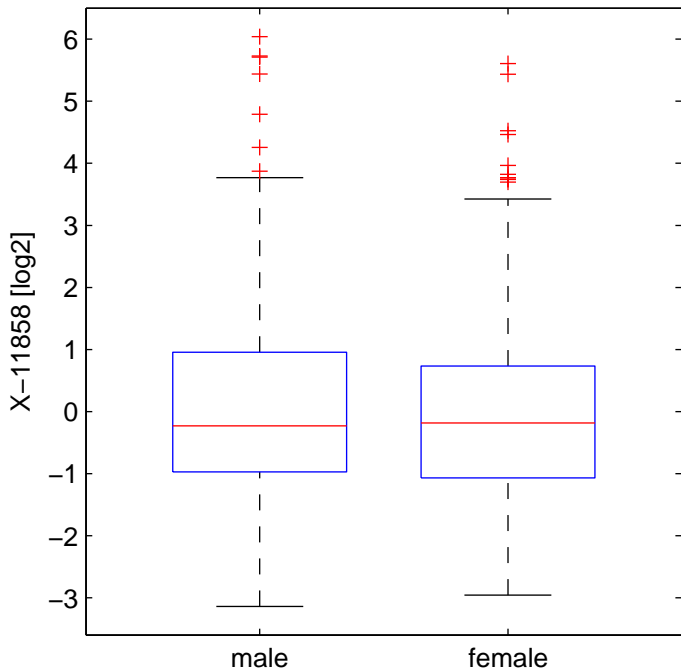
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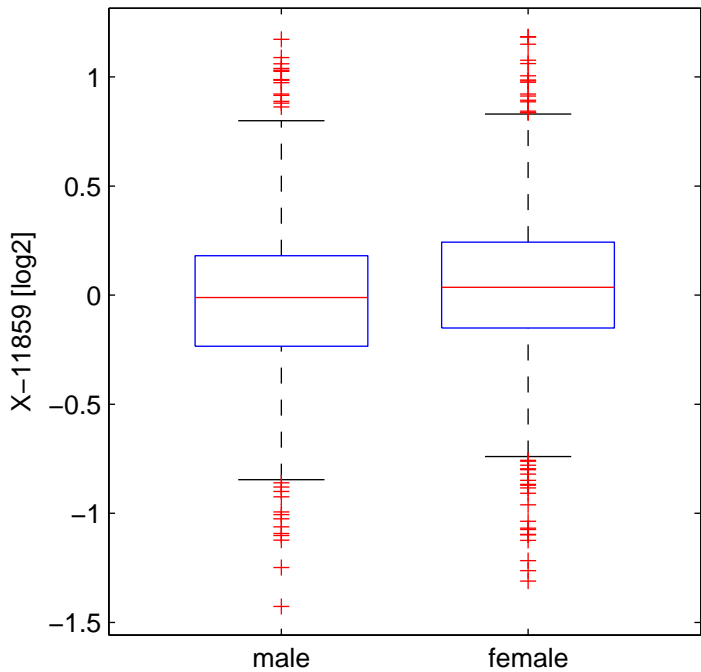
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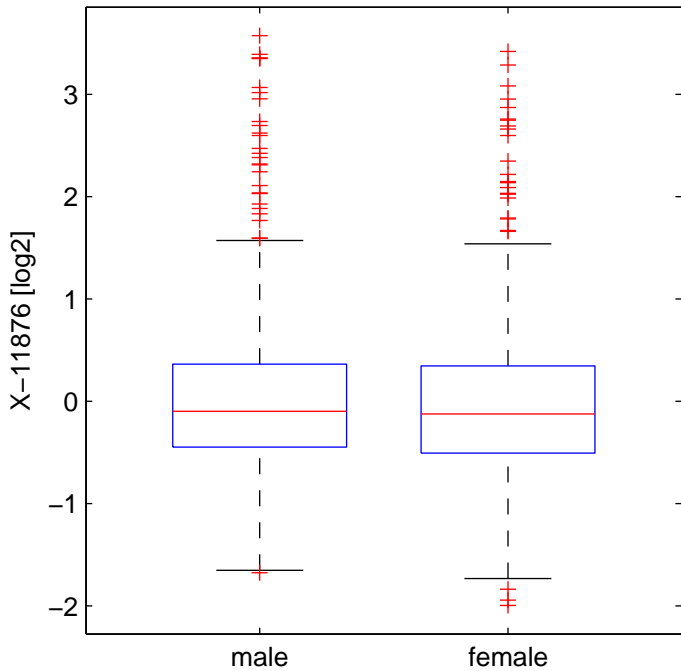
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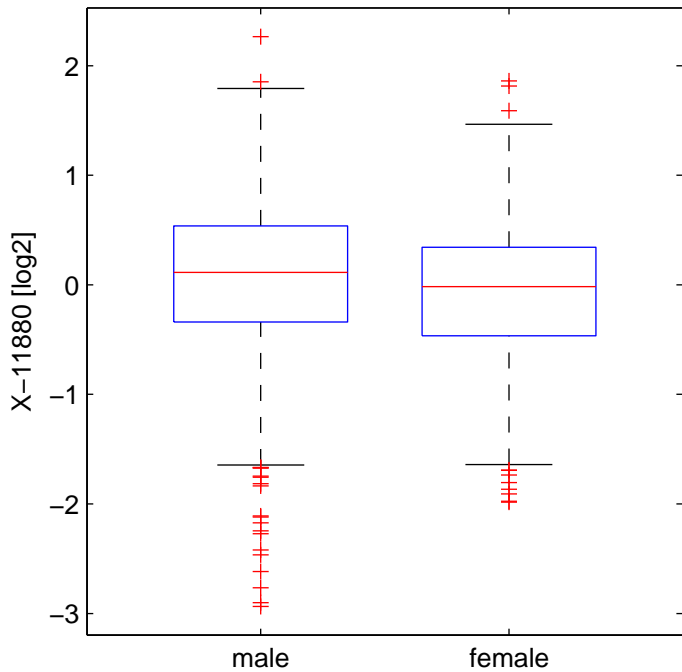
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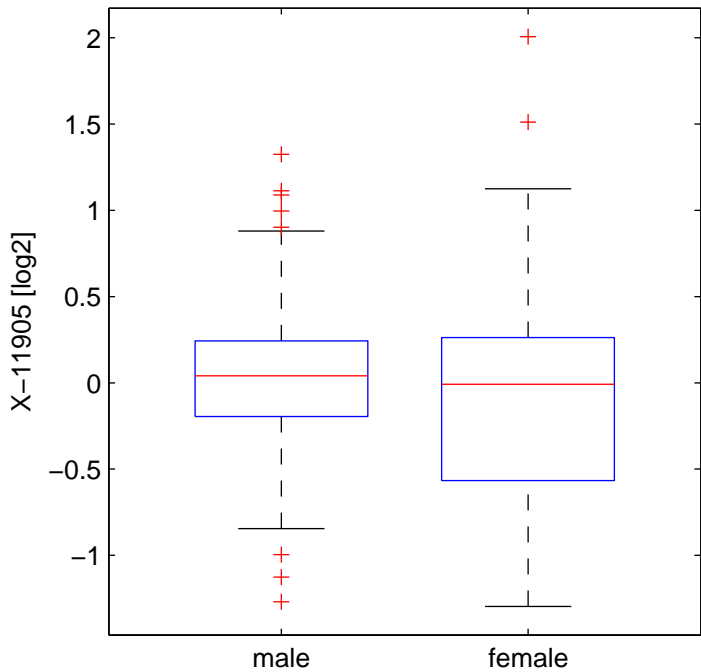
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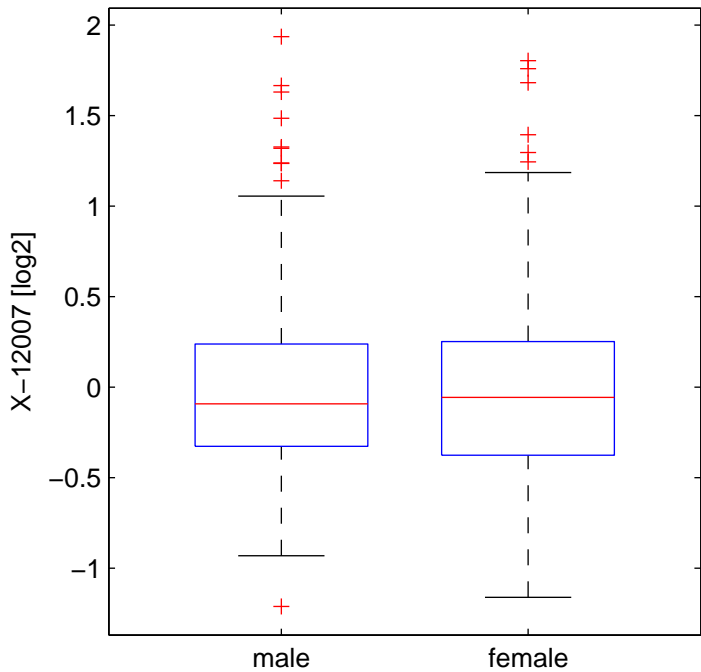
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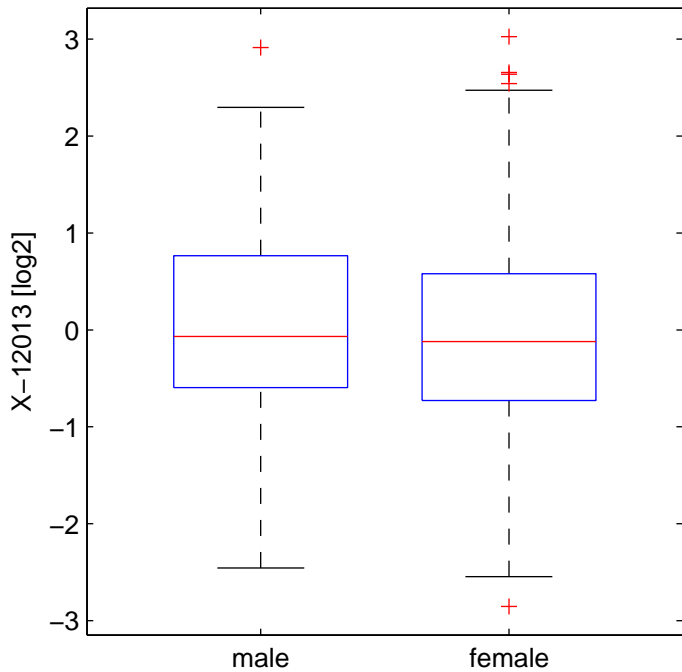
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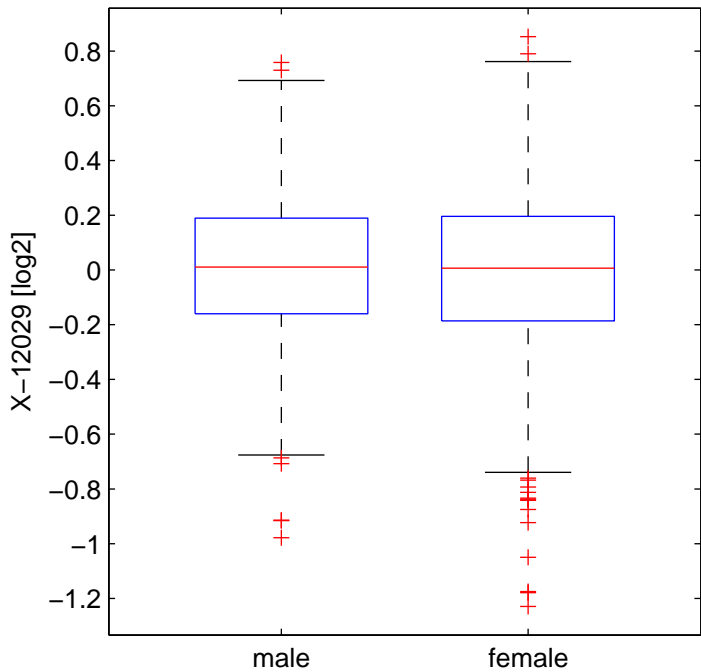
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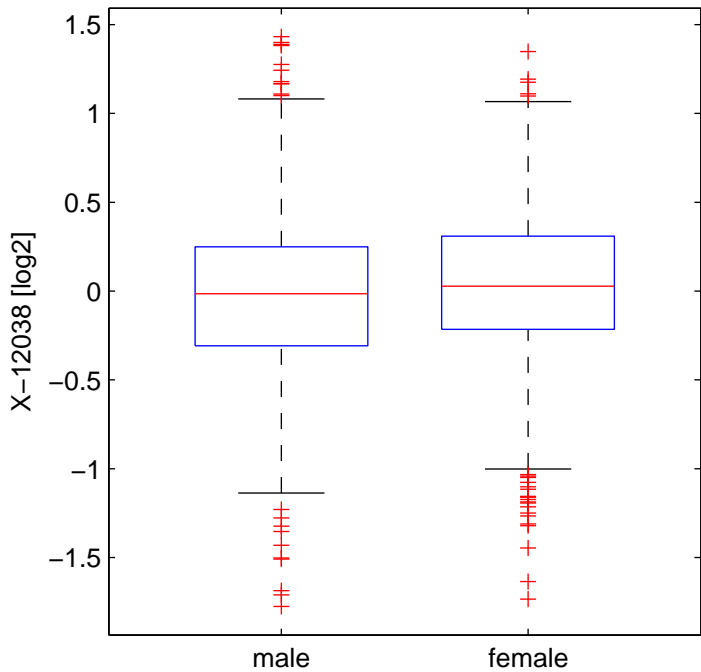
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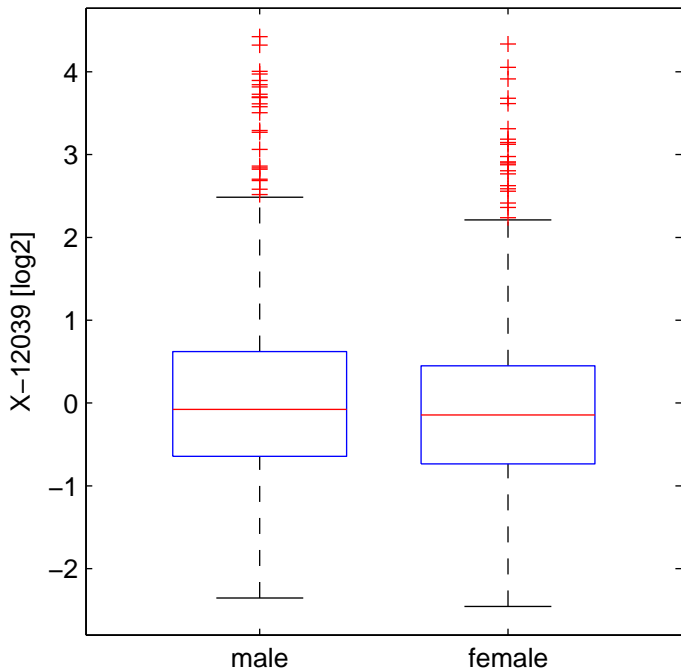
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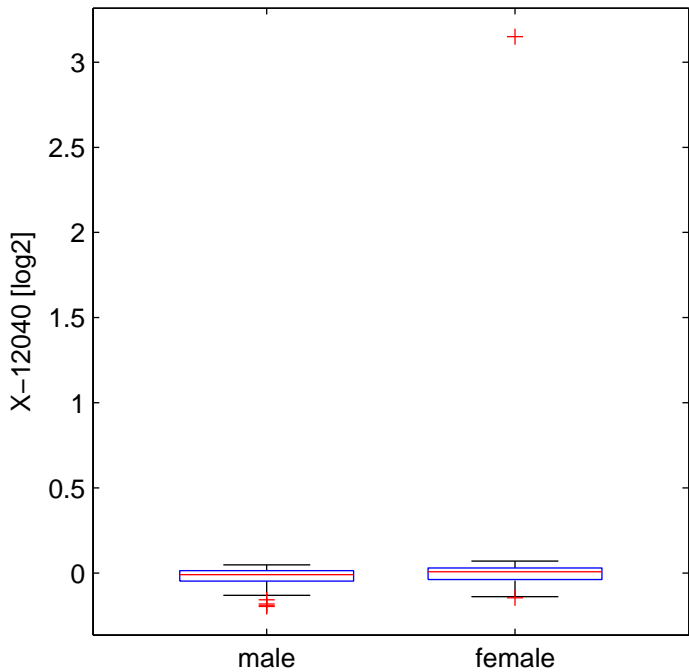
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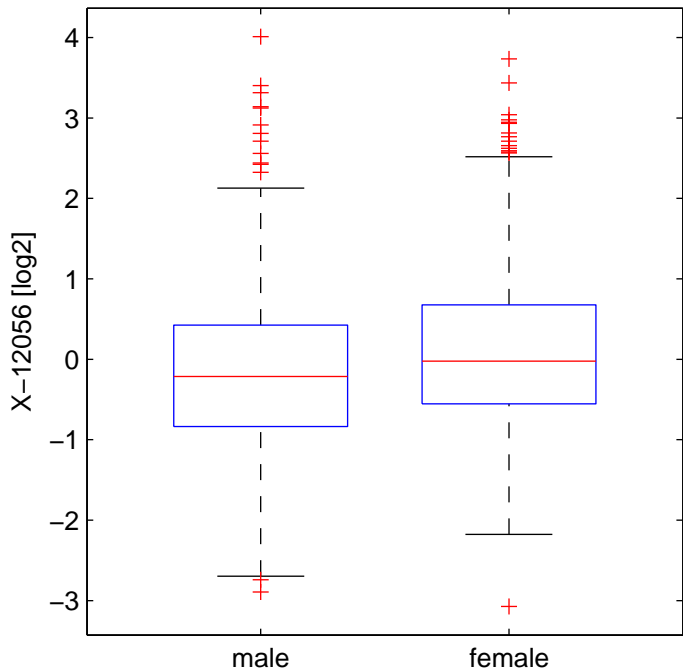
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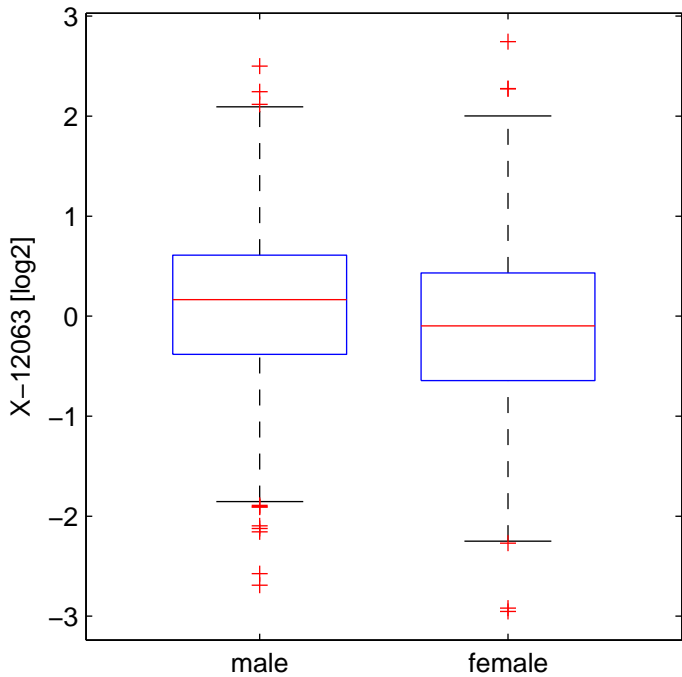
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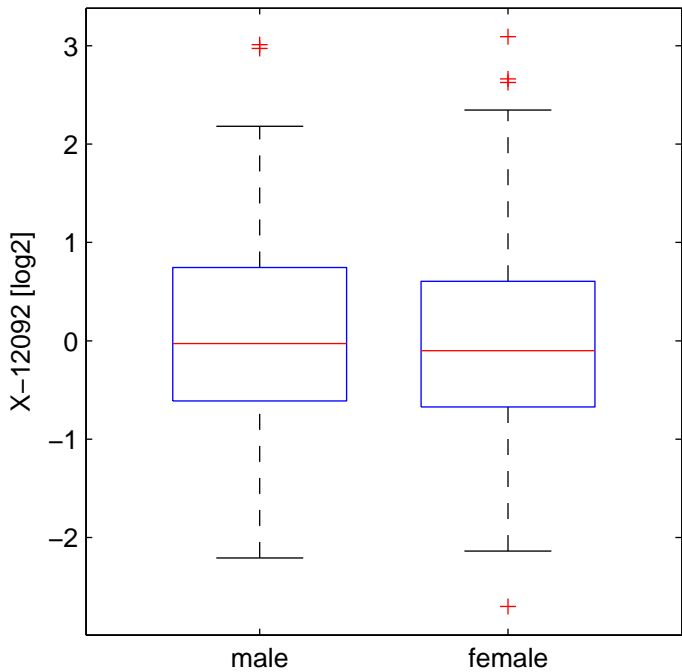
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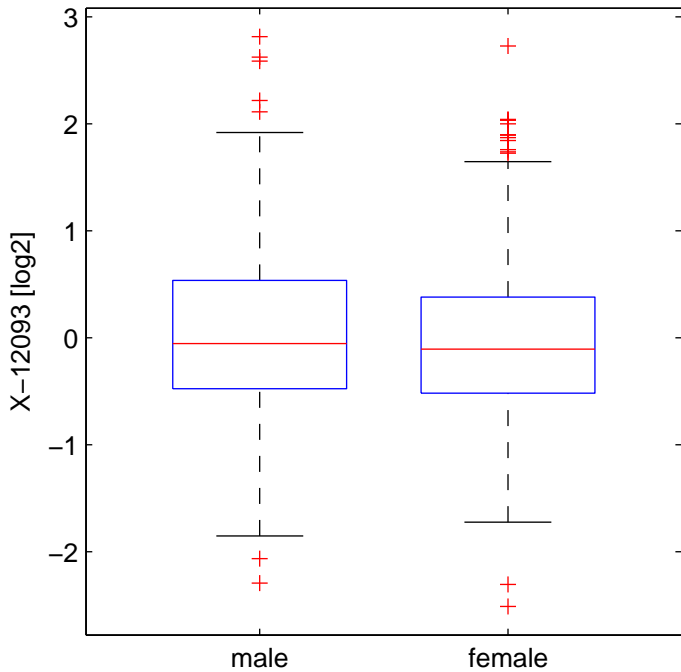
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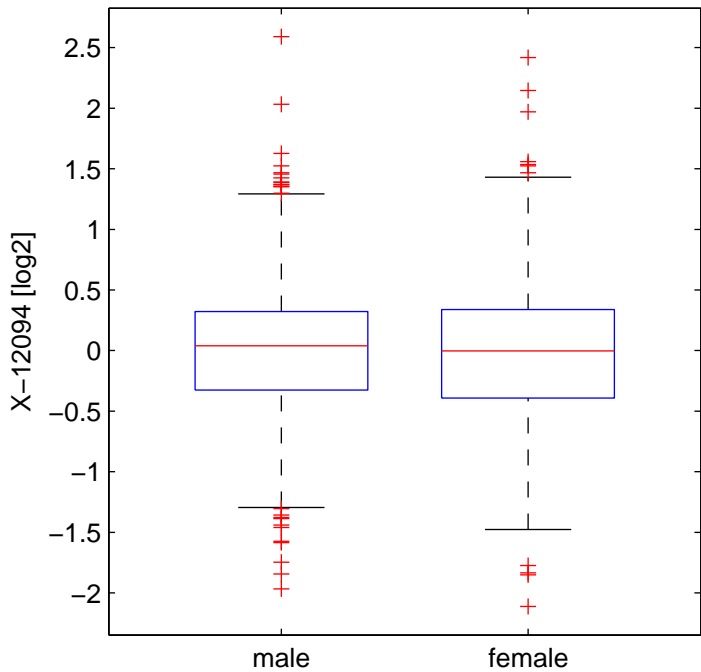
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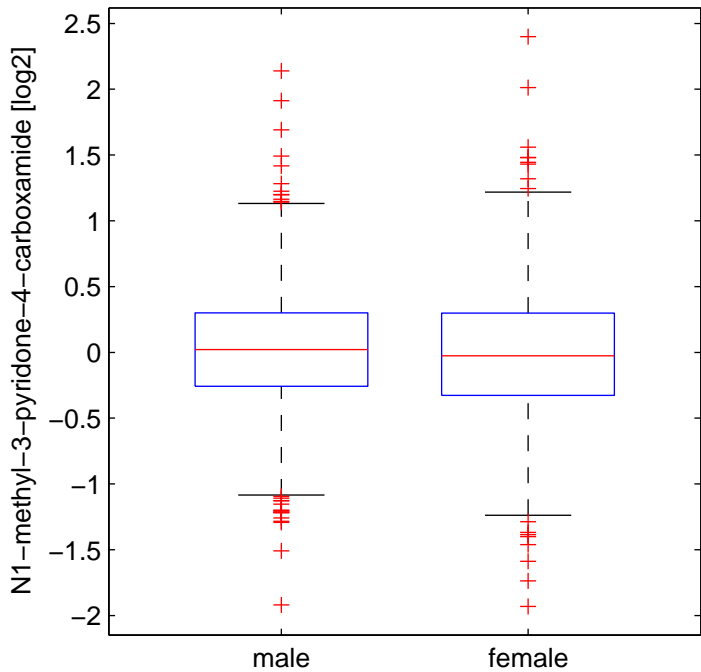
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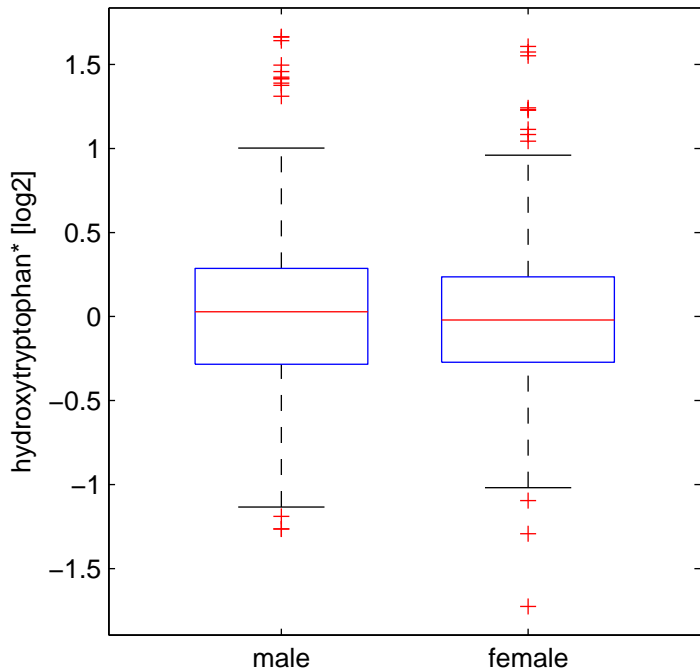
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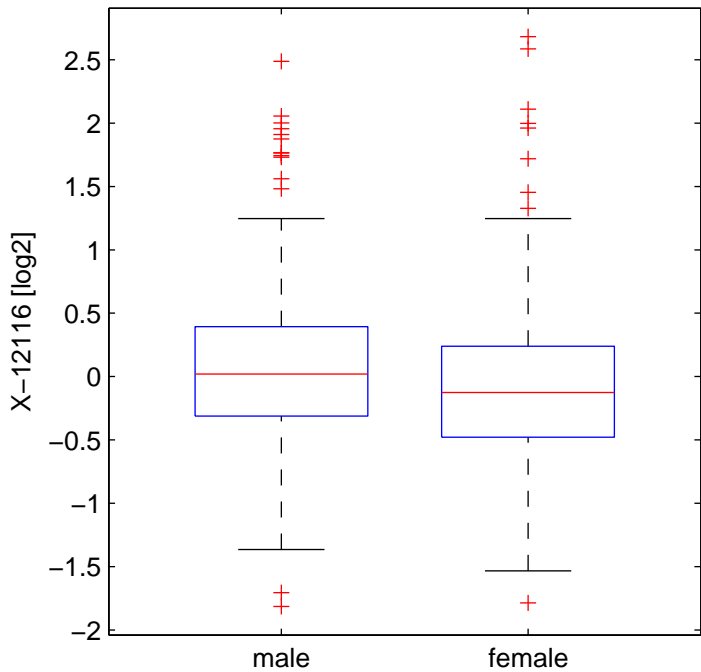
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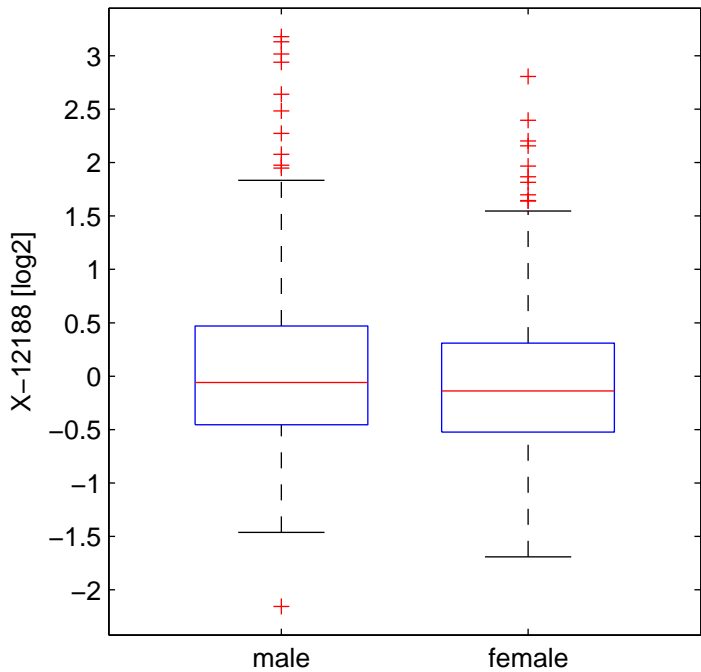
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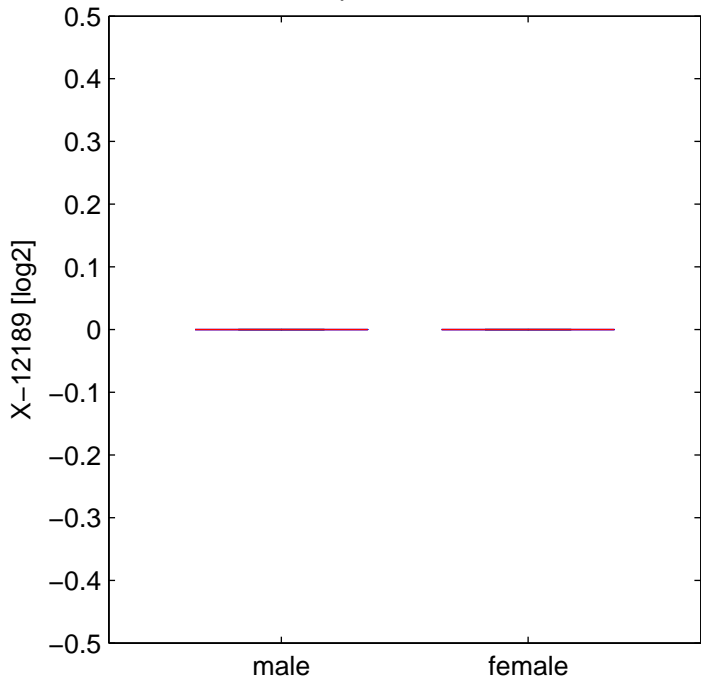
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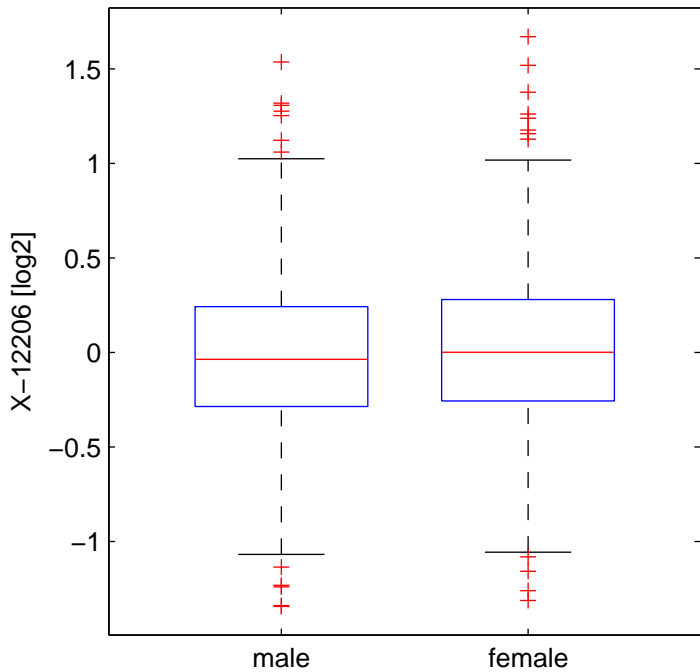
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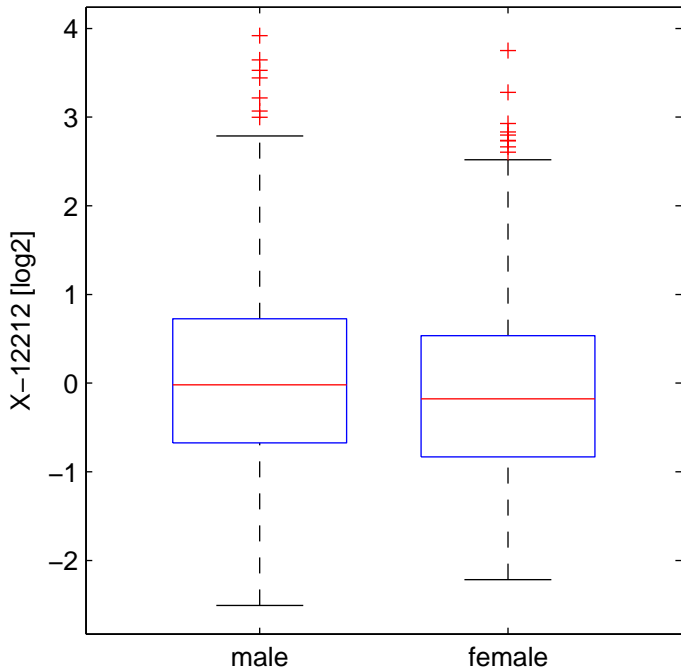
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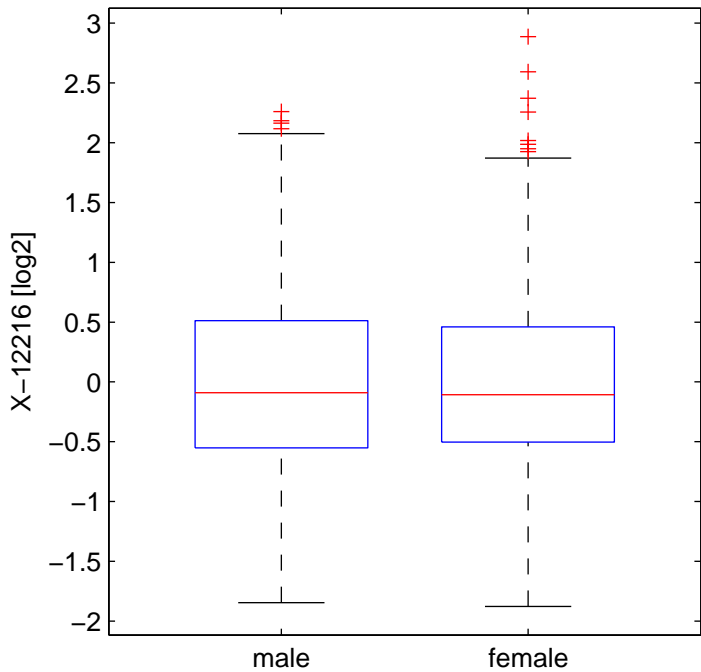
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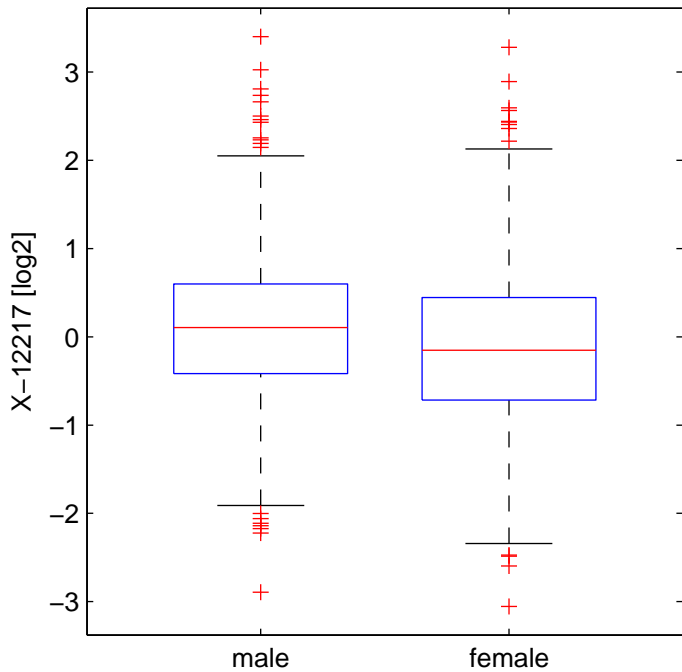
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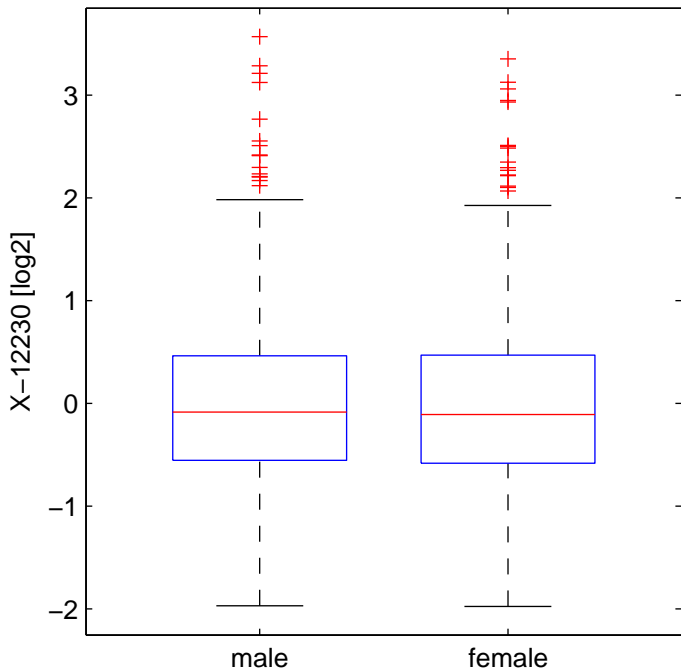
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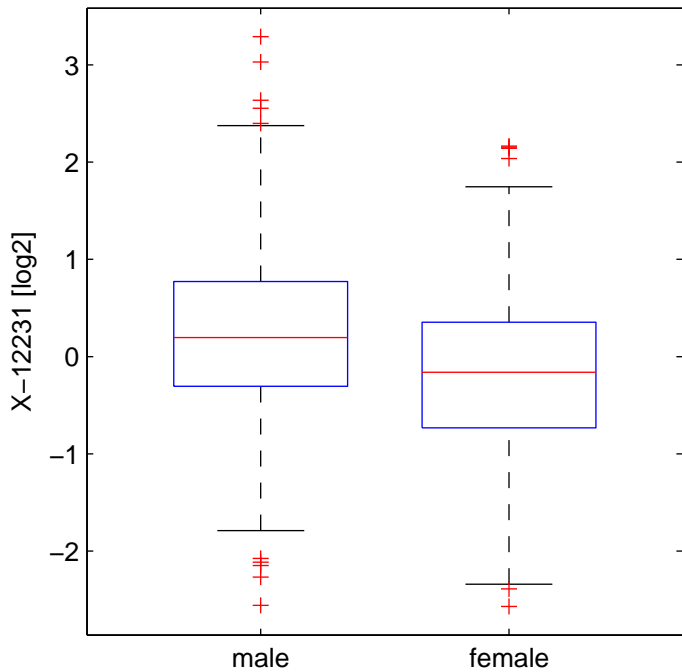
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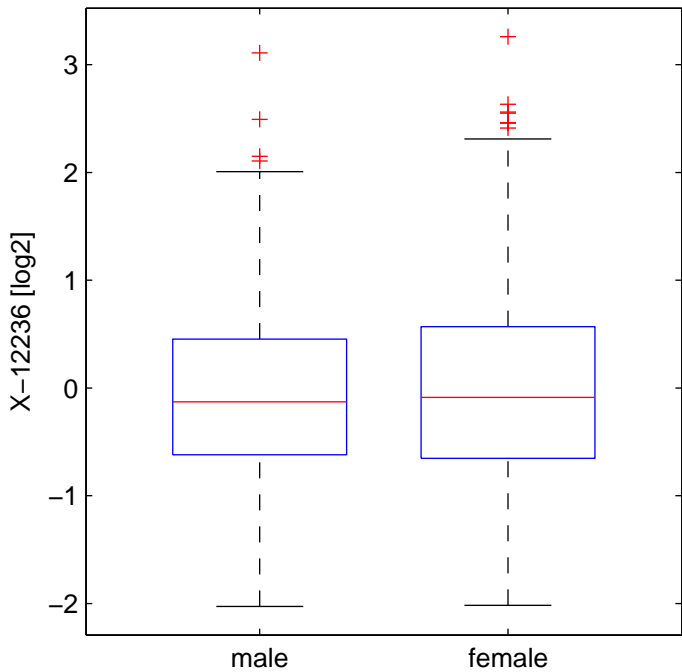
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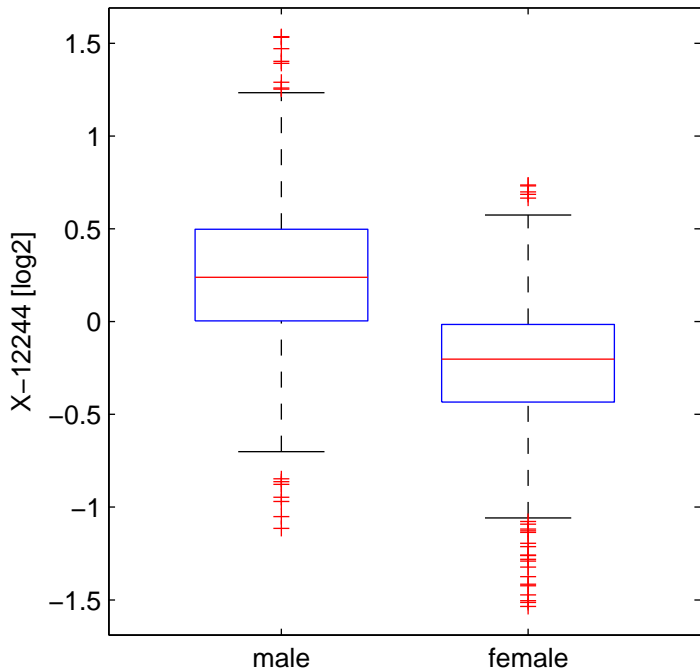
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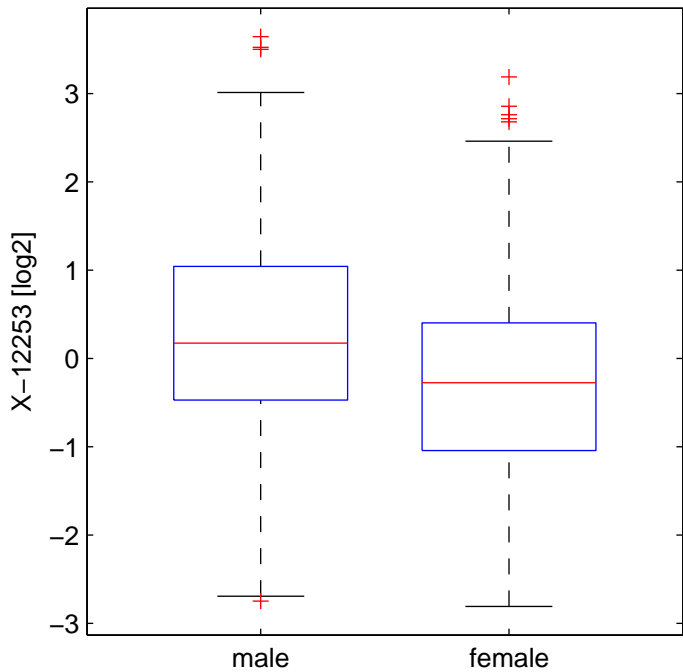
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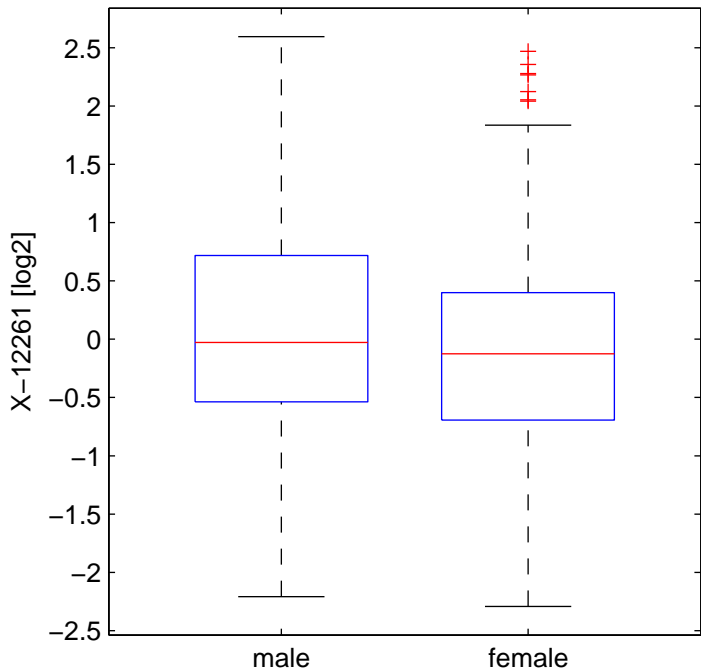
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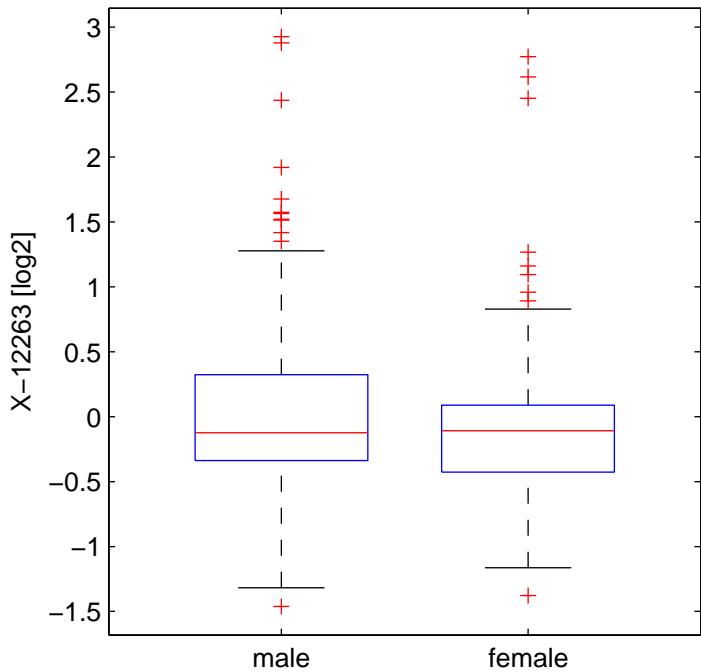
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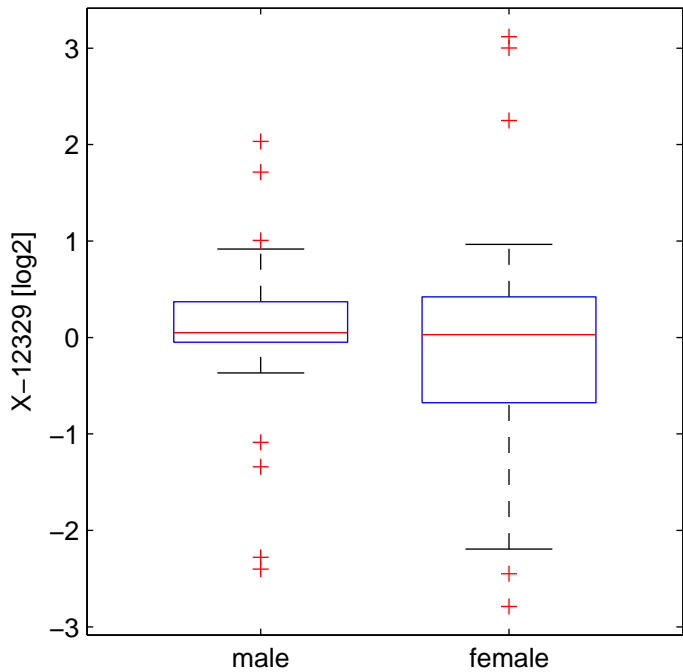
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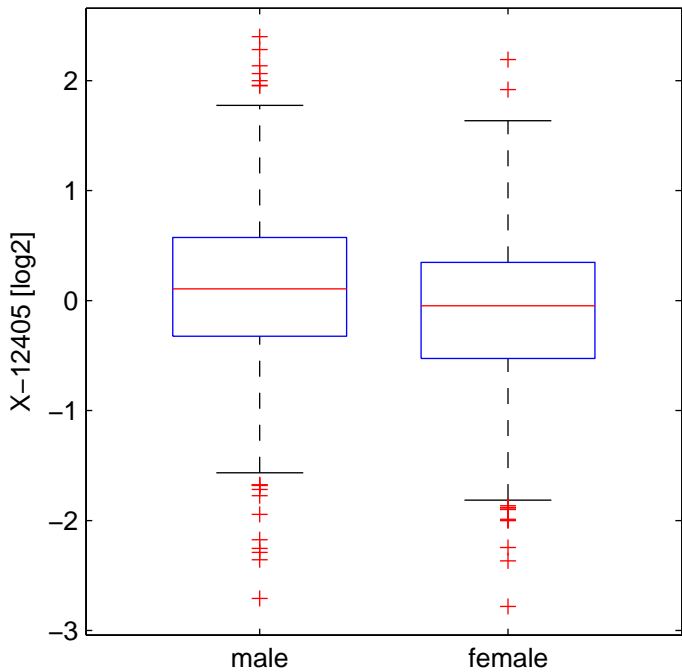
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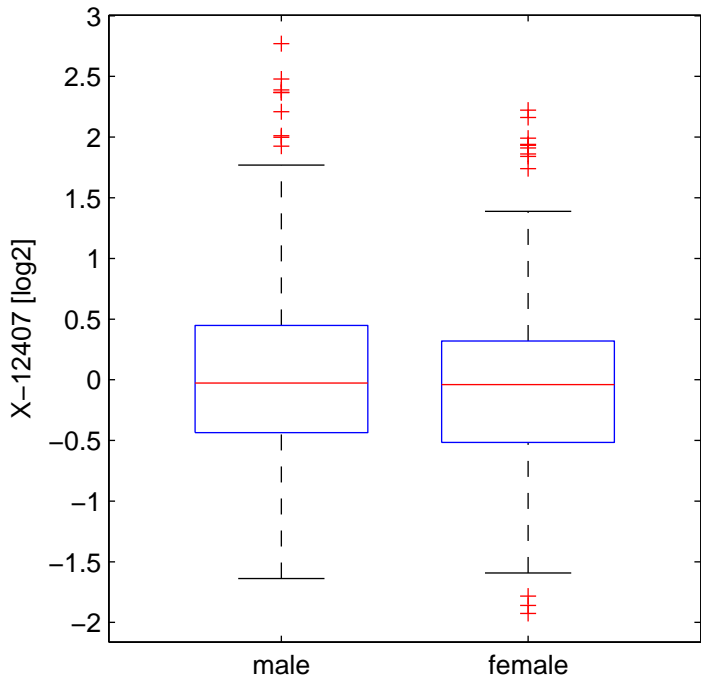
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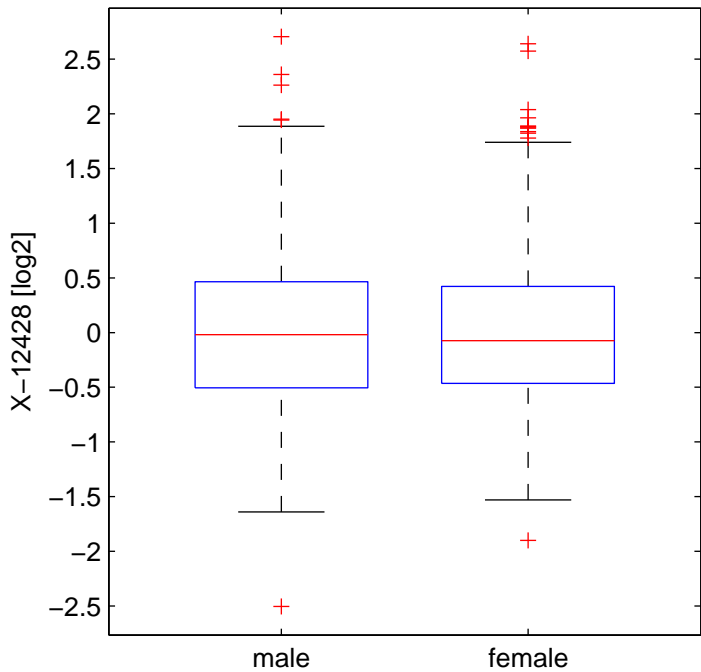
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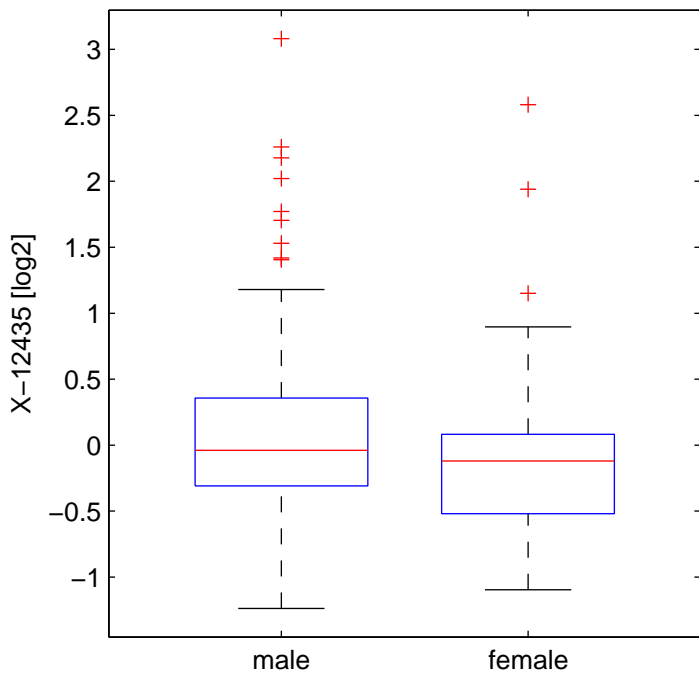
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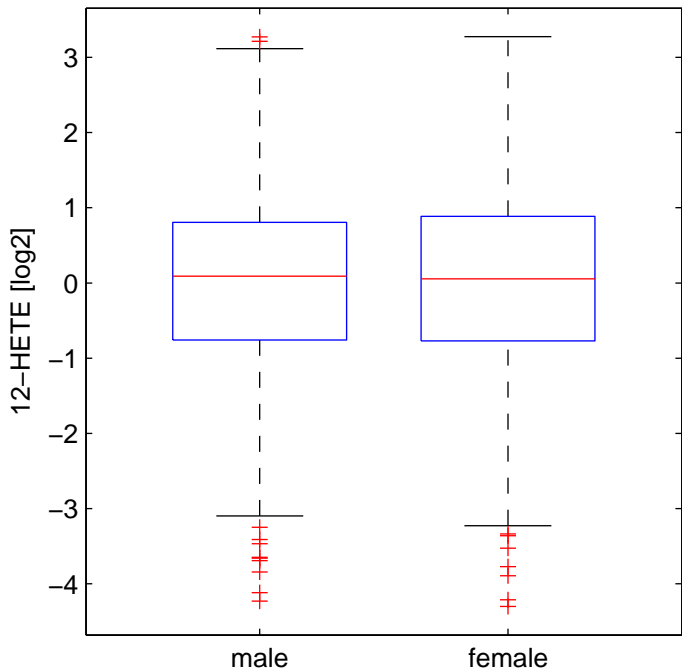
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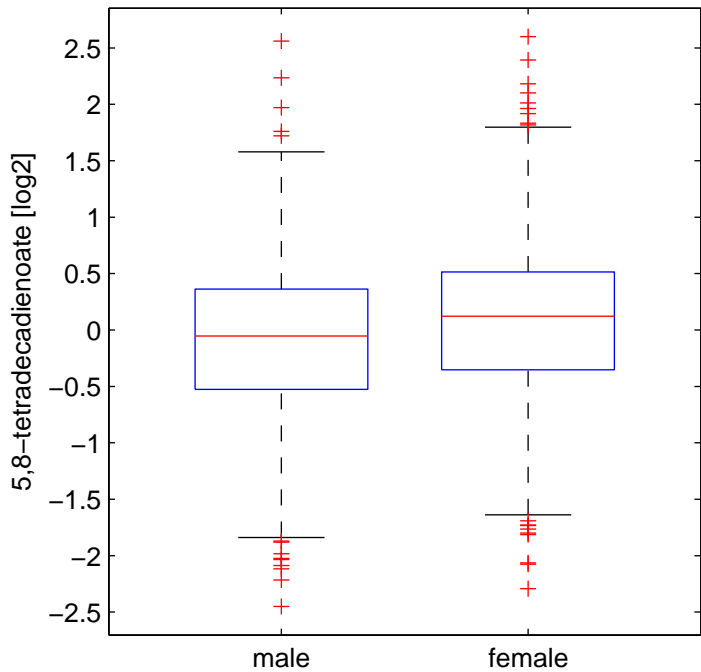
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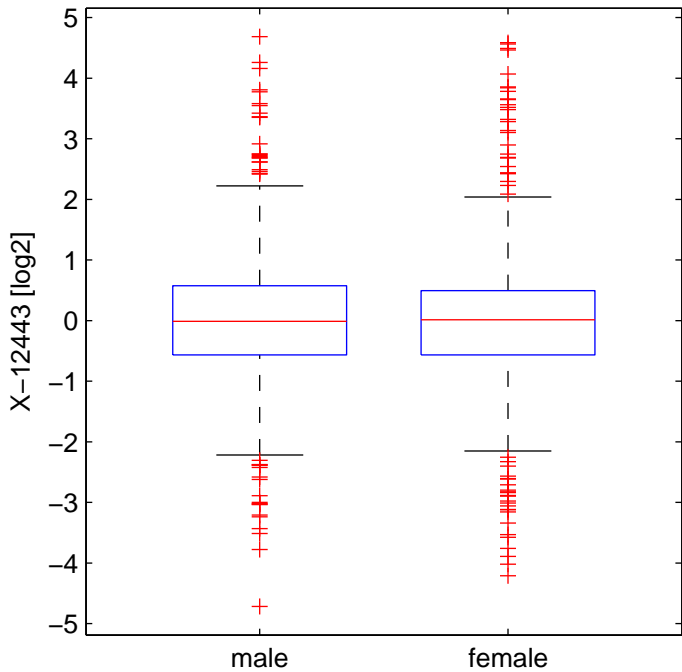
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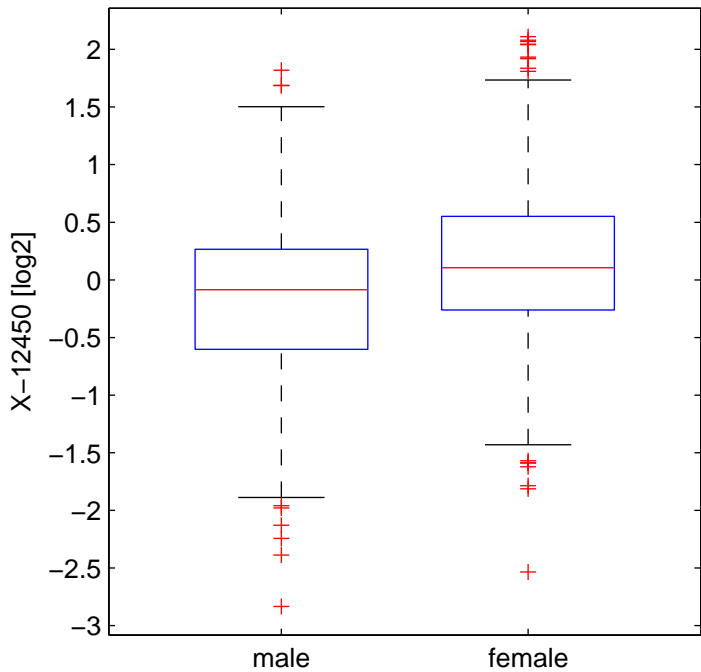
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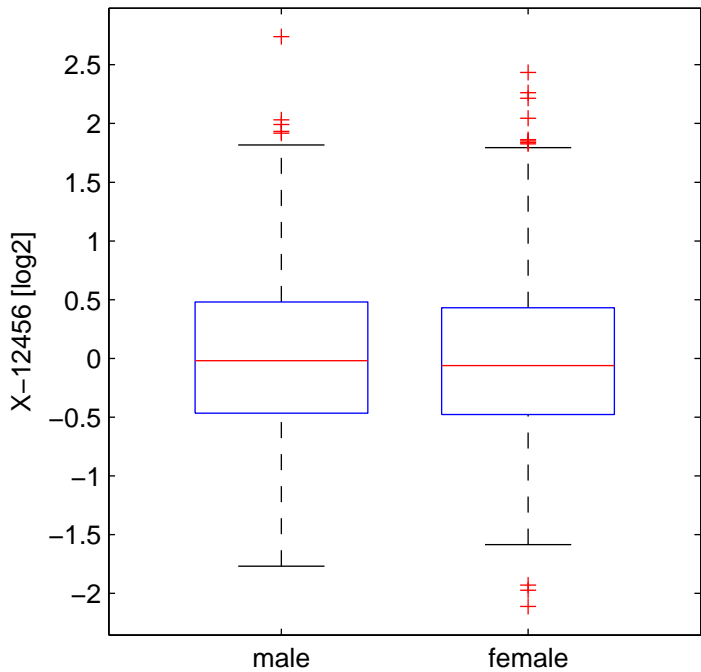
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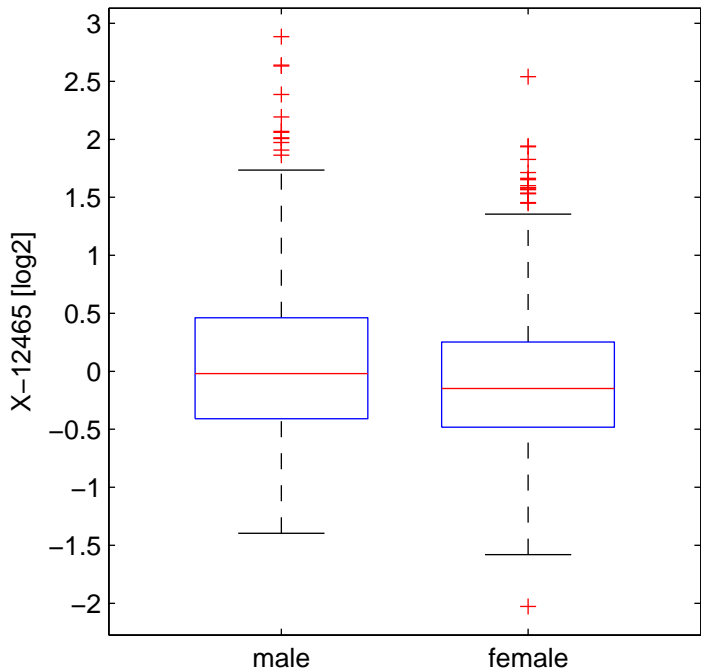
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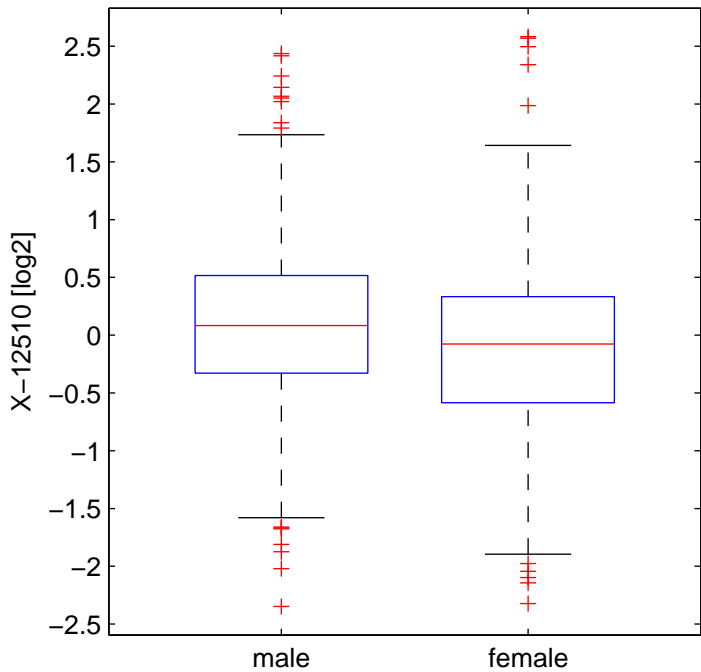
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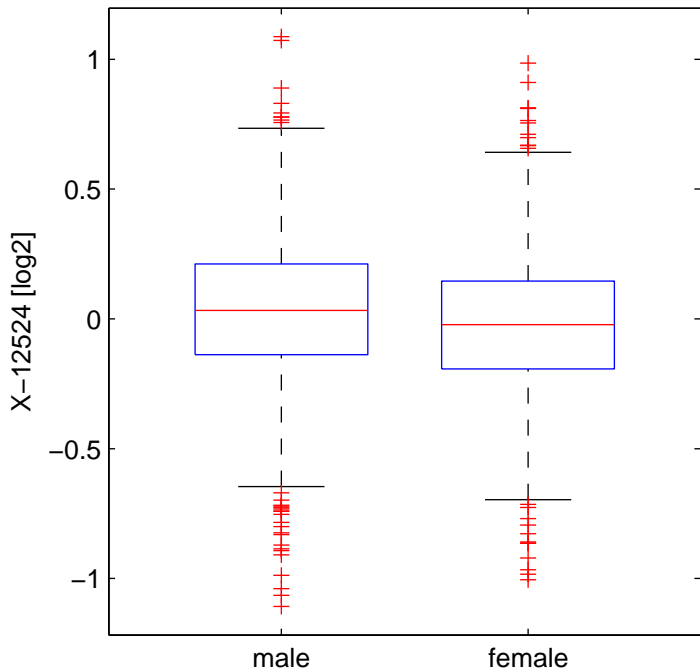
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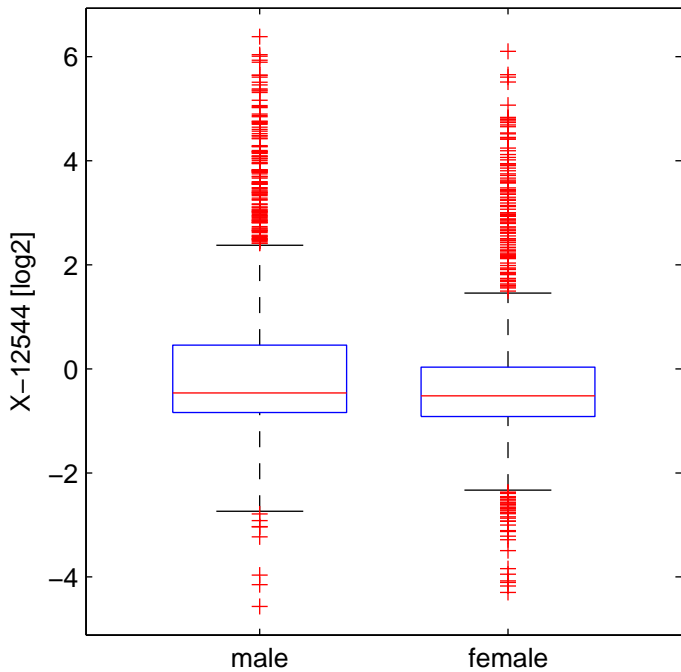
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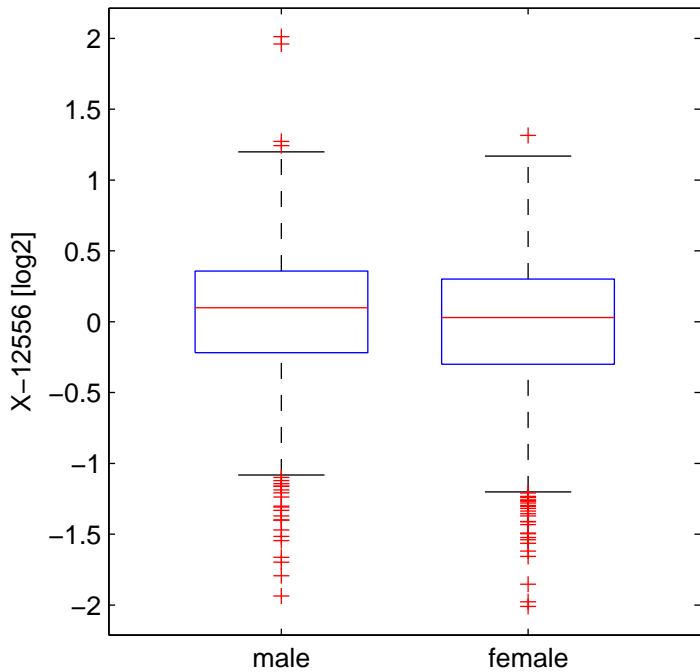
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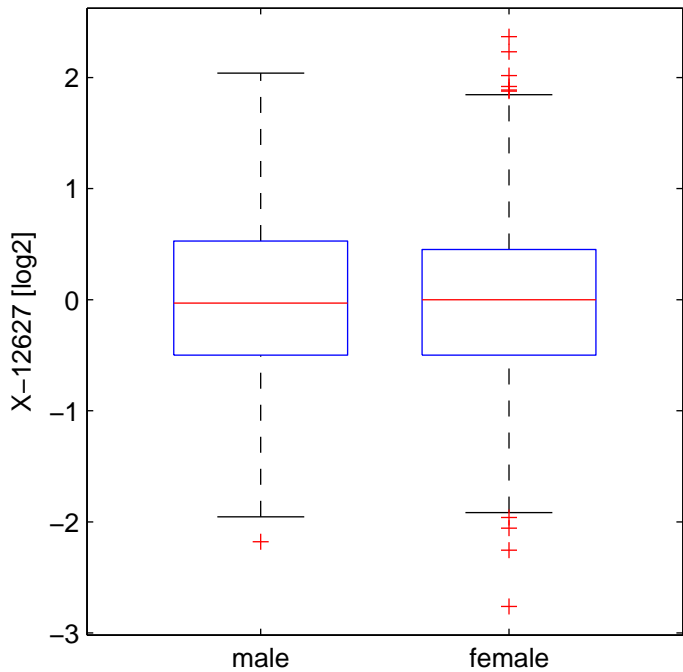
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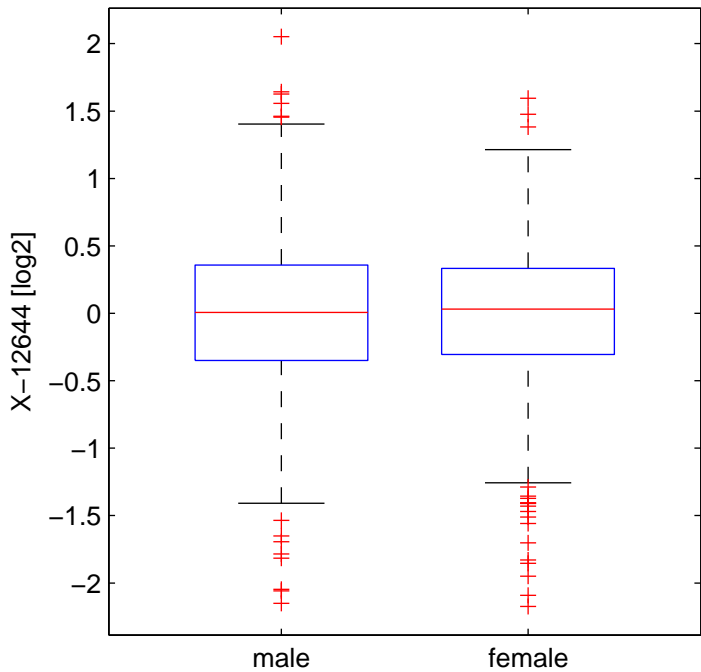
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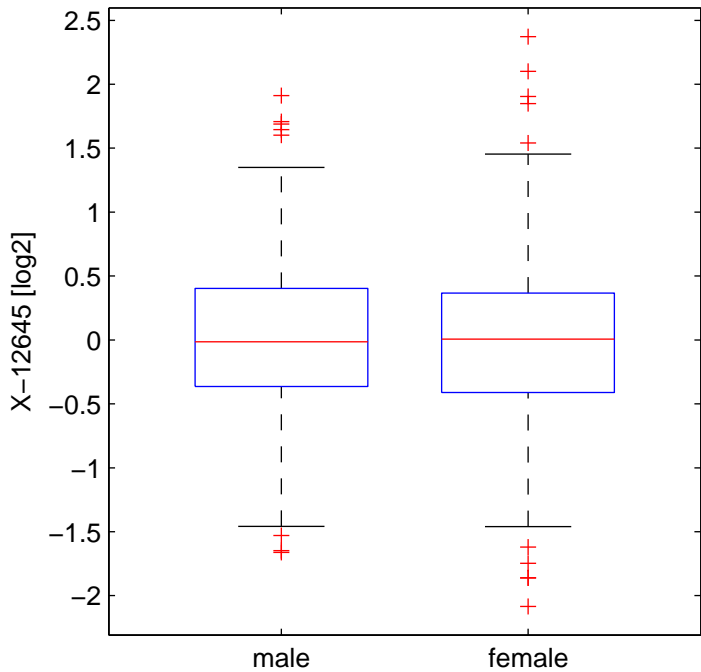
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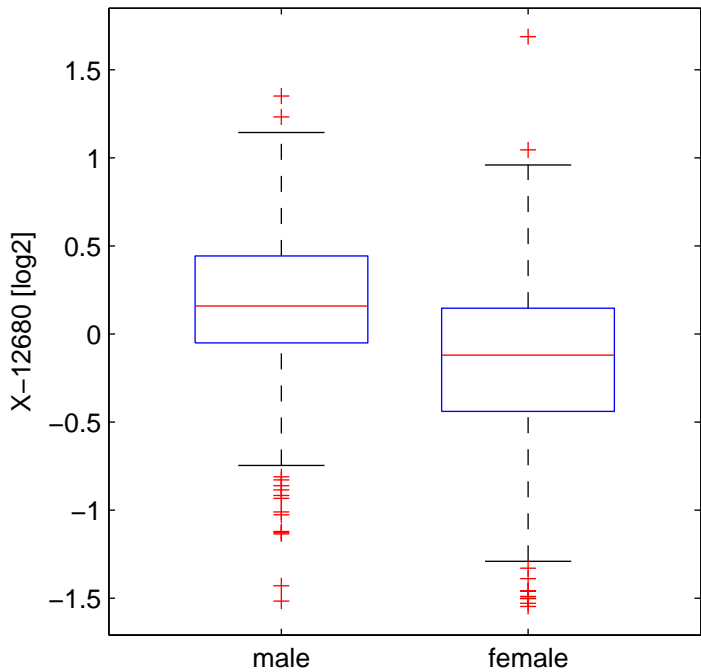
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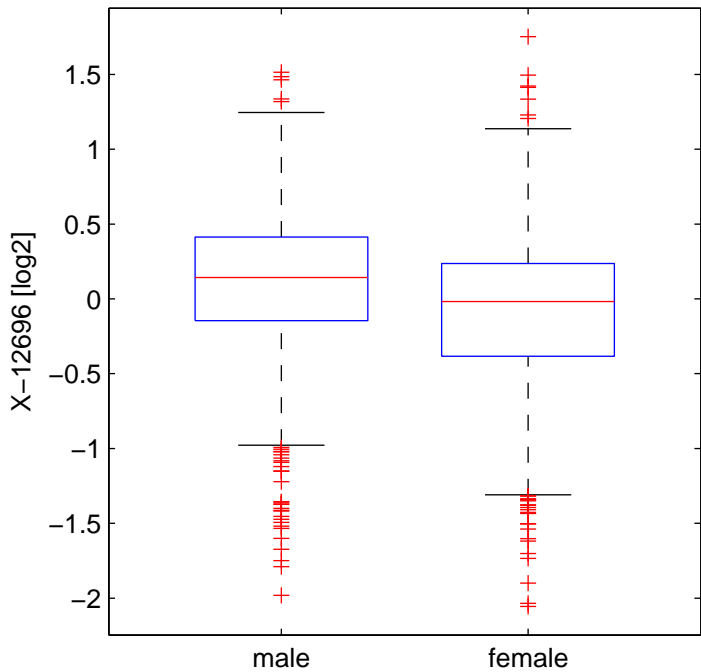
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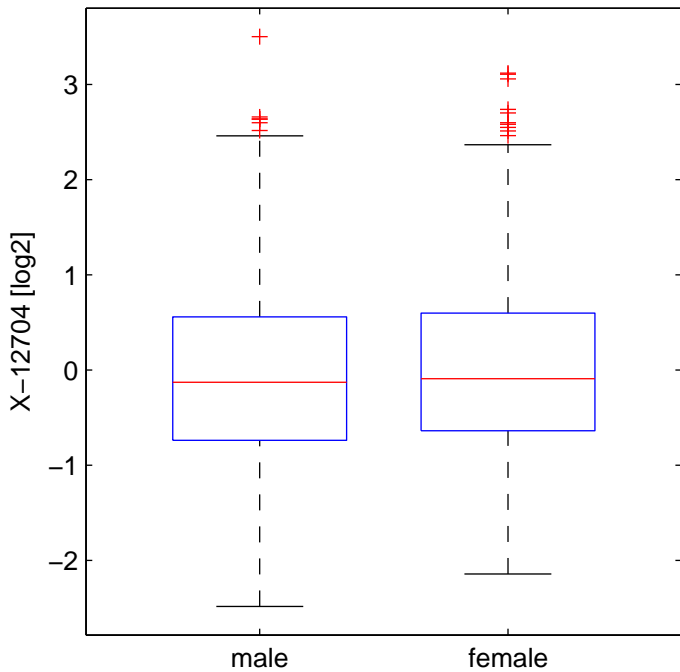
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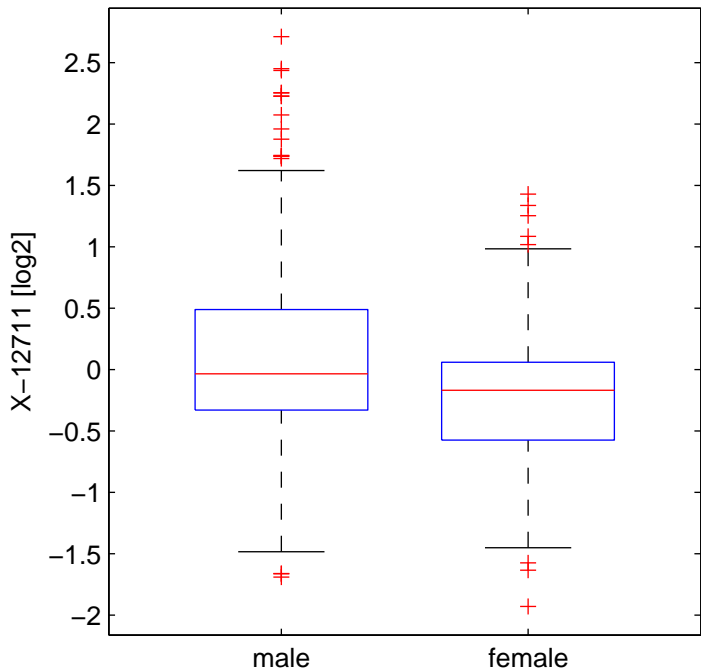
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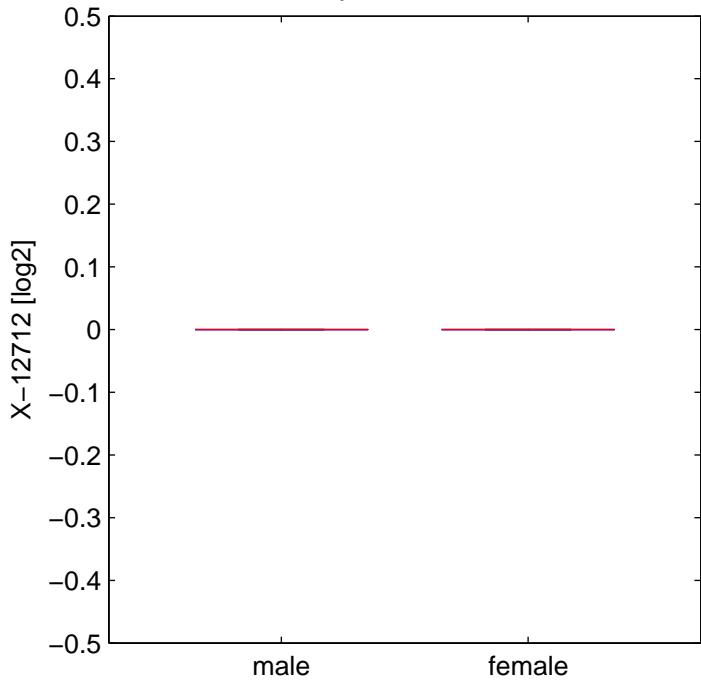
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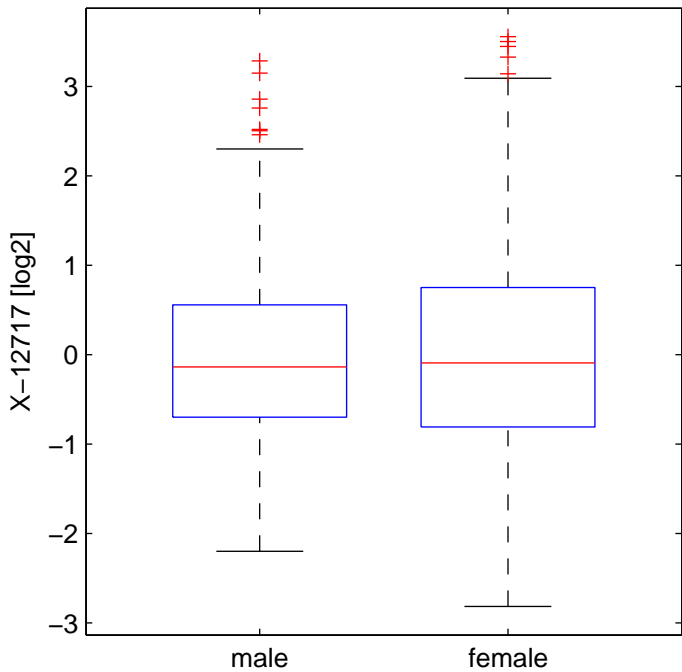
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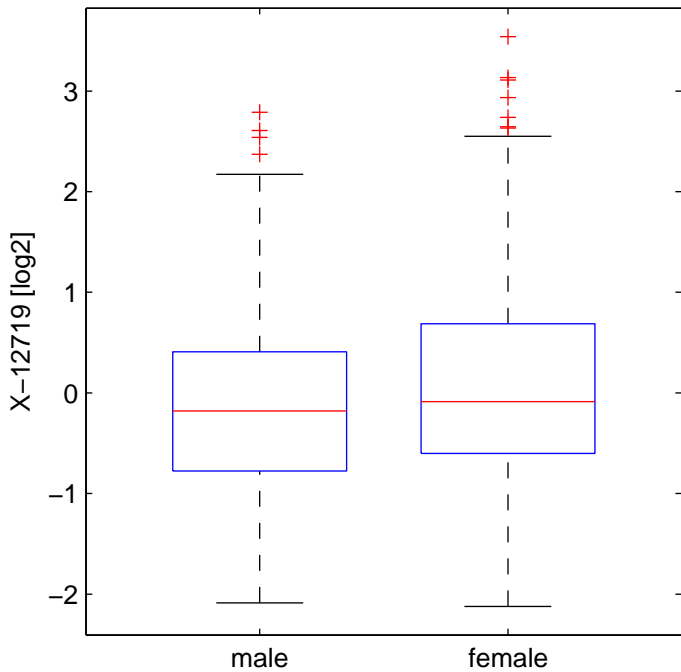
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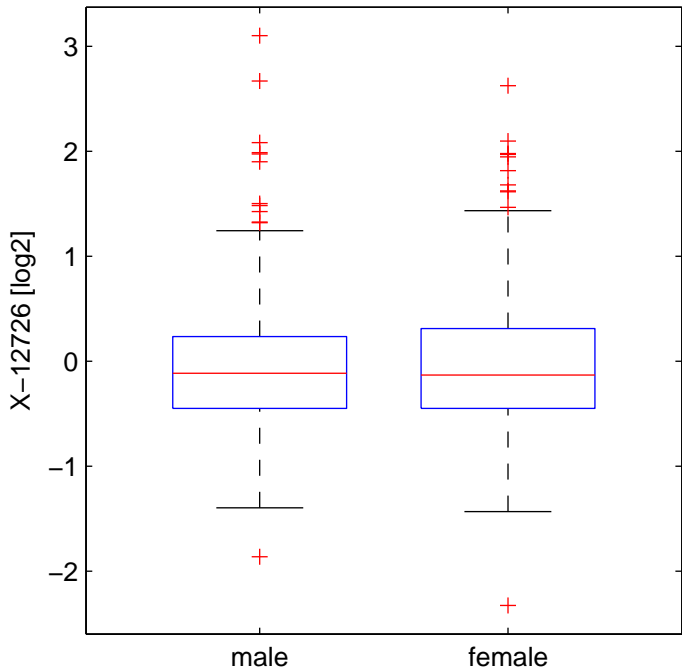
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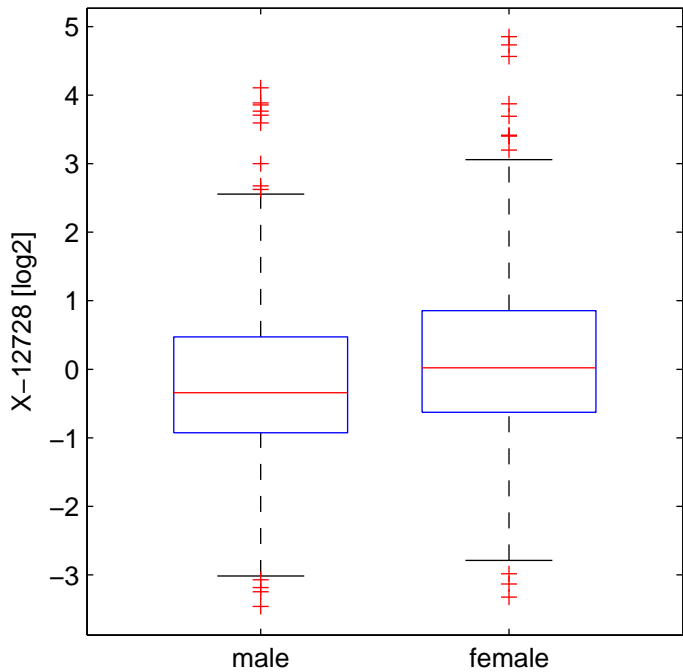
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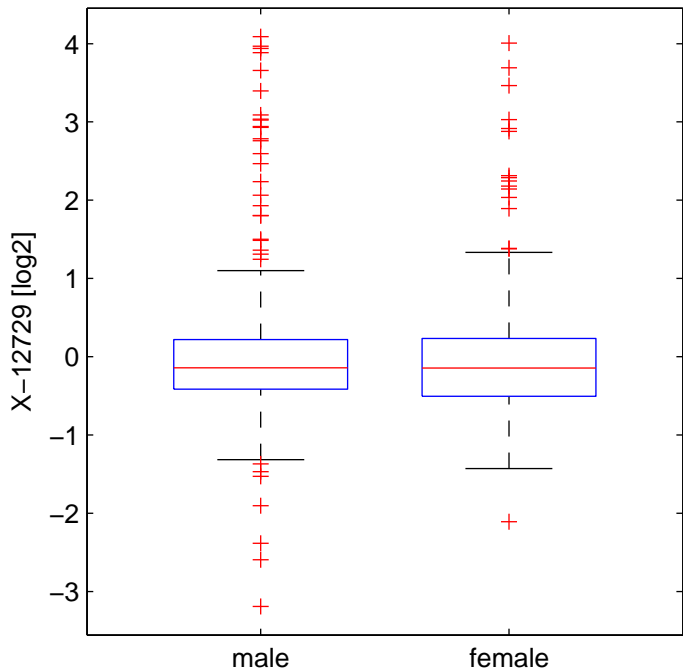
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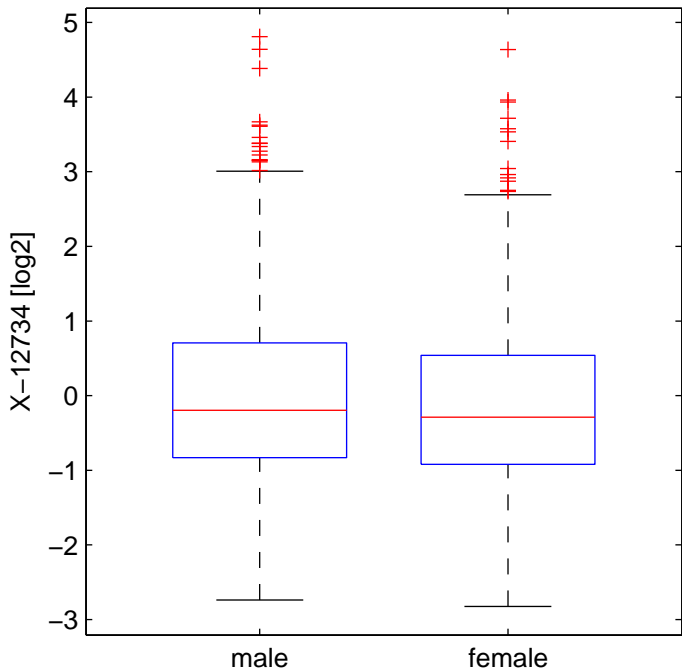
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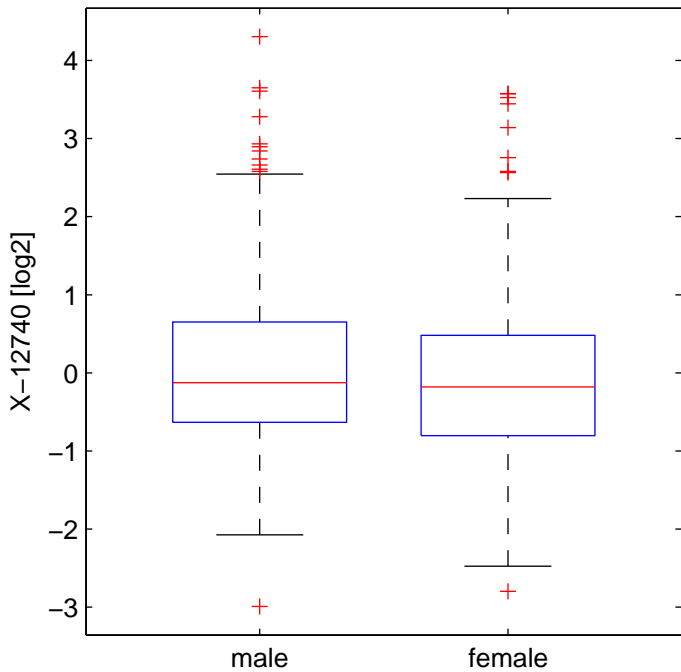
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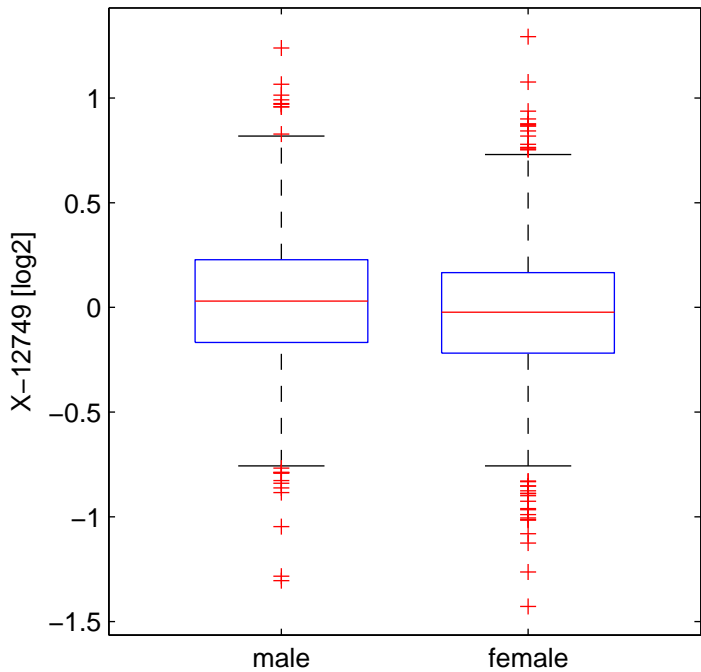
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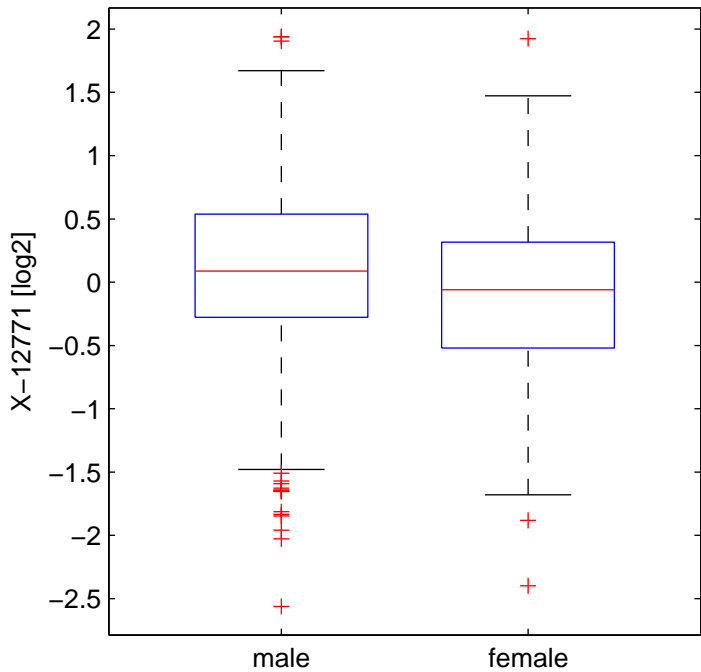
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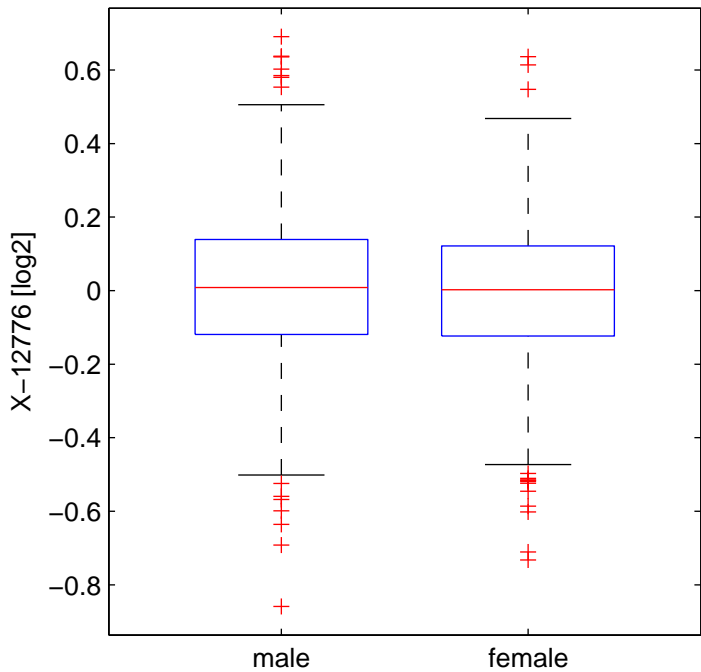
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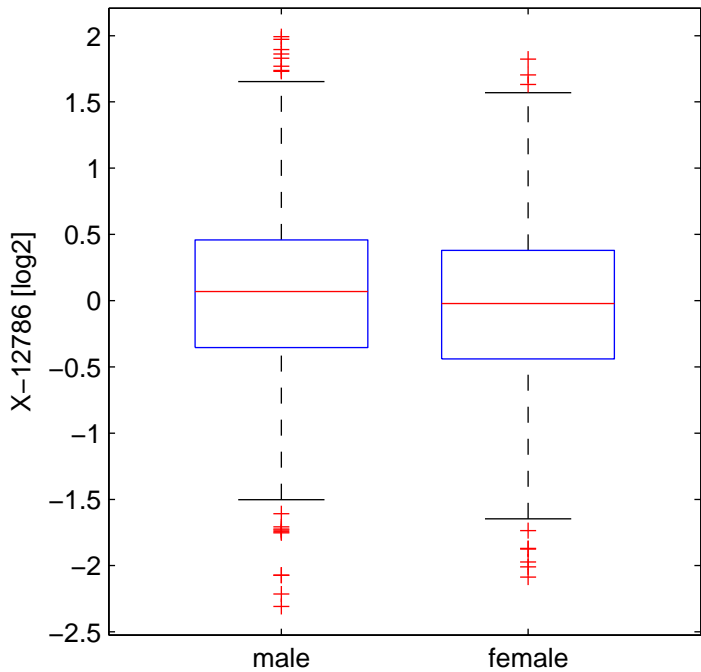
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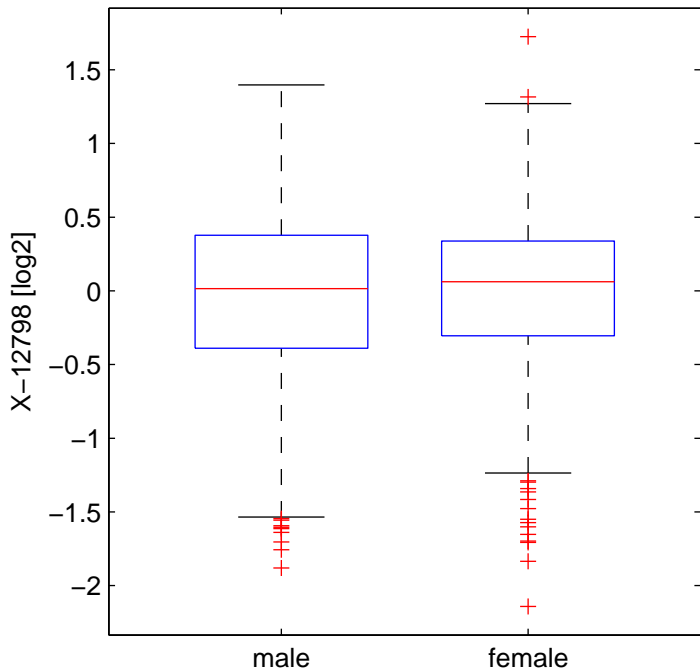
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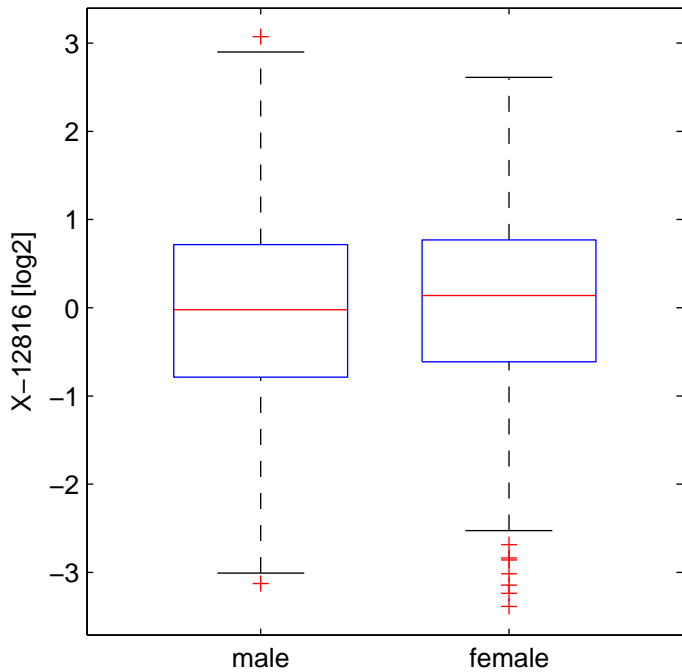
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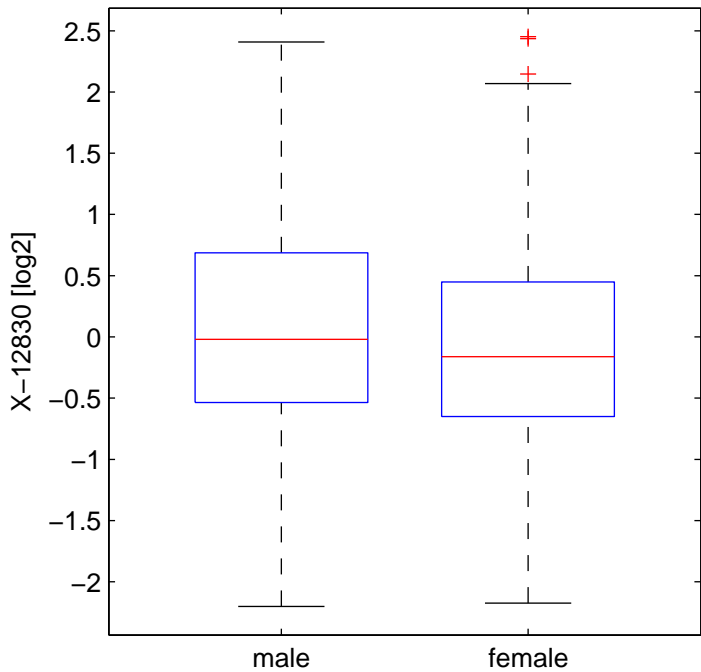
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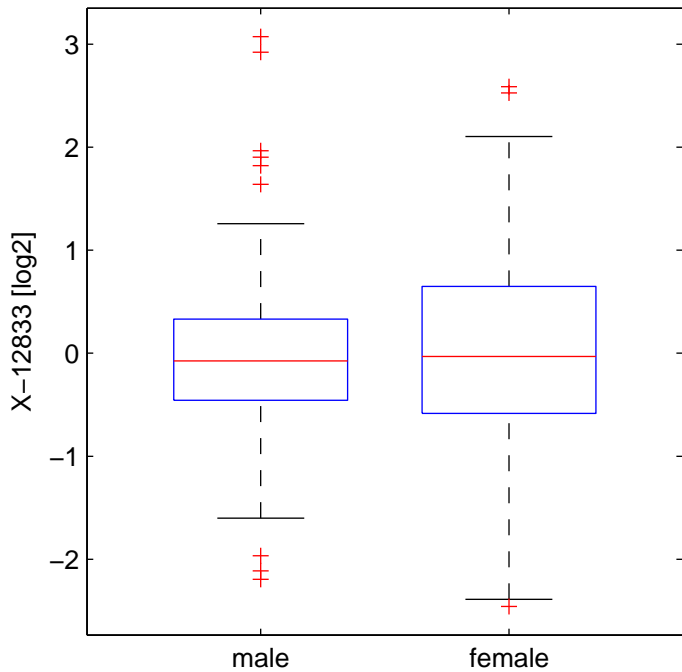
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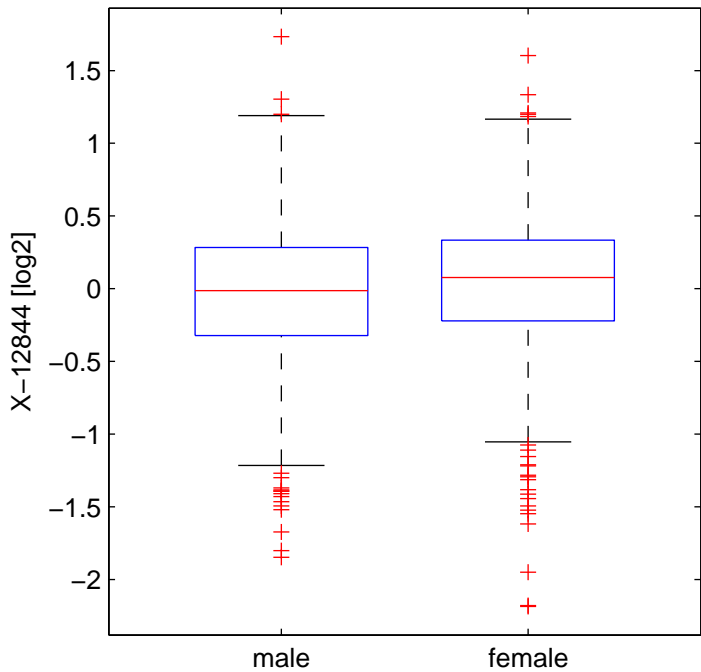
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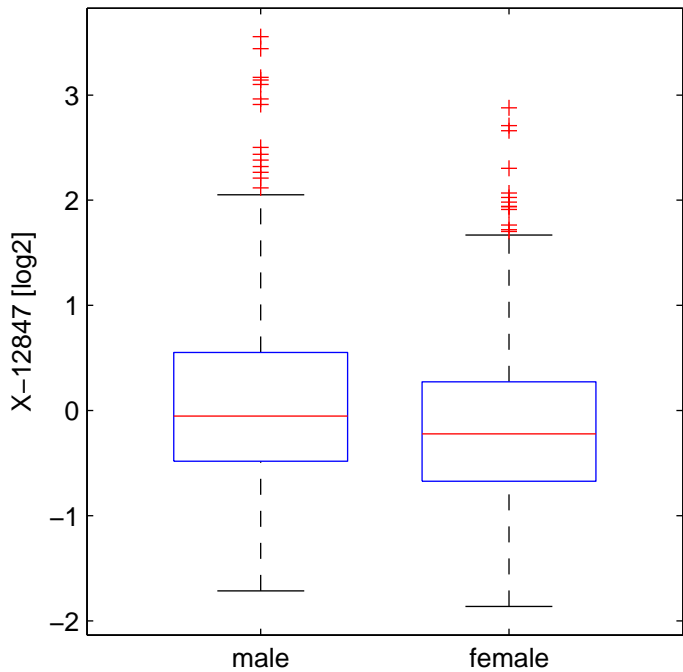
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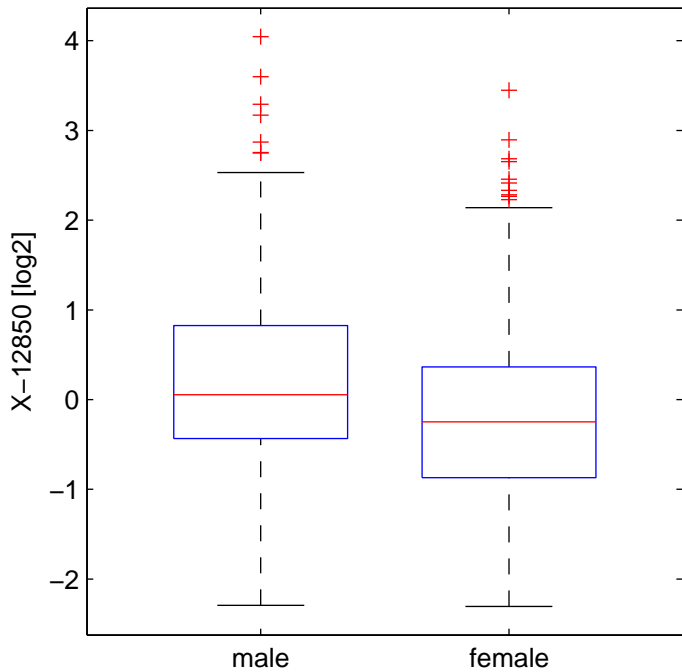
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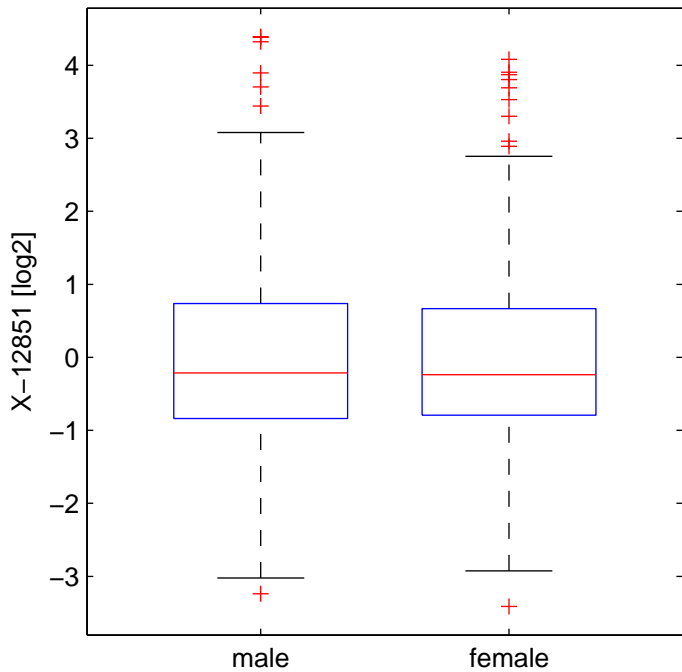
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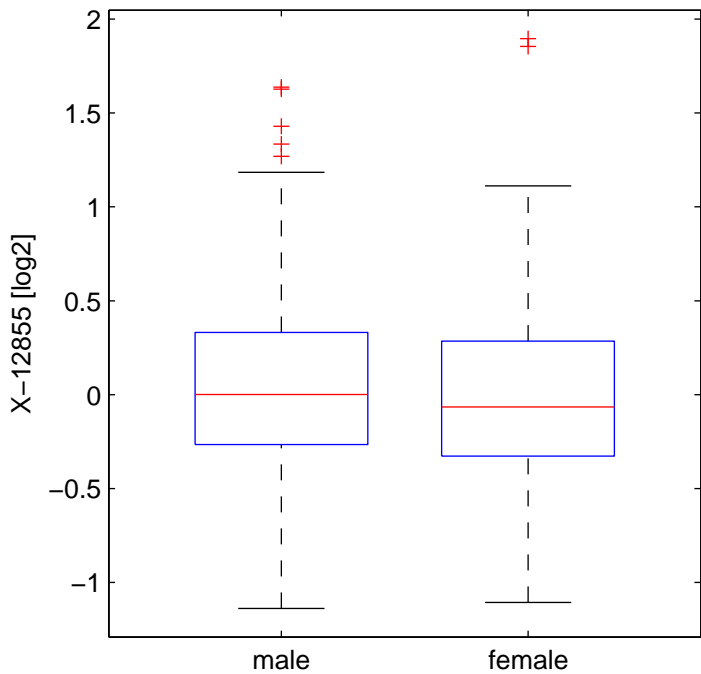
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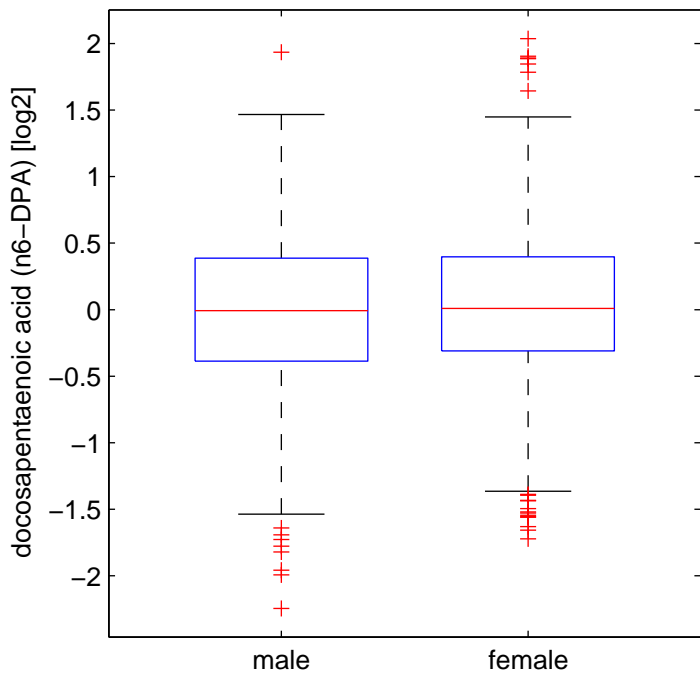
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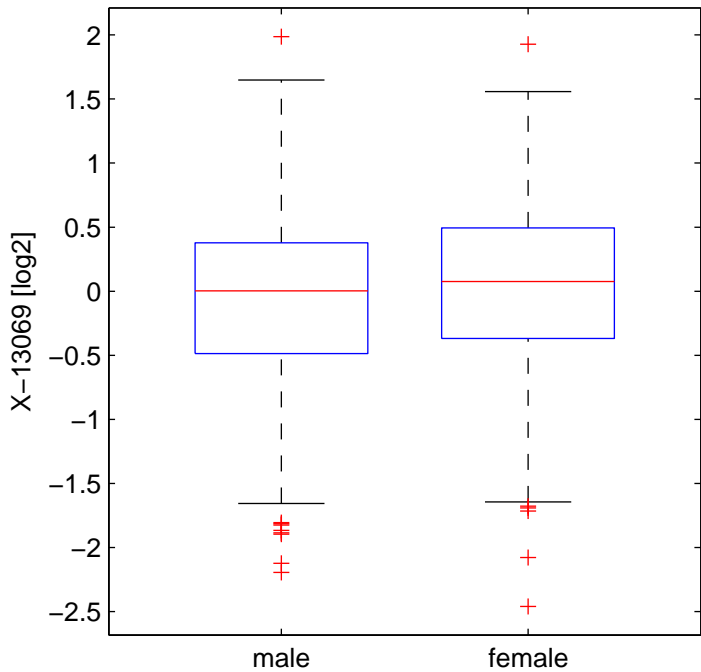
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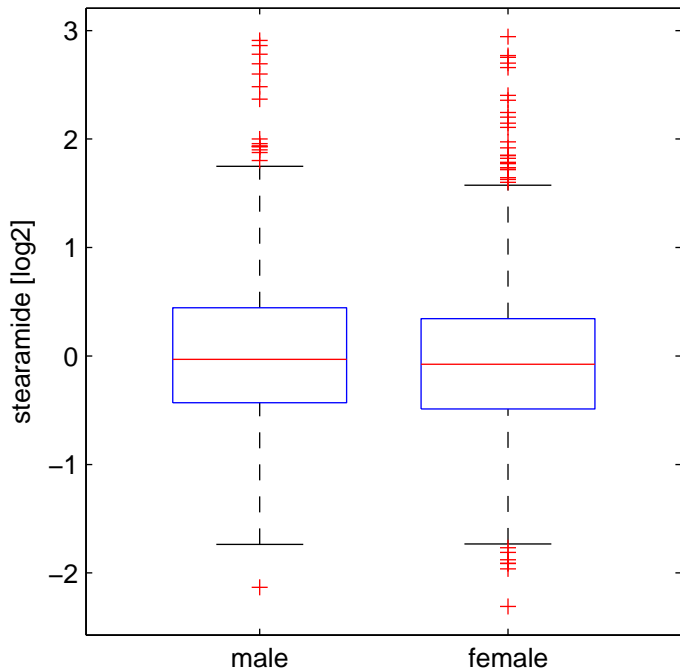
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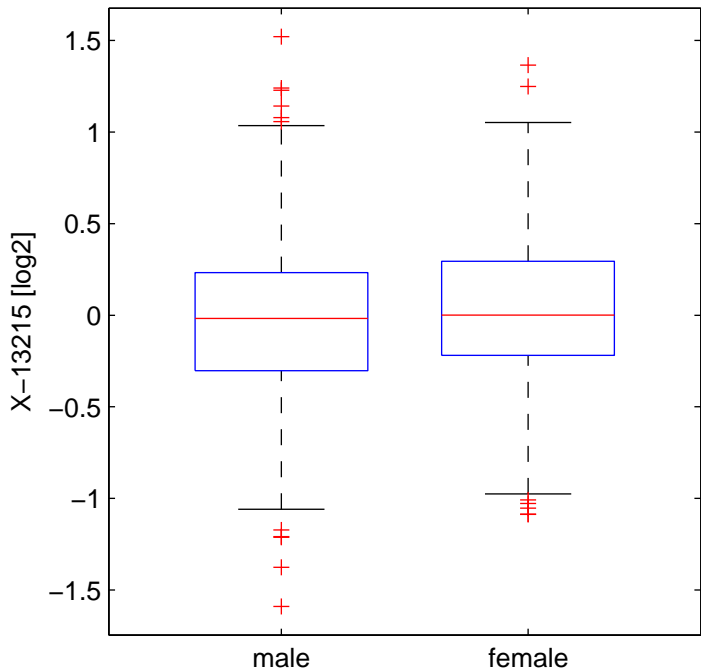
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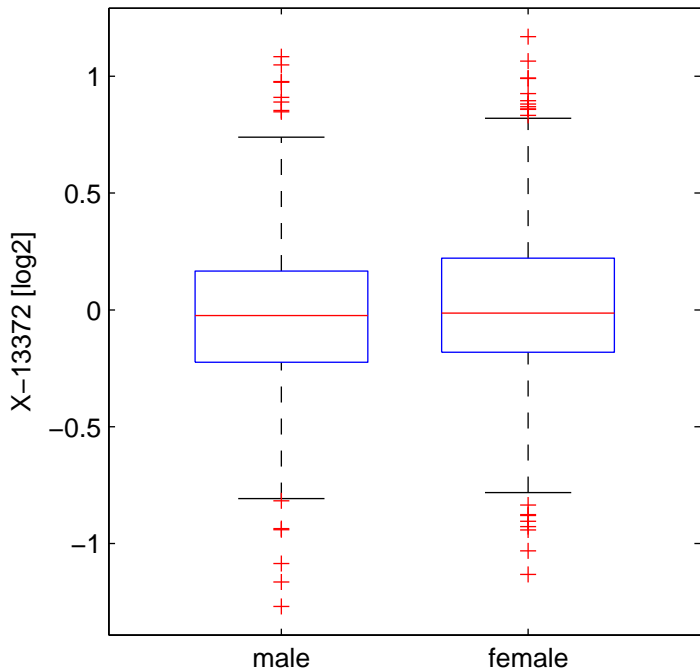
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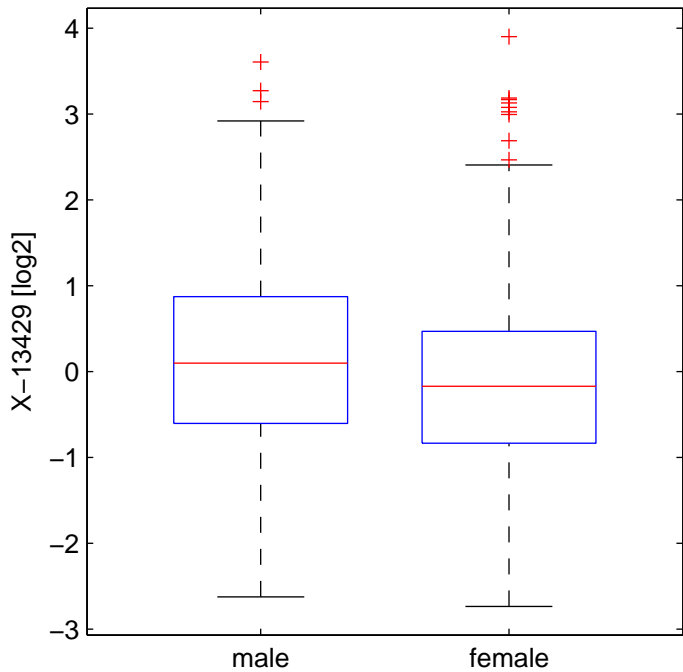
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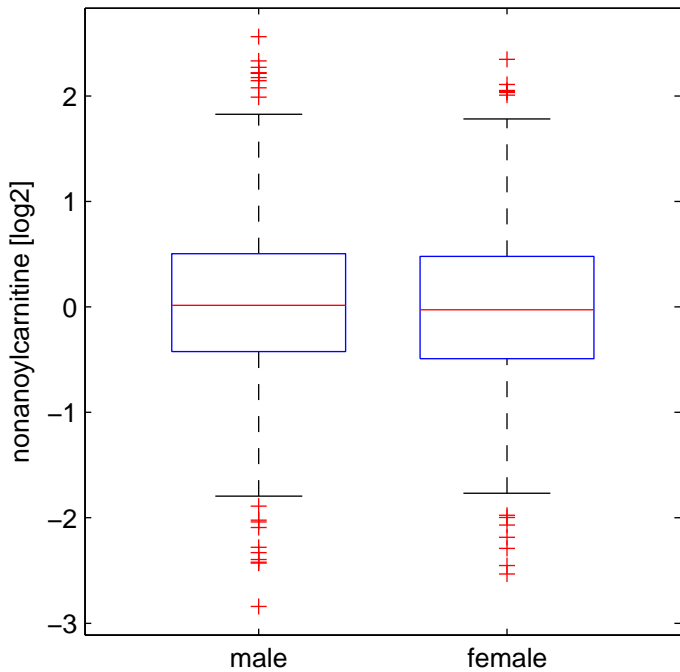
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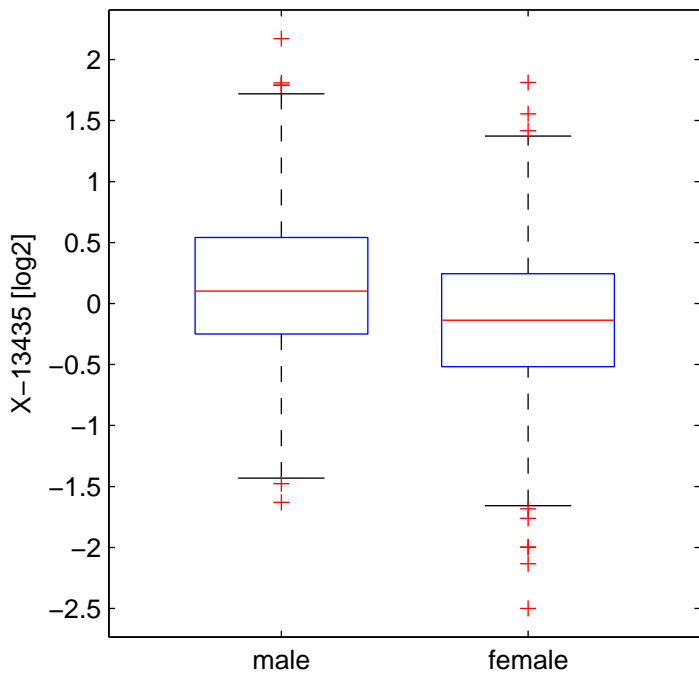
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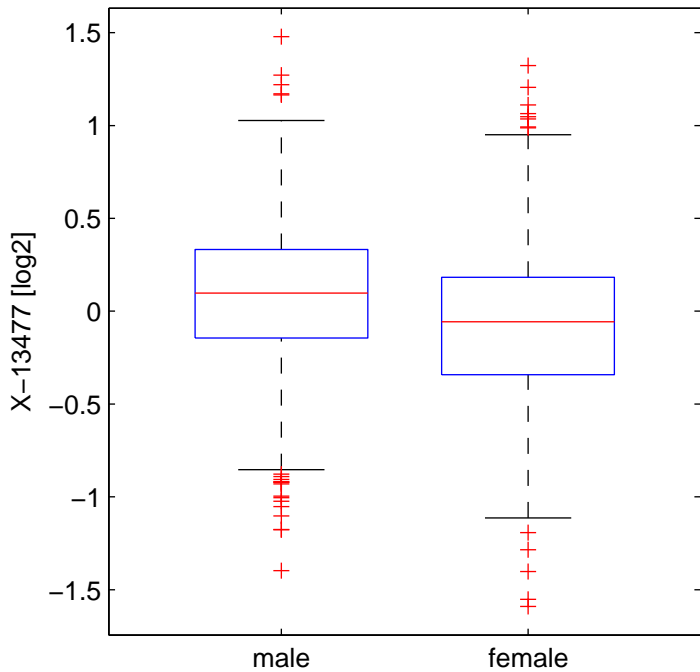
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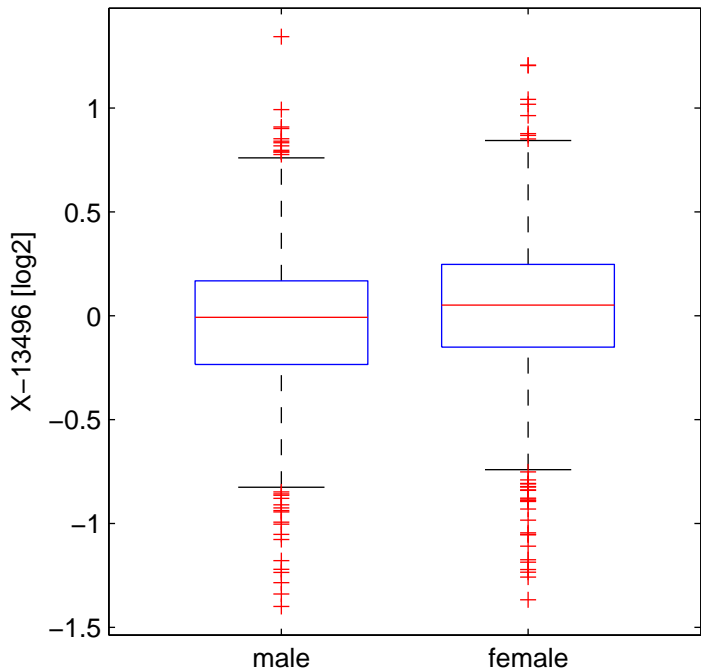
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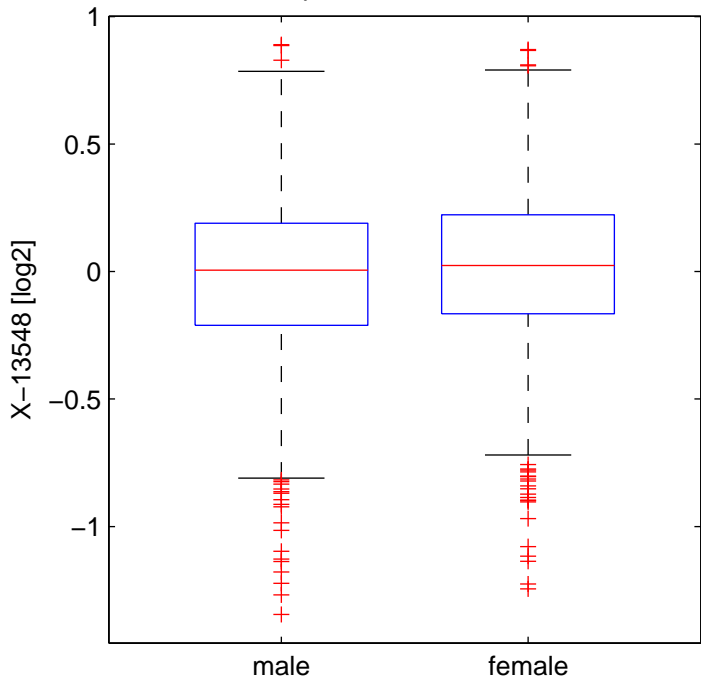
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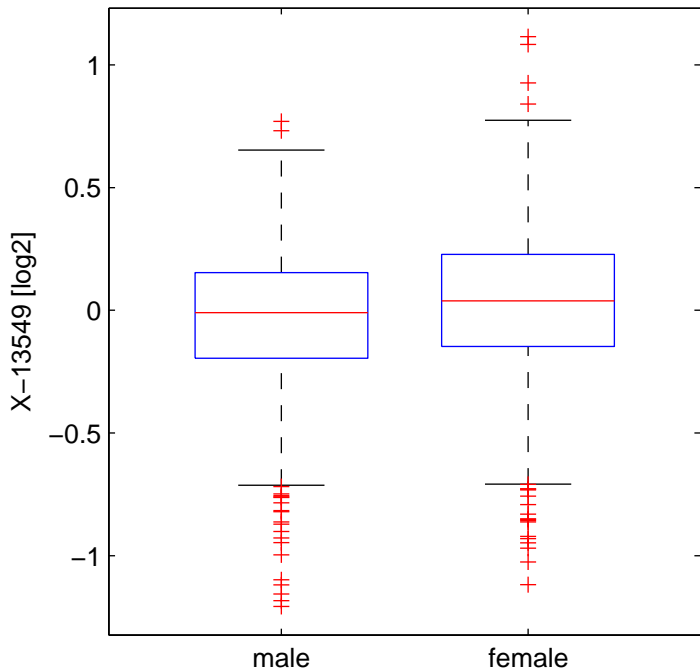
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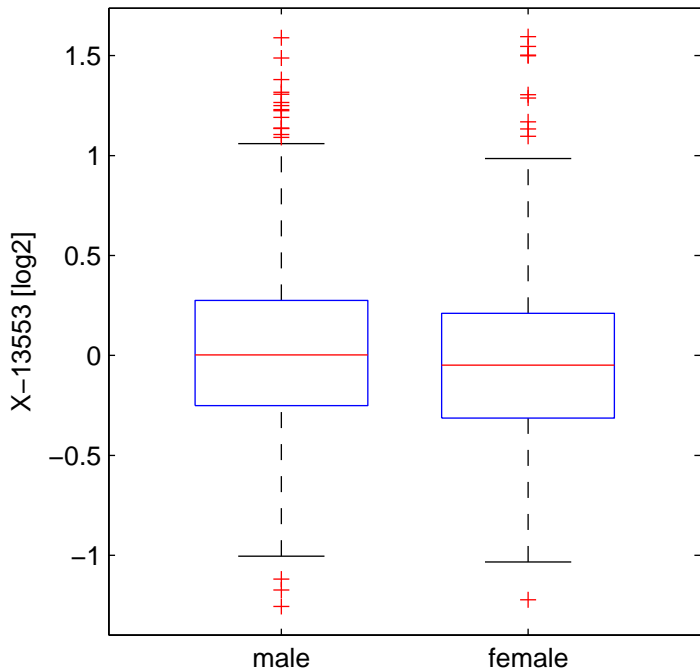
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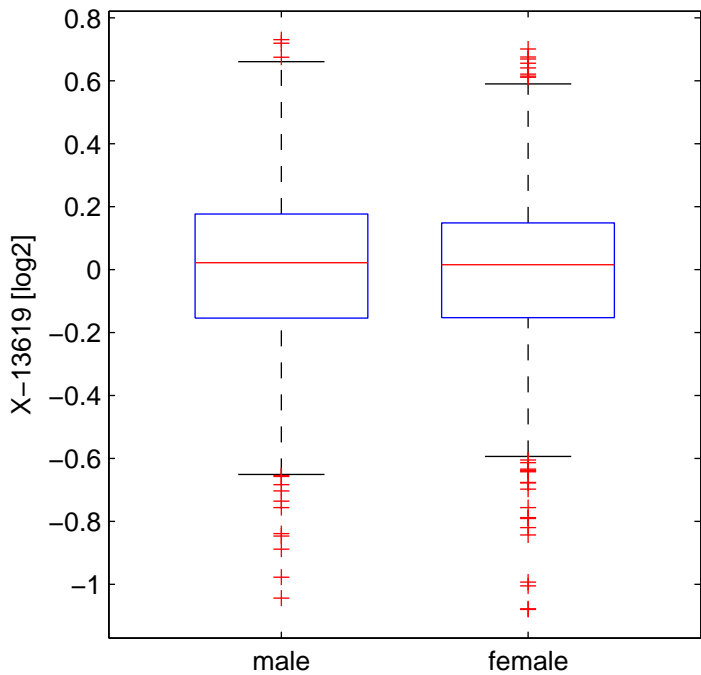
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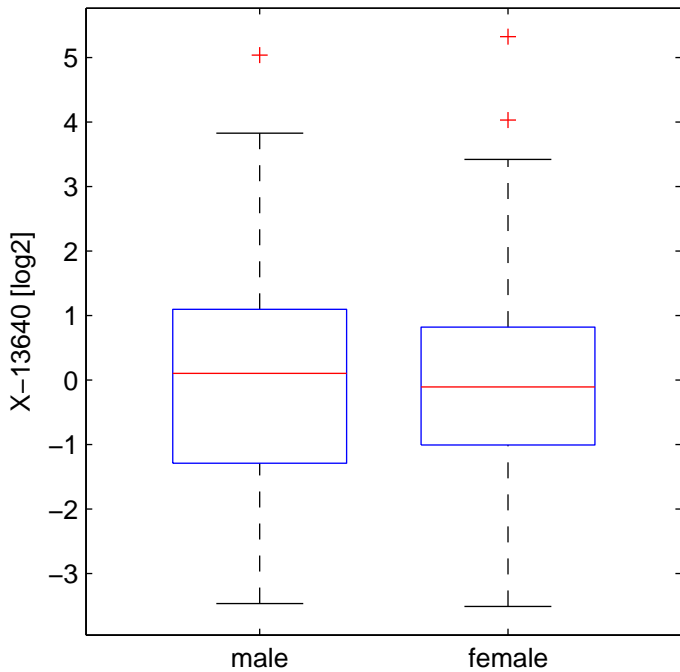
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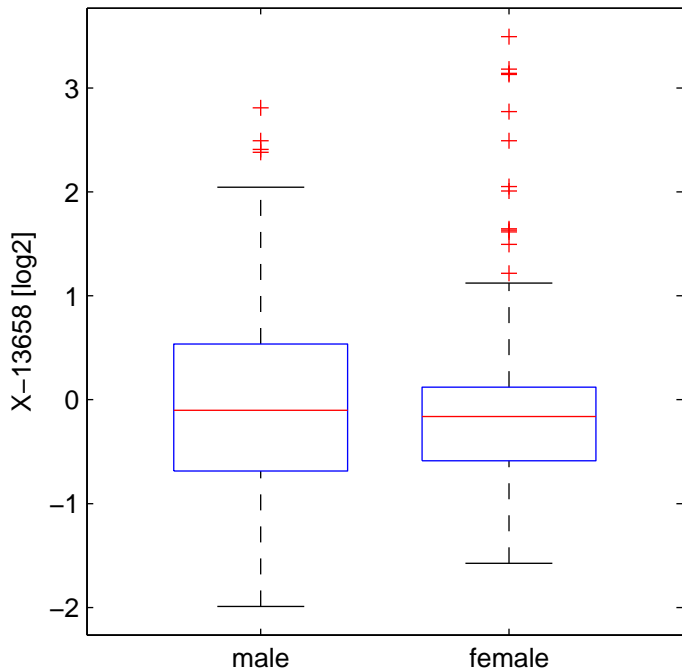
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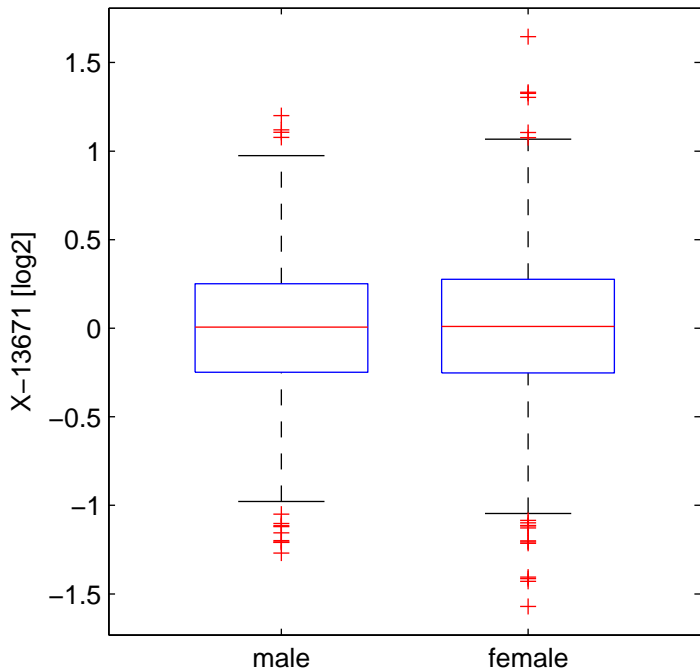
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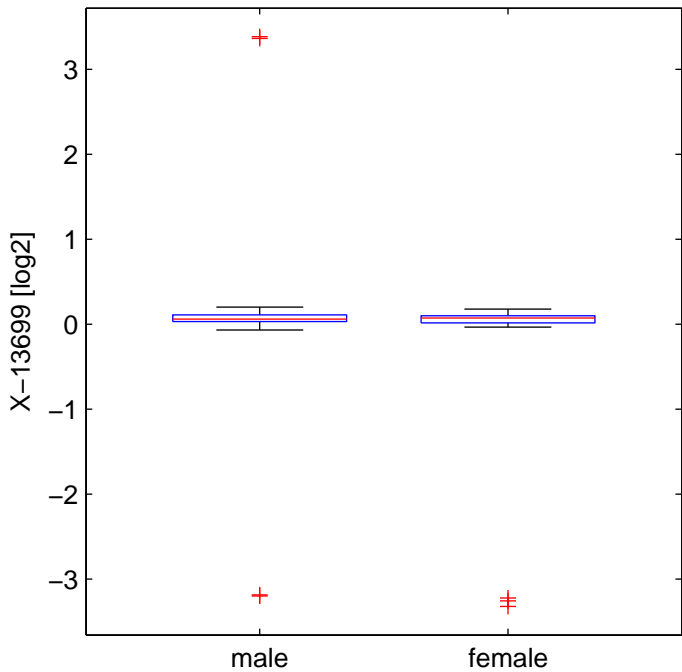
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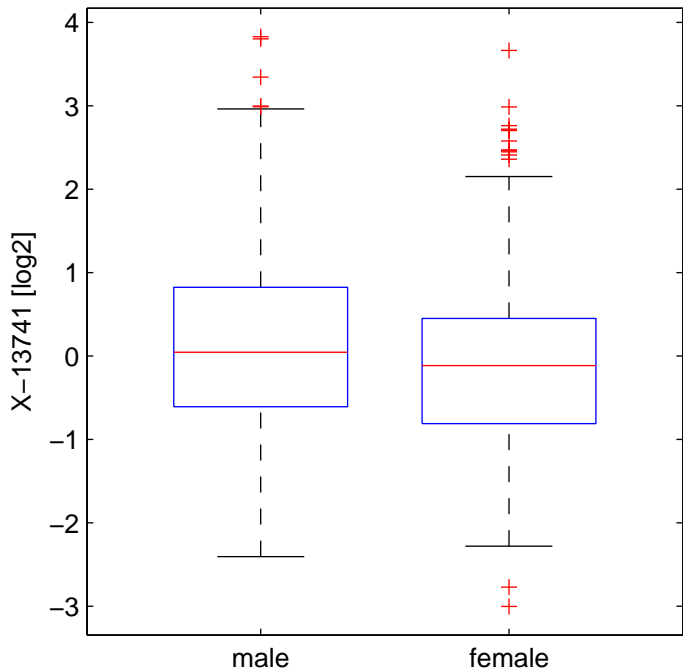
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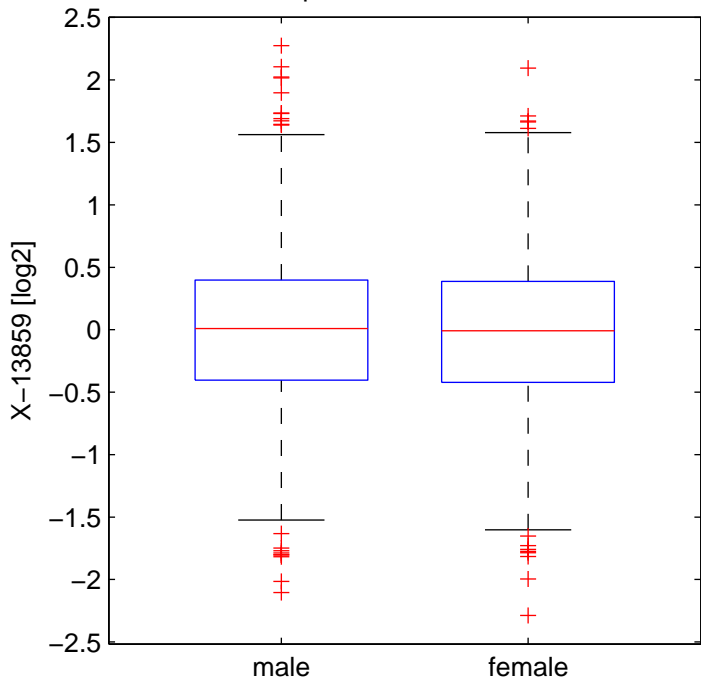
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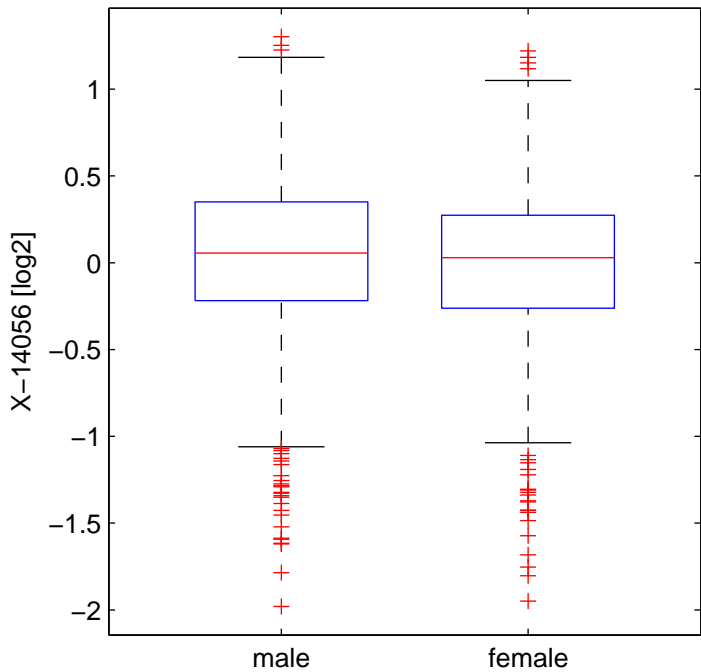
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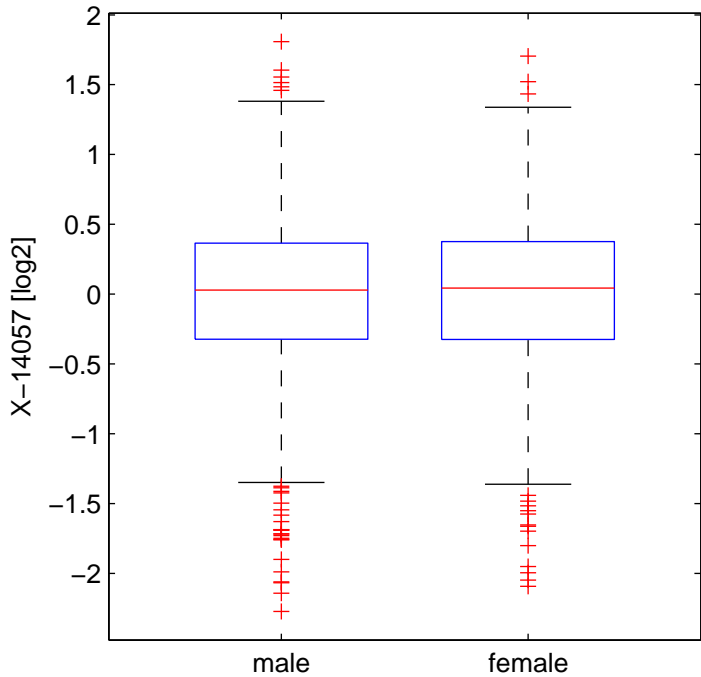
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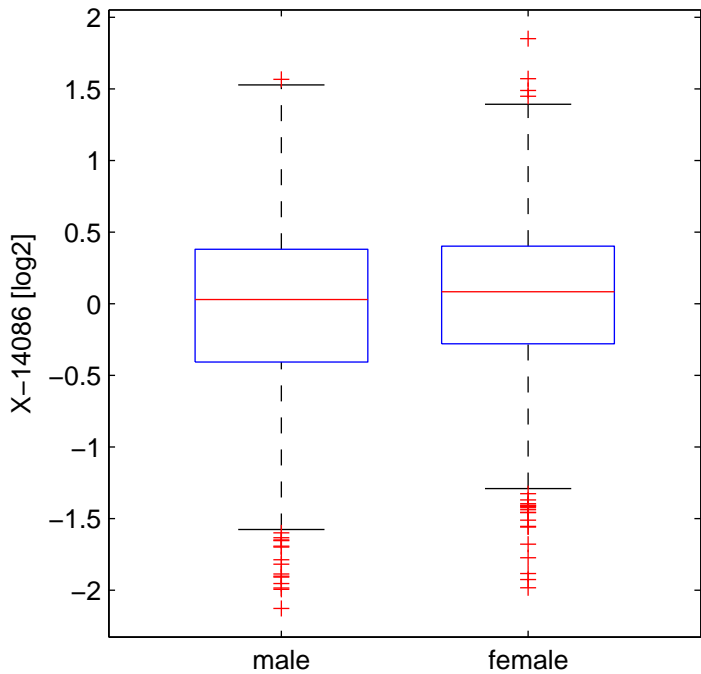
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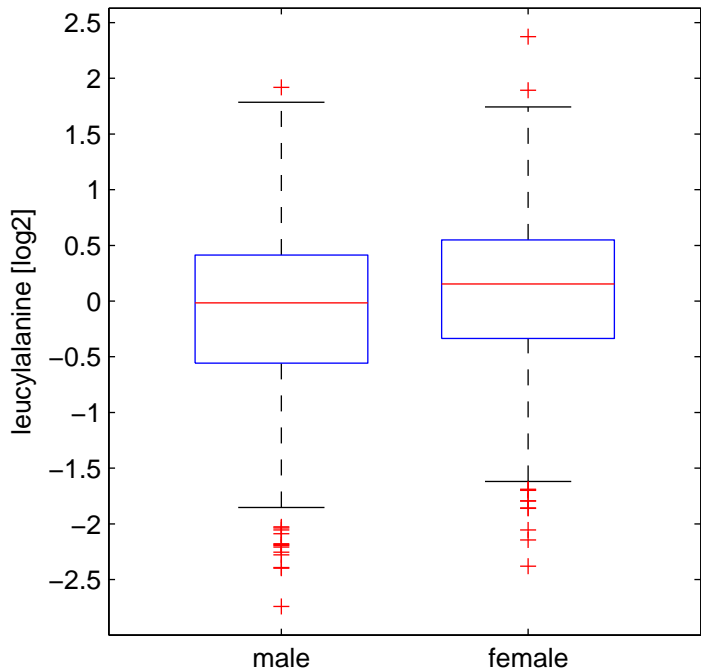
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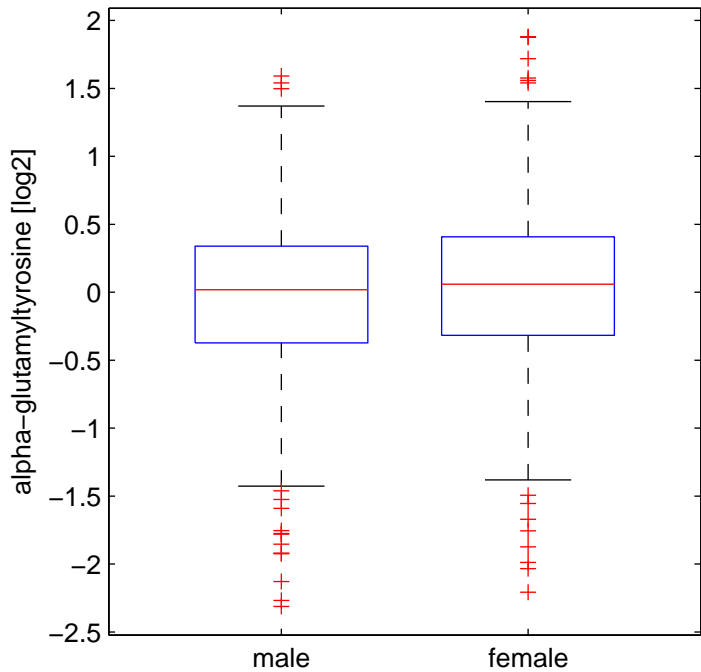
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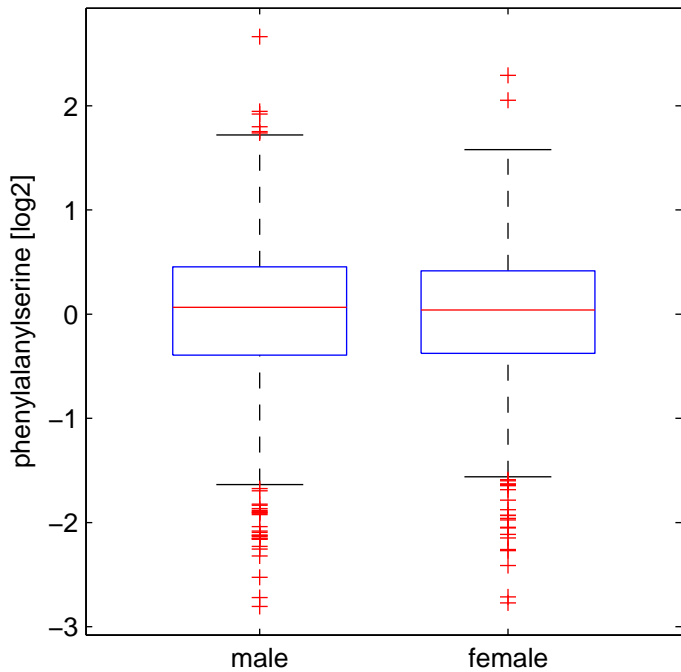
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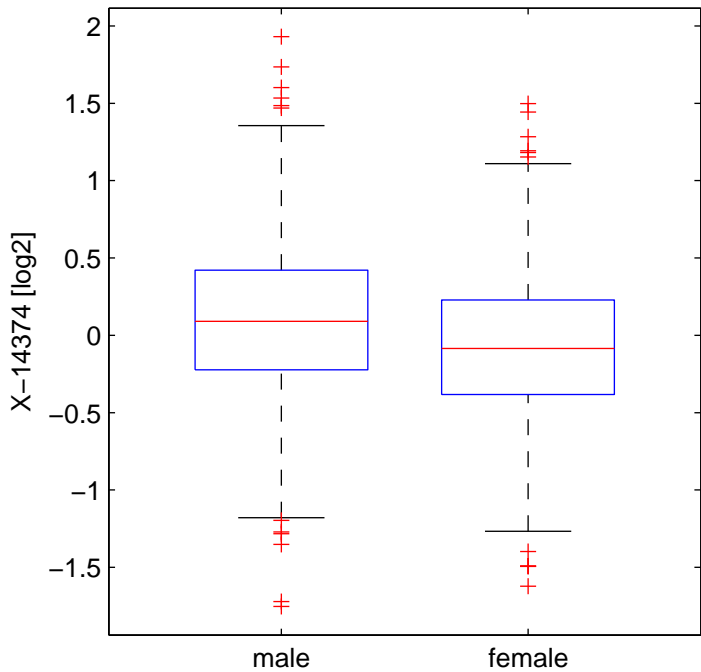
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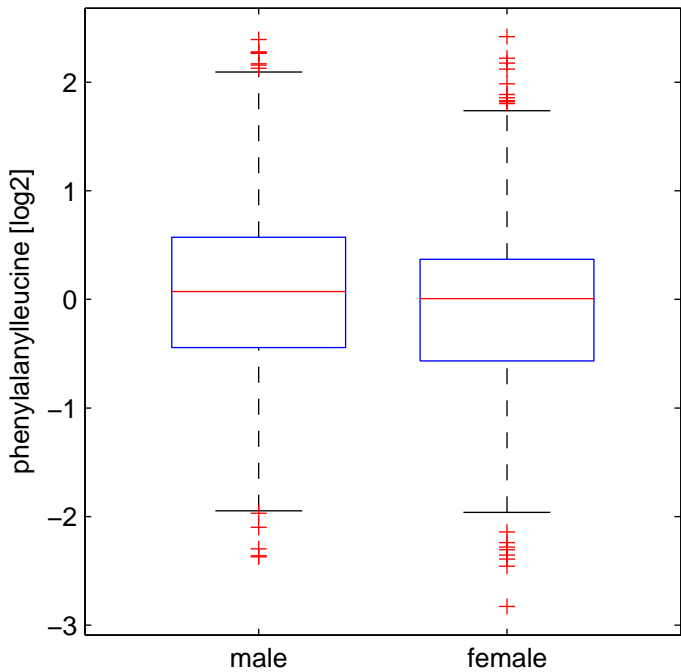
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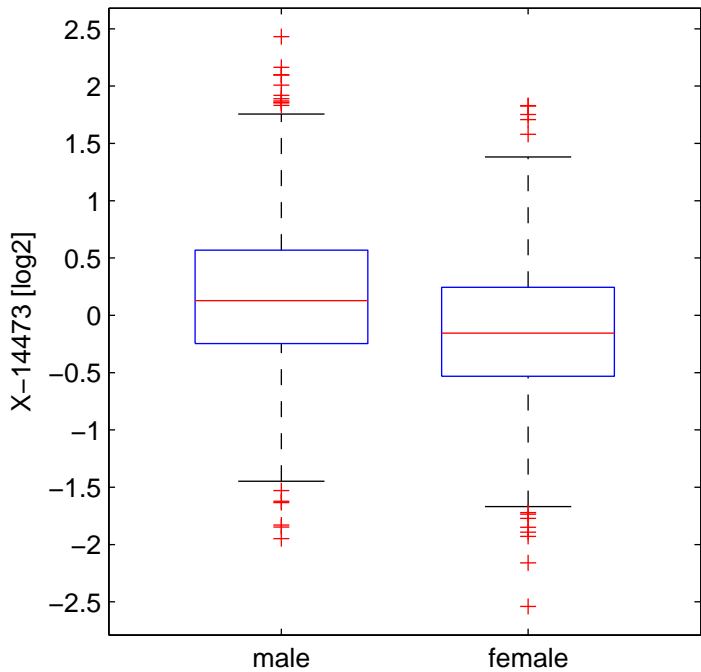
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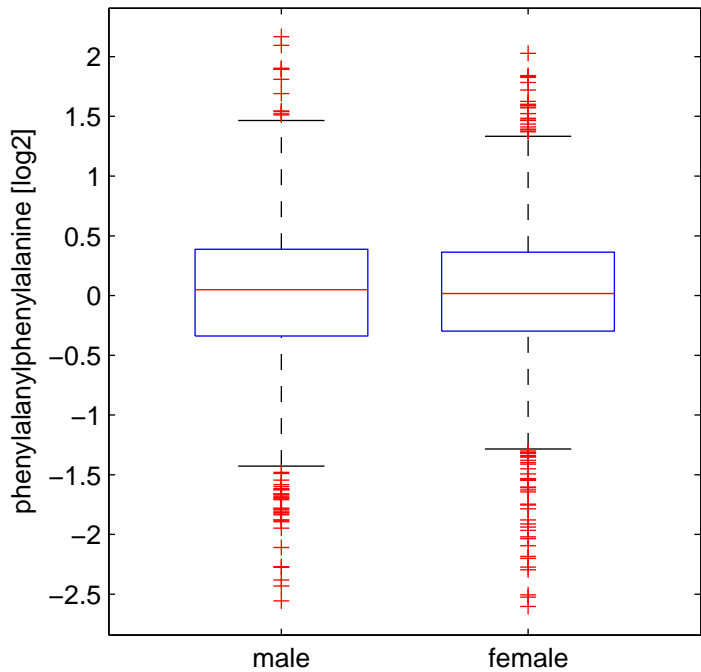
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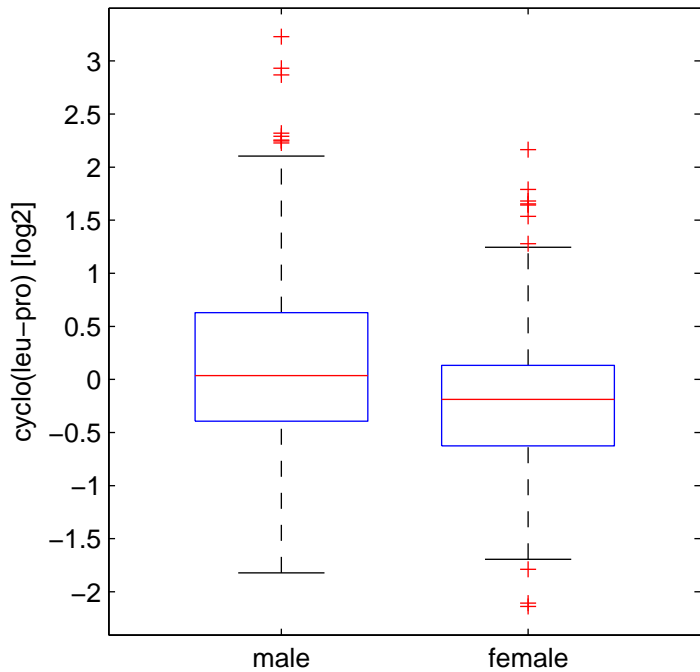
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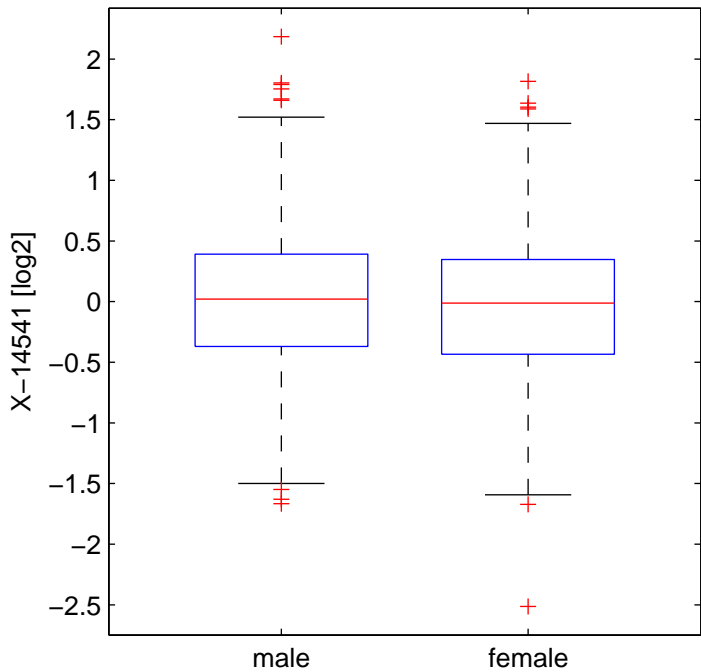
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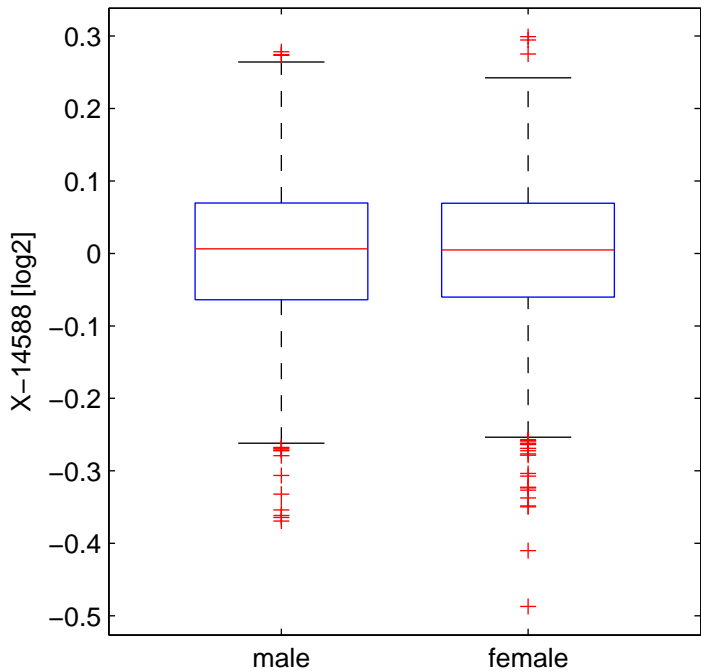
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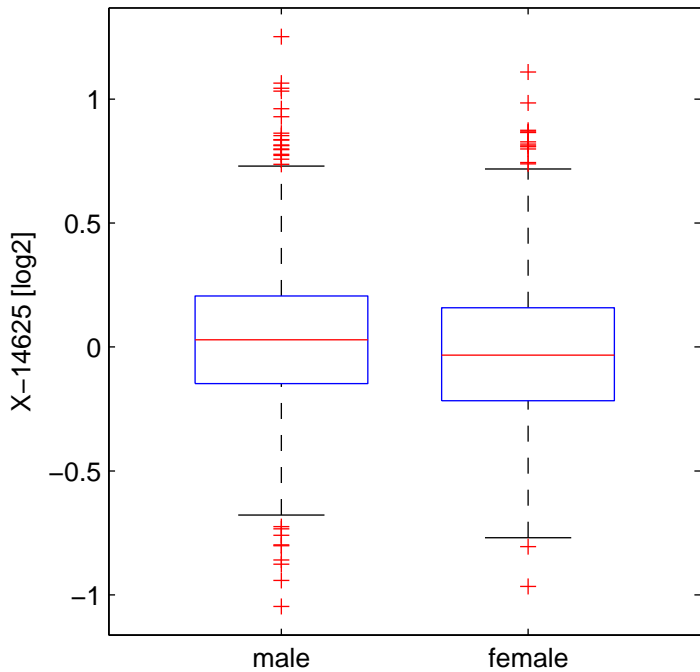
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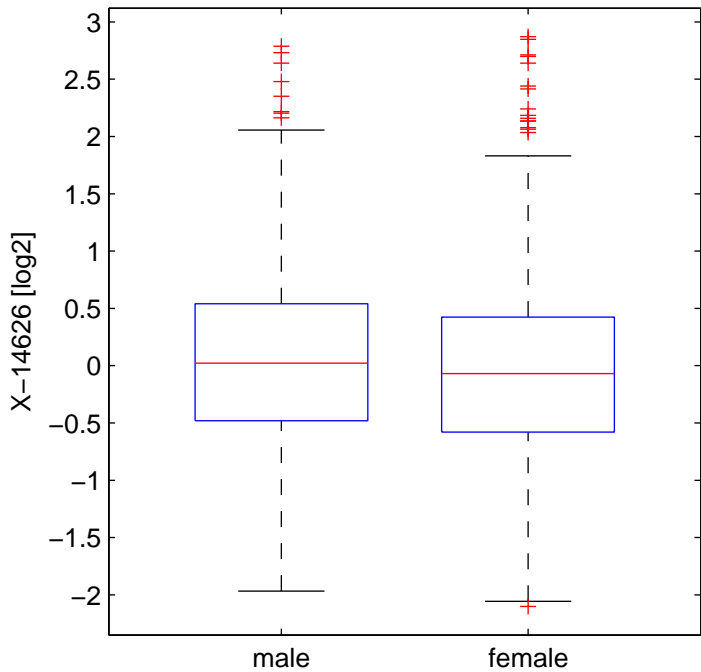
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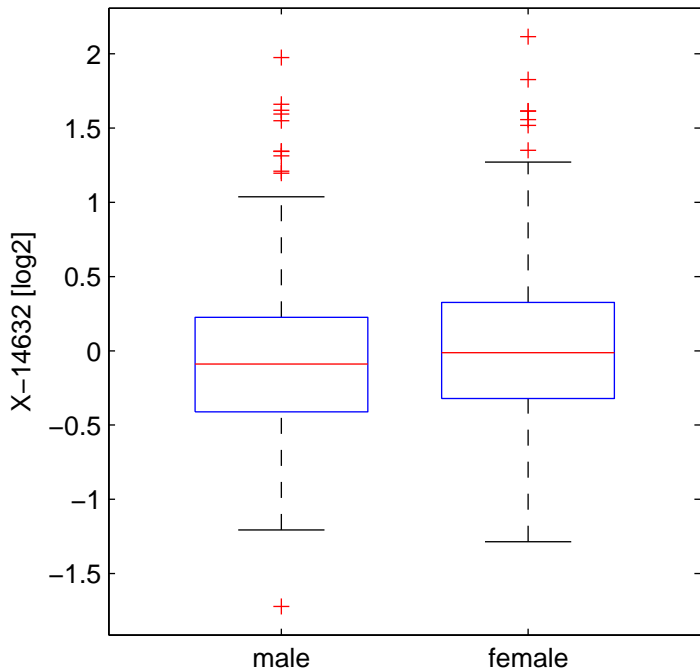
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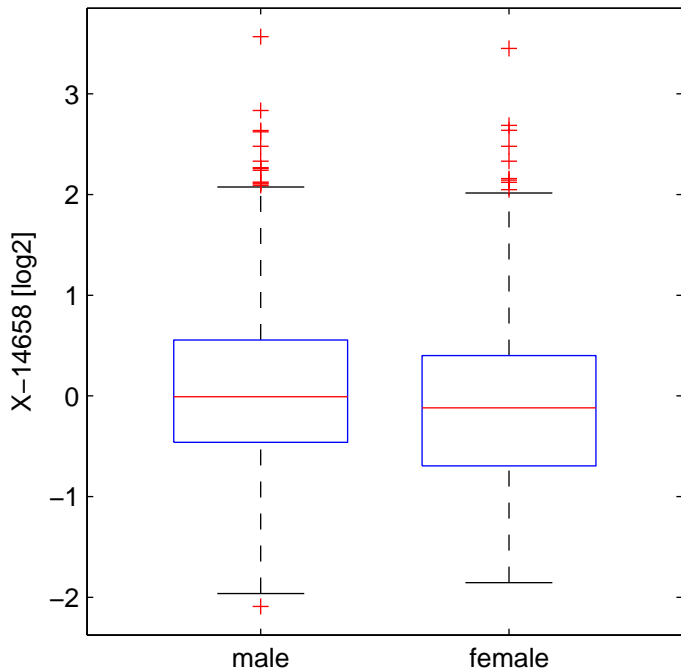
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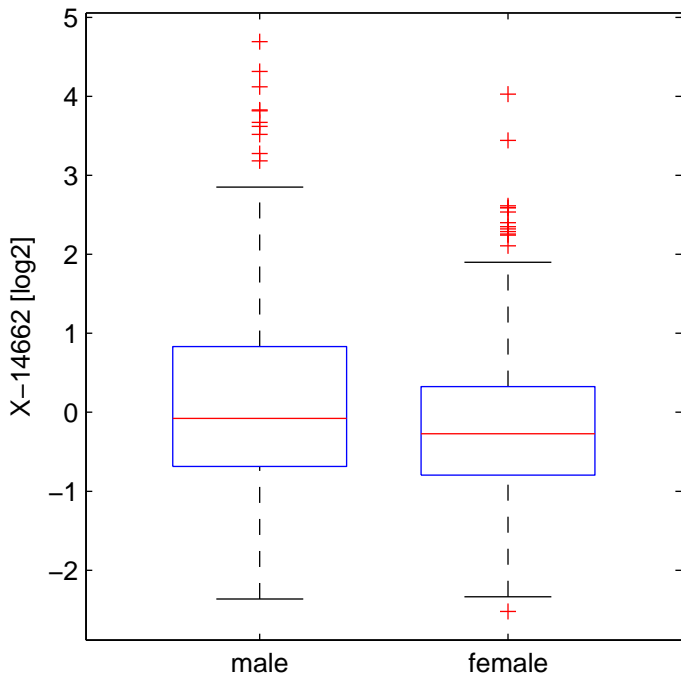
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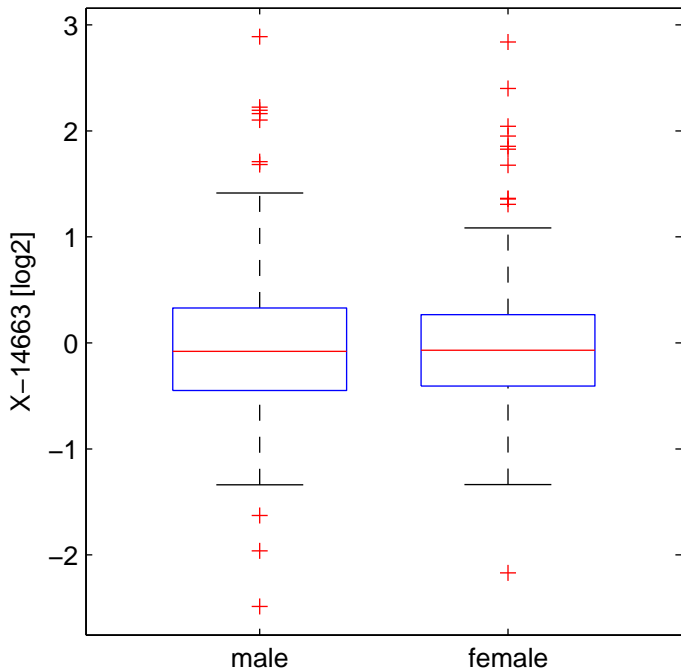
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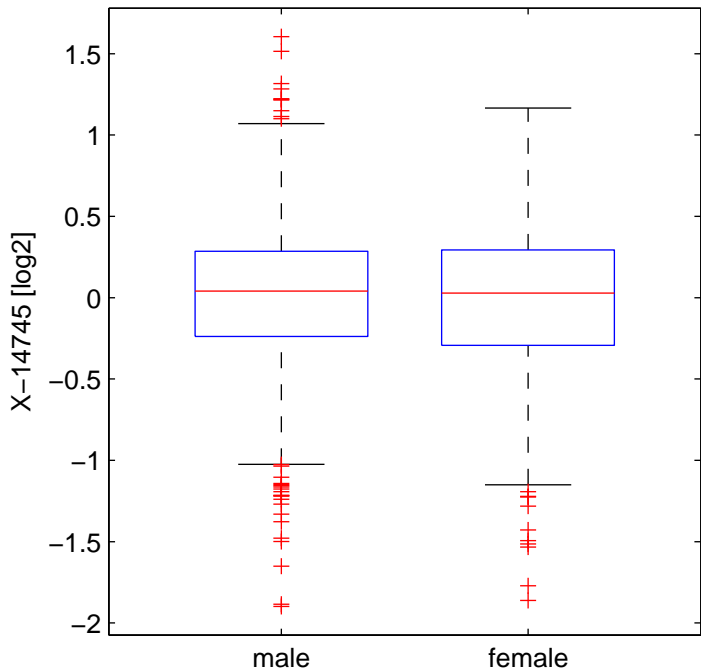
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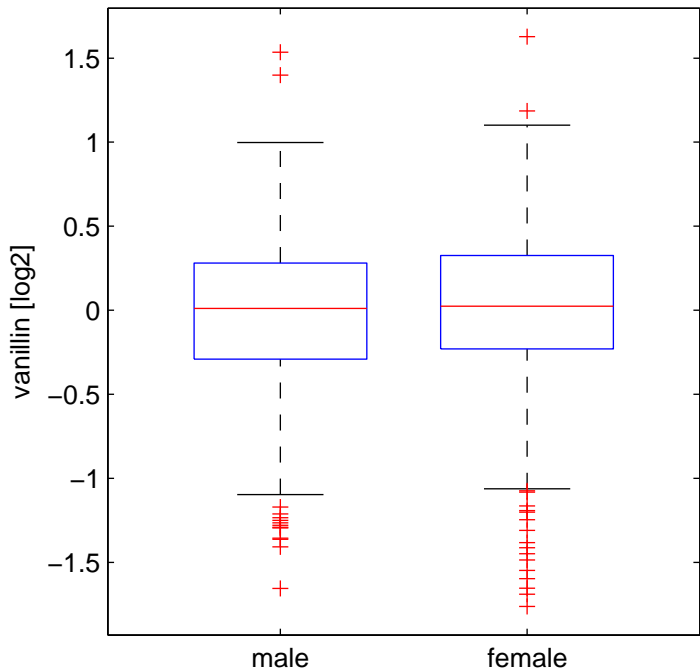
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p-val: 6.01e-001

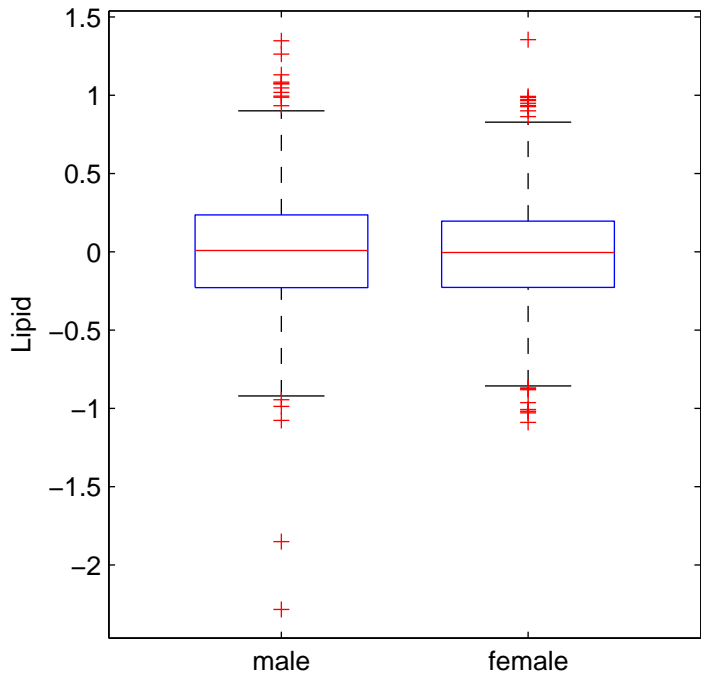


p-val: 5.59e-002

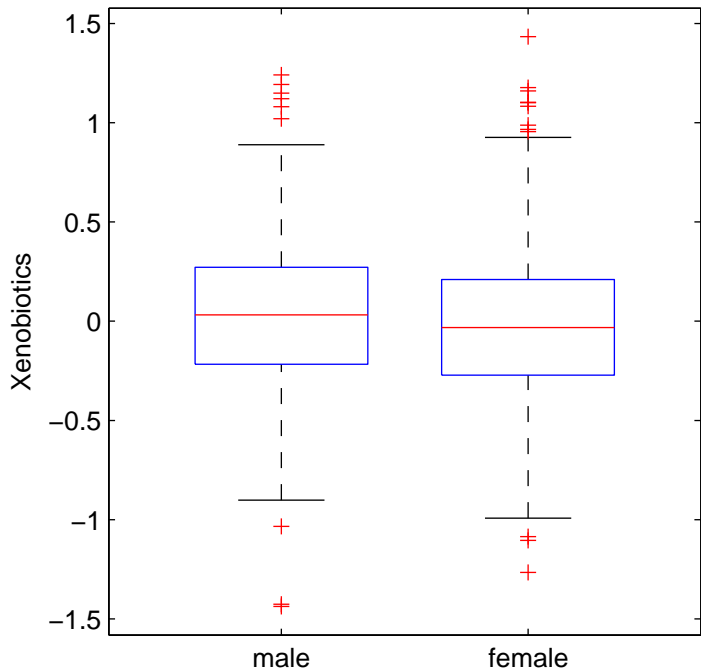


KORA pathway boxplots

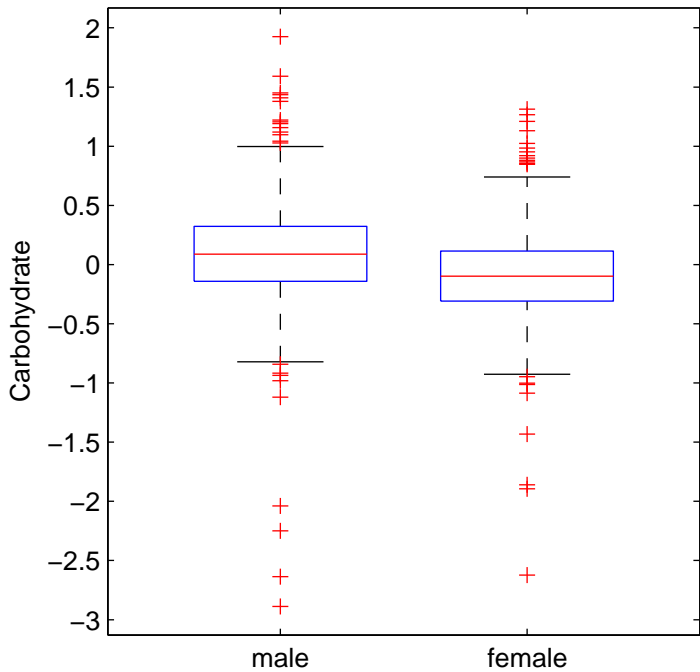
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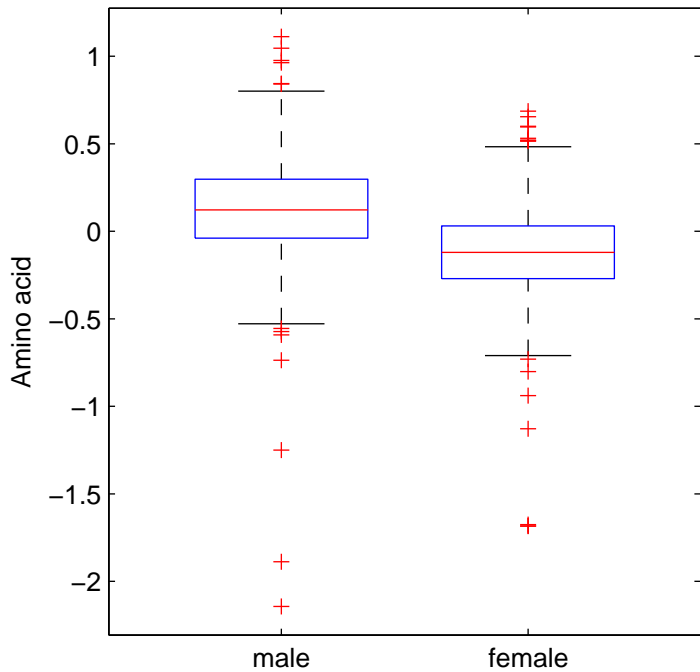
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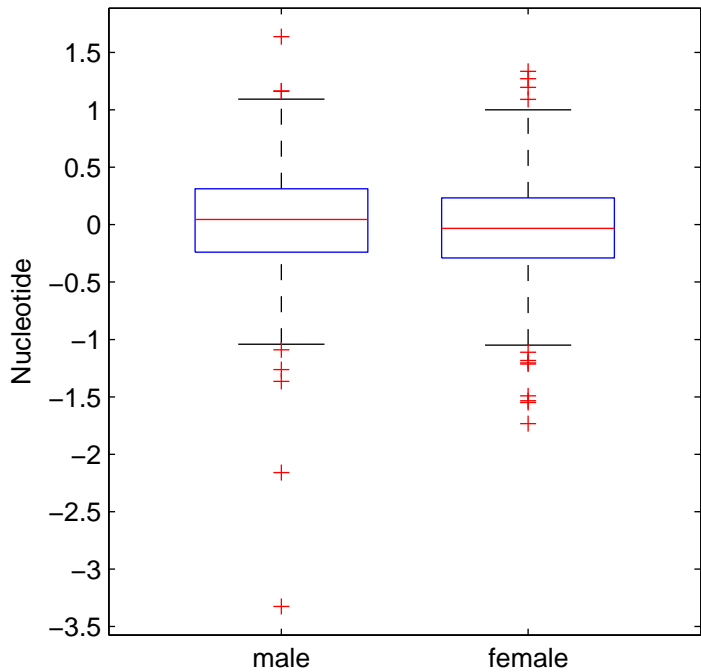
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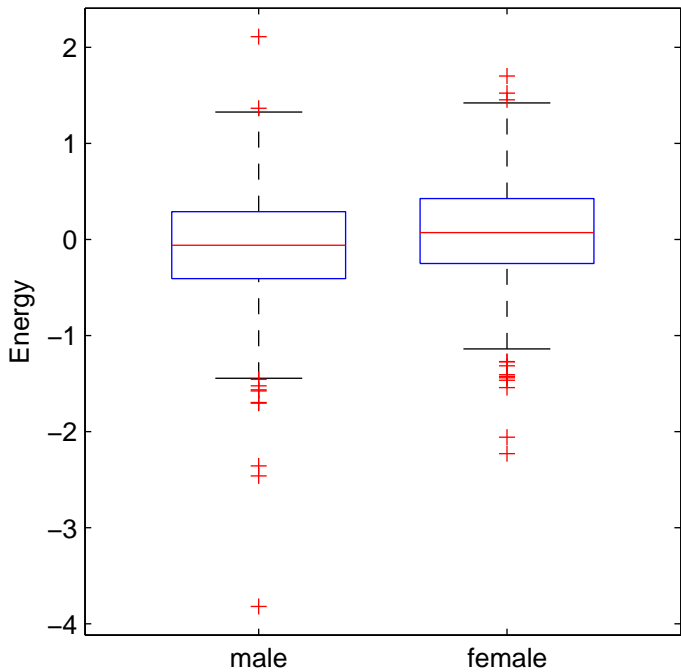
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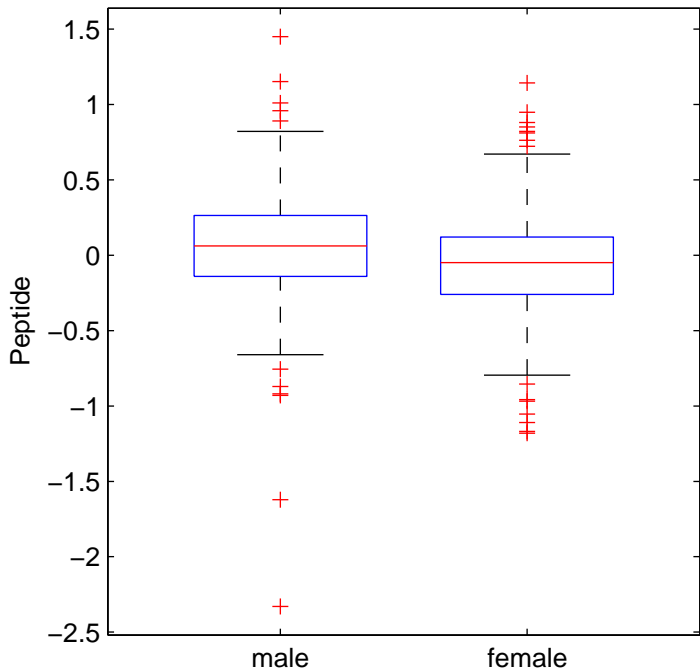
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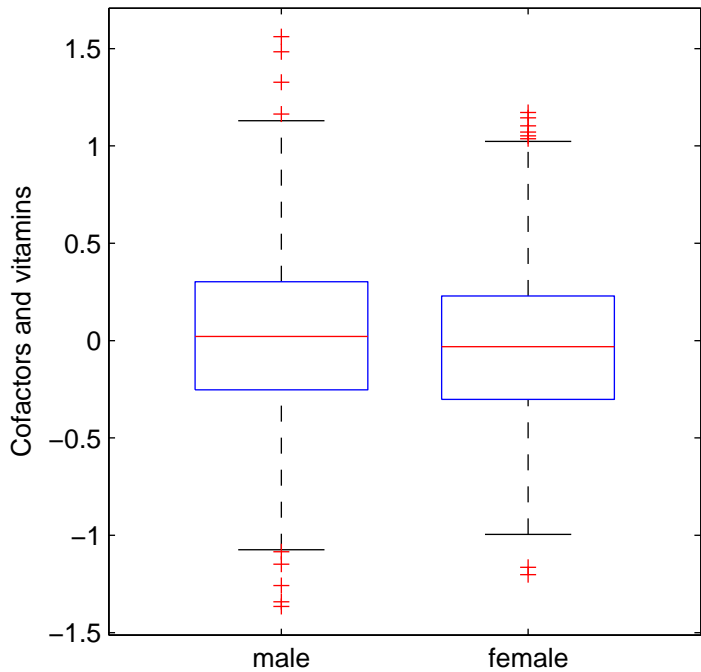
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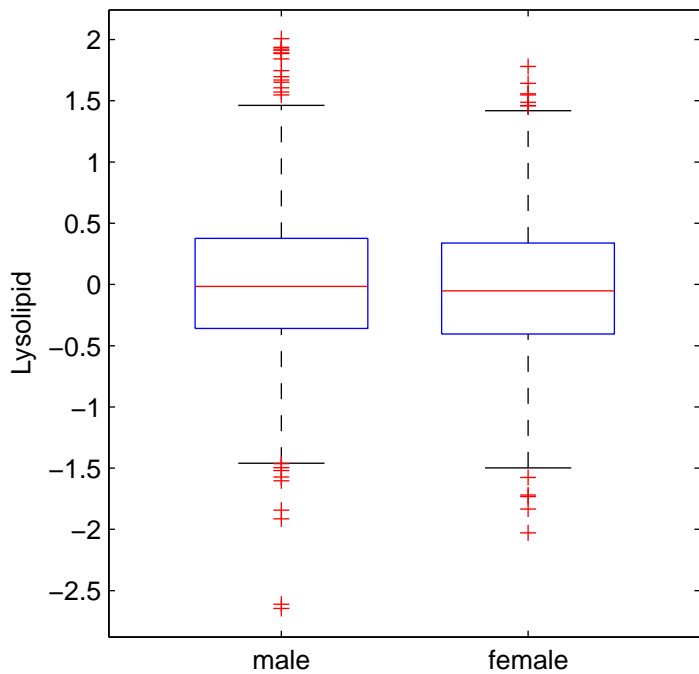
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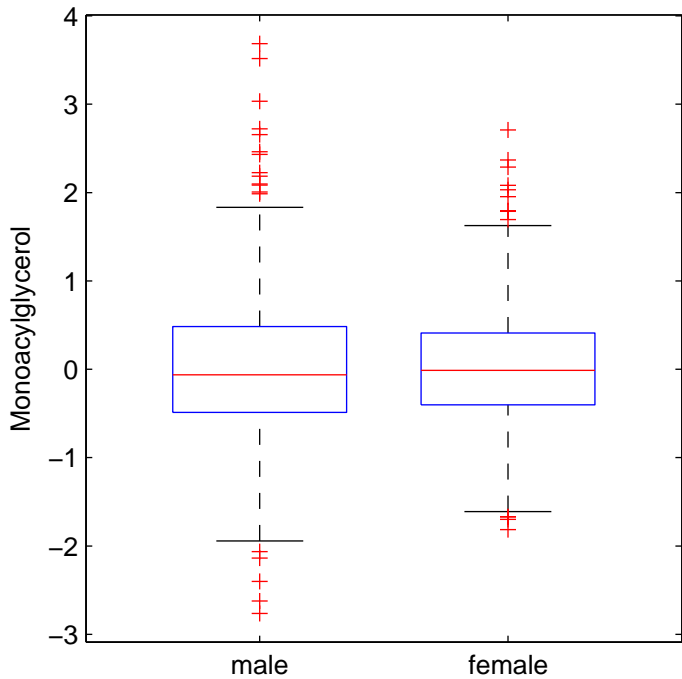
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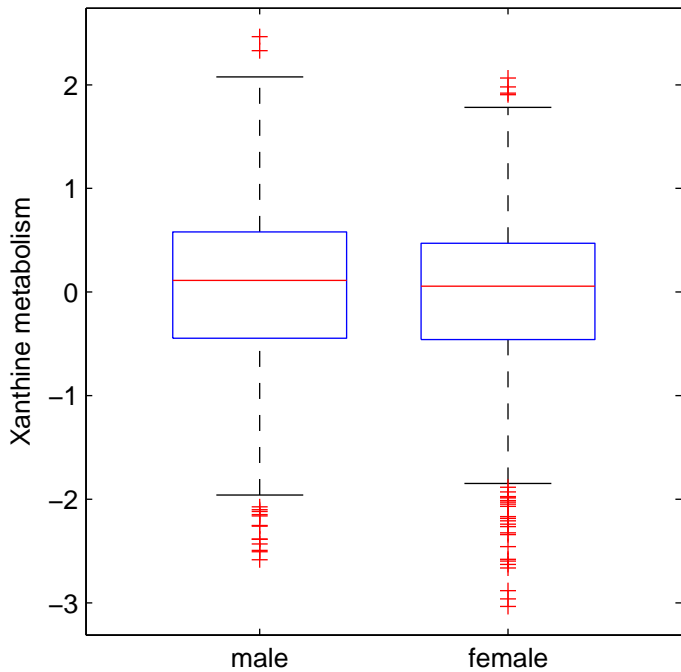
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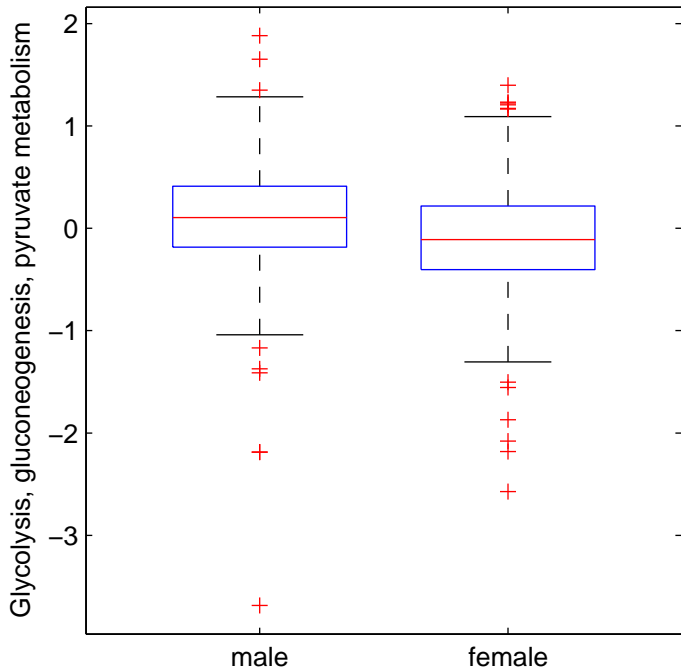
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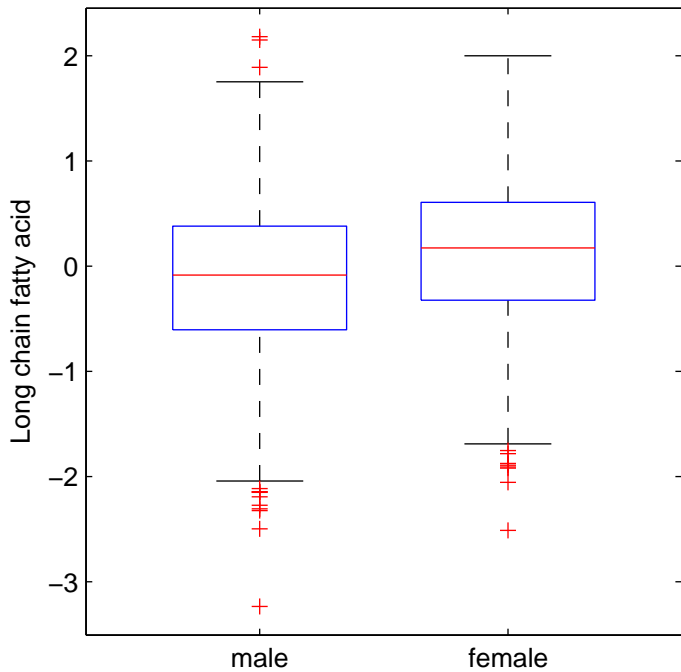
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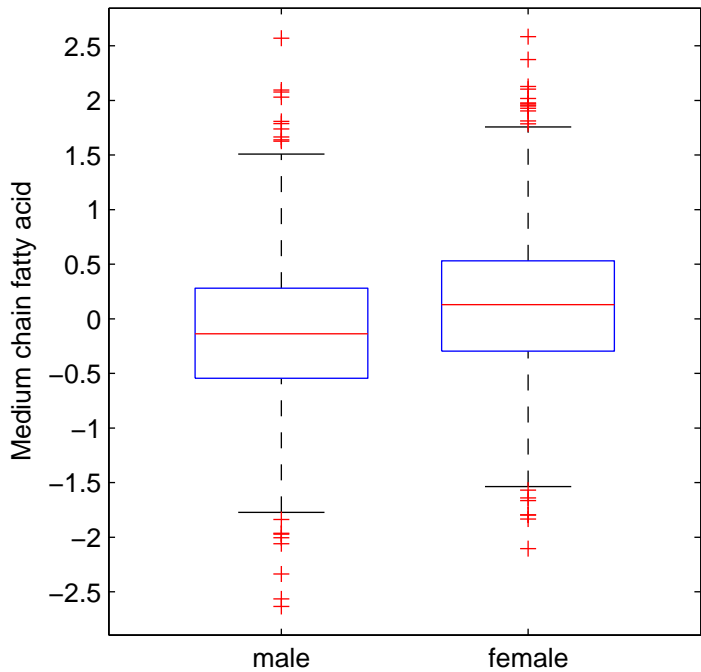
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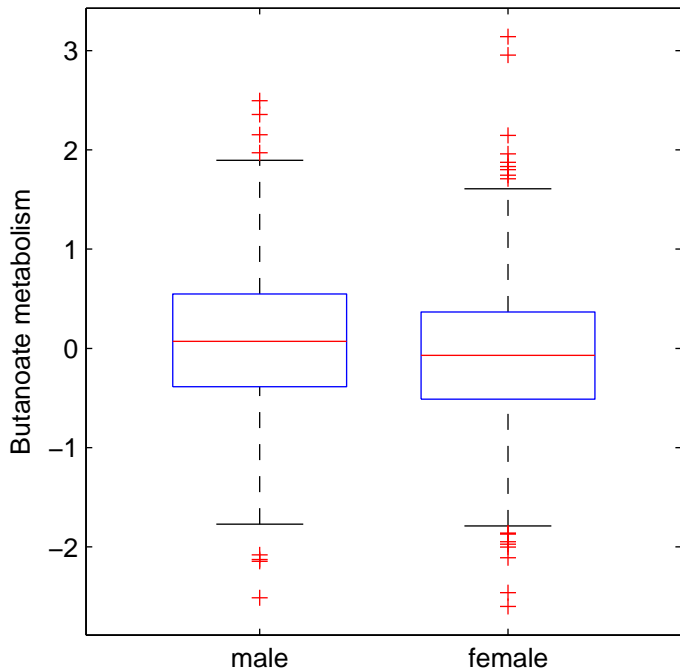
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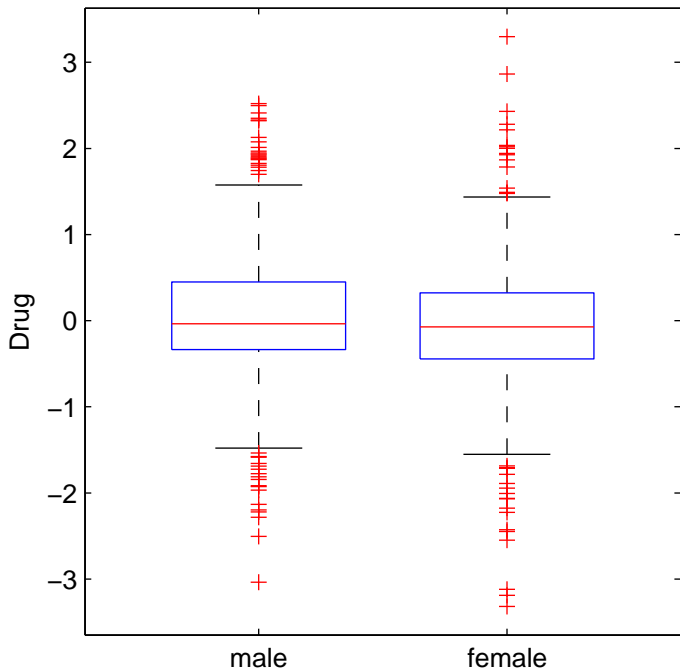
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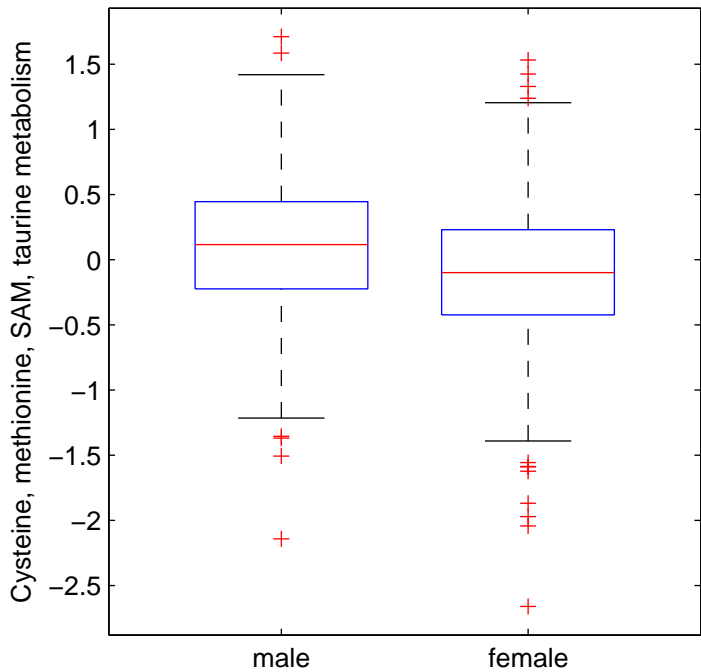
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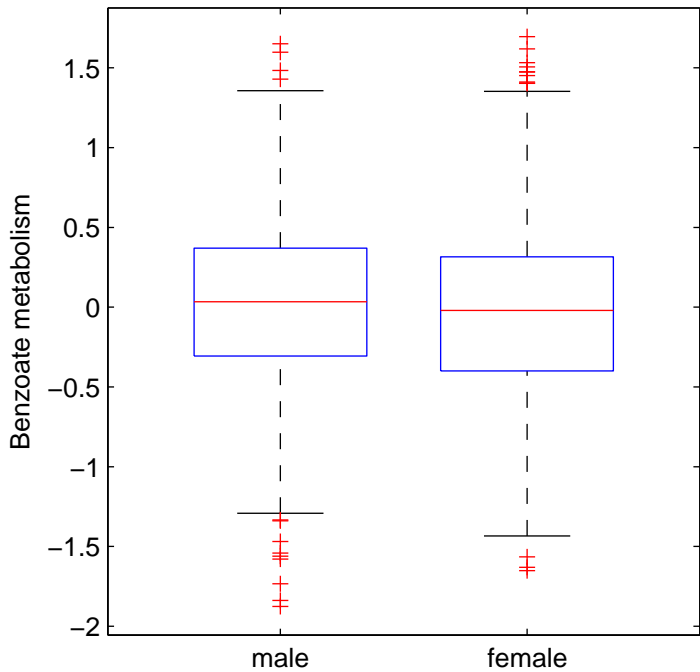
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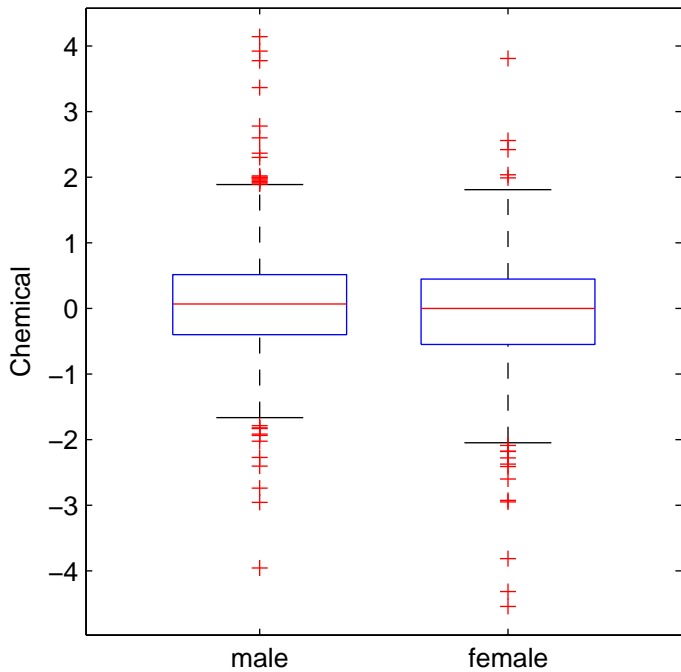
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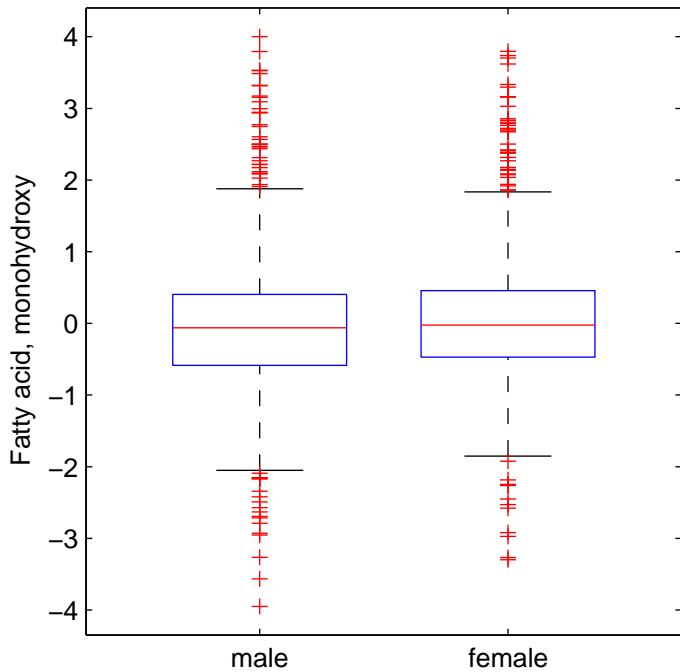
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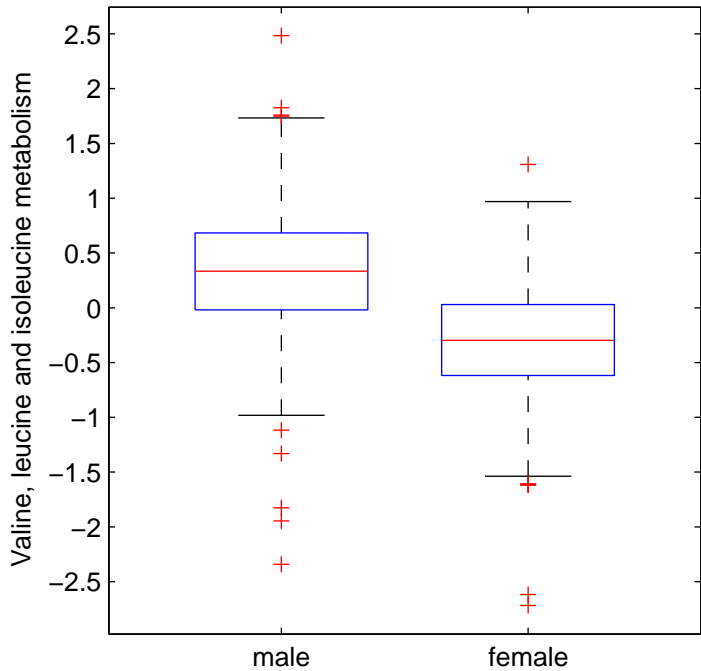
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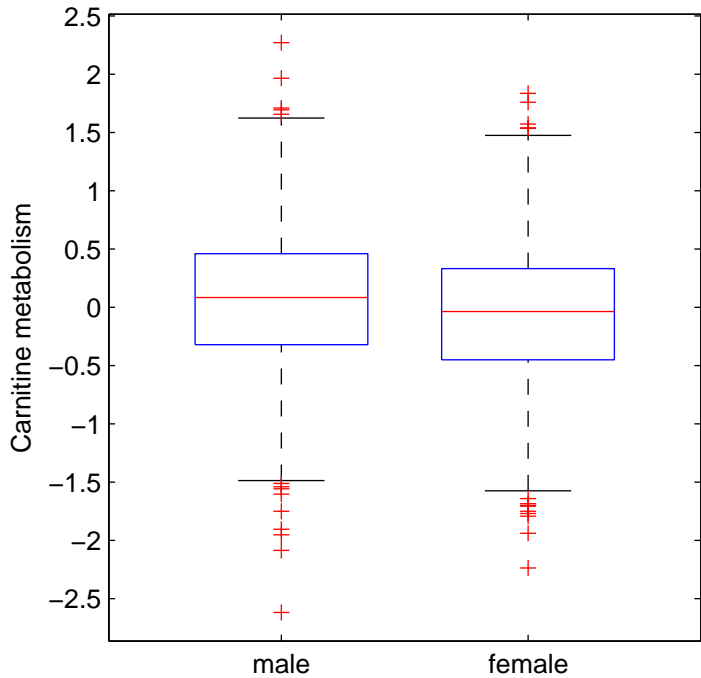
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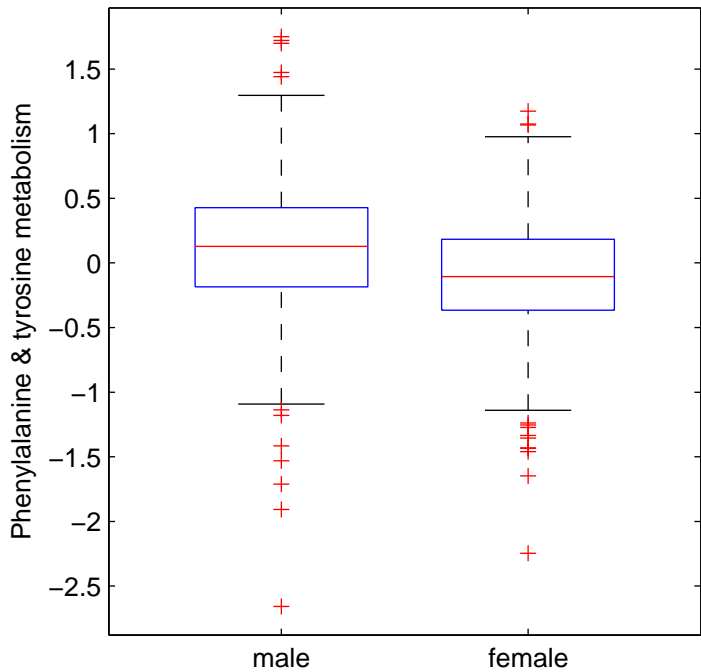
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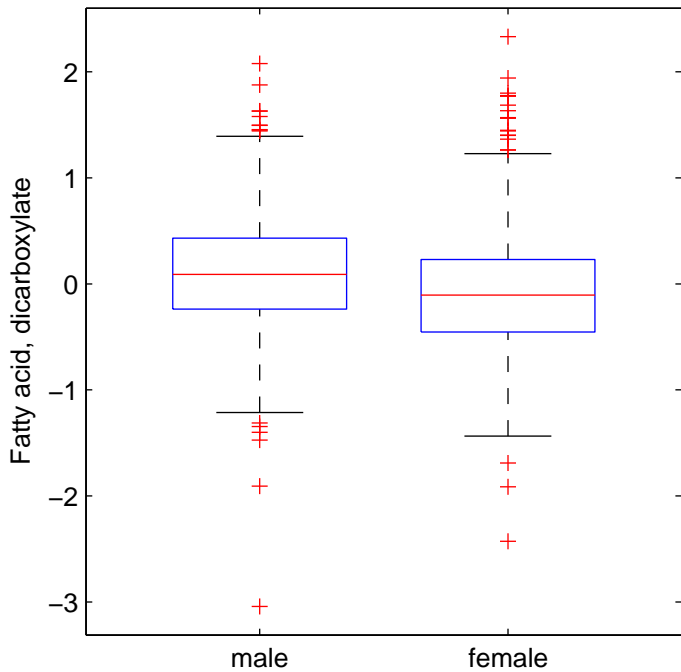
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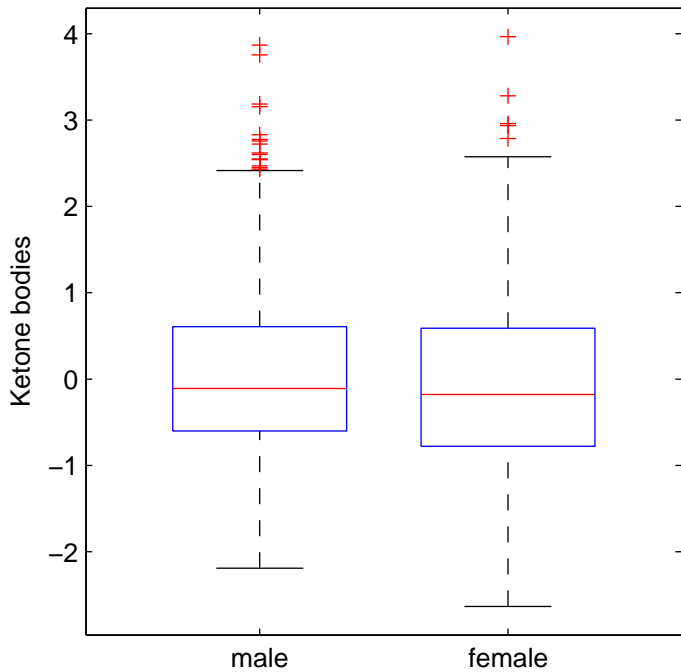
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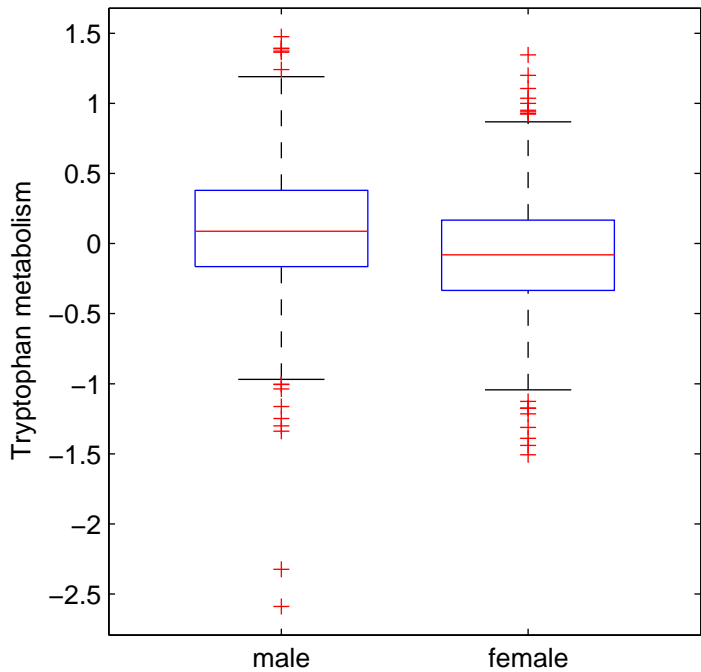
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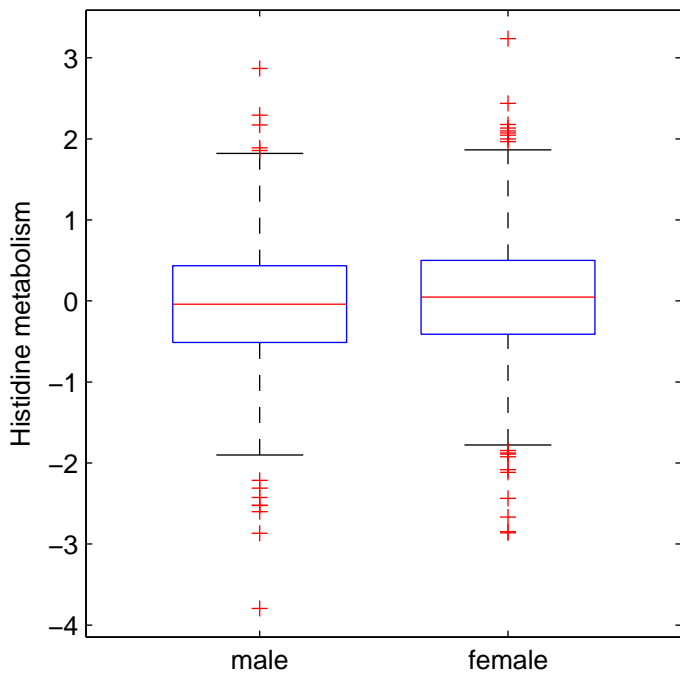
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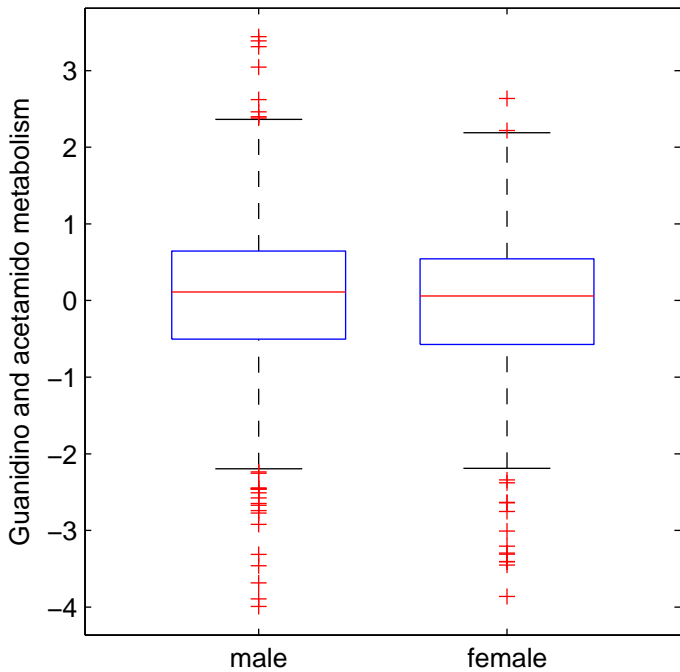
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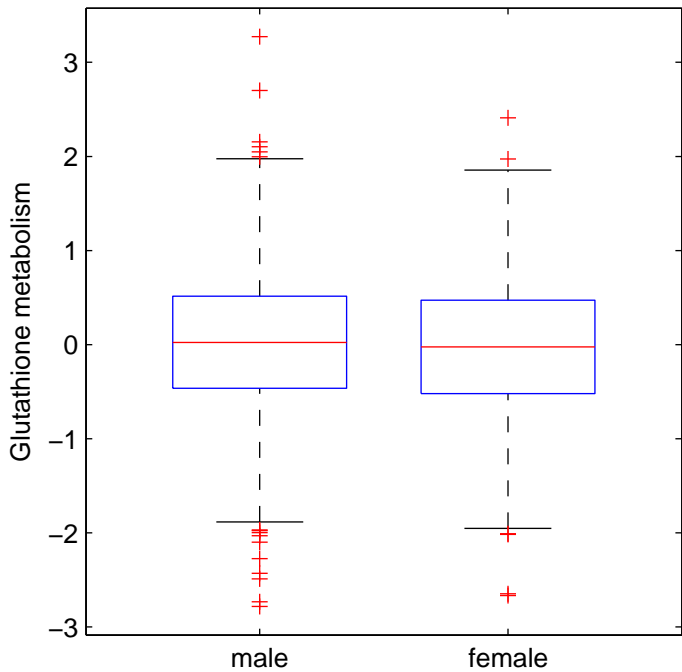
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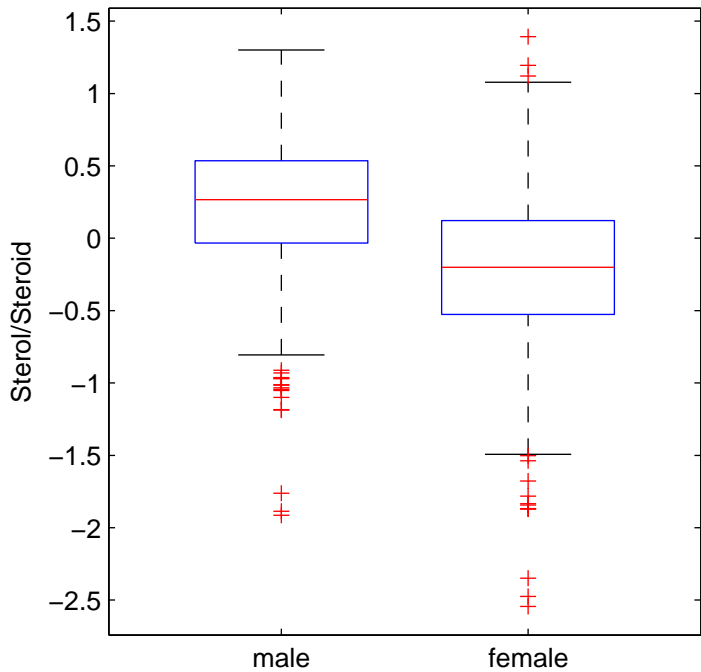
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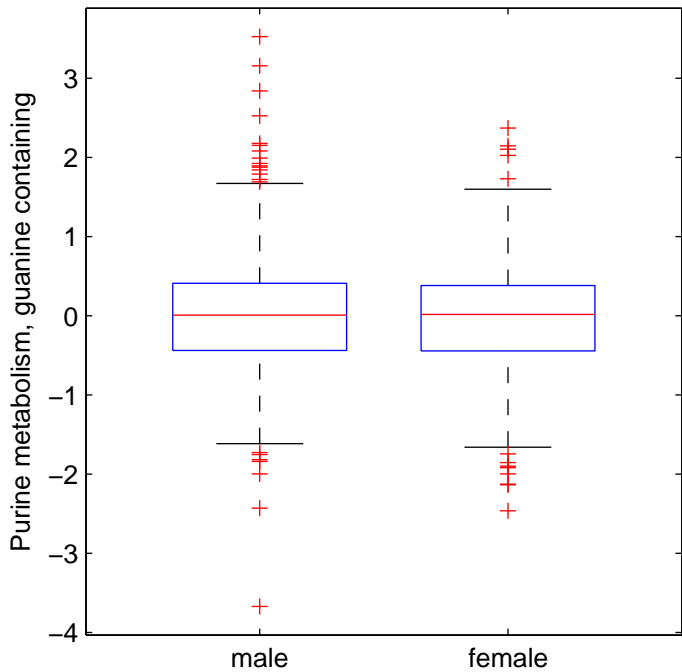
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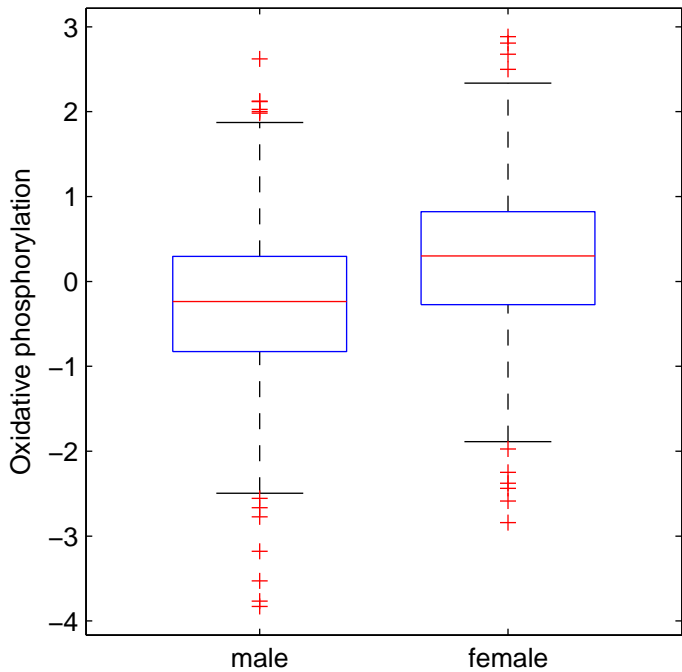
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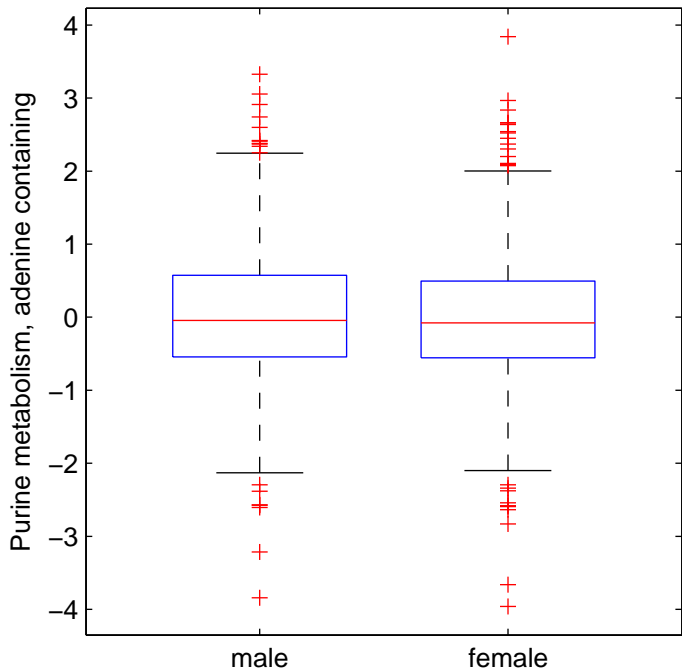
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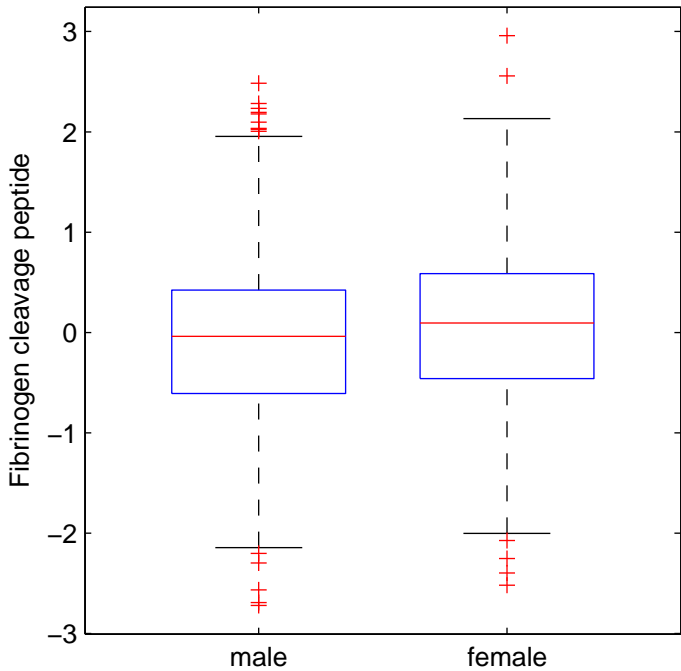
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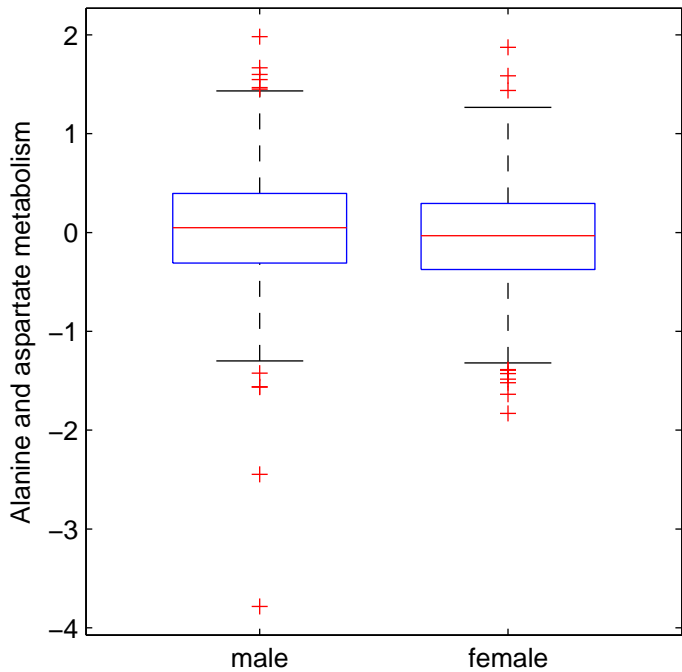
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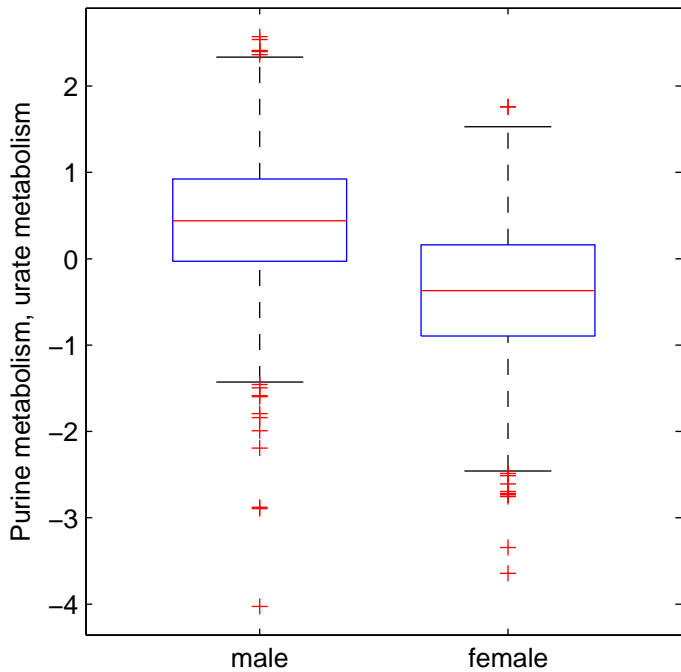
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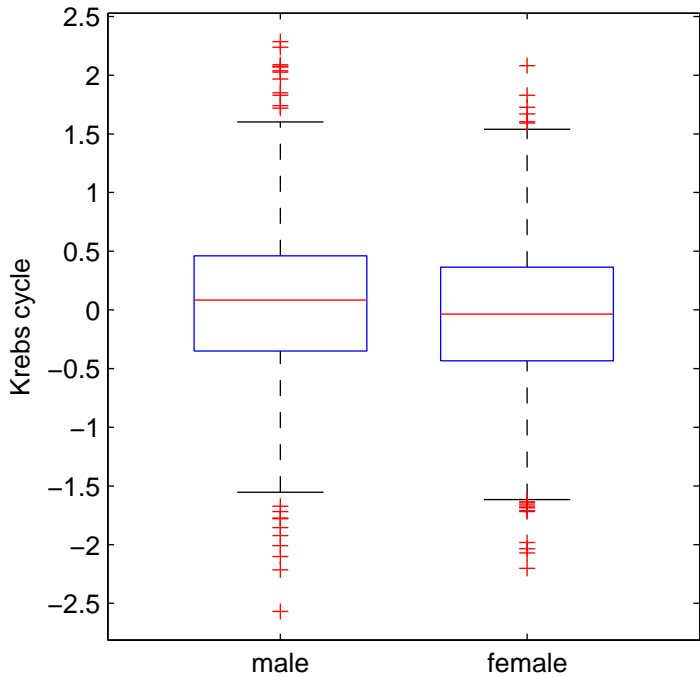
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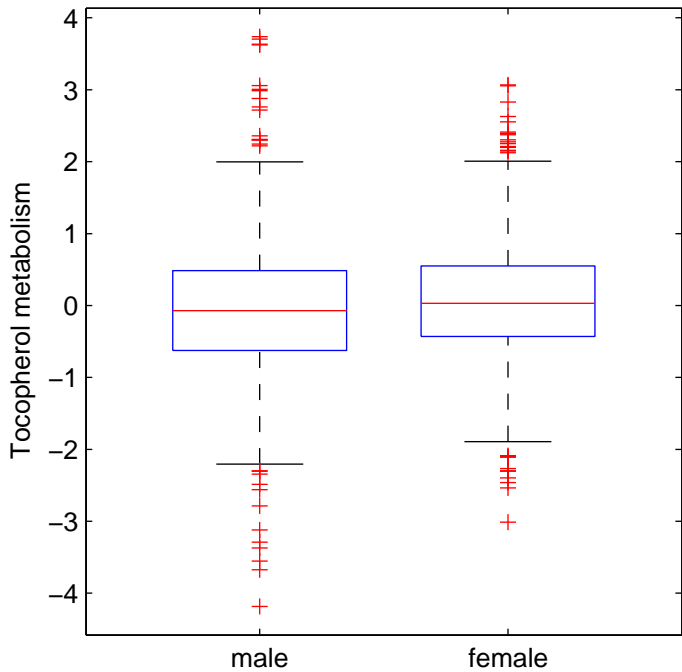
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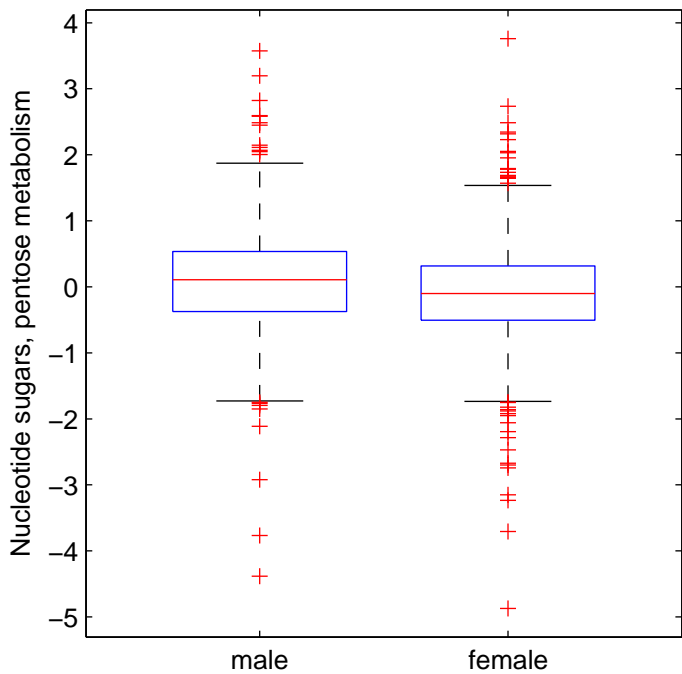
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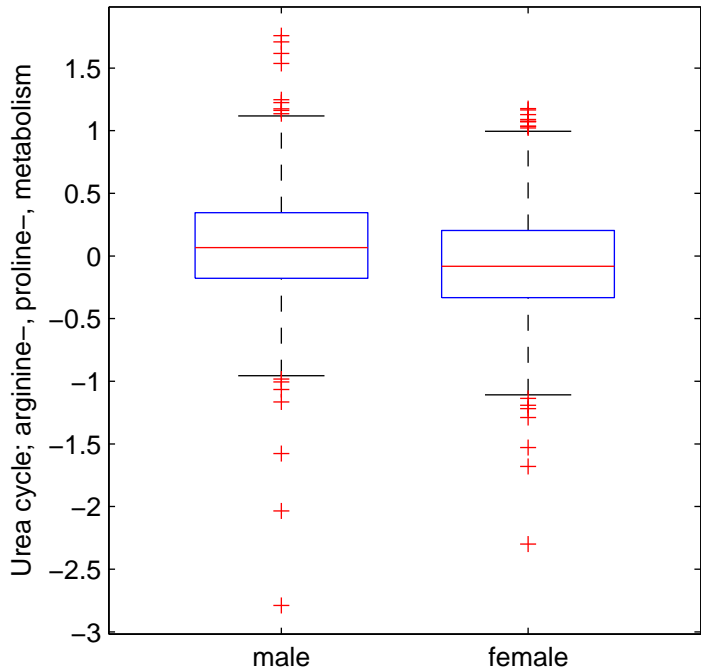
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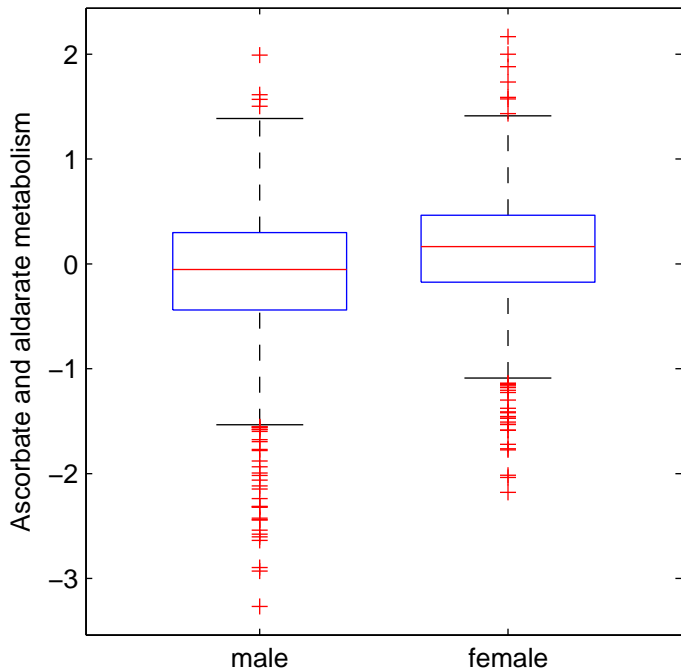
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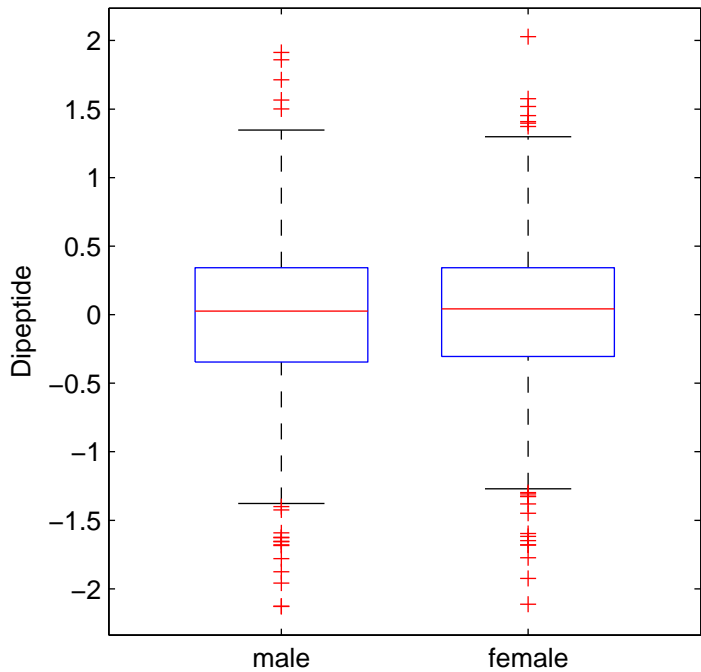
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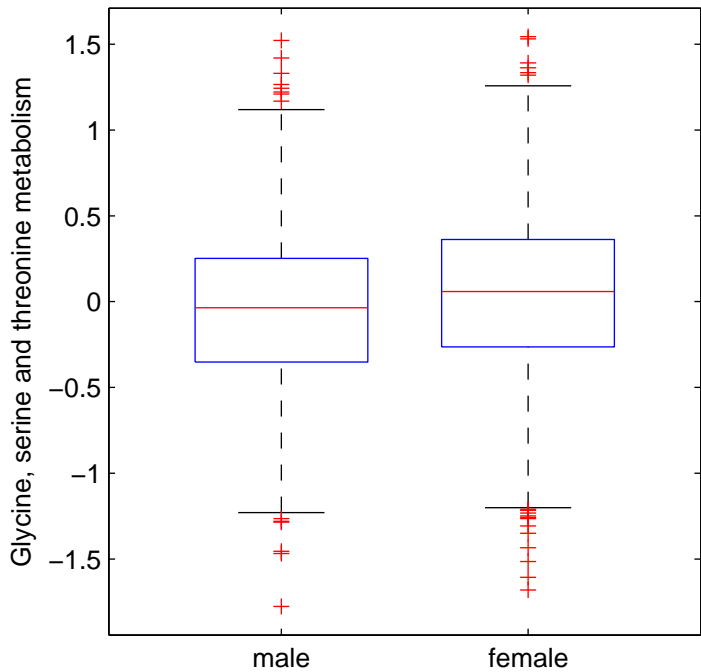
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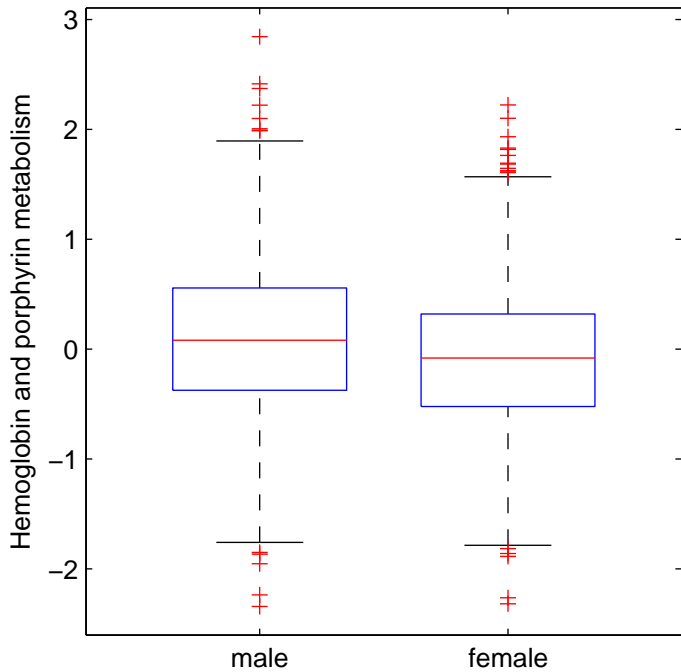
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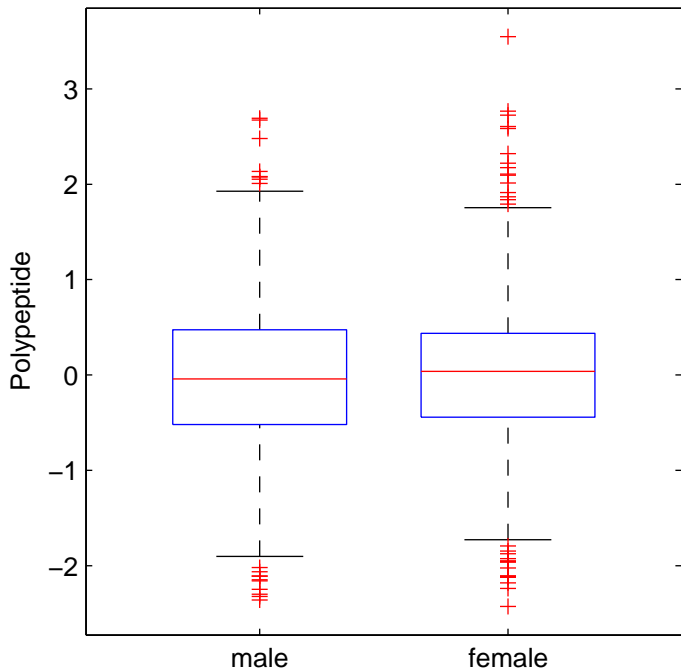
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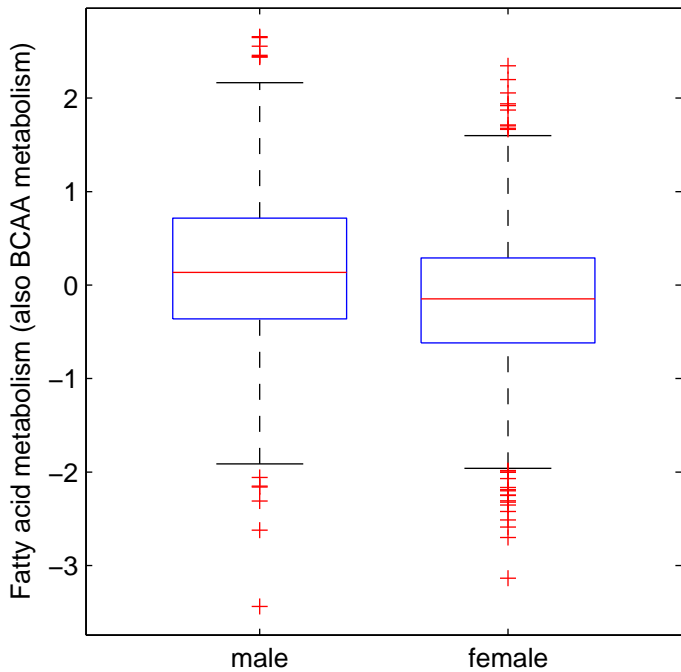
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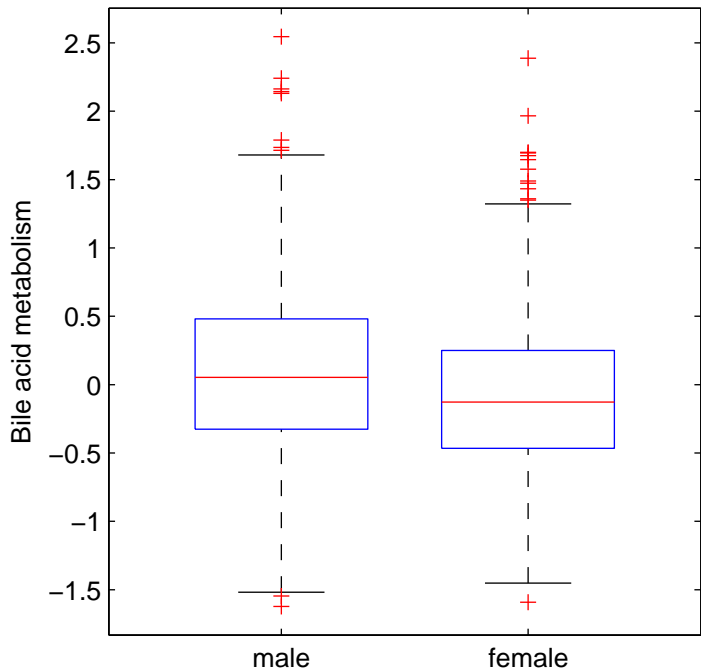
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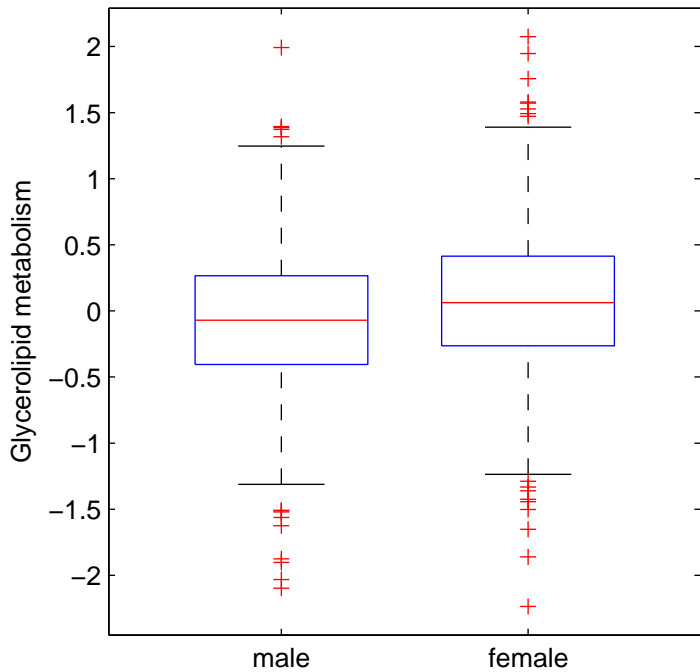
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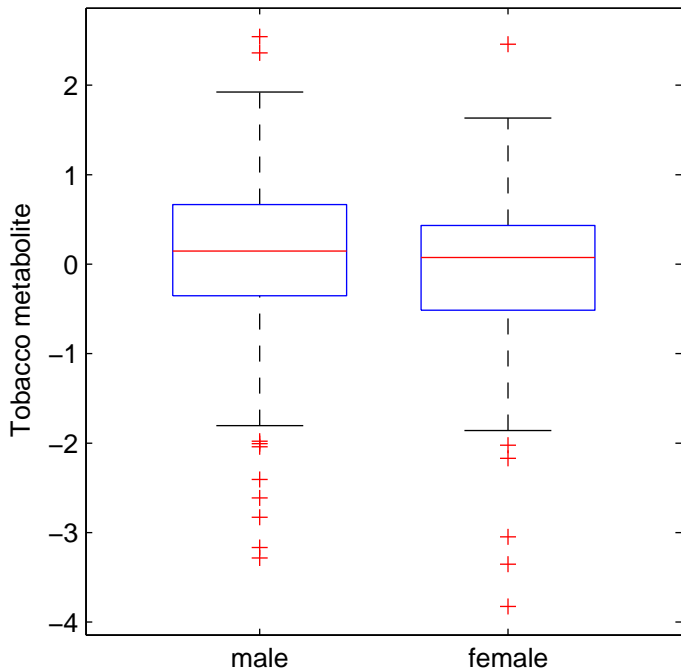
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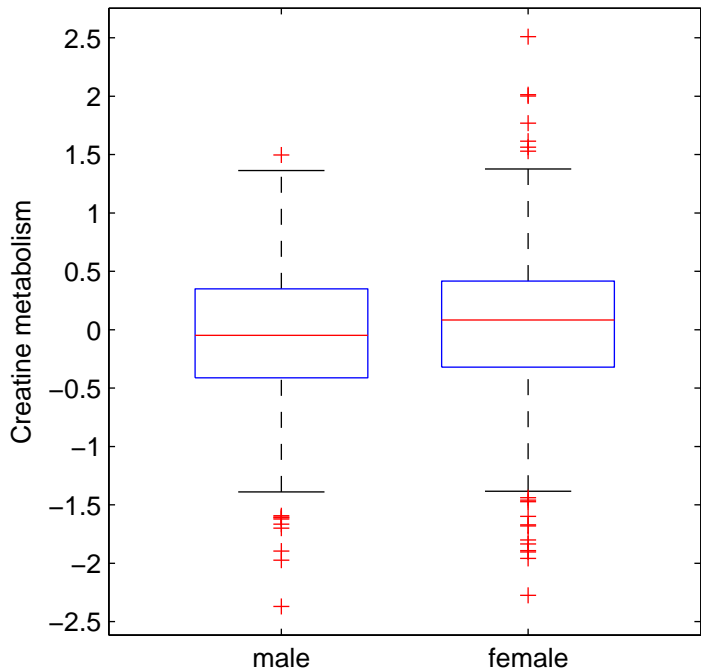
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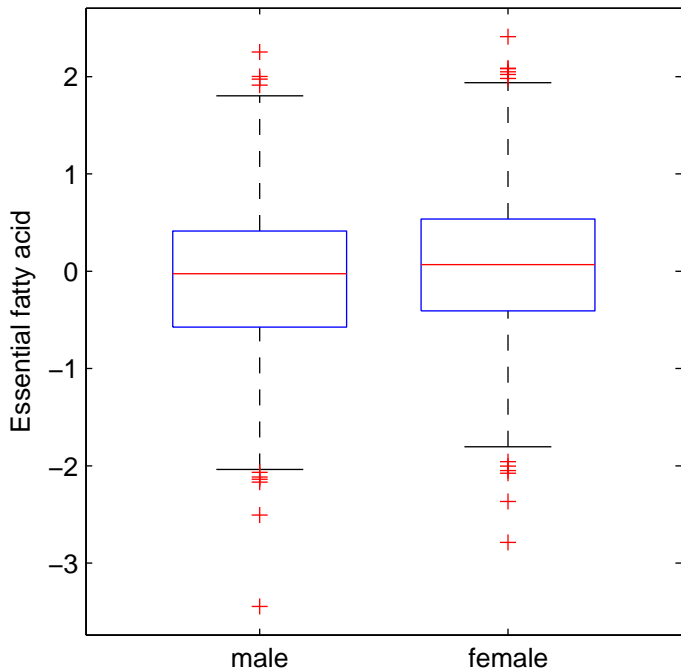
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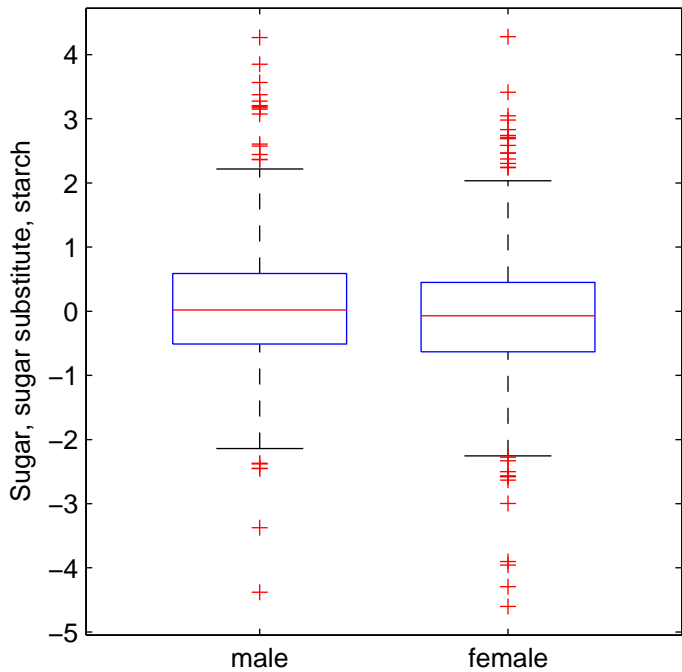
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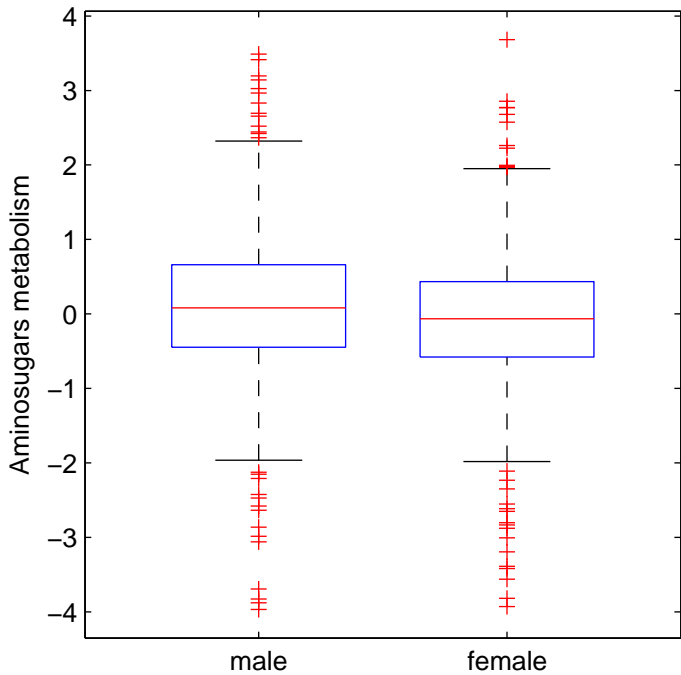
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p-val: 1.83e-003

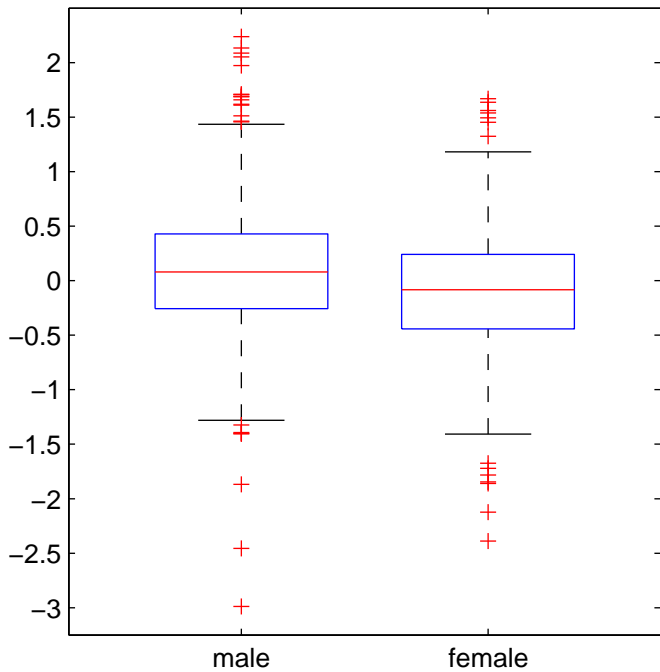


p-val: 3.48e-005

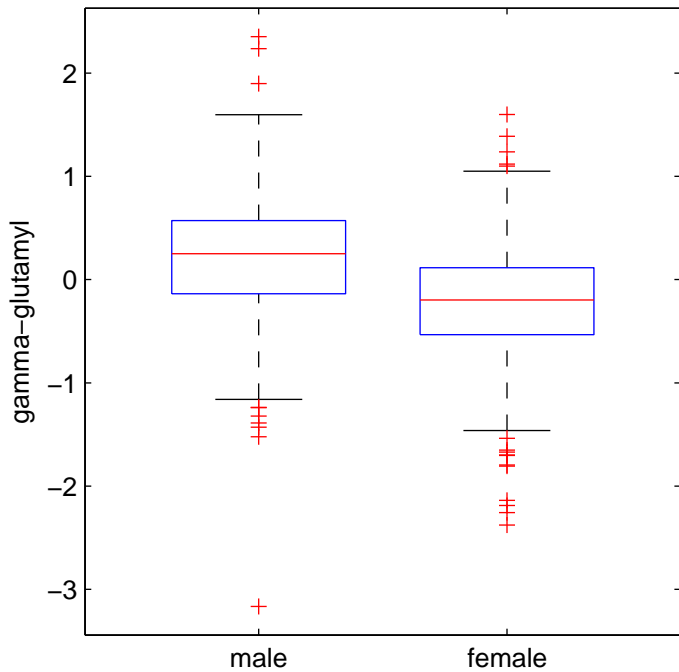


Fructose, mannose, galactose, starch, and sucrose metabolism

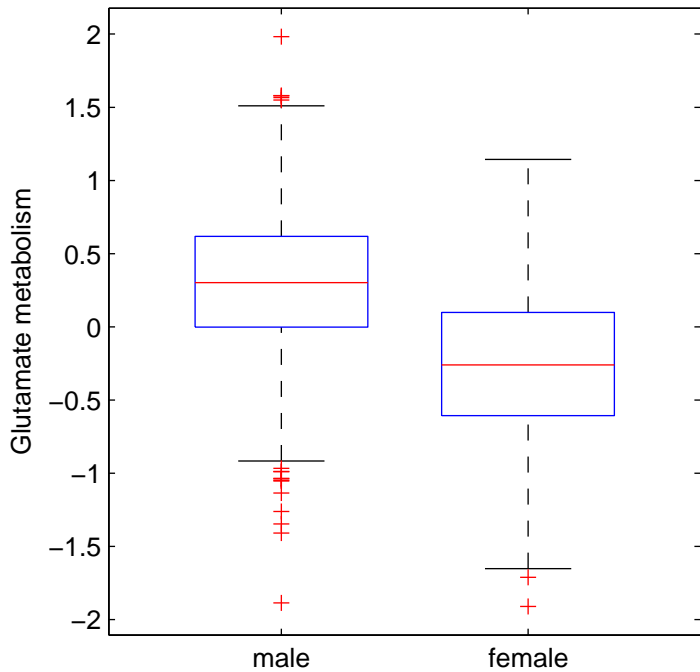
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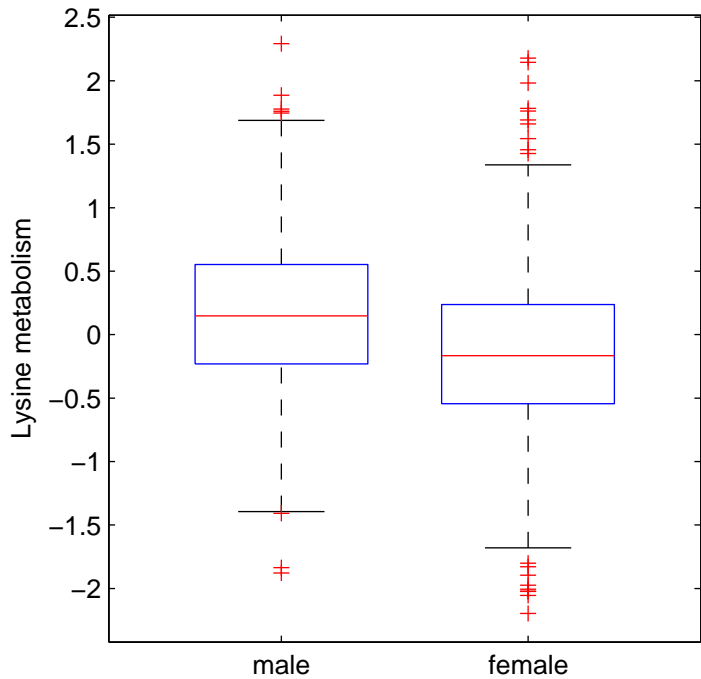
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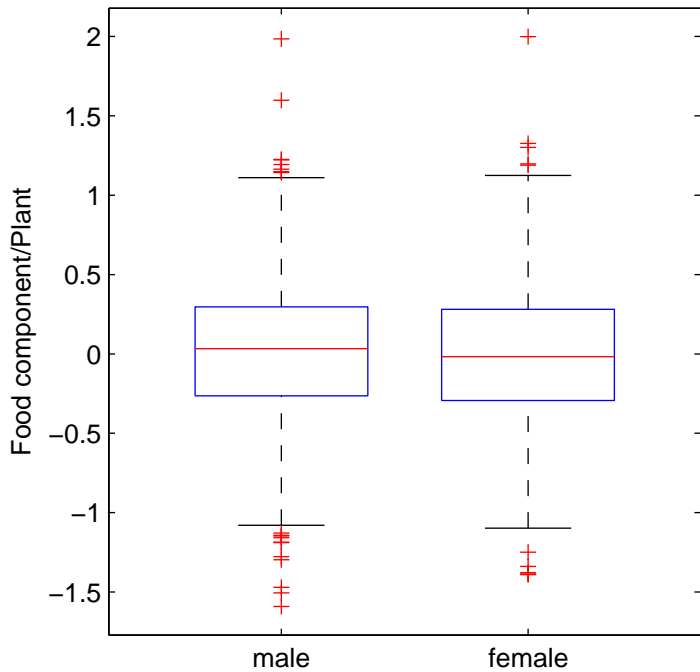
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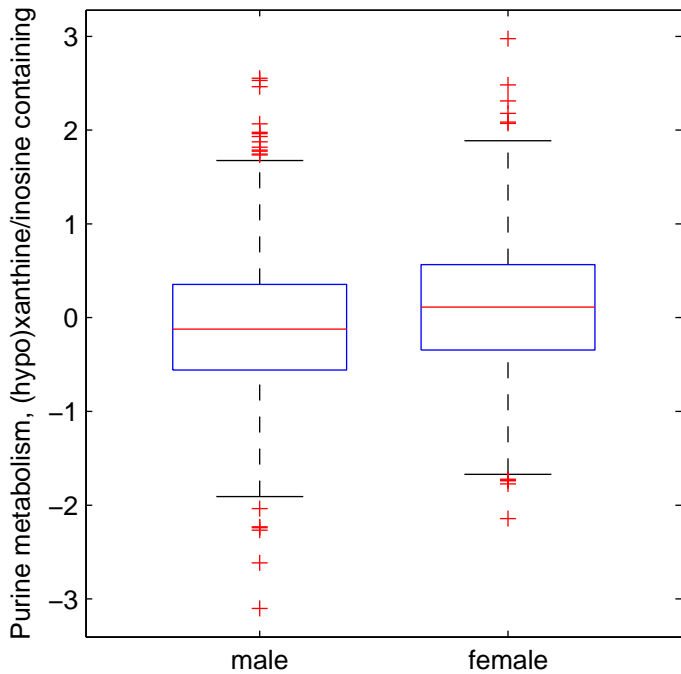
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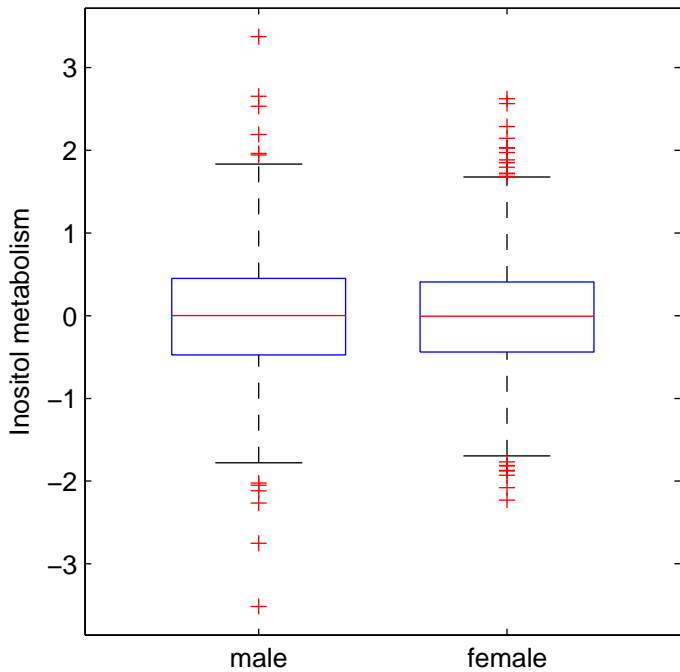
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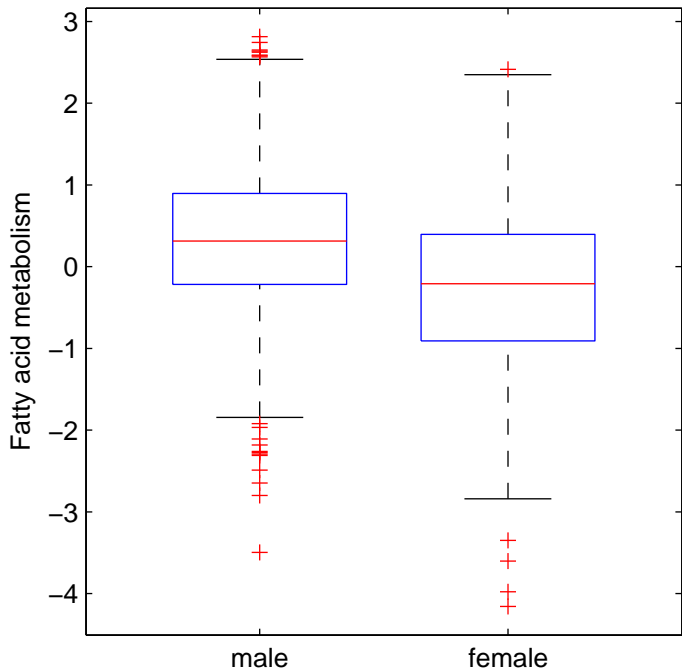
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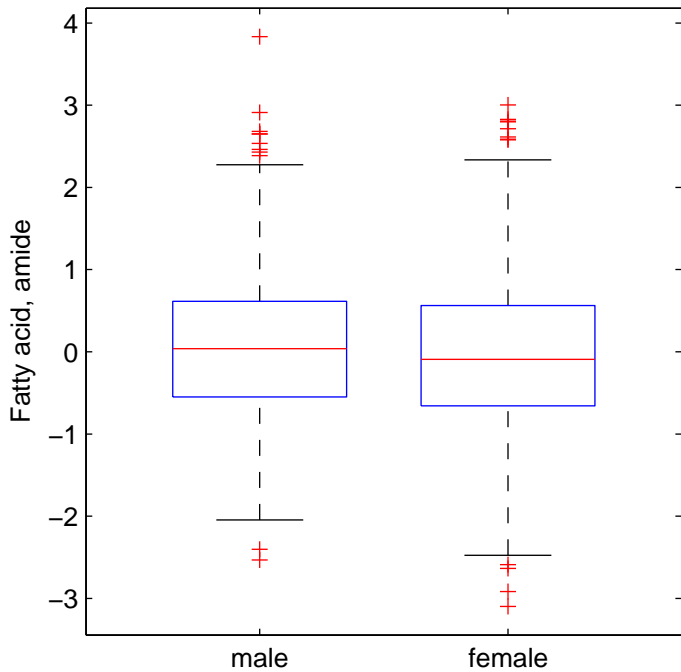
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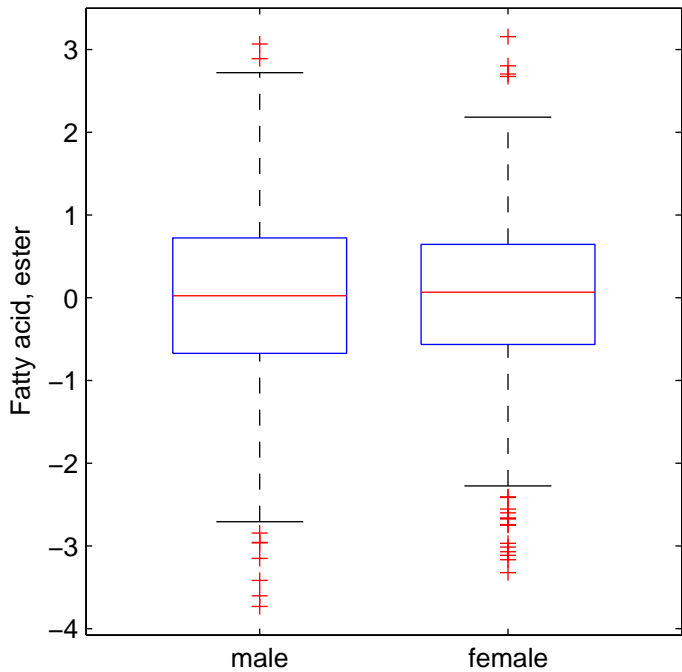
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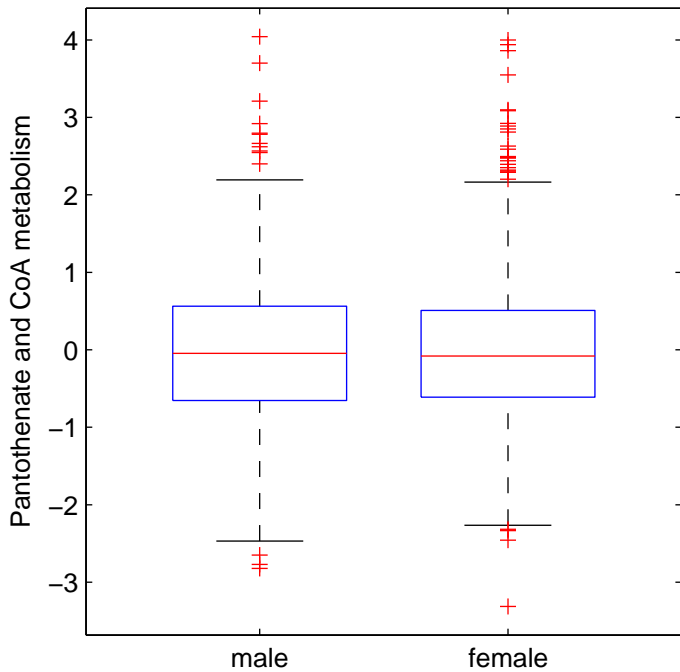
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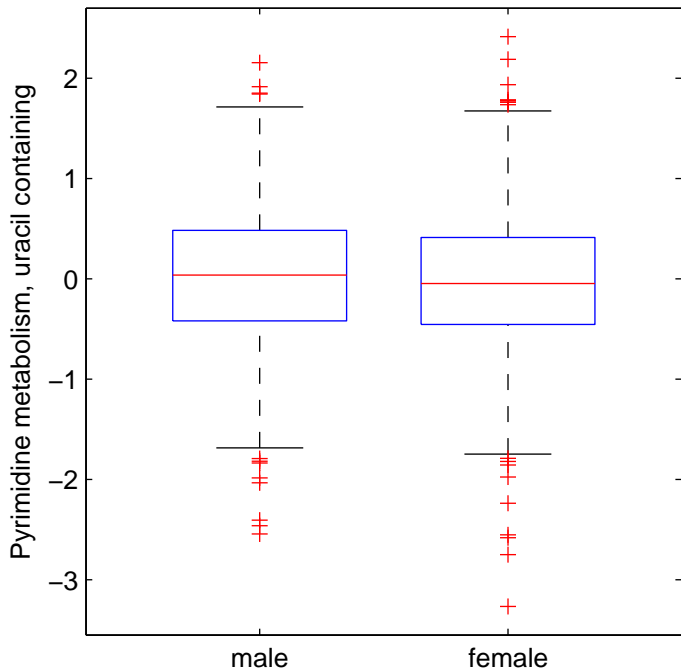
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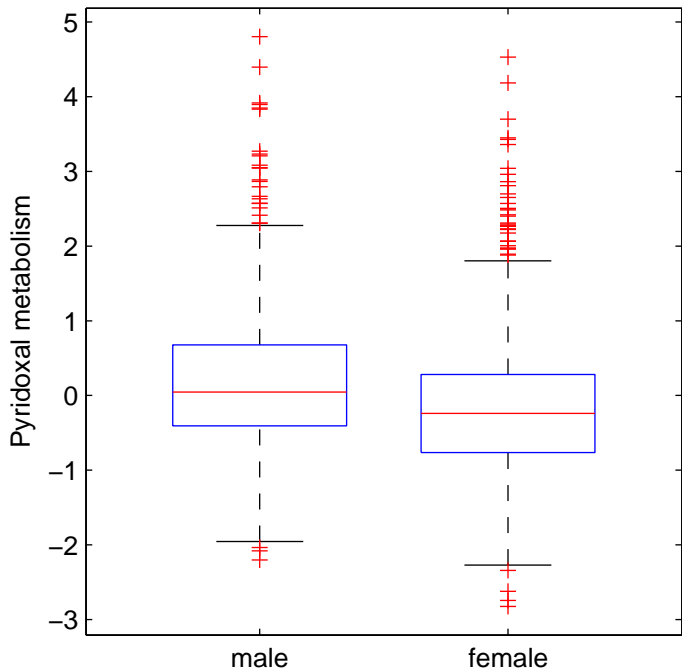
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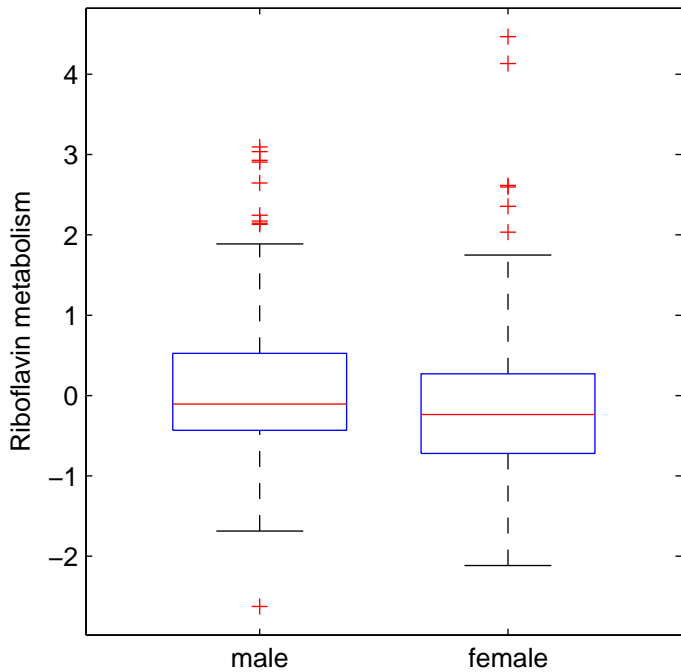
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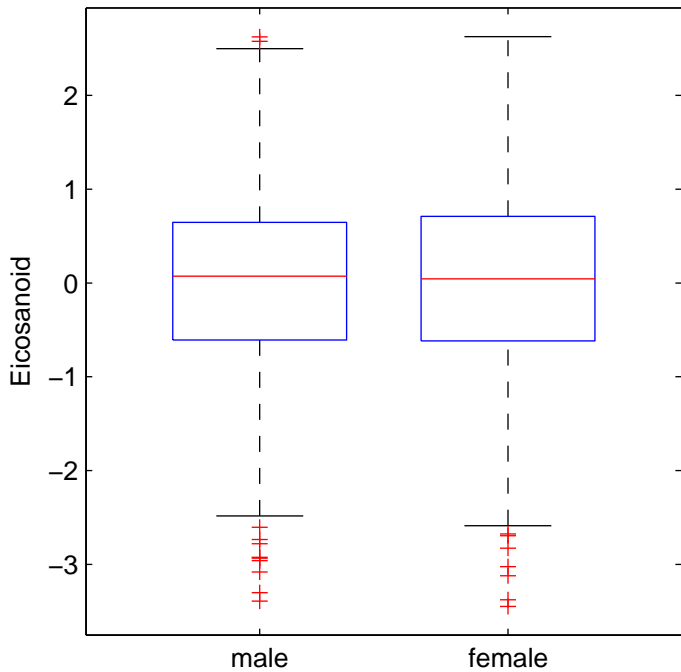
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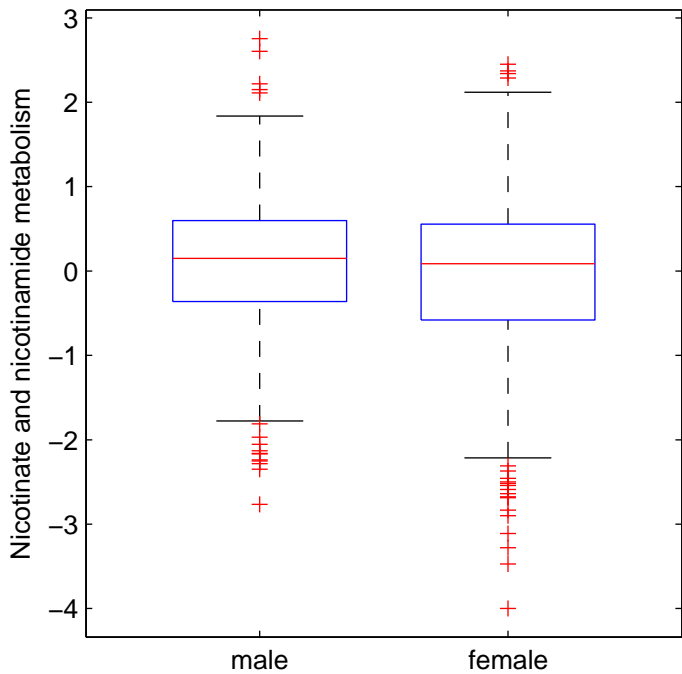
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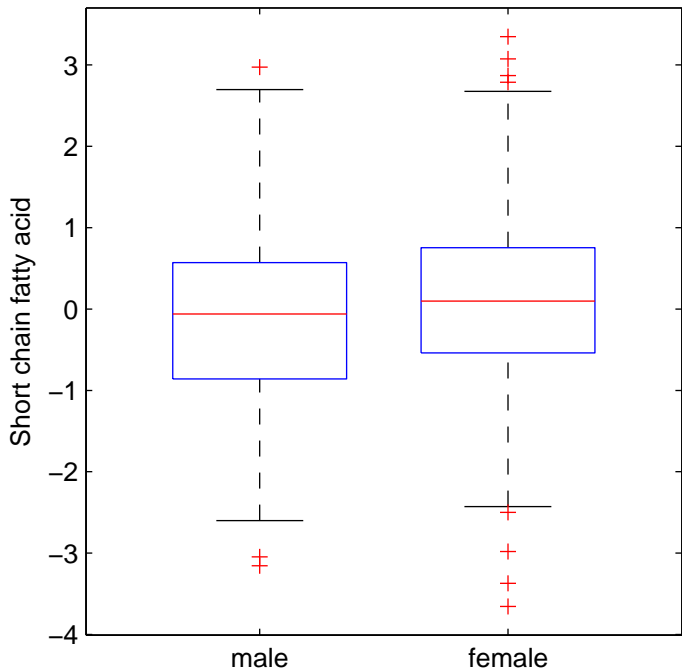
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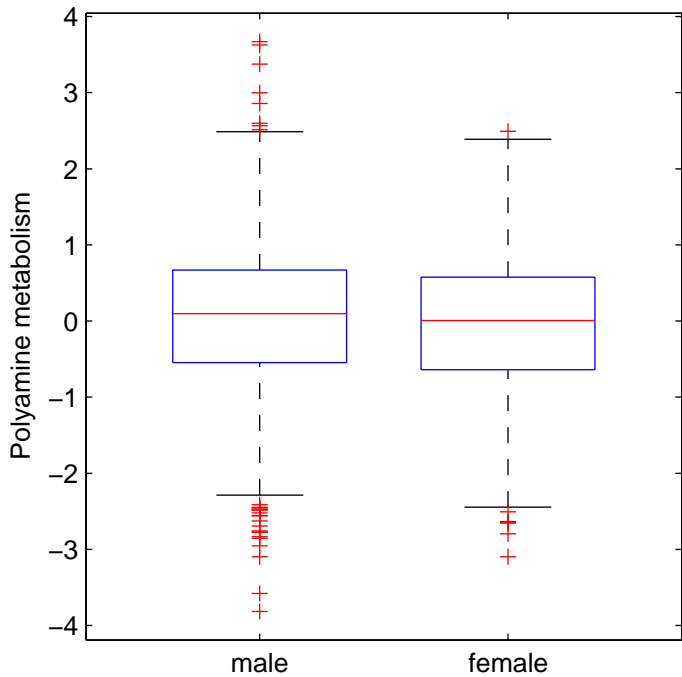
p-val: 8.88e-002



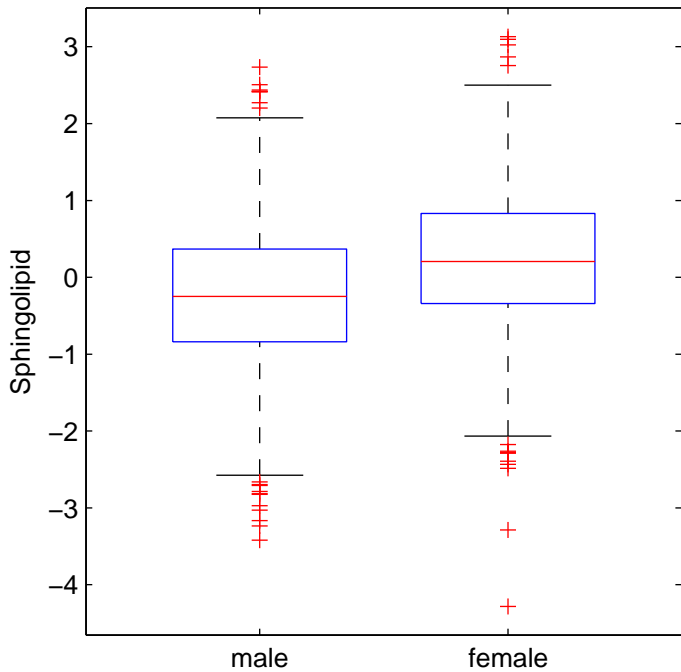
p-val: 3.81e-005



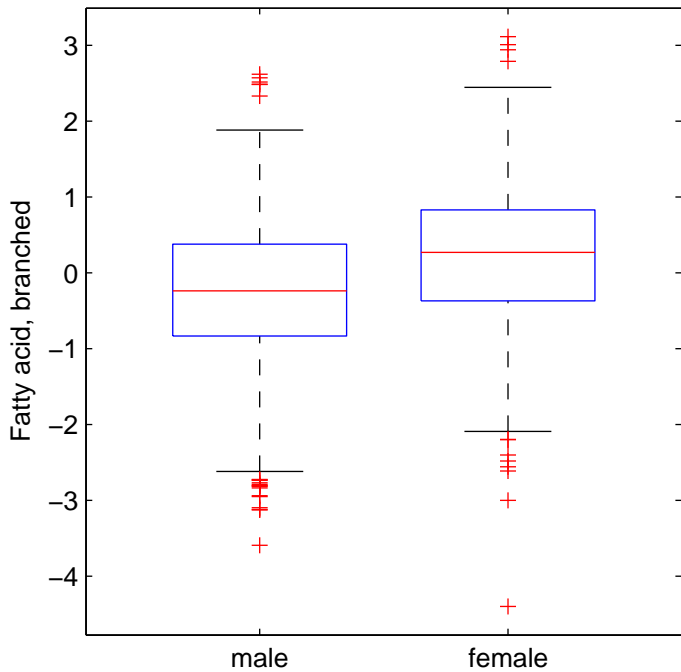
p-val: 3.18e-002



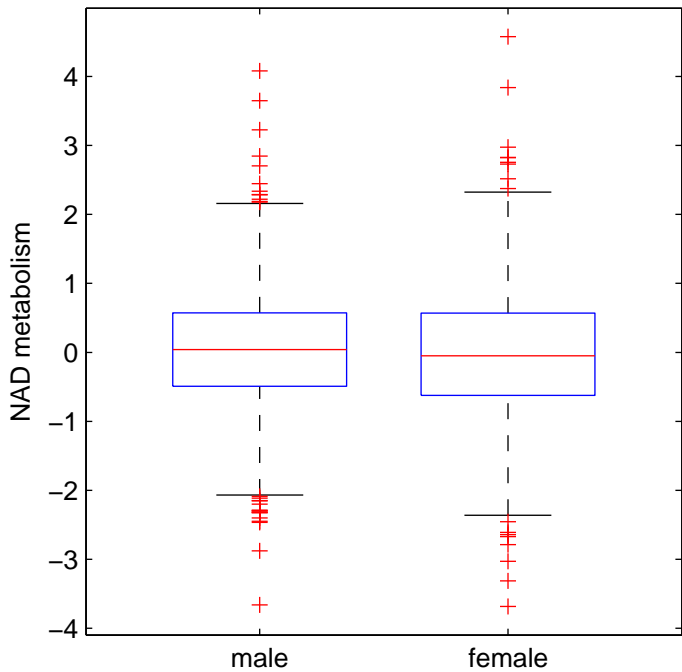
p-val: 6.76e-023



p-val: 2.27e-029

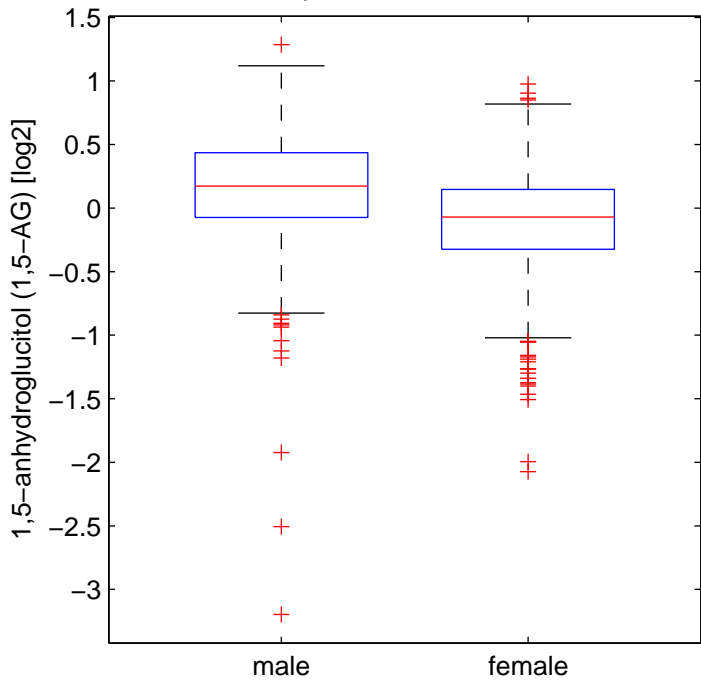


p-val: 8.40e-002

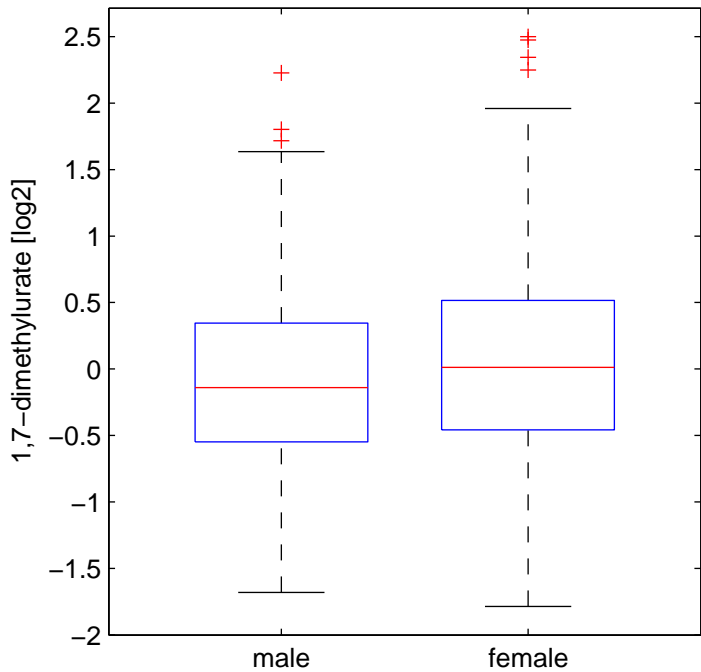


SHIP metabolite boxplots

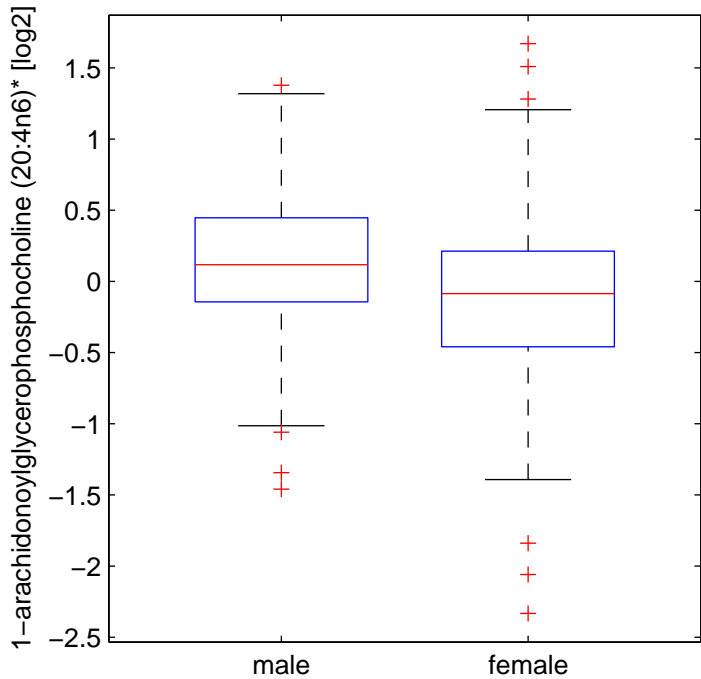
p-val: 1.87e-020



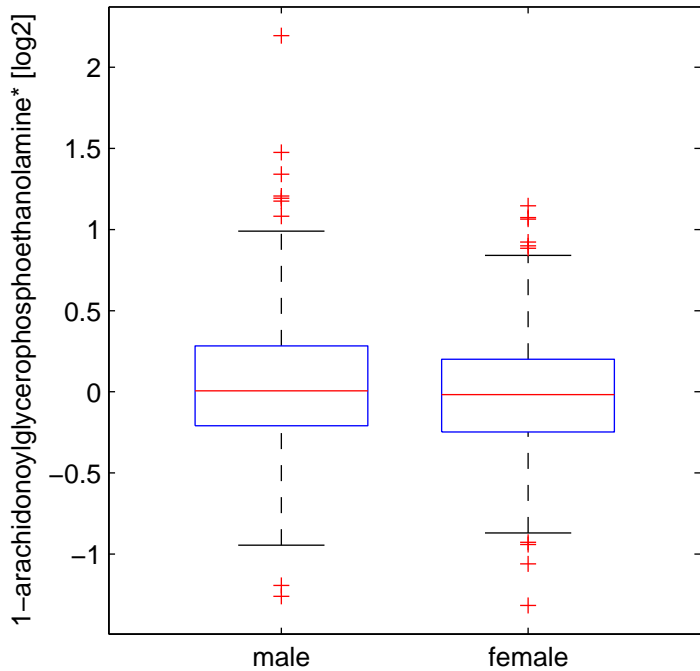
p-val: 3.21e-002



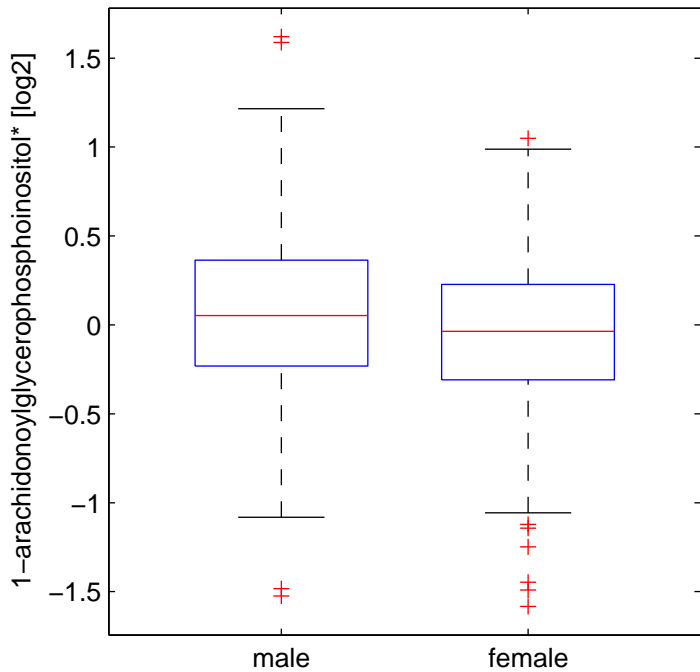
p-val: 6.96e-016



p-val: 1.17e-002

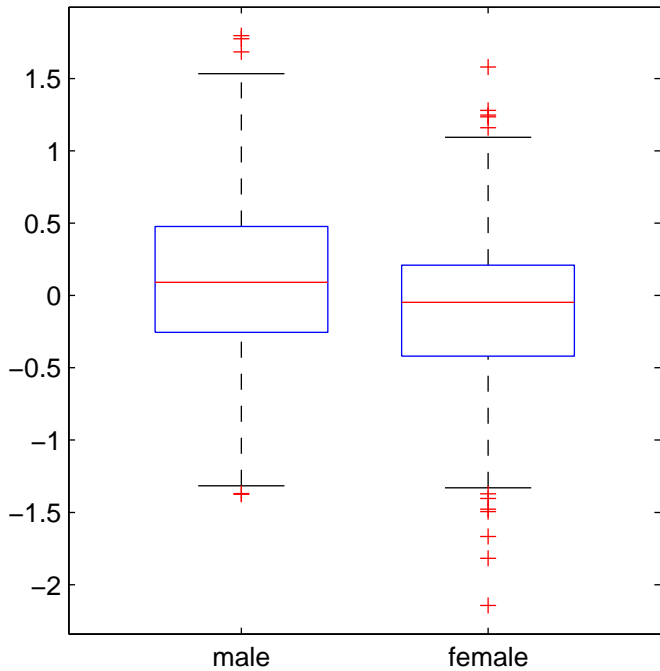


p-val: 2.33e-005



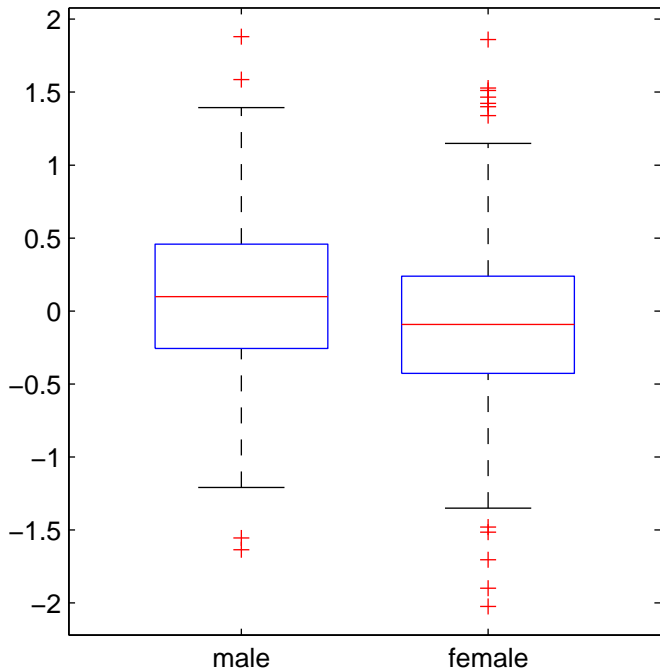
p-val: 5.11e-009

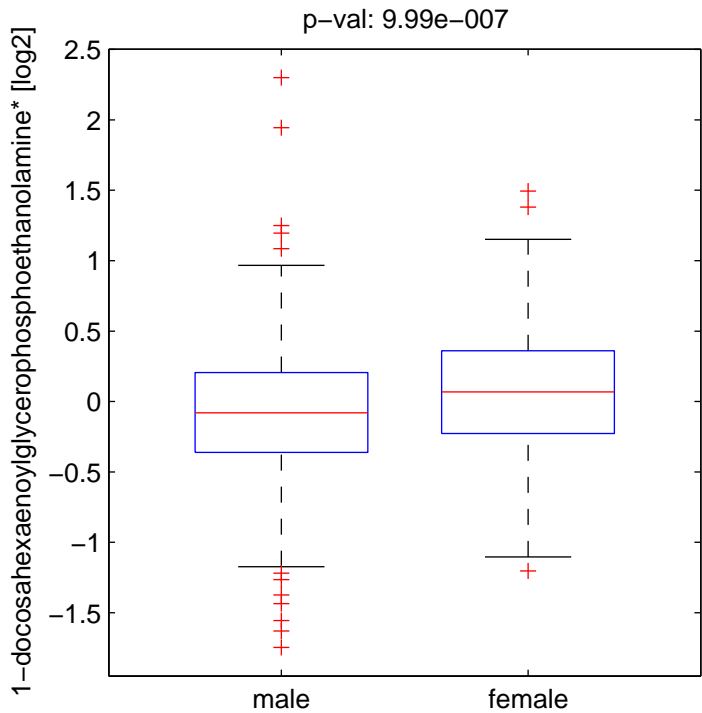
1-dihomo-linoleoylglycerophosphocholine (20:2n6)* [log2]



1-docosahexaenoylglycerophosphocholine (22:6n3)* [log2]

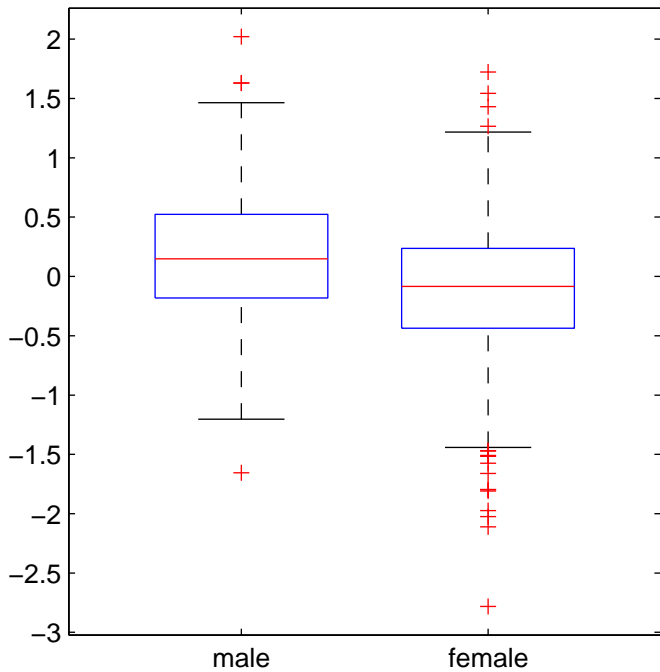
p-val: 2.29e-007





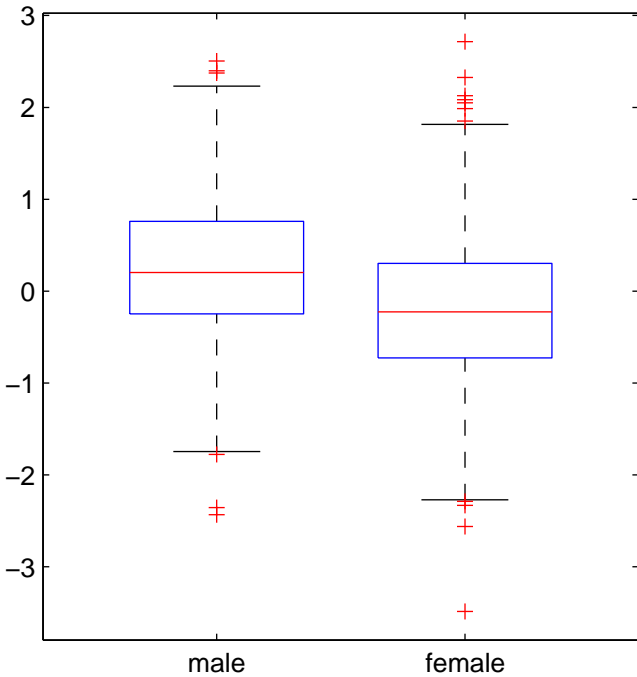
1-docosapentaenoylglycerophosphocholine (22:5n3)* [log2]

p-val: 2.85e-014



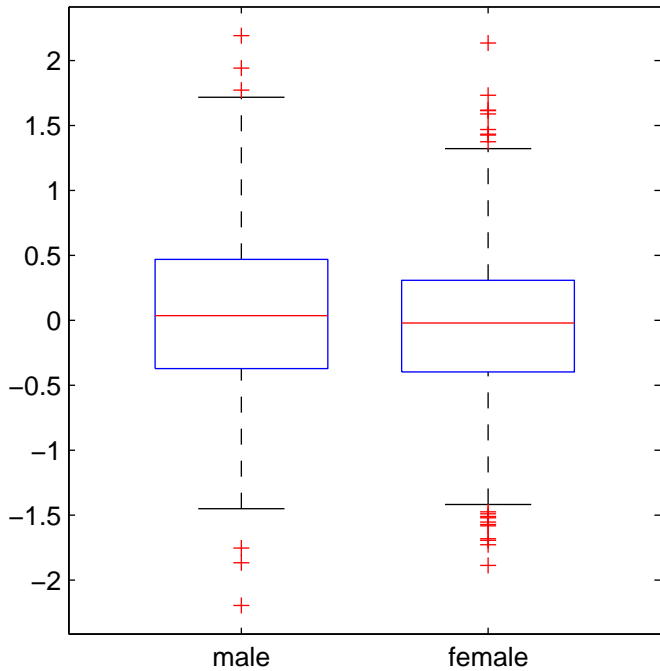
1-eicosapentaenylglycerophosphocholine (20:5n3)* [log2]

p-val: 1.12e-017

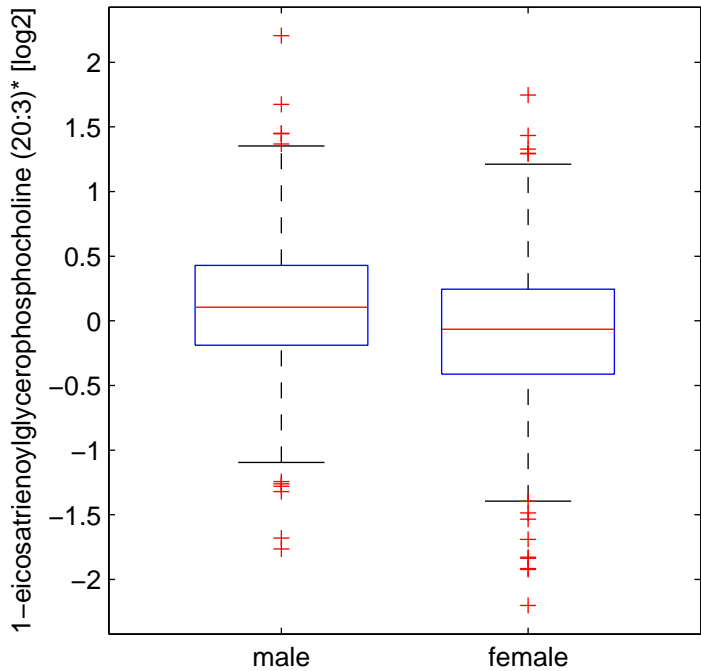


p-val: 8.36e-003

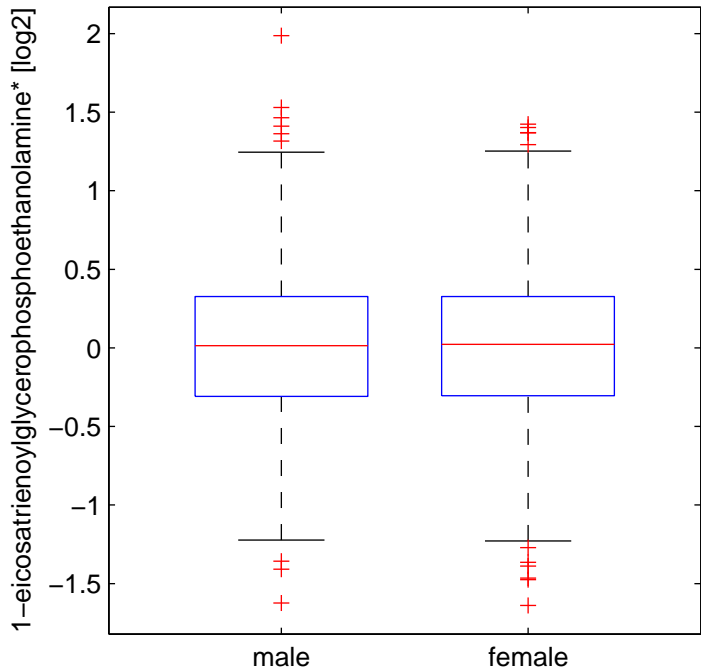
1-eicosapentaenoylglycerophosphoethanolamine* [log2]



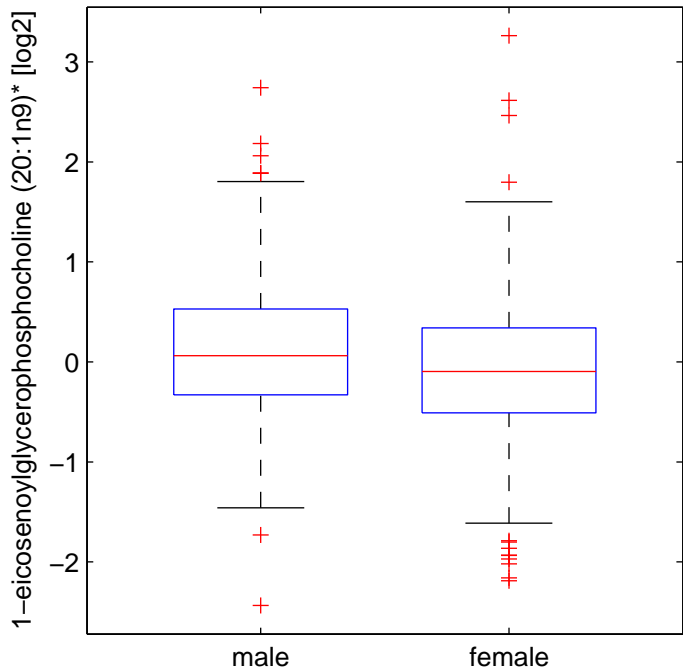
p-val: 2.33e-010



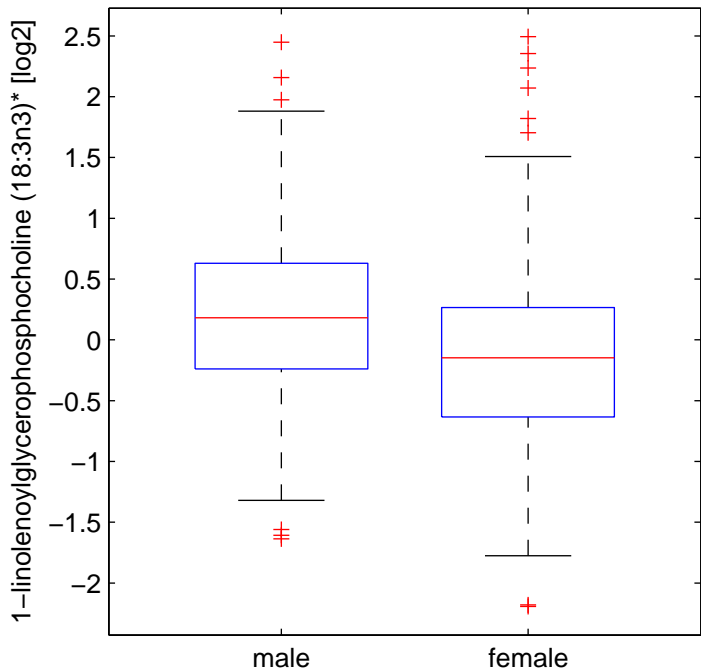
p-val: 9.72e-001



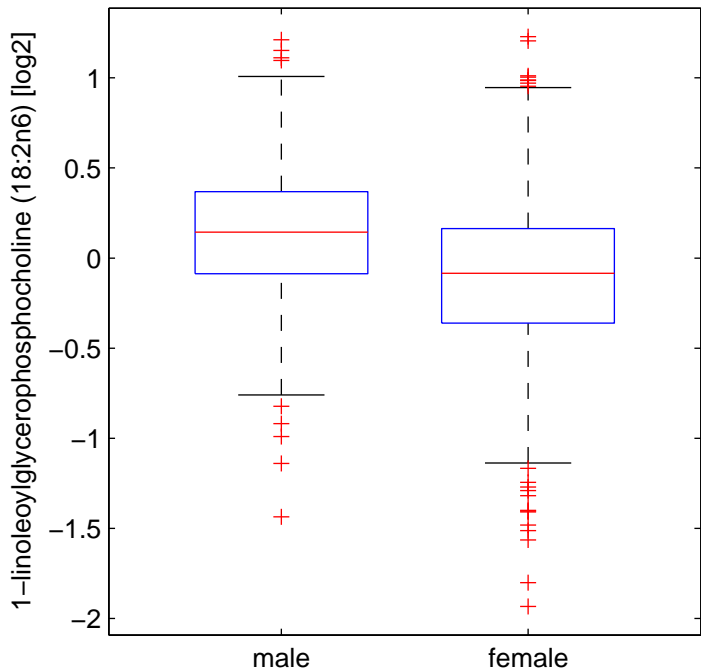
p-val: 1.36e-005



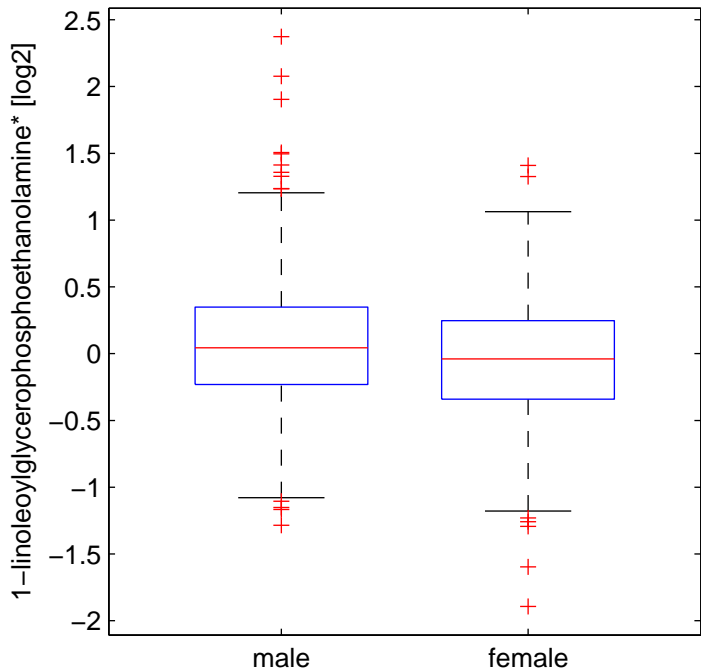
p-val: 9.76e-015



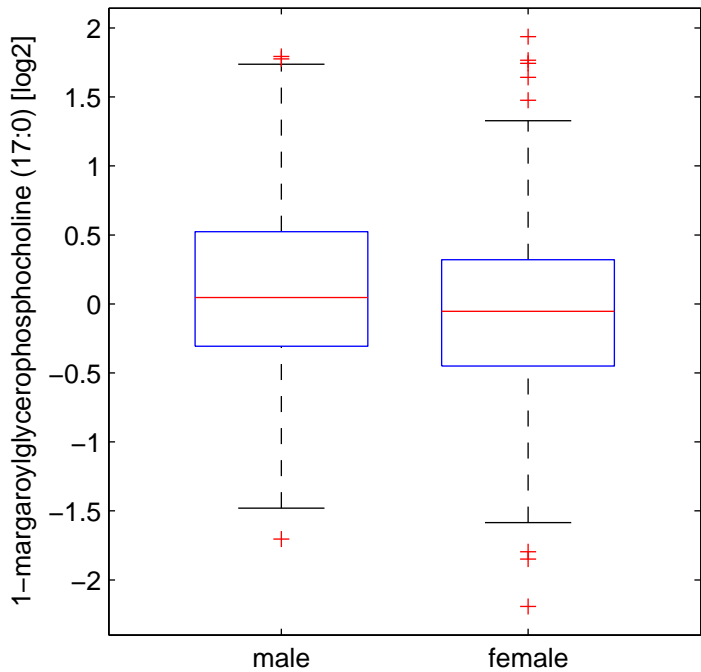
p-val: 1.50e-017



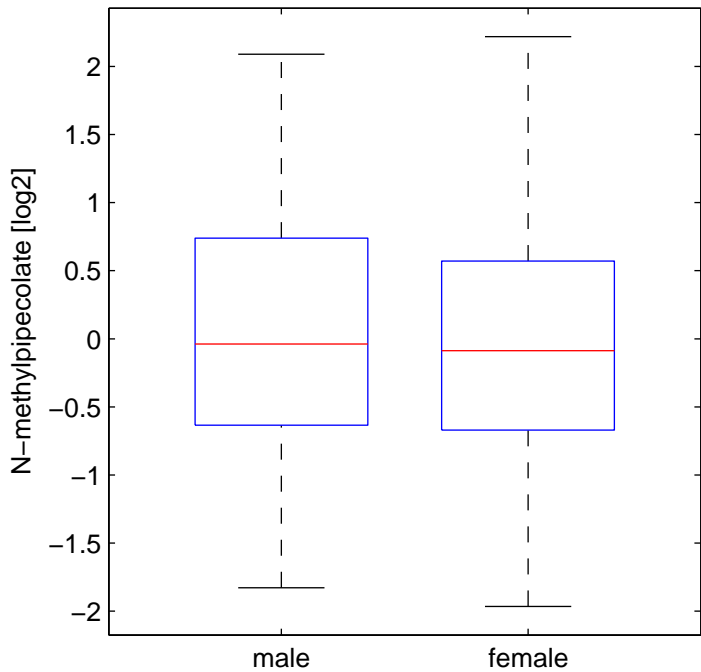
p-val: 2.26e-004



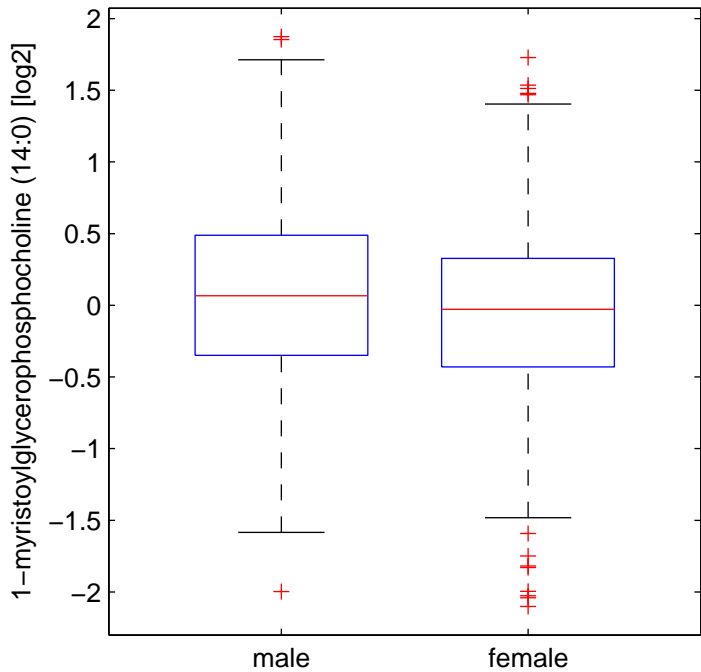
p-val: 1.46e-005



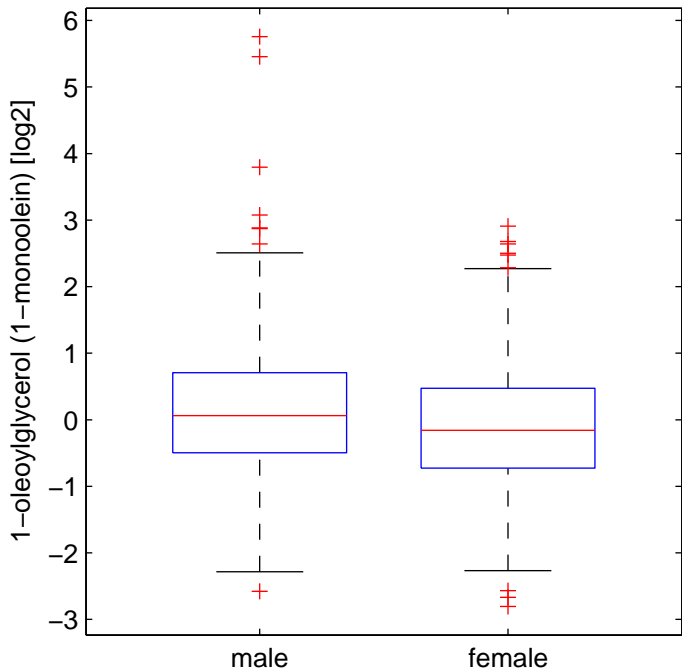
p-val: 1.60e-001



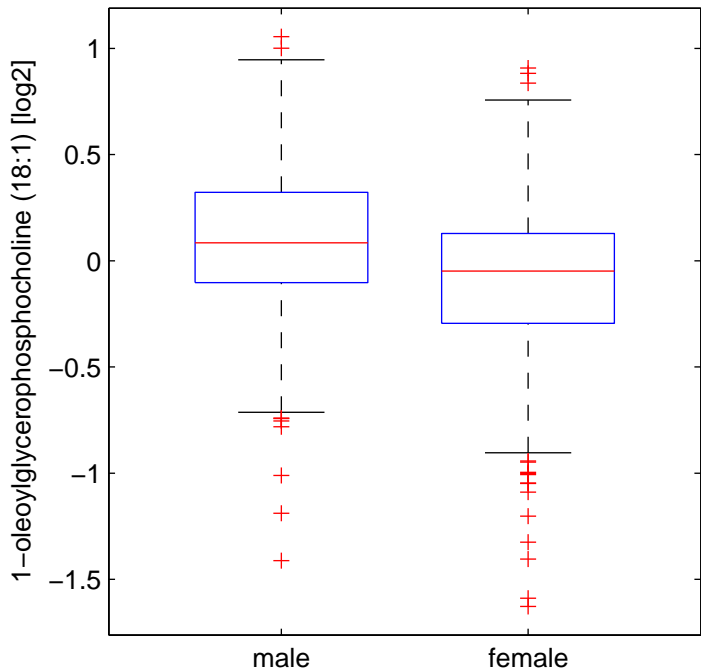
p-val: 1.87e-003



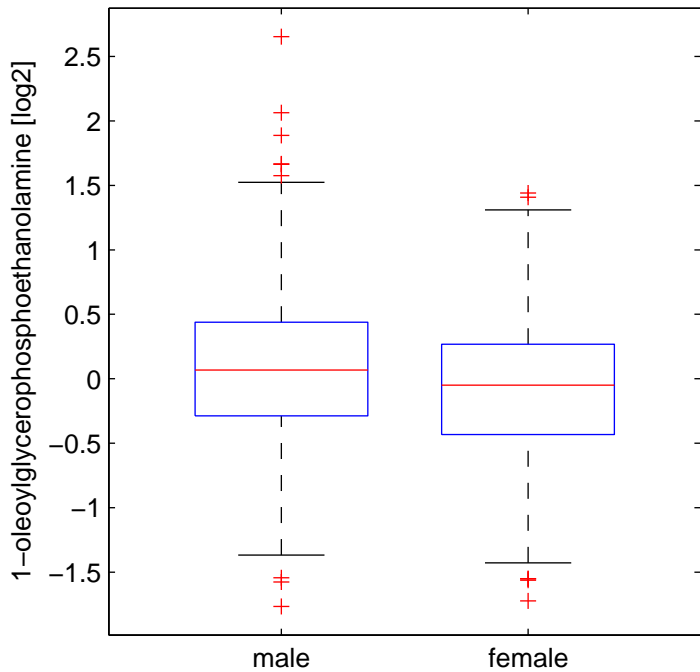
p-val: 5.57e-004



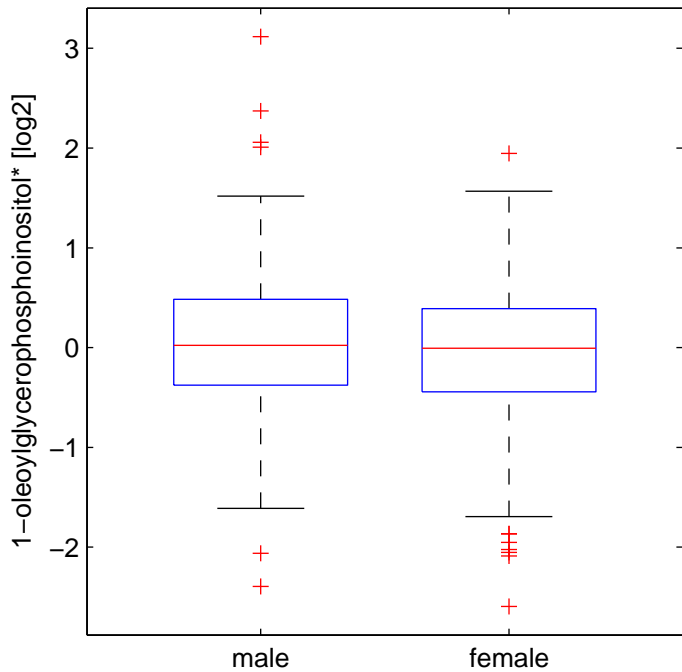
p-val: 3.70e-015



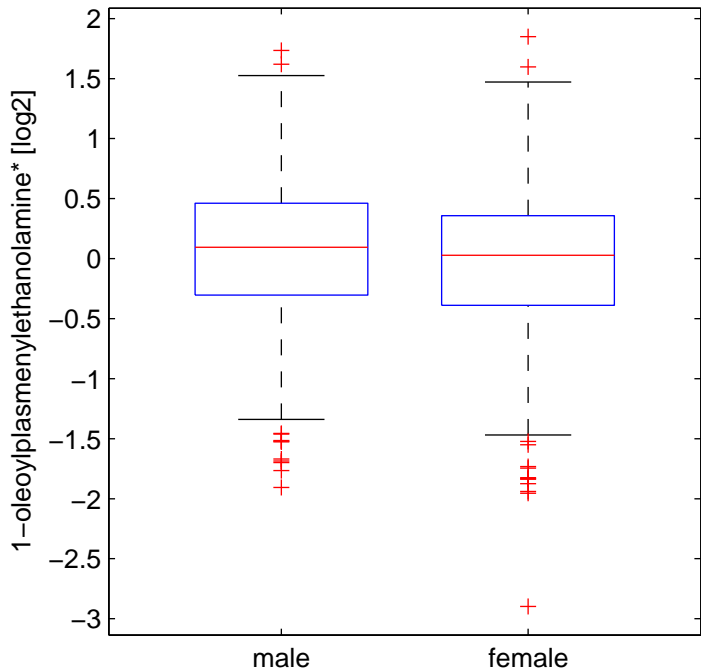
p-val: 1.19e-006



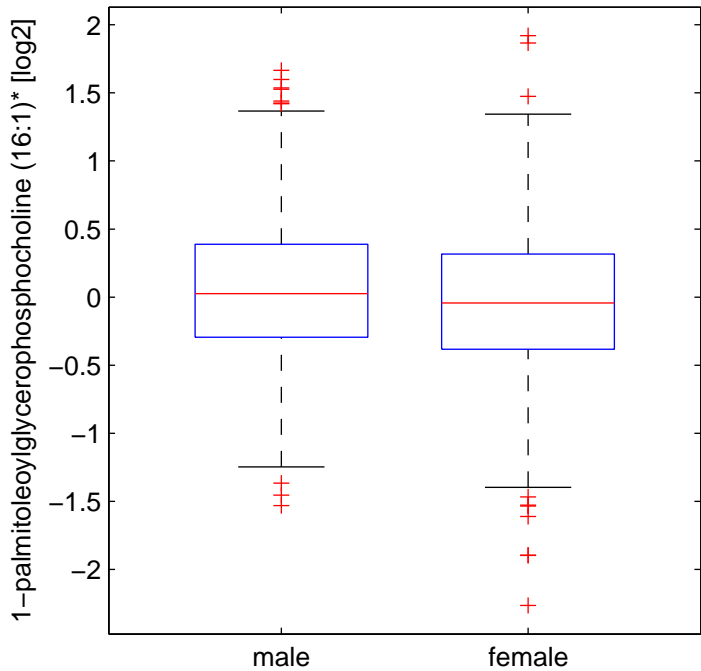
p-val: 2.07e-002



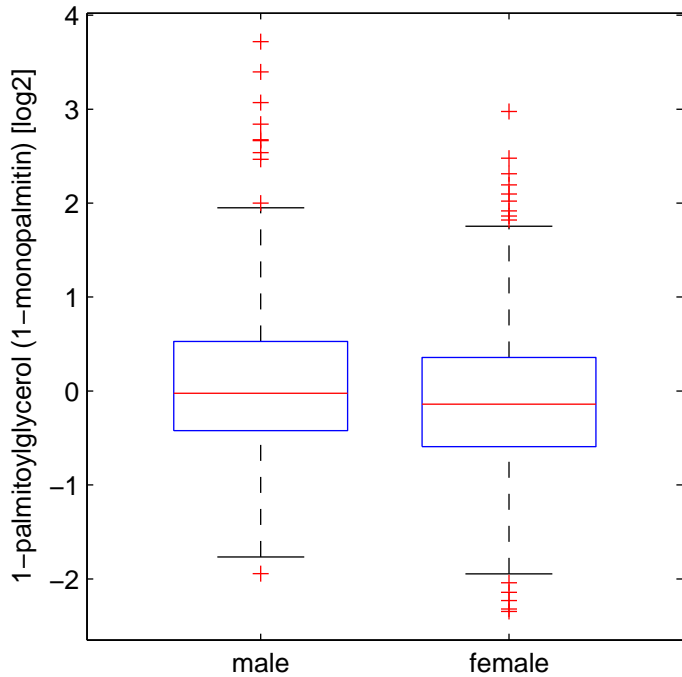
p-val: 2.58e-002



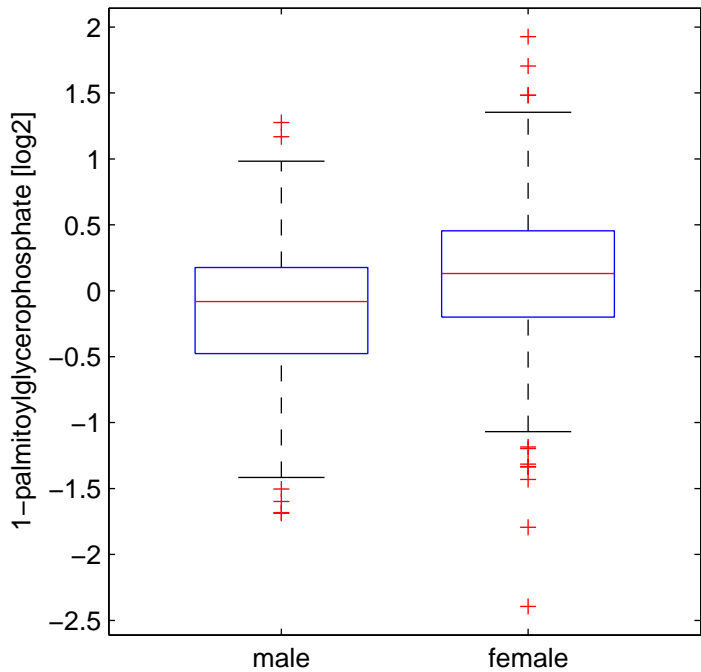
p-val: 8.30e-003



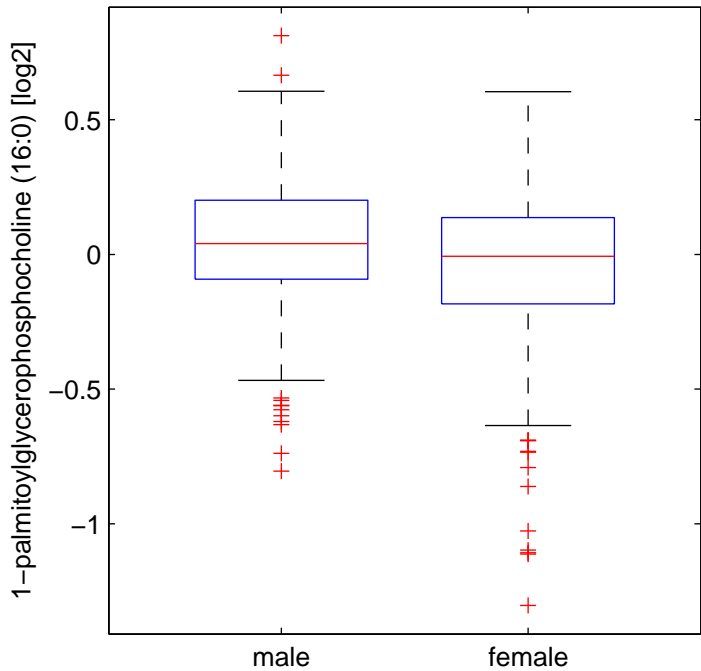
p-val: 1.69e-003



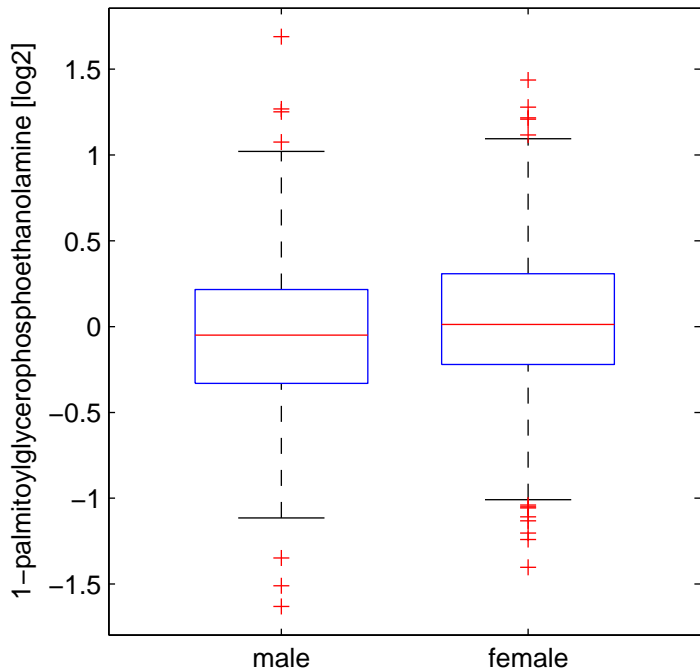
p-val: 1.93e-013



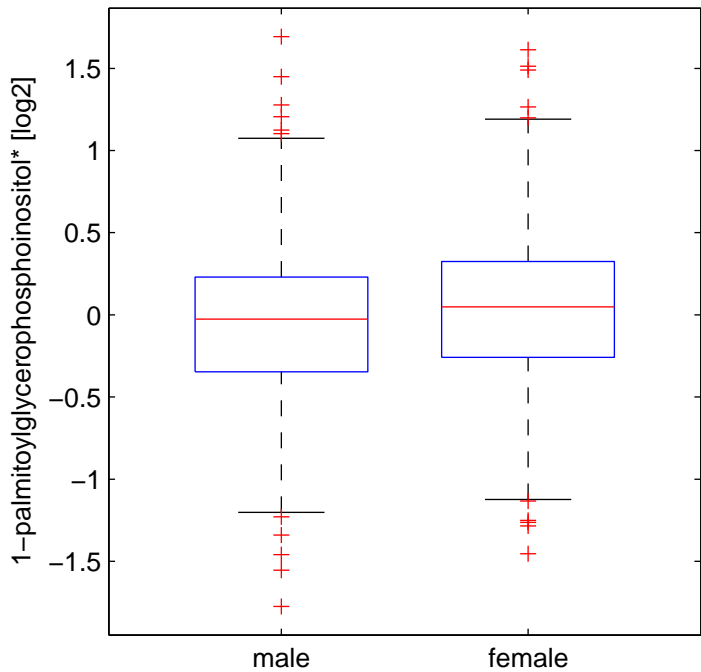
p-val: 1.65e-006



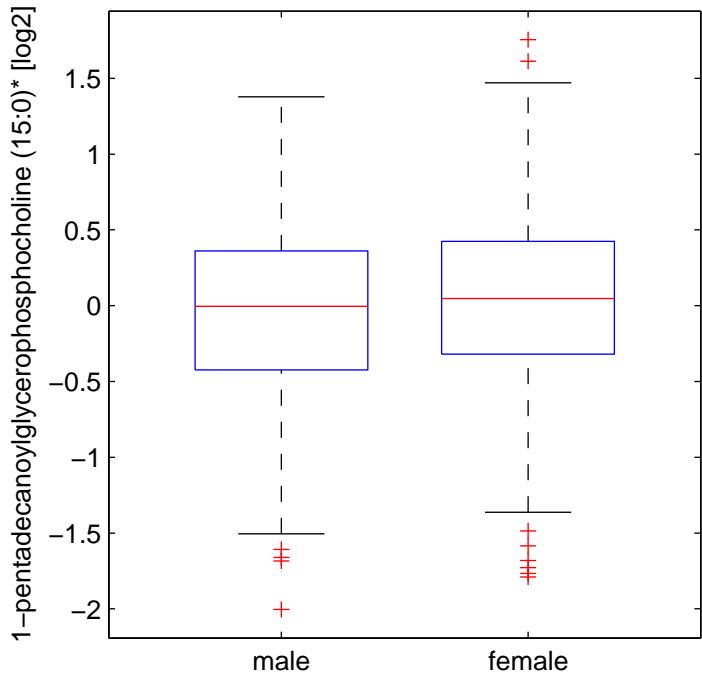
p-val: 1.46e-002



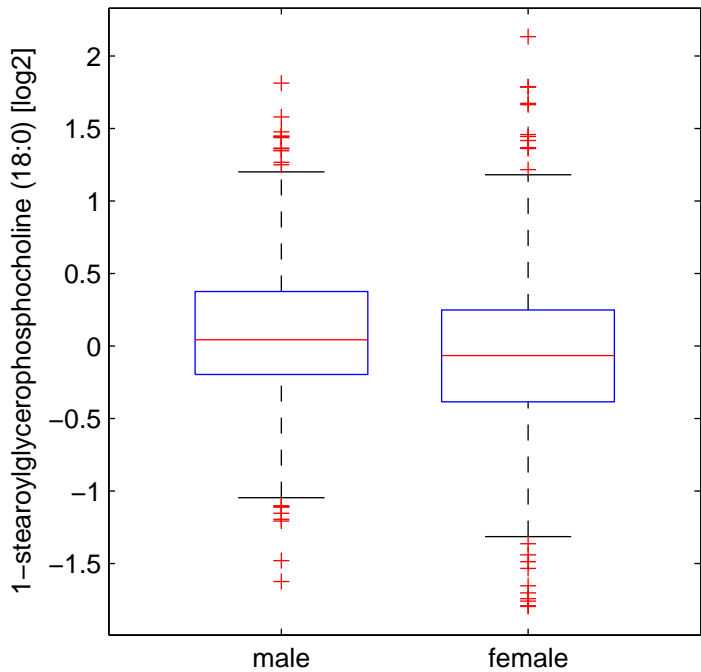
p-val: 2.69e-003



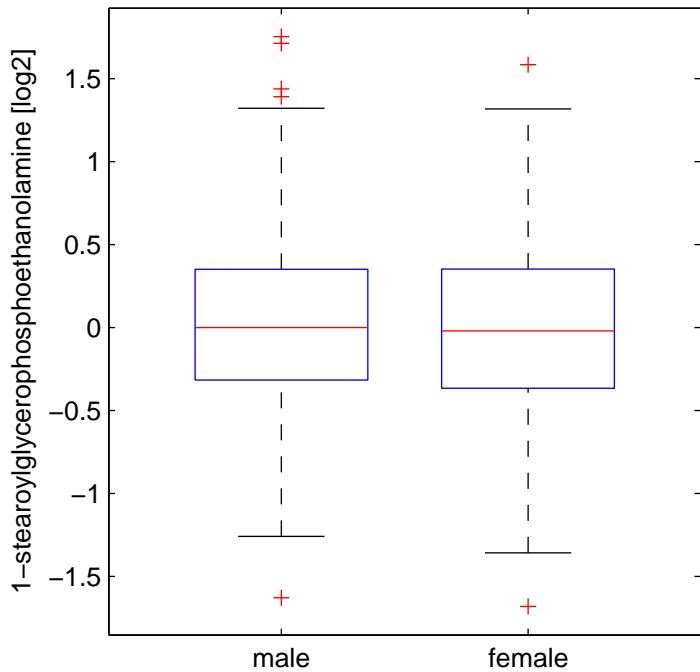
p-val: 2.41e-002



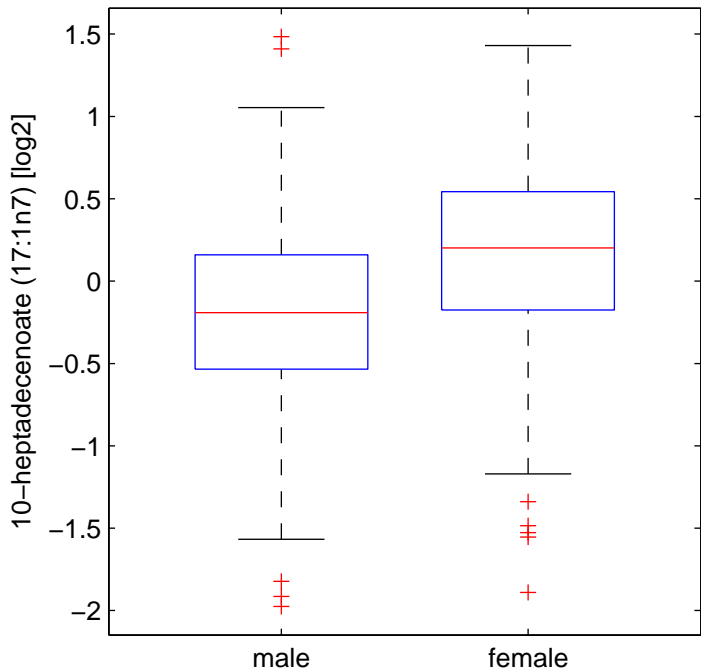
p-val: 1.14e-005



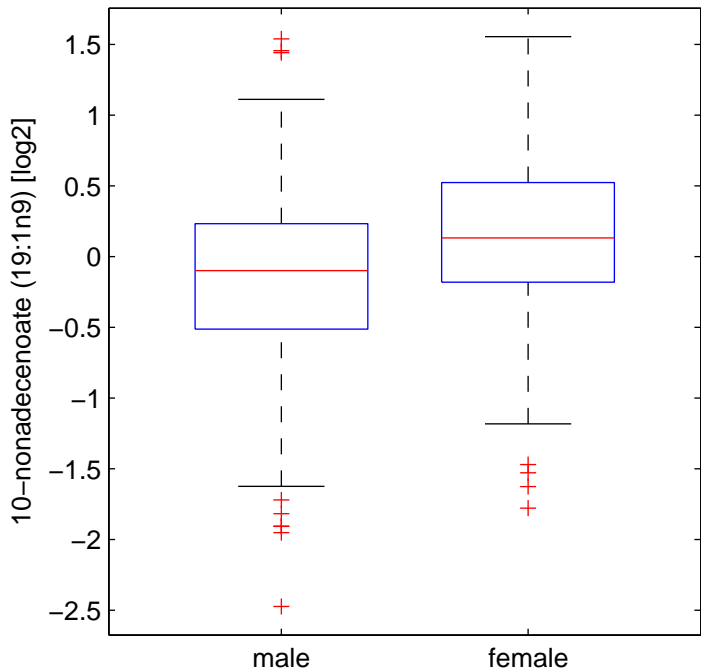
p-val: 2.17e-001



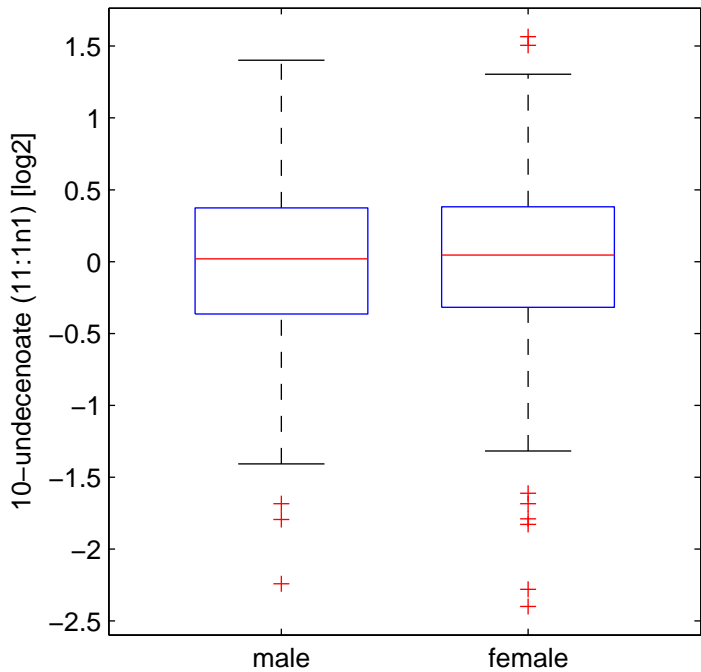
p-val: 5.78e-026



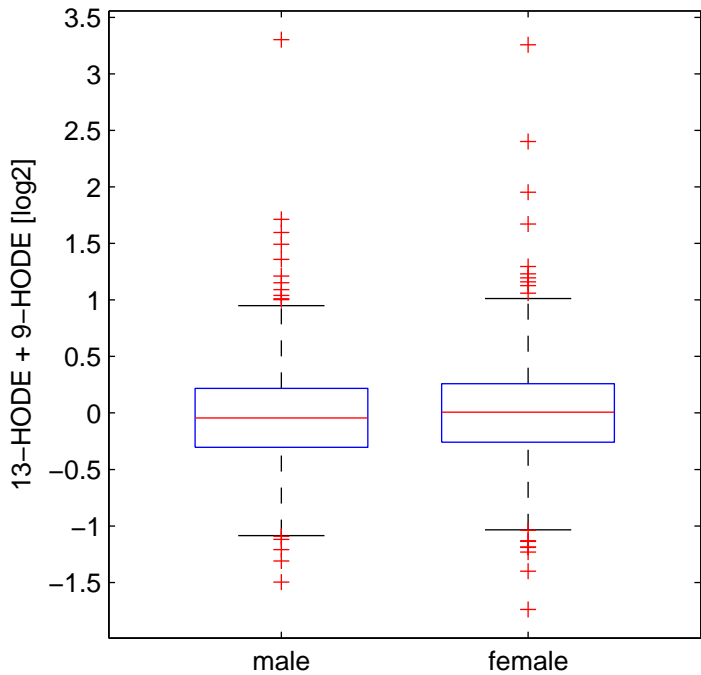
p-val: 1.38e-016



p-val: 6.27e-001

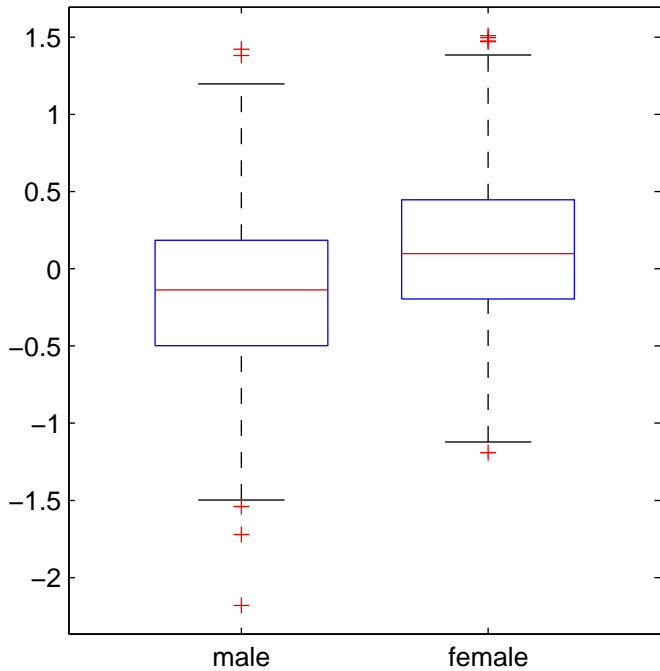


p-val: 2.21e-001

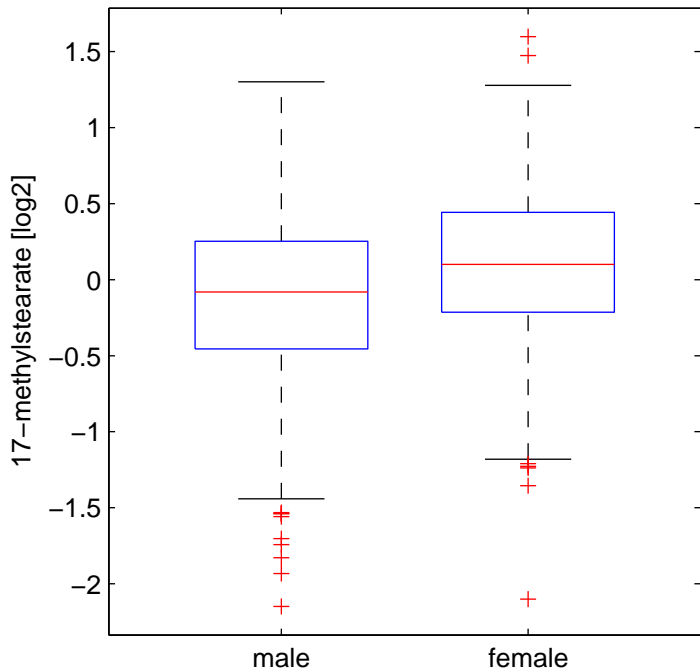


15-methyl/palmitate (isobar with 2-methyl/palmitate) [log2]

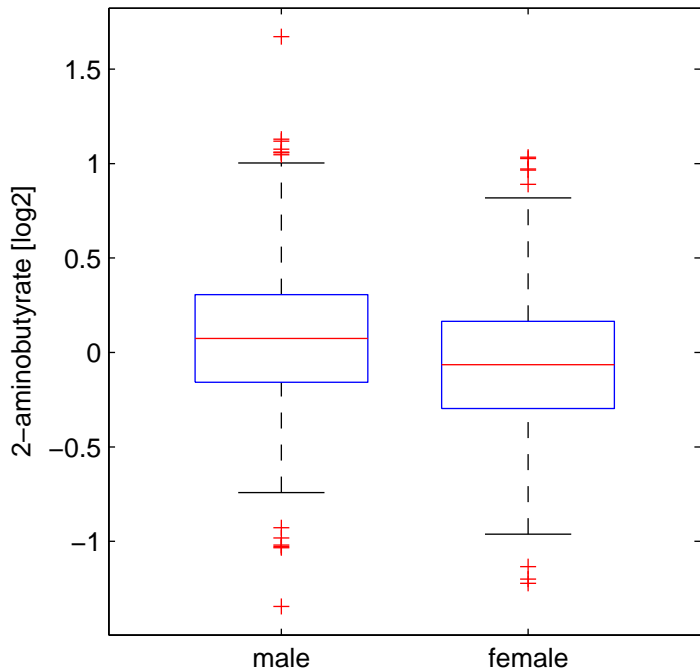
p-val: 3.30e-016



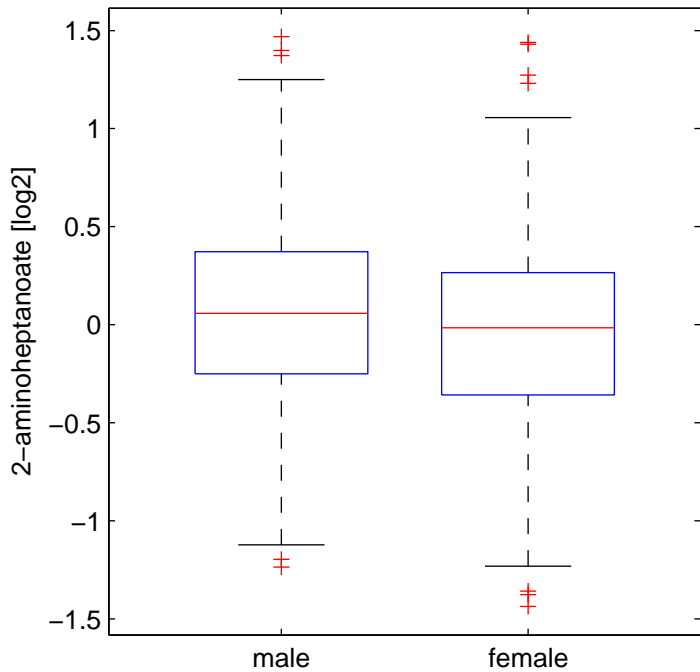
p-val: 4.43e-011



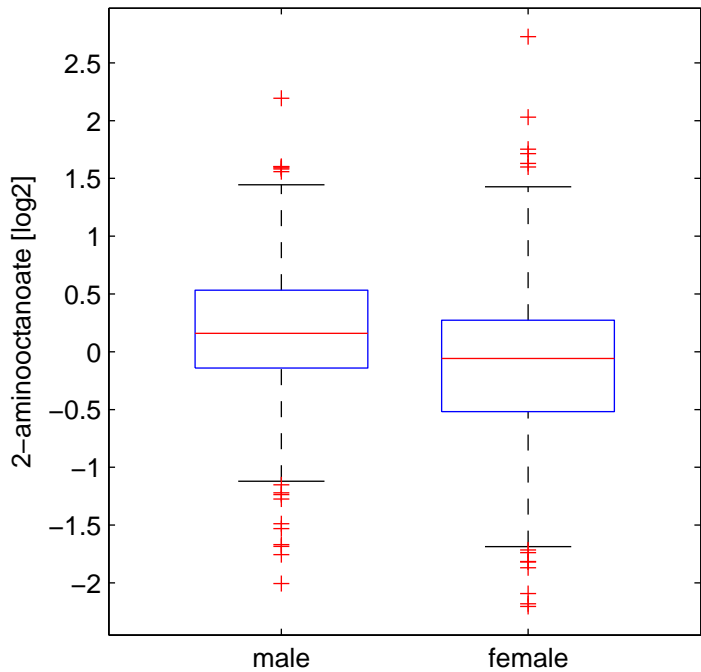
p-val: 1.38e-009



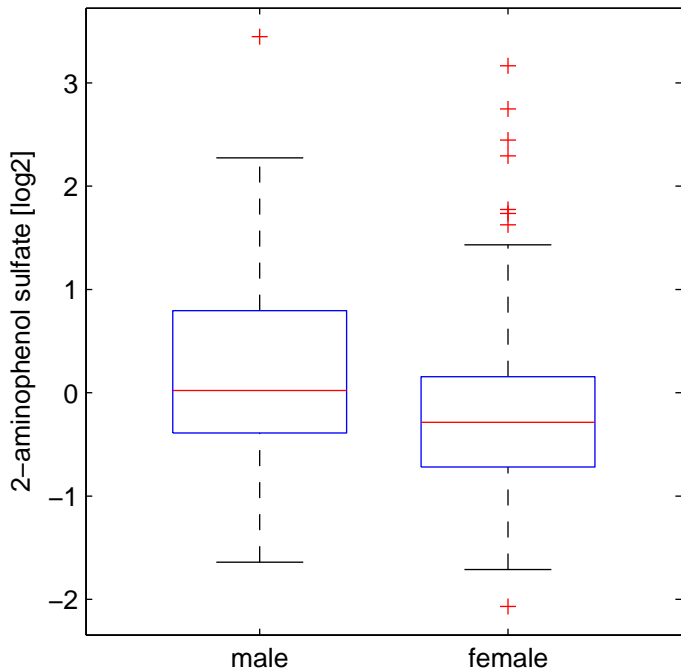
p-val: 2.20e-004



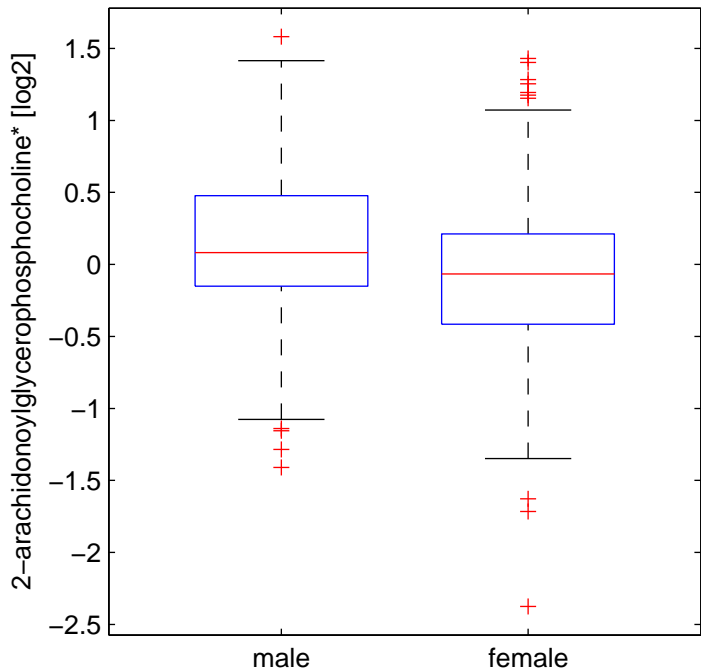
p-val: 1.57e-011



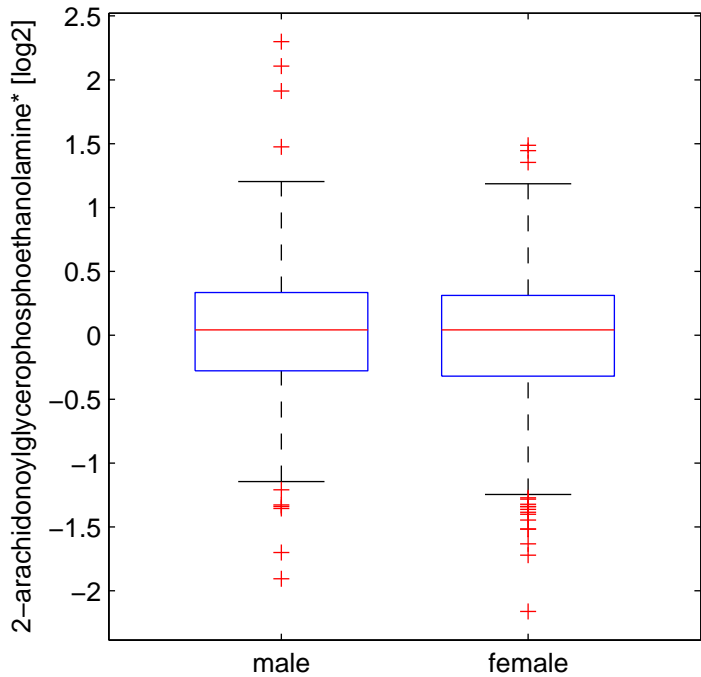
p-val: 9.89e-010



p-val: 2.03e-008

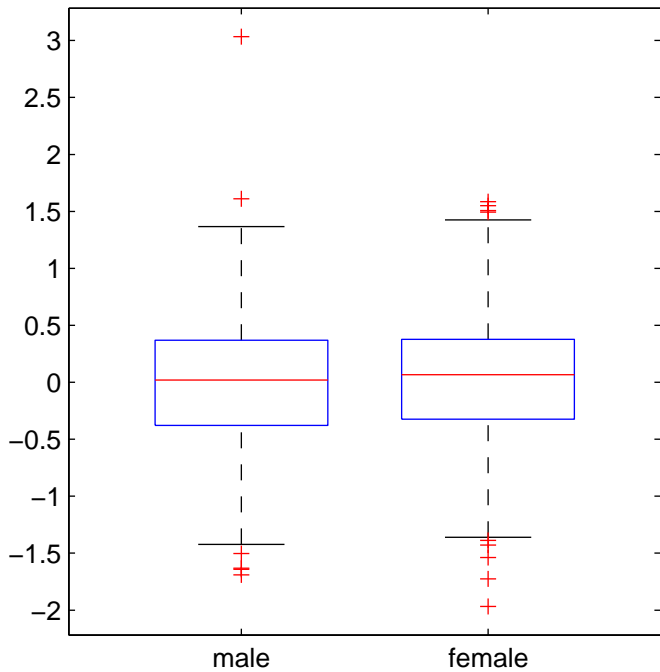


p-val: 9.16e-002



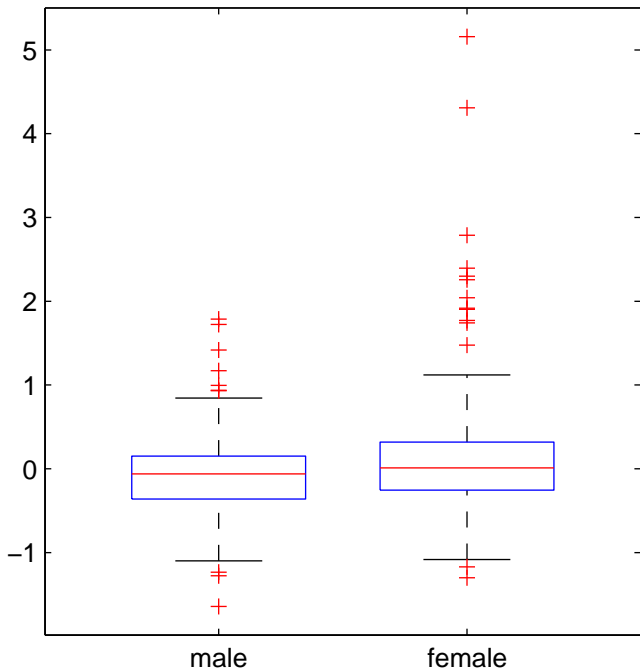
2-docosaheptaenoylglycerophosphoethanolamine* [log2]

p-val: 2.13e-001

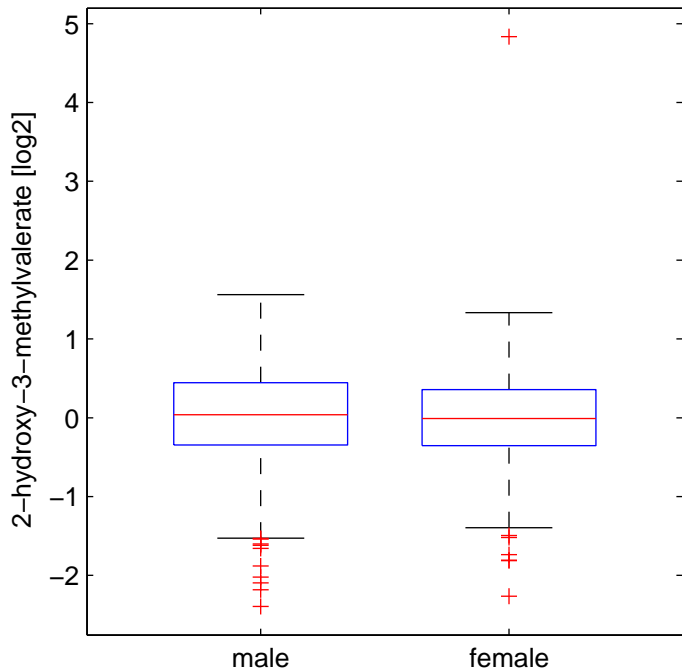


p-val: 1.42e-005

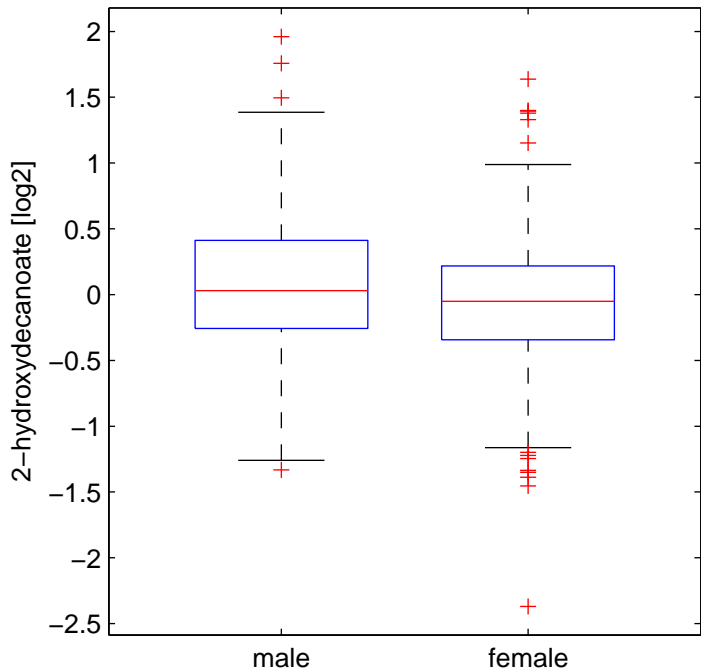
2-ethylhexanoate (isobar with 2-propylpentanoate) [log2]



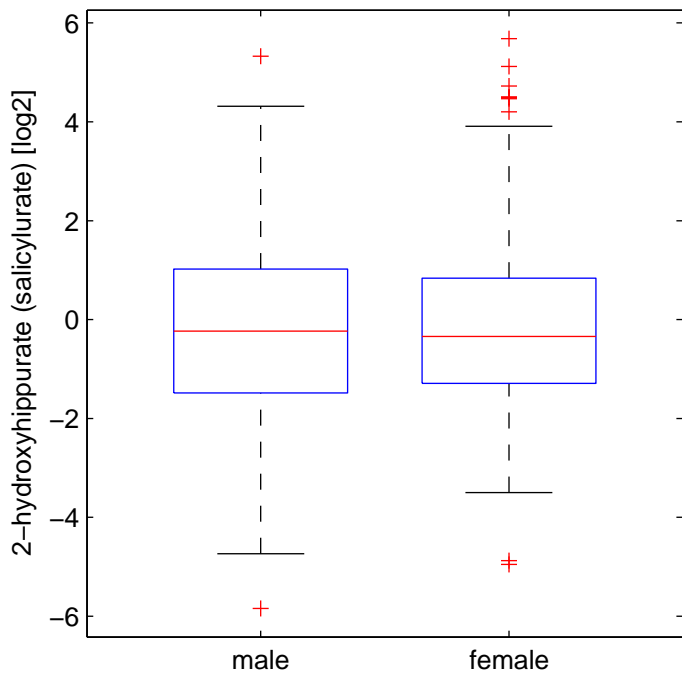
p-val: 5.73e-001



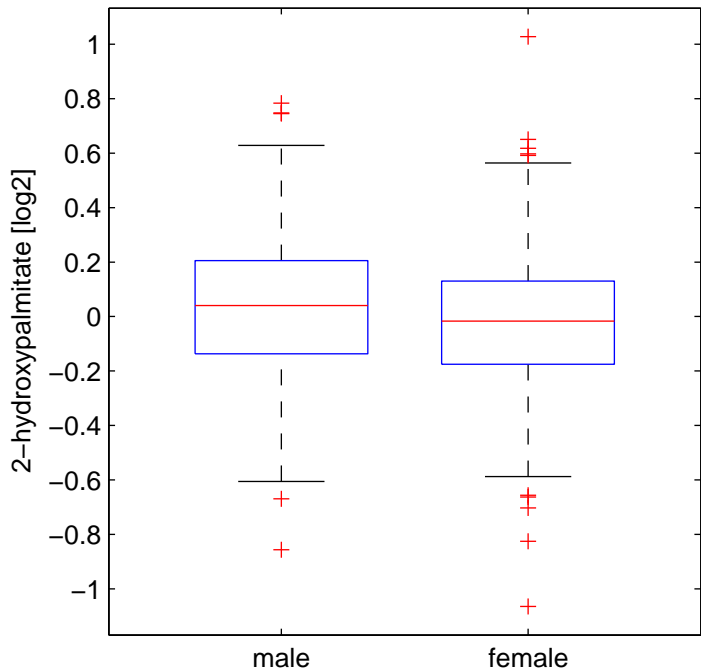
p-val: 1.81e-004



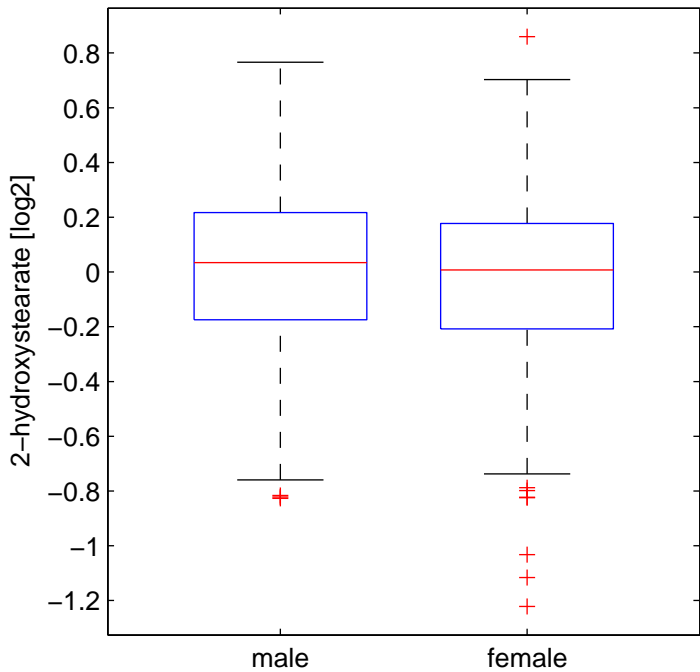
p-val: 8.64e-001



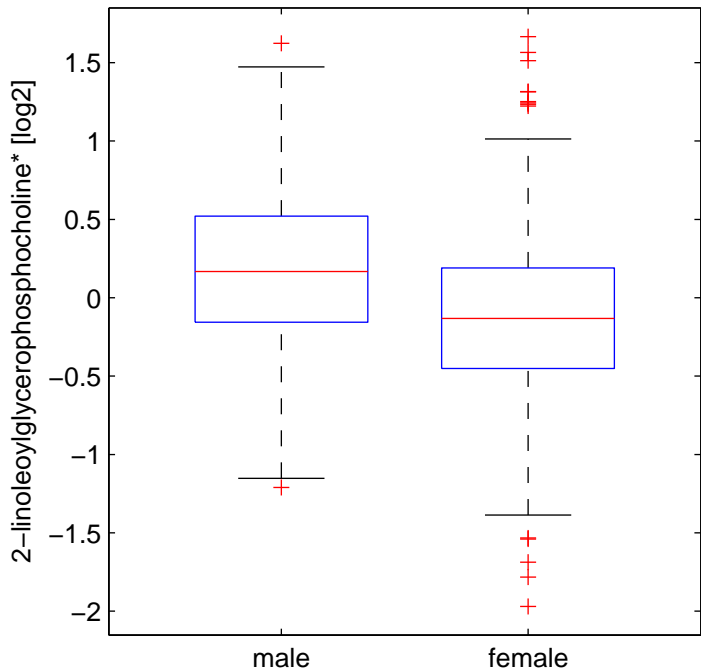
p-val: 2.67e-003



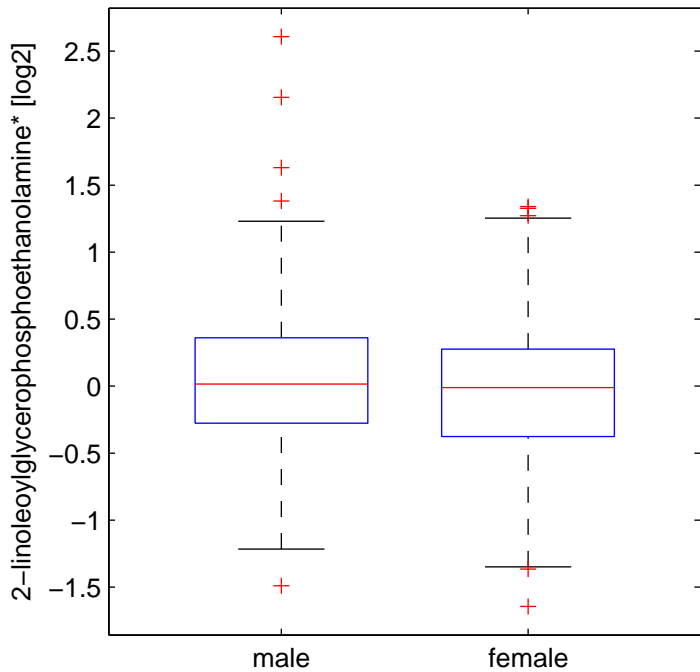
p-val: 1.01e-001



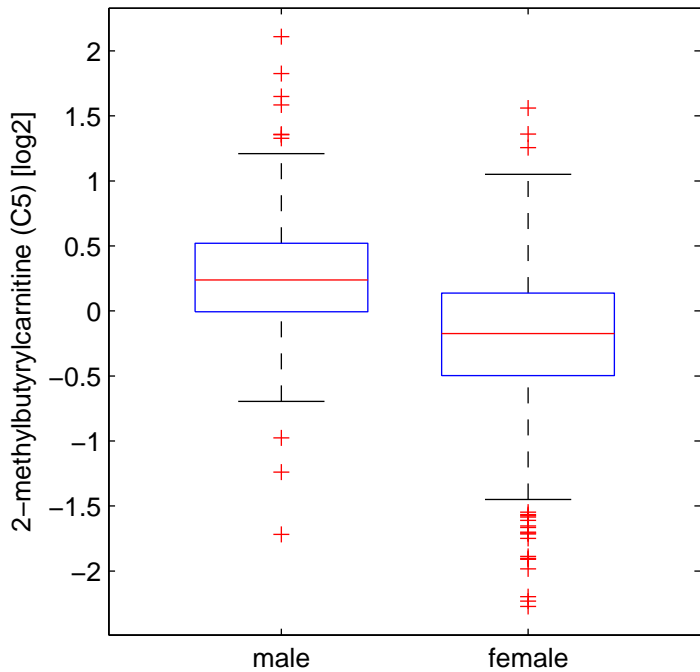
p-val: 1.95e-018



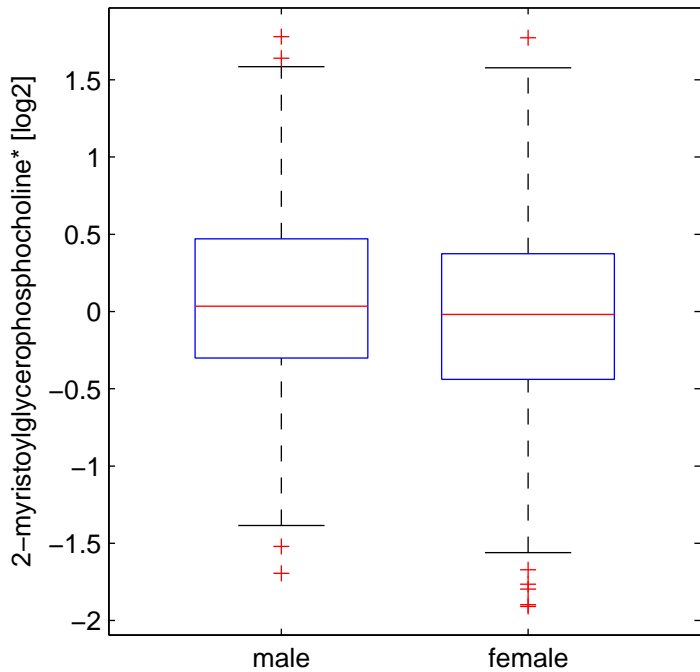
p-val: 3.70e-002



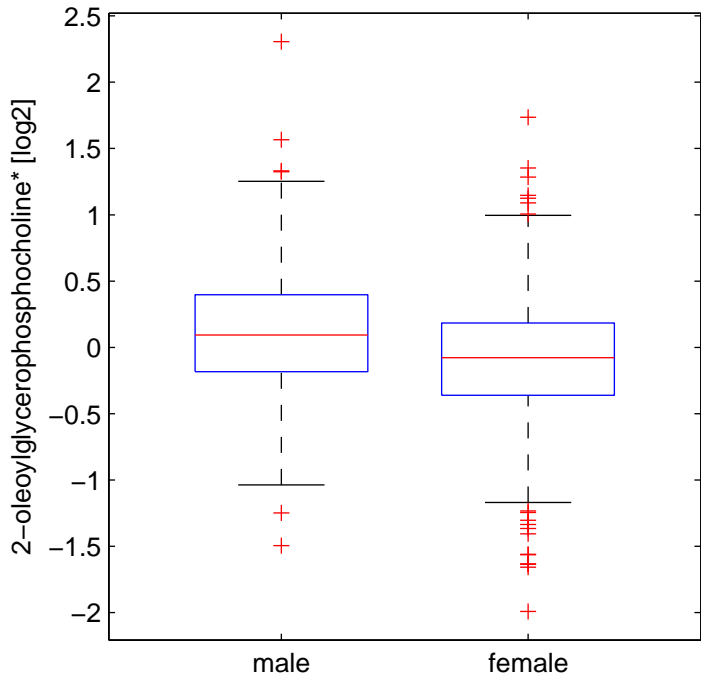
p-val: 5.05e-040



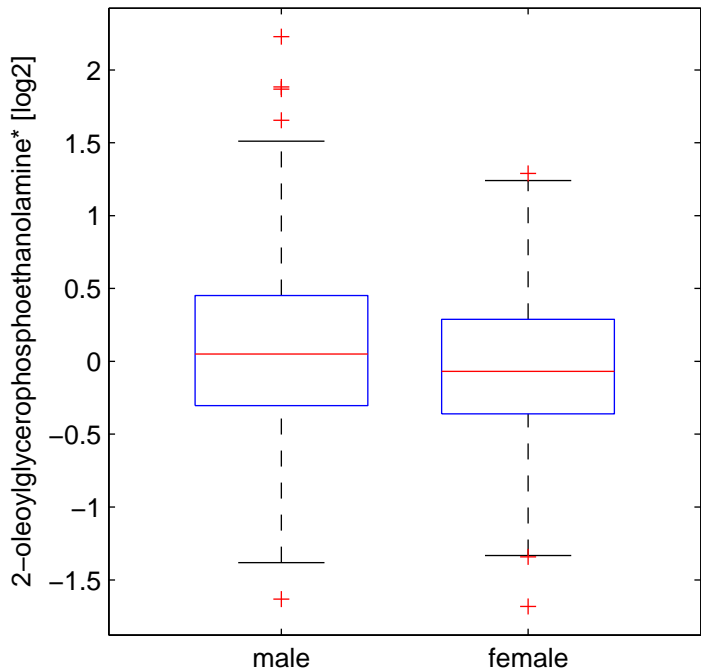
p-val: 2.36e-003



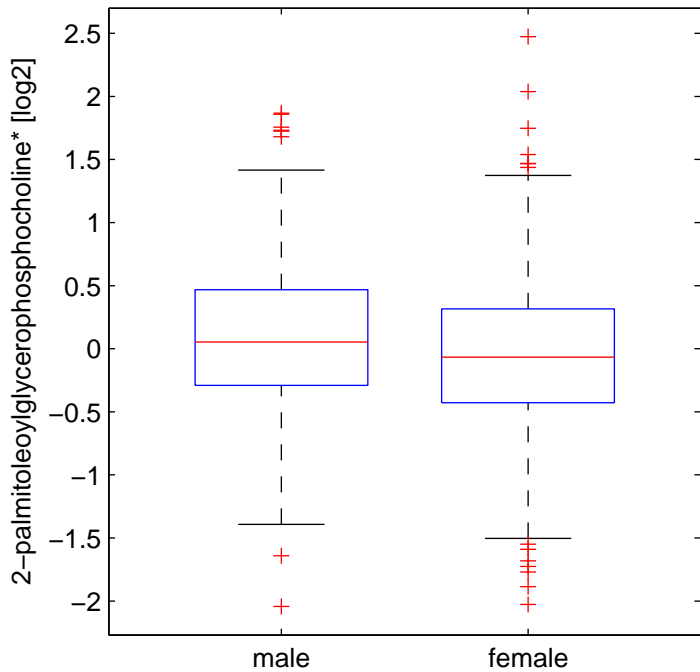
p-val: 9.15e-011



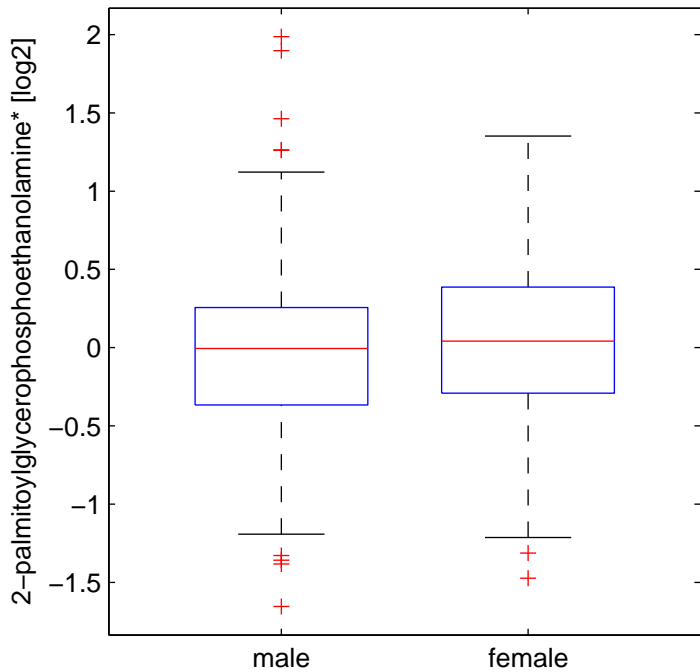
p-val: 4.53e-003



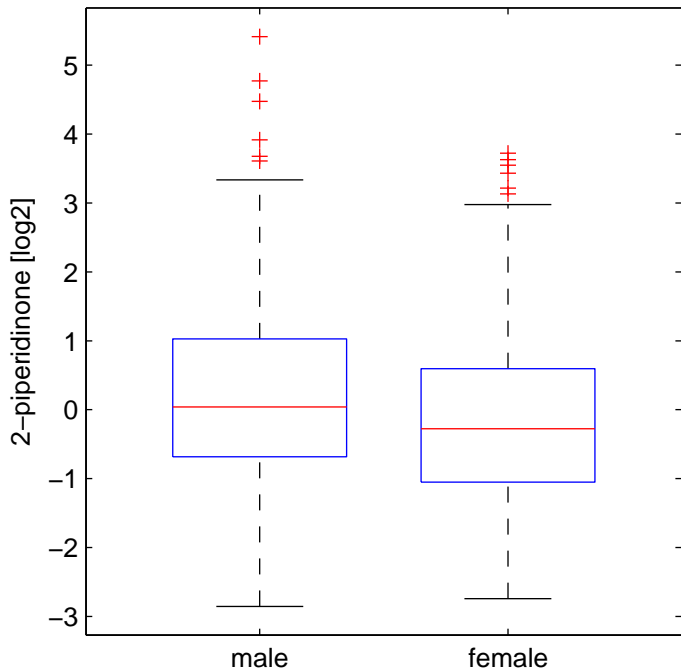
p-val: 3.84e-003



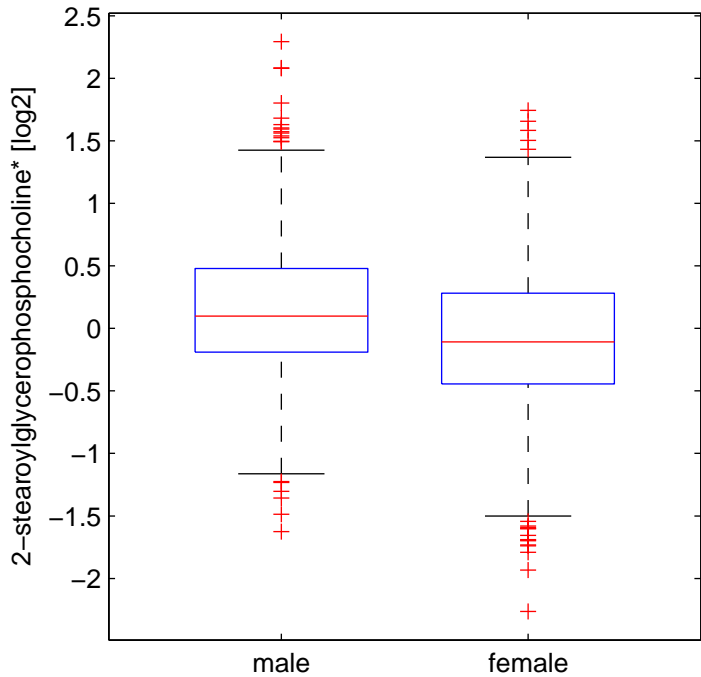
p-val: 2.13e-002



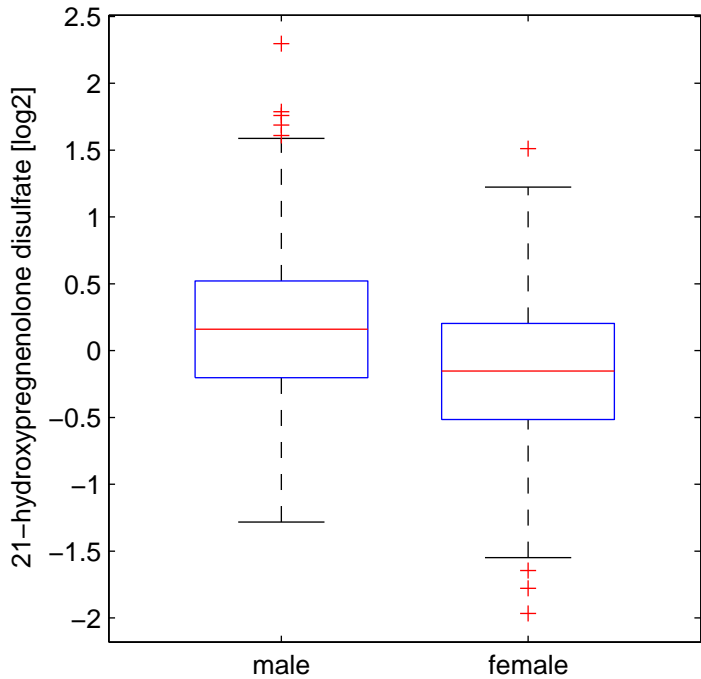
p-val: 2.31e-005



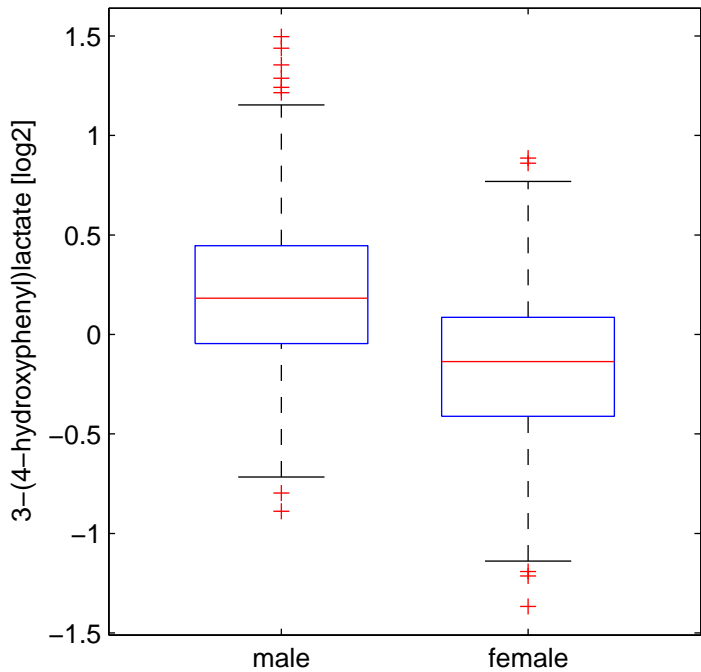
p-val: 5.19e-010



p-val: 1.28e-020

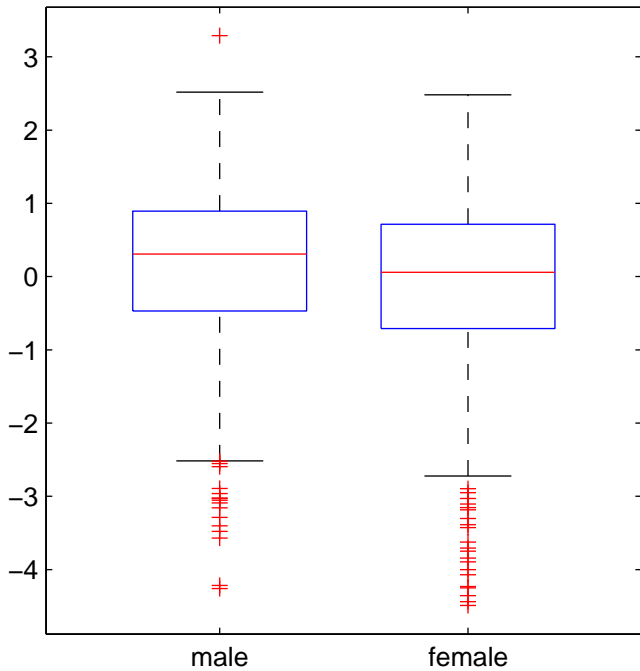


p-val: 4.15e-040

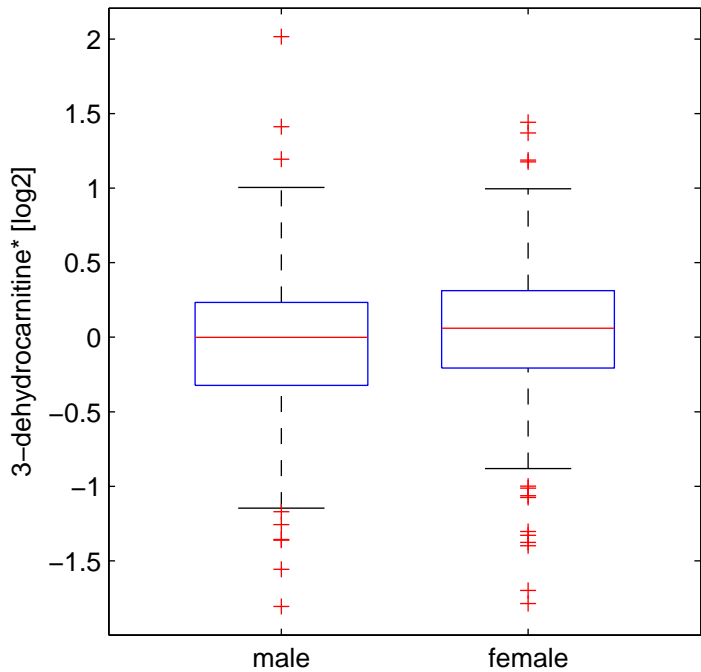


3-carboxy-4-methyl-5-propyl-2-furanpropanoate (CMPF) [log2]

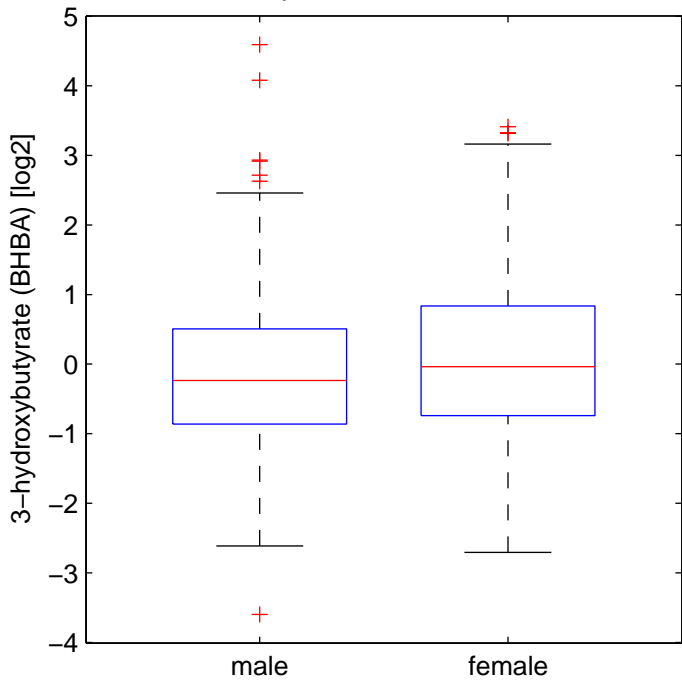
p-val: 1.19e-003



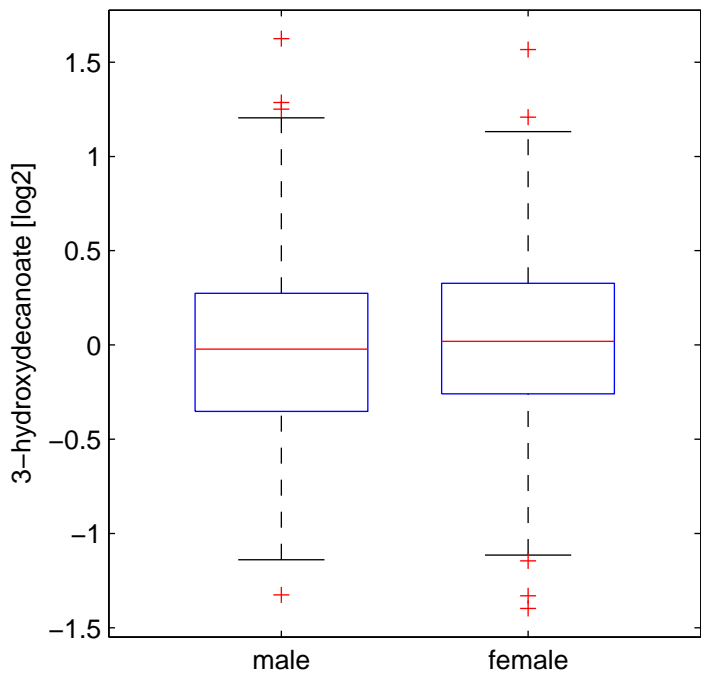
p-val: 1.90e-003



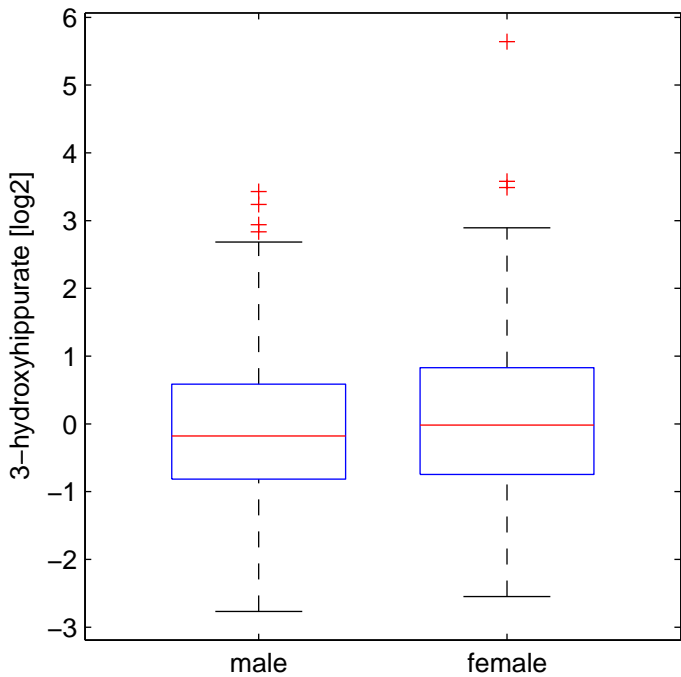
p-val: 2.31e-003



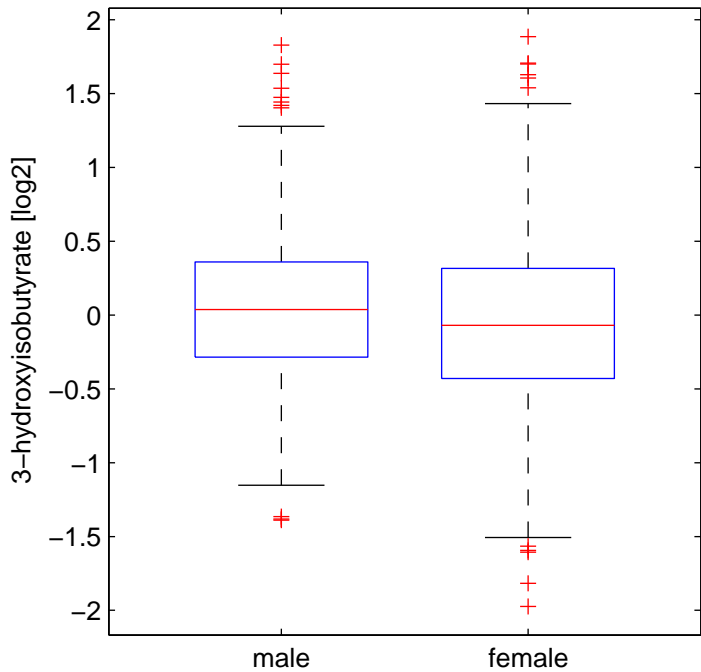
p-val: 1.80e-001



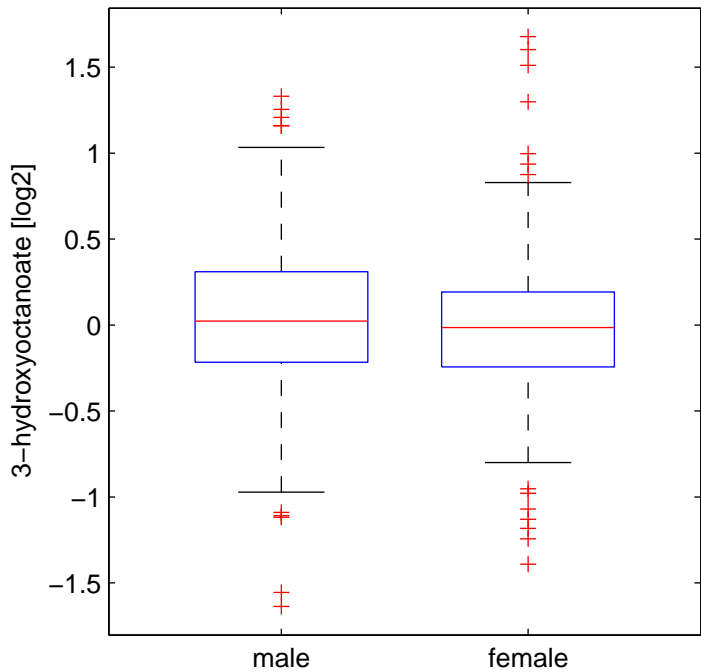
p-val: 9.06e-002



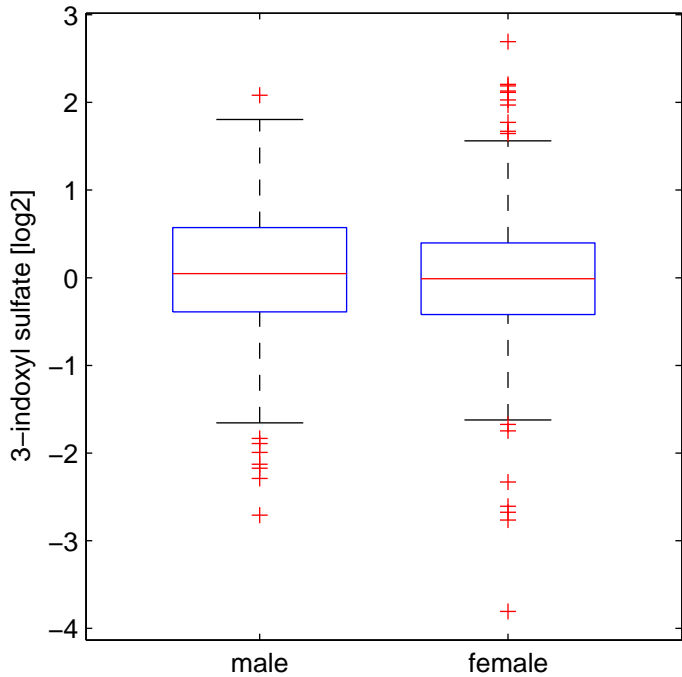
p-val: 3.65e-003



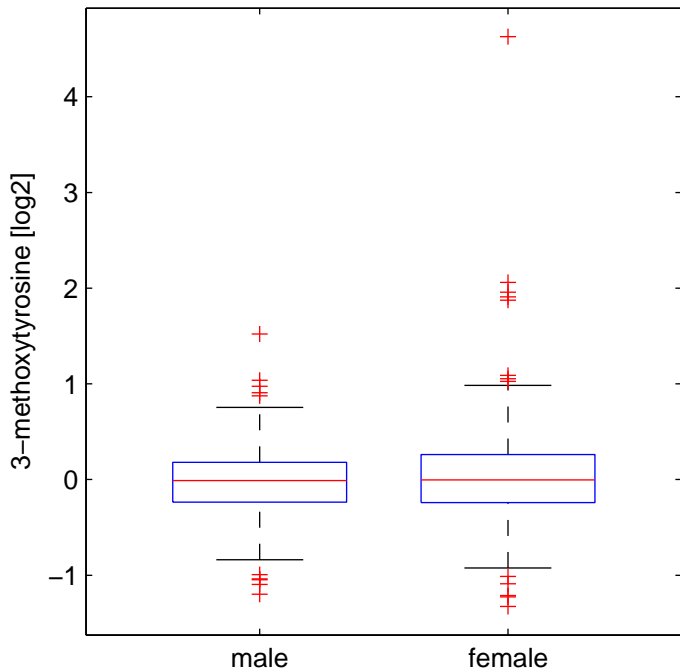
p-val: 1.28e-001



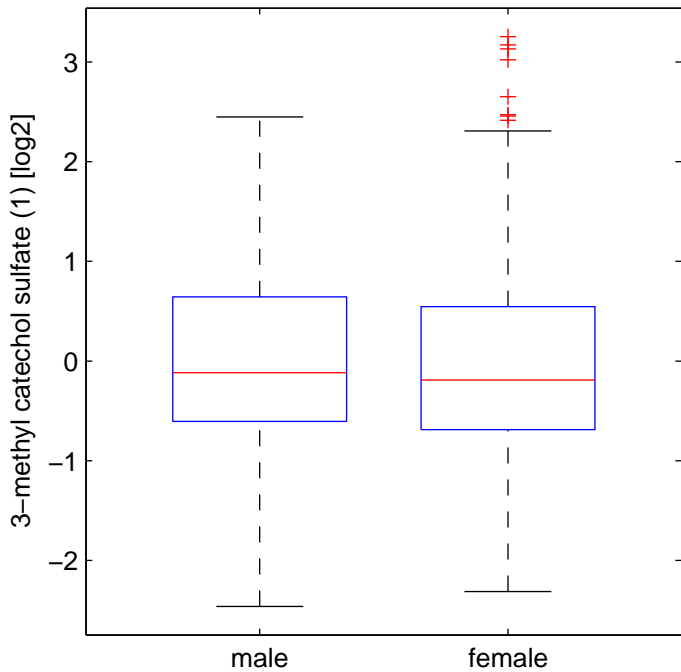
p-val: 5.19e-001



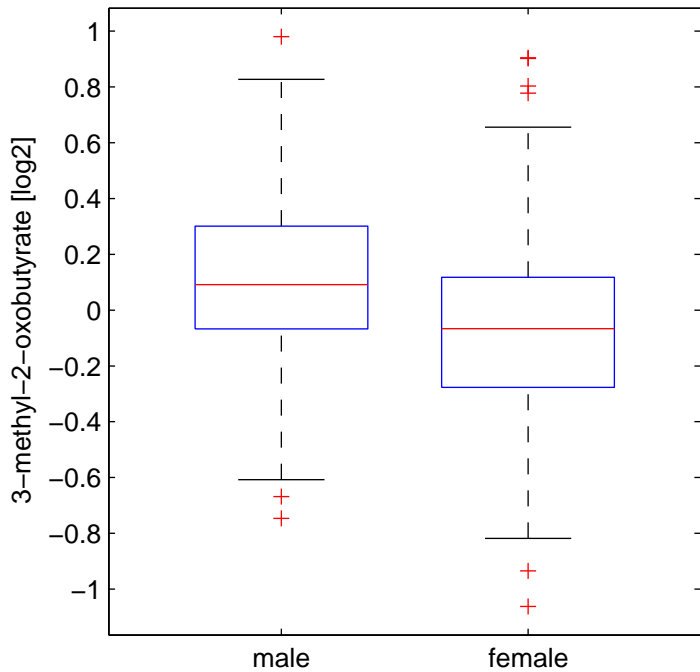
p-val: 7.39e-002



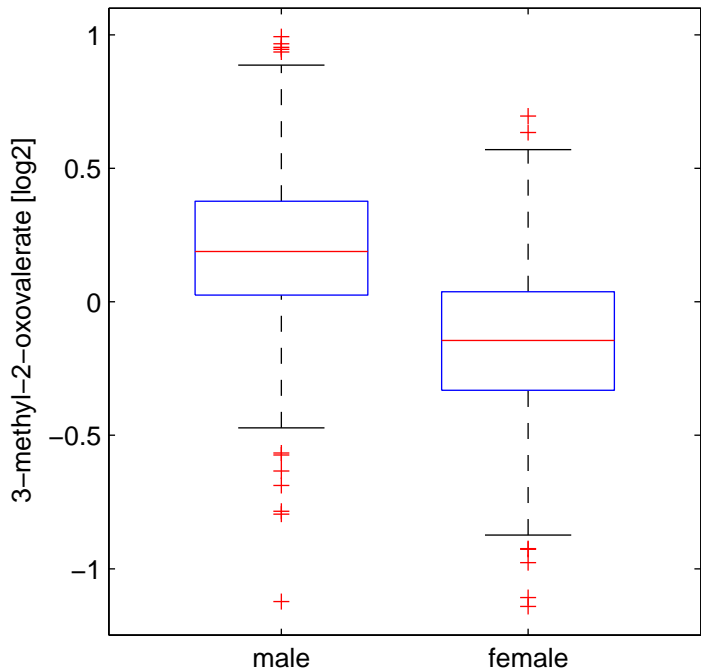
p-val: 5.44e-001



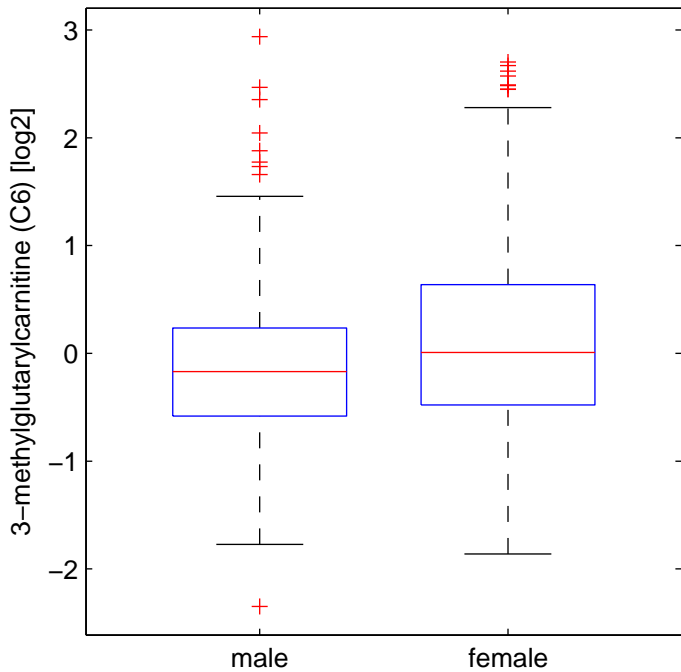
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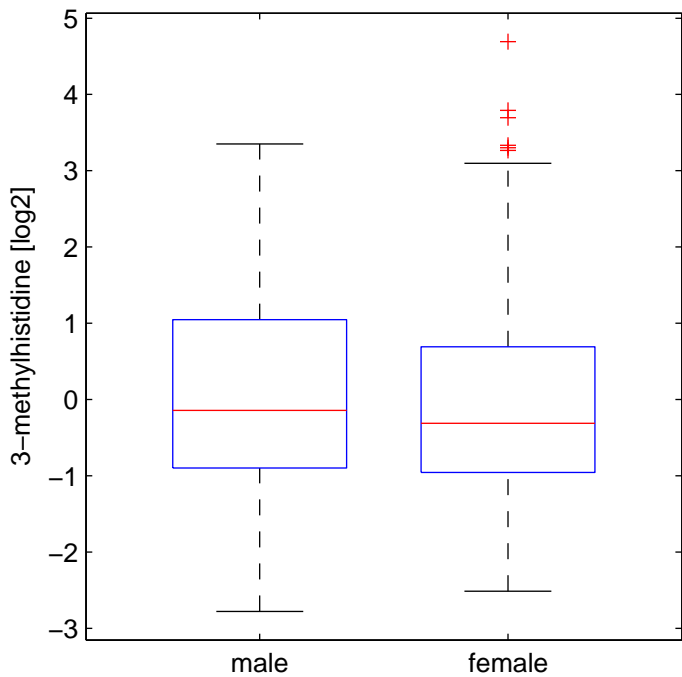
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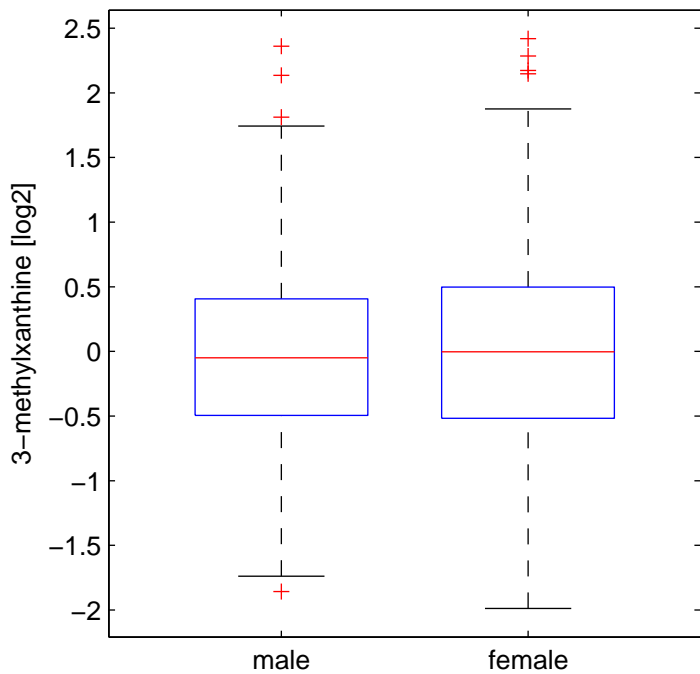
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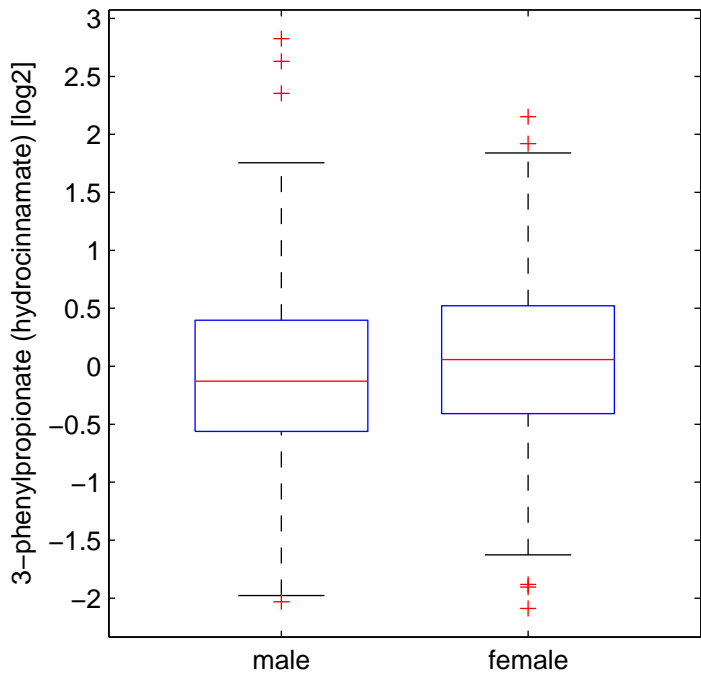
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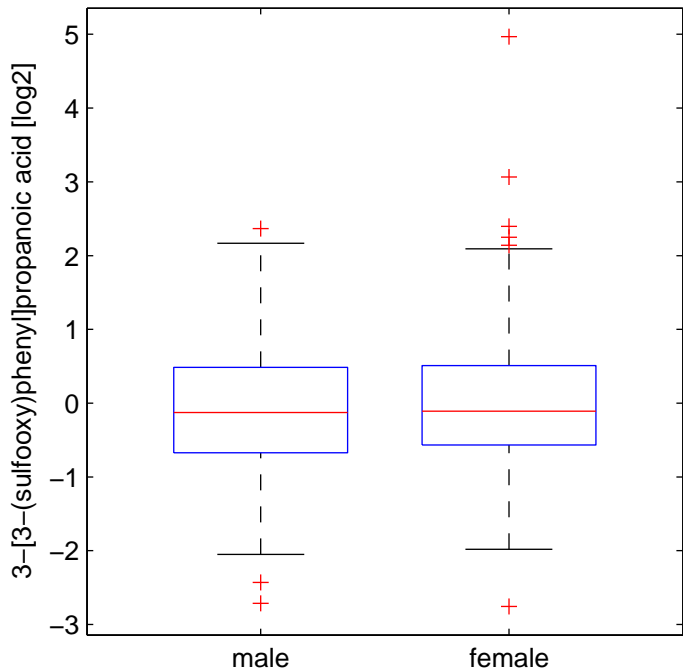
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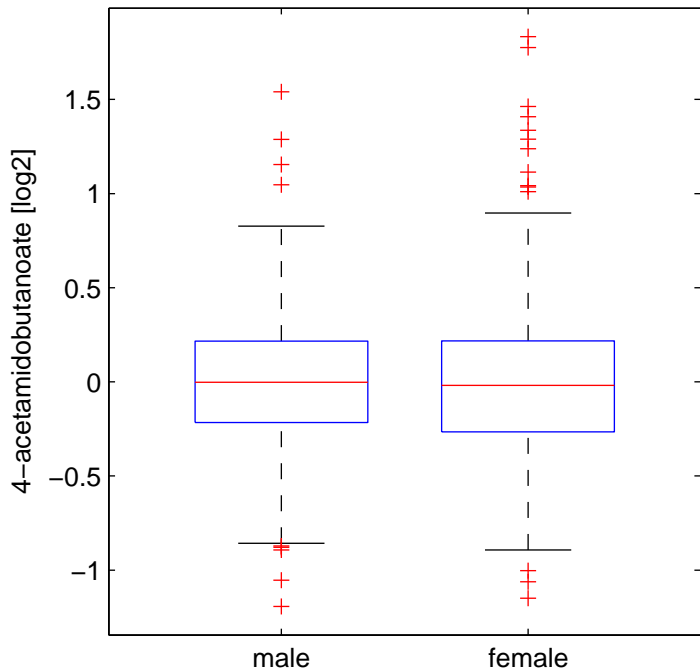
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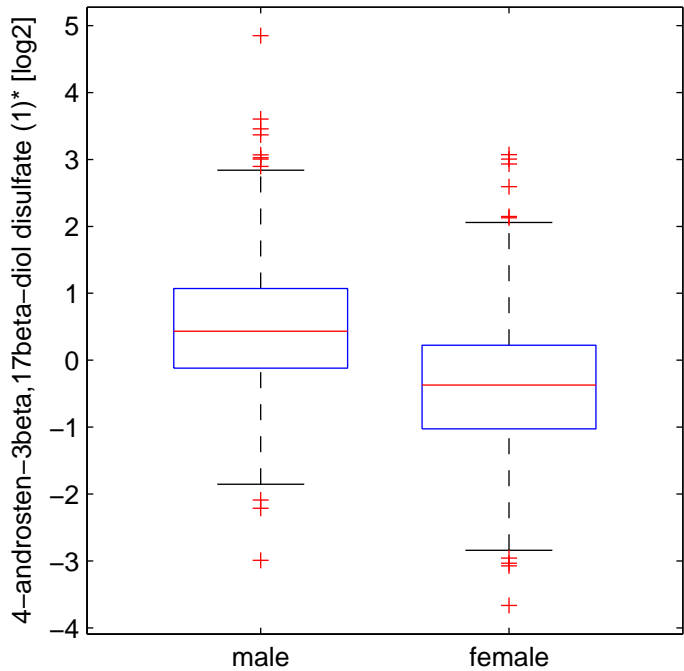
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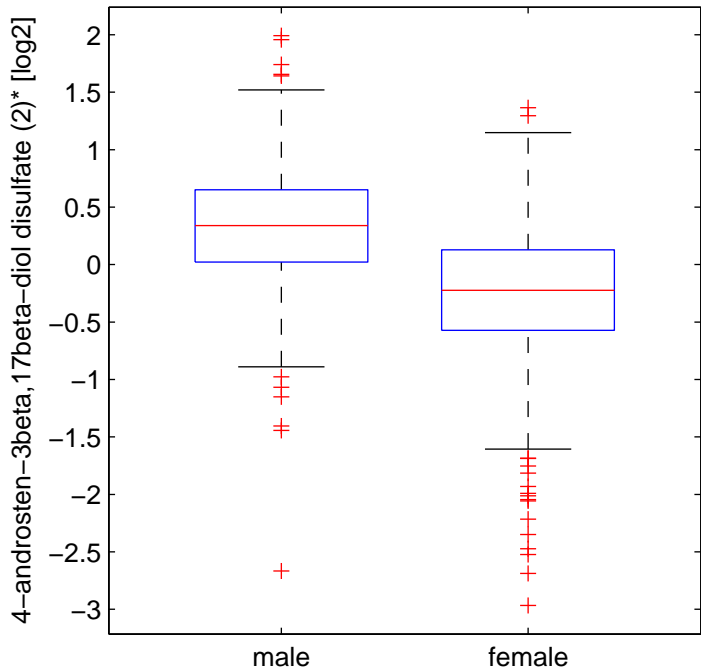
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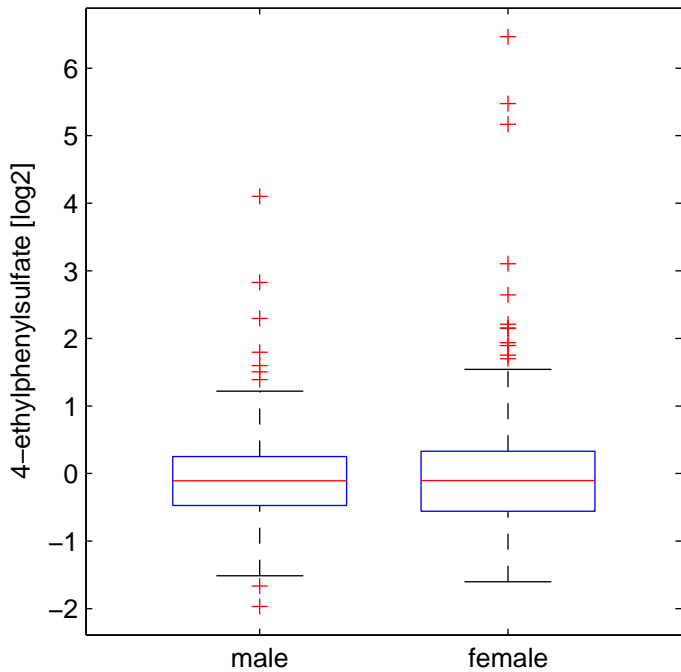
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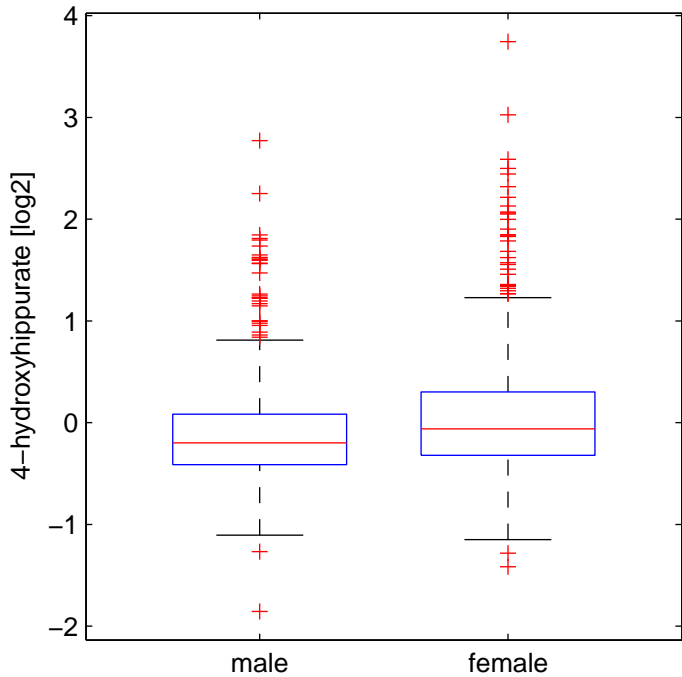
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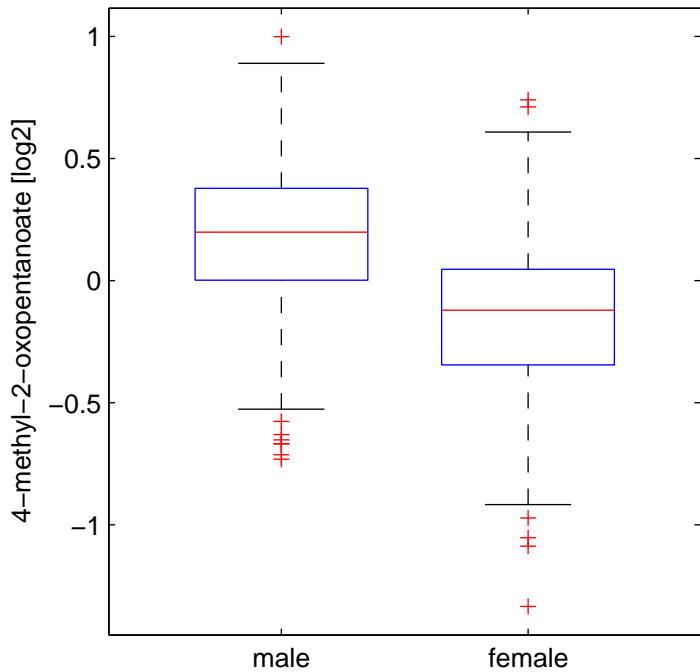
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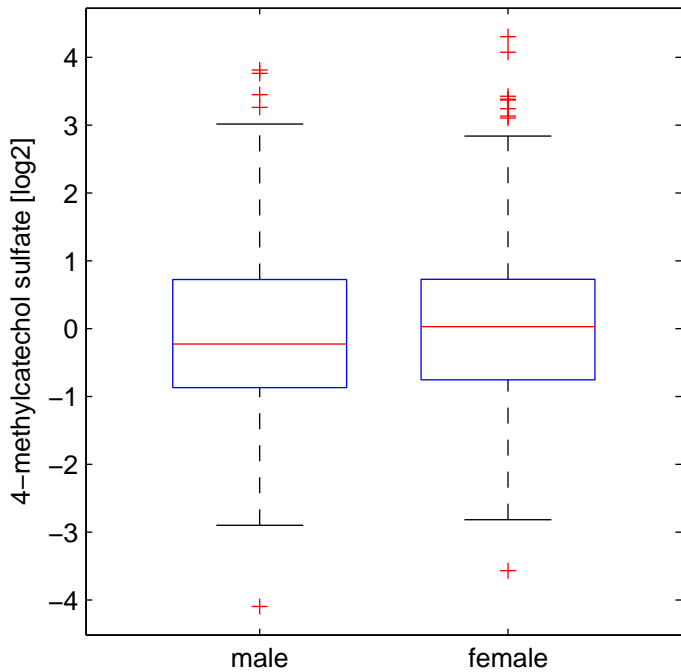
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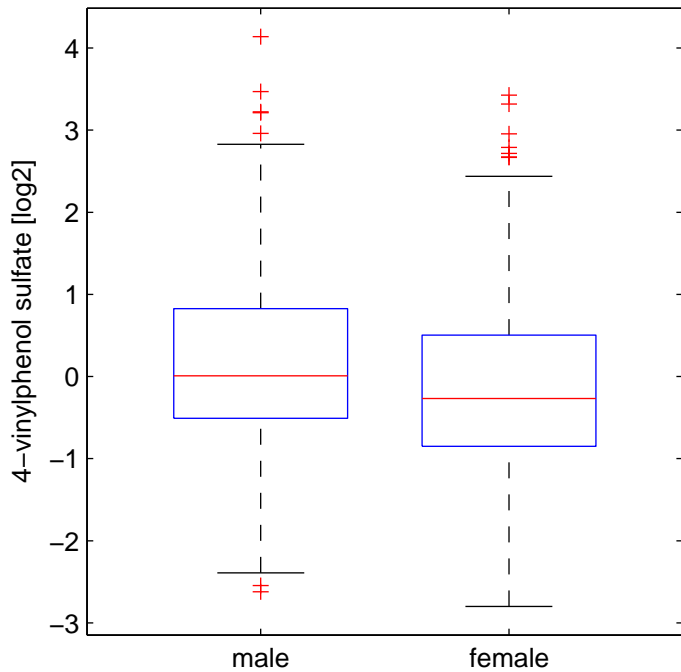
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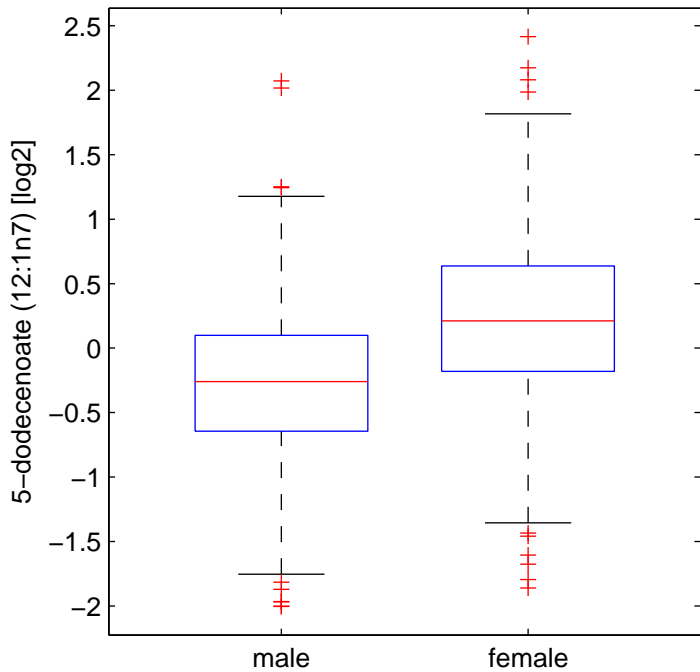
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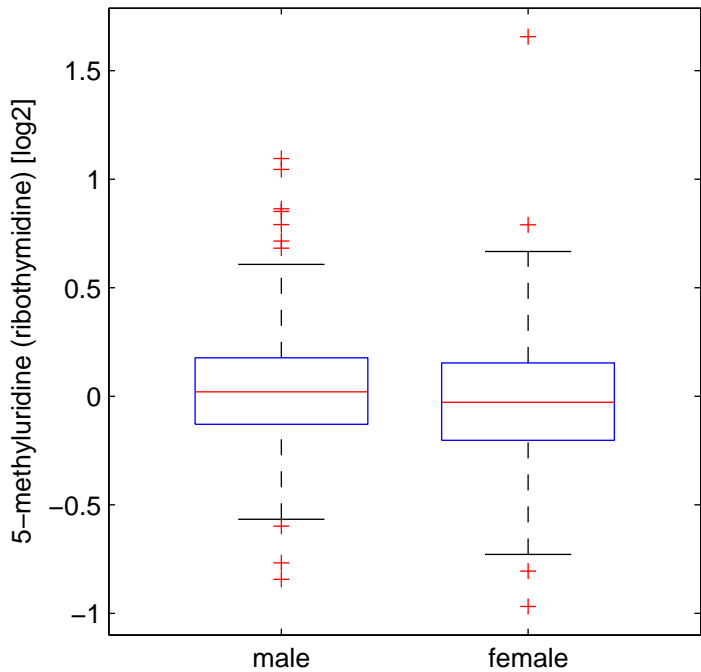
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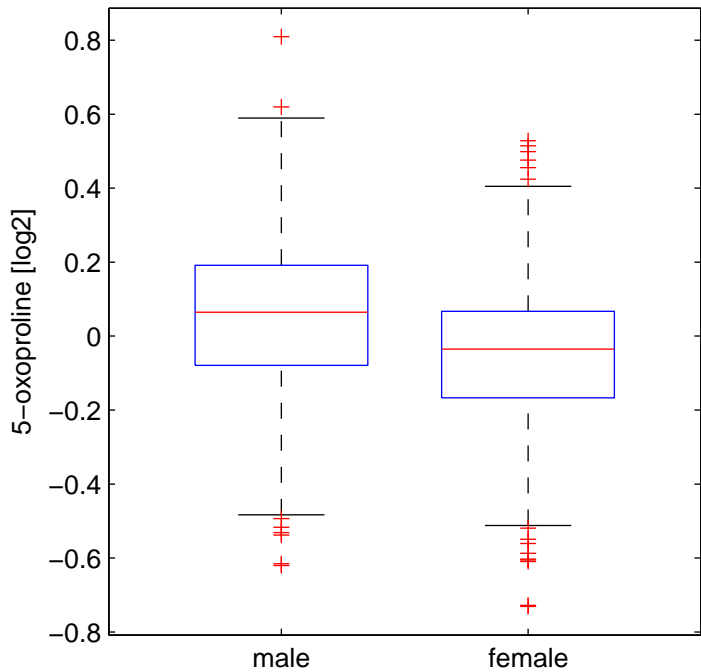
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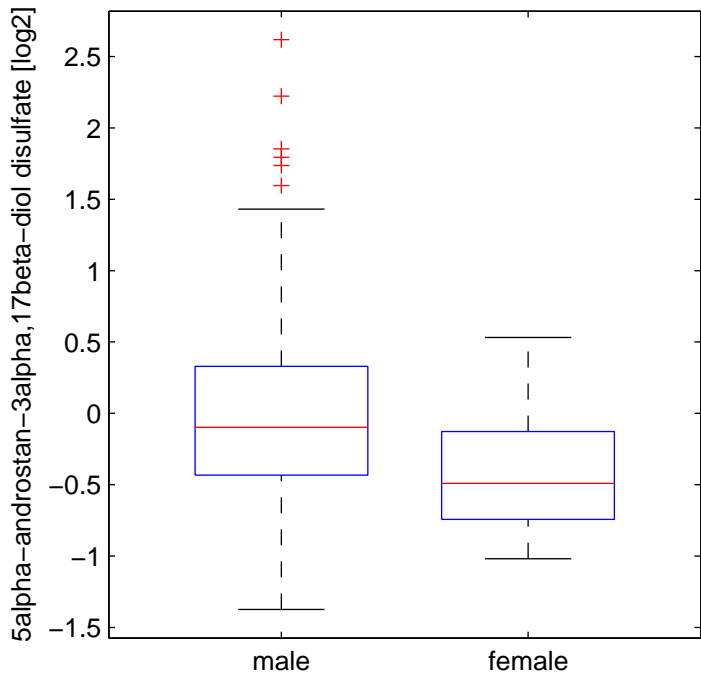
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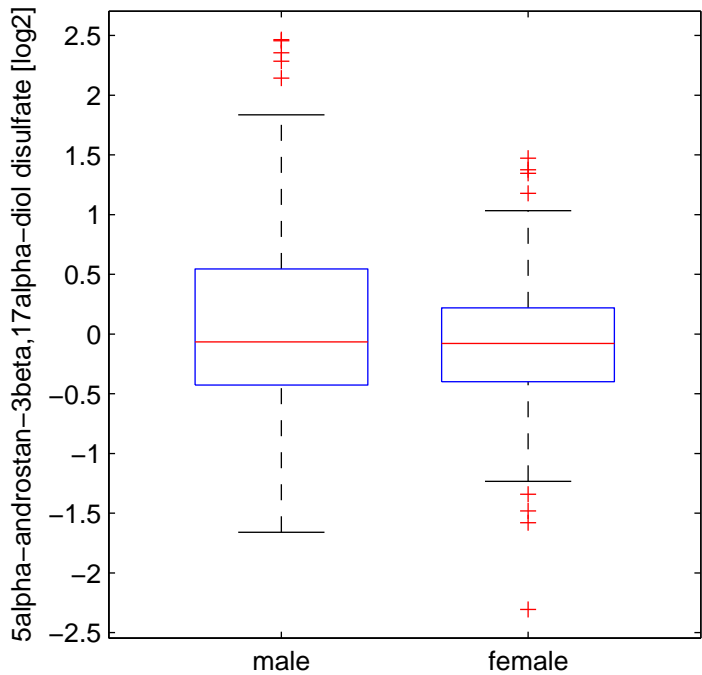
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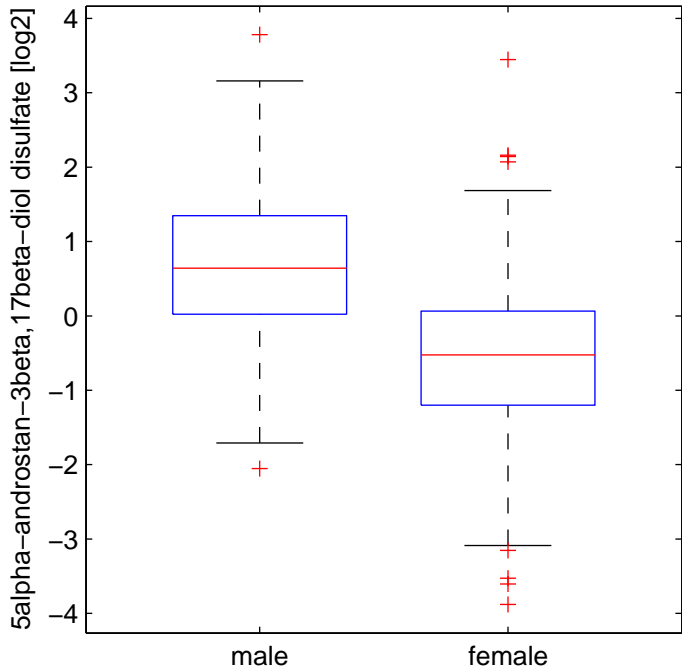
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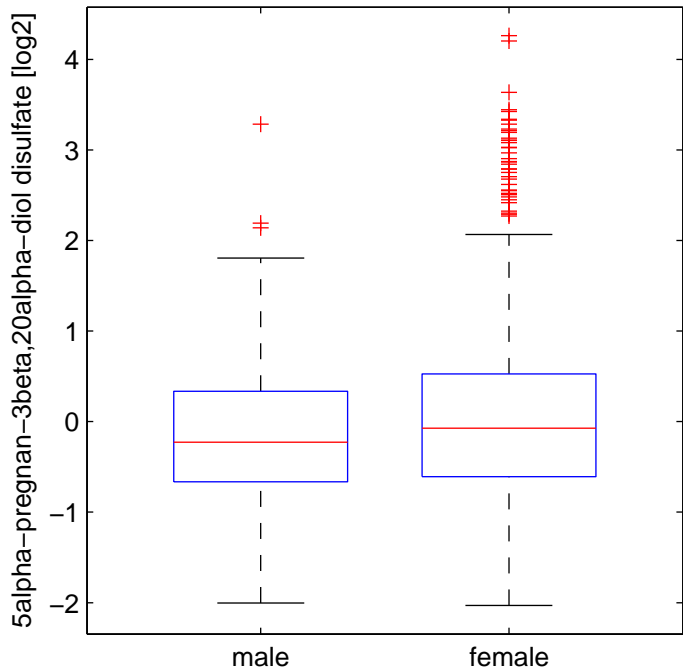
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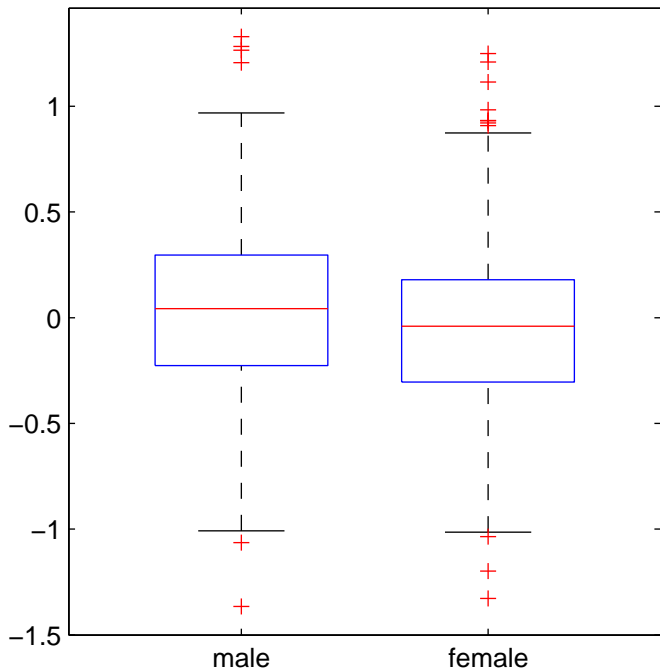


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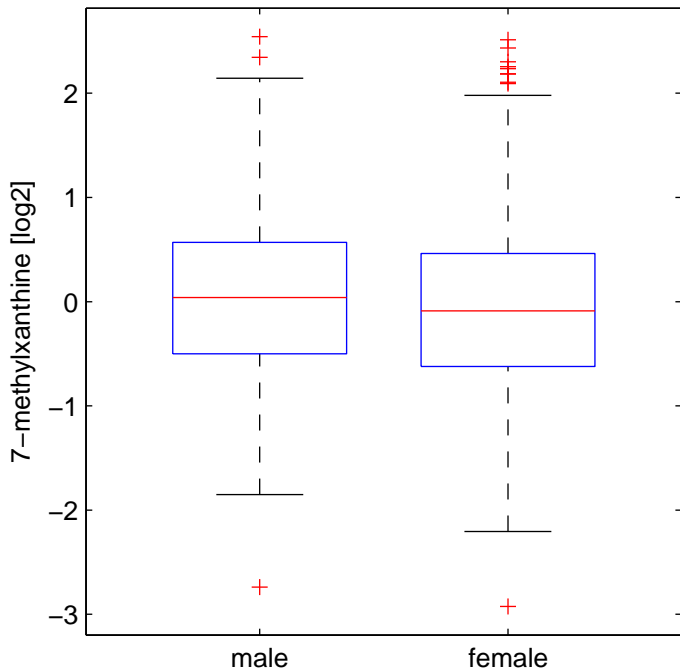


7- α -hydroxy-3-oxo-4-cholestenoate (7-Hoca) [log2]

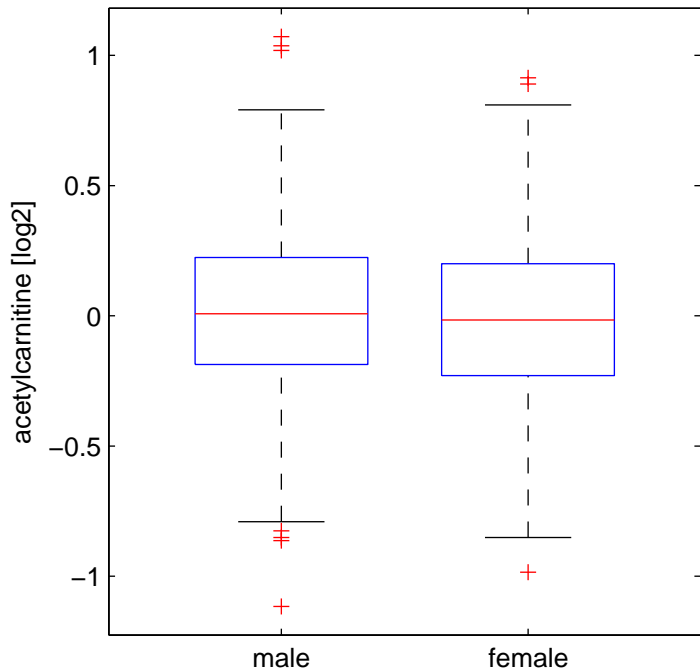
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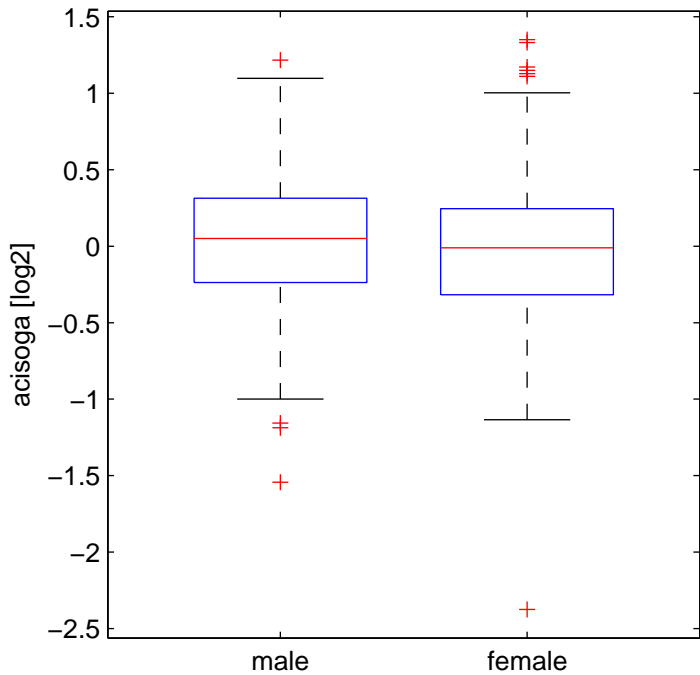
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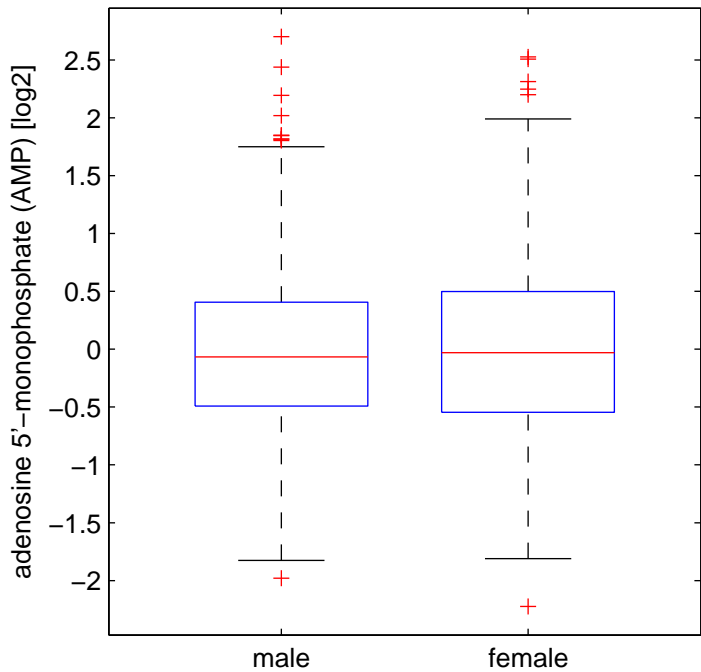
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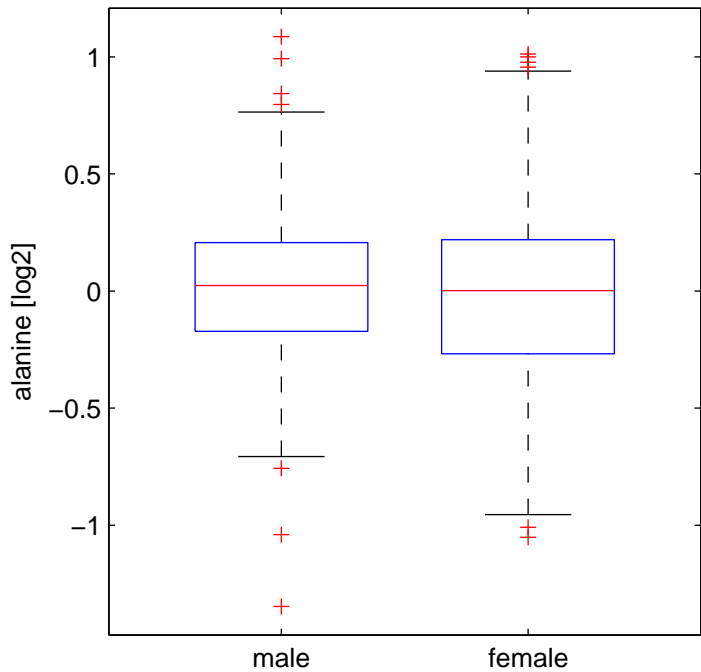
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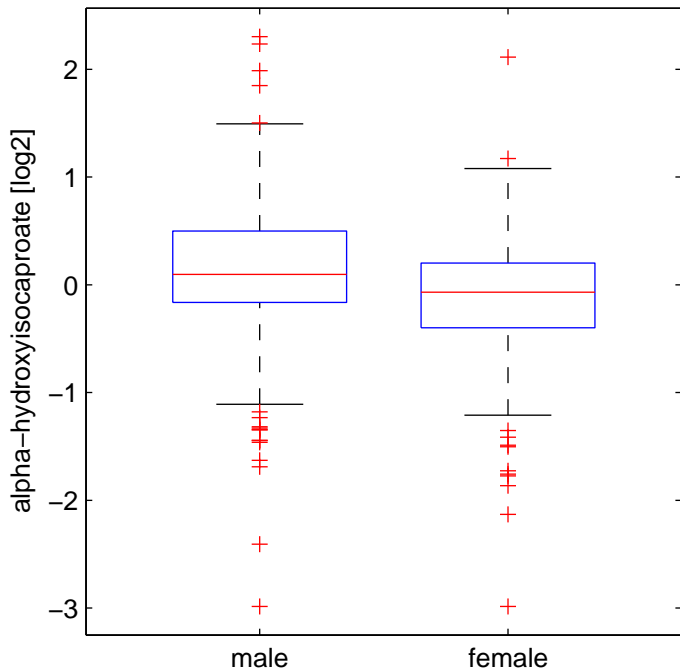
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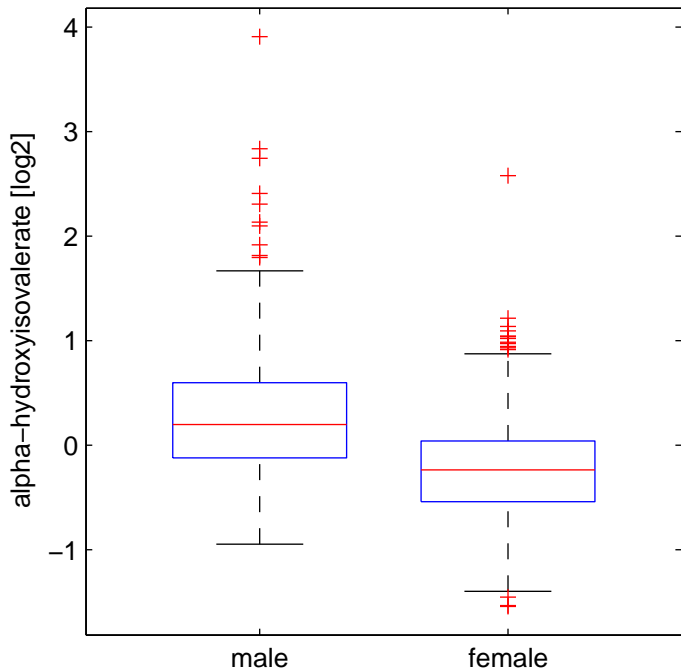
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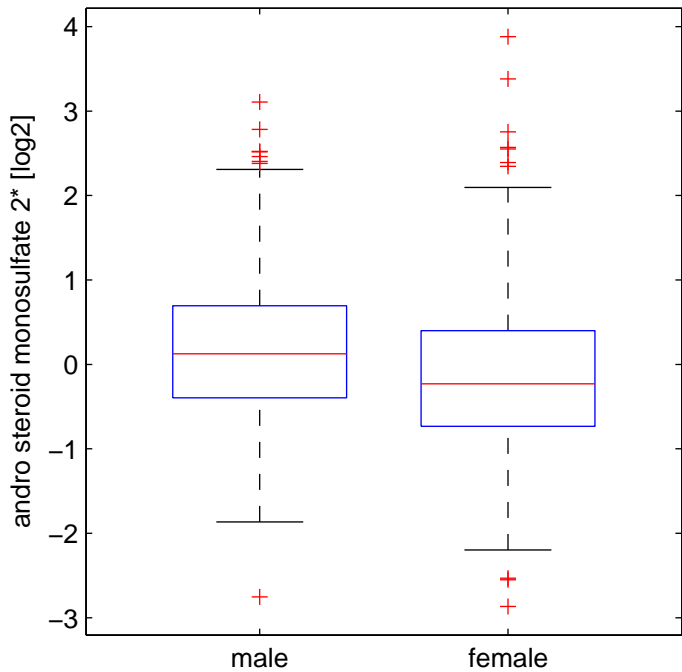
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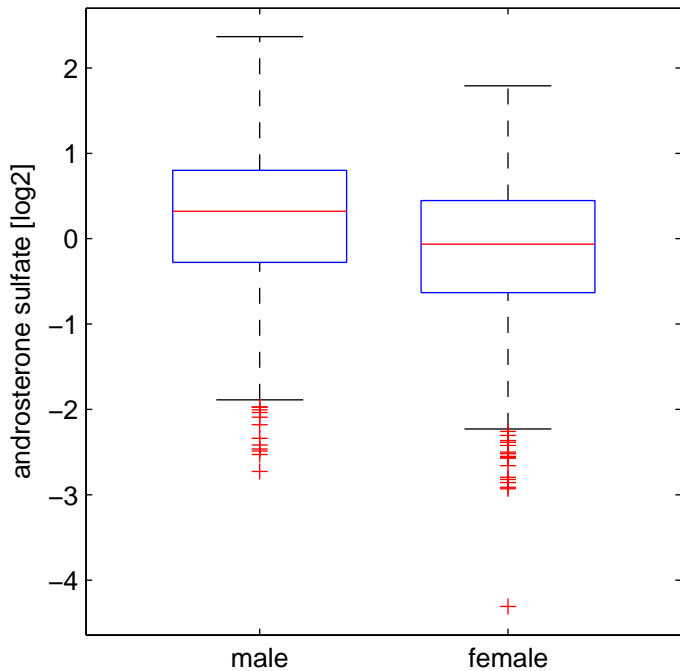
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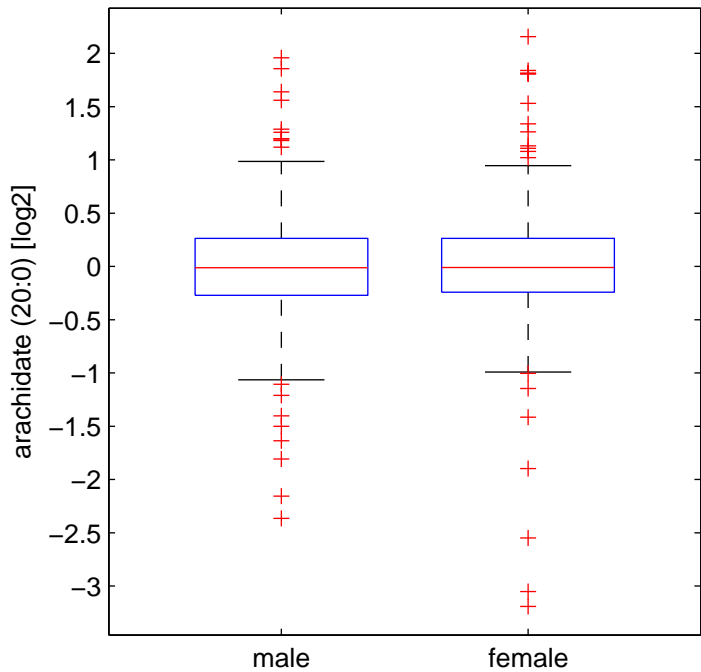
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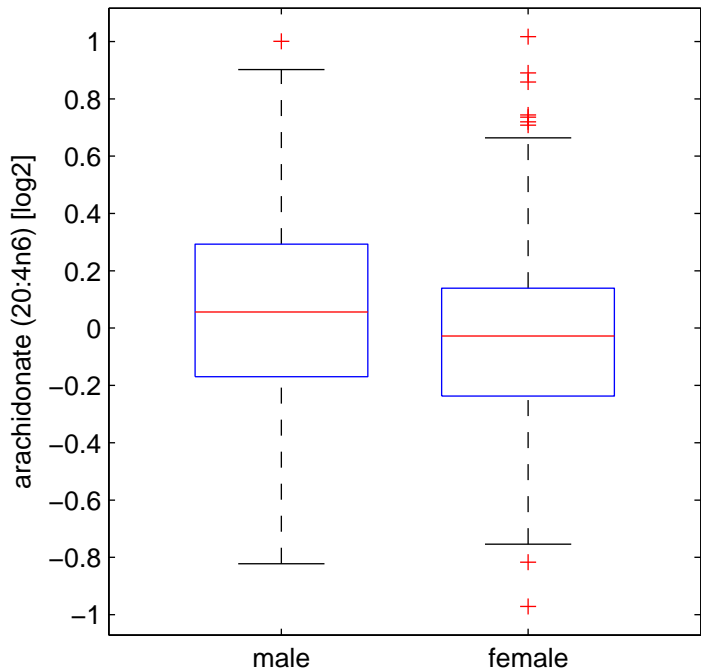
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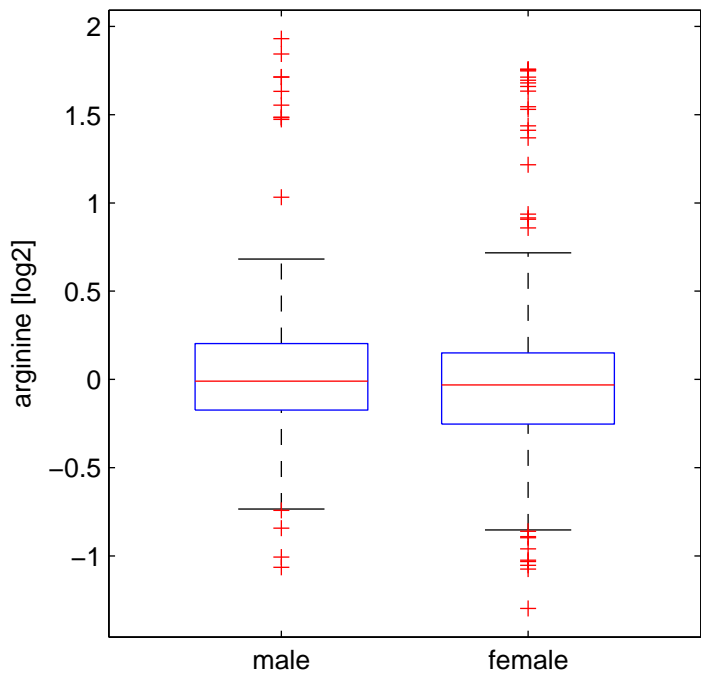
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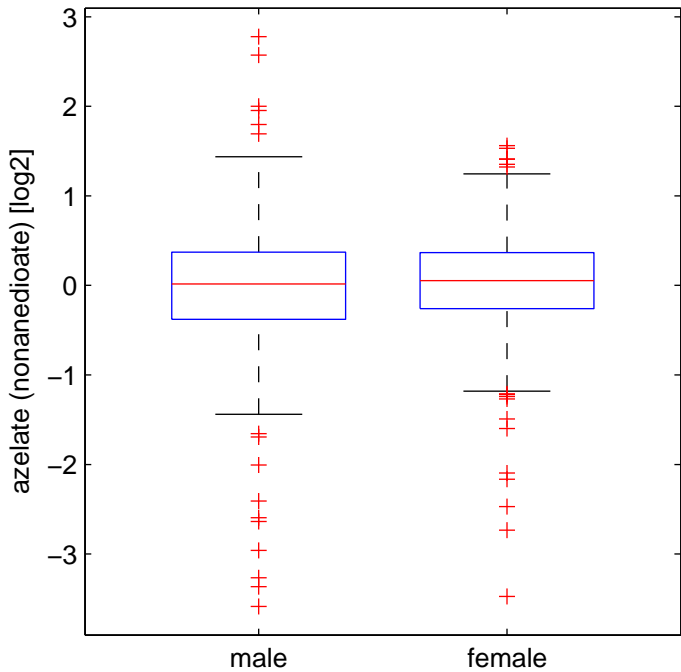
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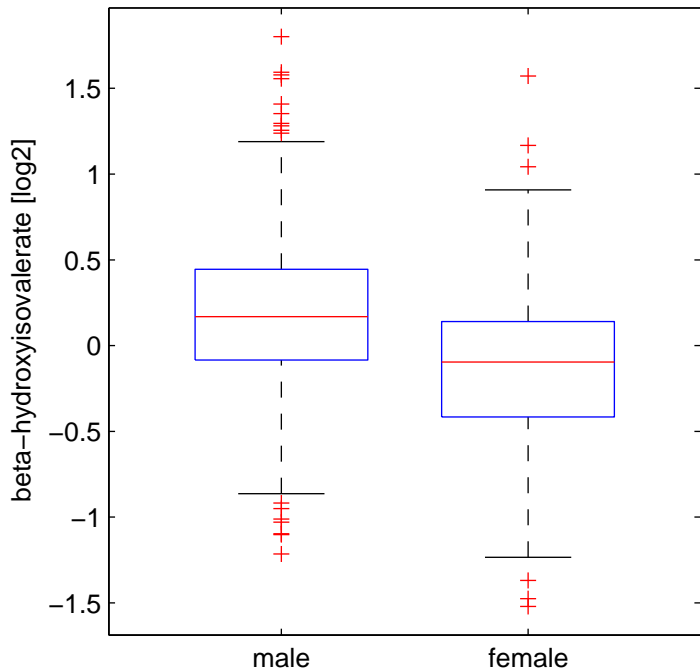
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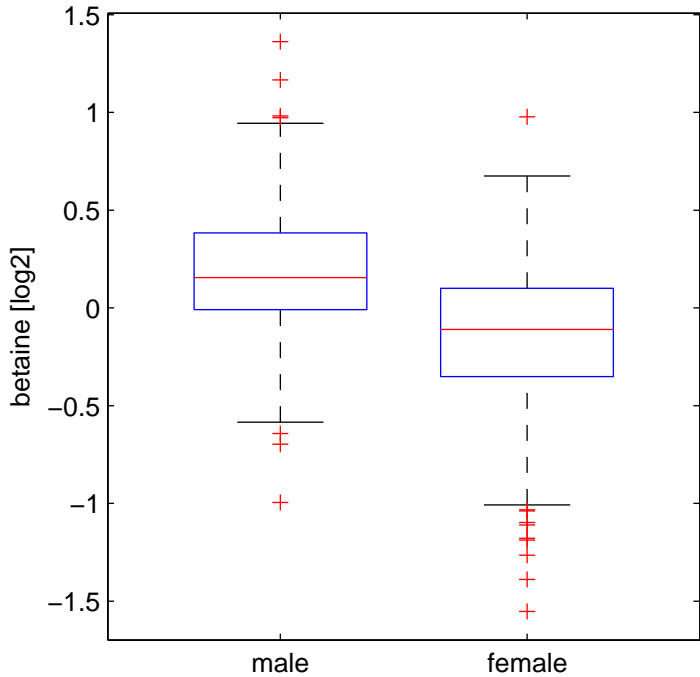
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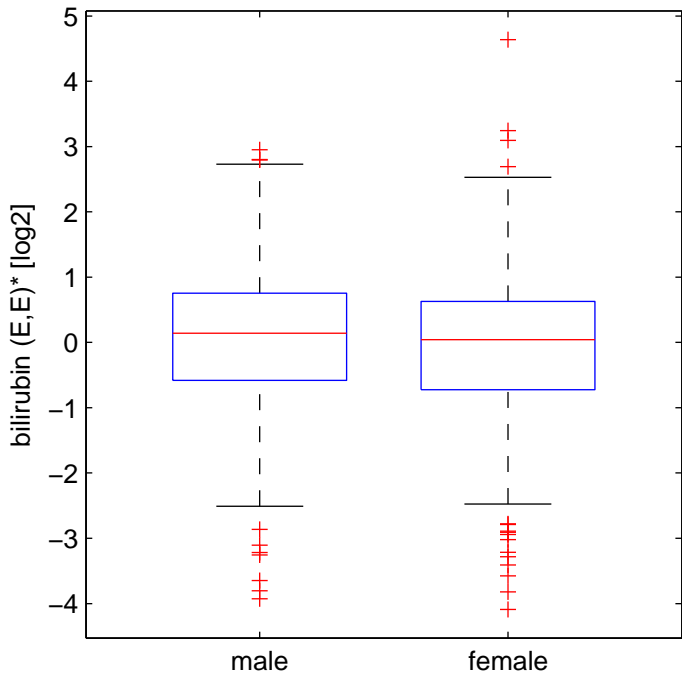
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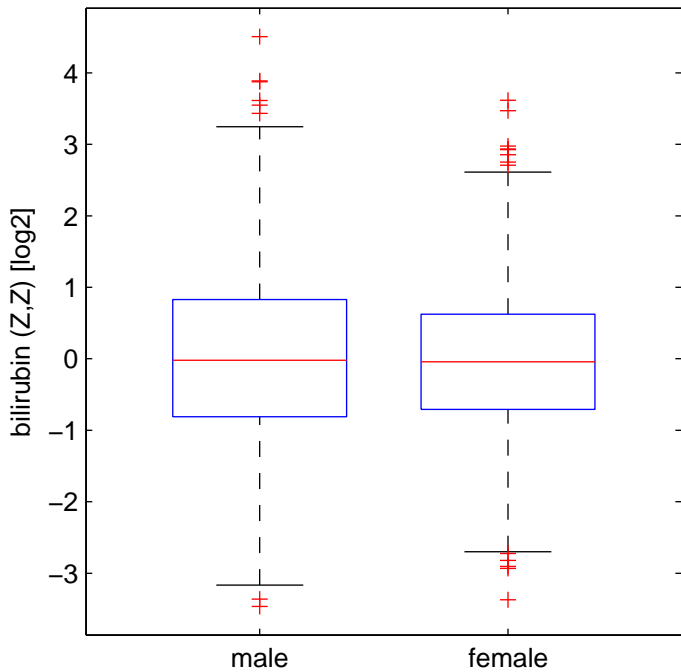
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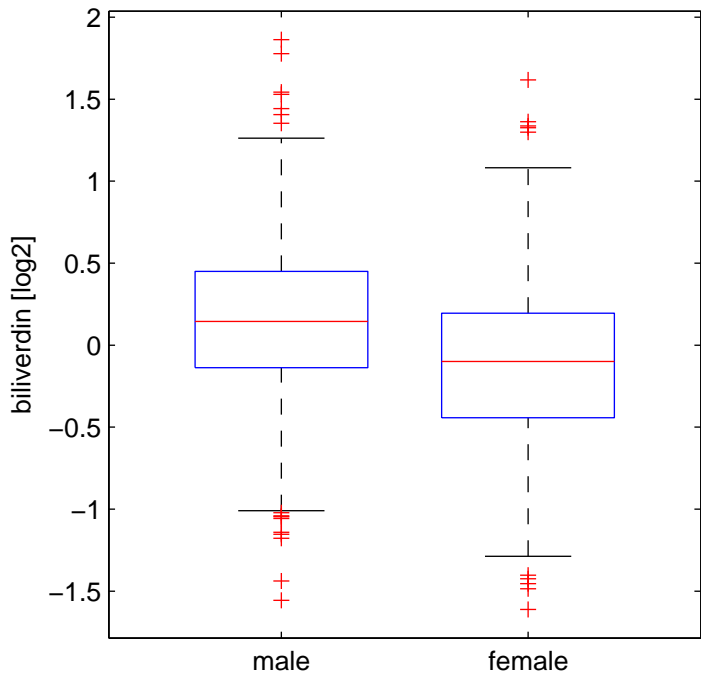
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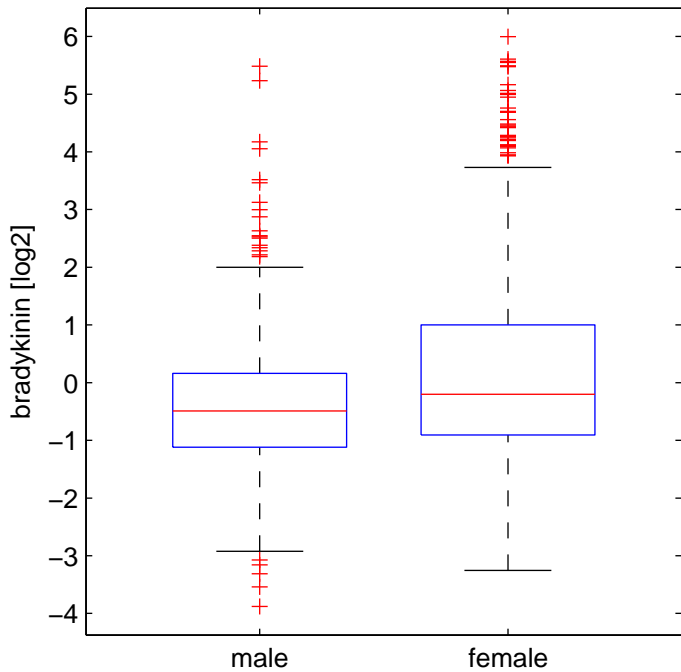
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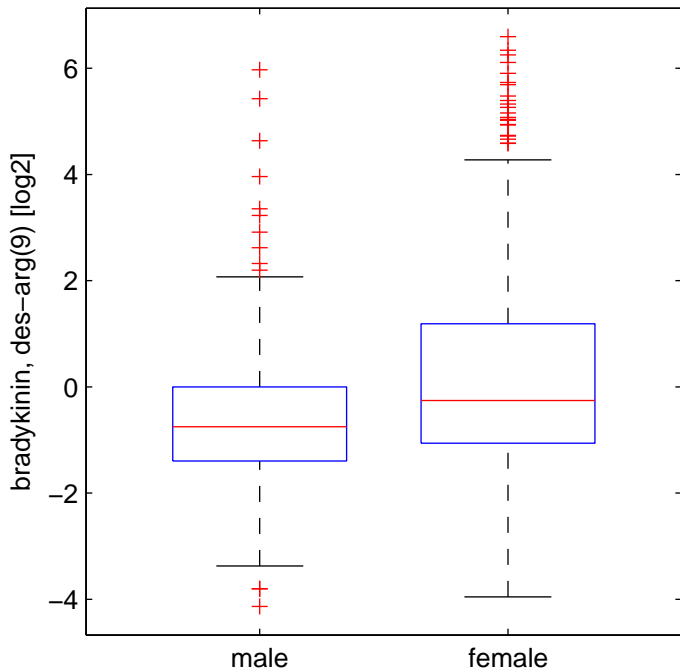
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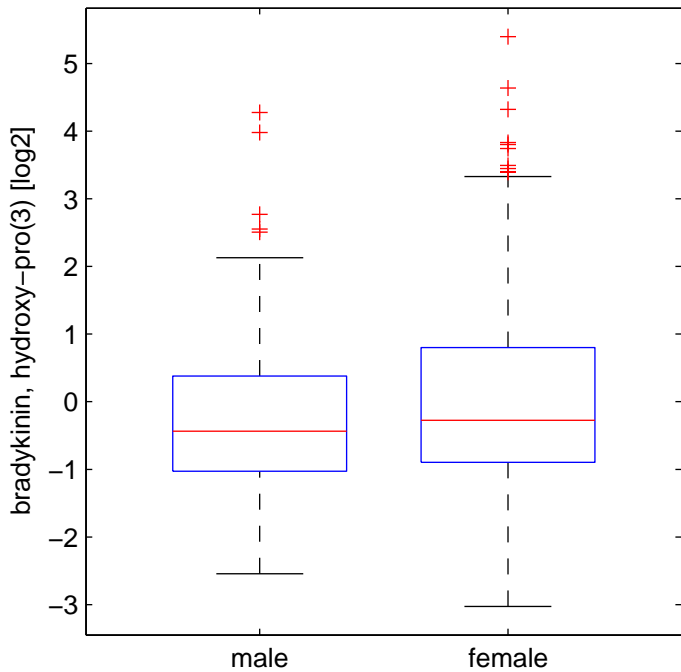
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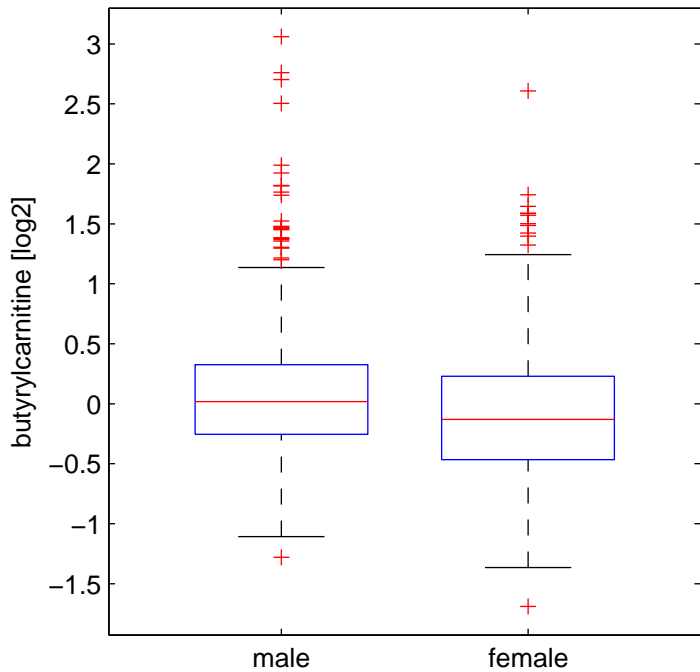
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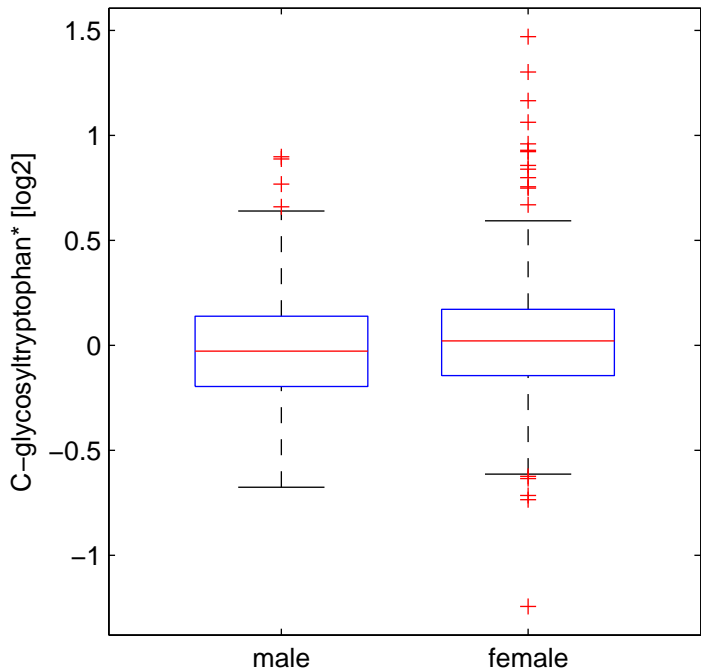
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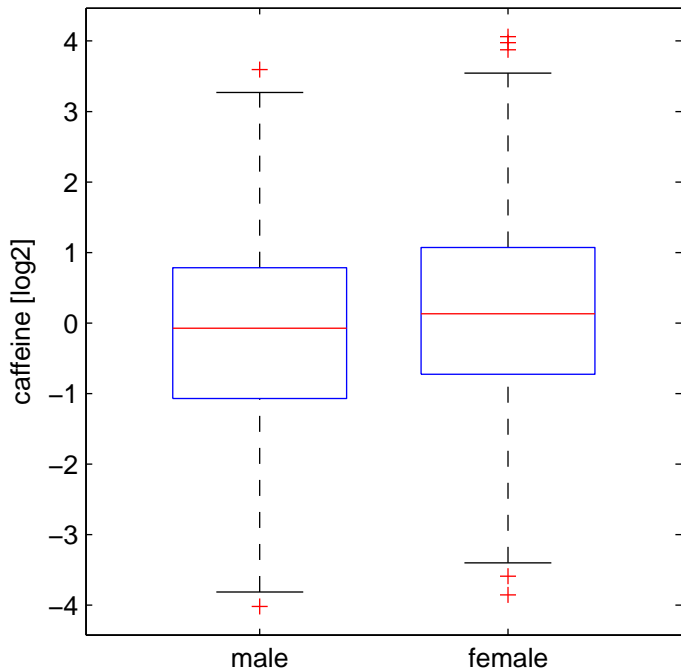
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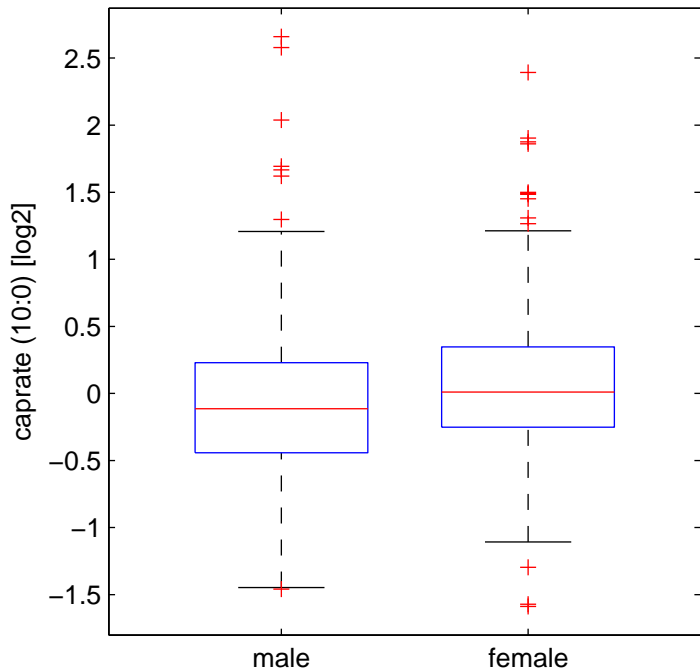
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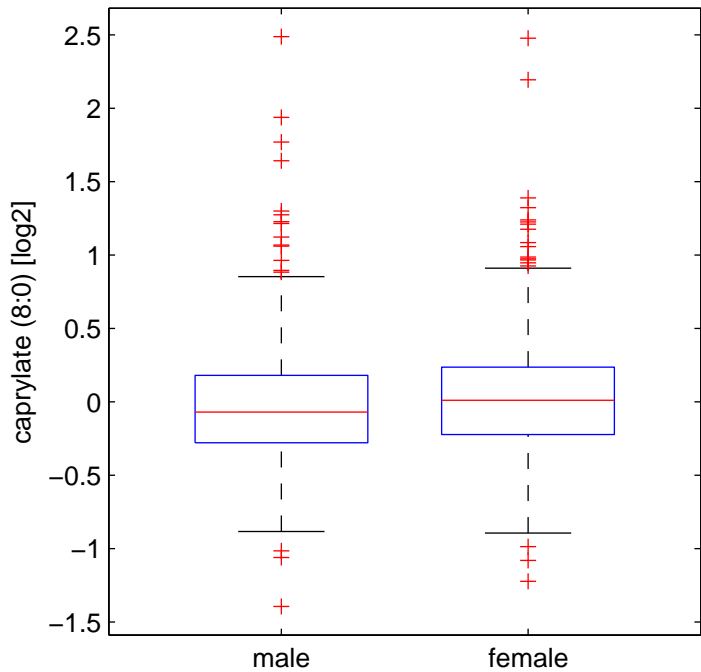
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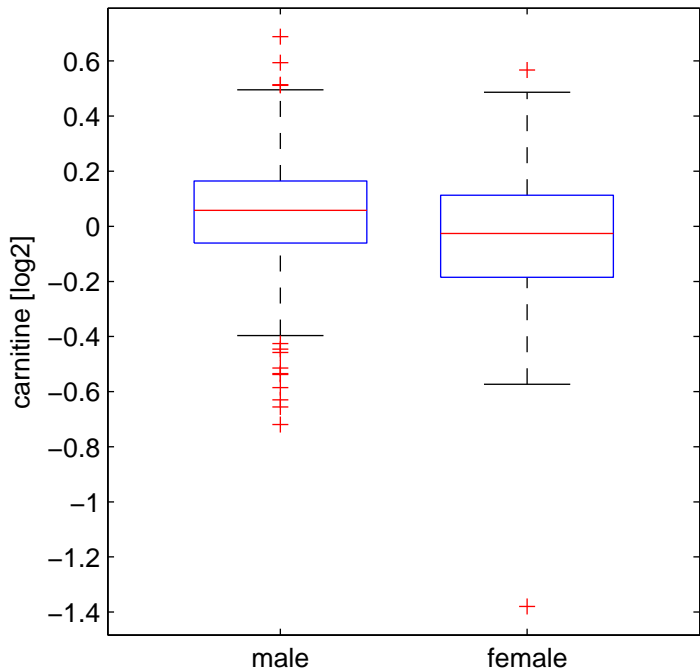
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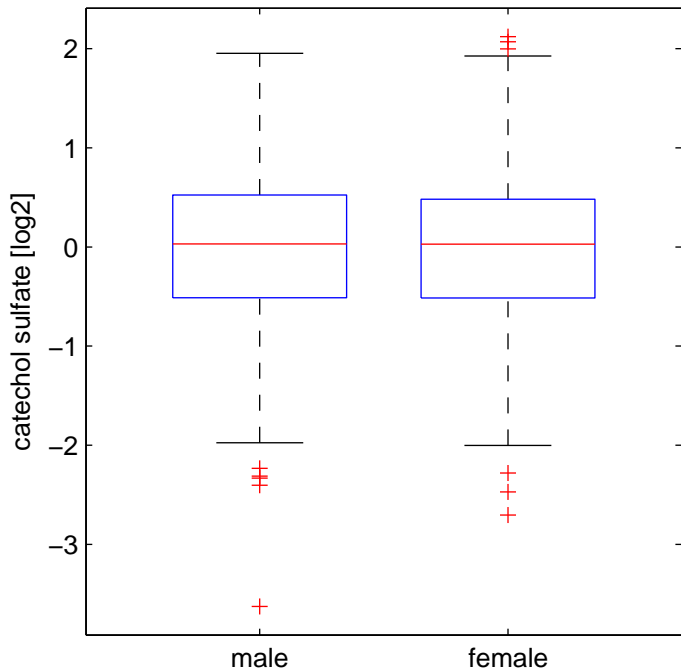
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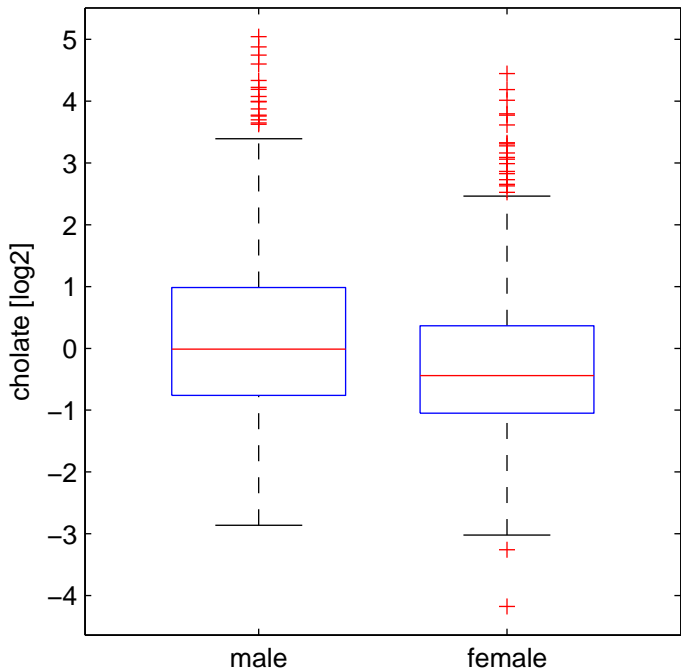
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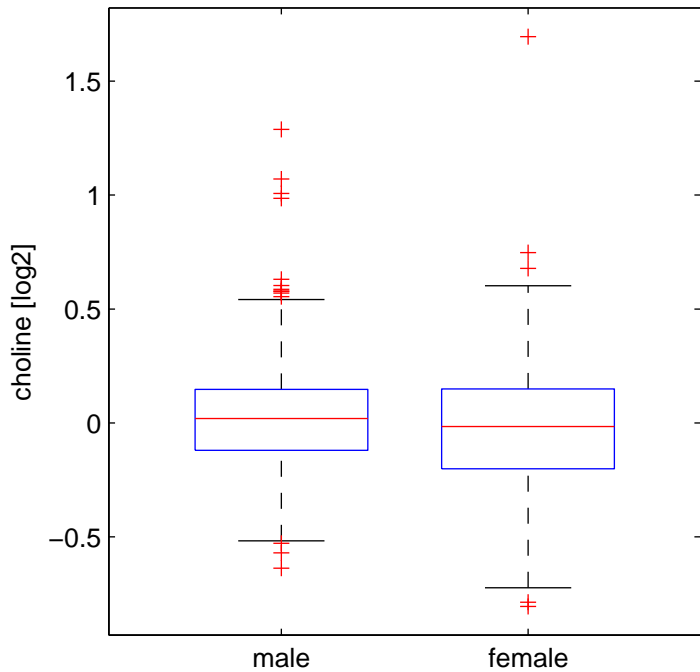
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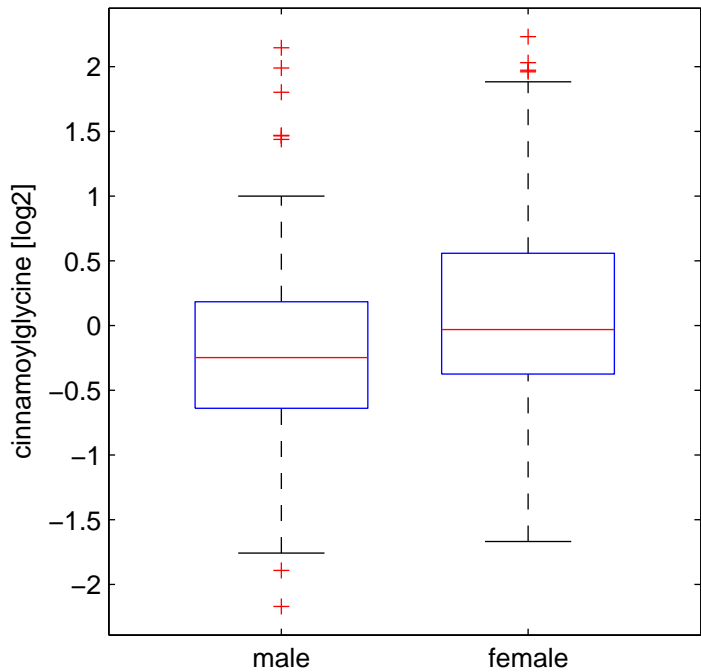
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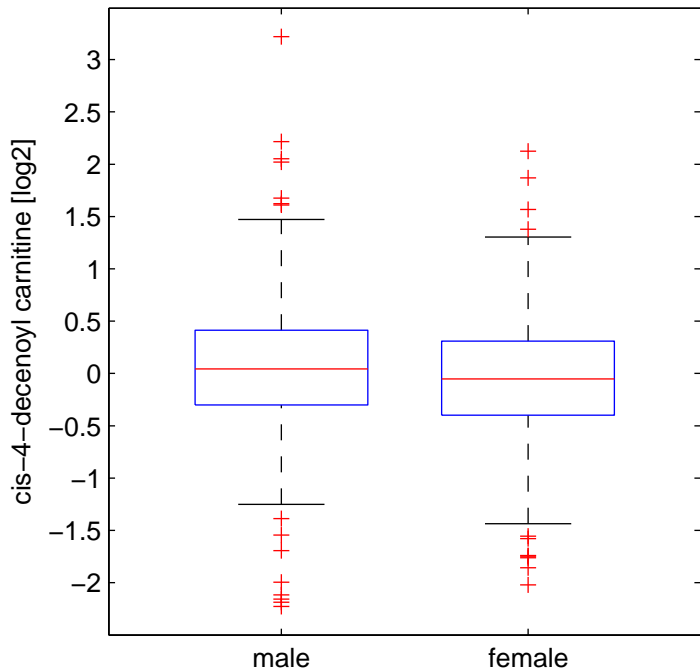
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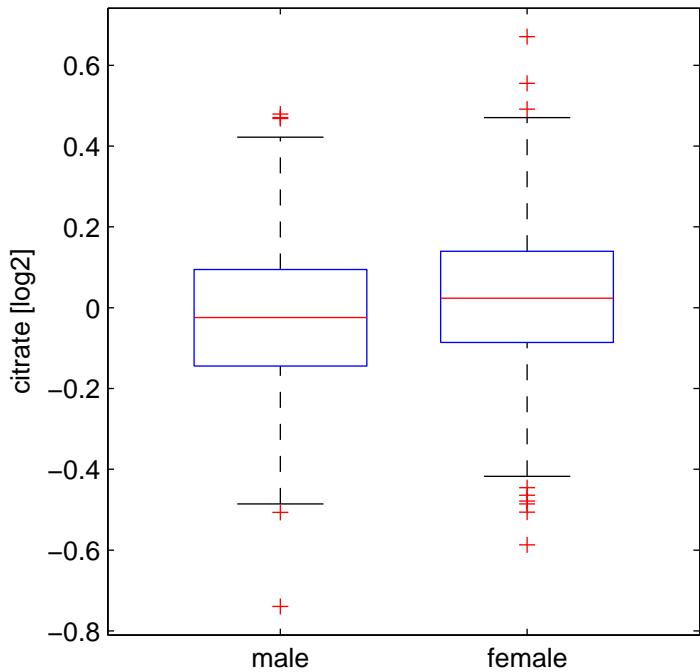
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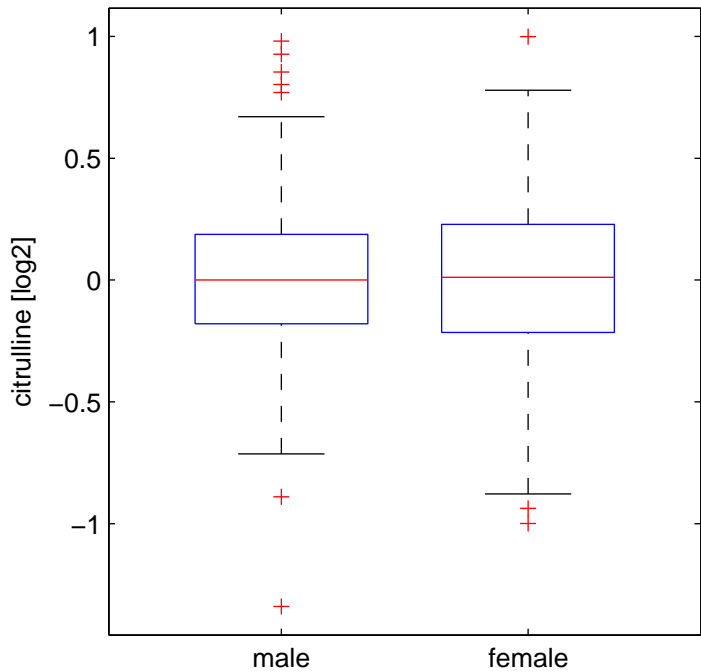
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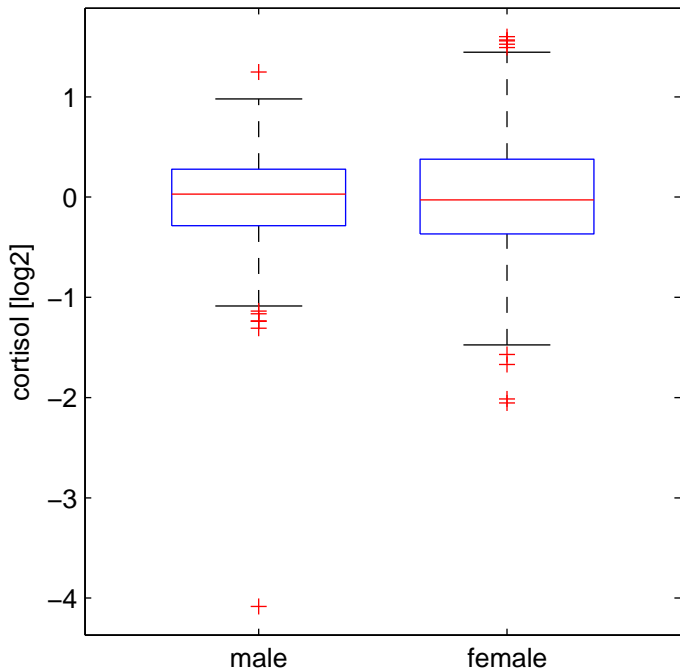
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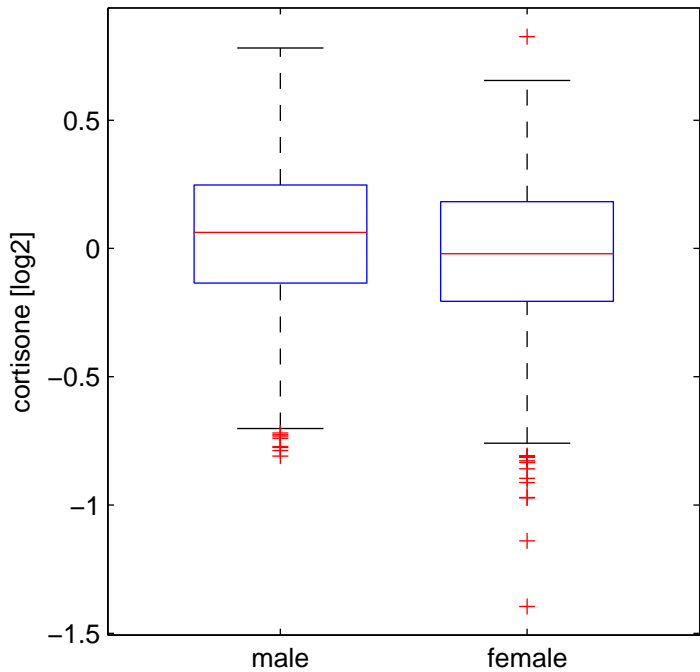
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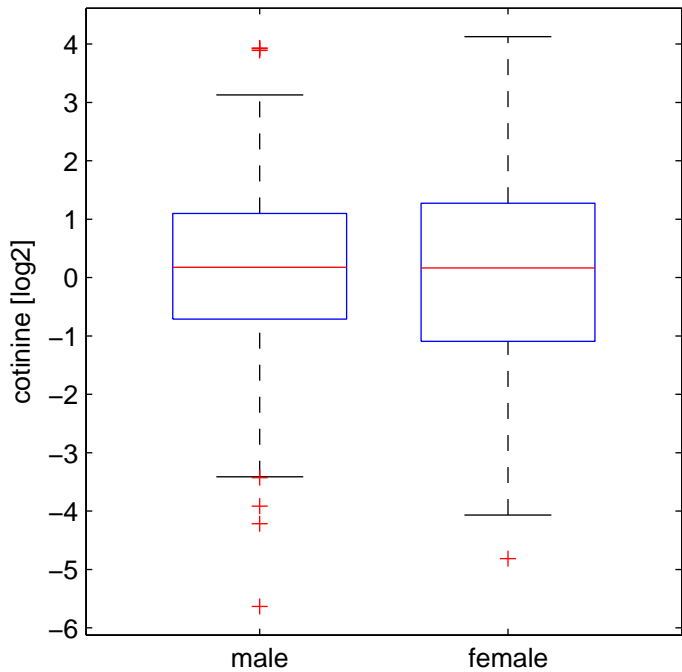
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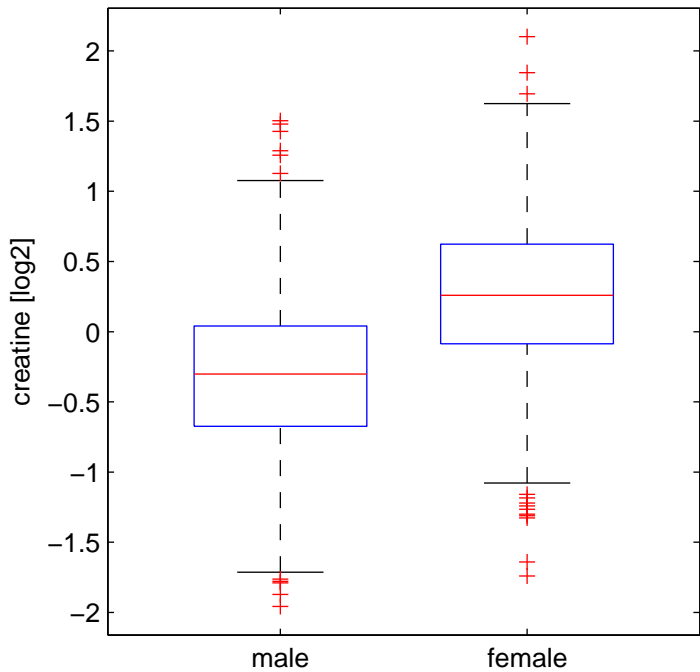
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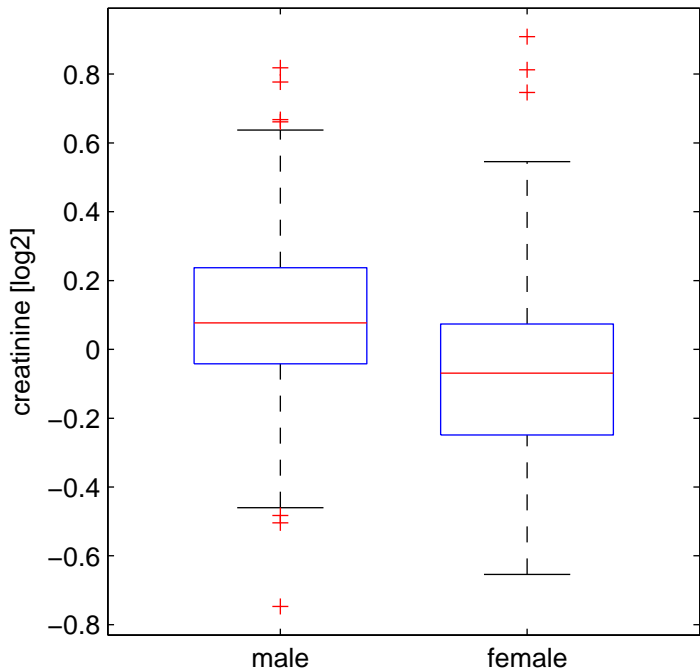
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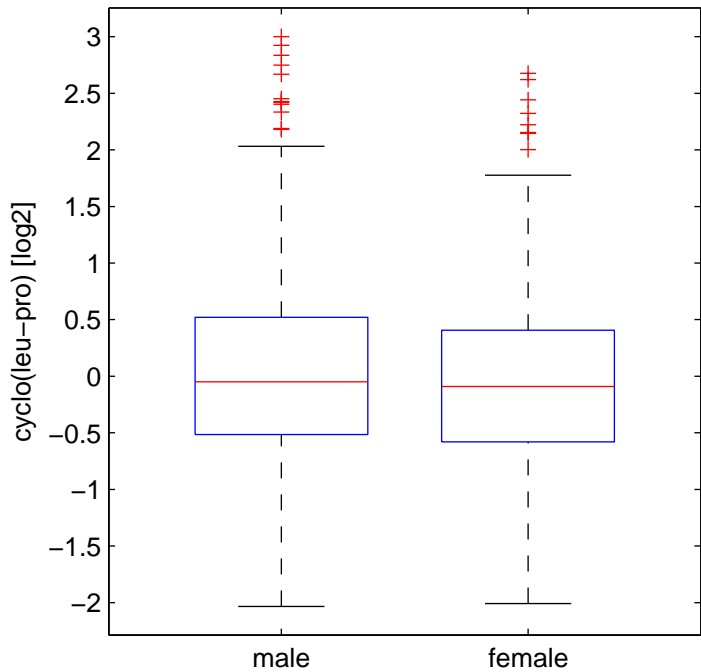
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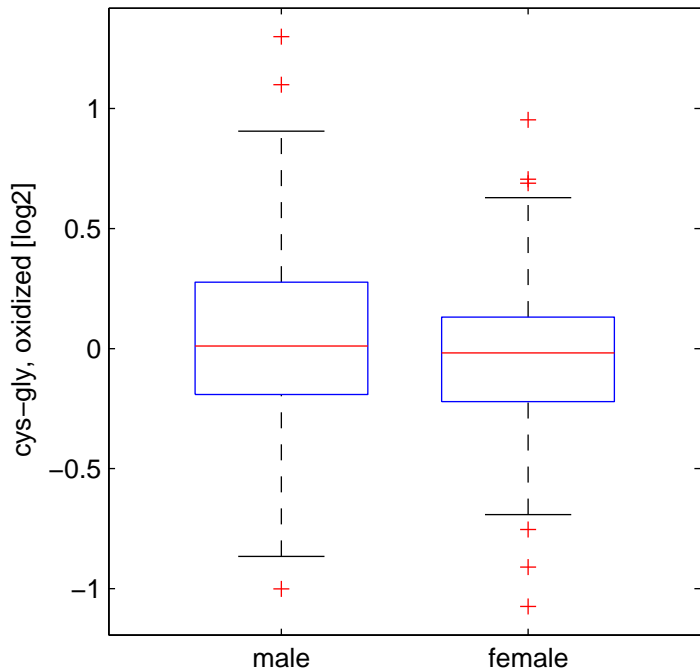
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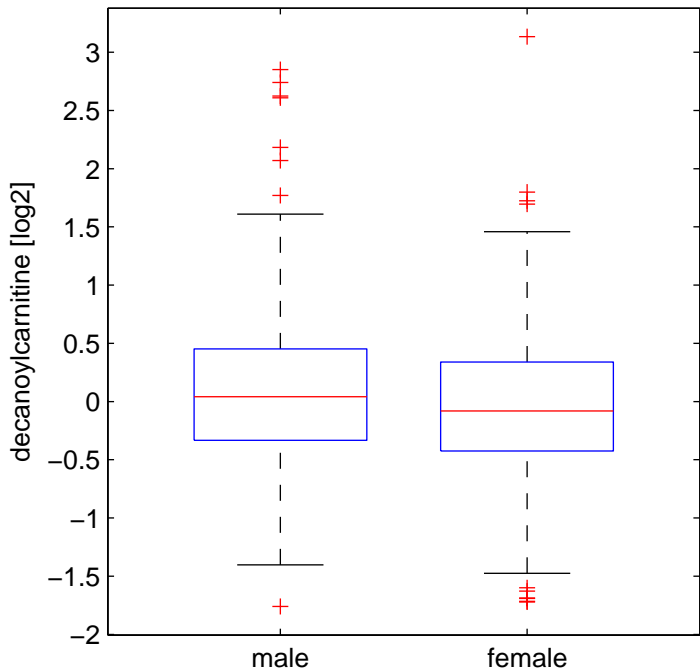
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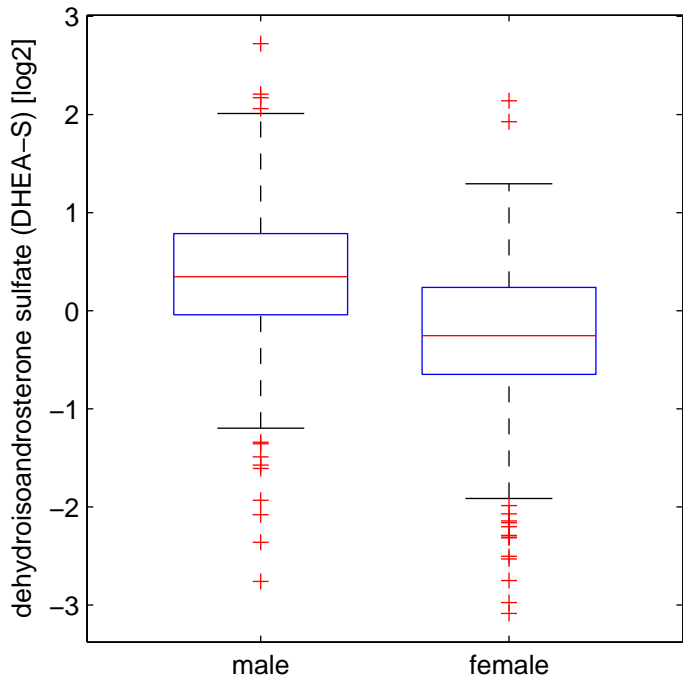
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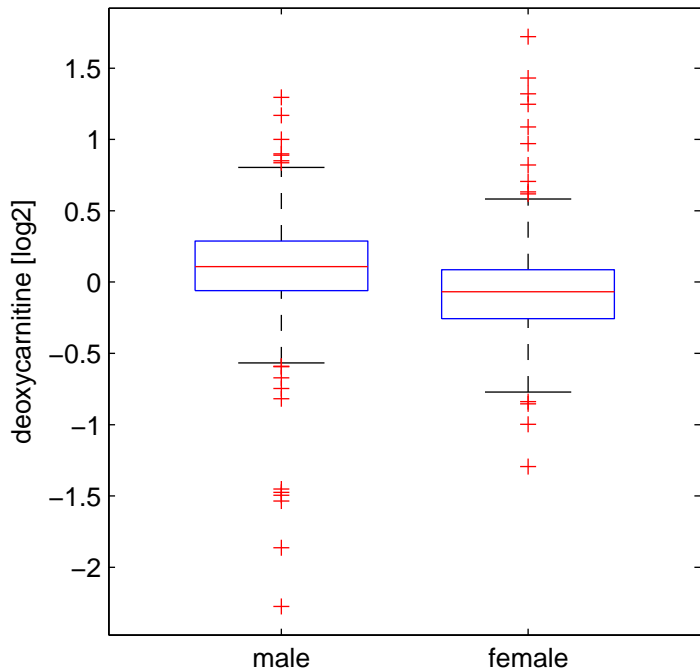
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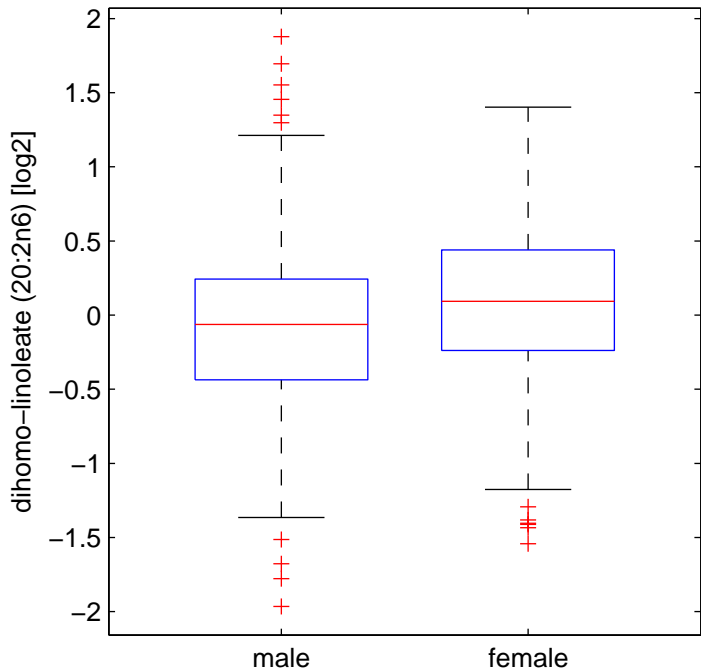
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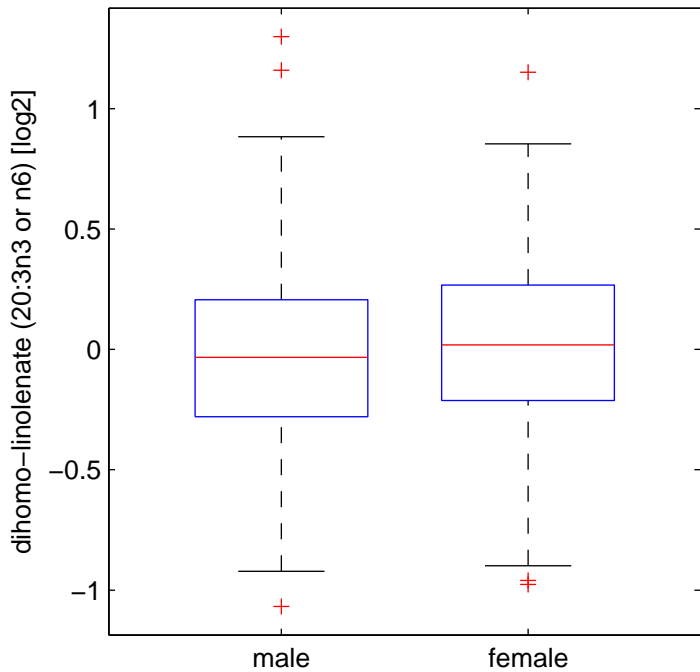
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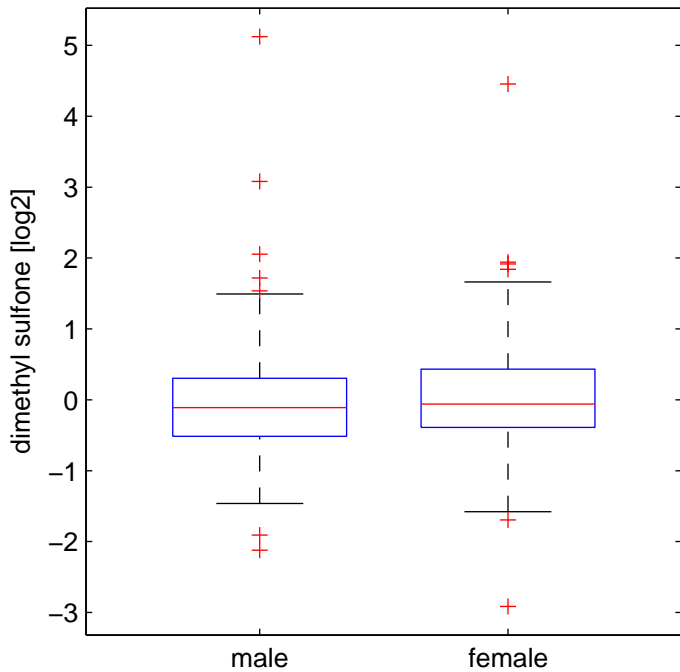
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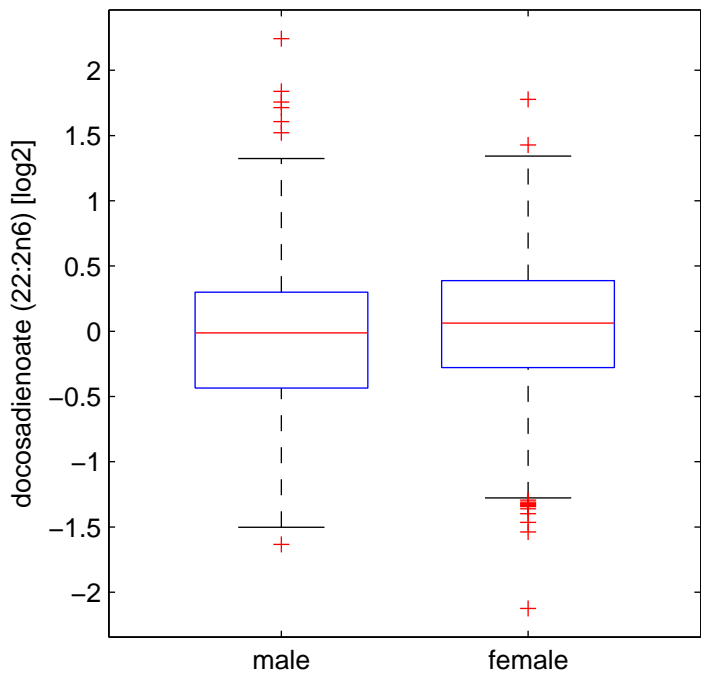
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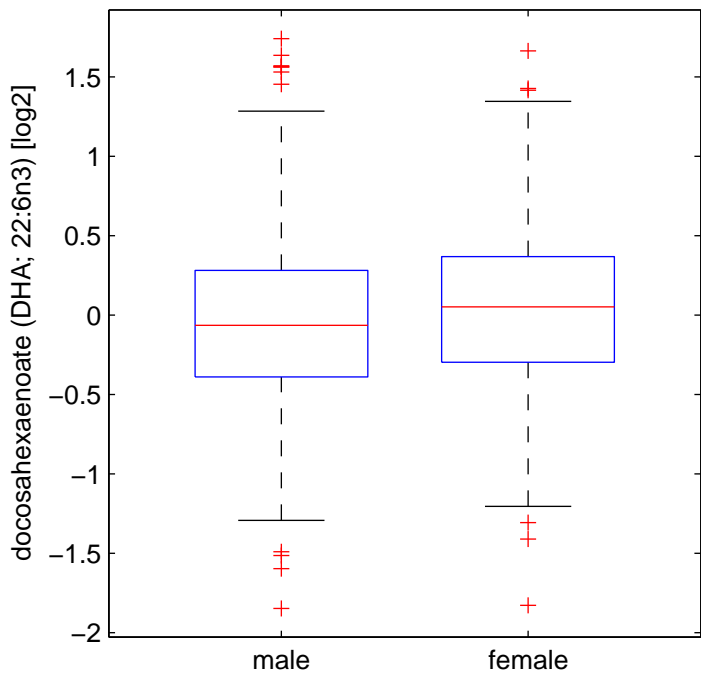
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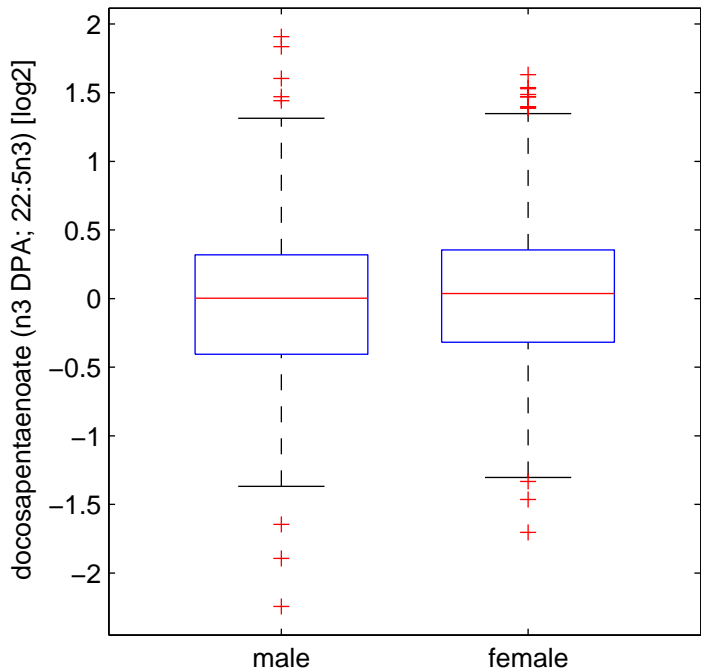
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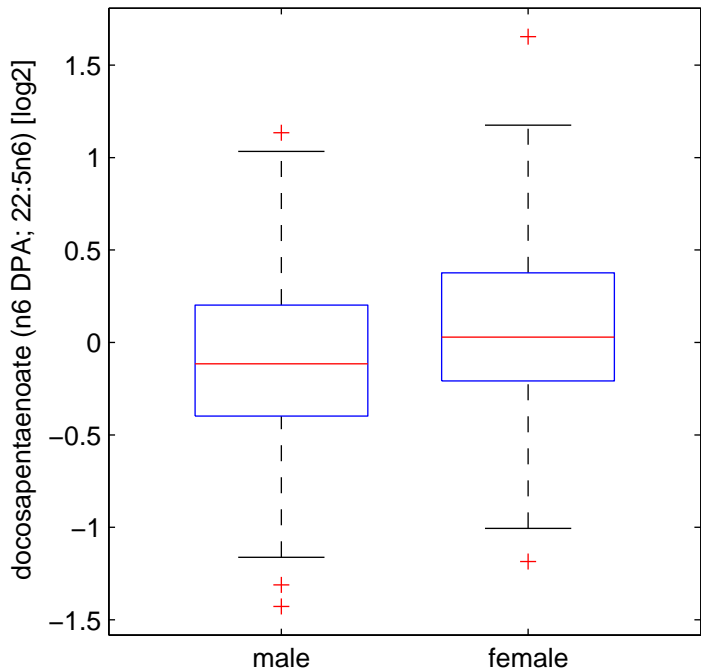
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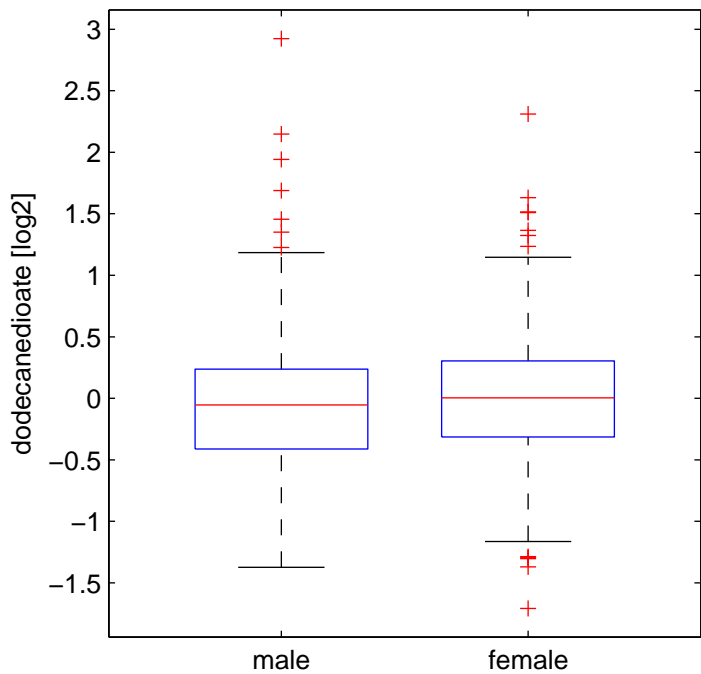
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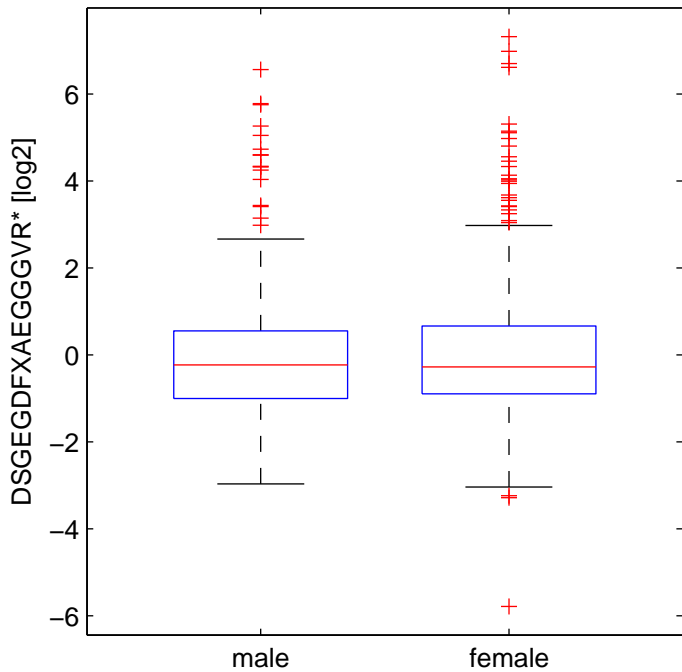
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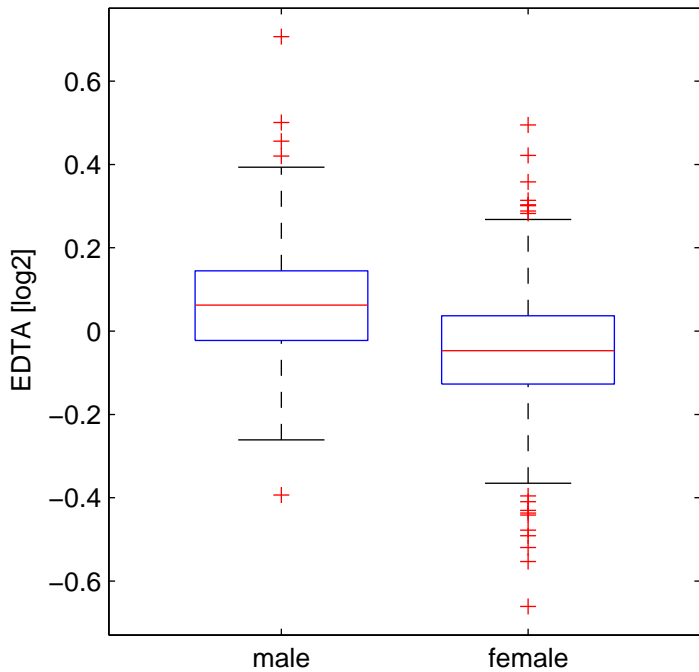
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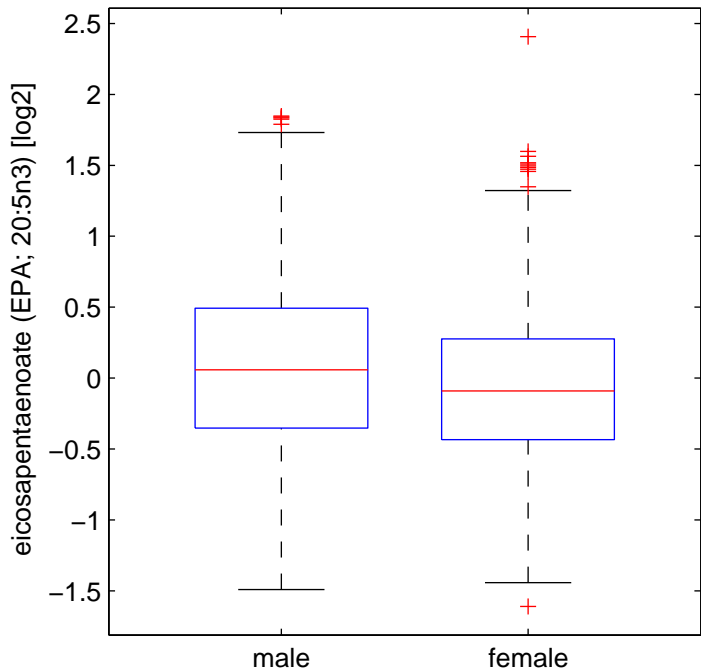
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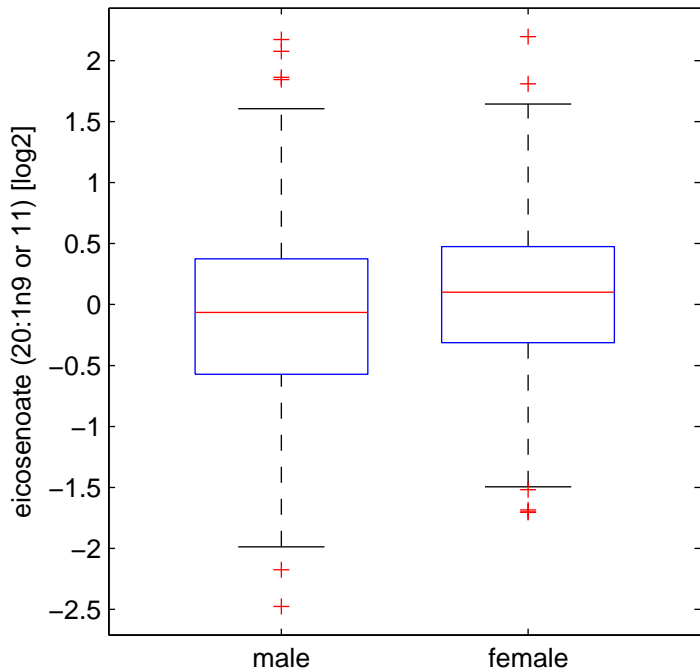
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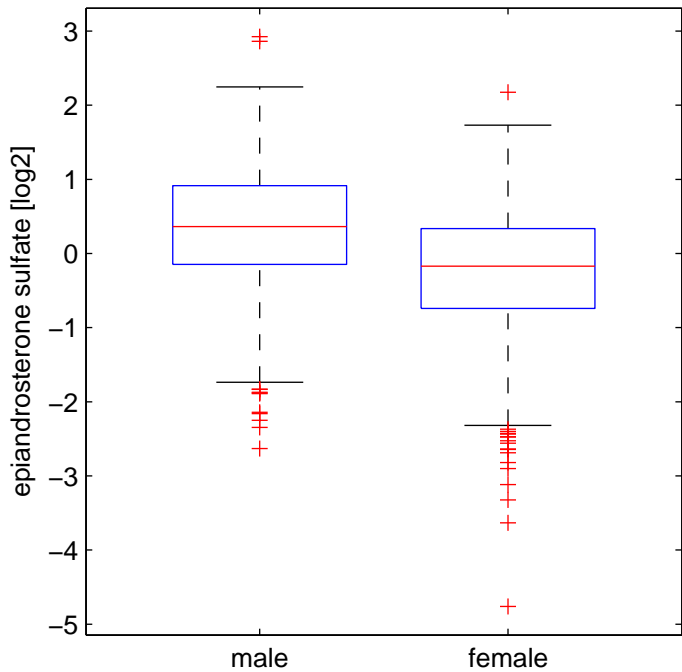
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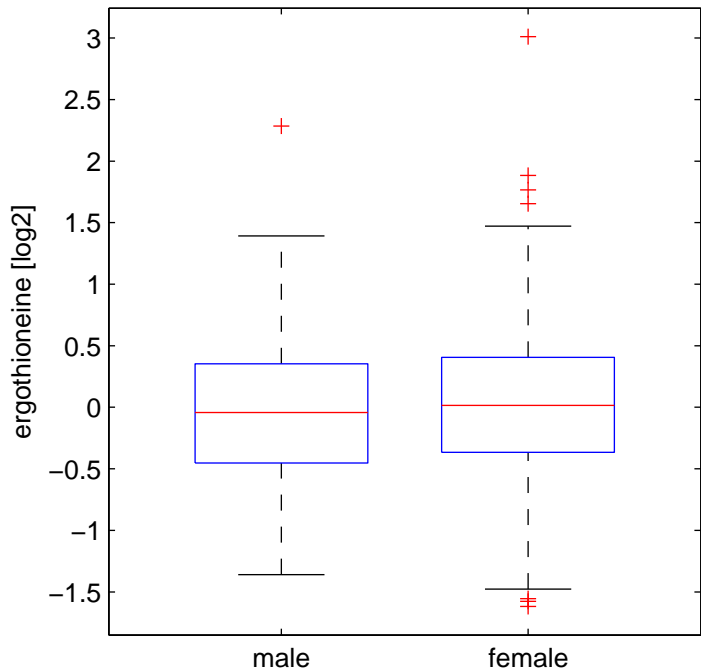
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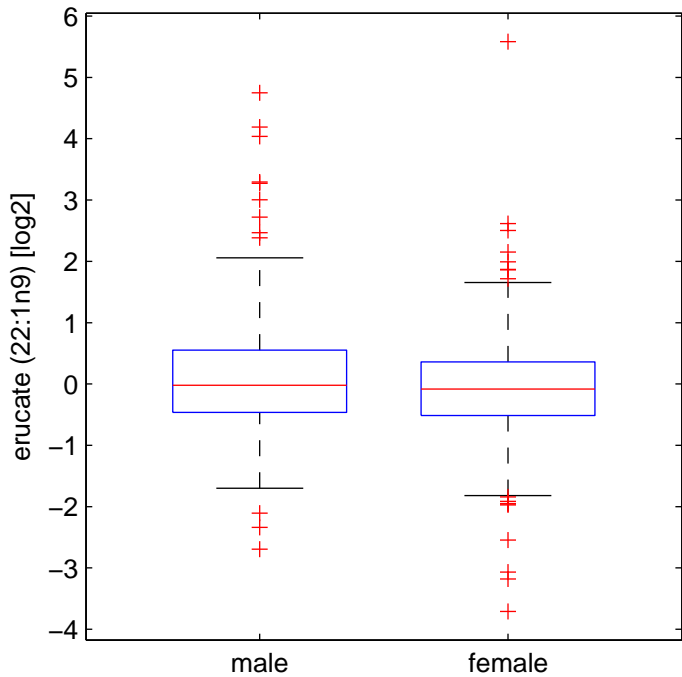
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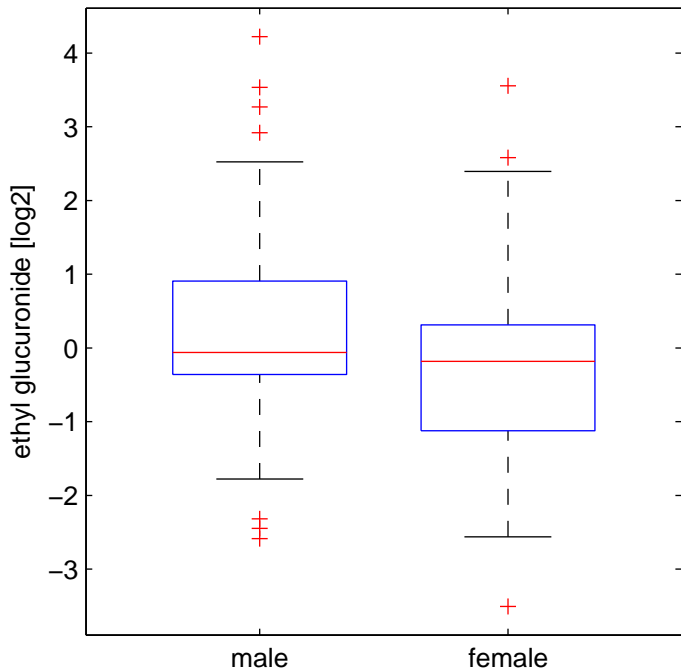
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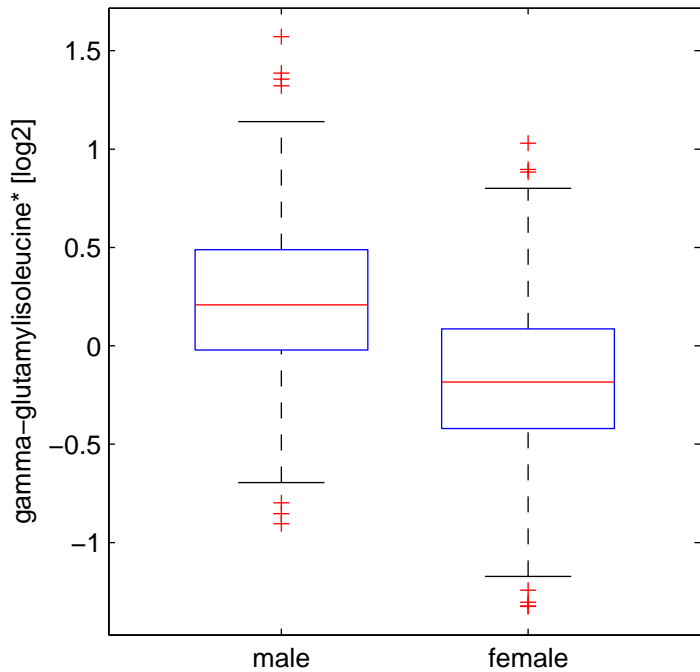
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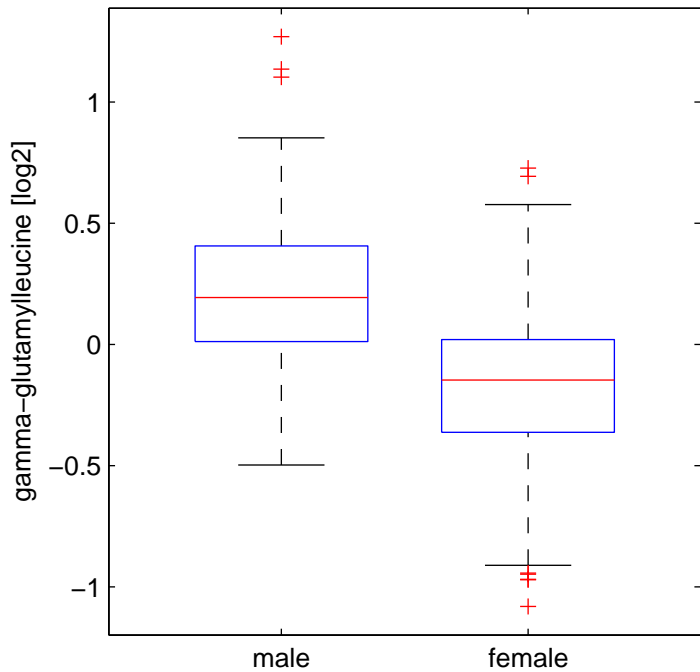
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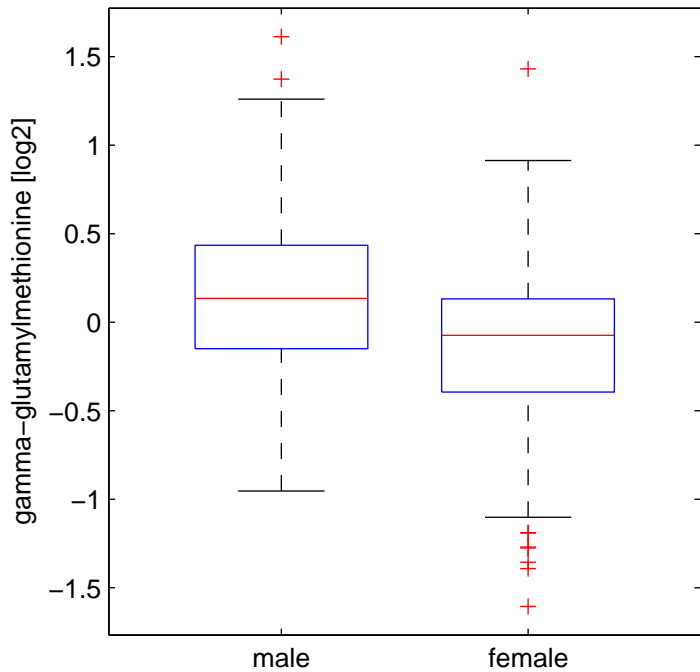
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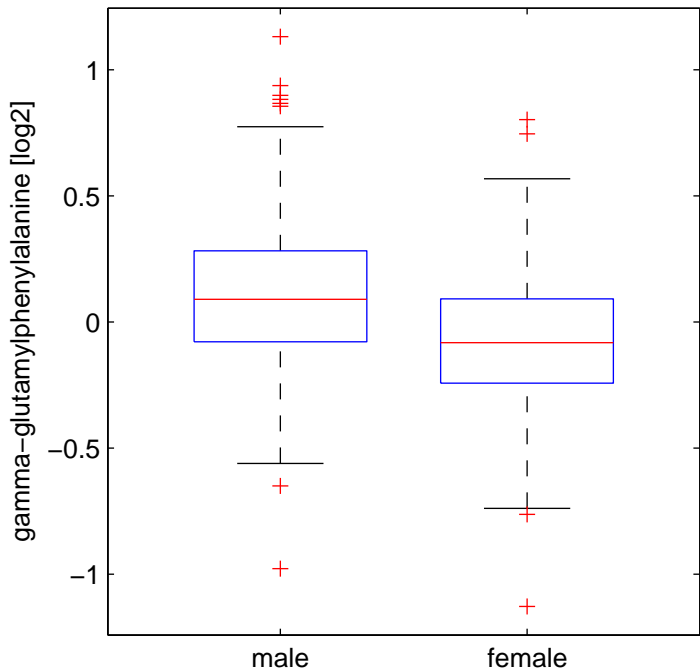
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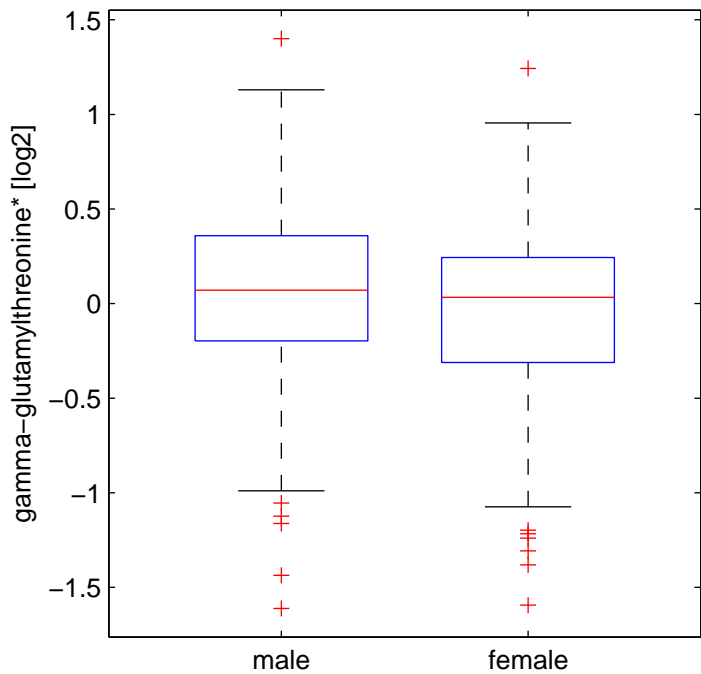
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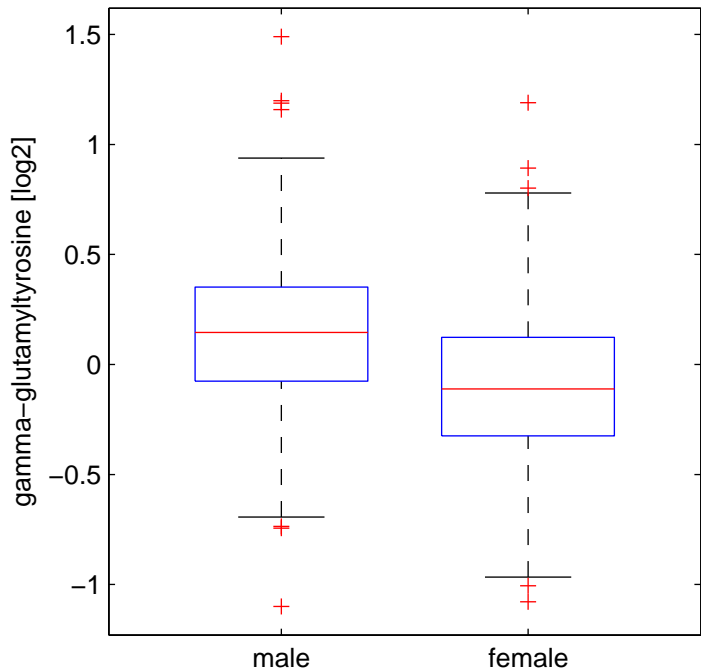
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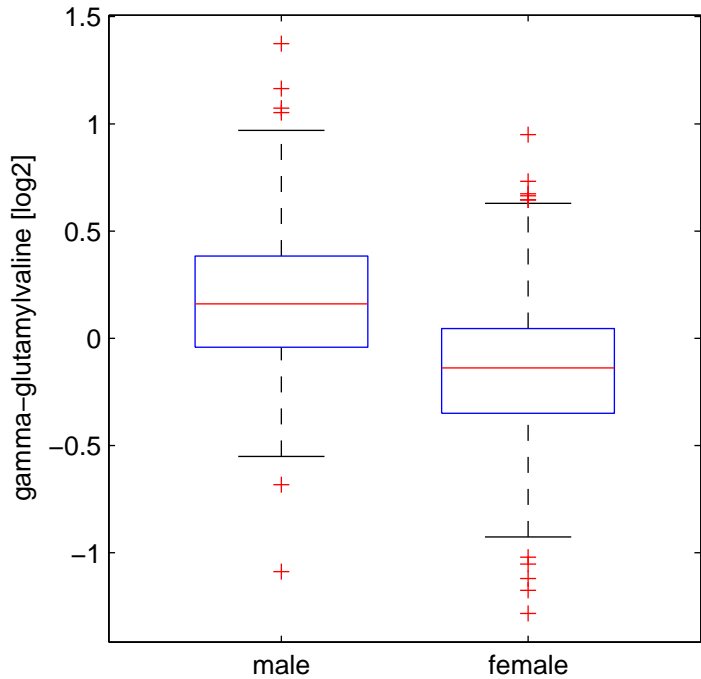
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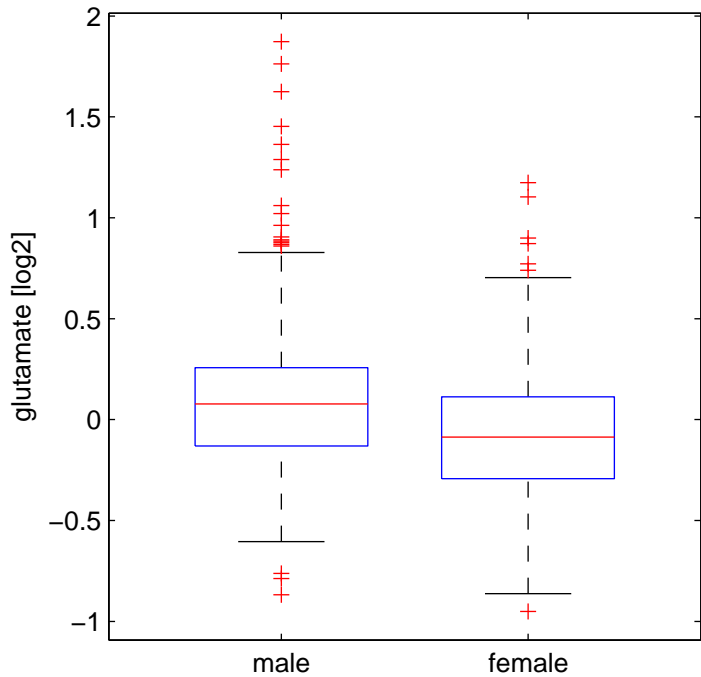
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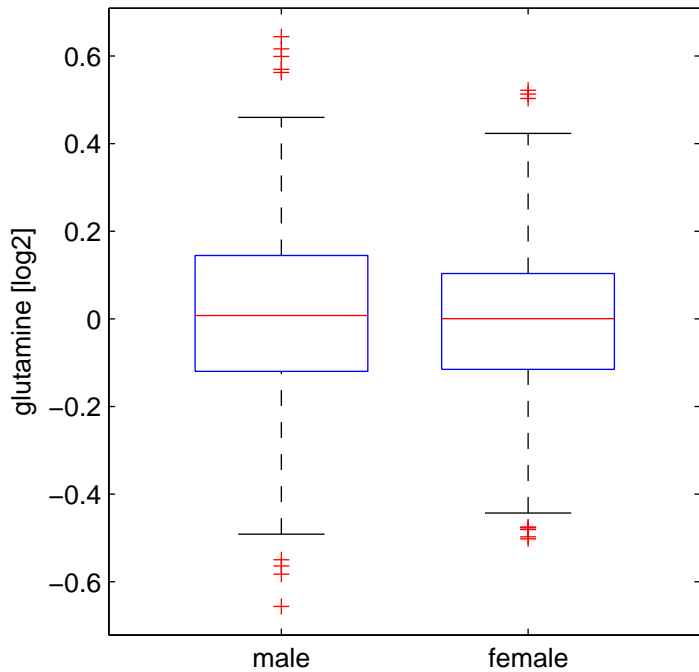
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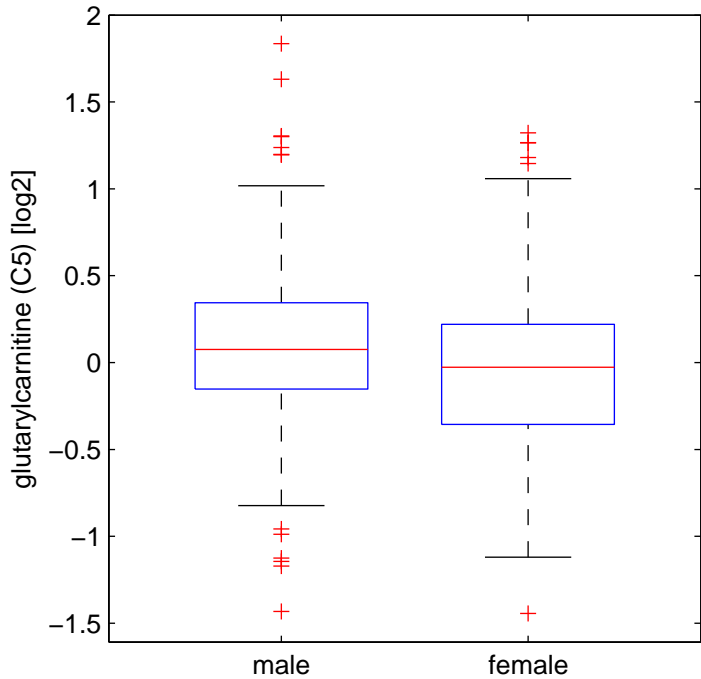
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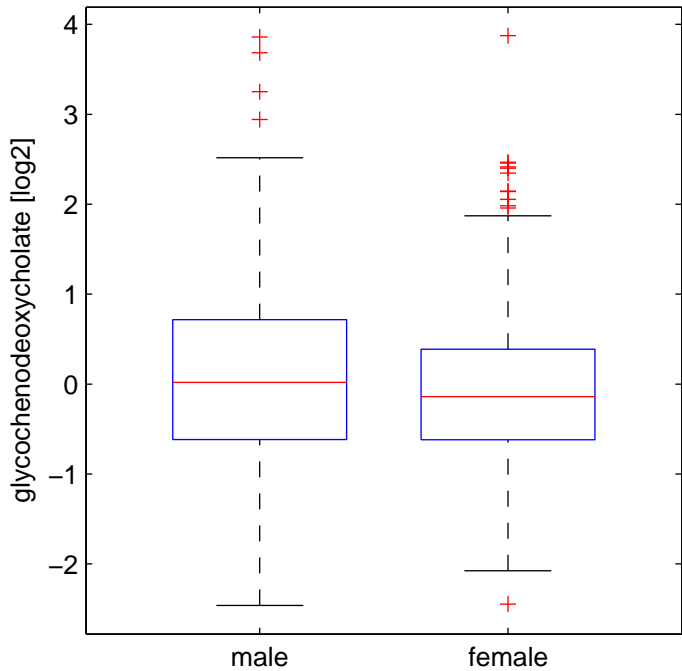
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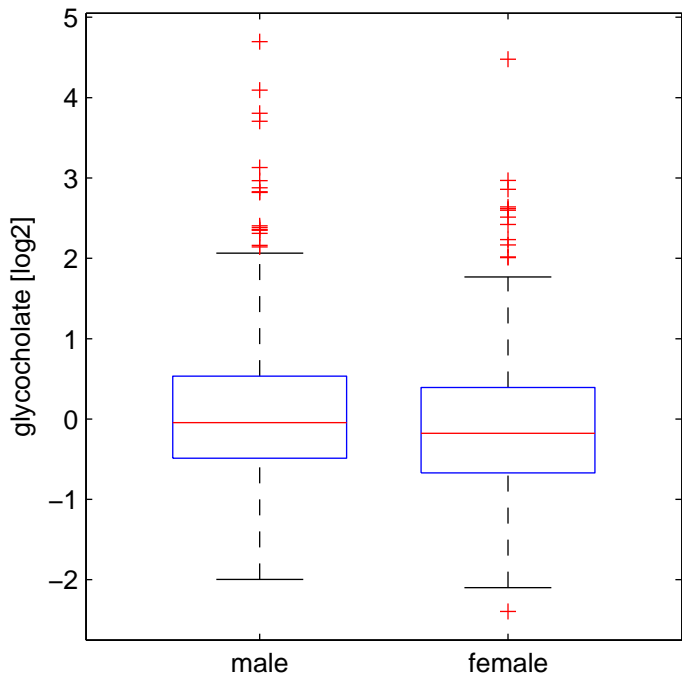
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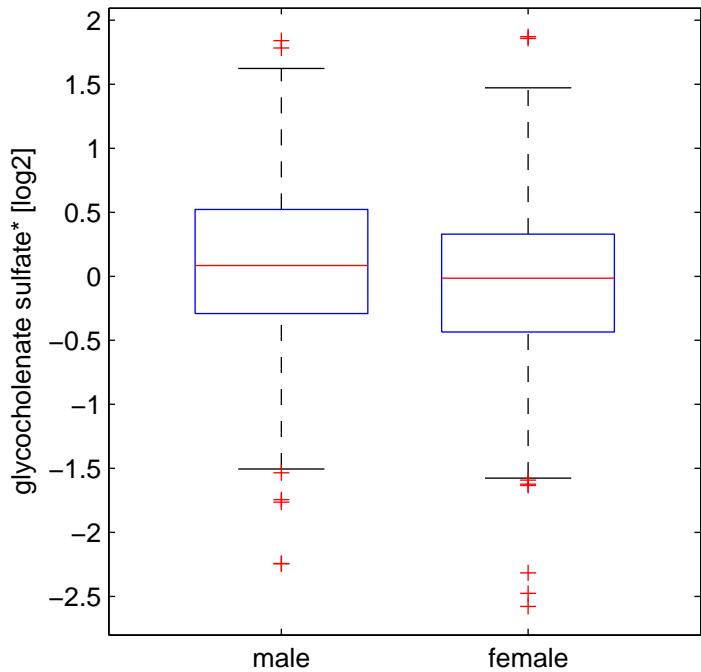
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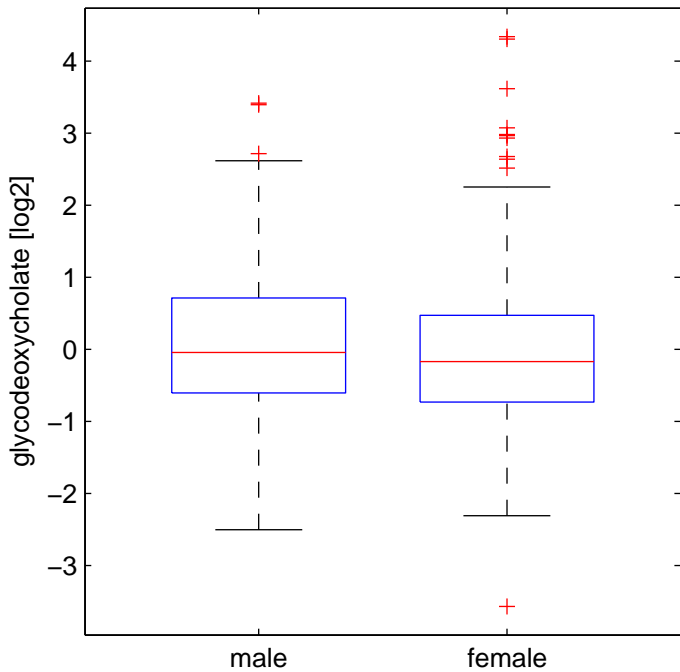
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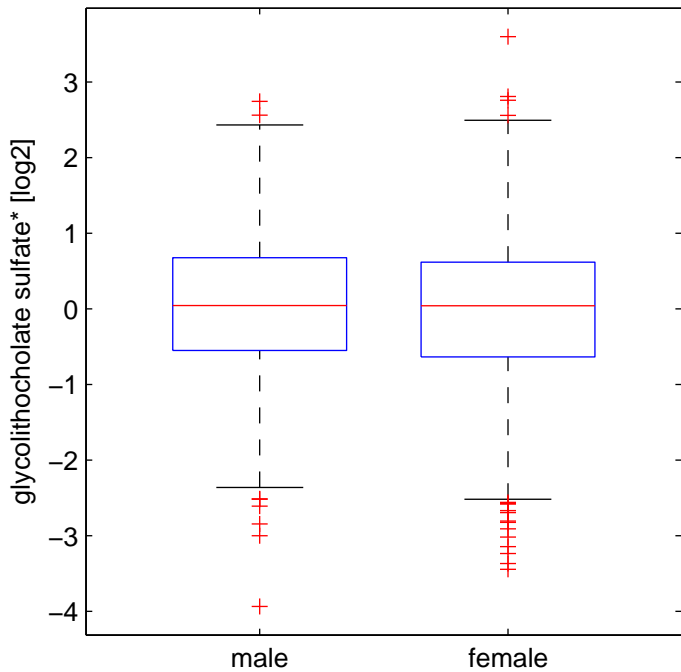
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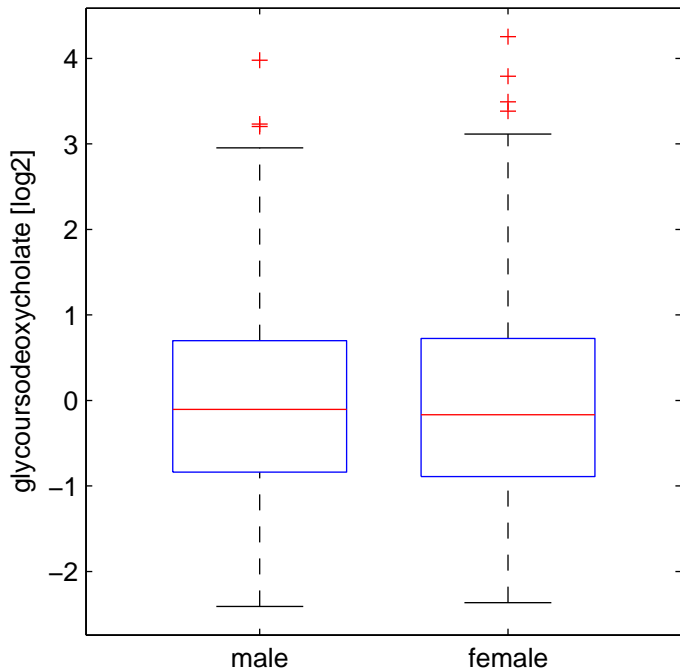
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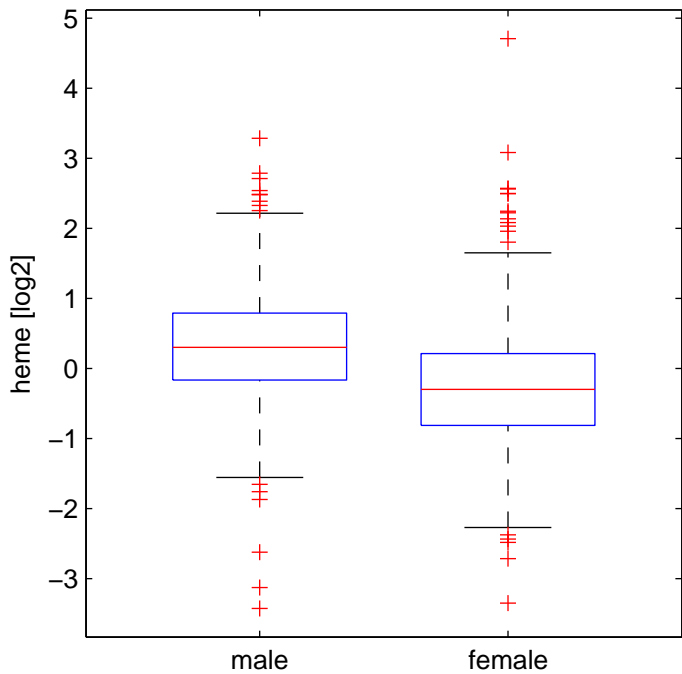
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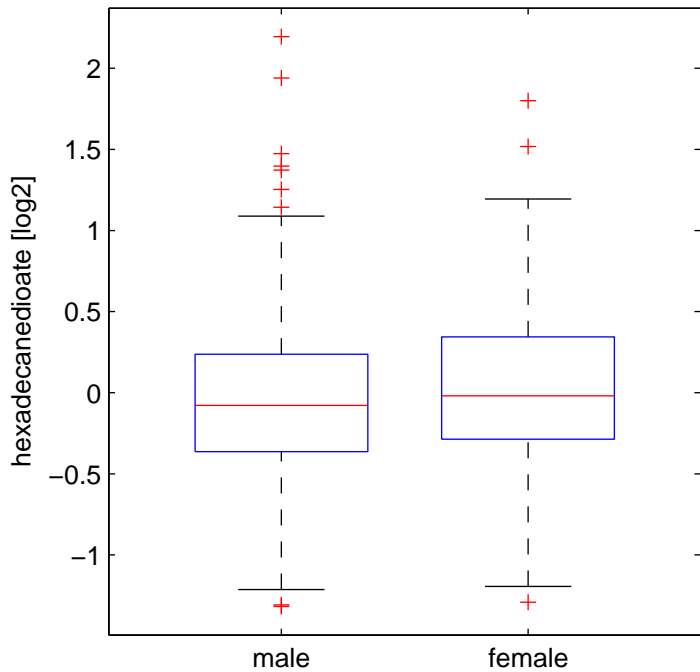
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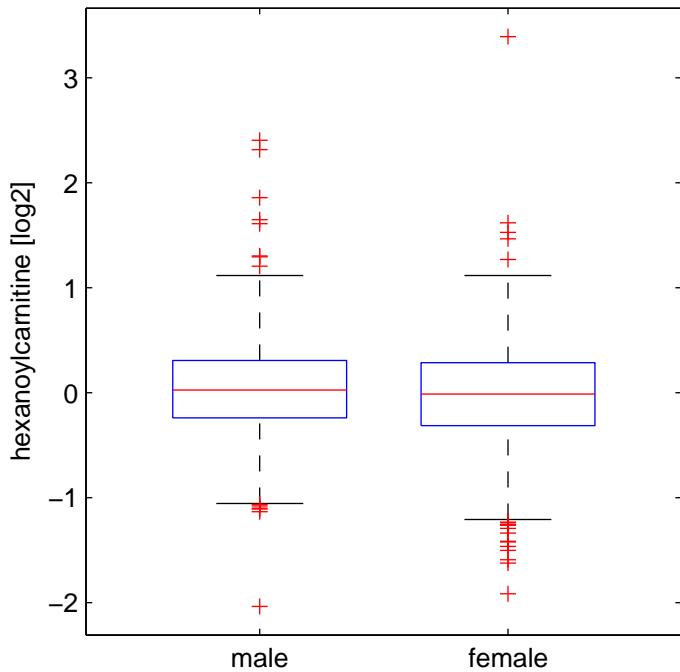
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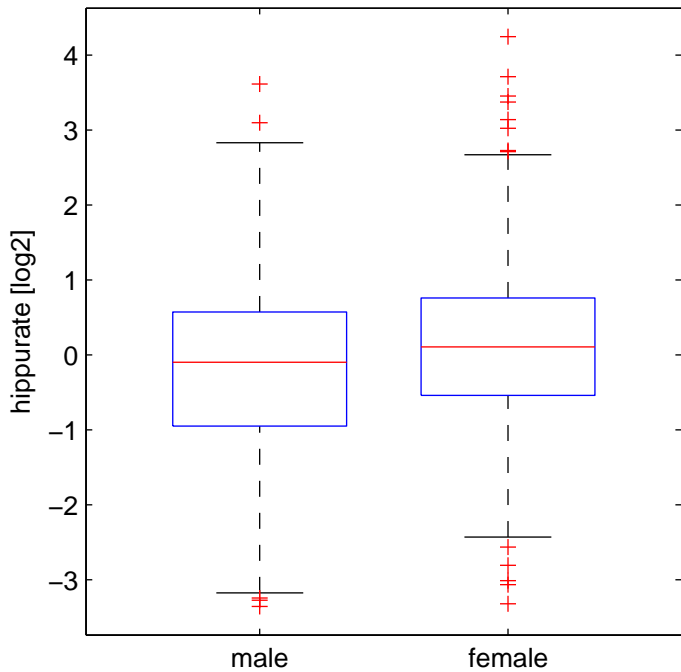
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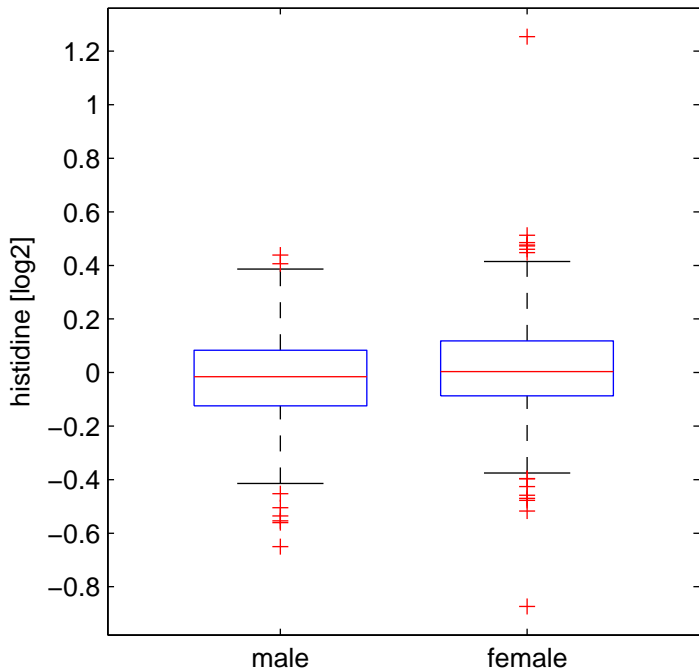
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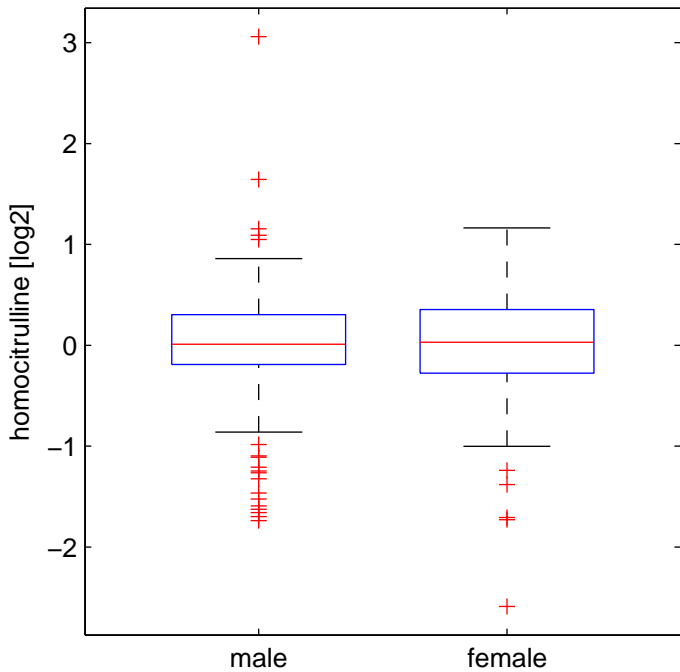
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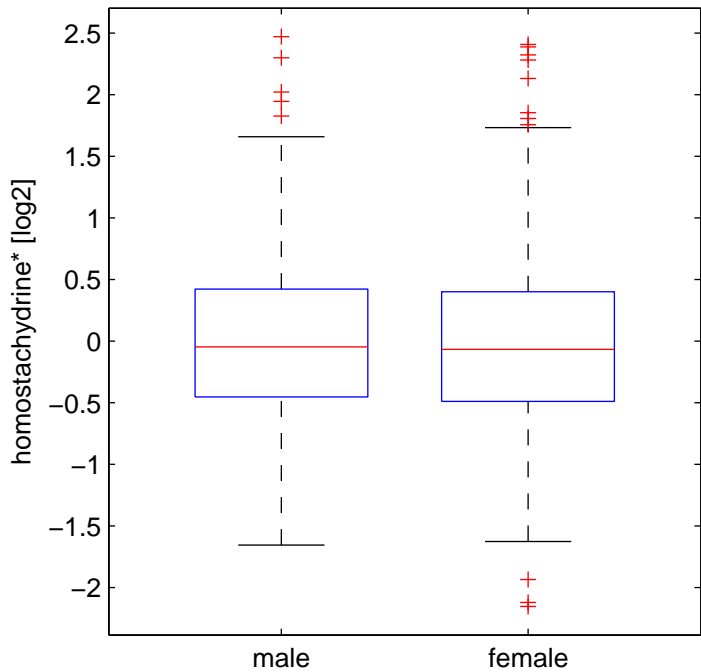
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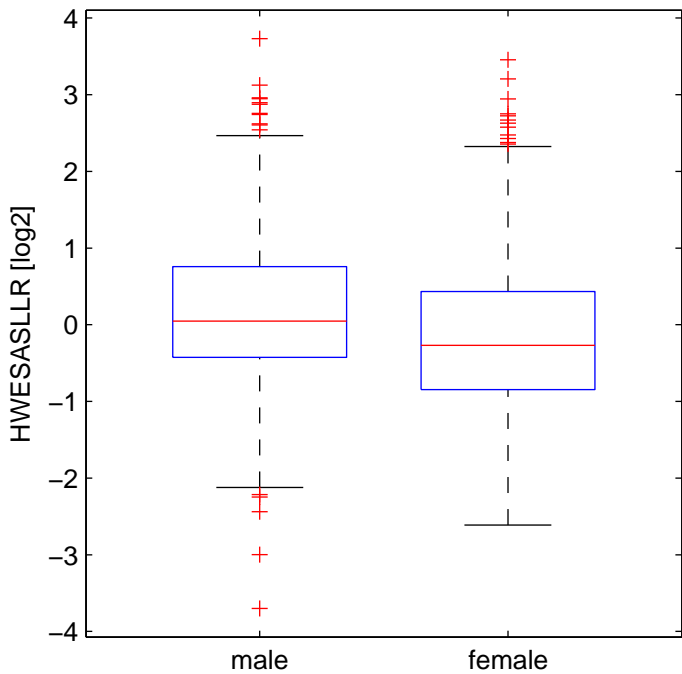
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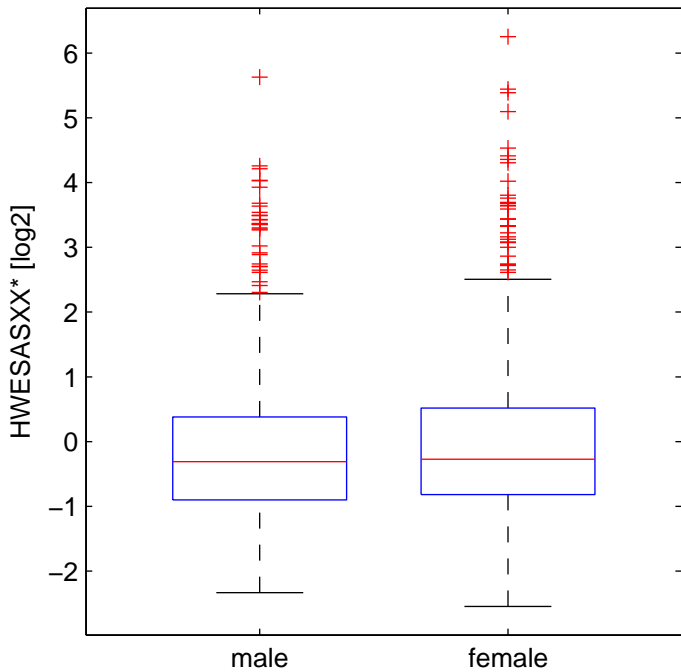
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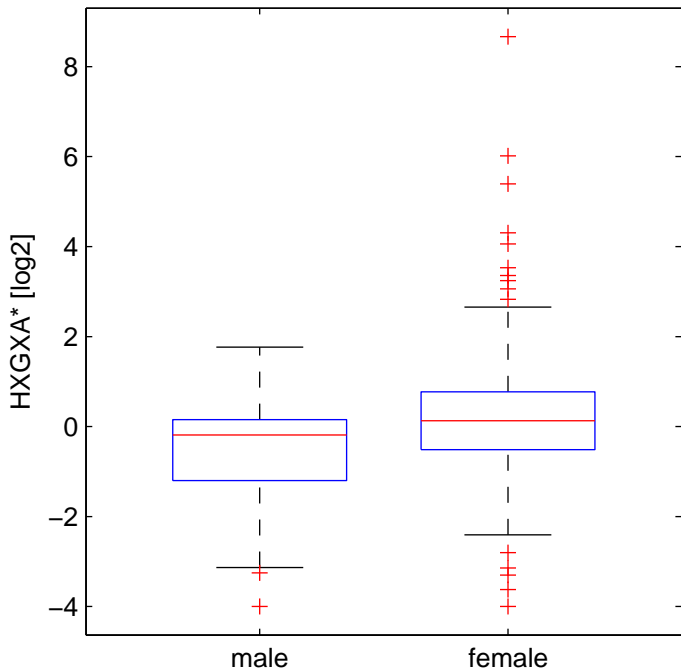
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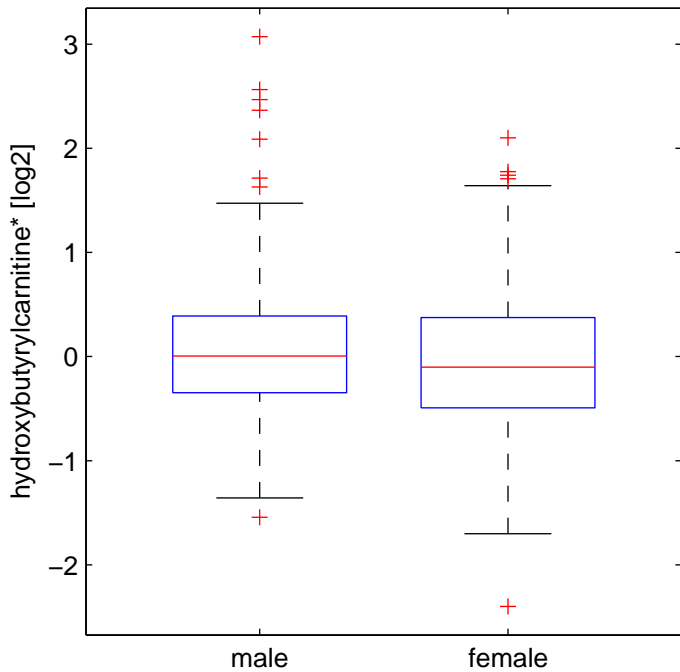
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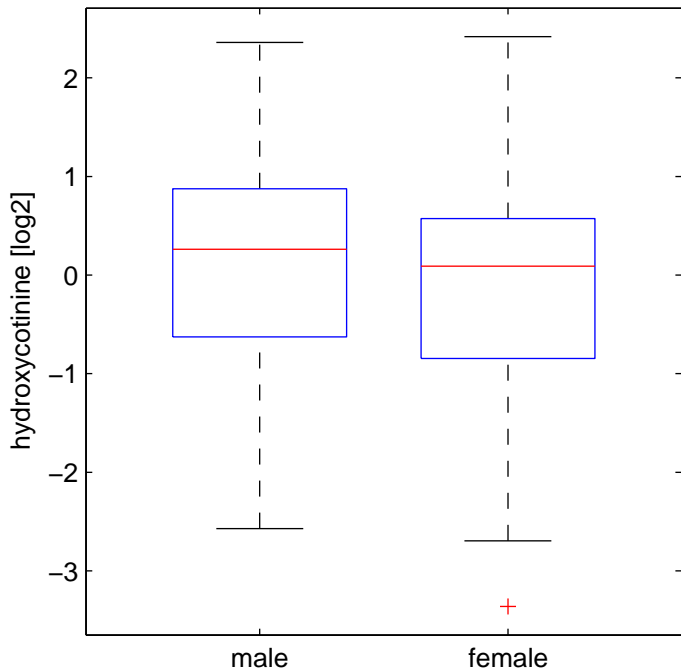
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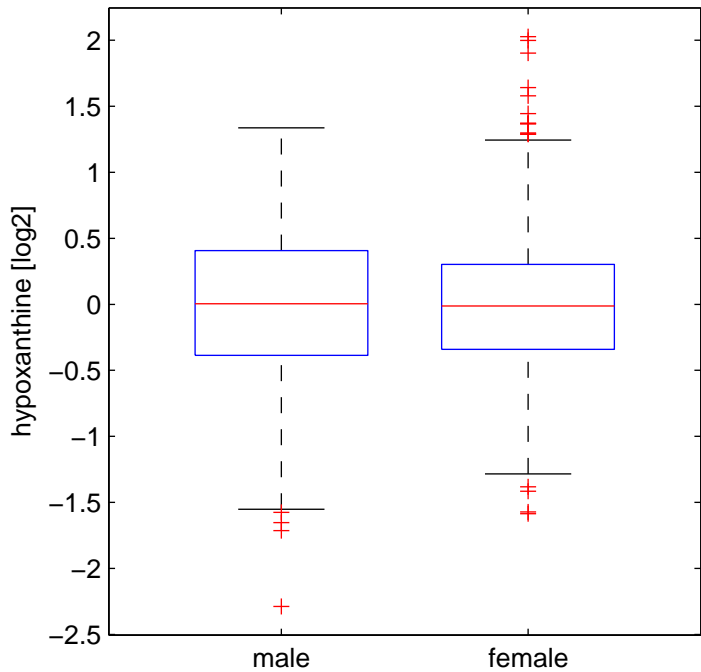
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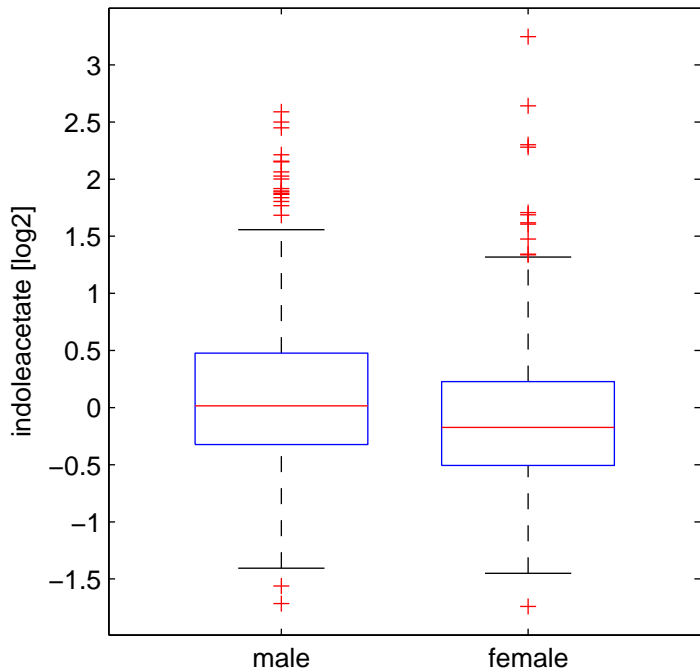
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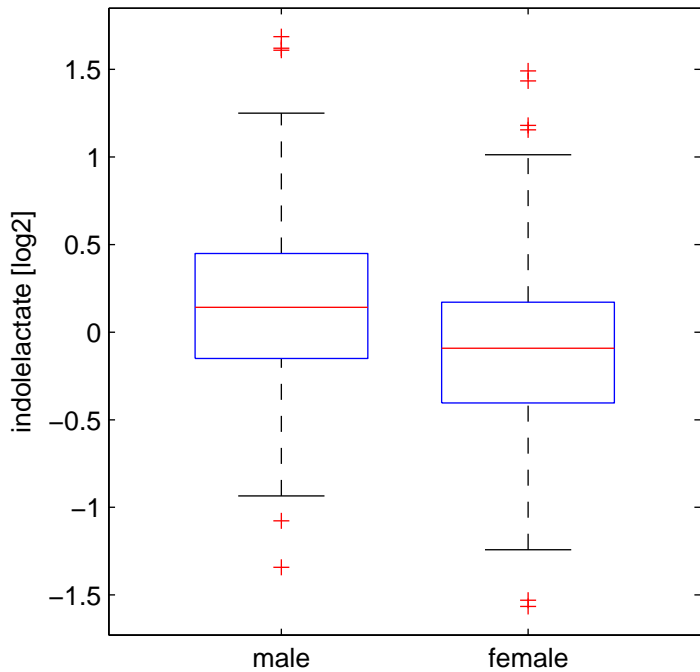
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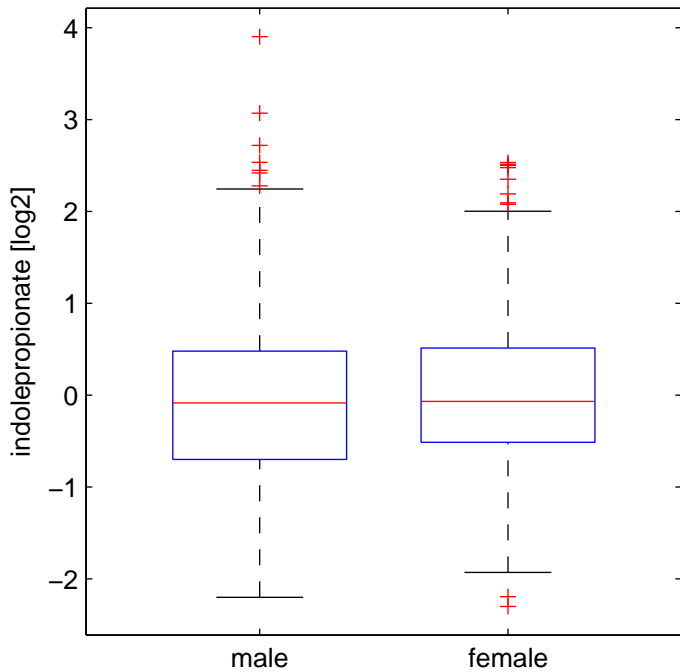
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p-val: 1.94e-018

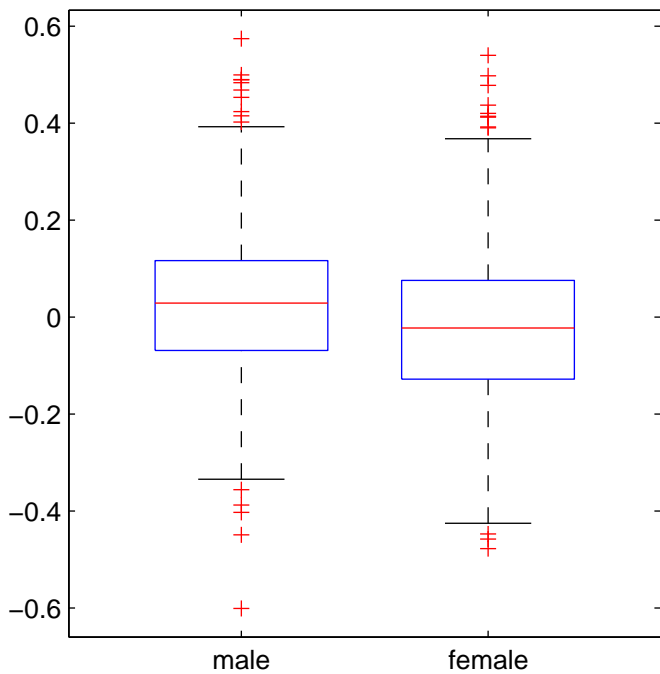


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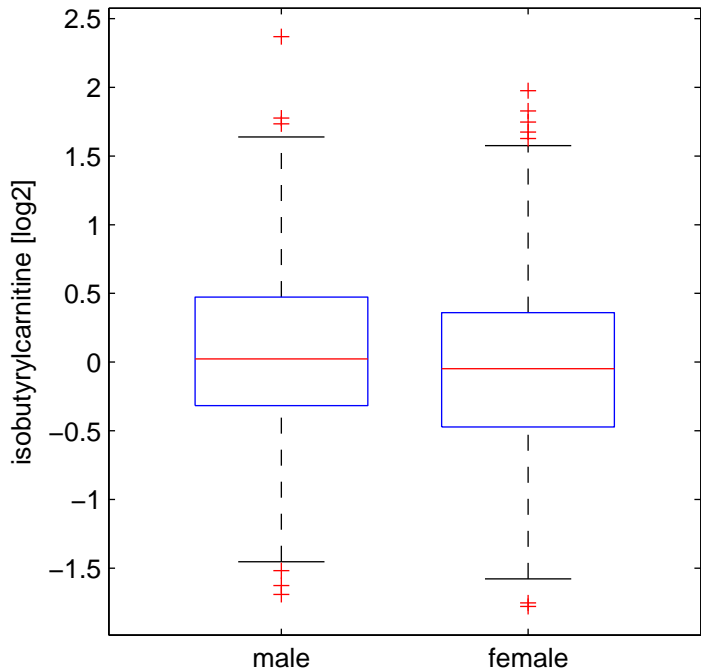


obar: glucose, fructose, mannose, galactose, allose, altrose, etc. [lc

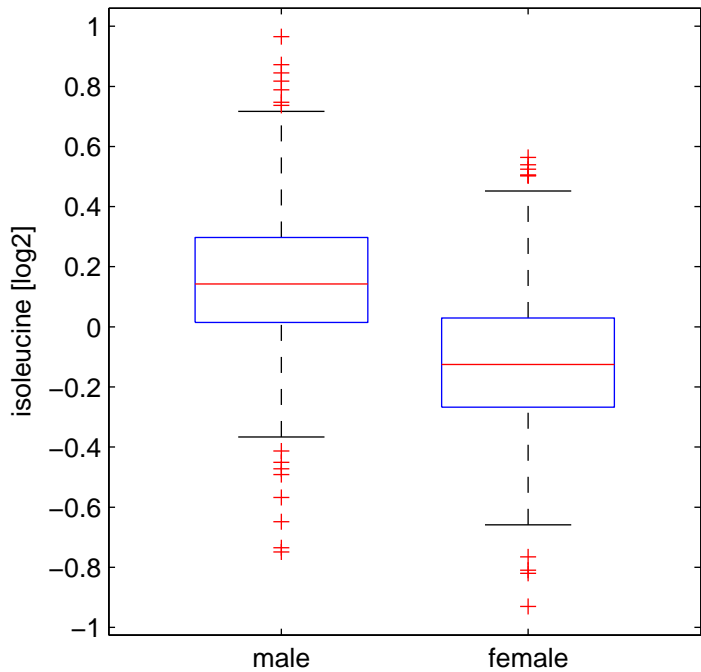
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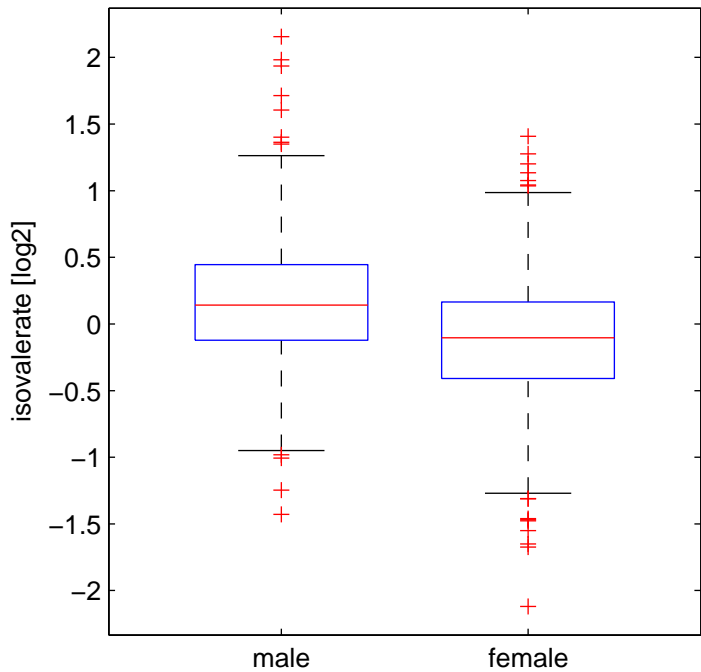
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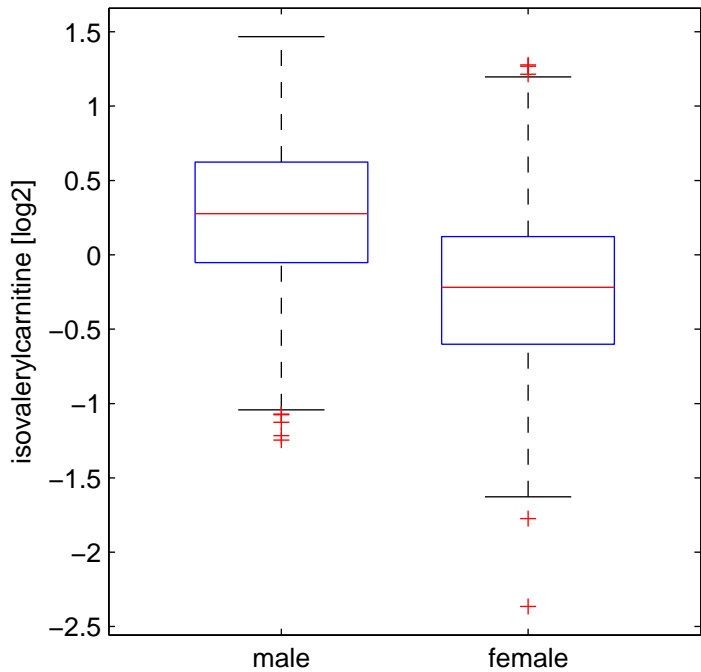
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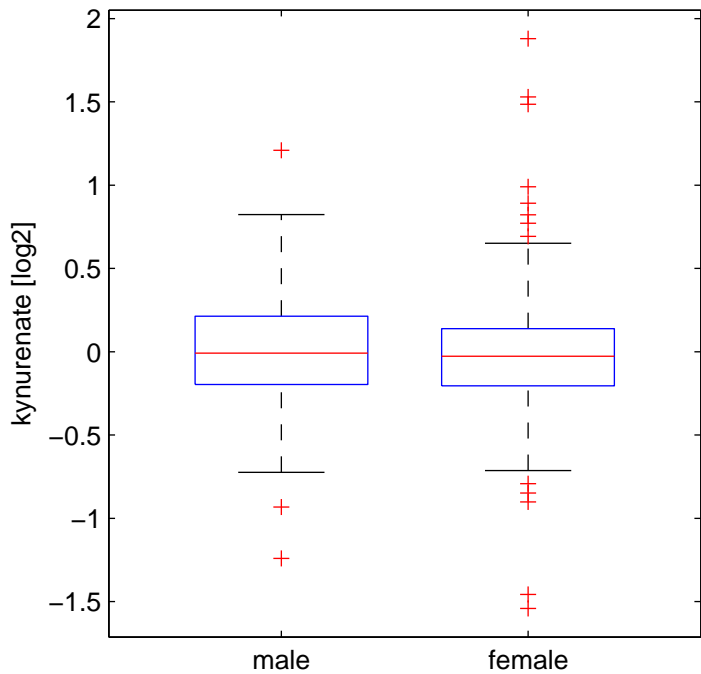
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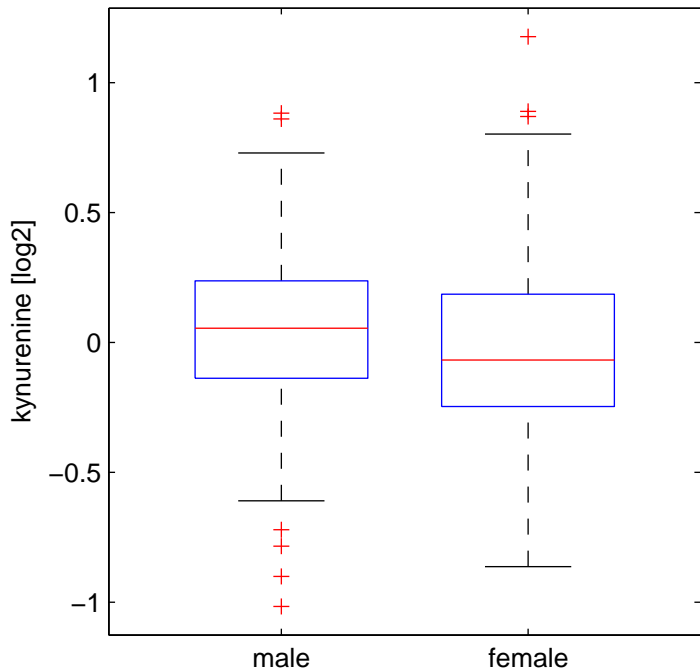
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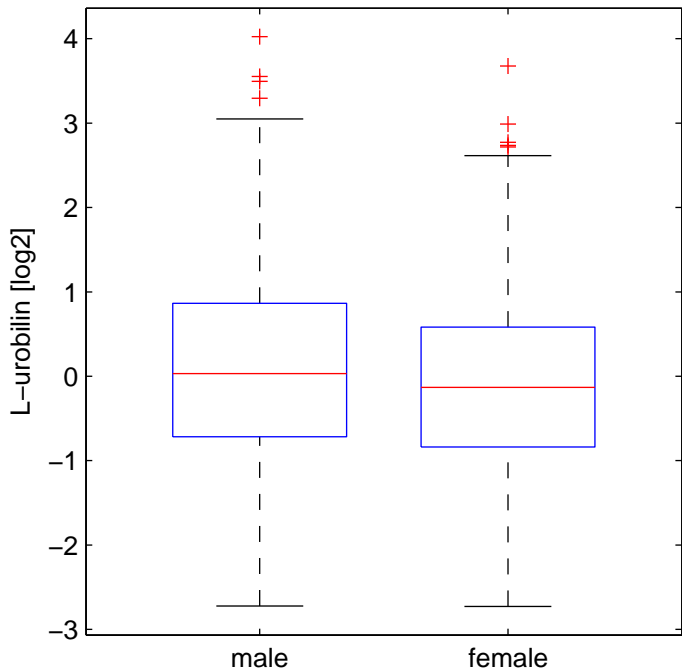
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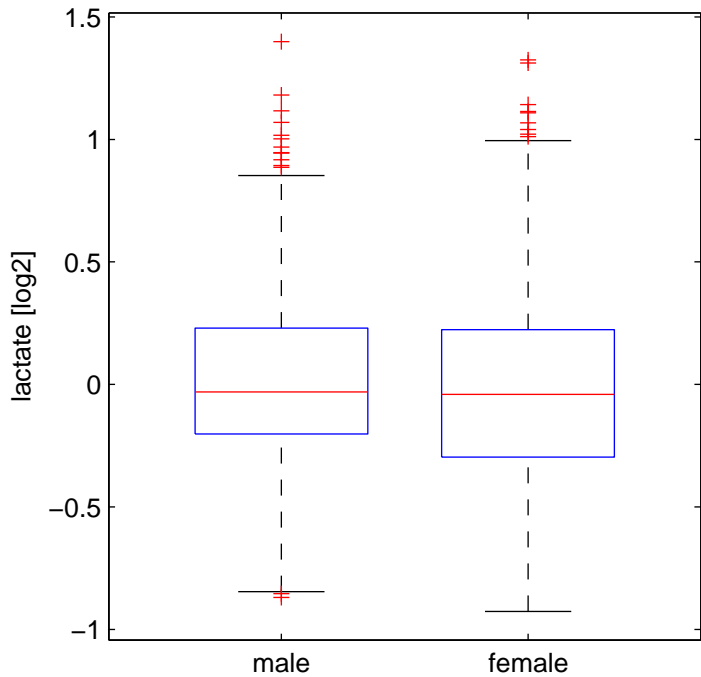
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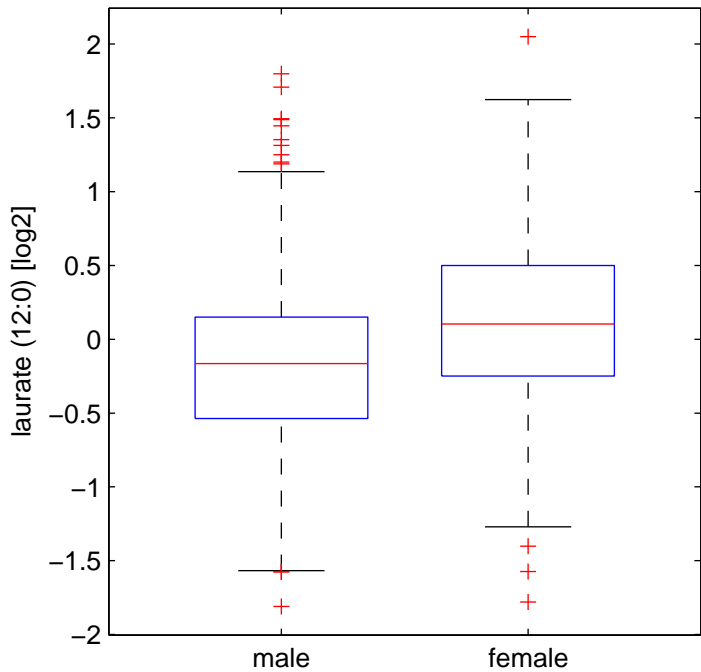
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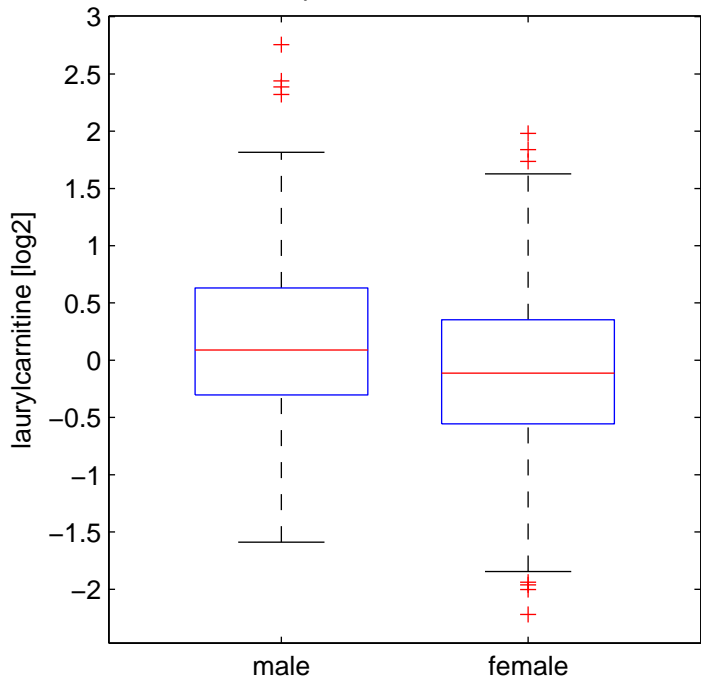
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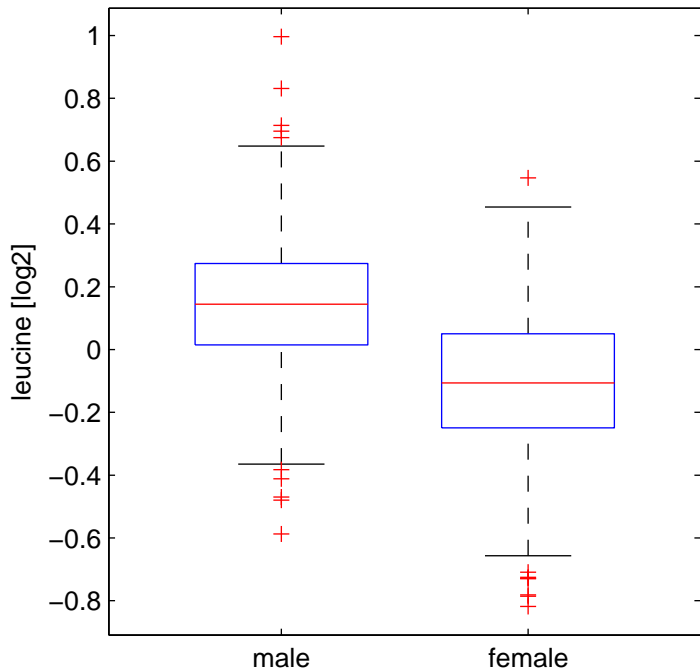
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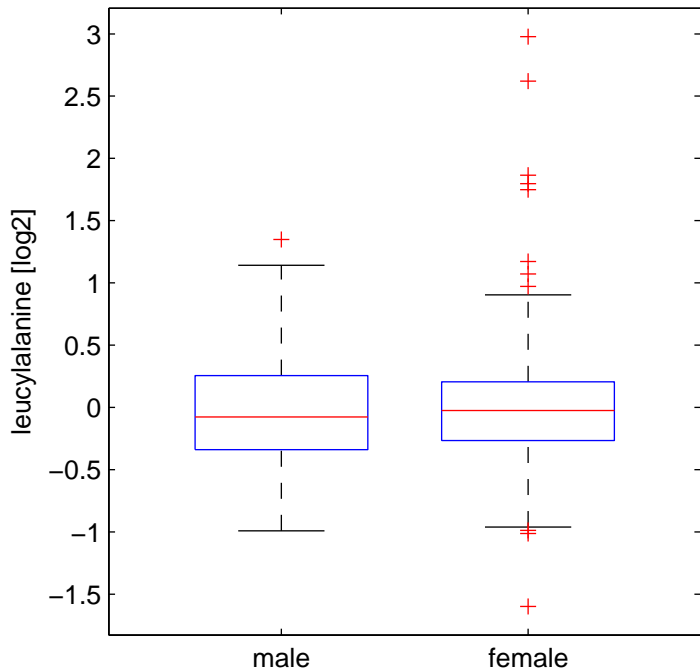
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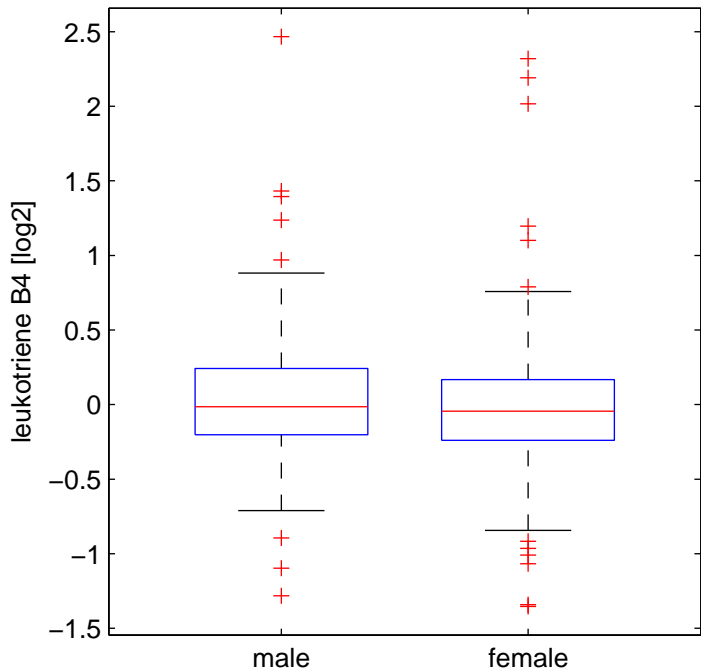
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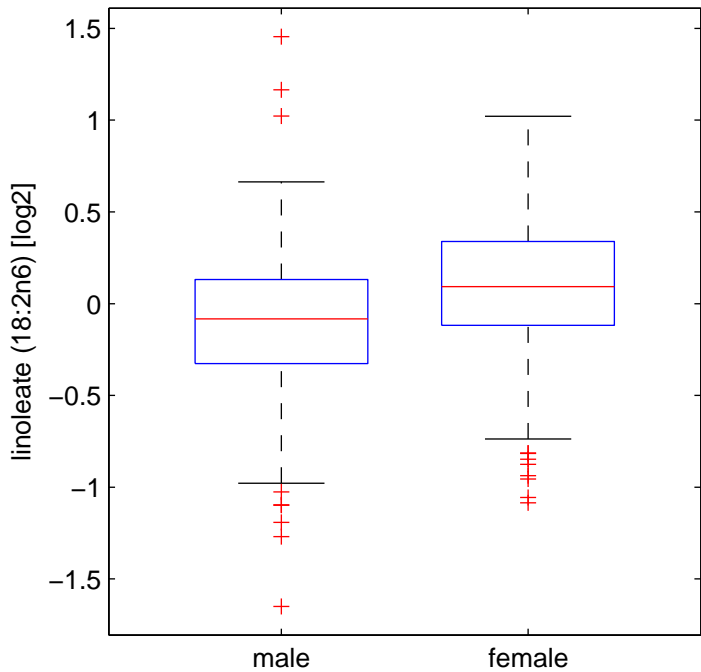
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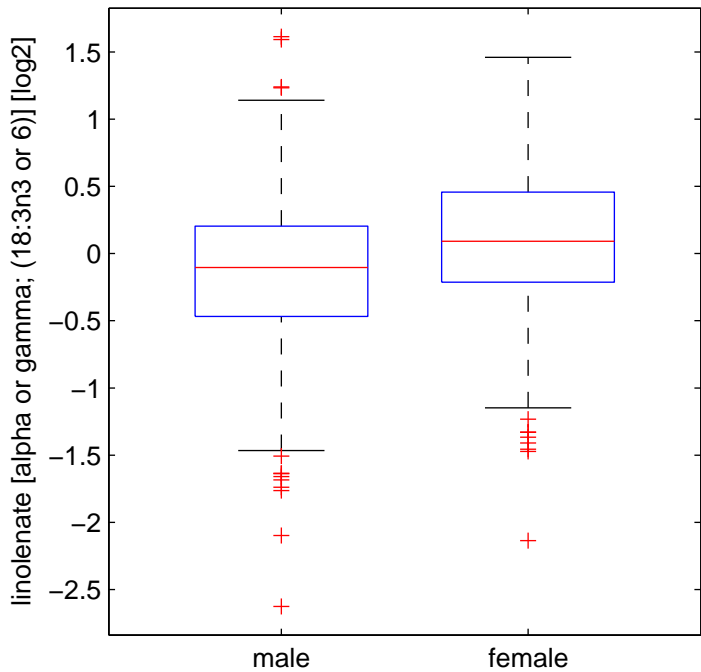
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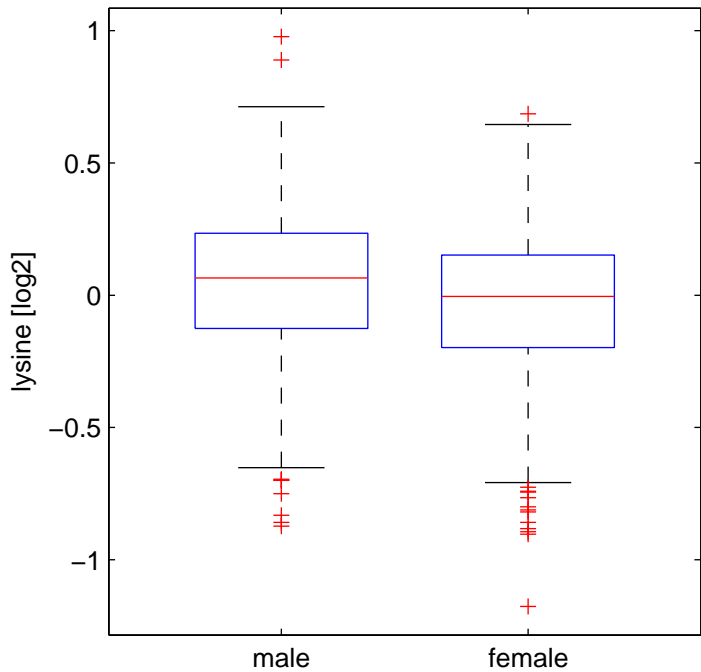
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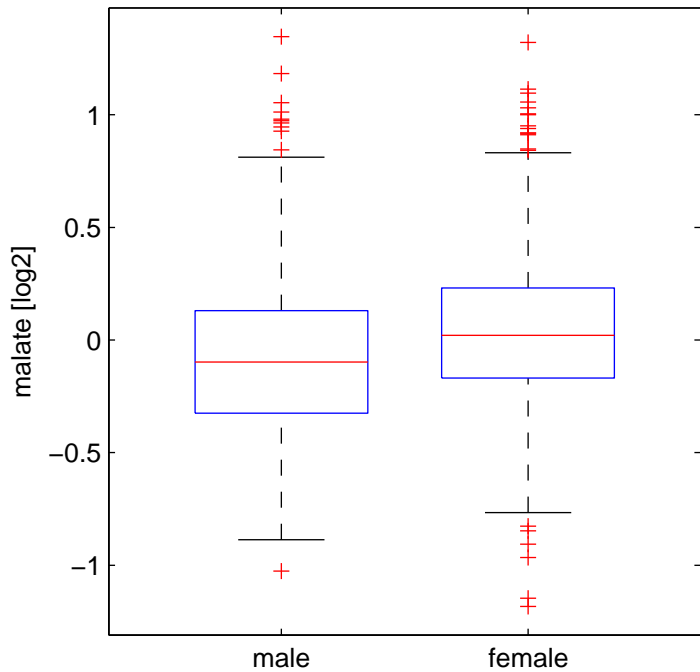
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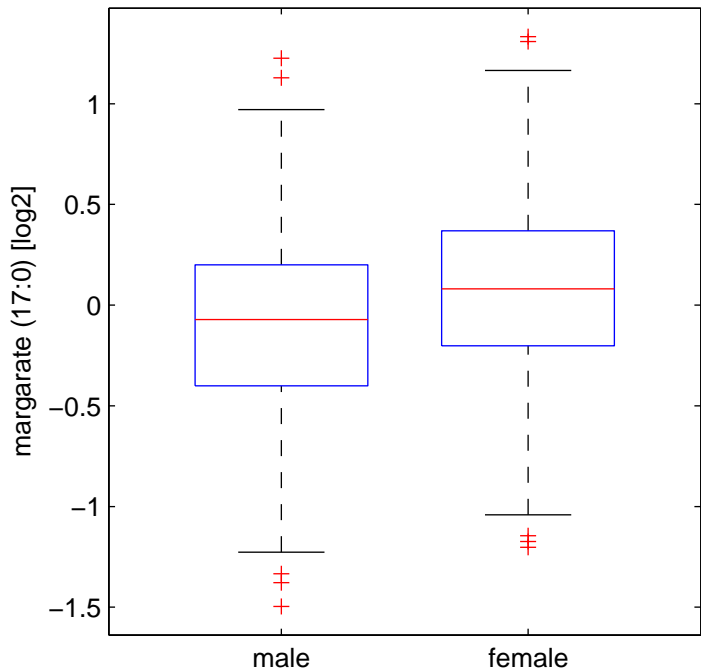
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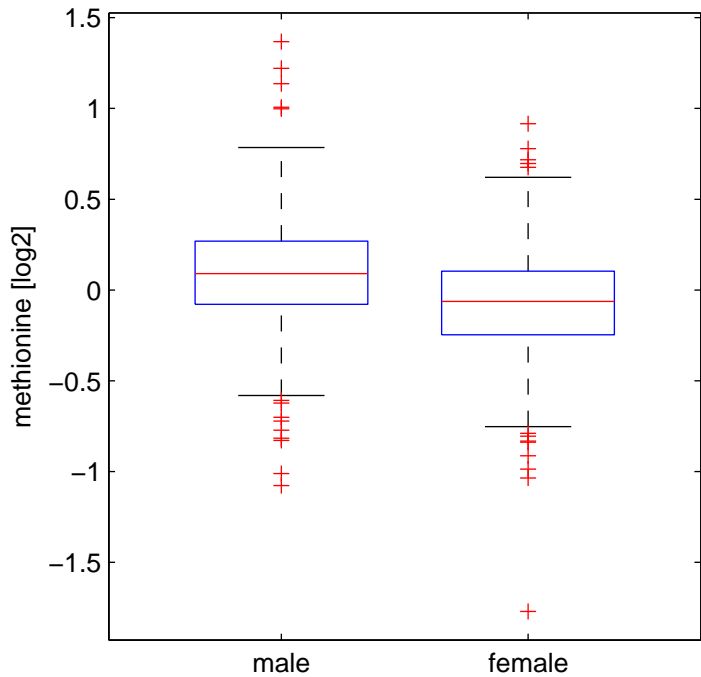
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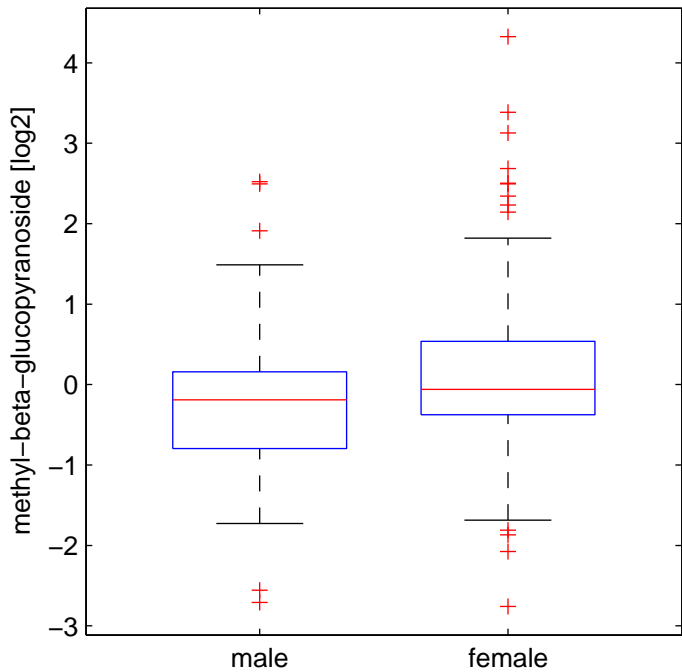
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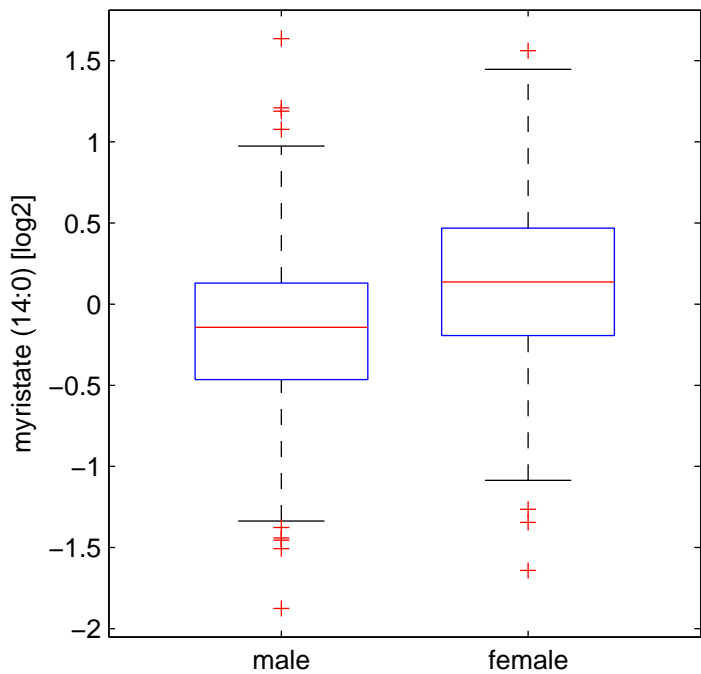
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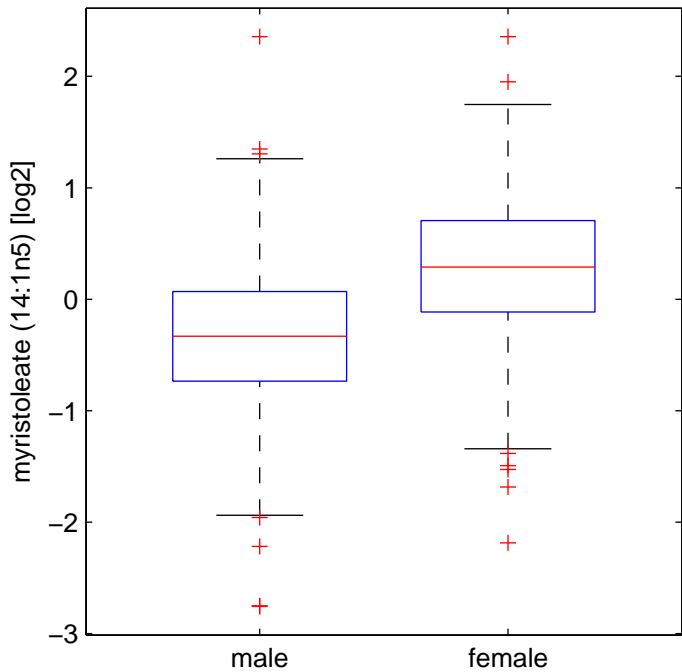
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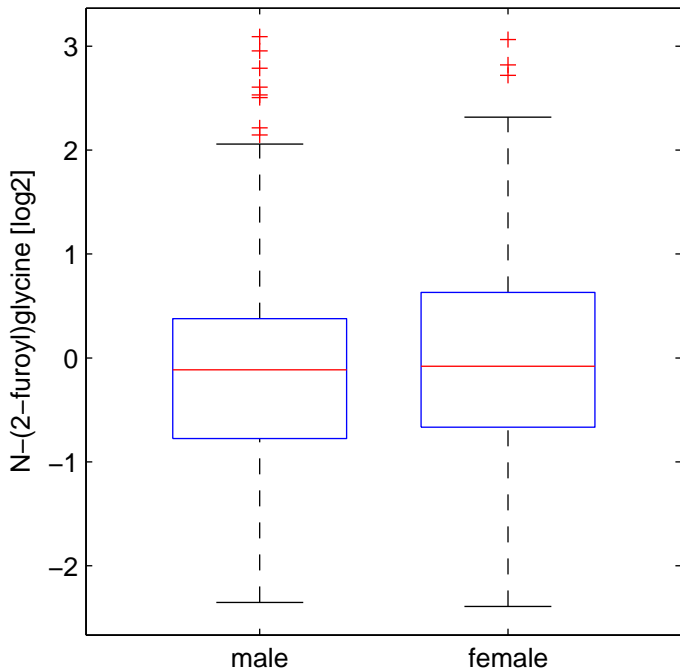
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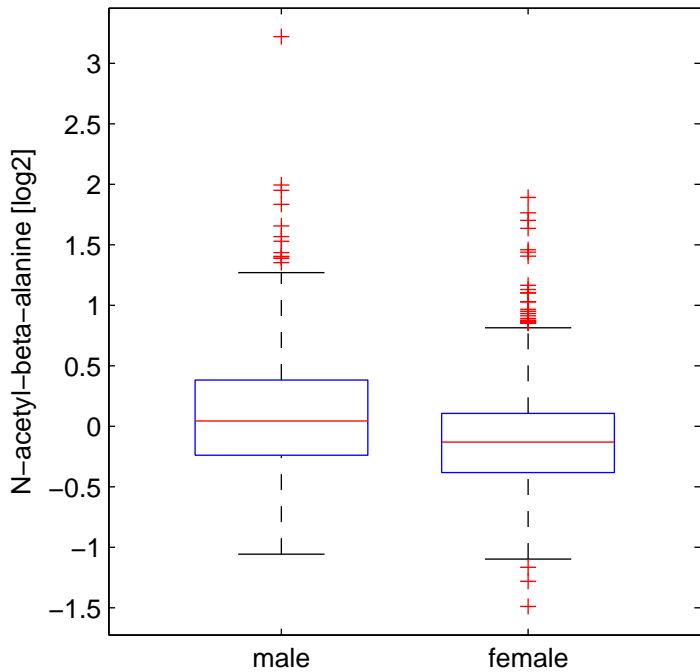
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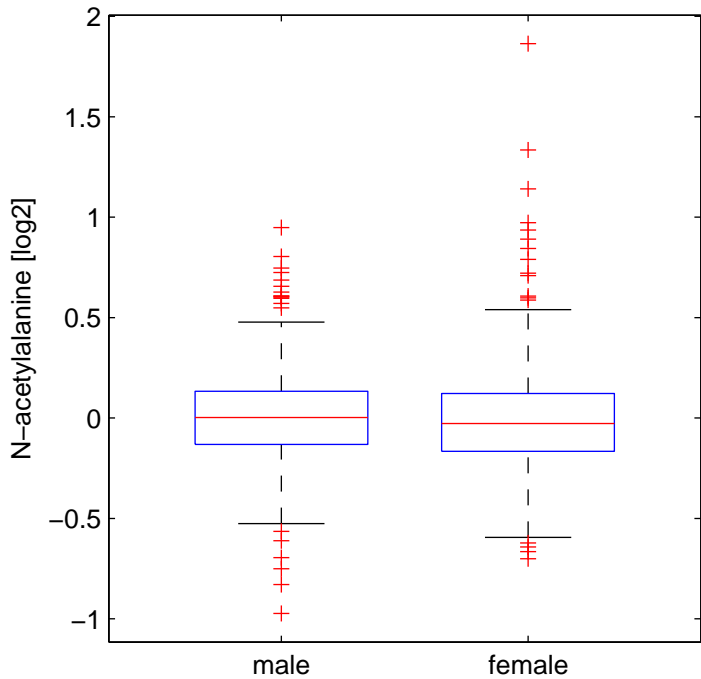
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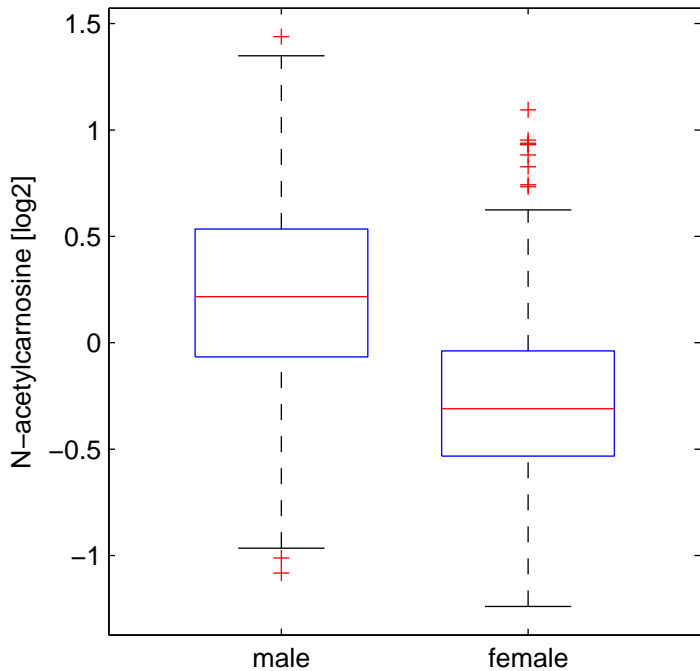
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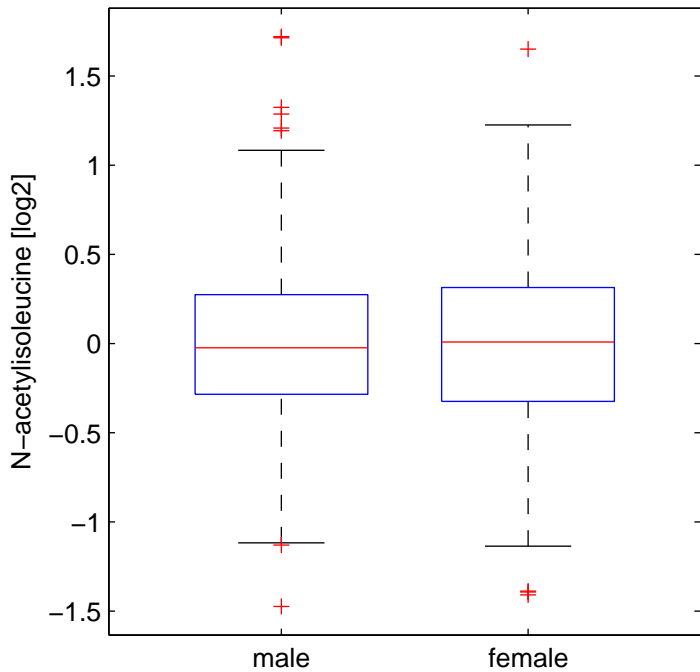
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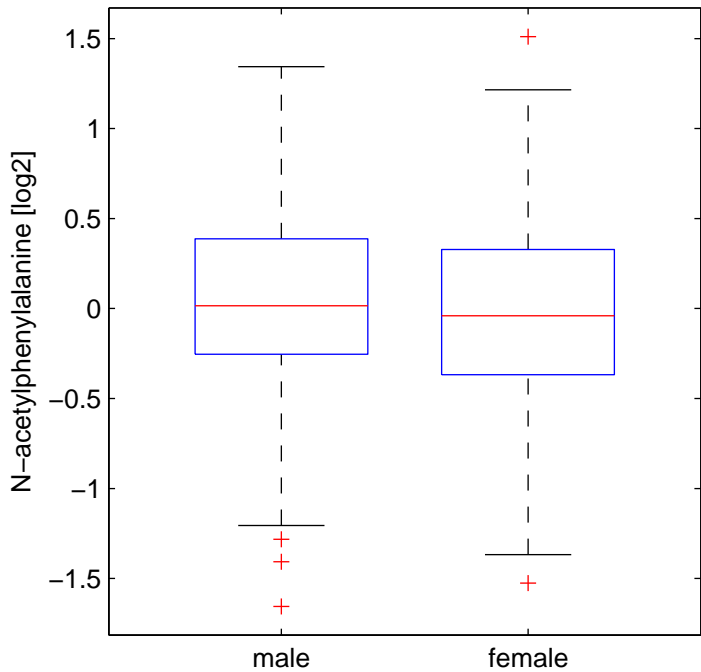
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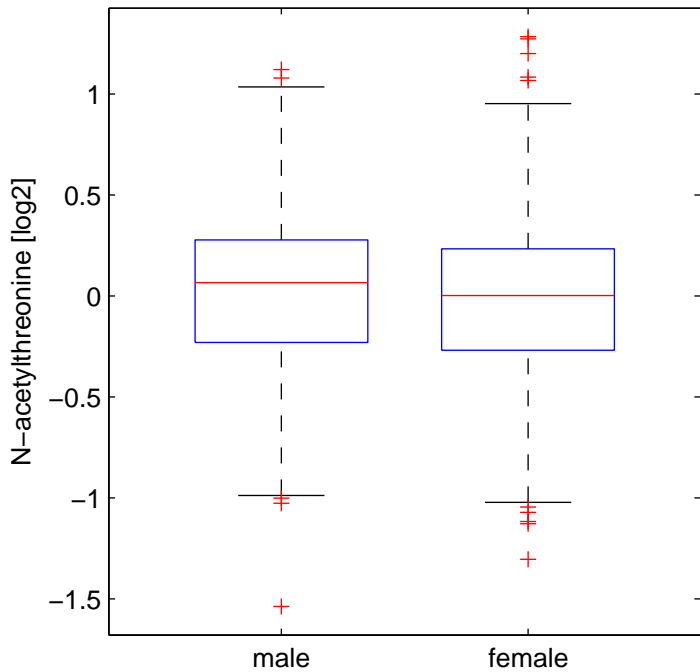
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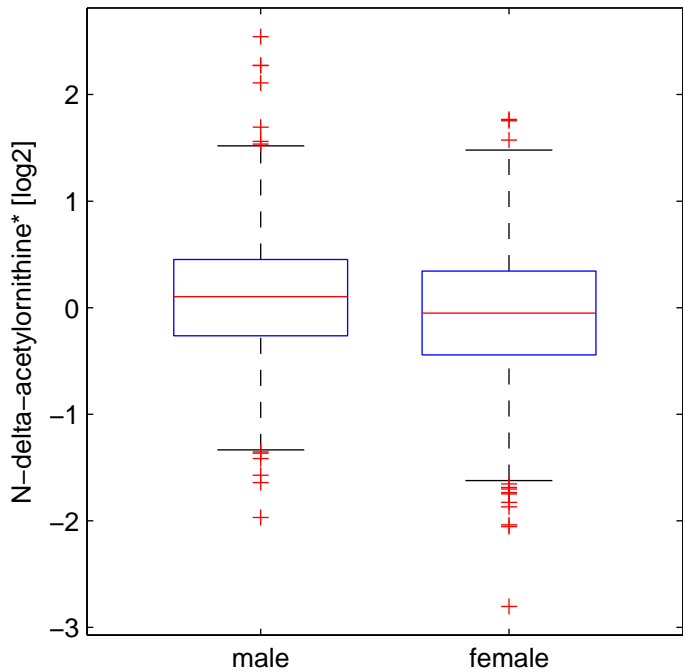
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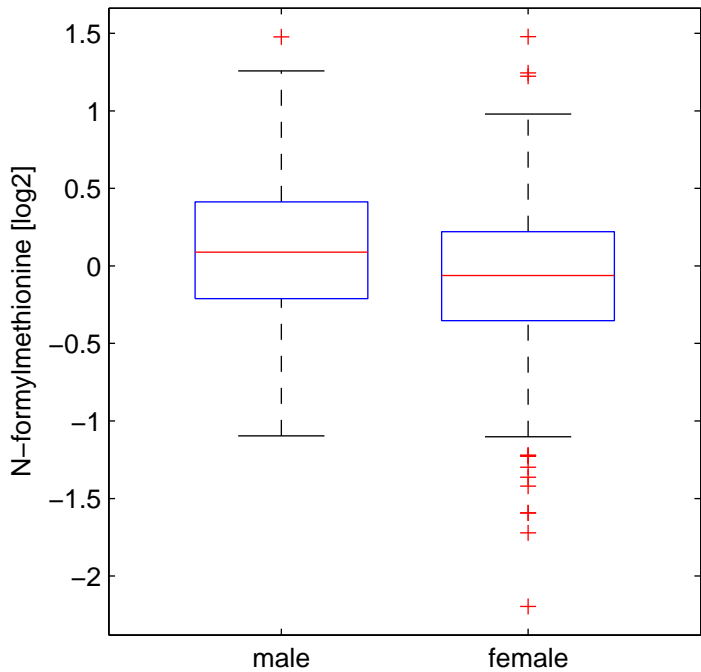
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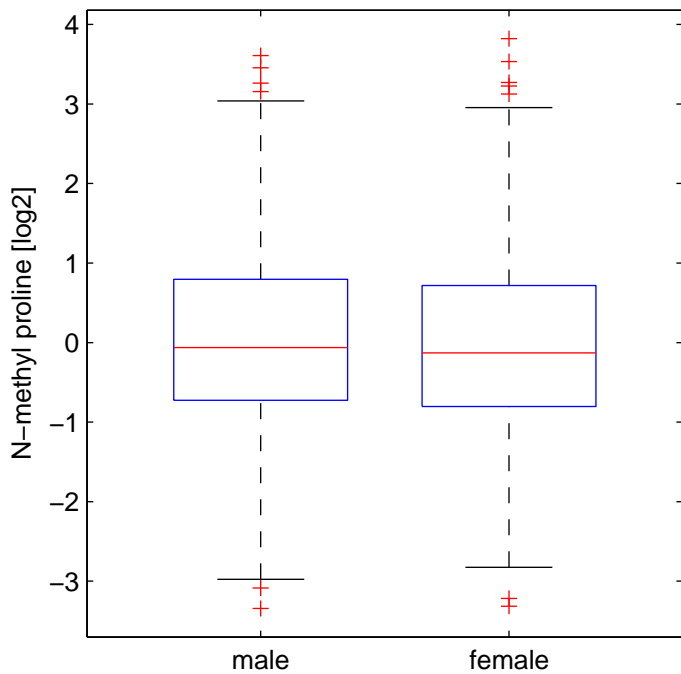
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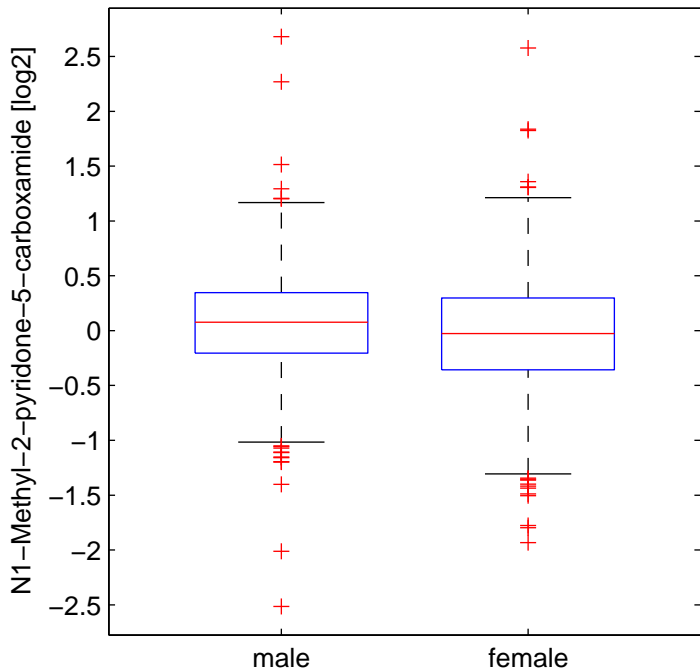
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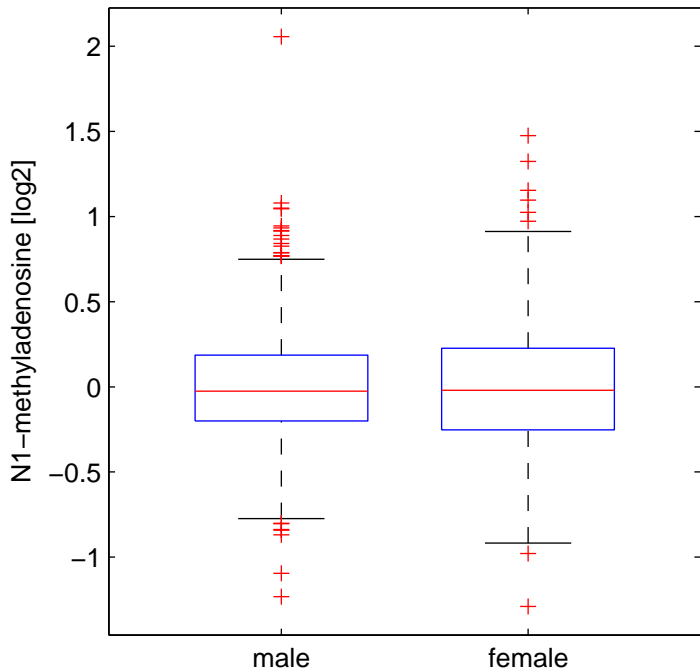
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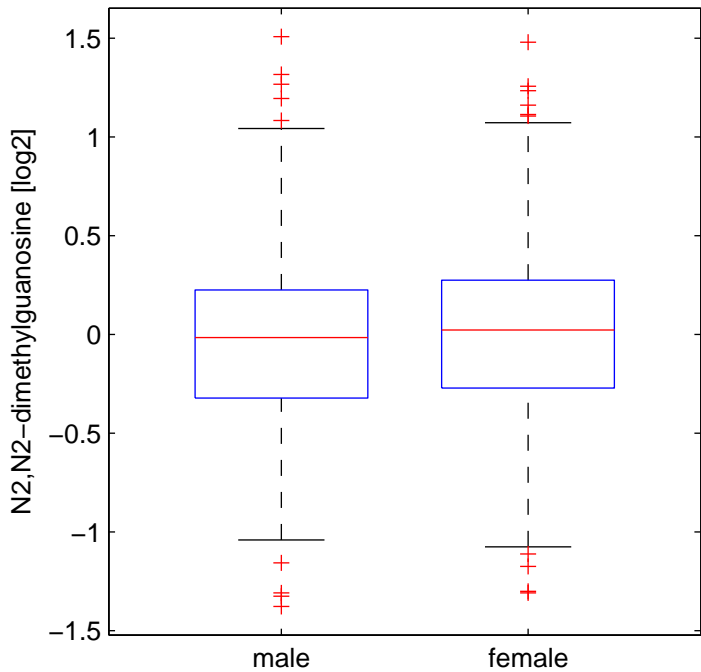
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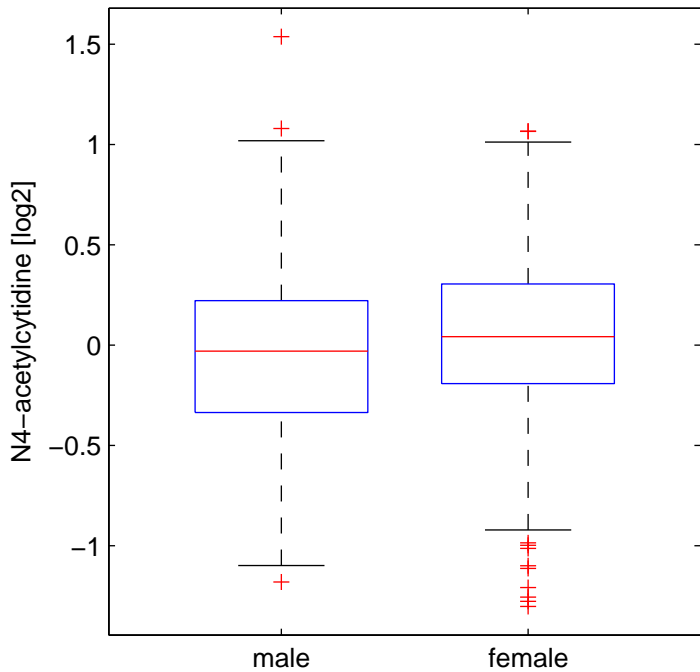
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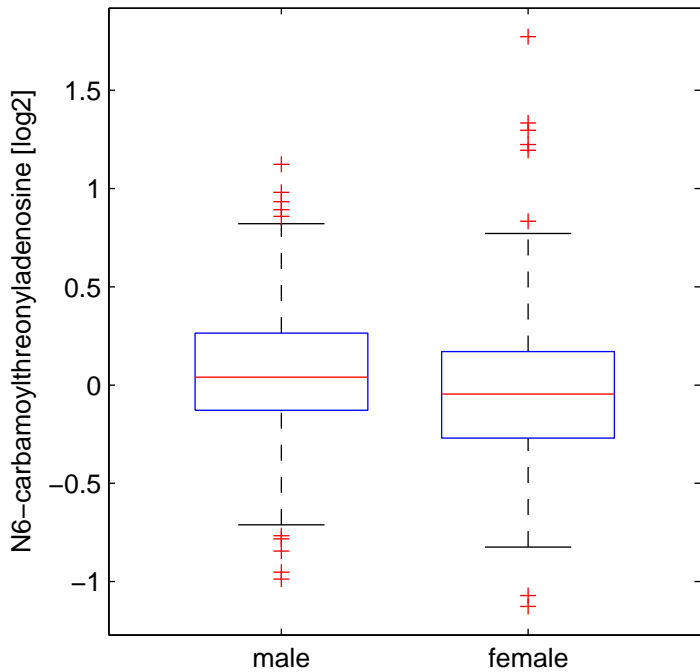
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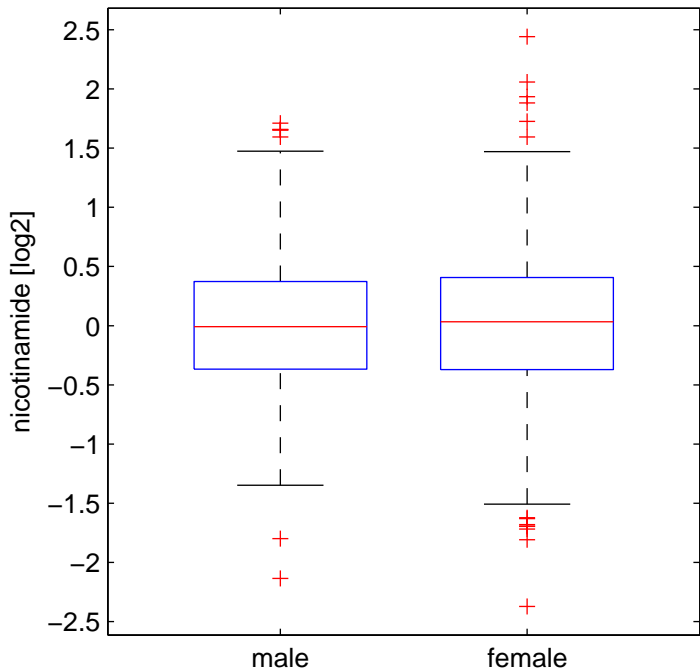
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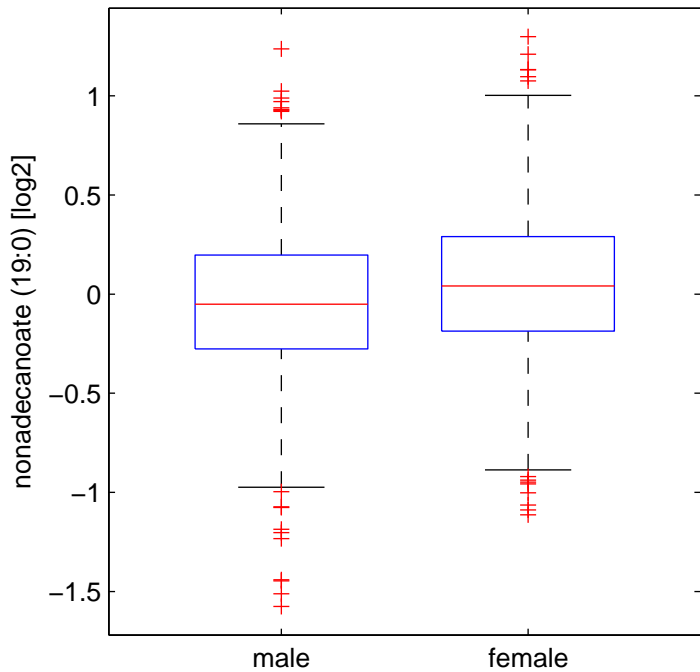
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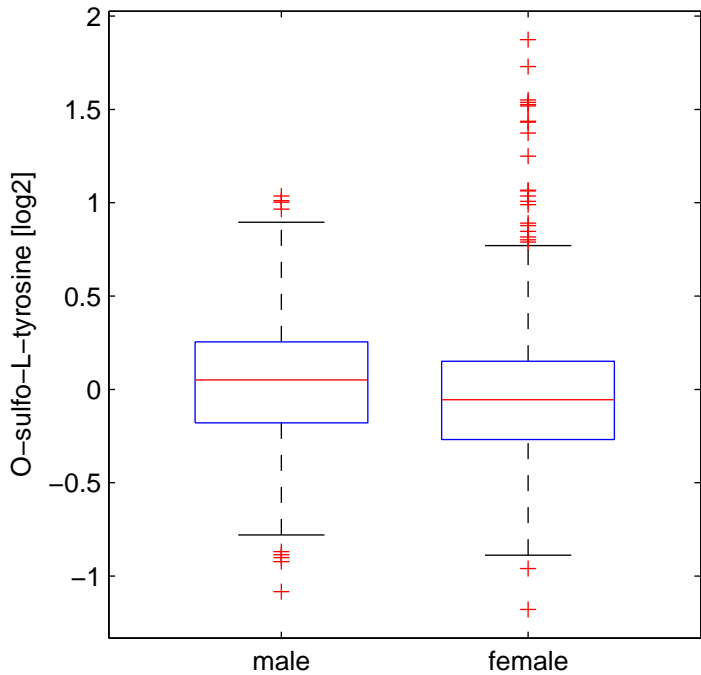
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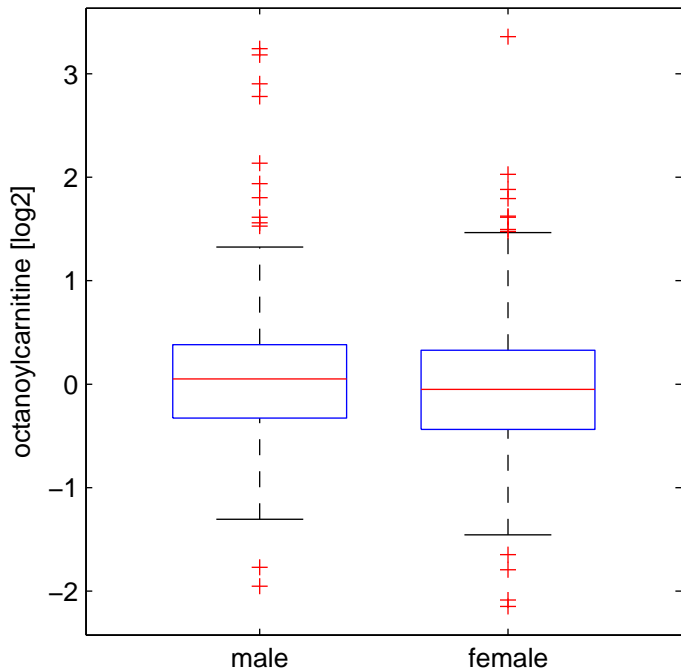
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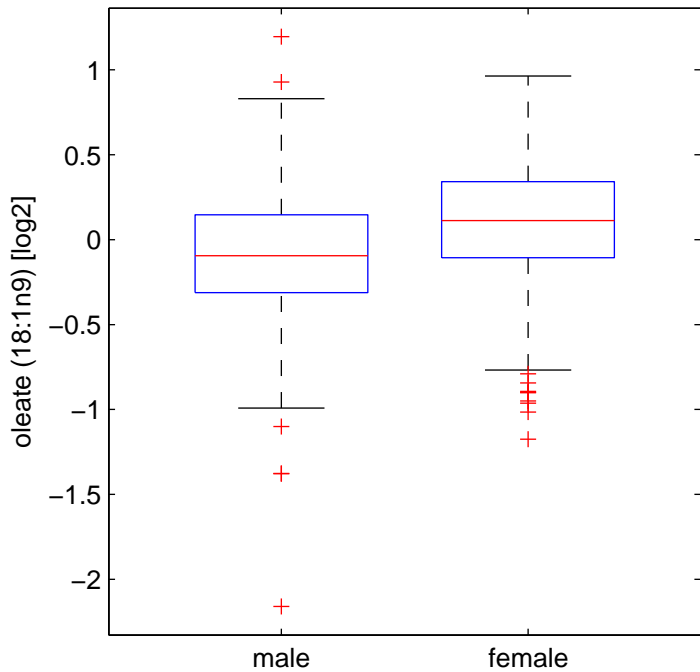
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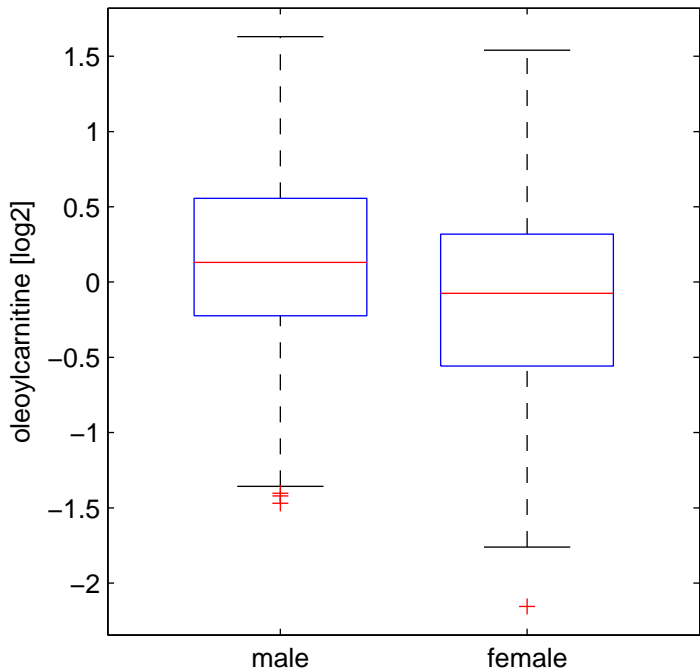
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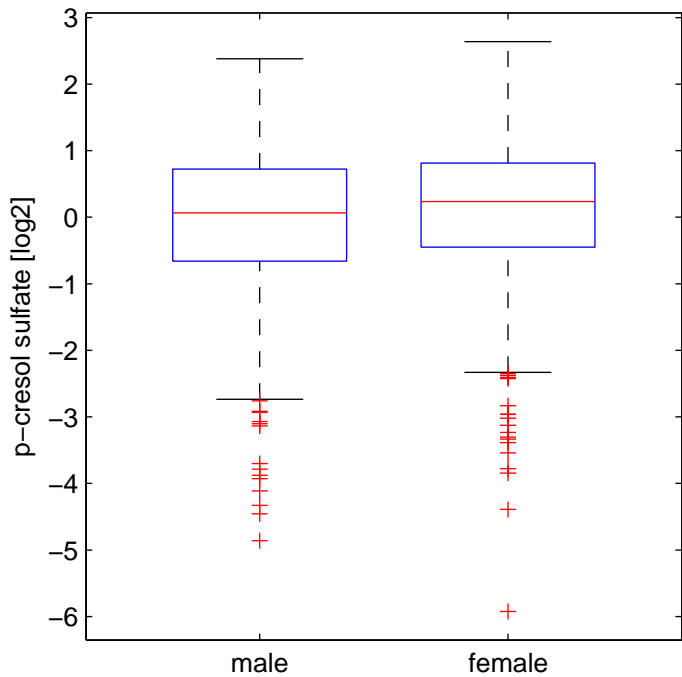
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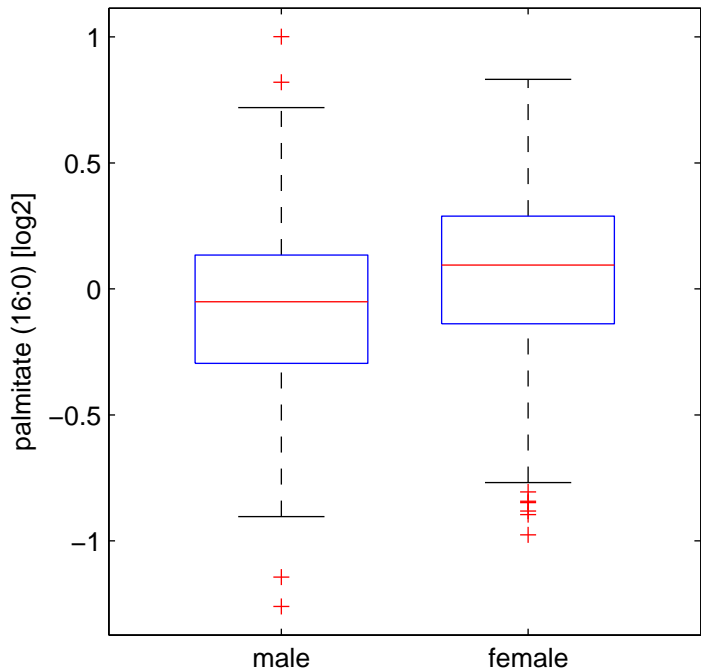
p-val: 3.63e-011



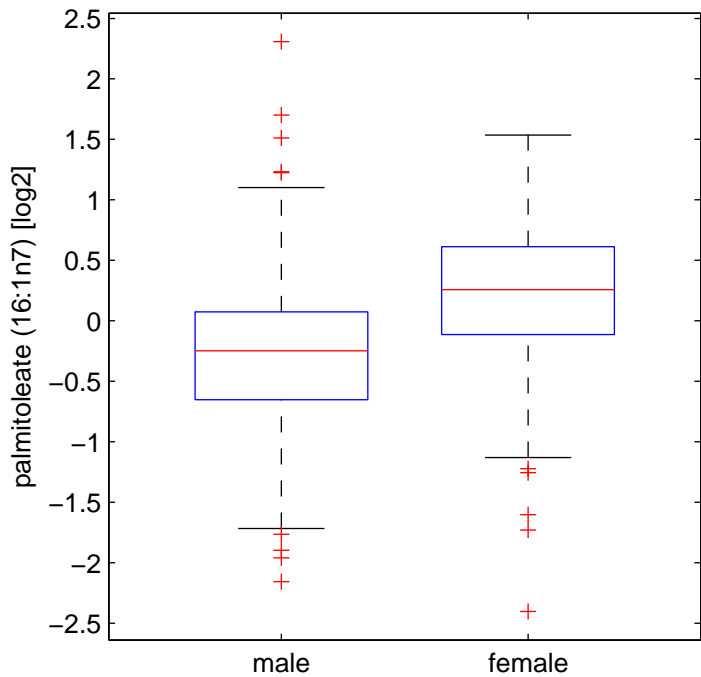
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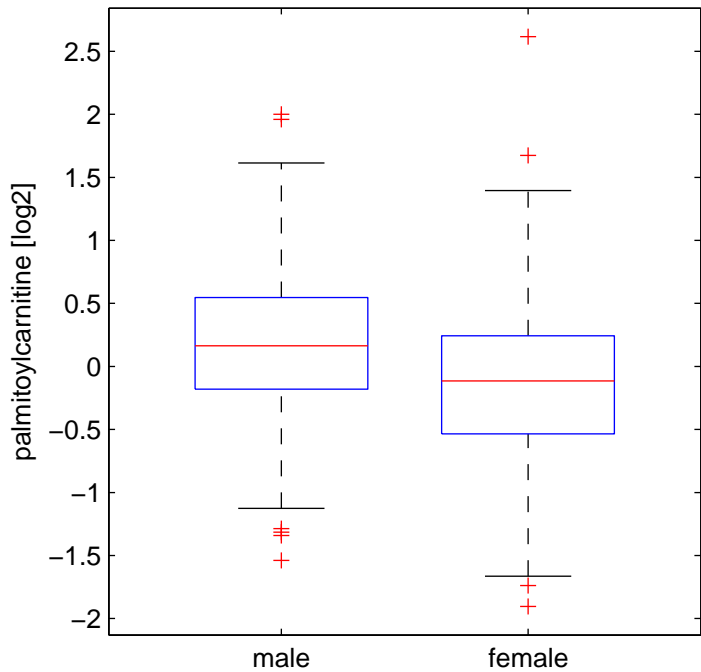
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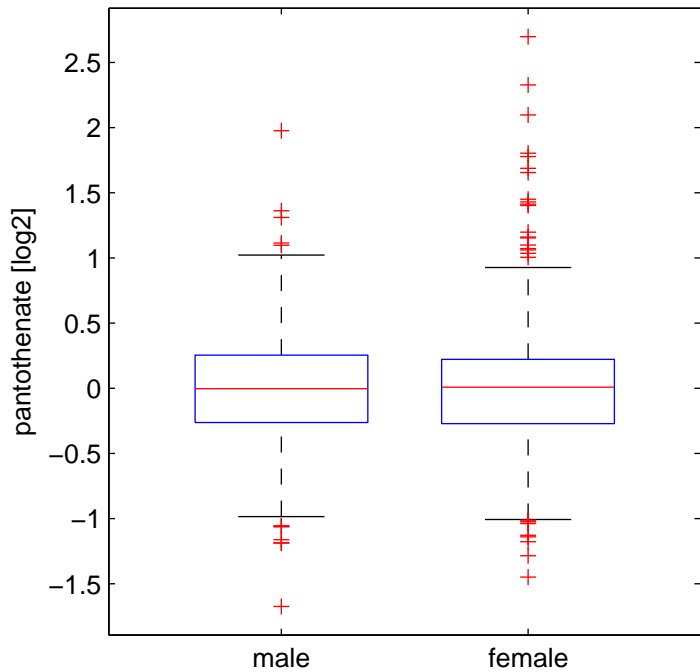
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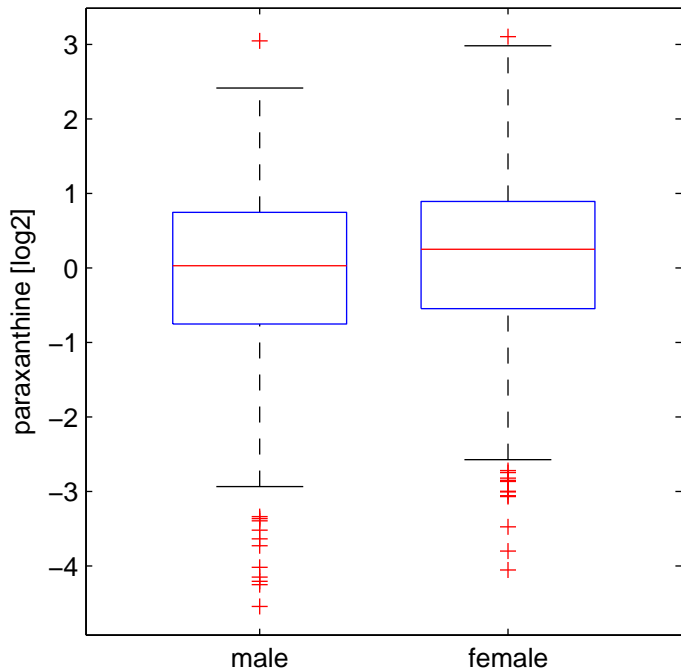
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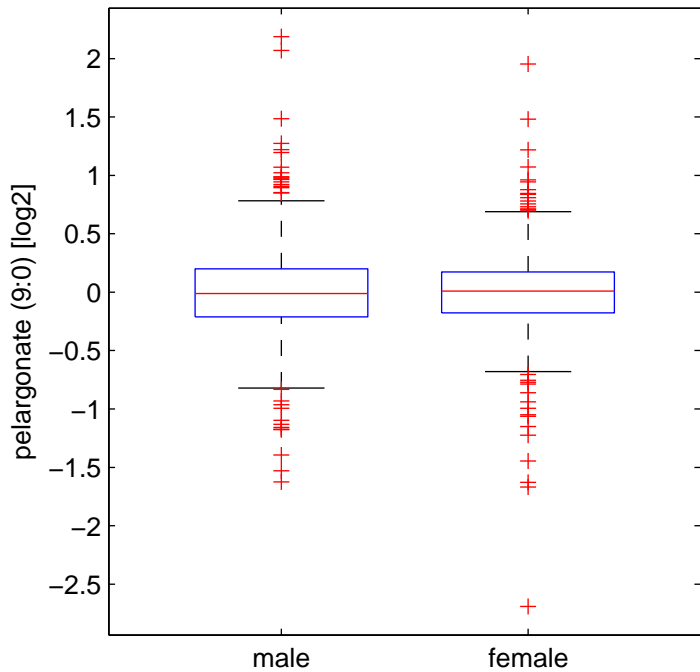
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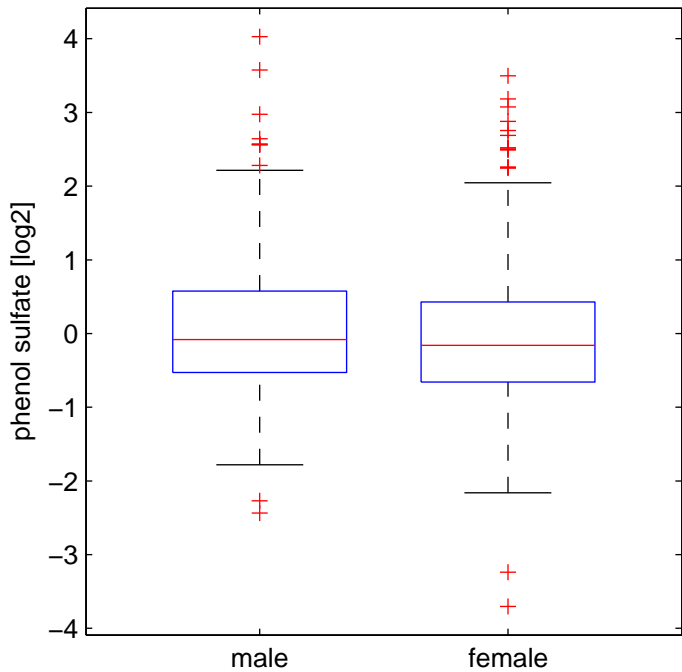
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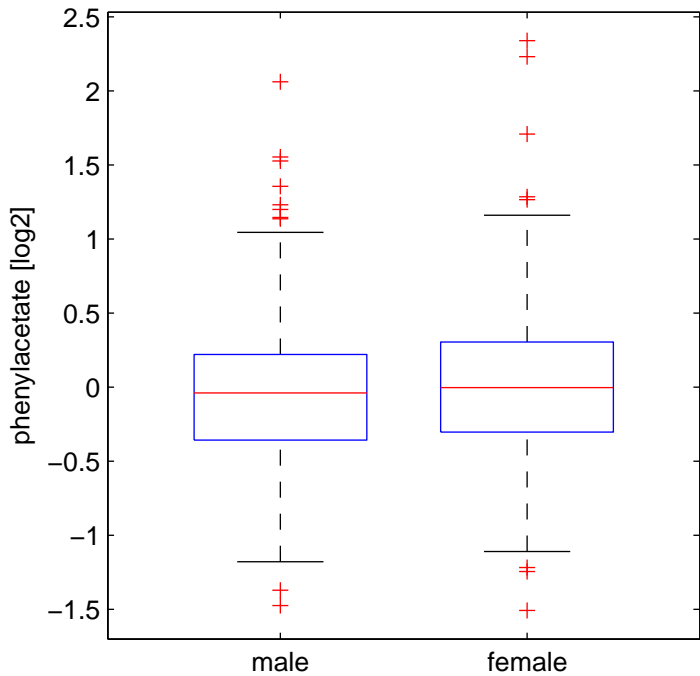
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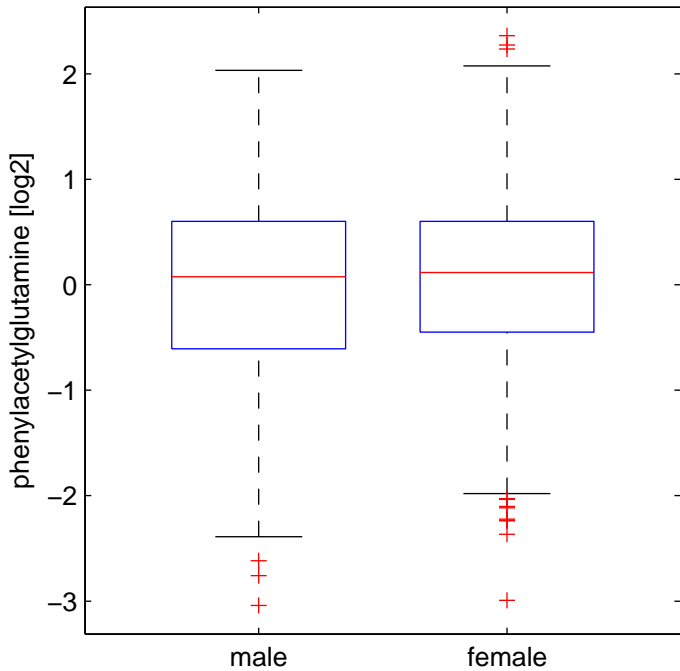
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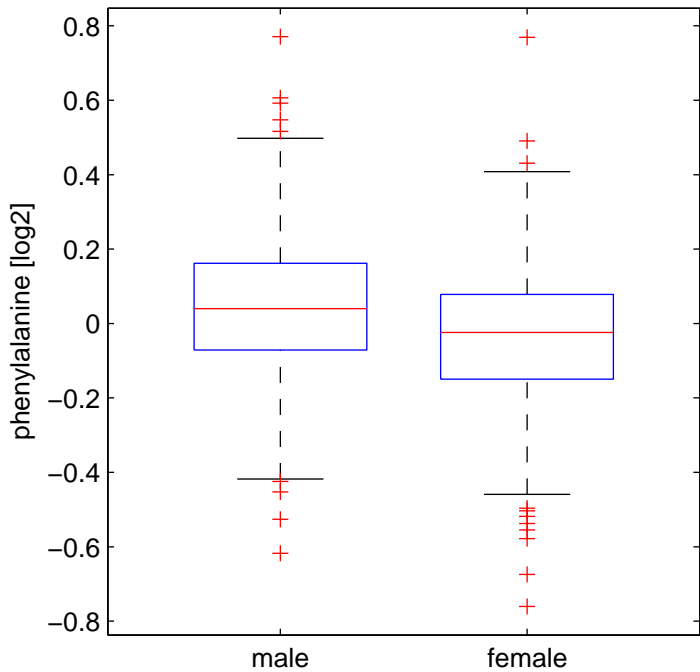
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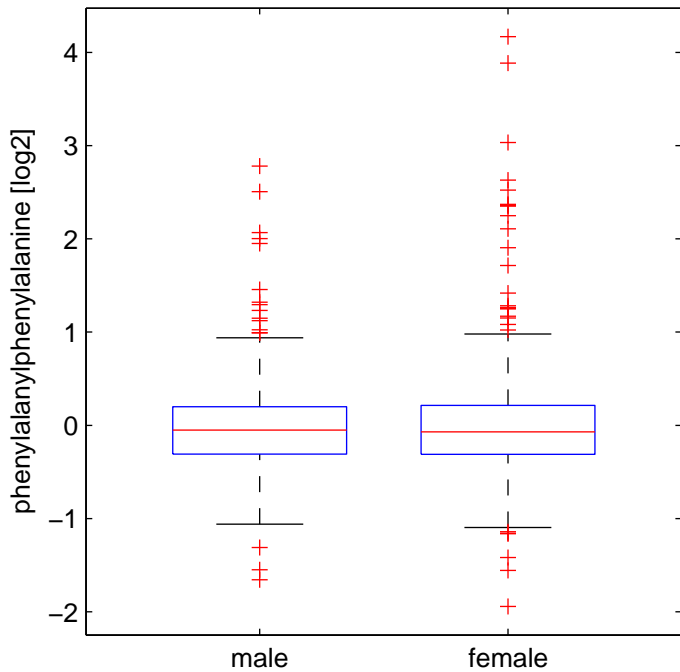
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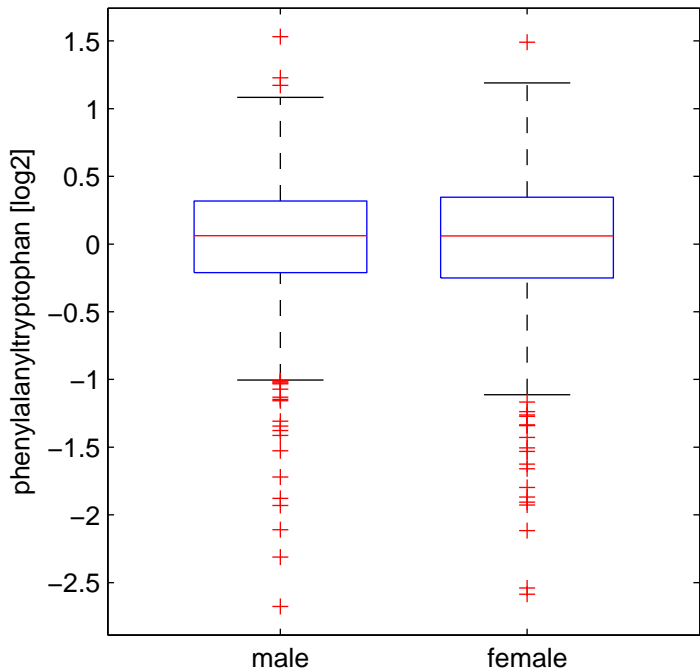
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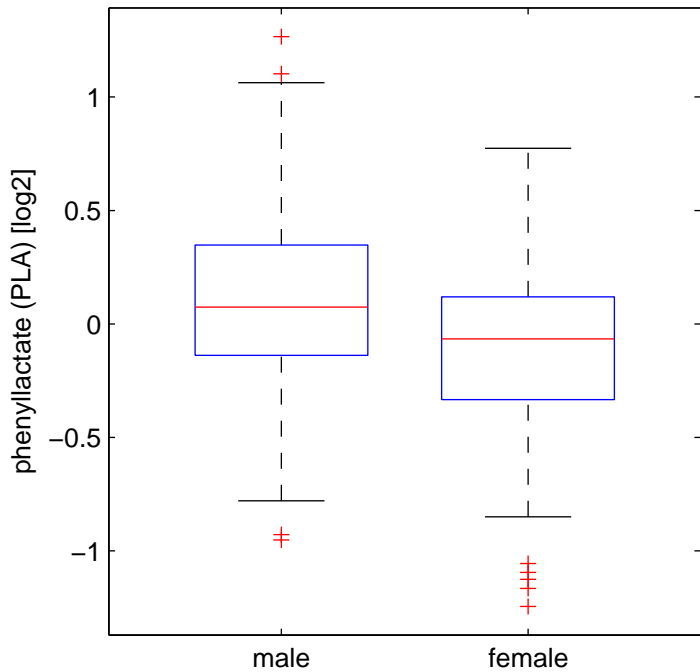
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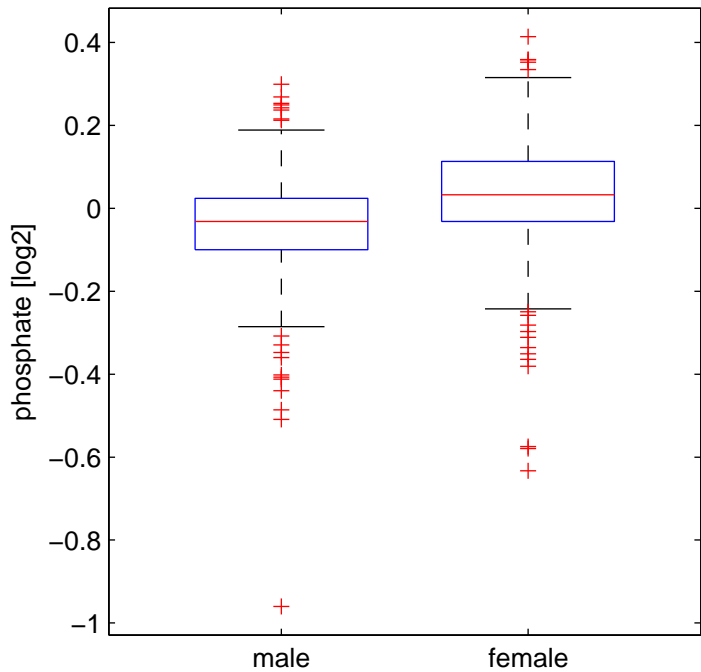
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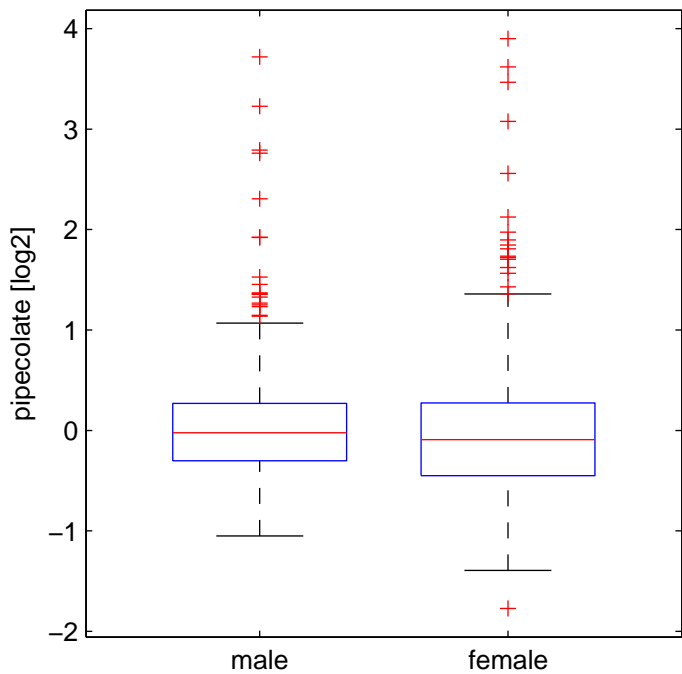
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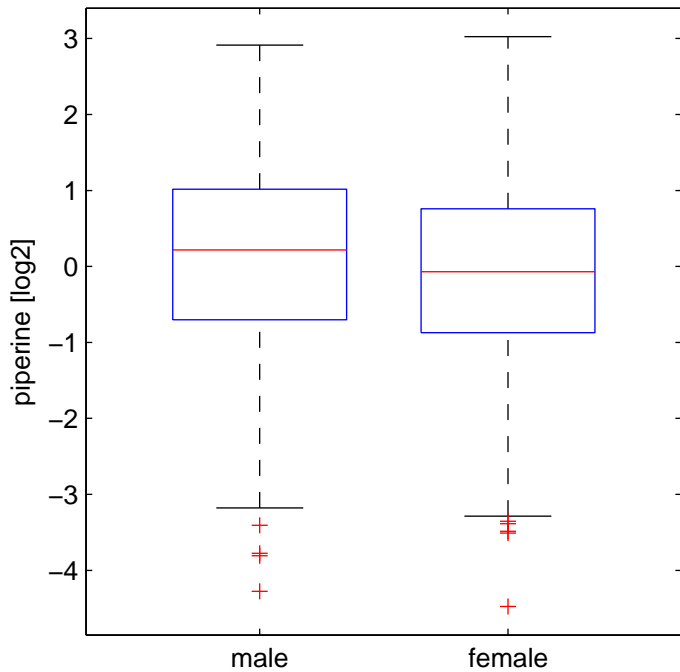
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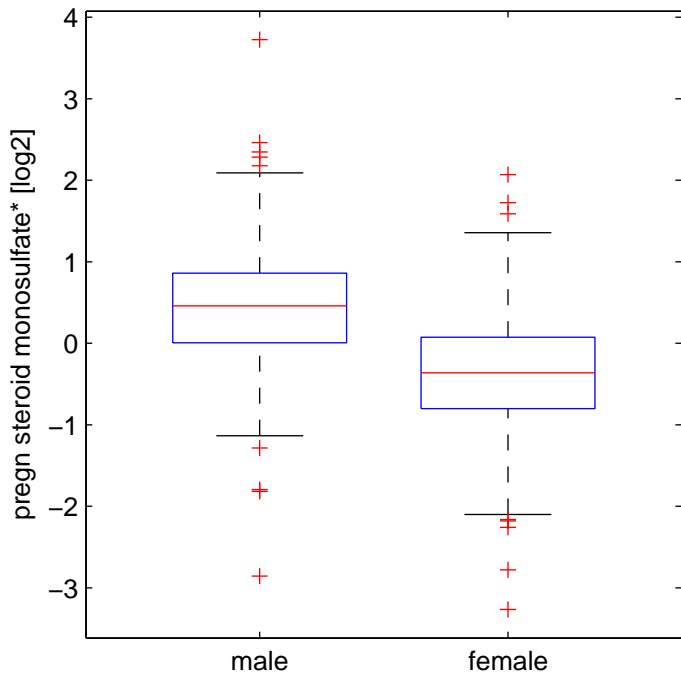
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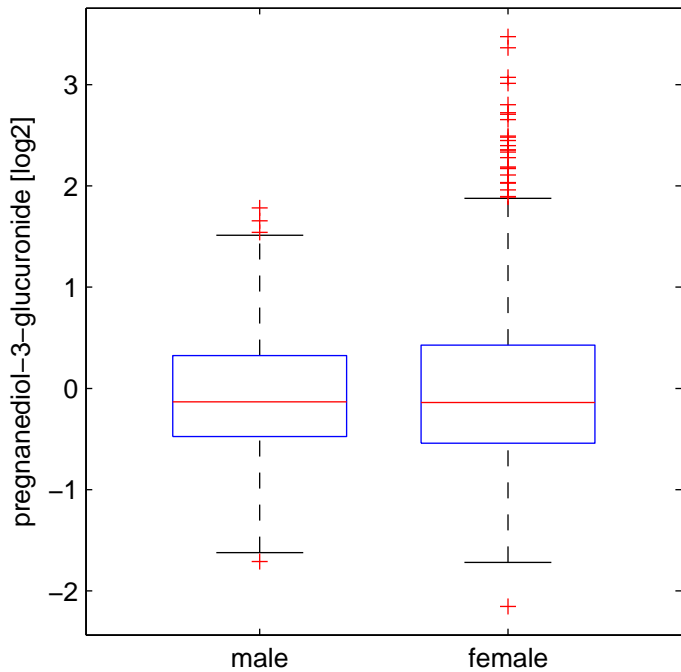
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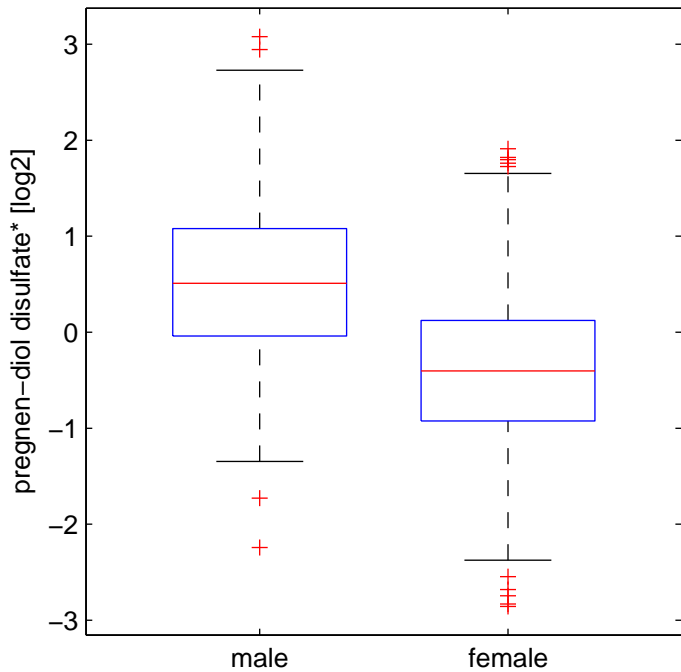
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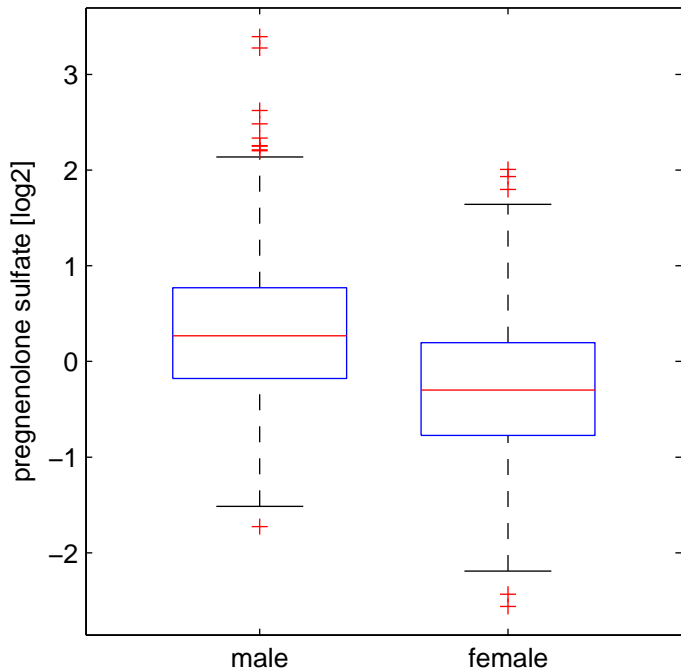
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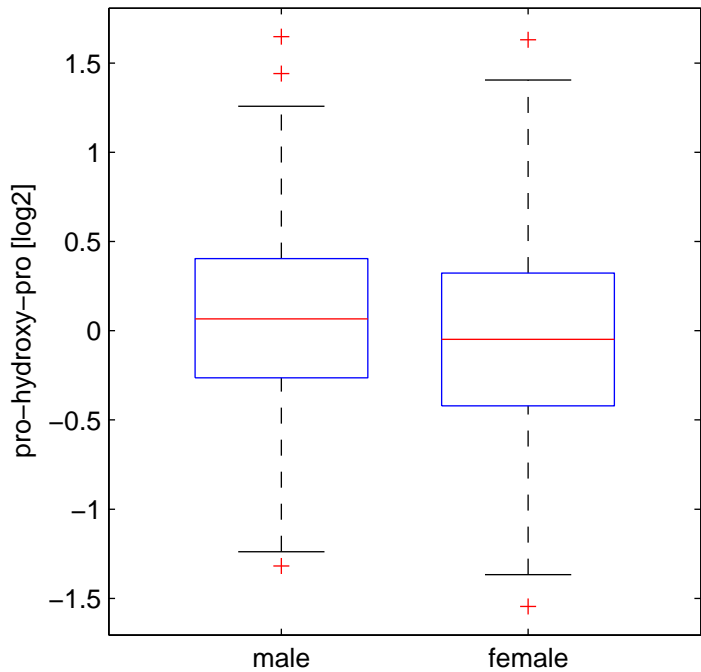
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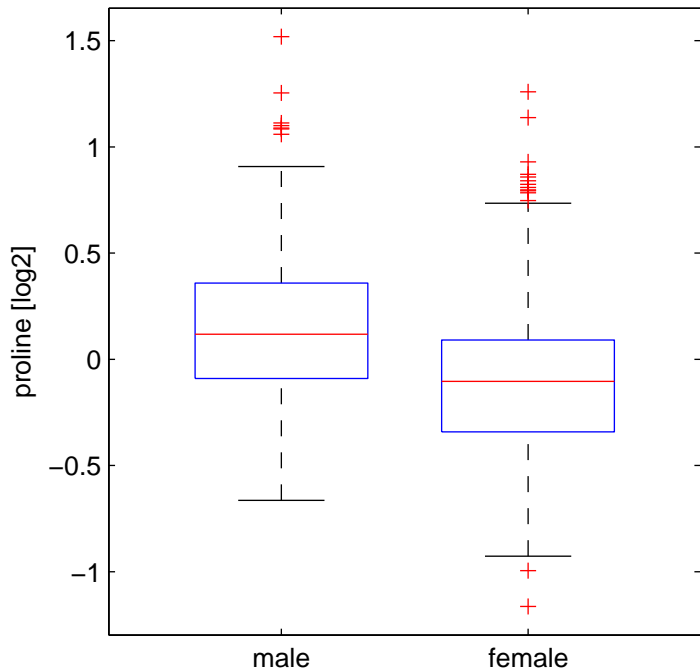
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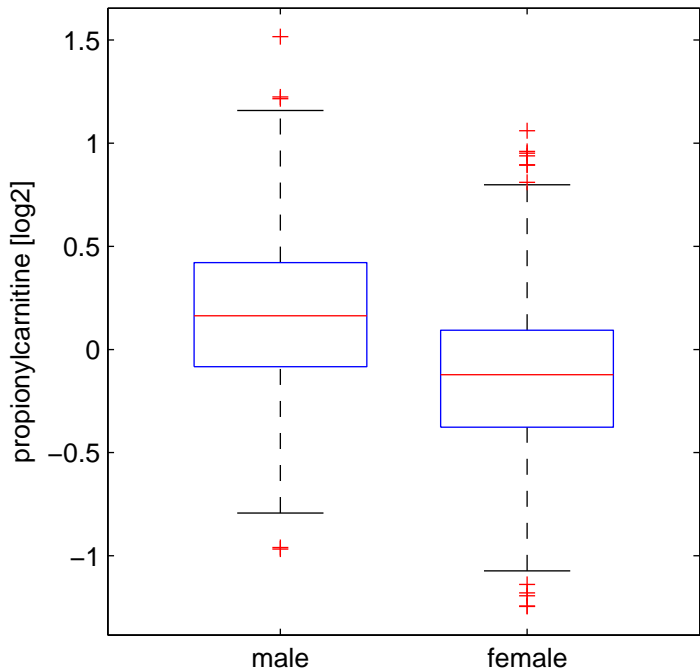
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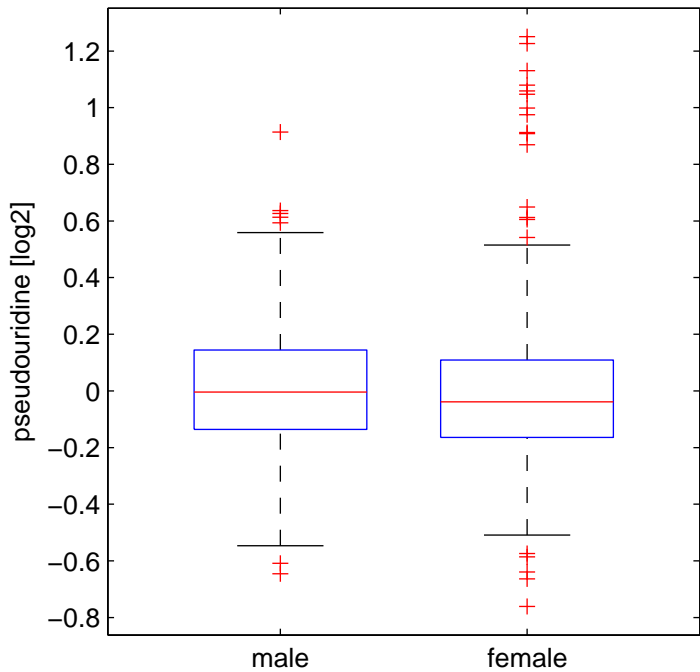
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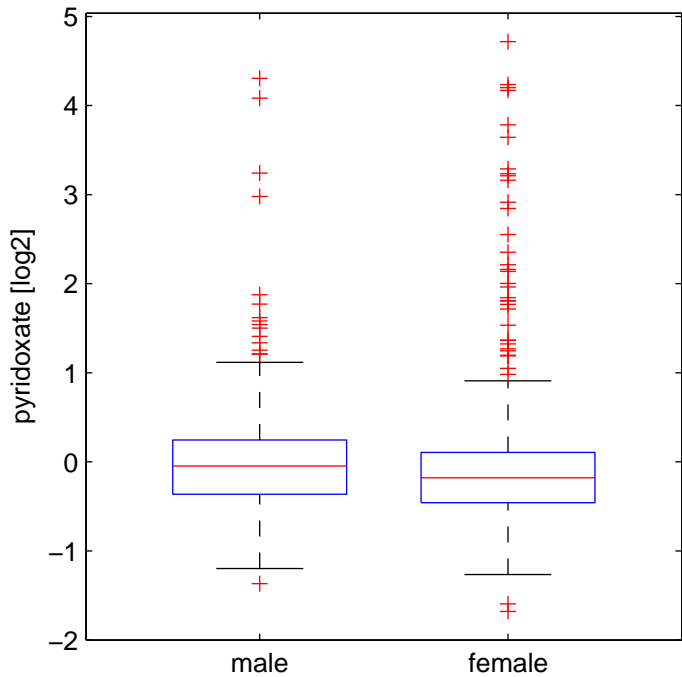
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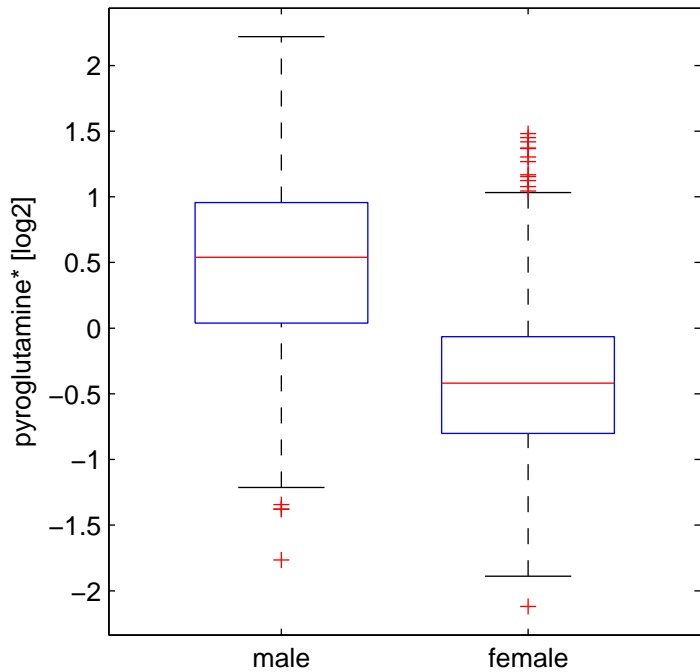
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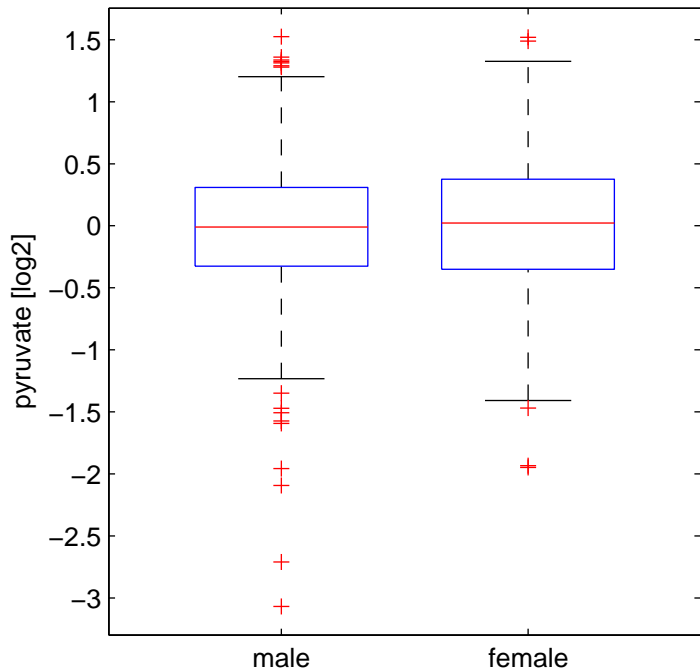
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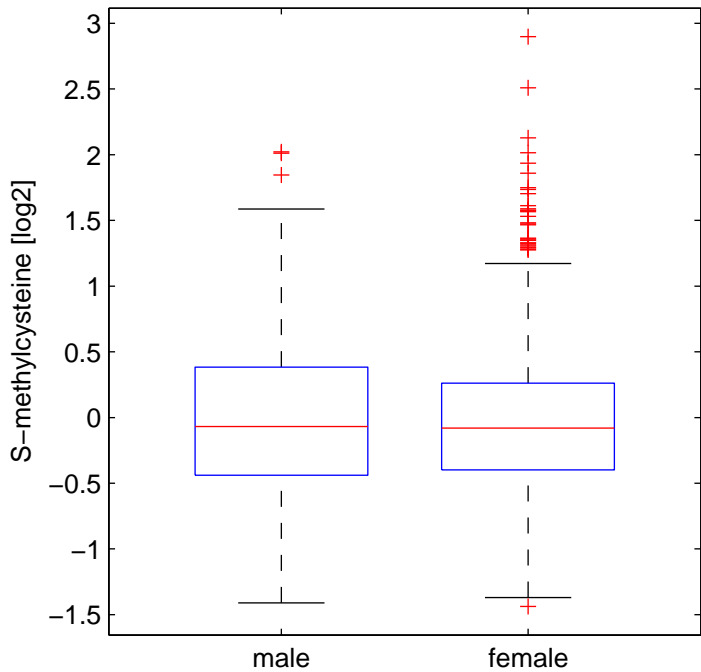
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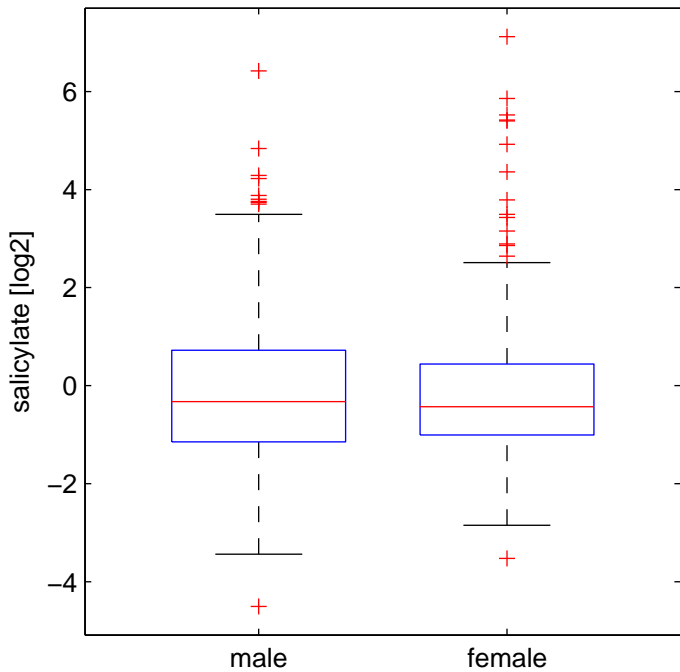
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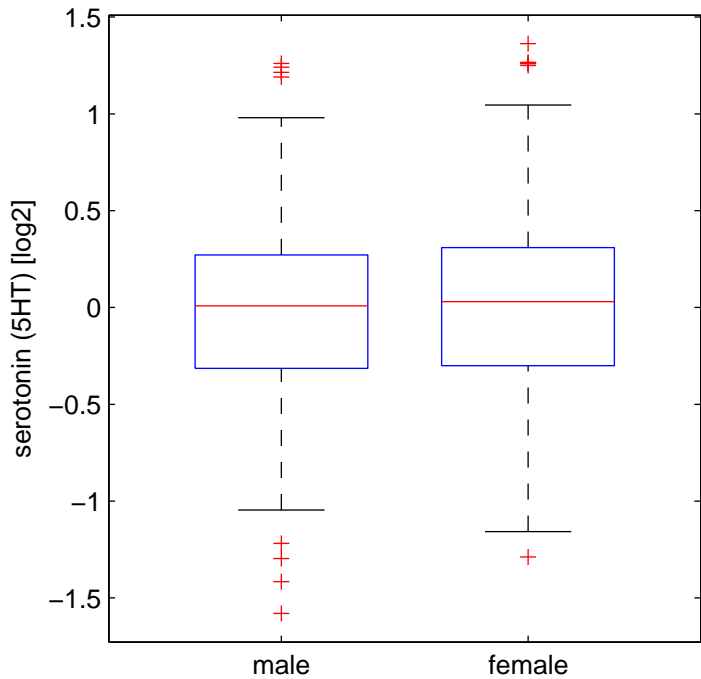
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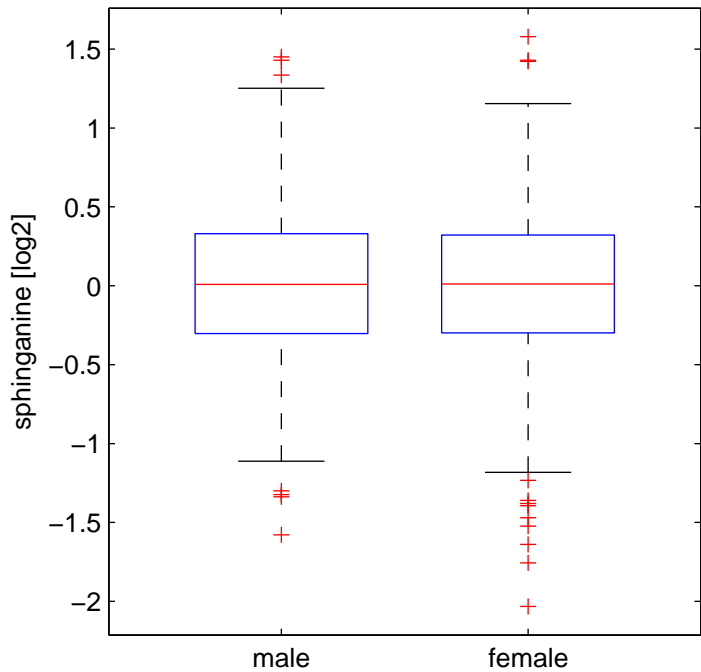
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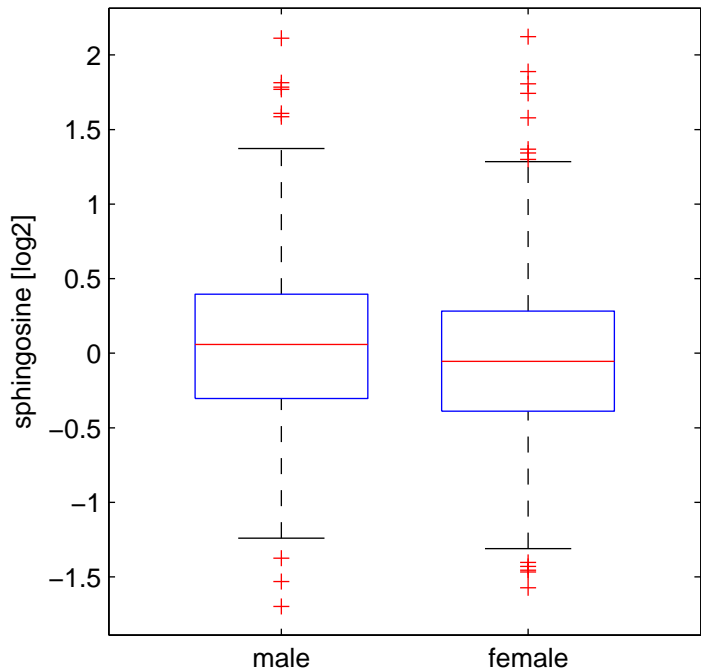
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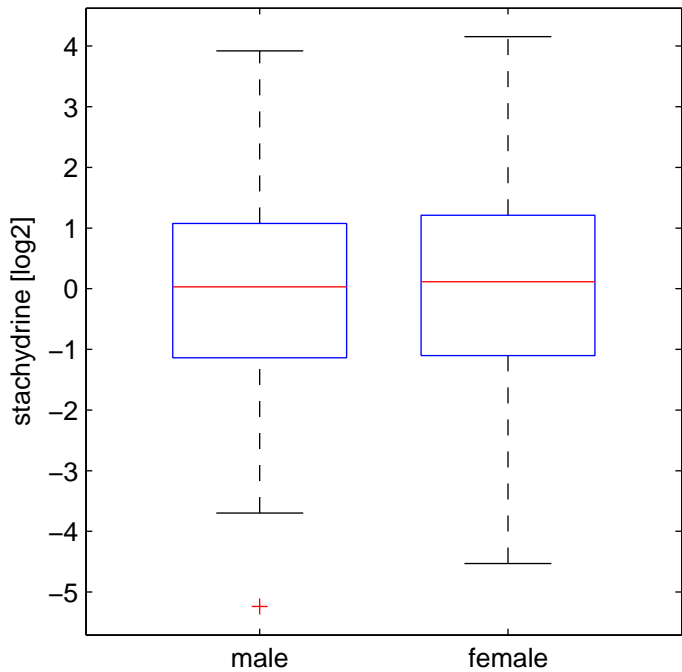
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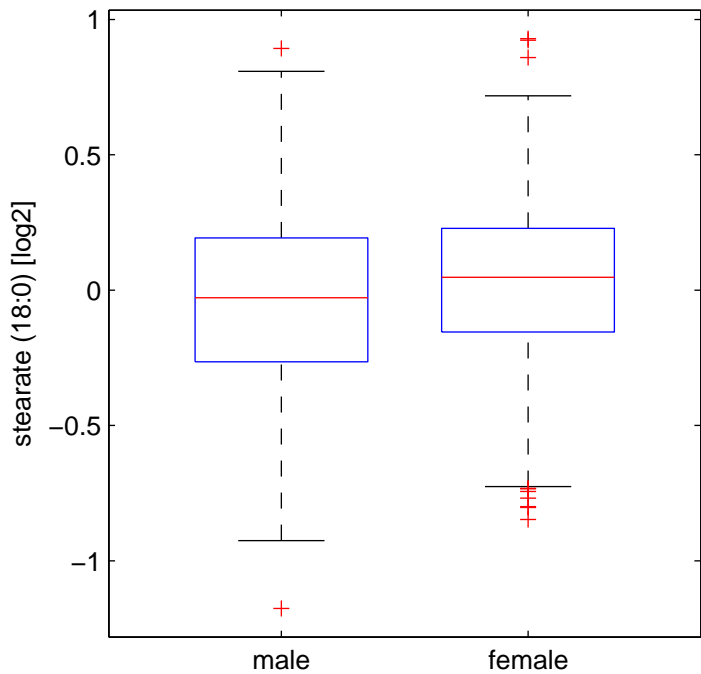
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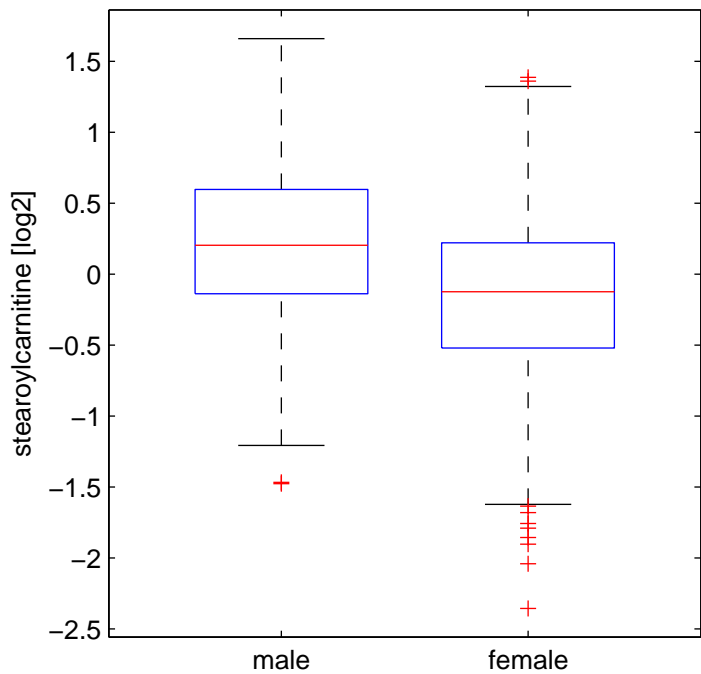
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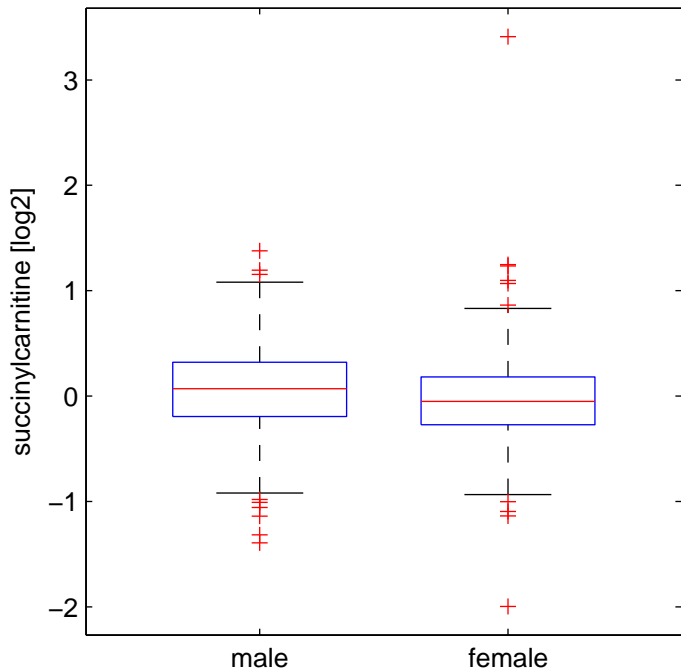
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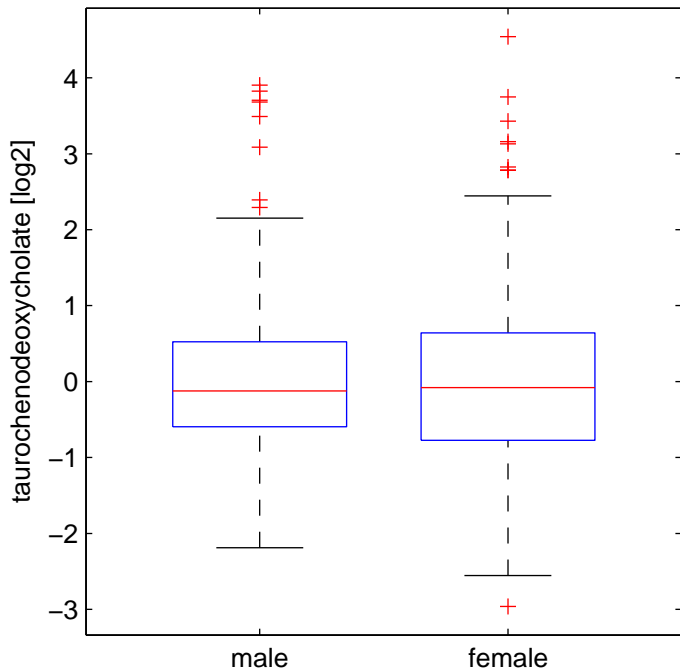
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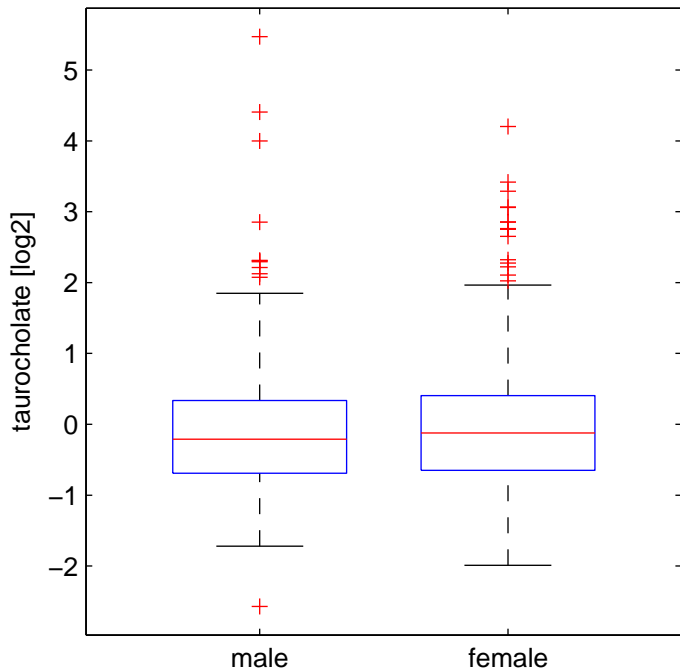
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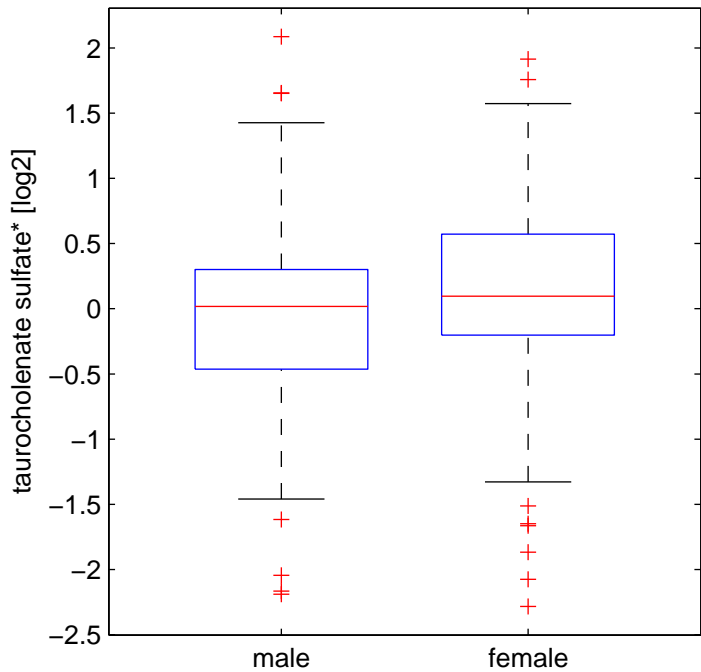
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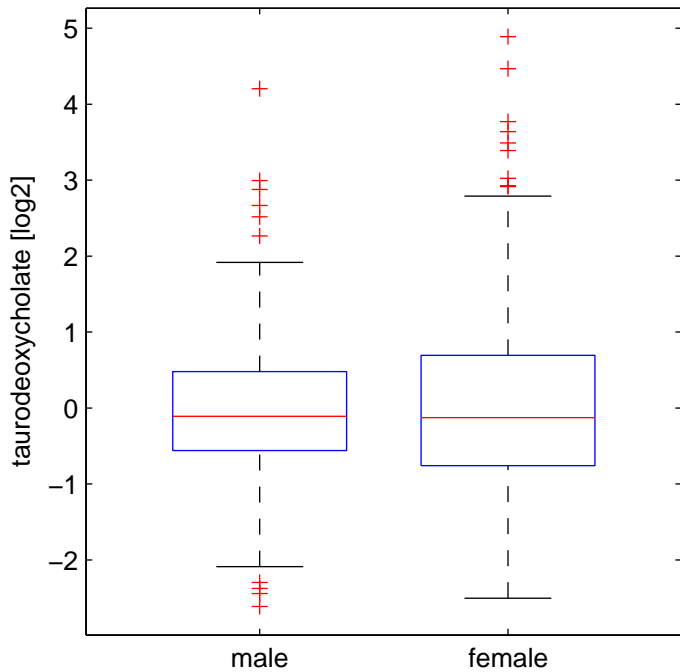
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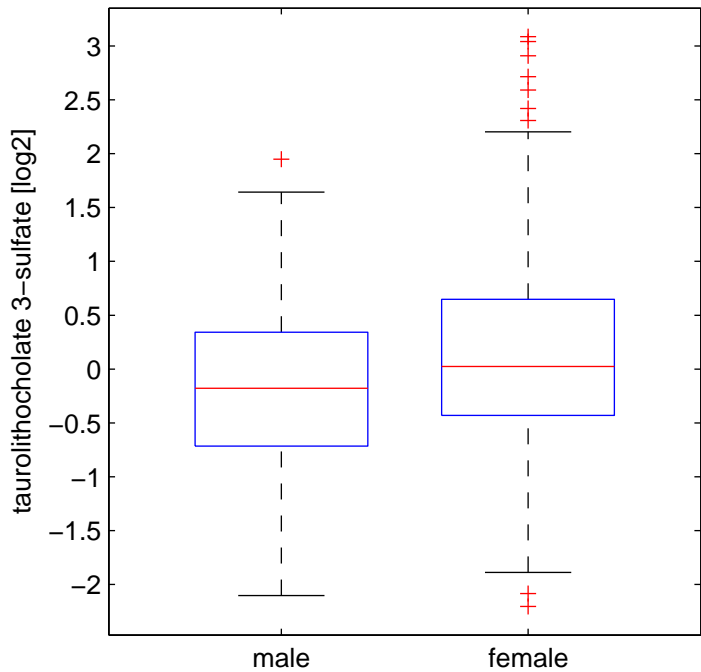
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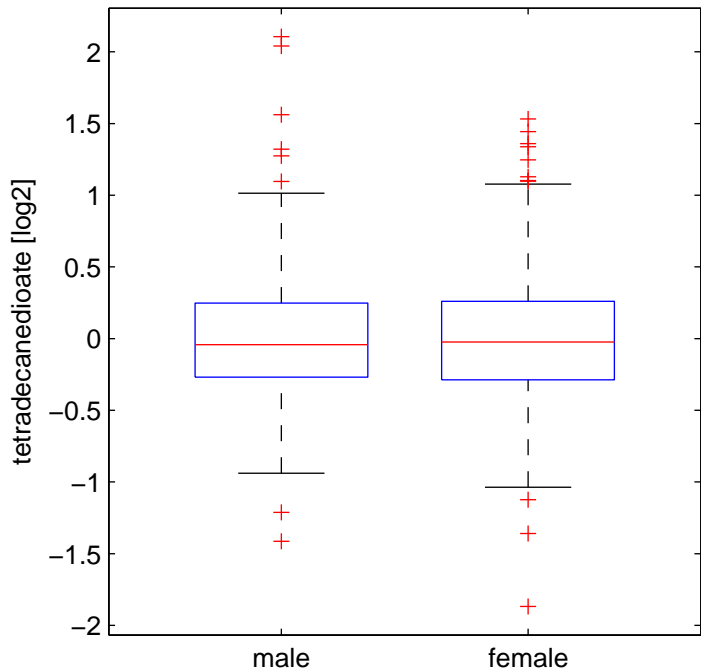
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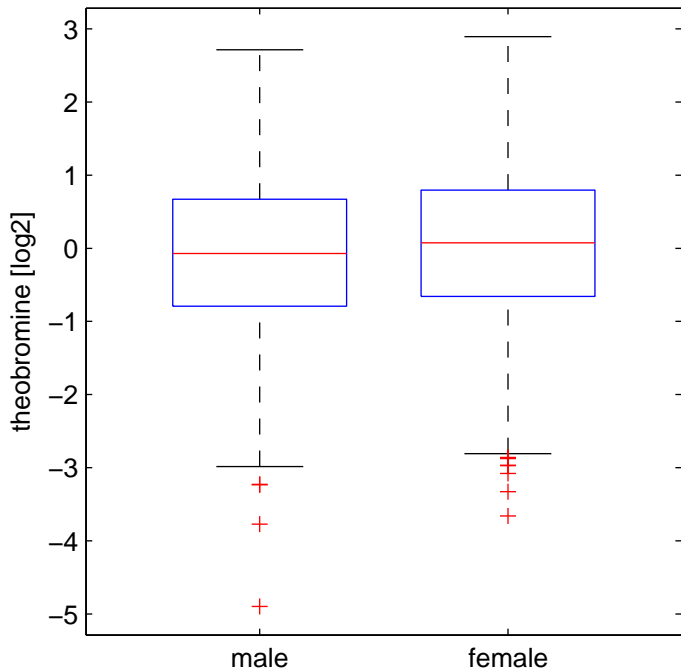
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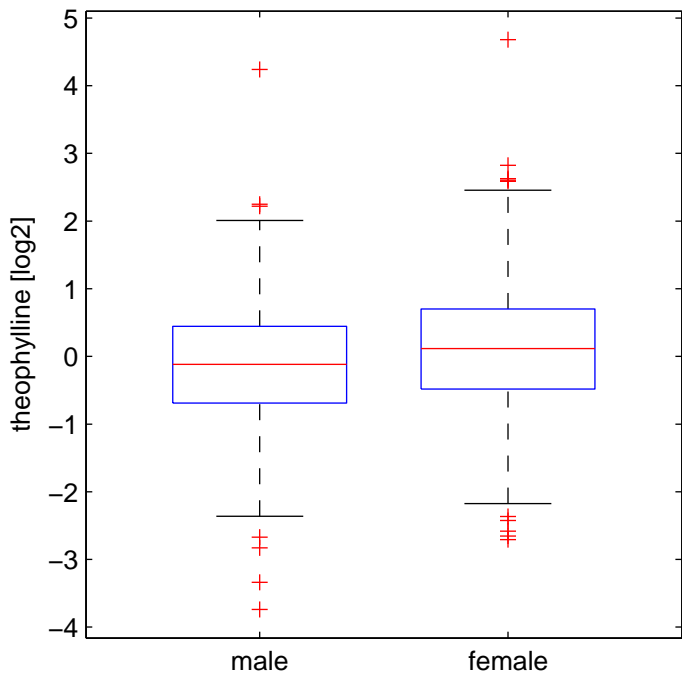
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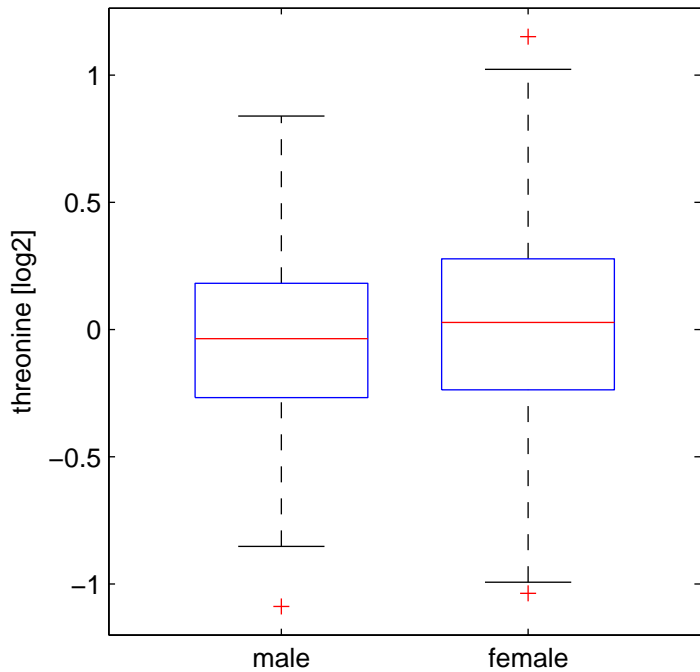
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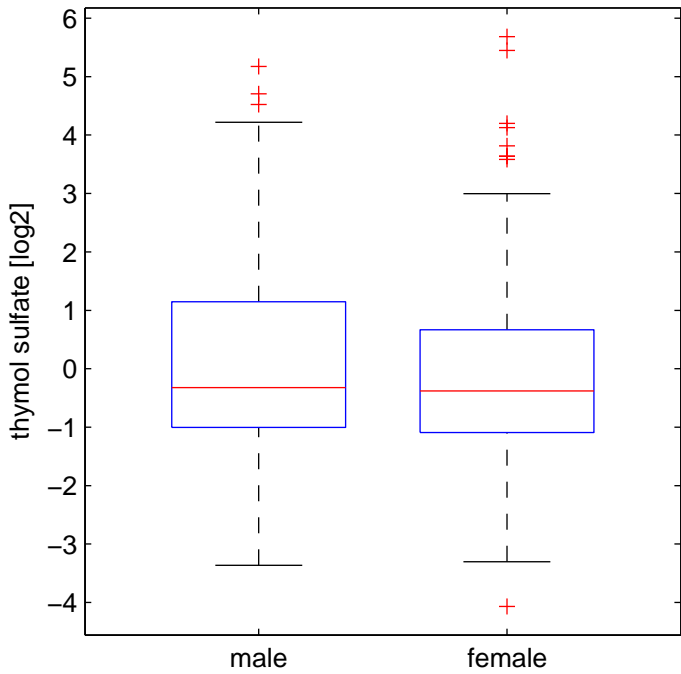
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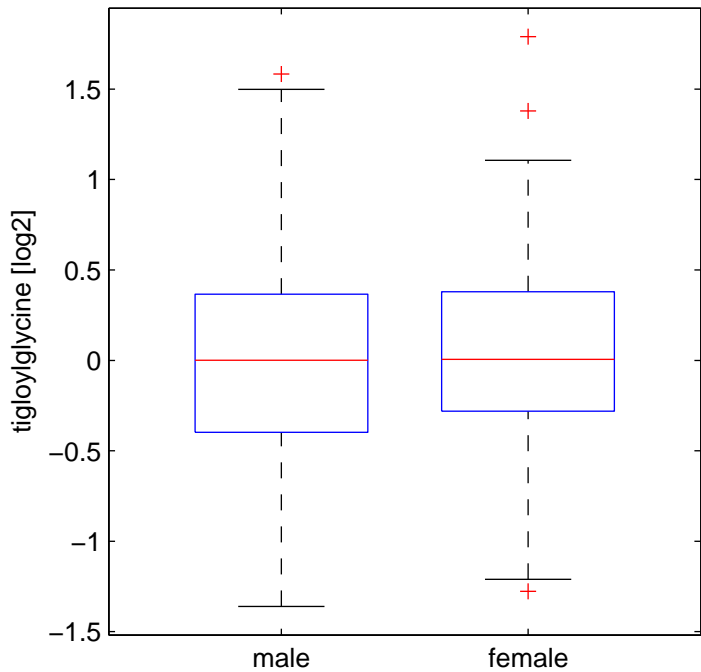
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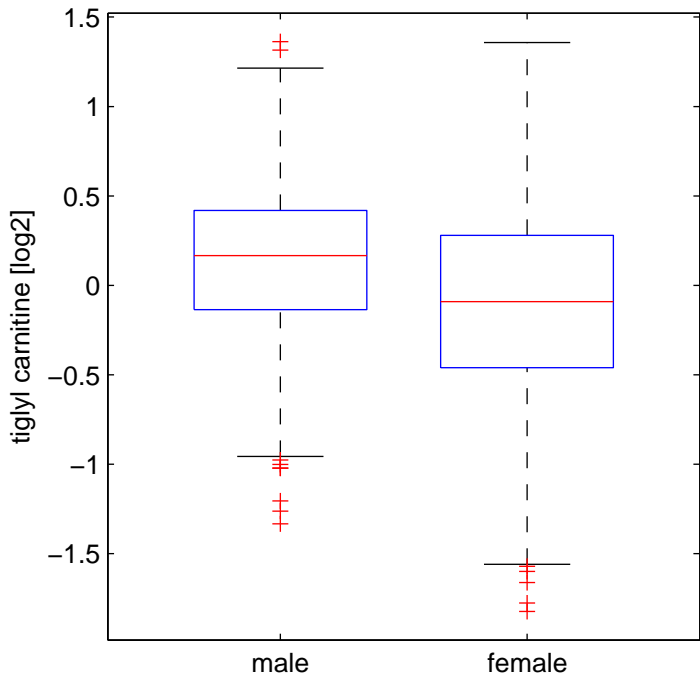
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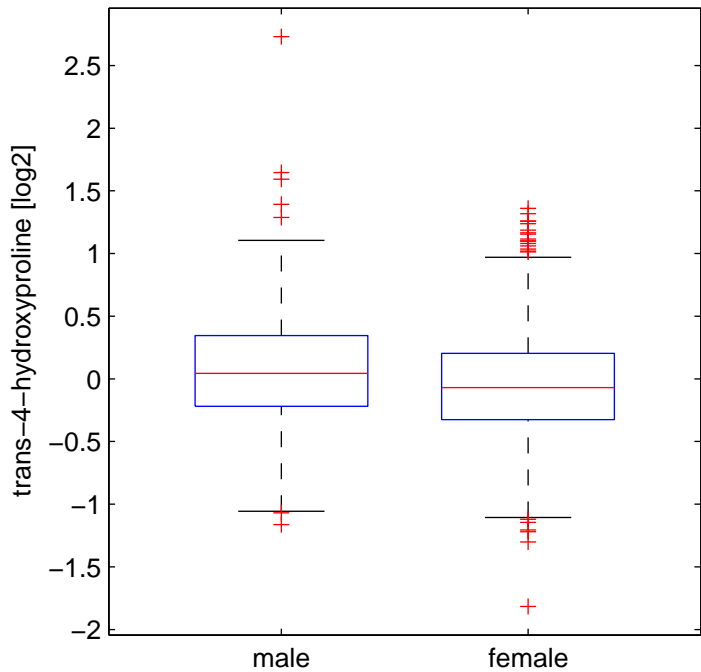
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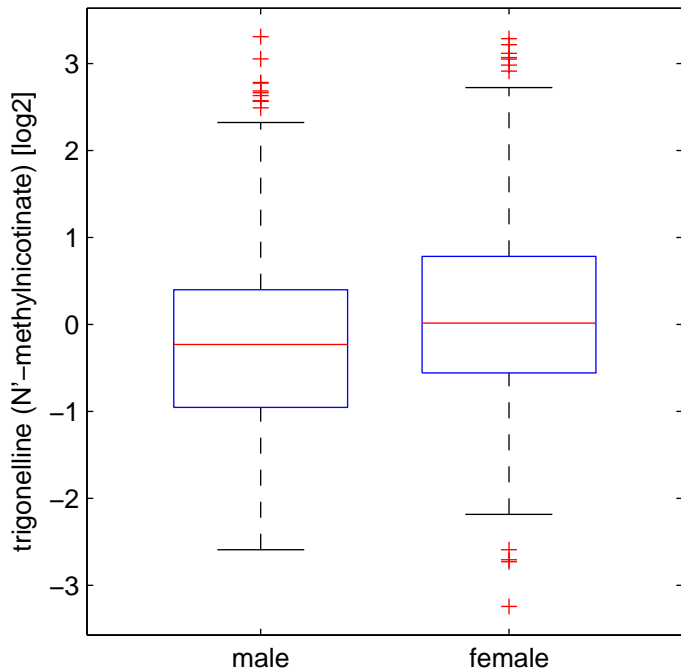
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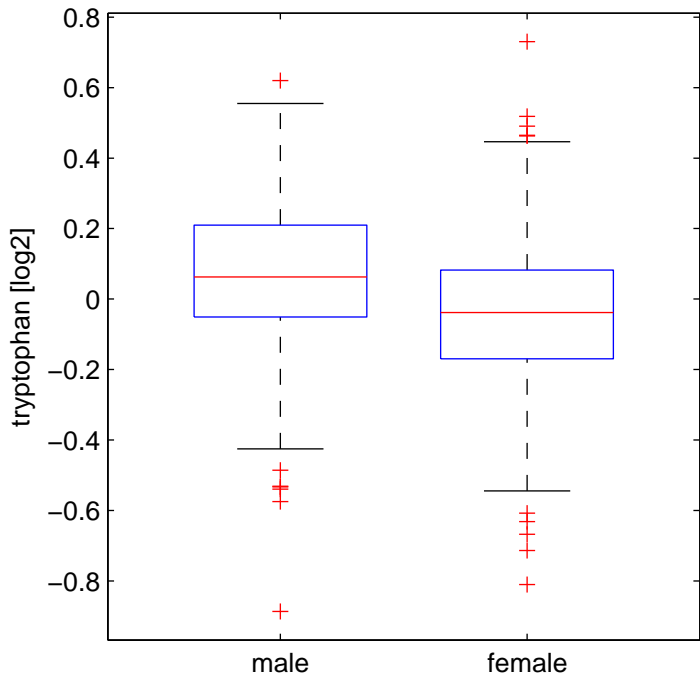
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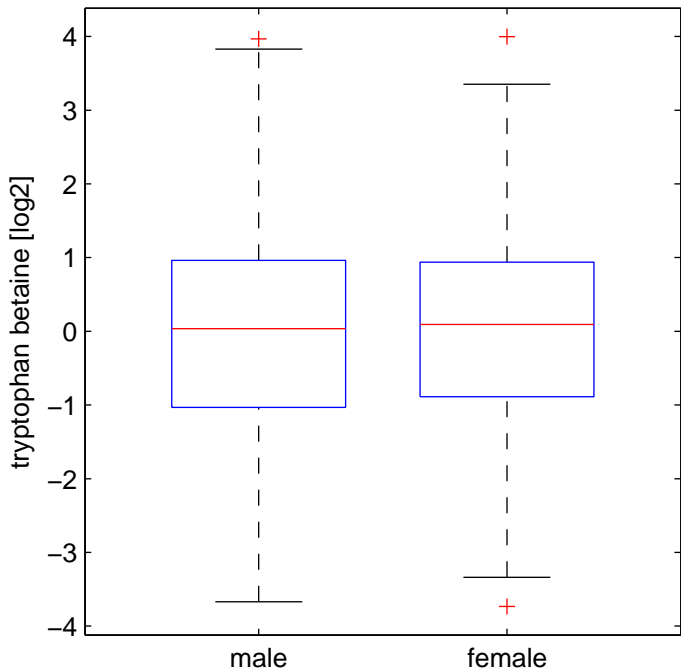
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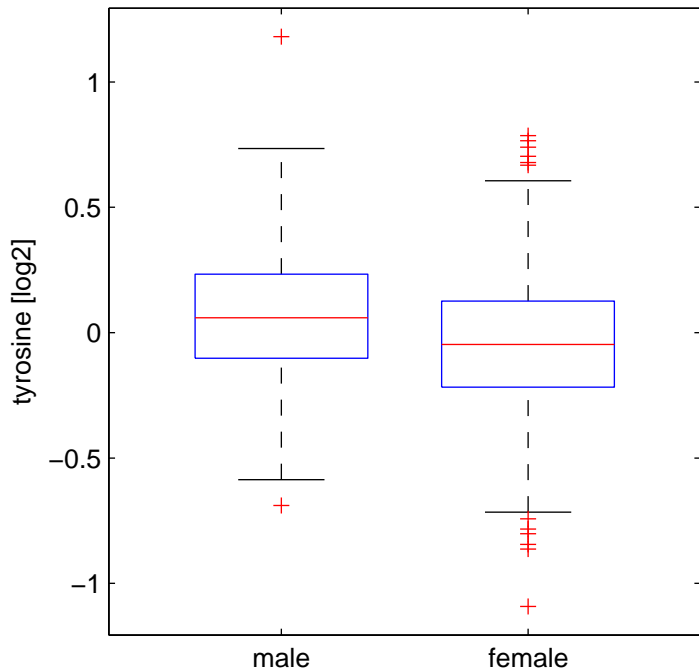
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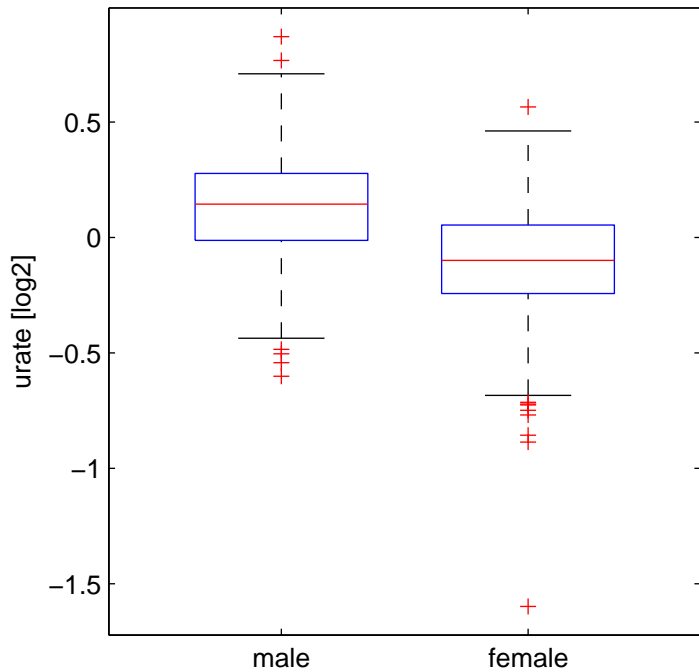
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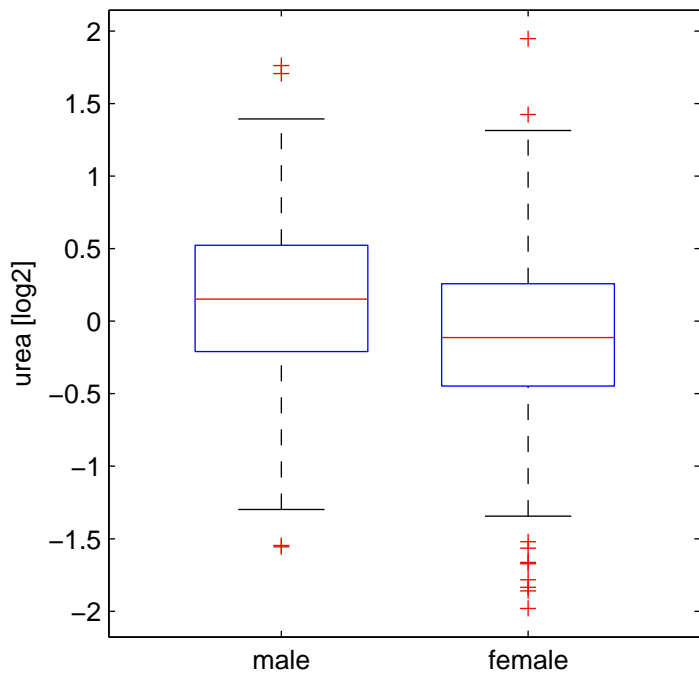
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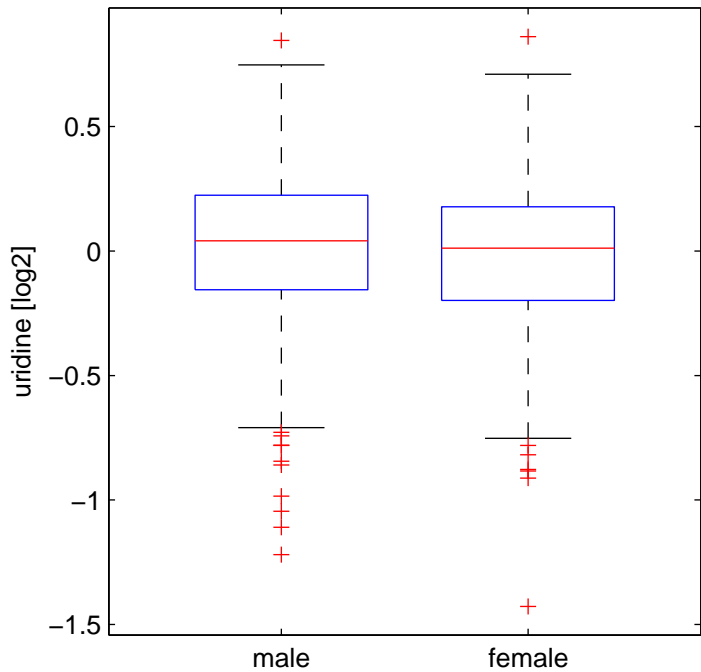
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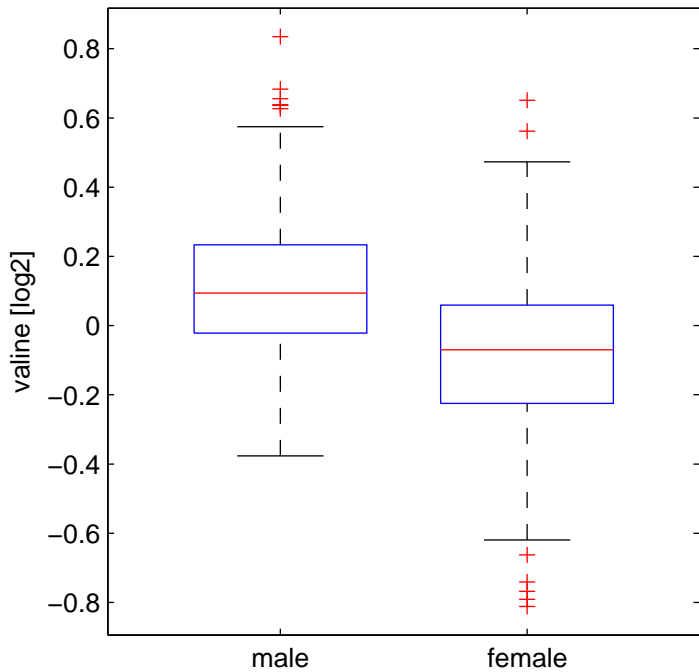
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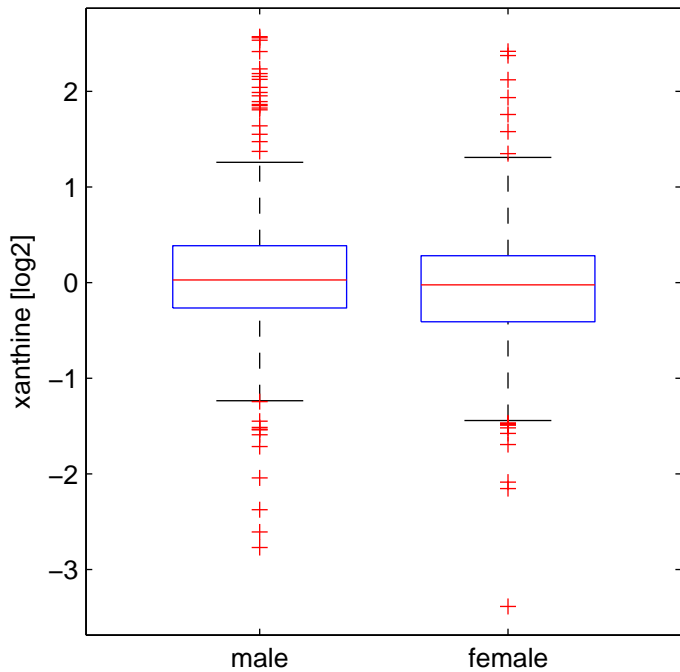
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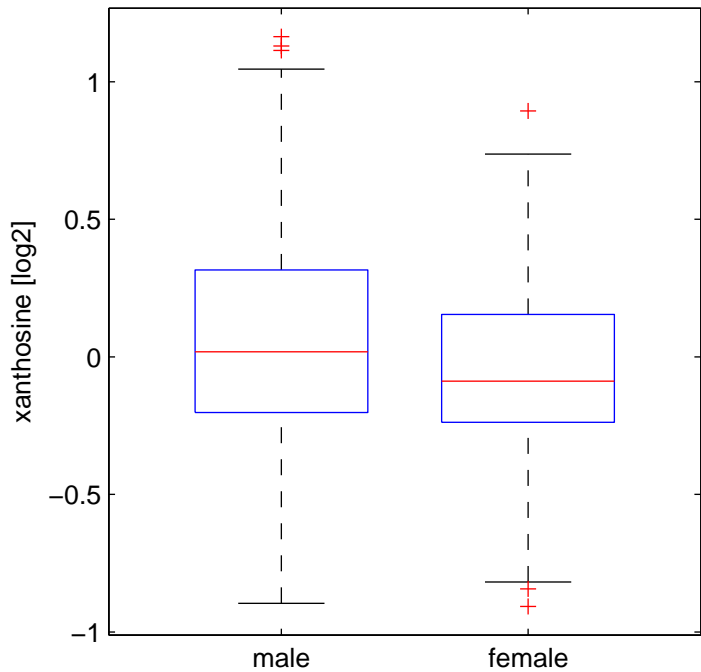
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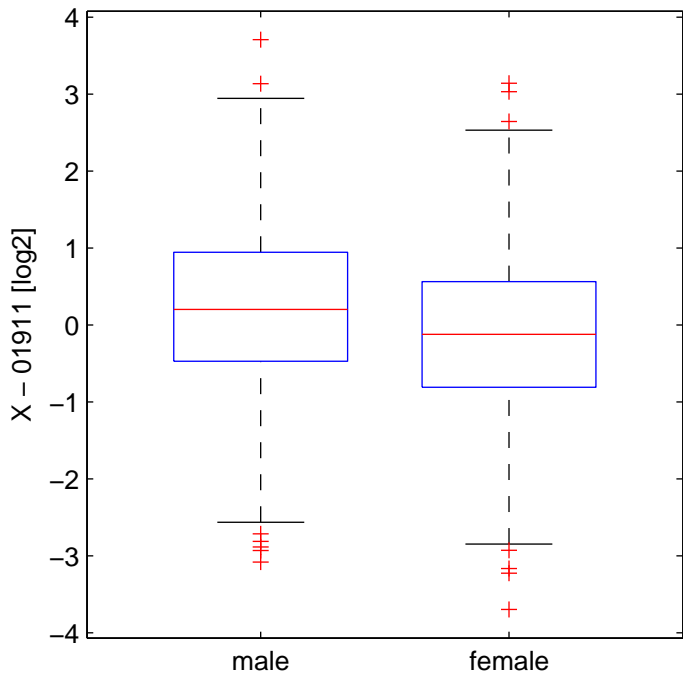
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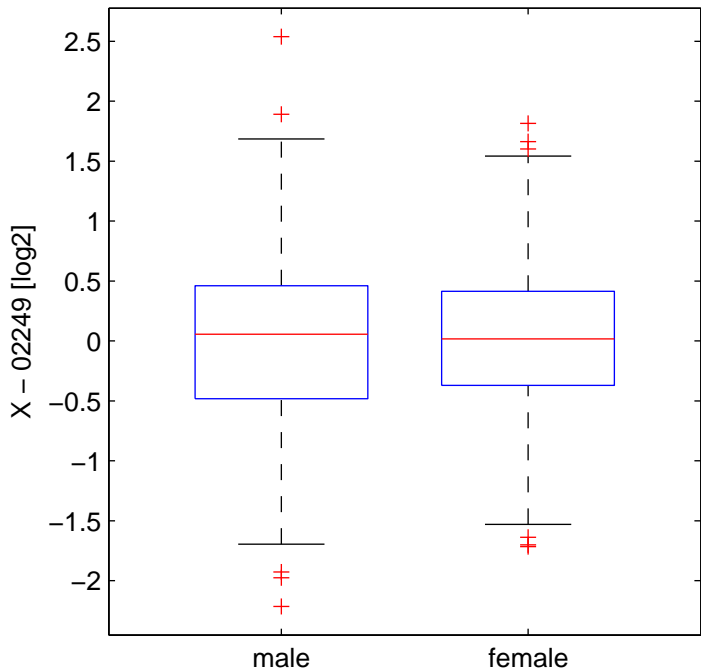
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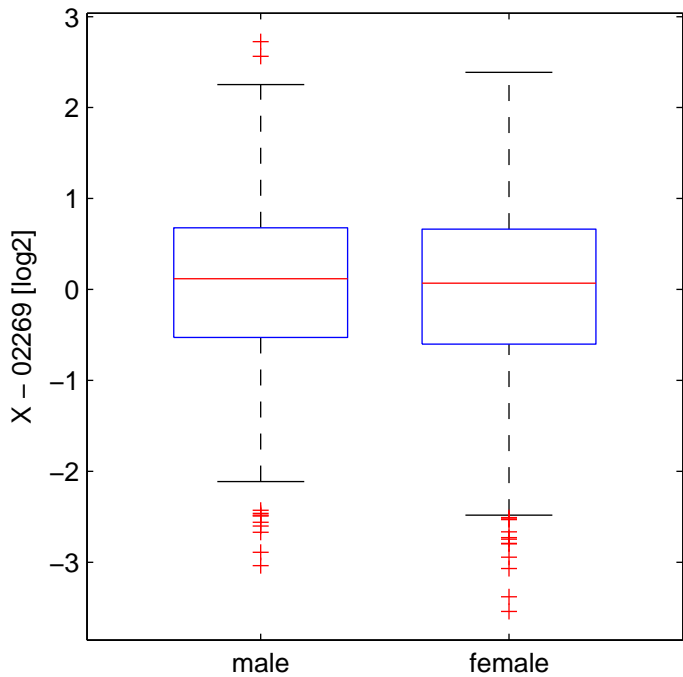
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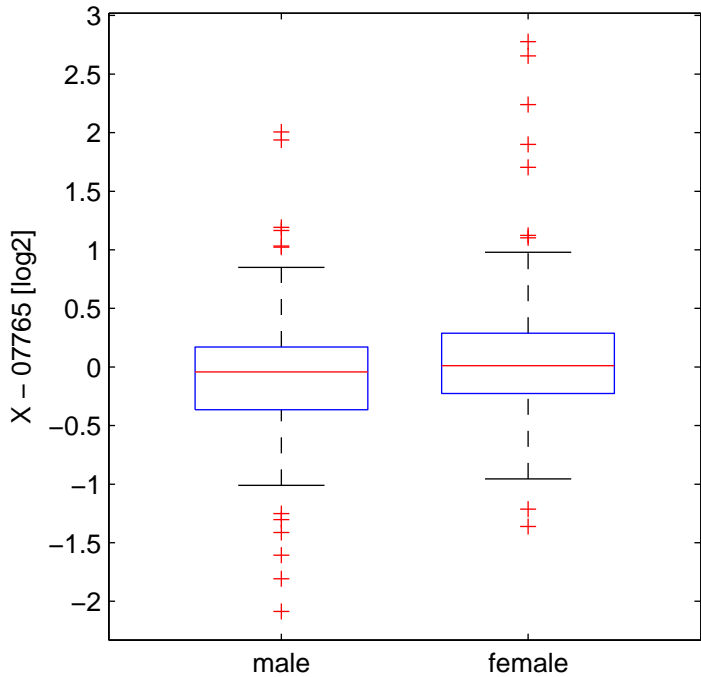
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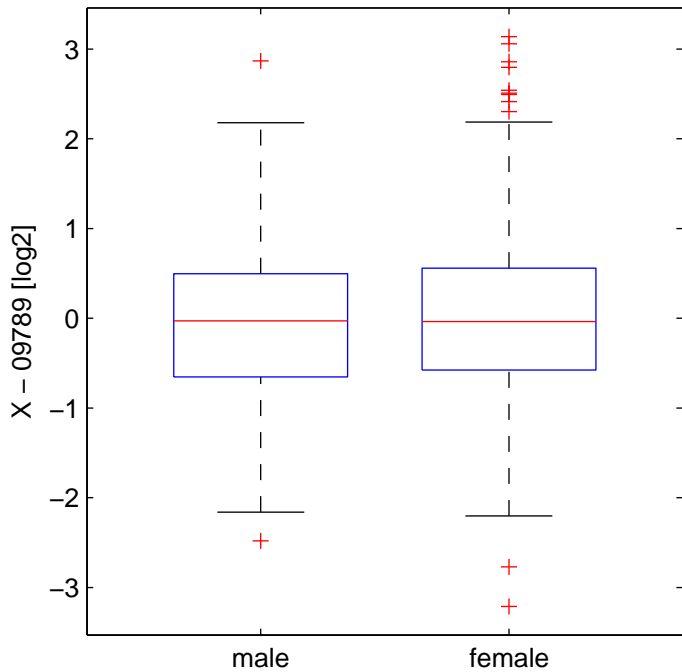
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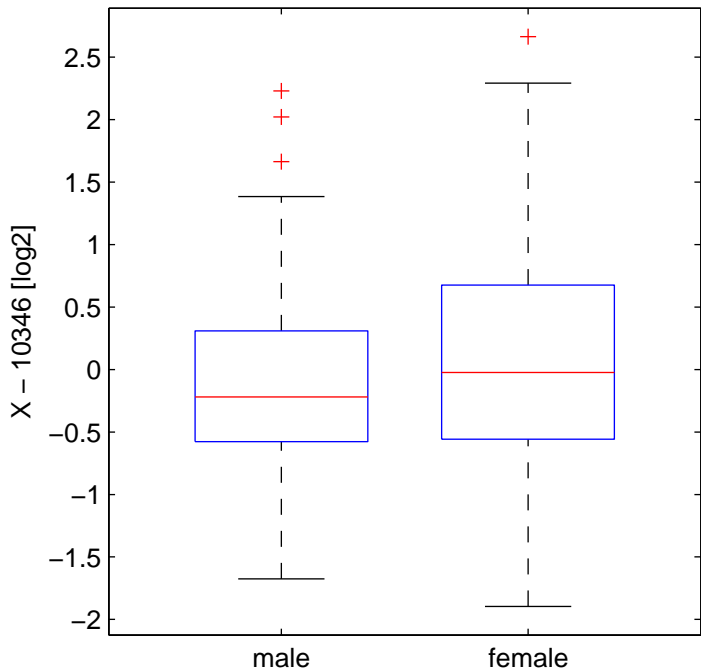
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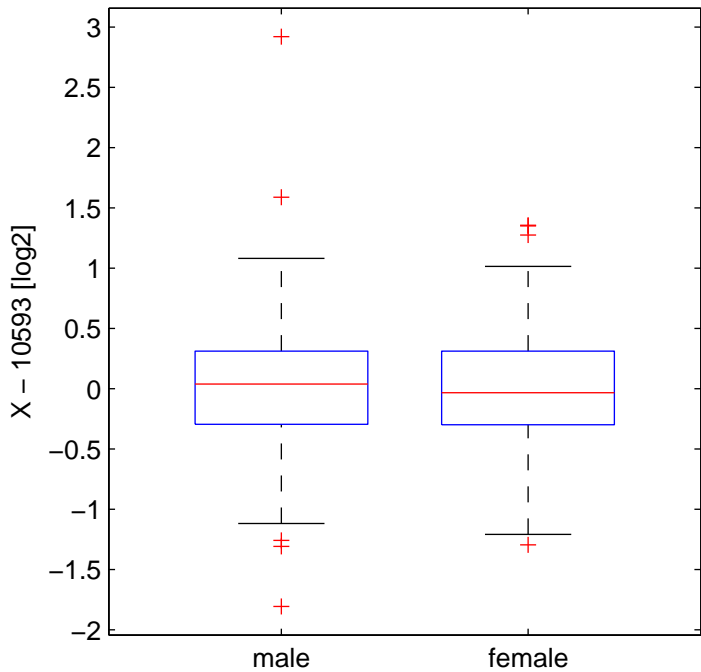
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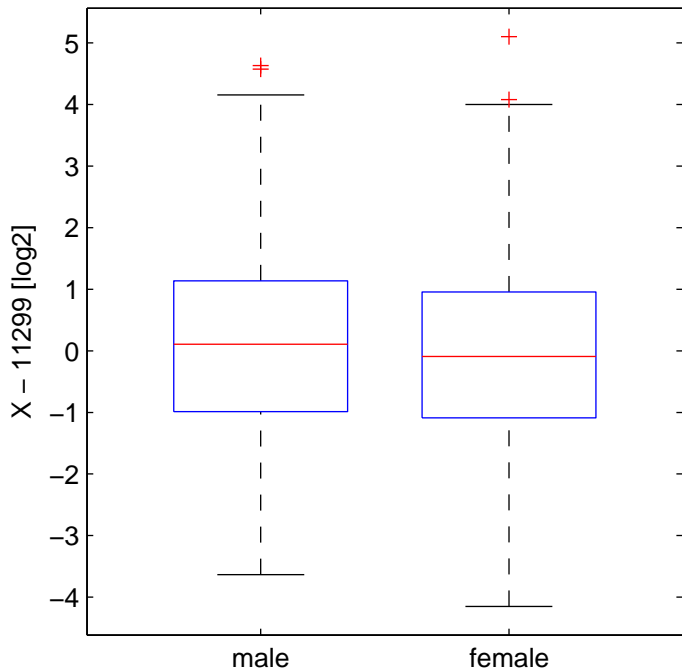
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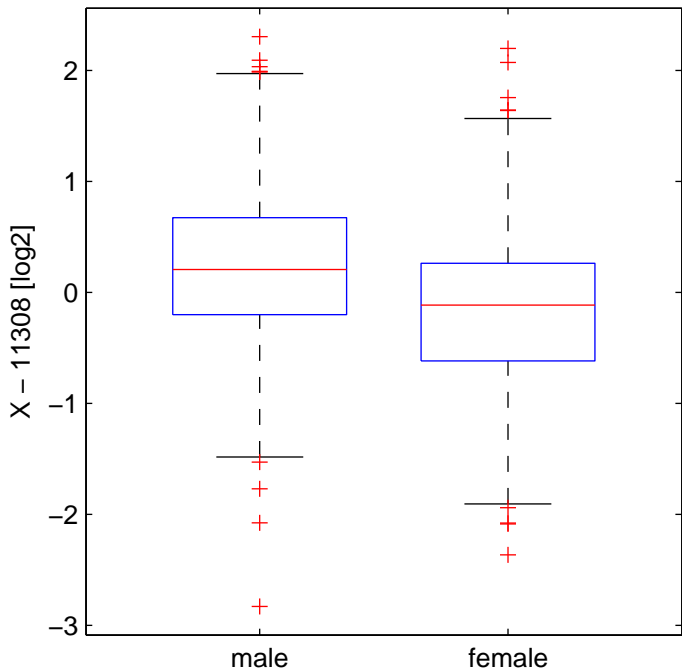
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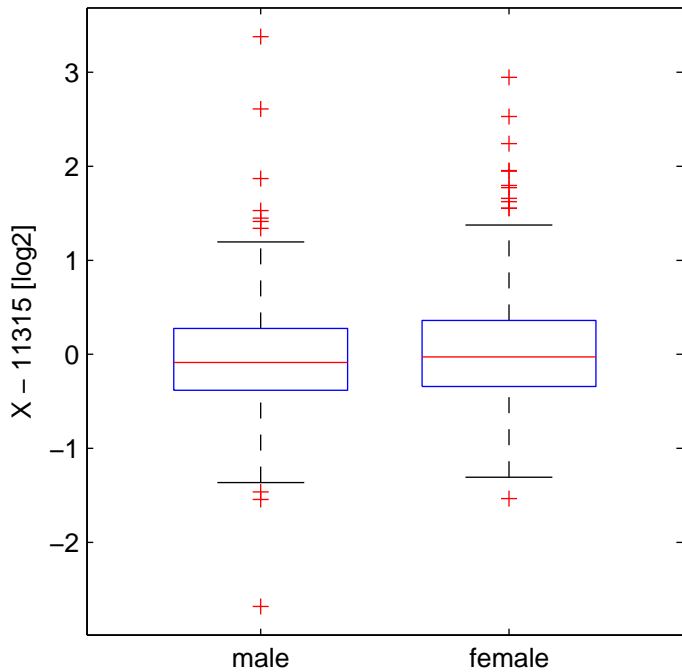
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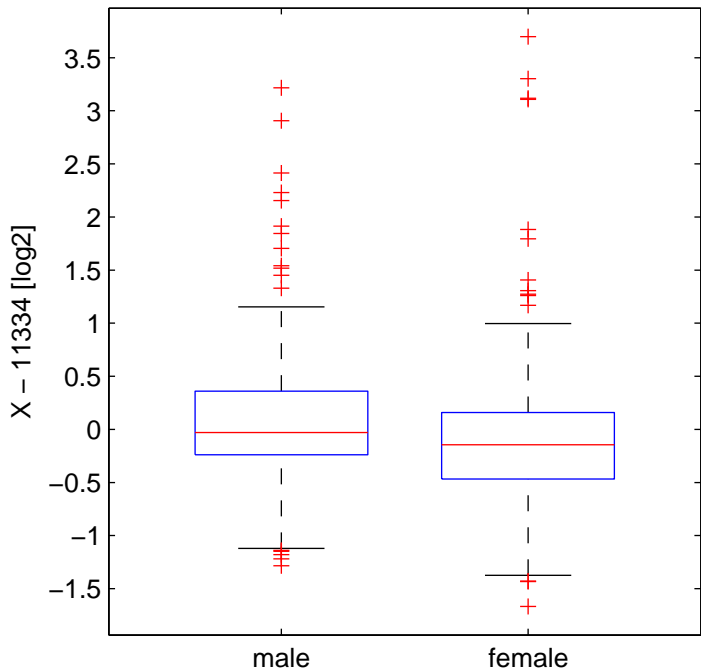
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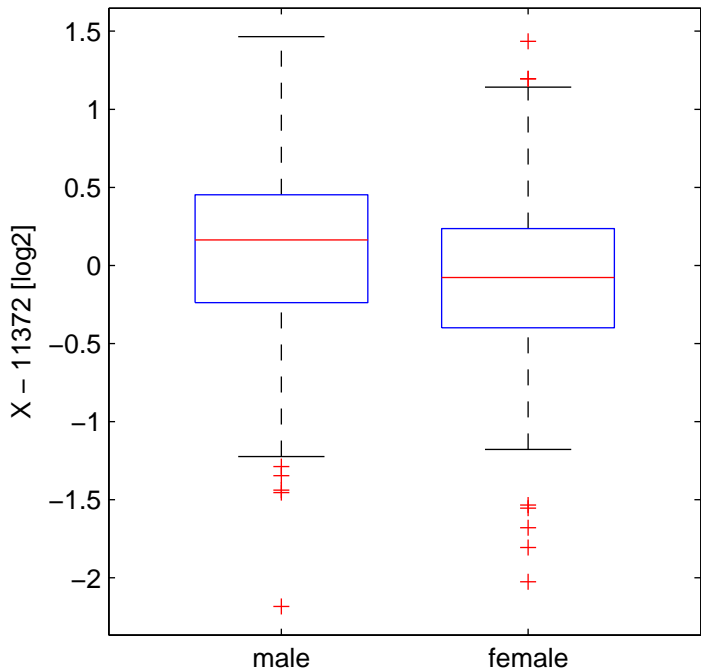
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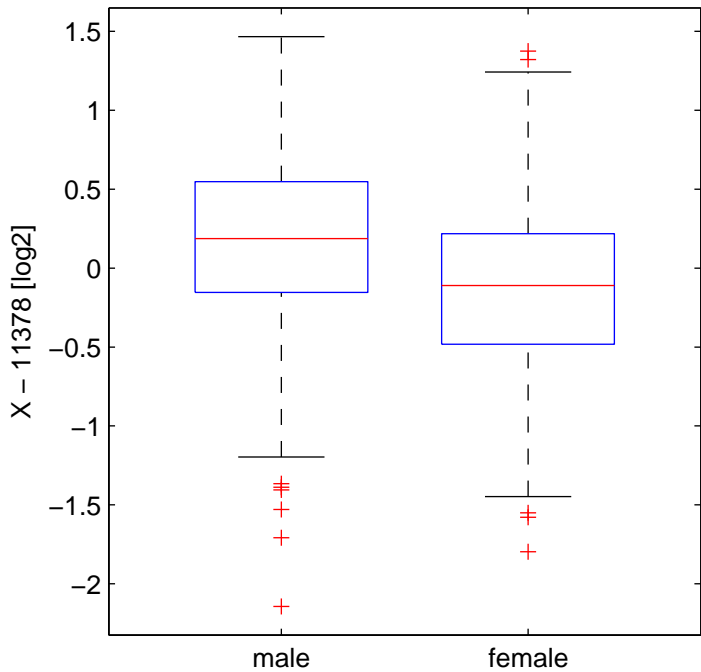
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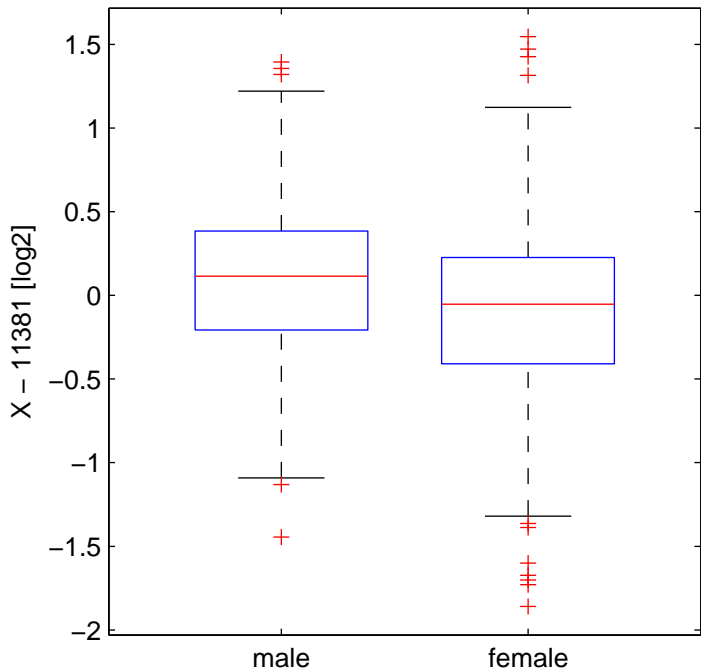
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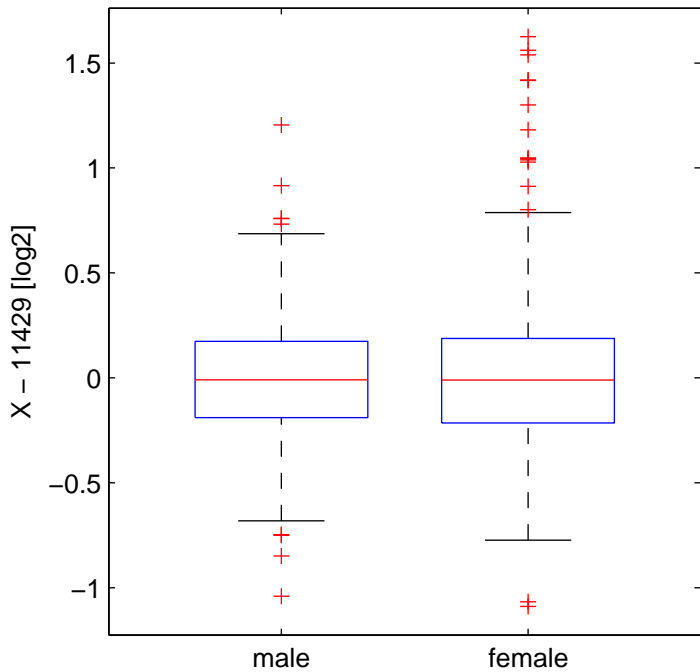
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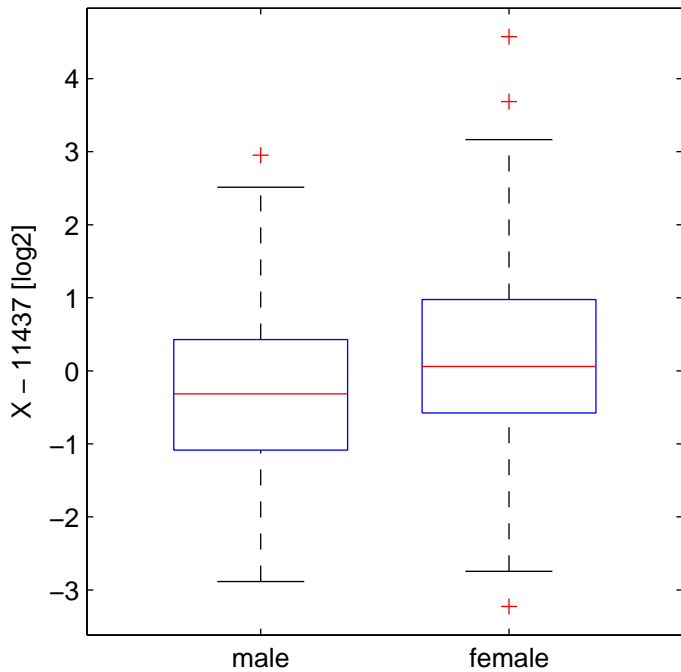
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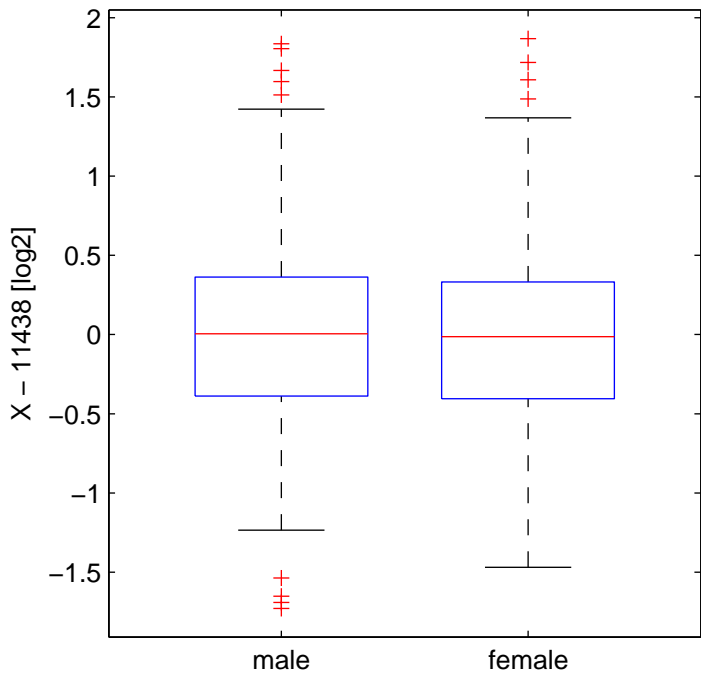
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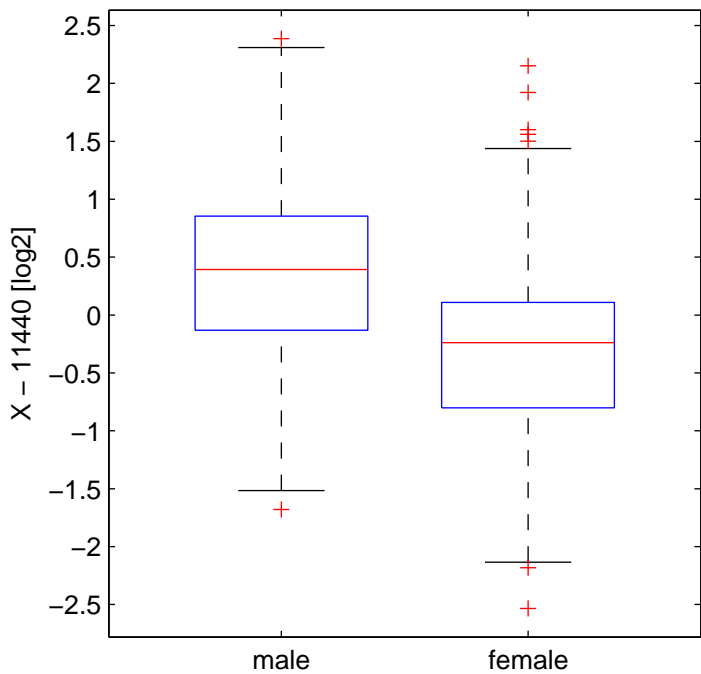
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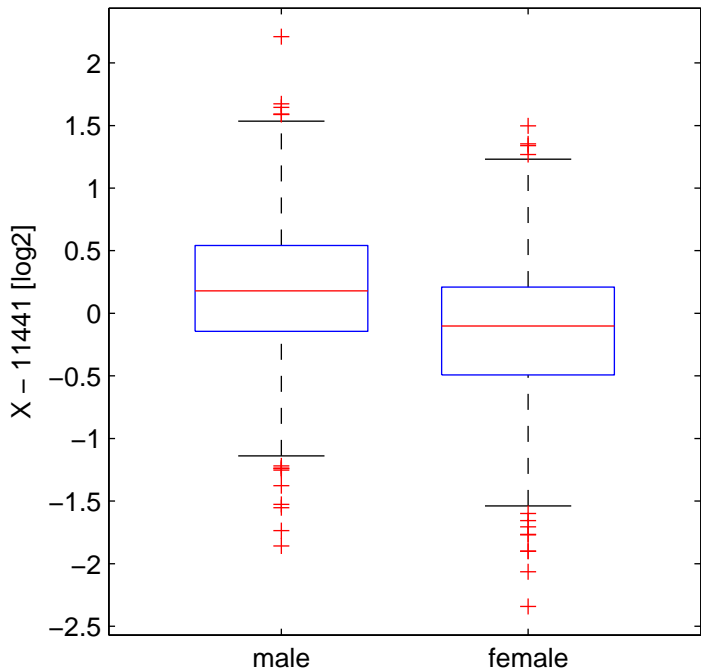
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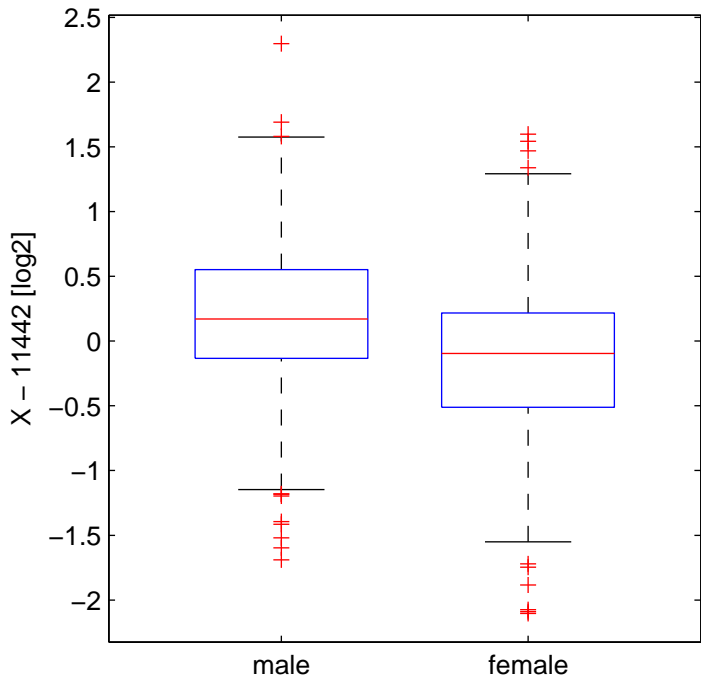
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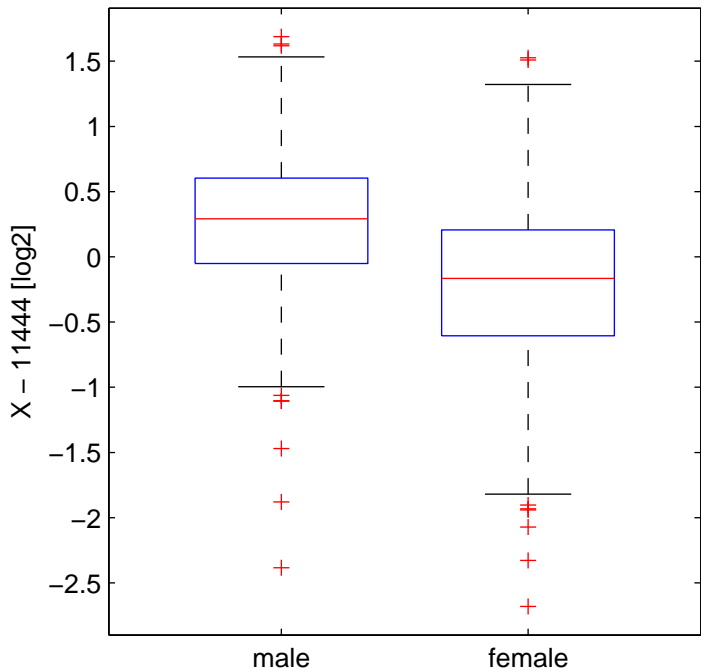
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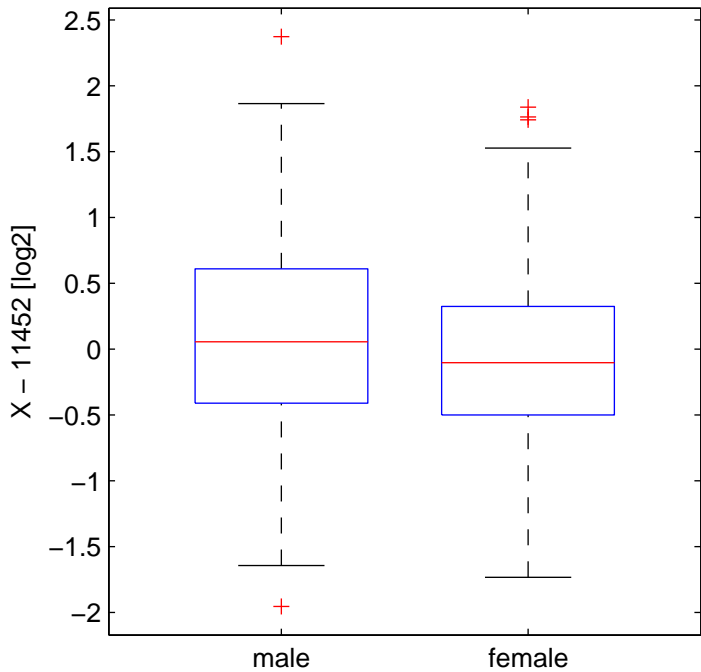
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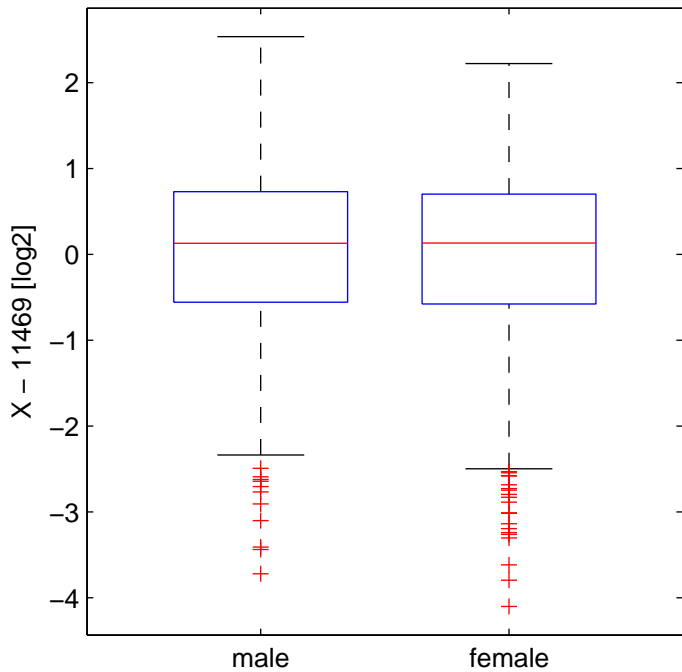
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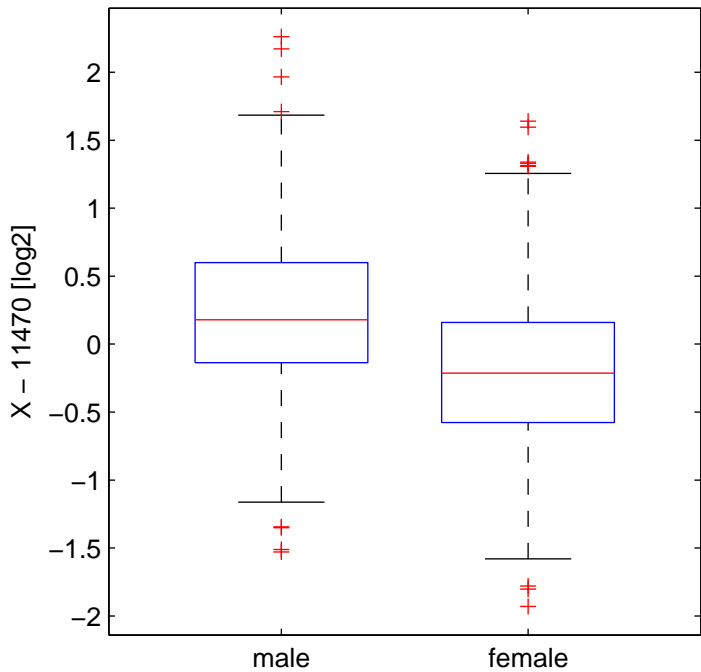
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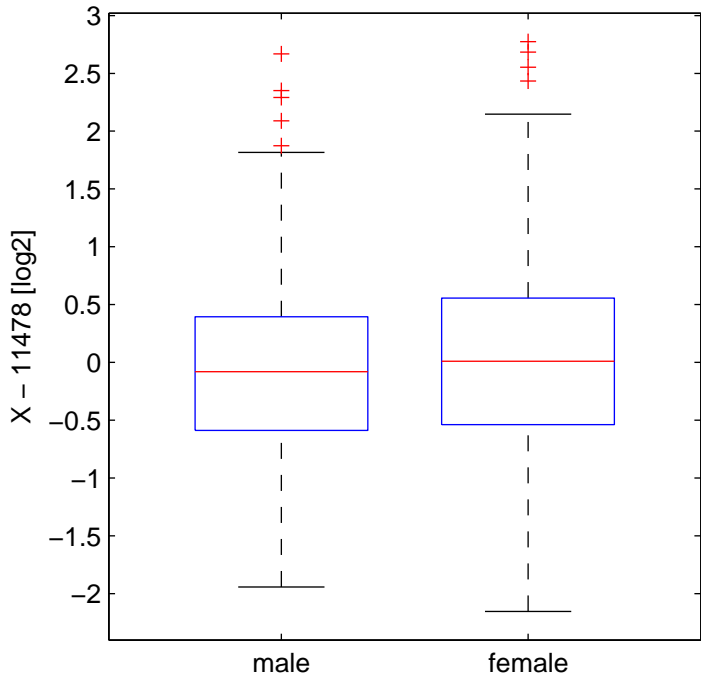
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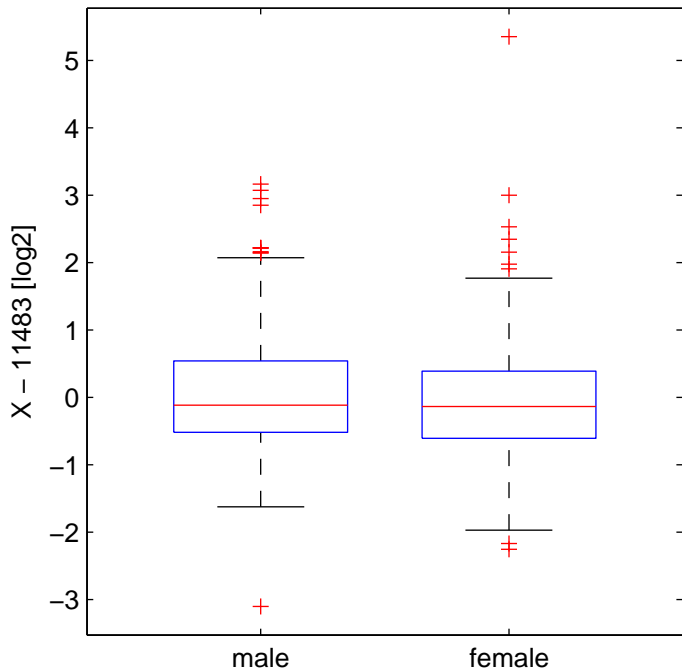
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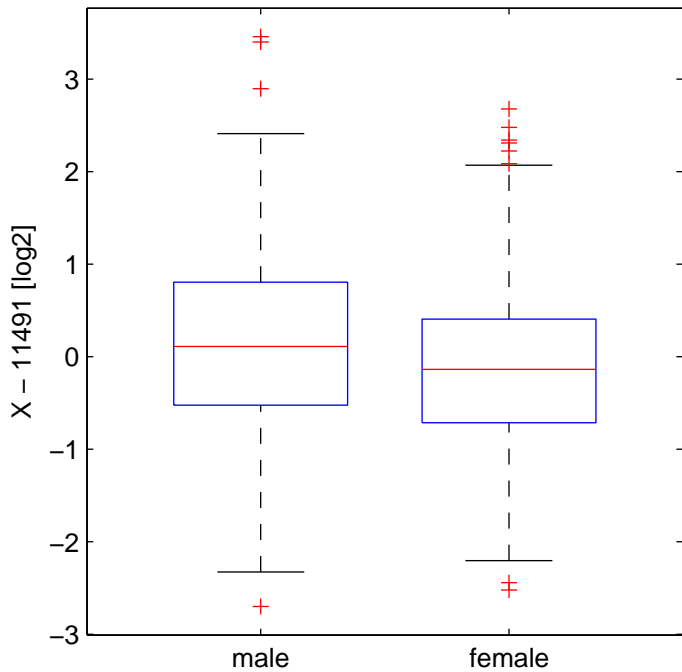
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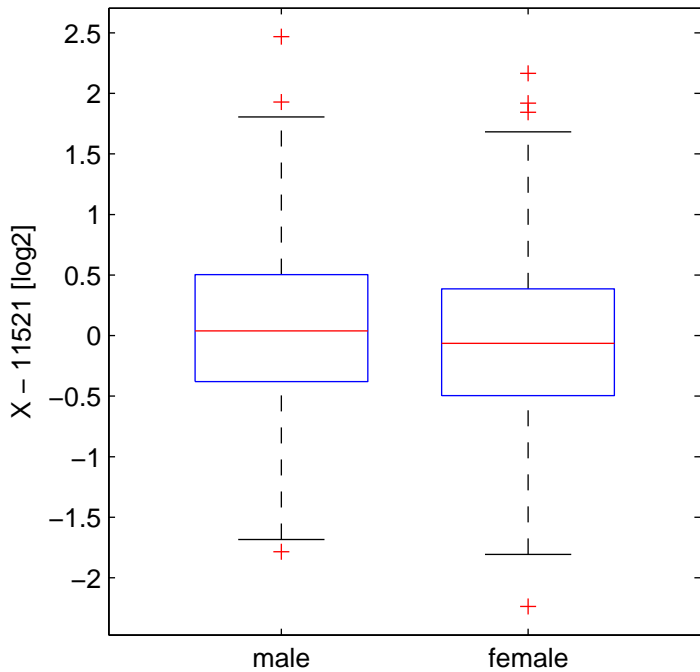
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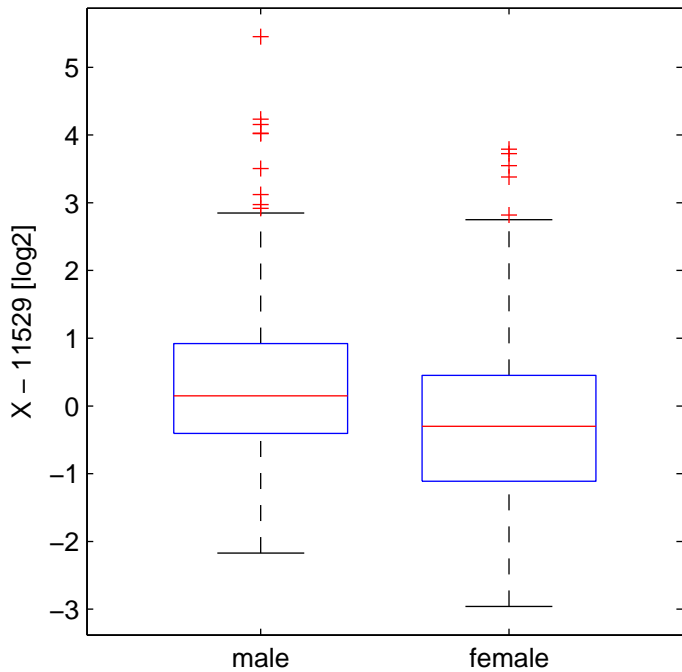
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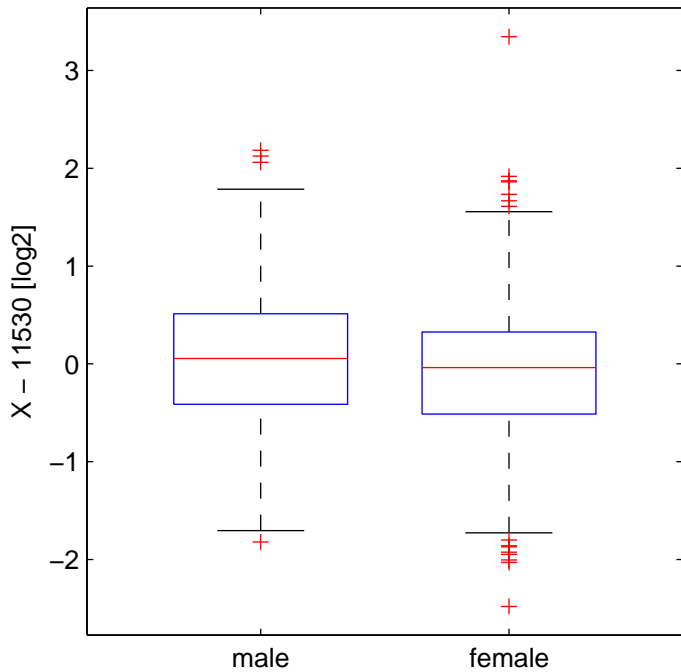
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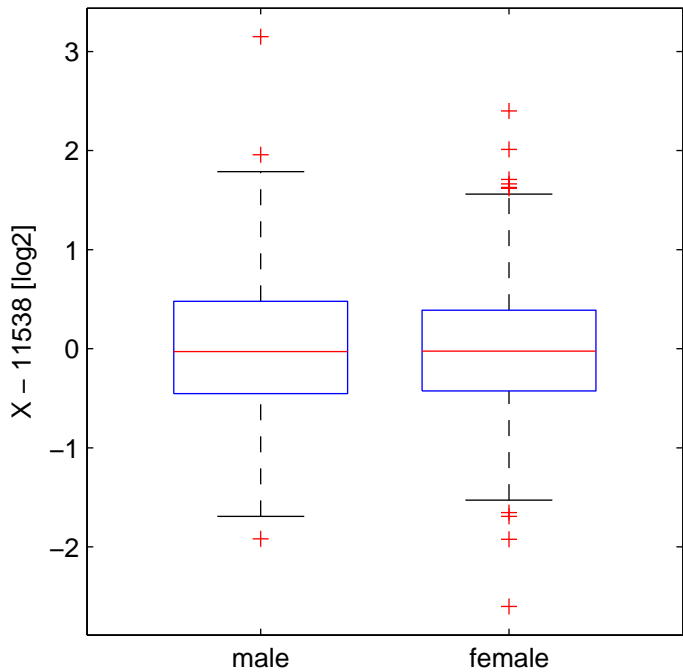
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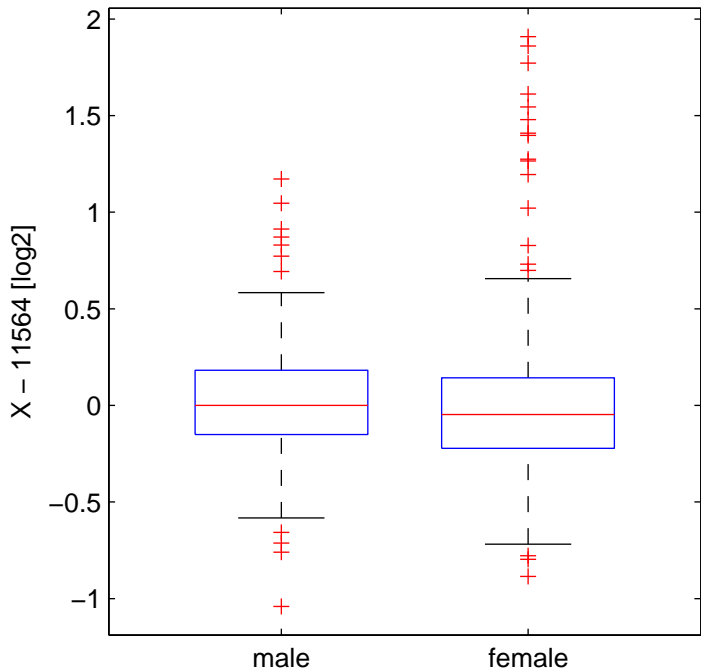
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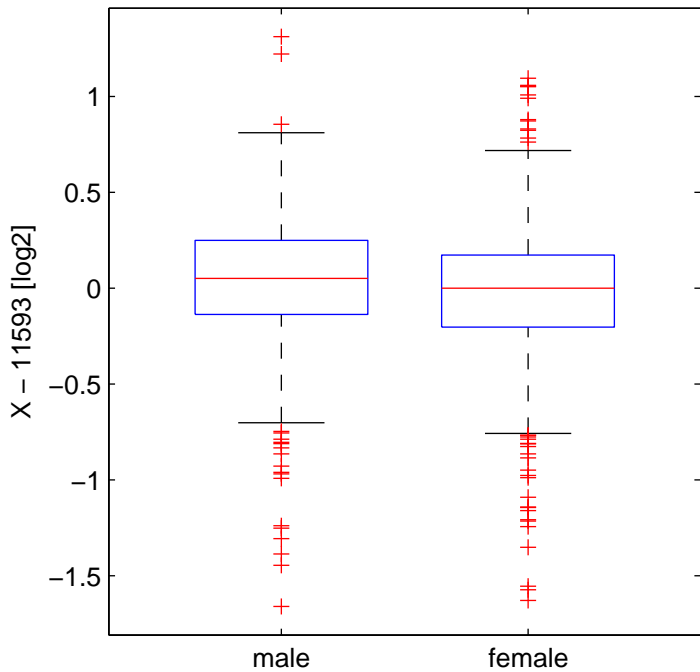
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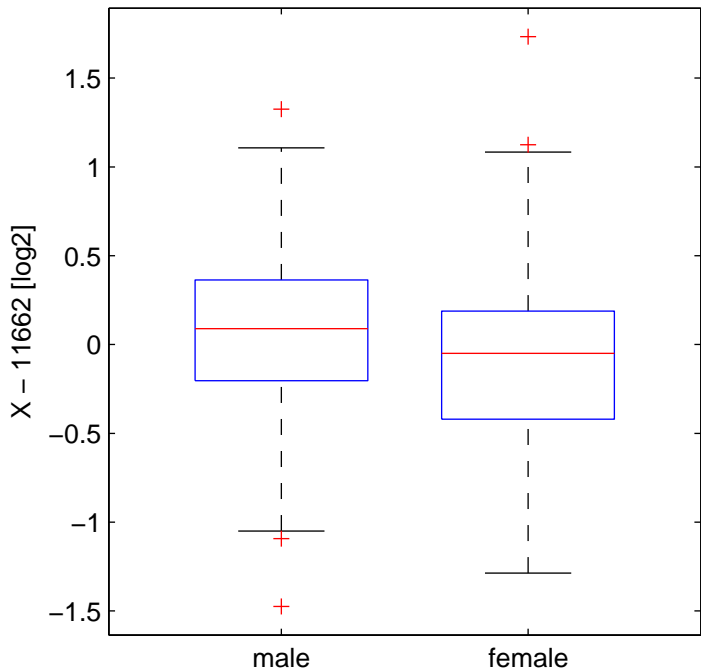
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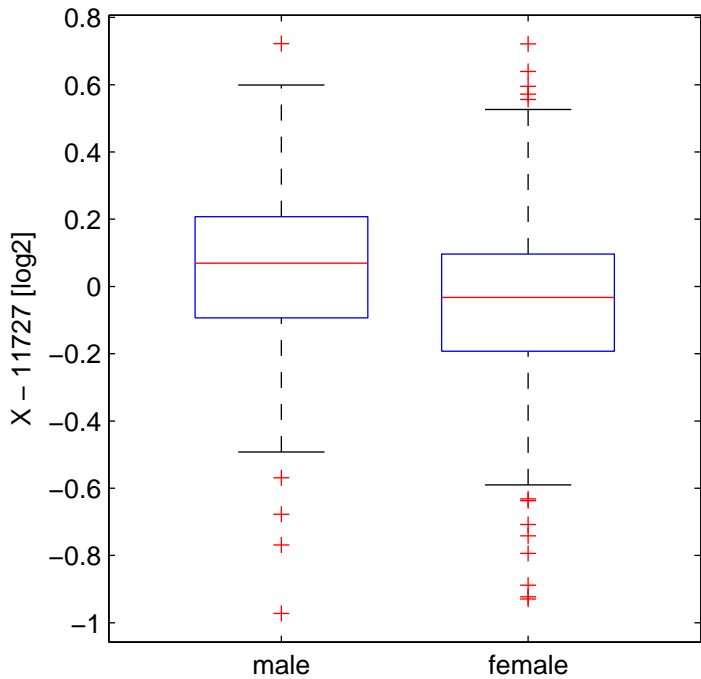
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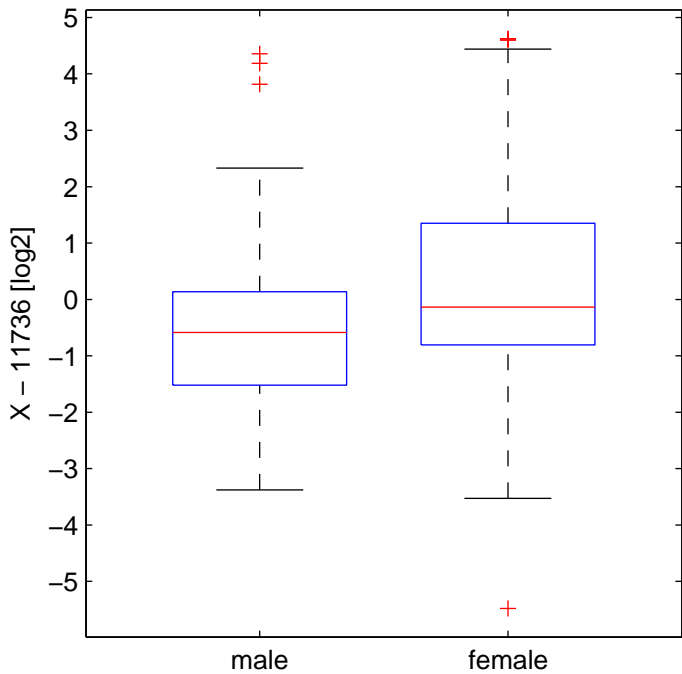
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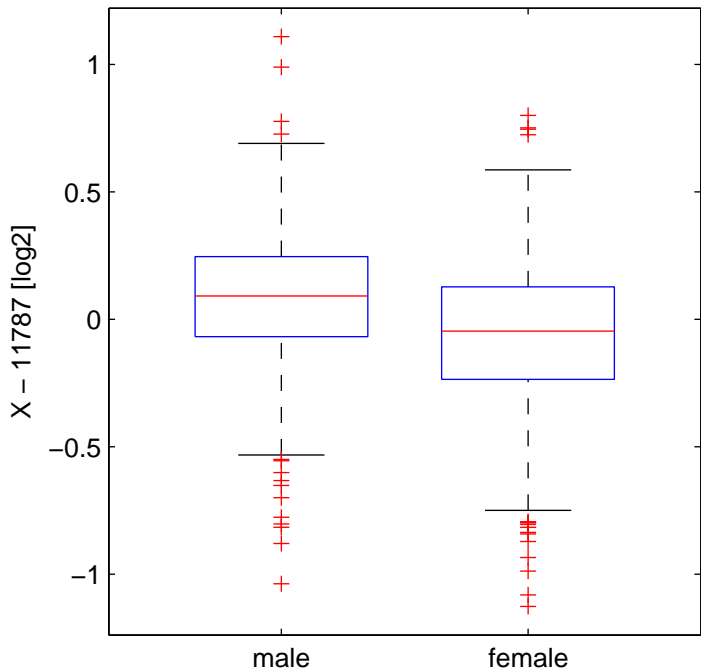
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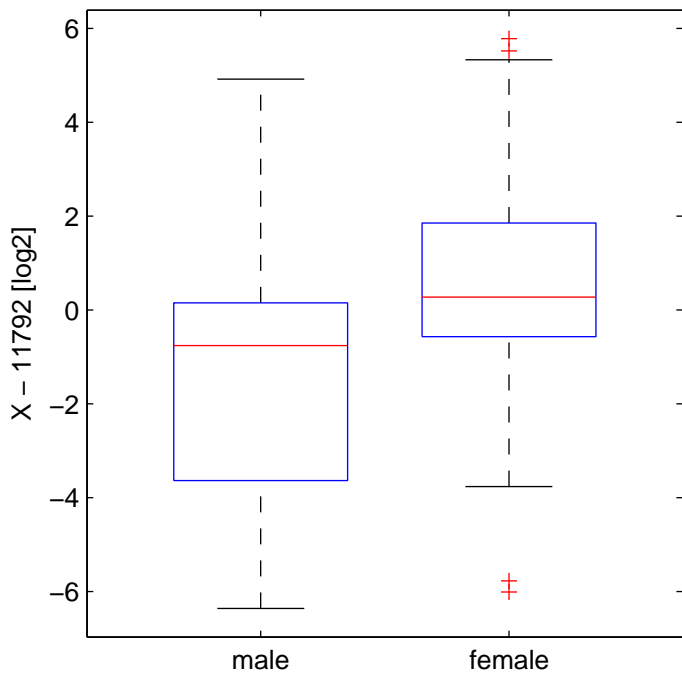
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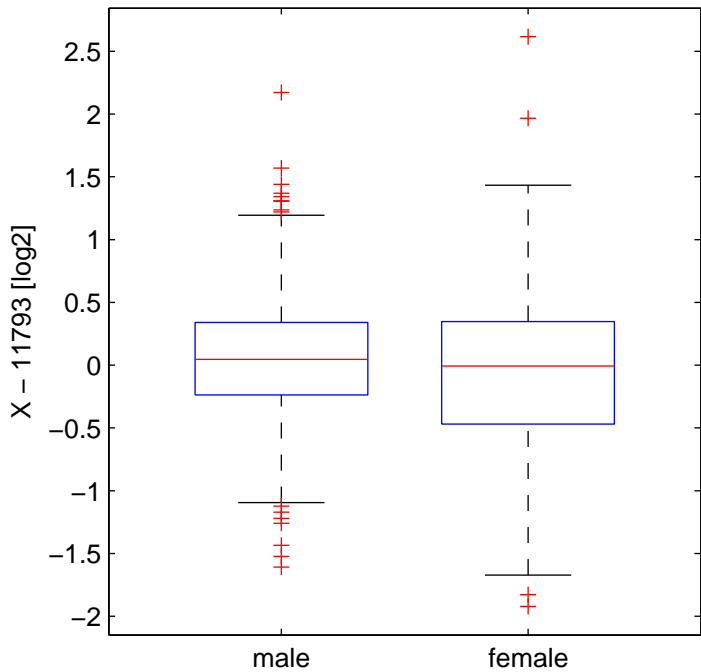
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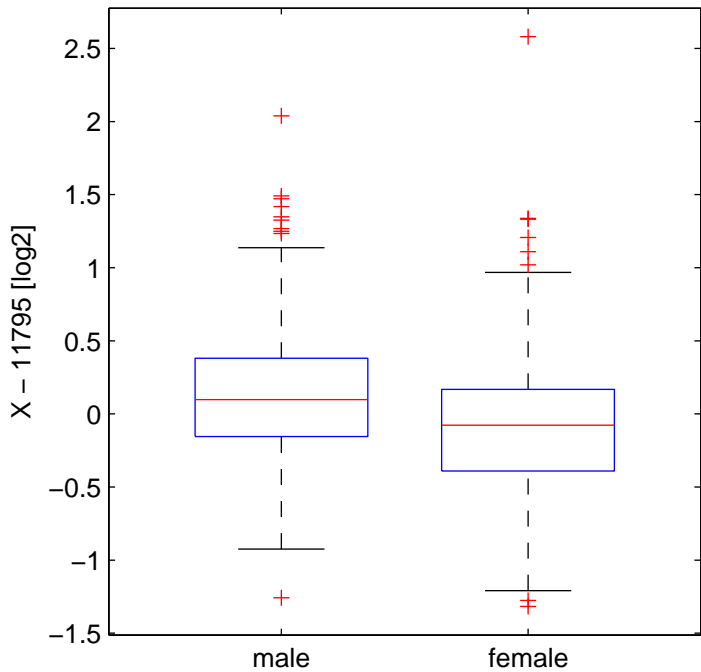
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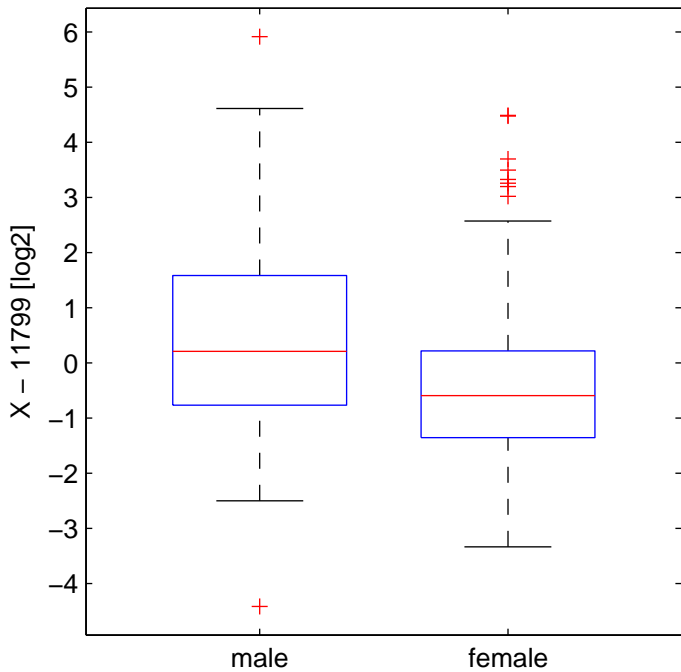
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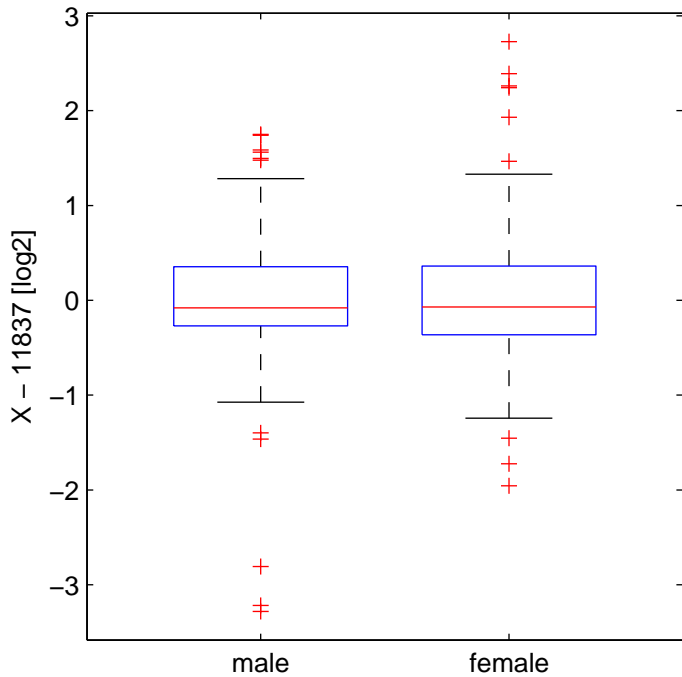
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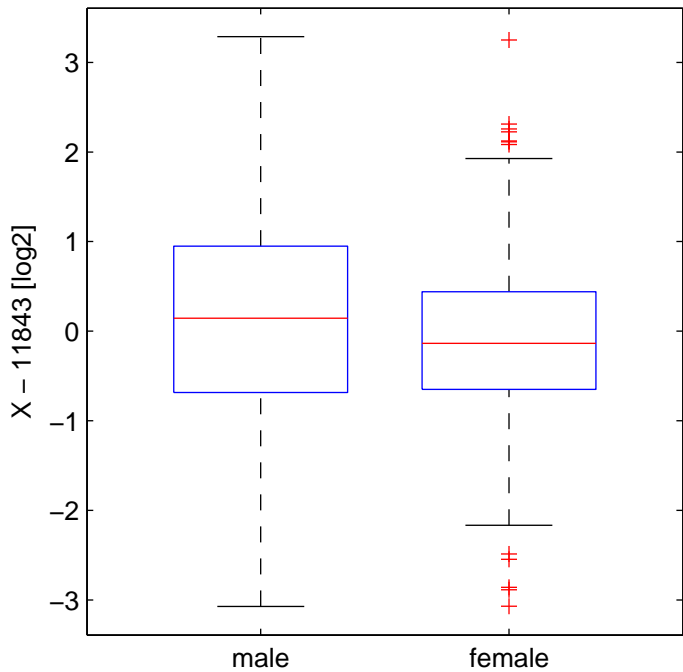
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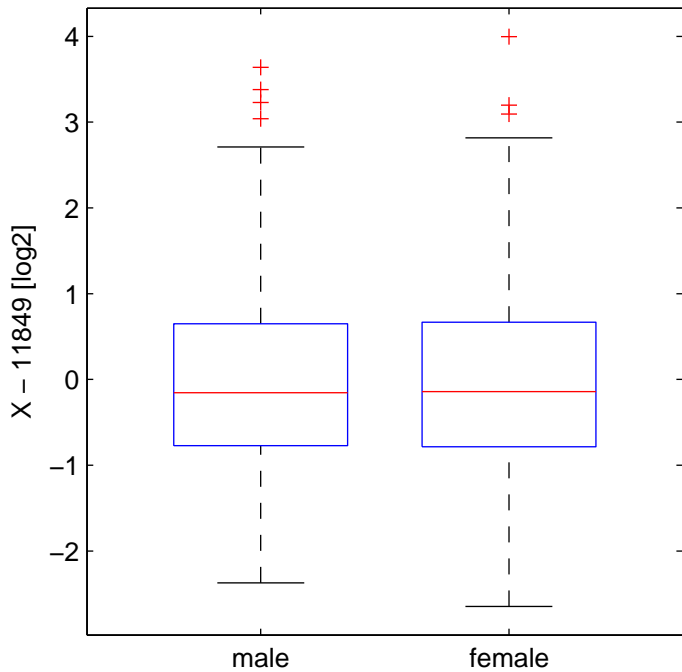
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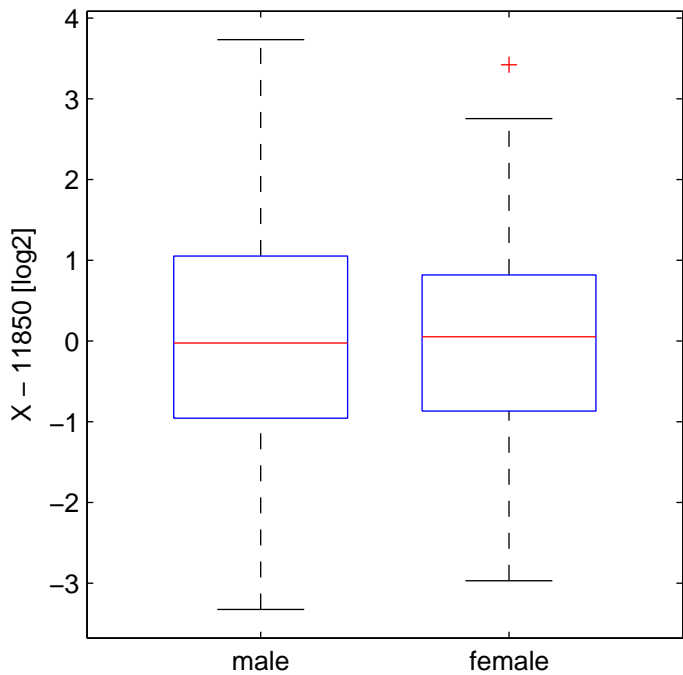
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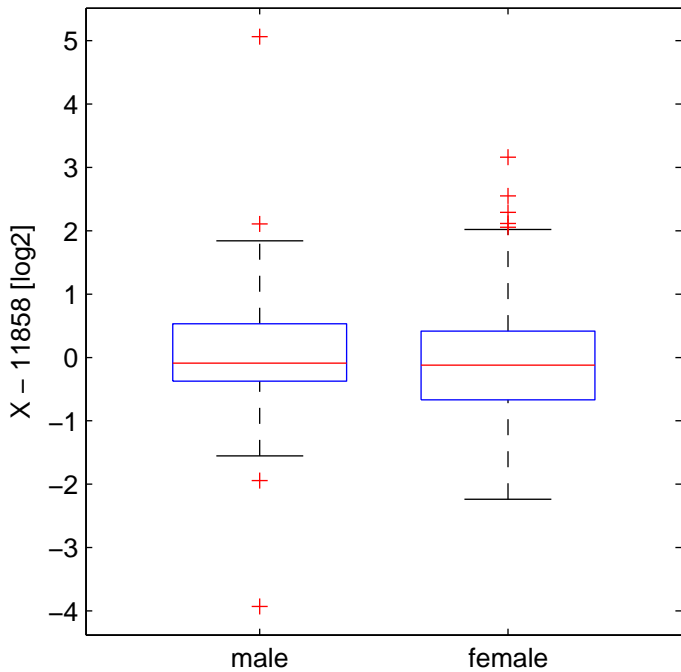
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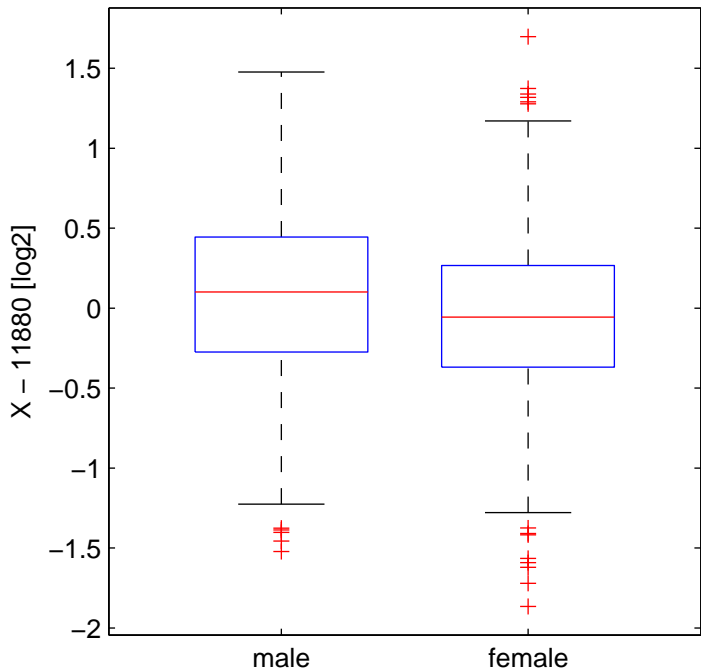
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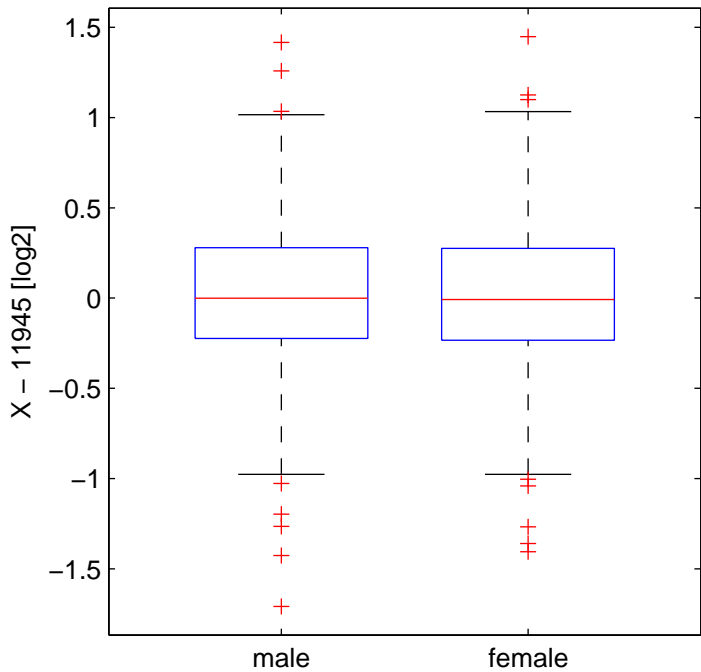
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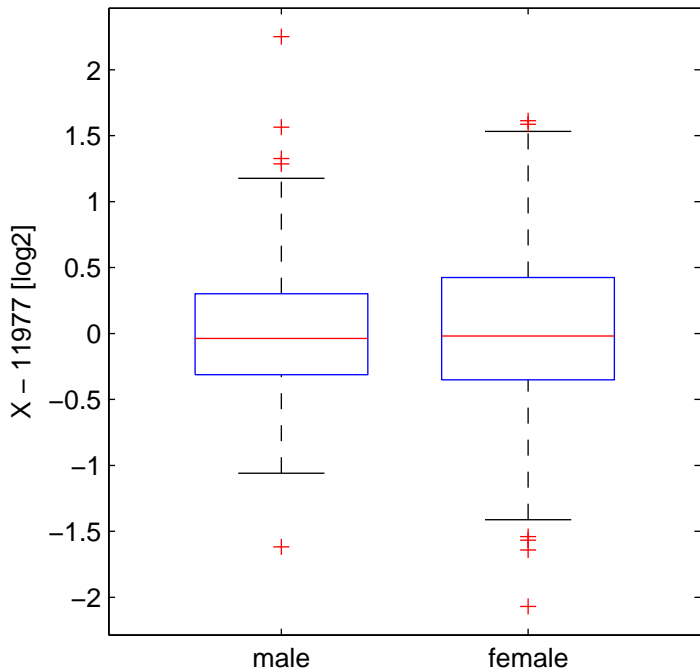
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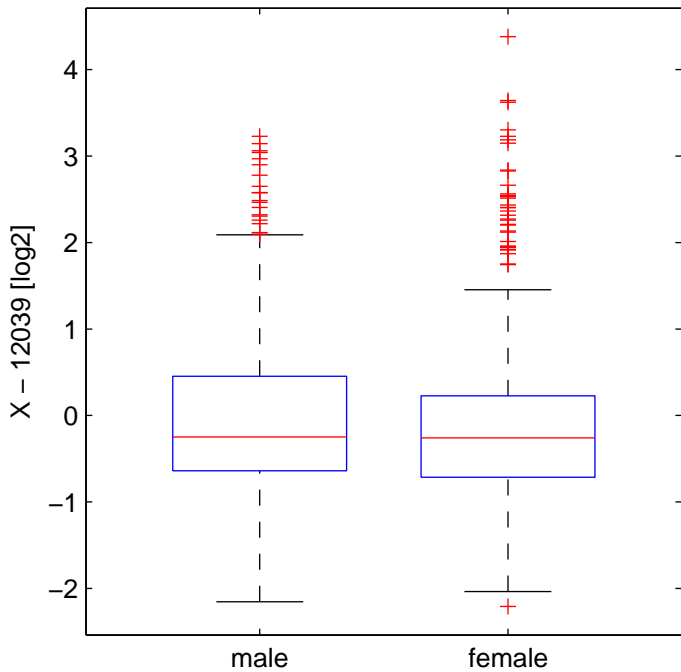
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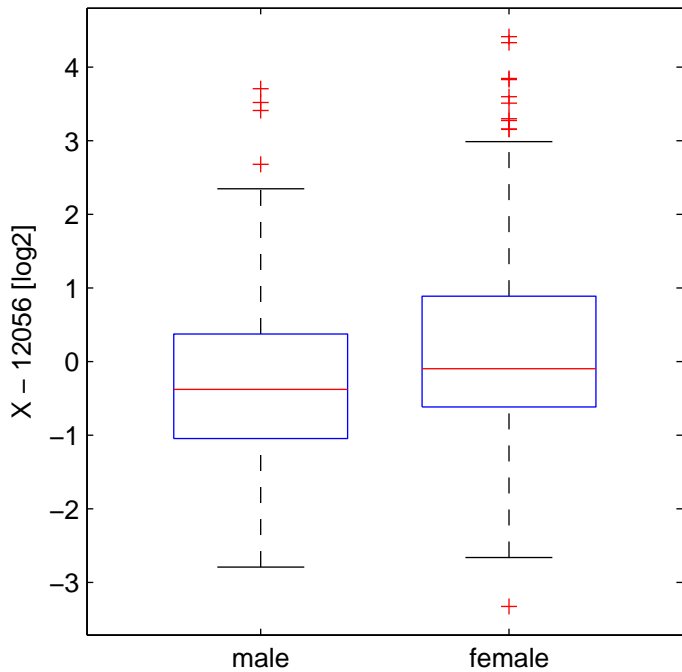
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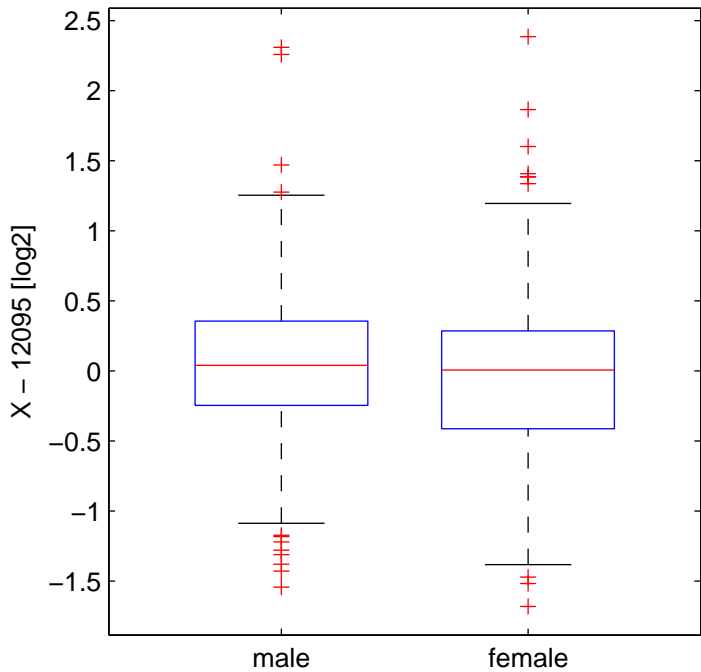
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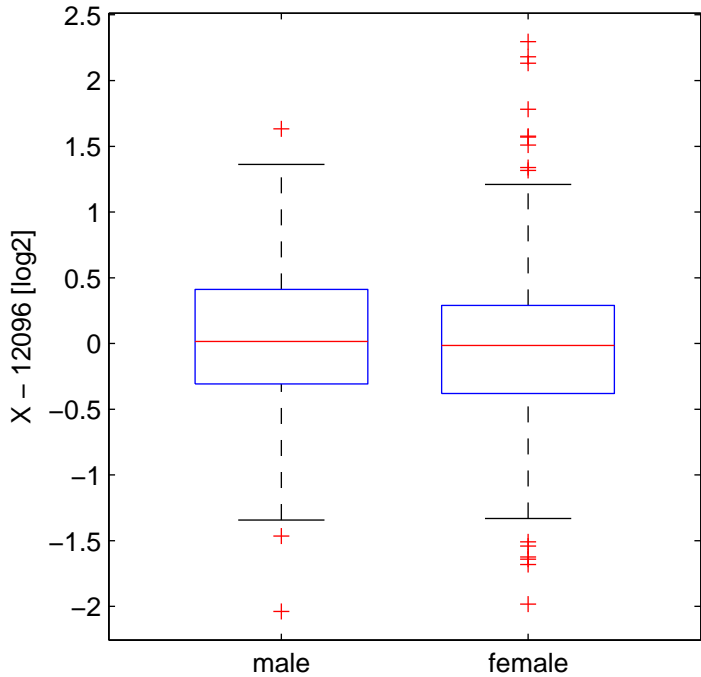
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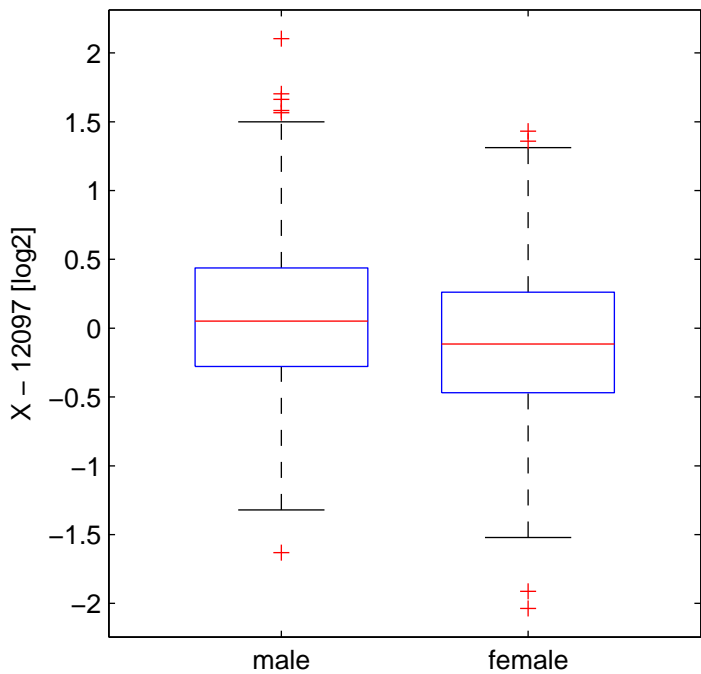
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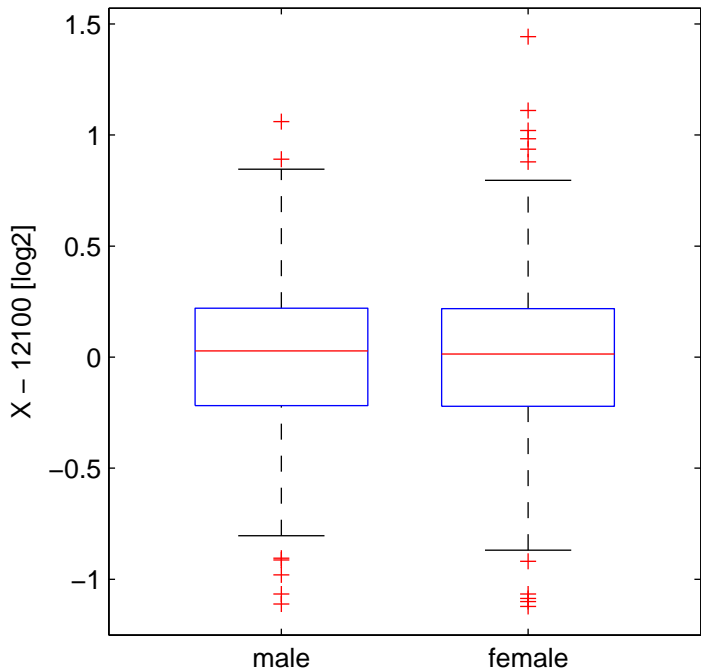
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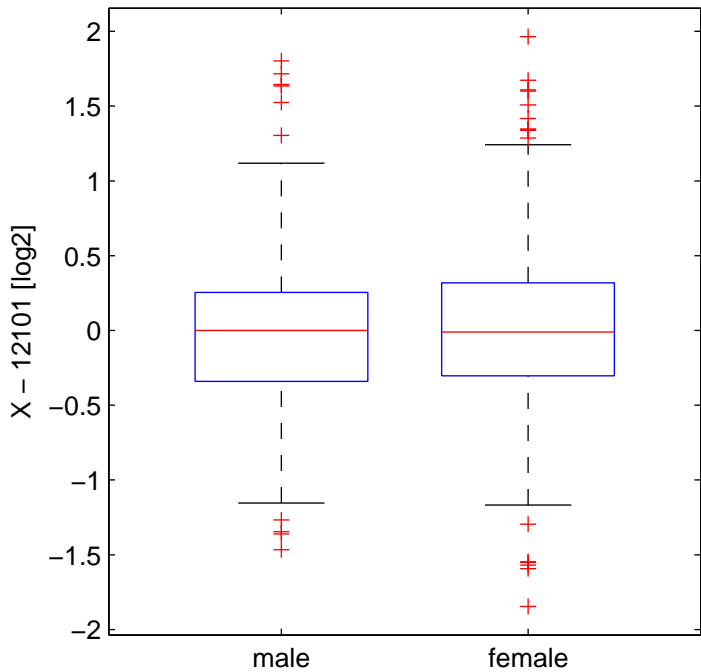
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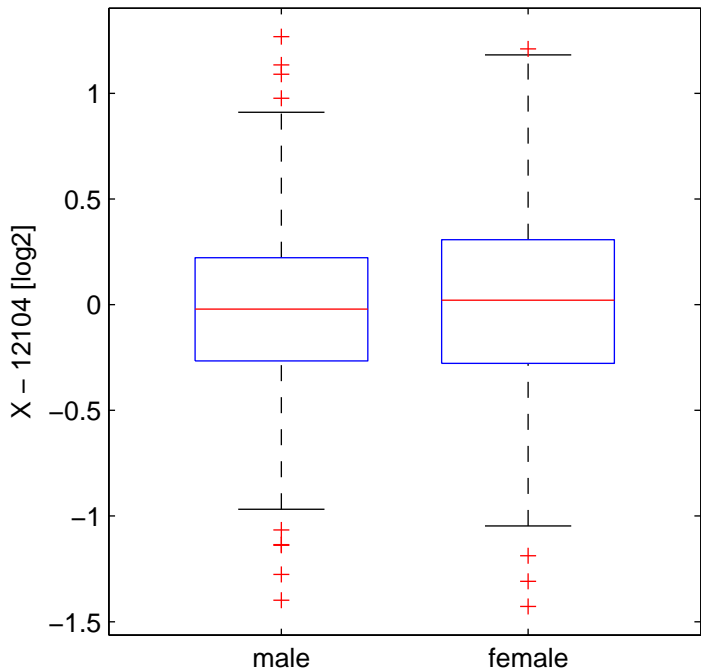
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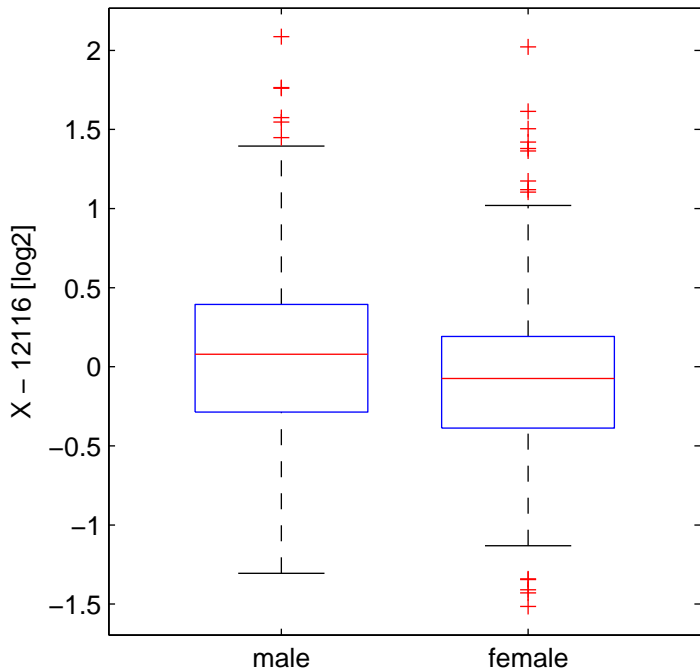
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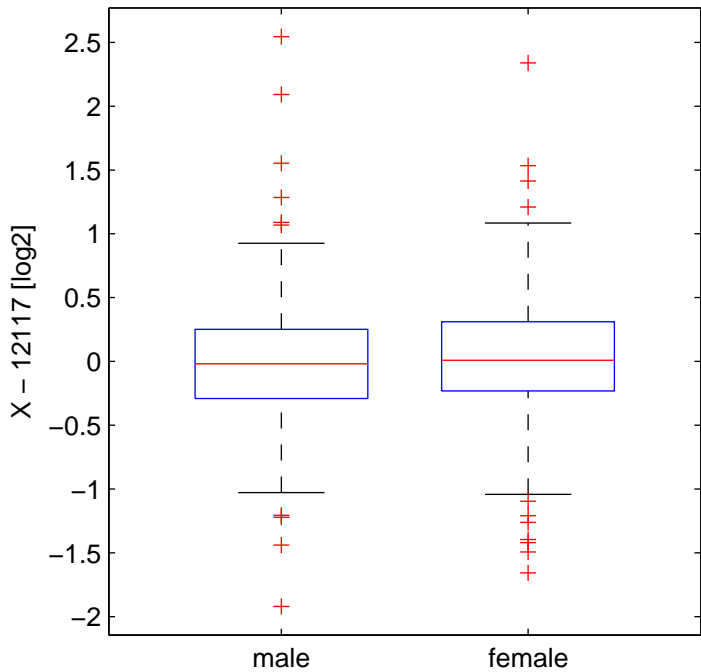
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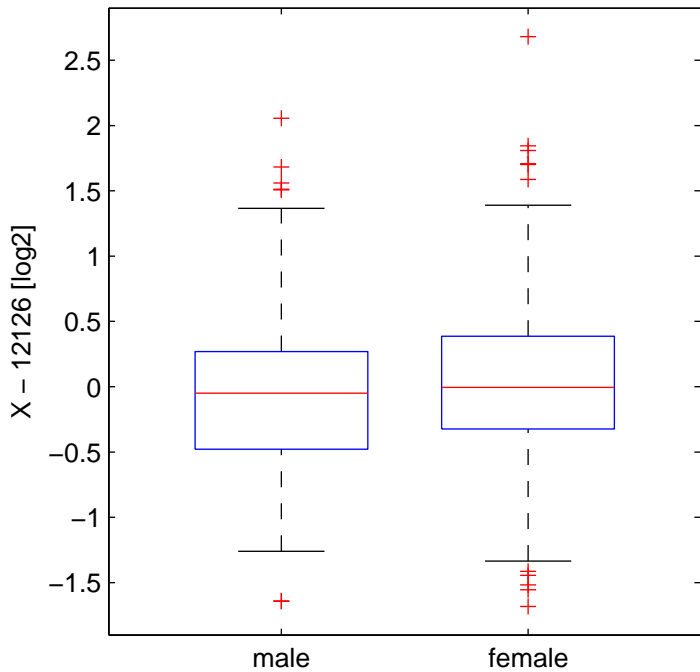
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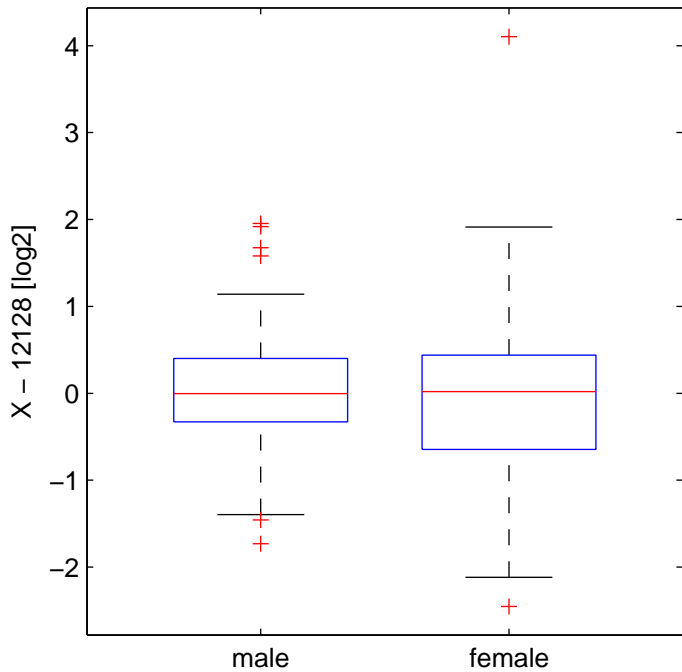
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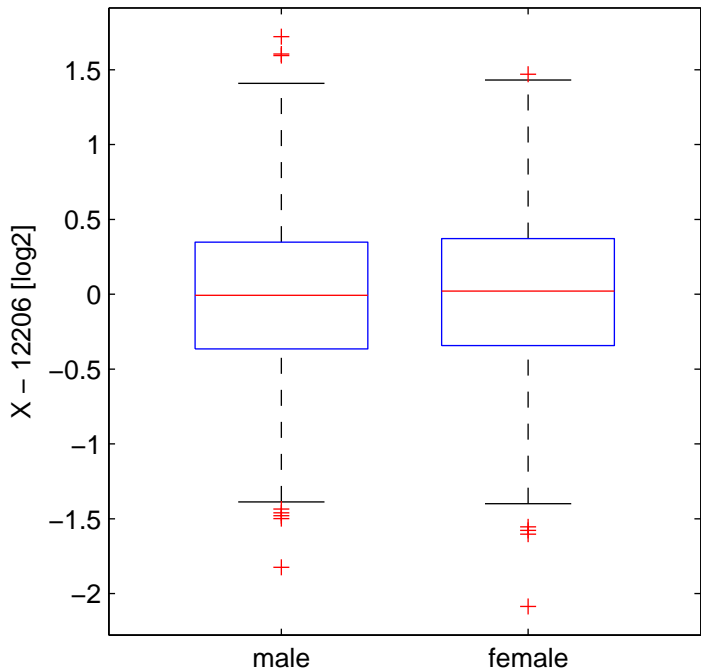
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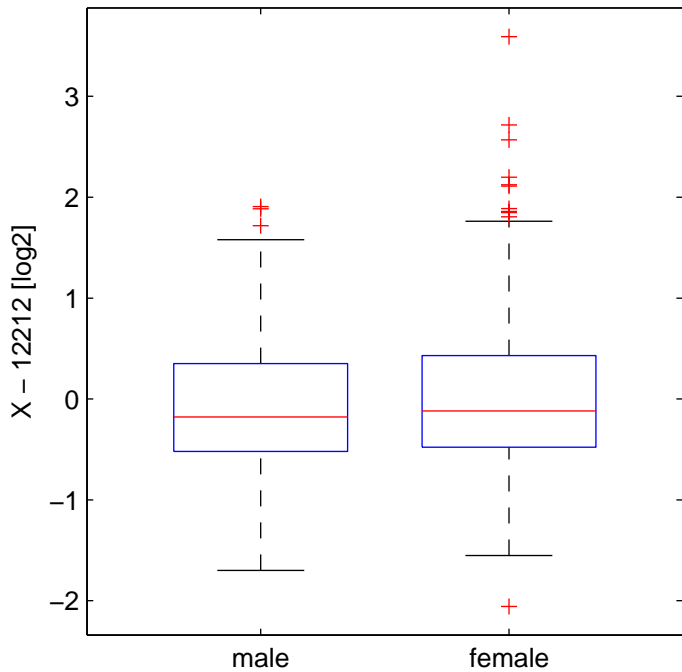
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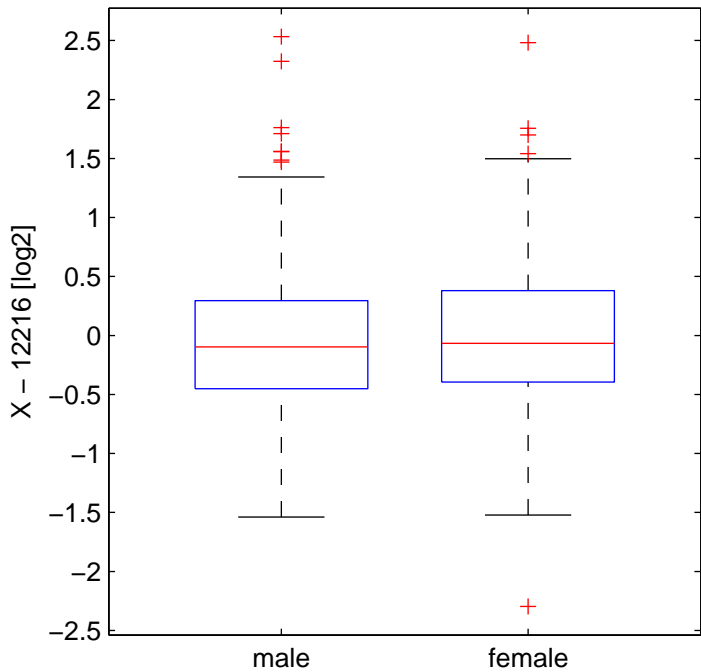
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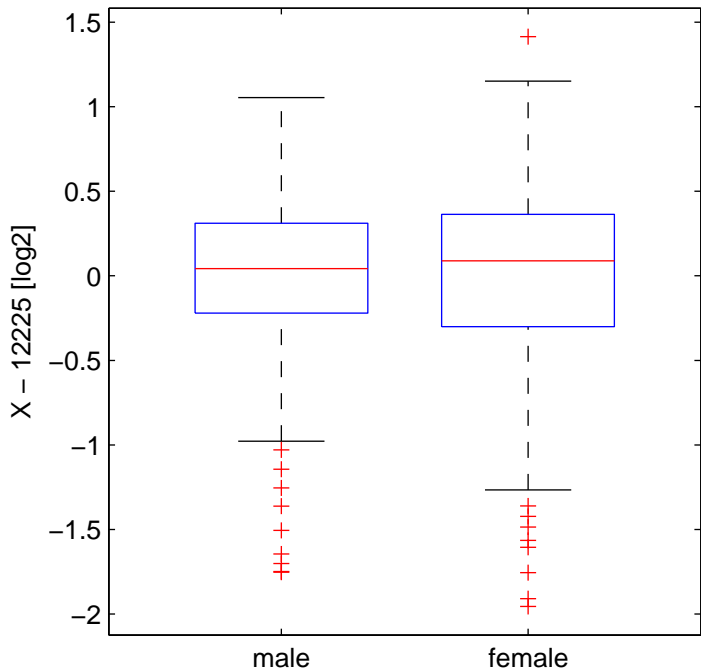
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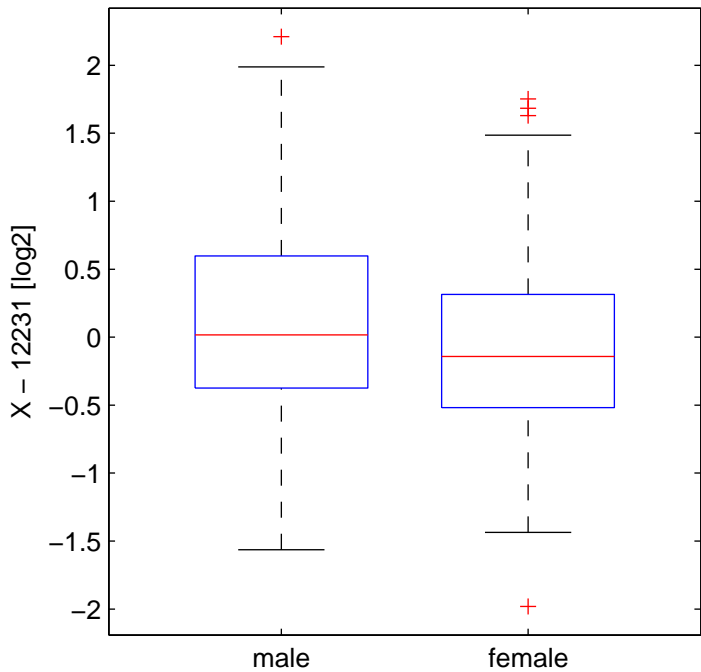
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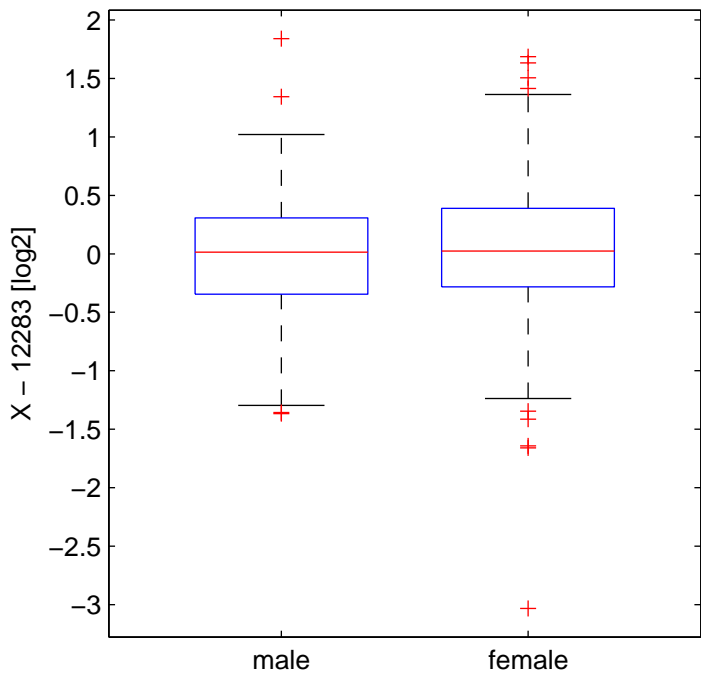
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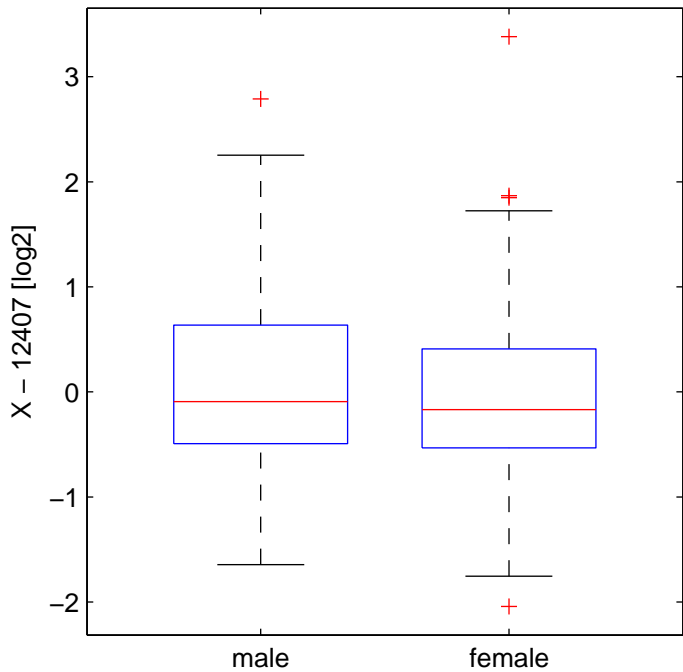
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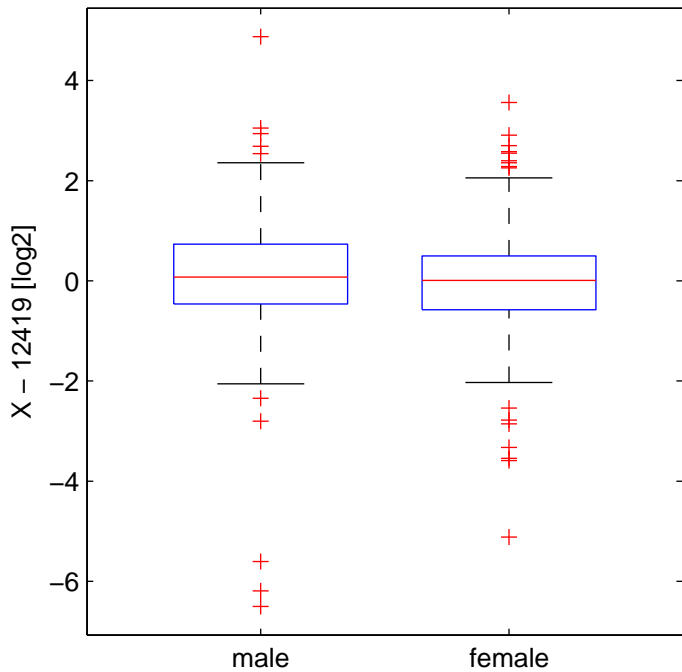
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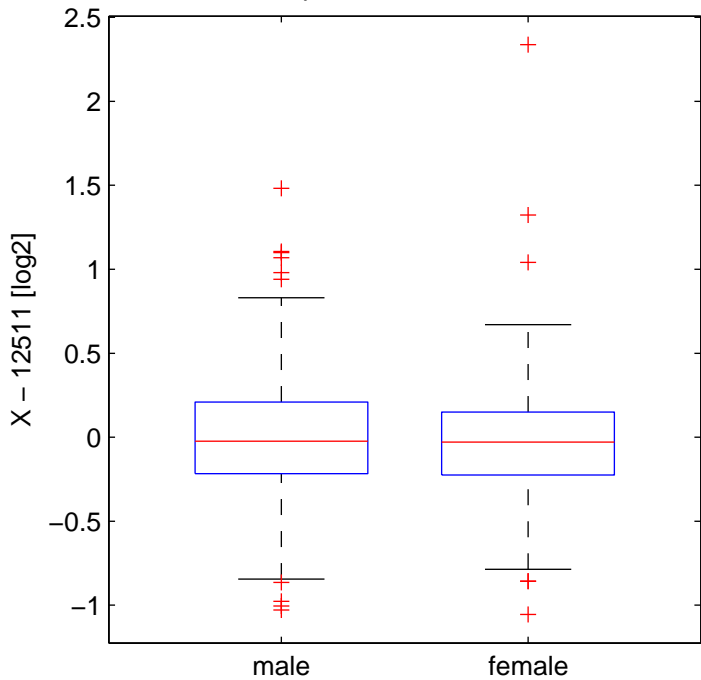
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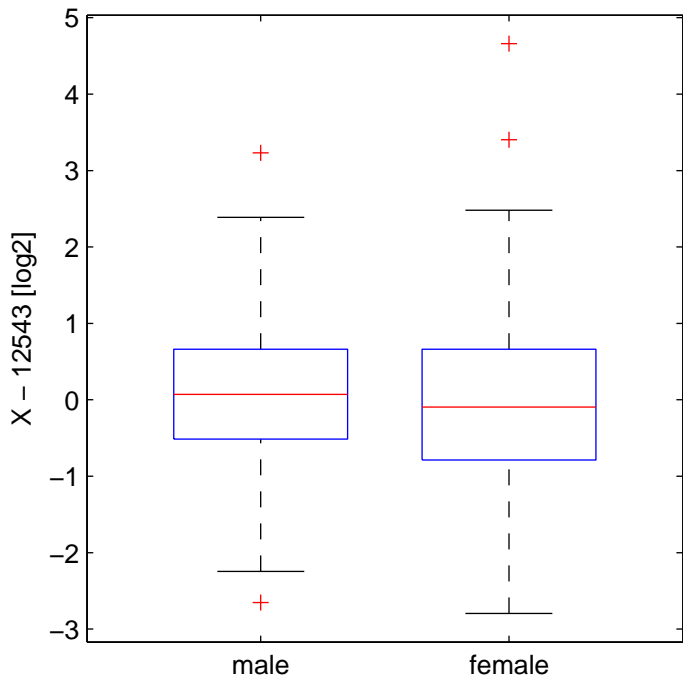
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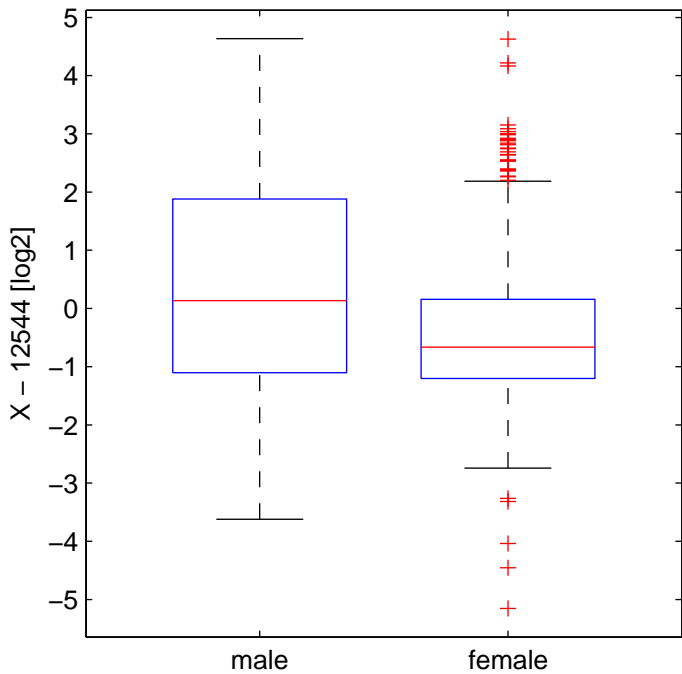
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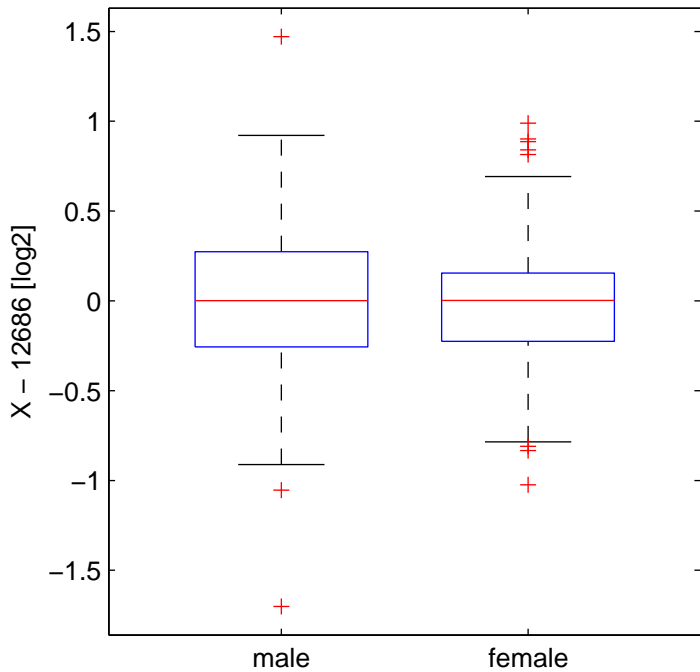
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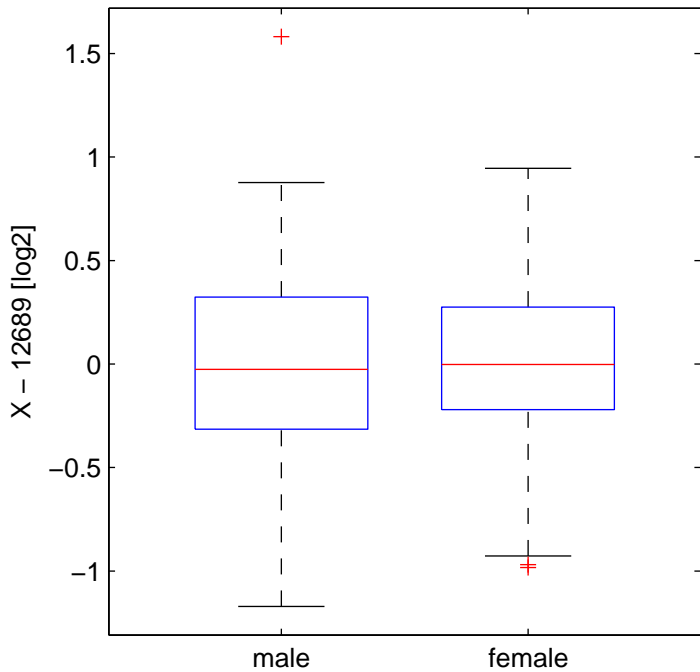
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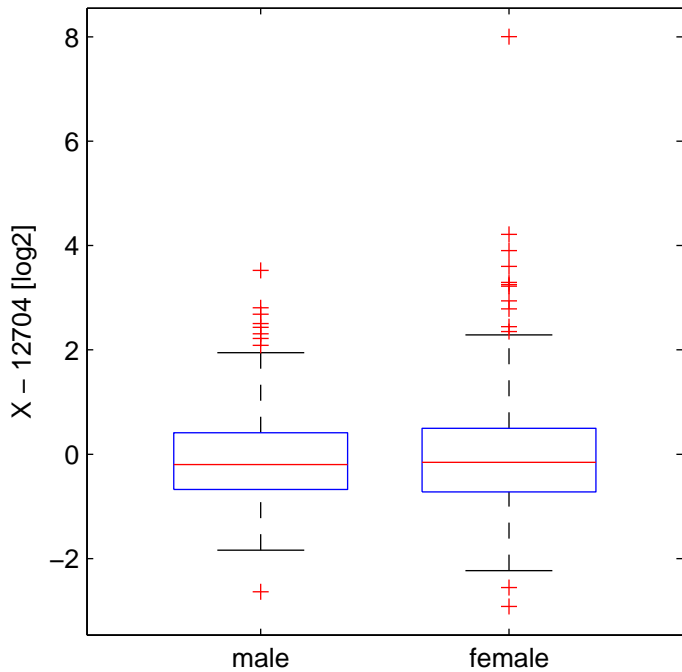
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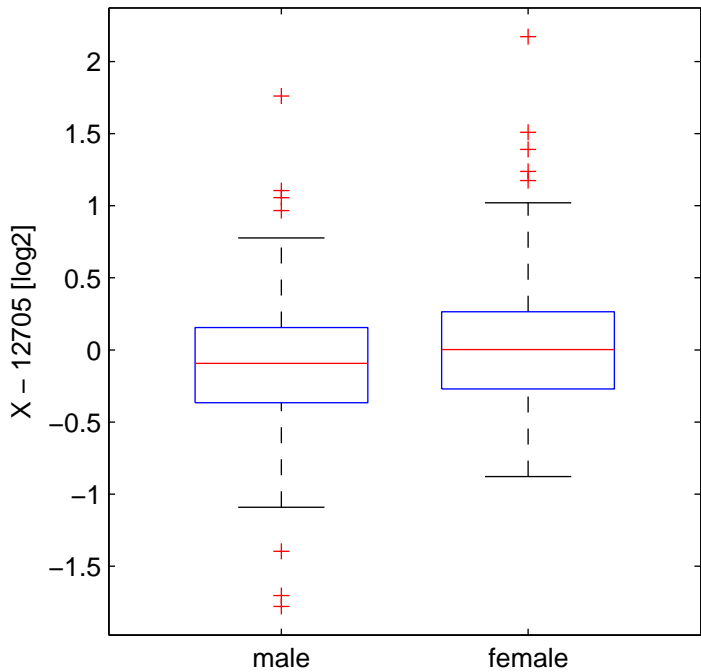
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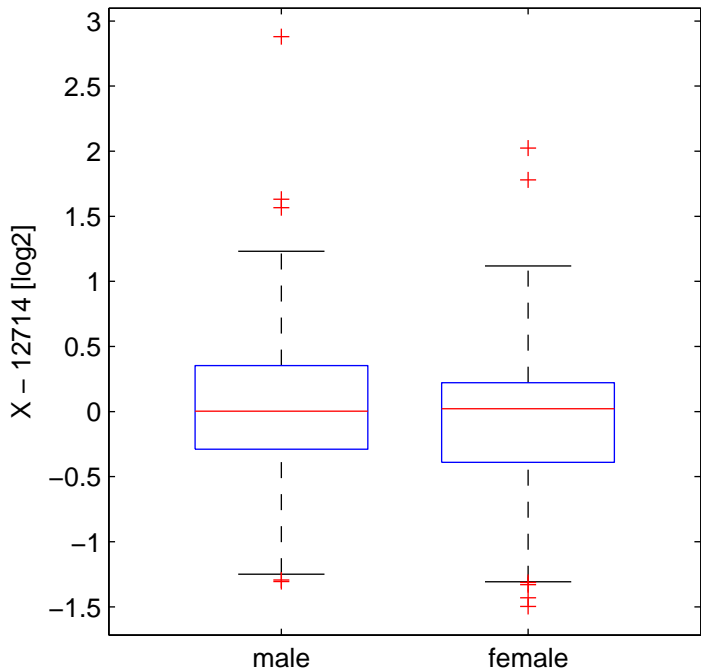
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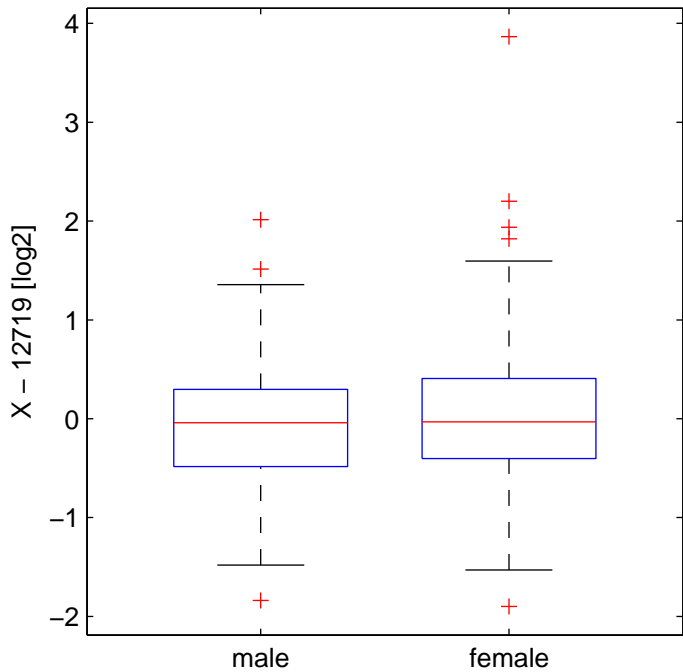
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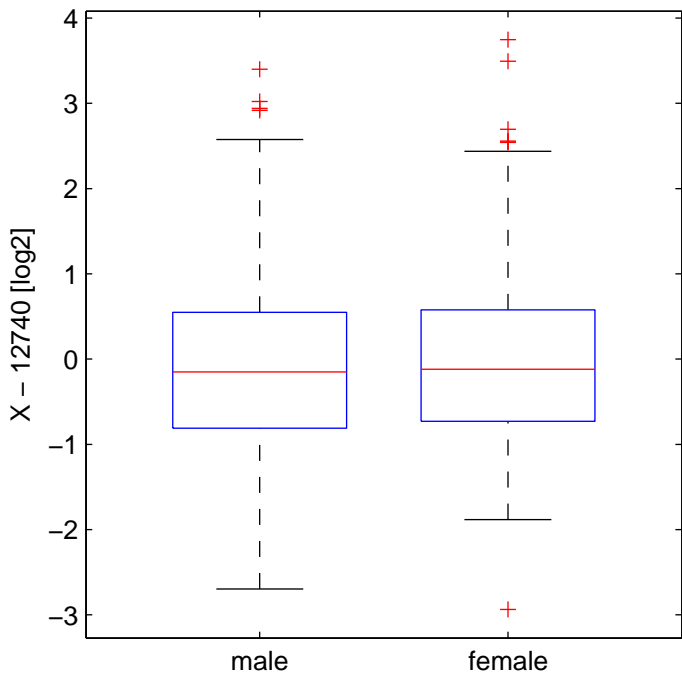
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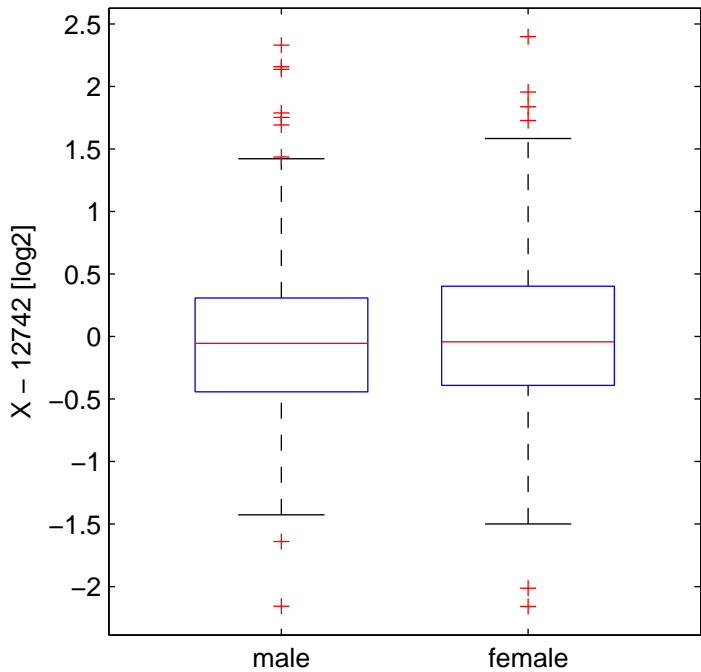
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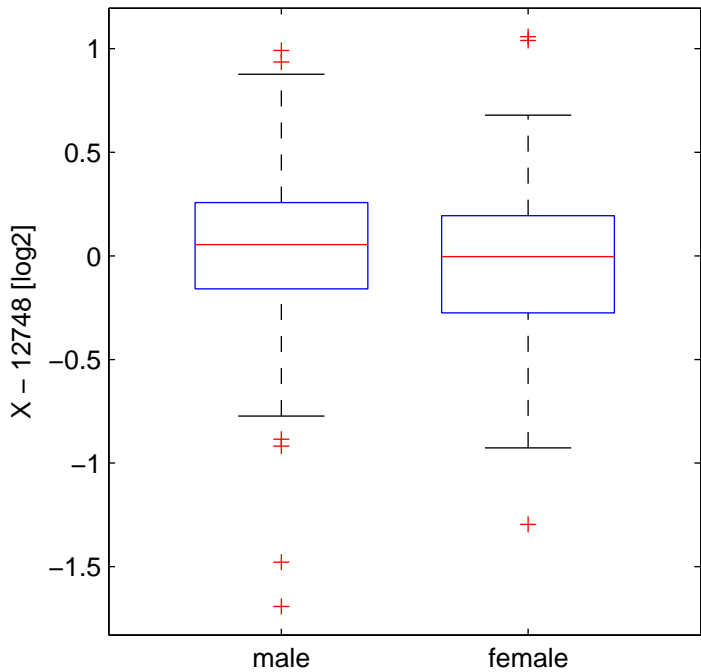
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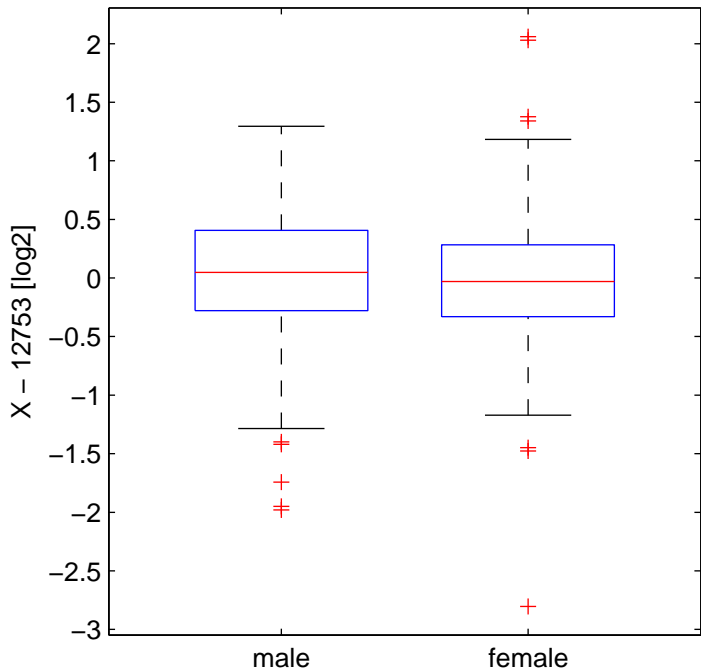
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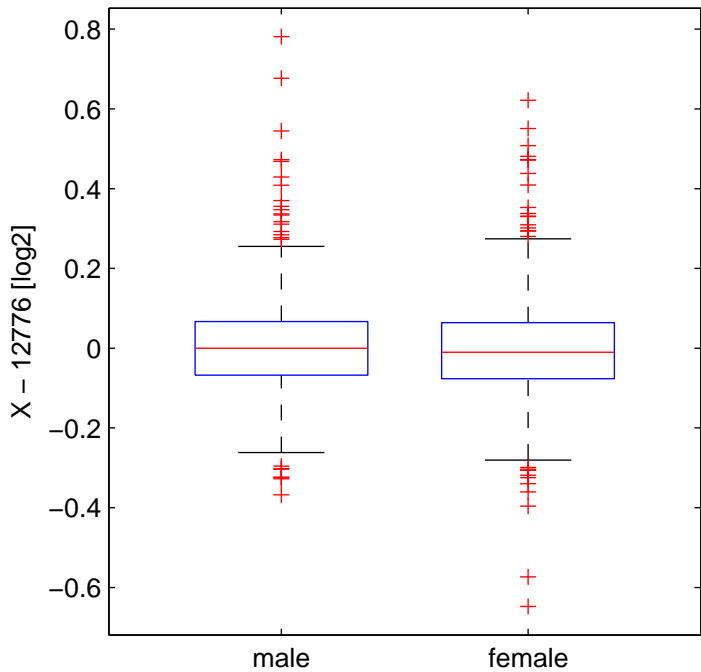
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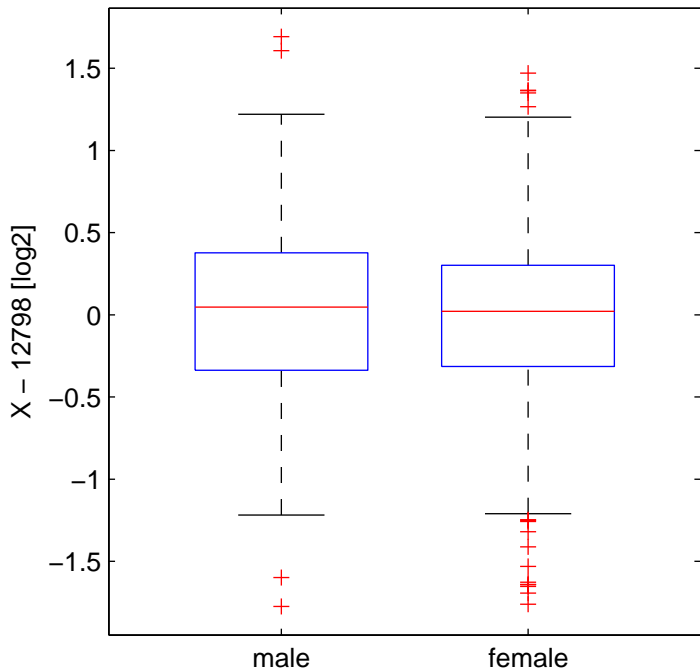
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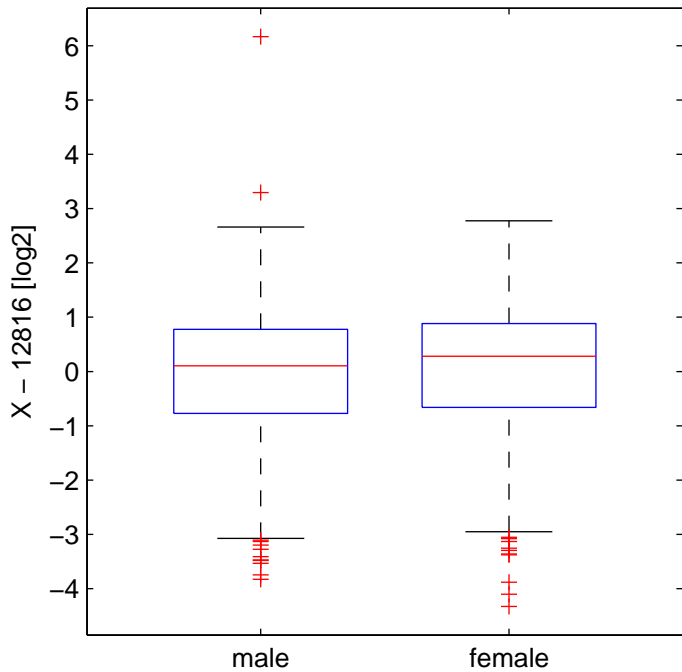
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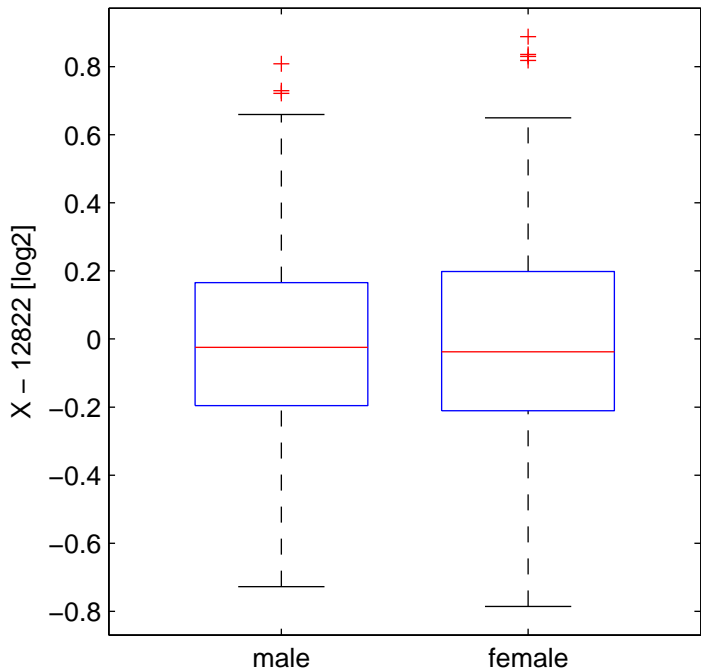
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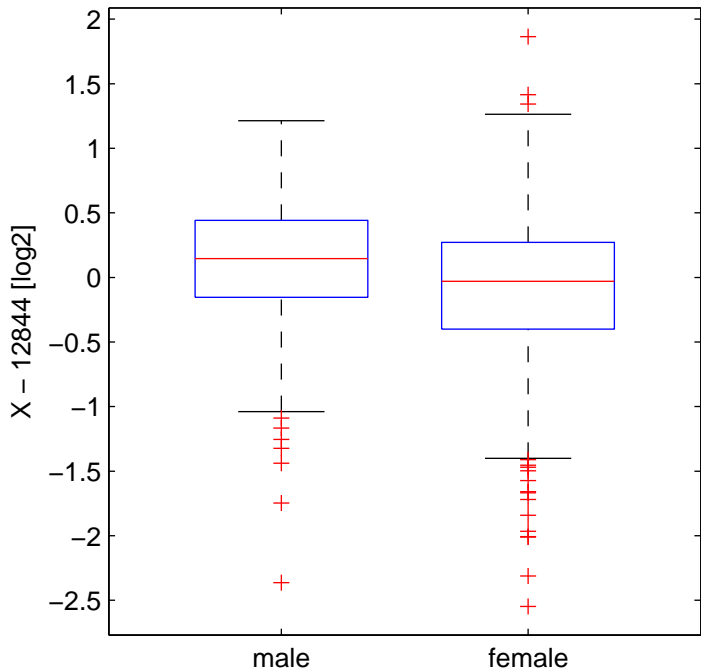
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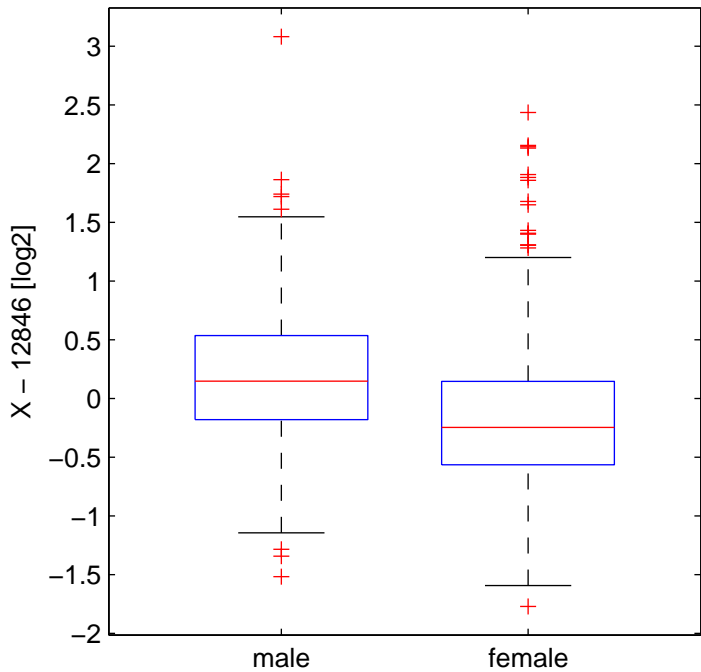
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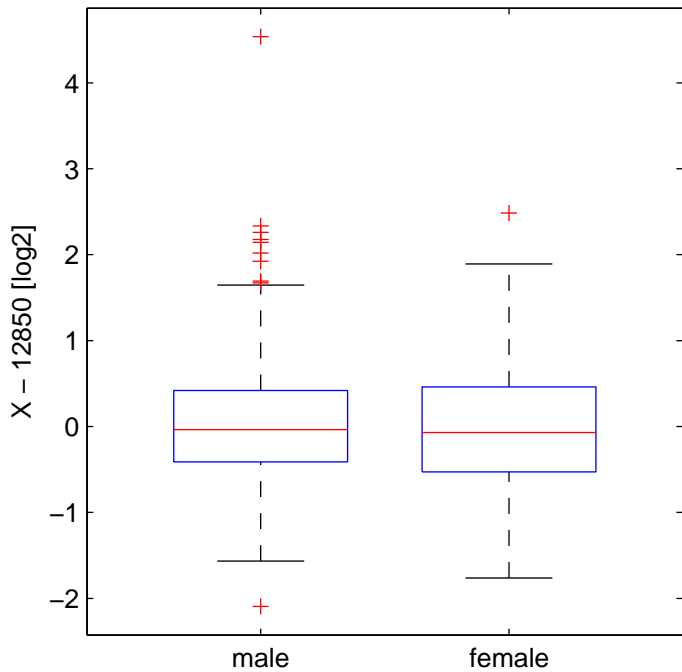
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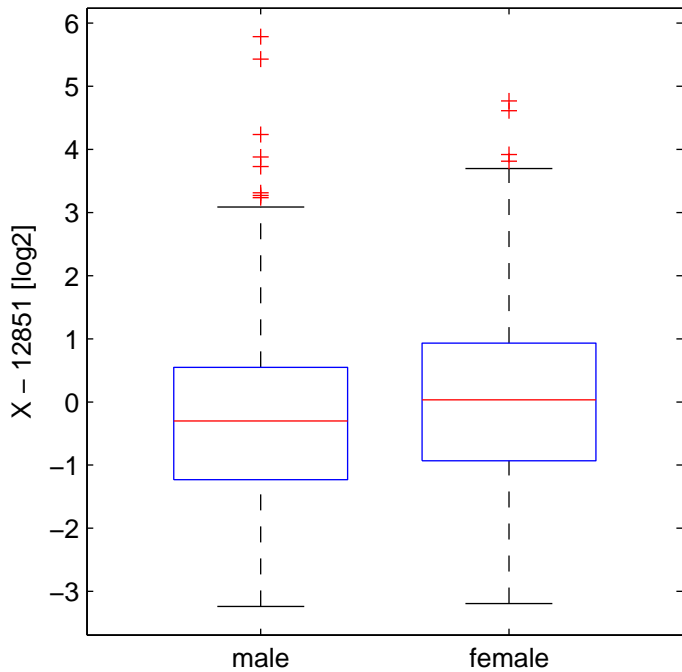
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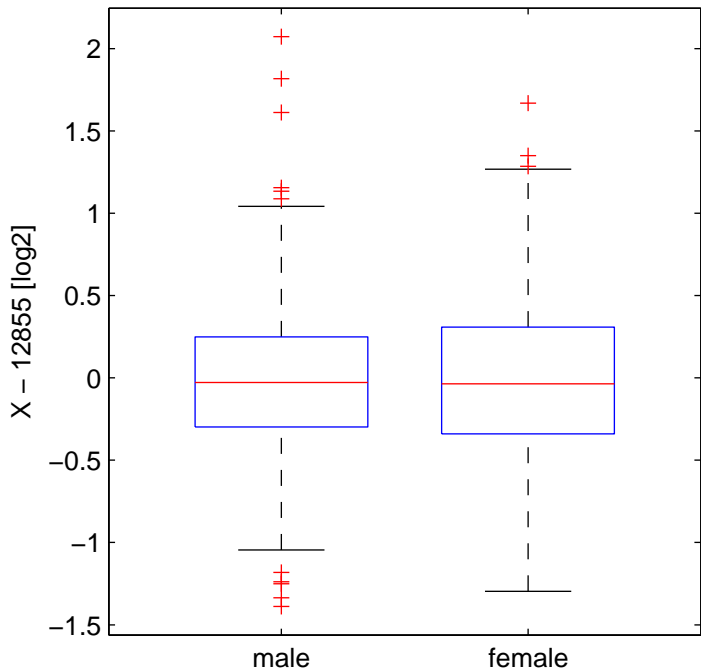
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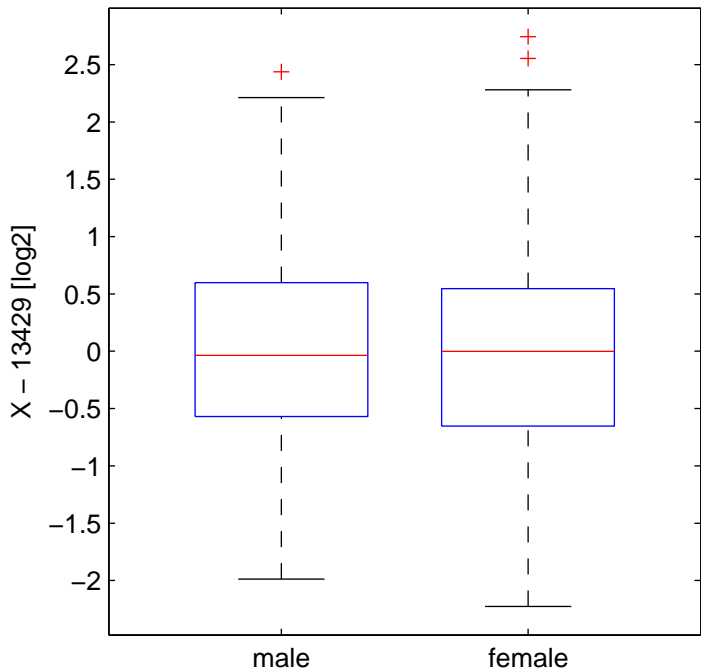
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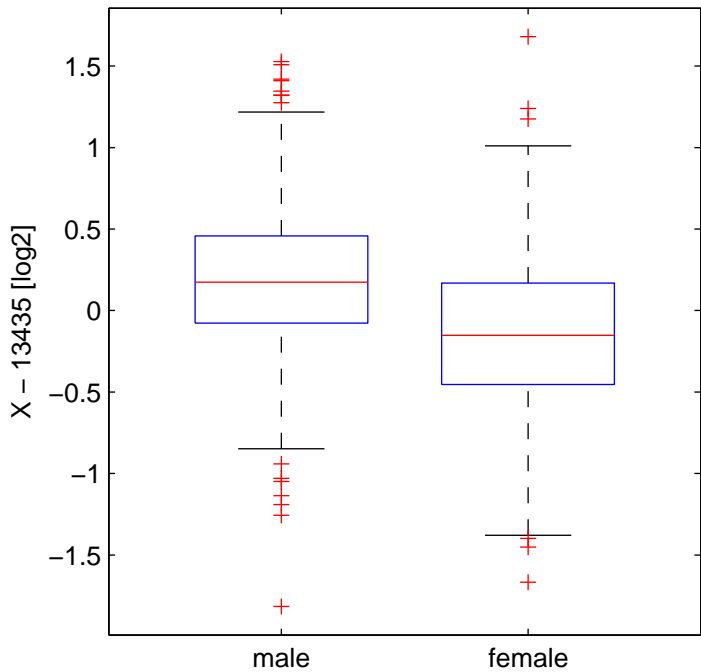
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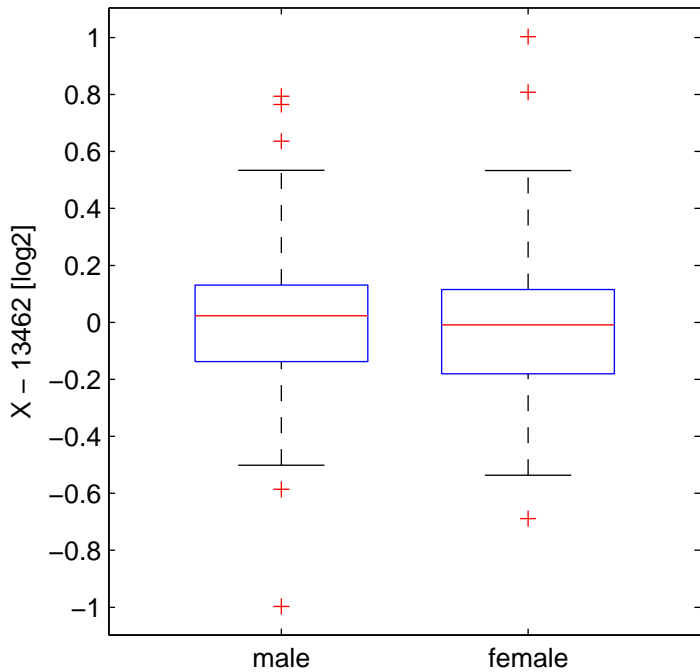
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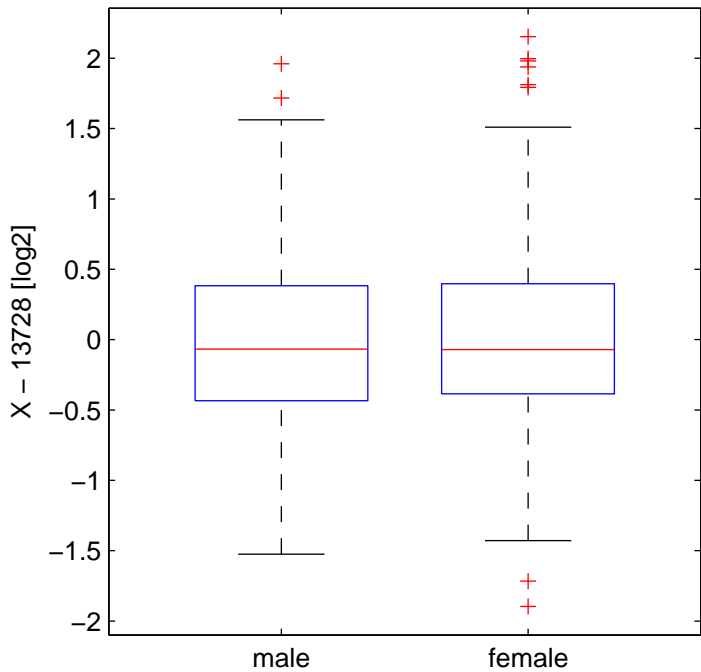
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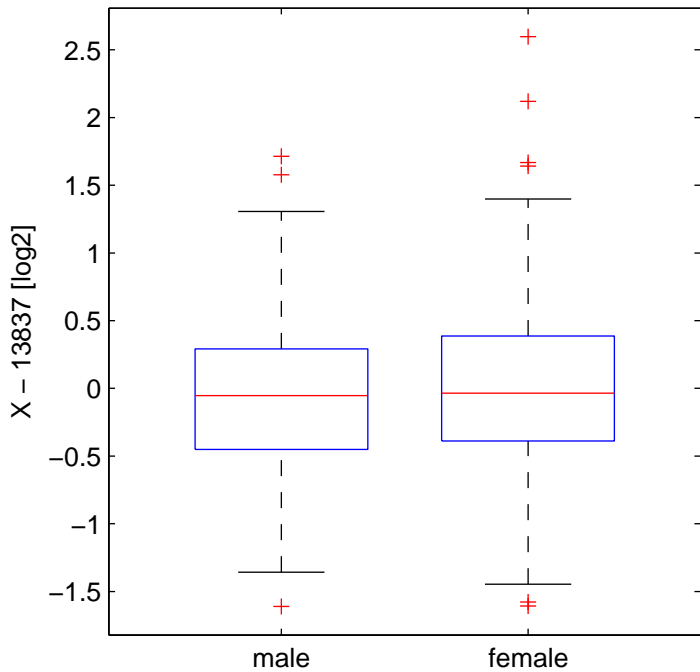
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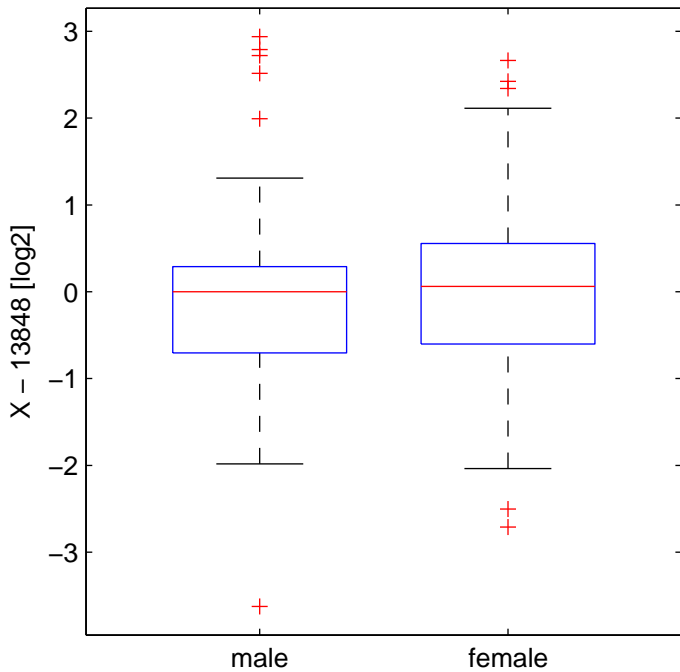
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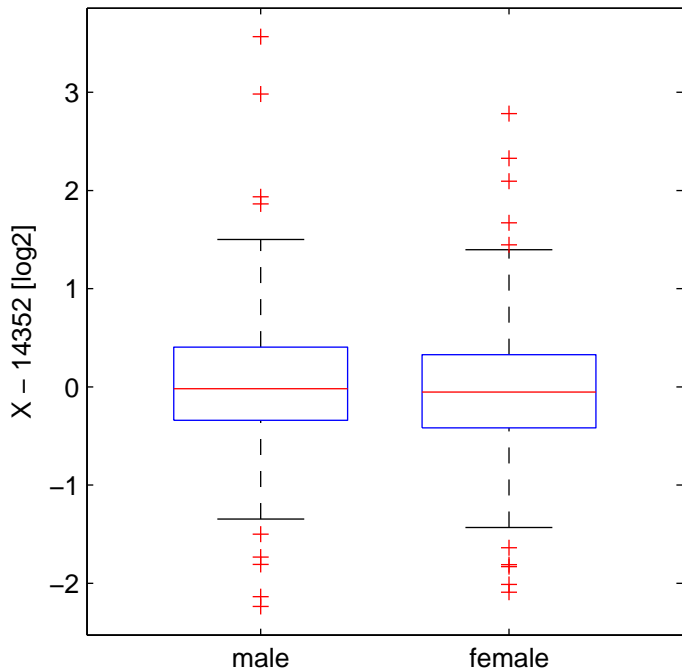
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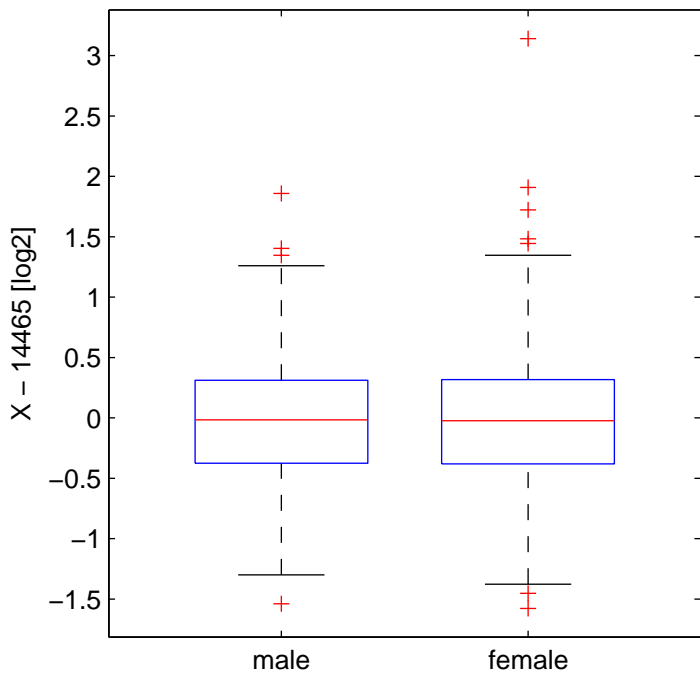
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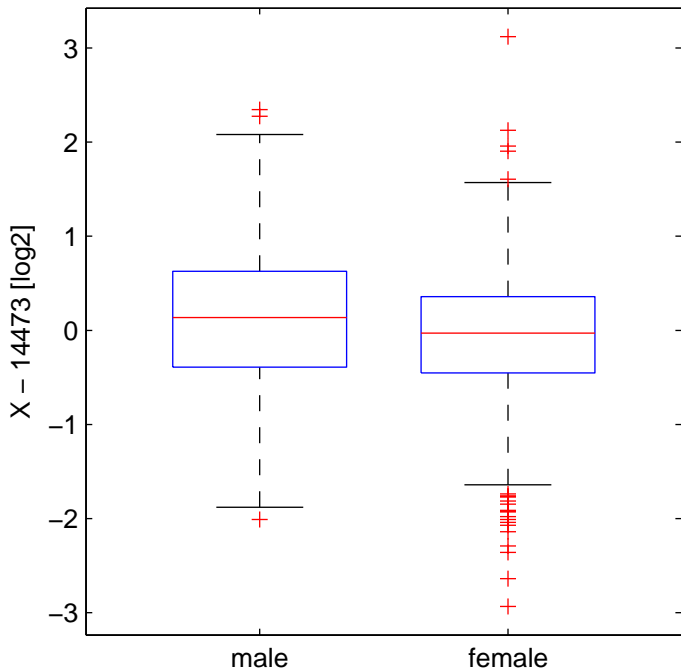
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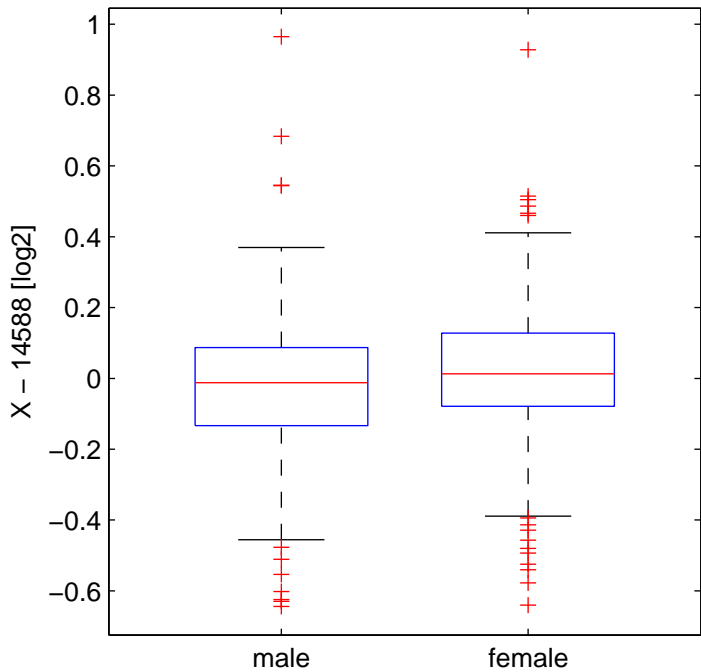
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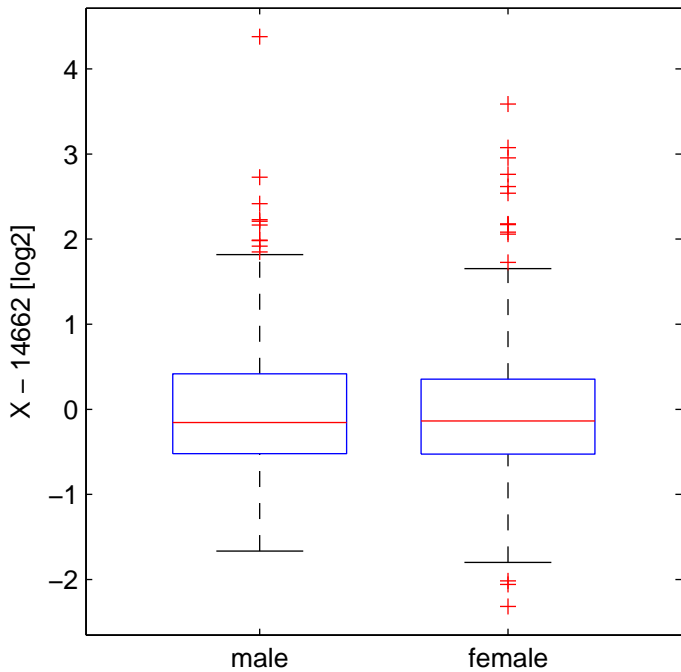
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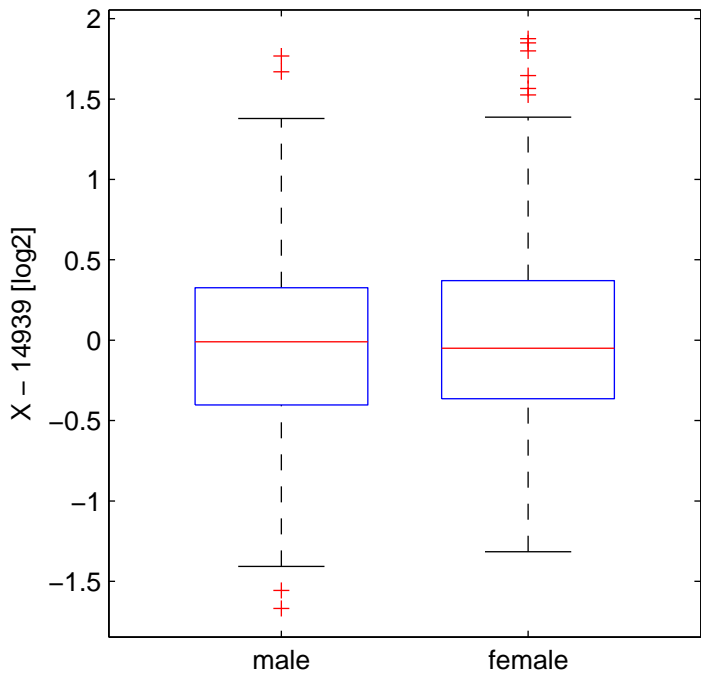
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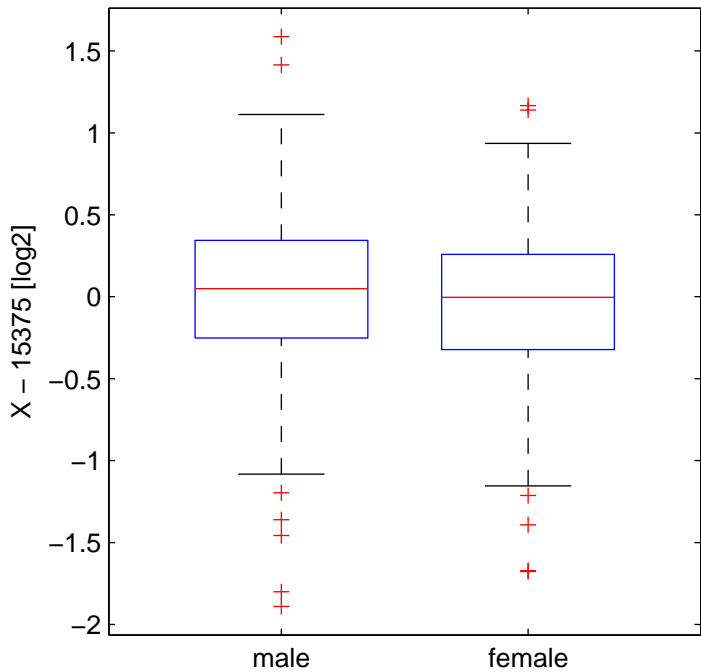
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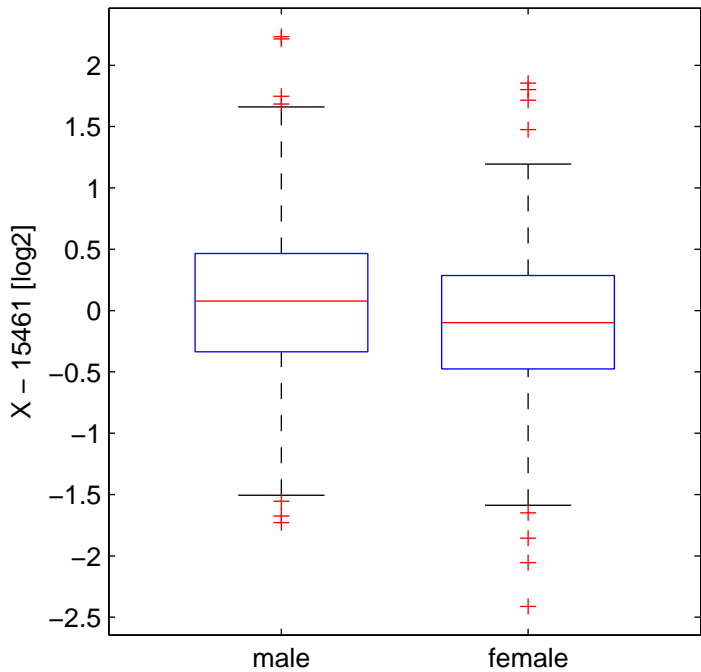
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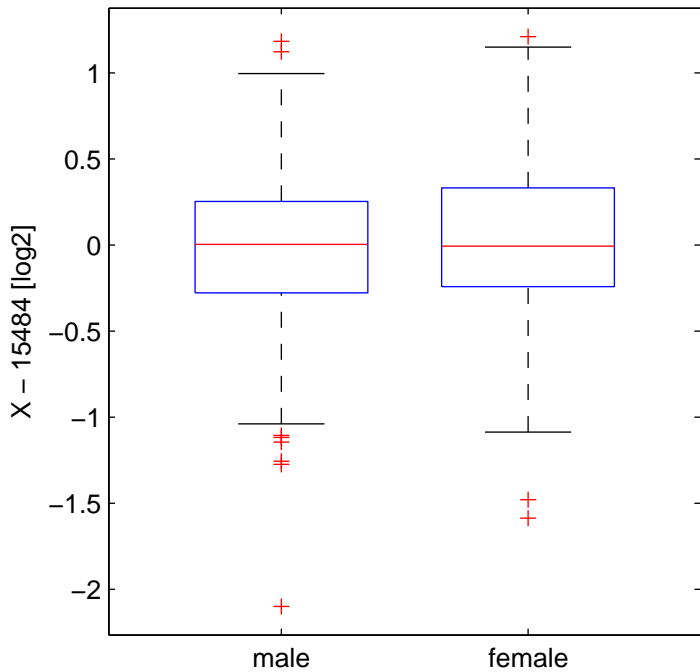
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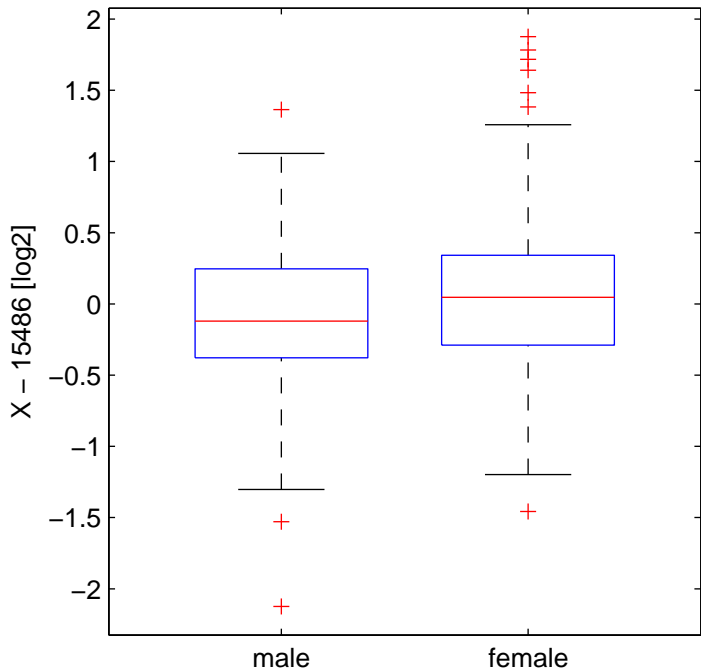
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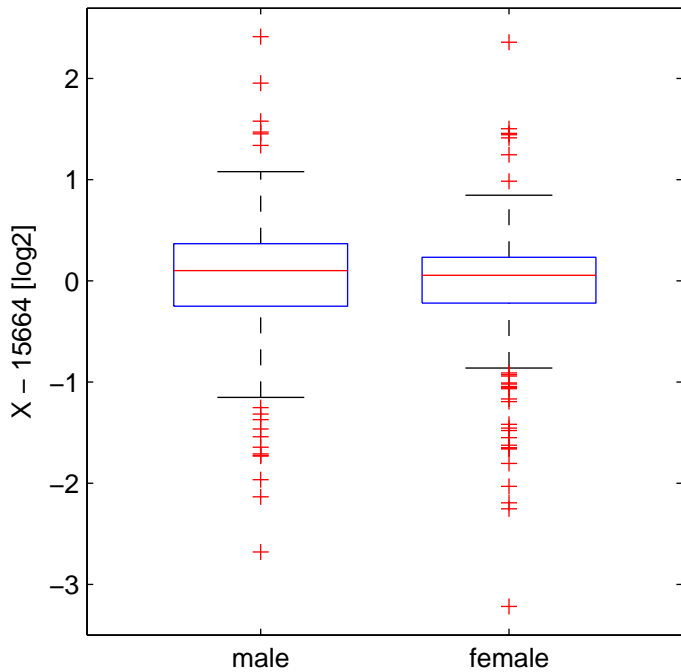
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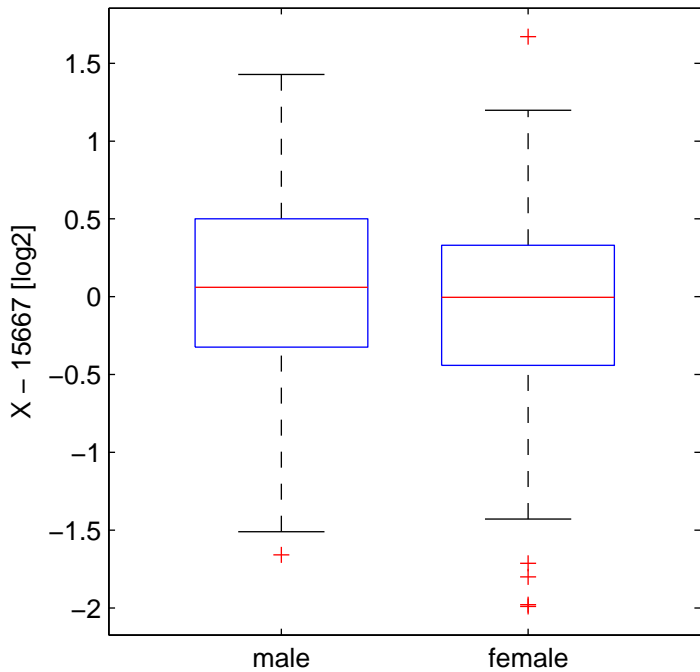
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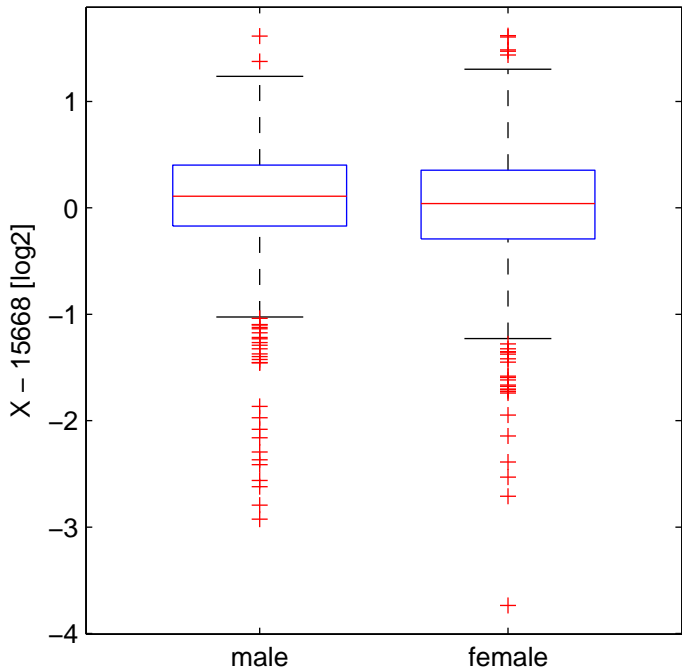
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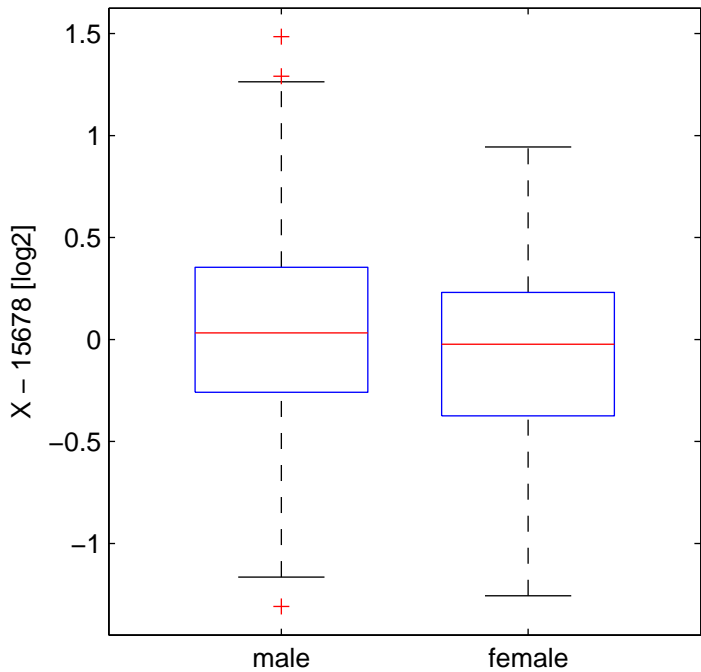
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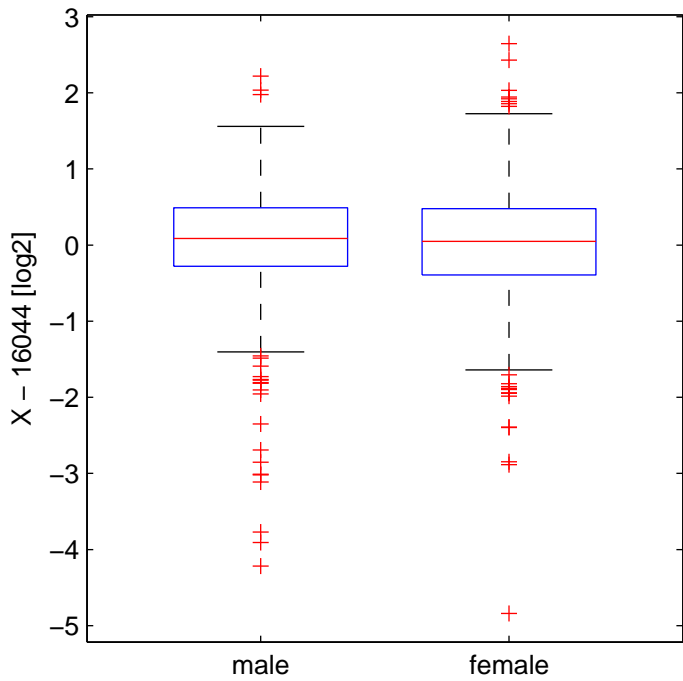
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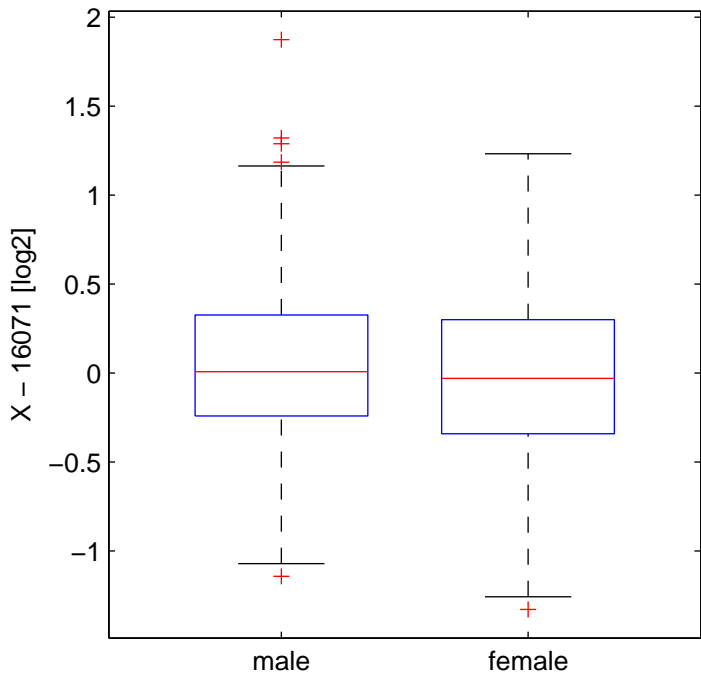
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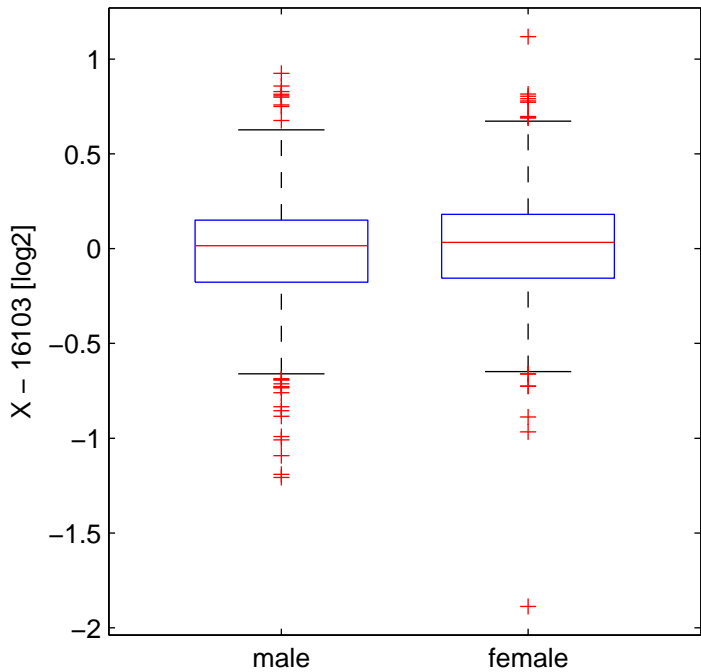
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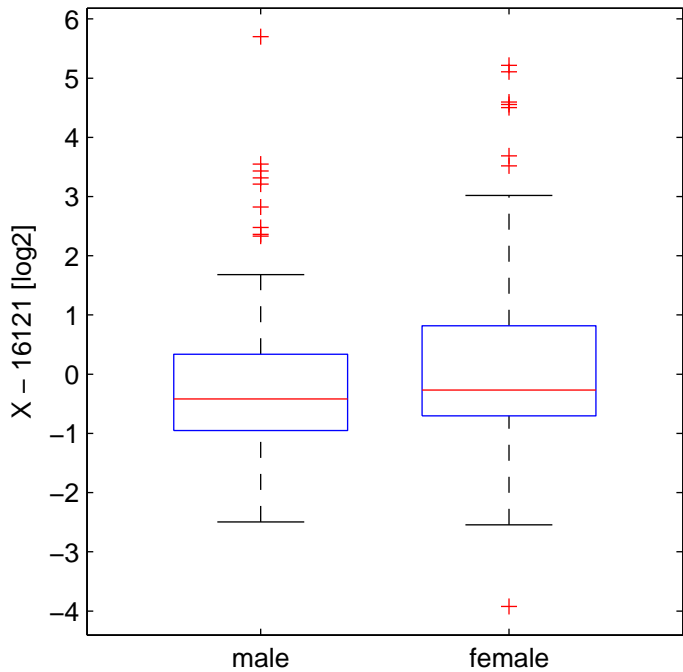
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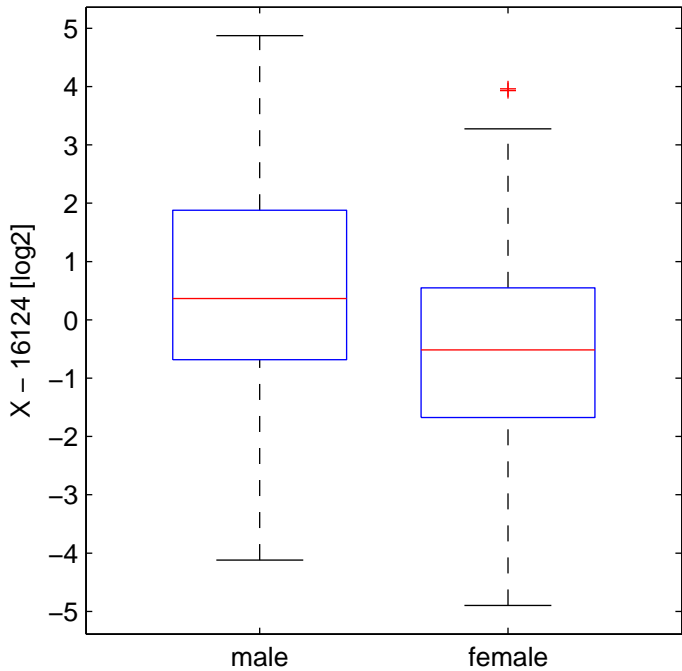
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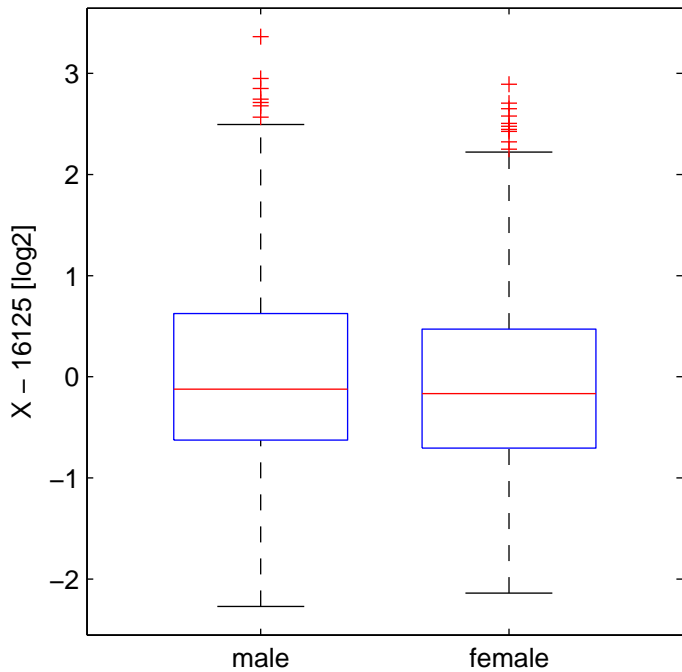
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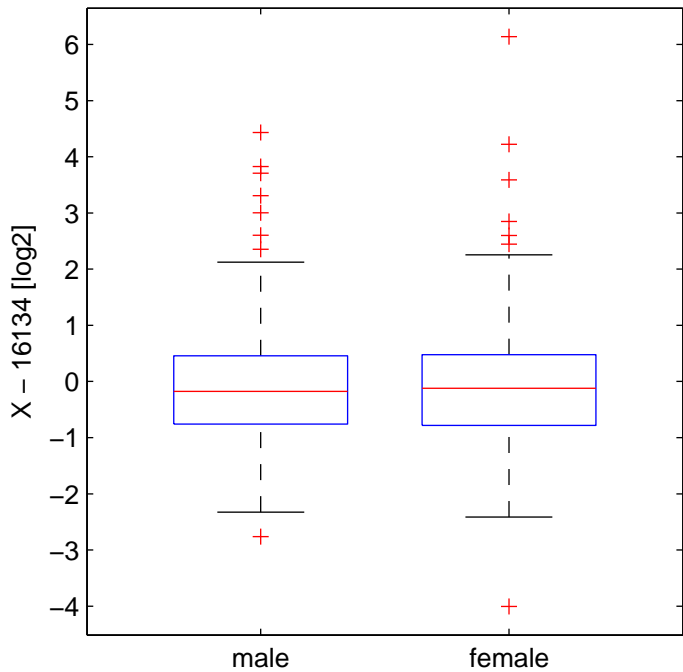
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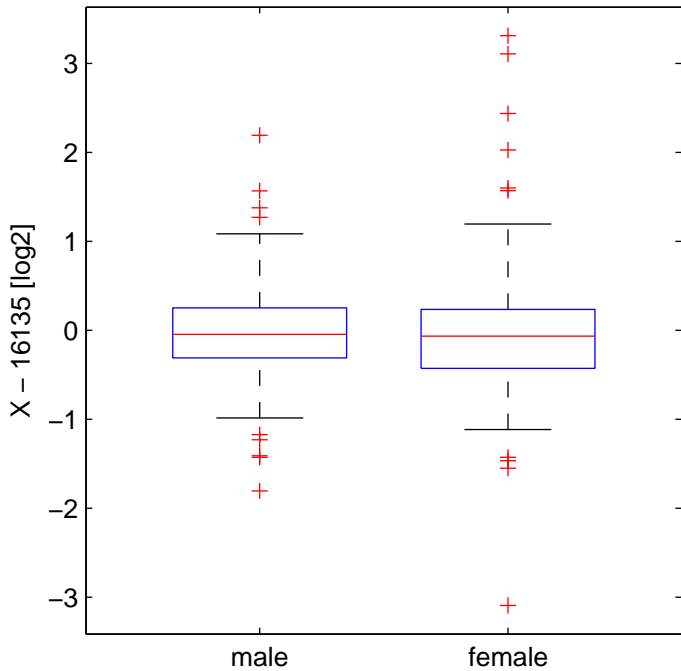
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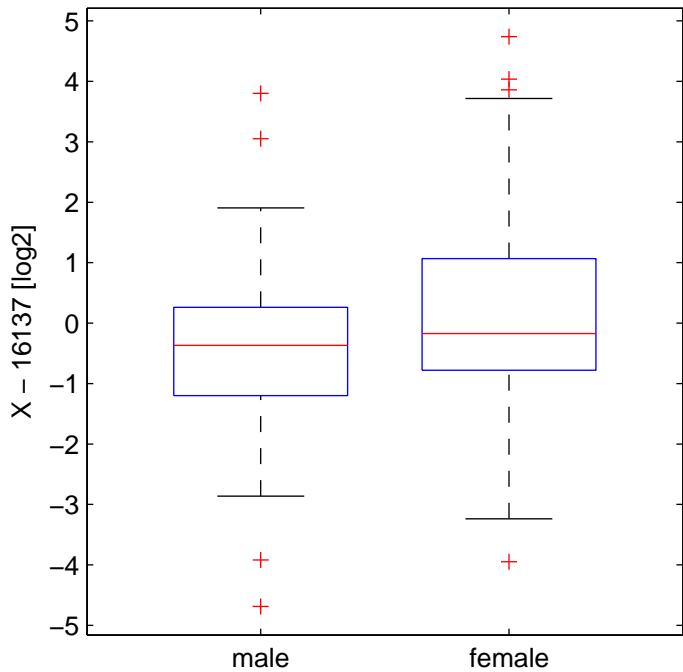
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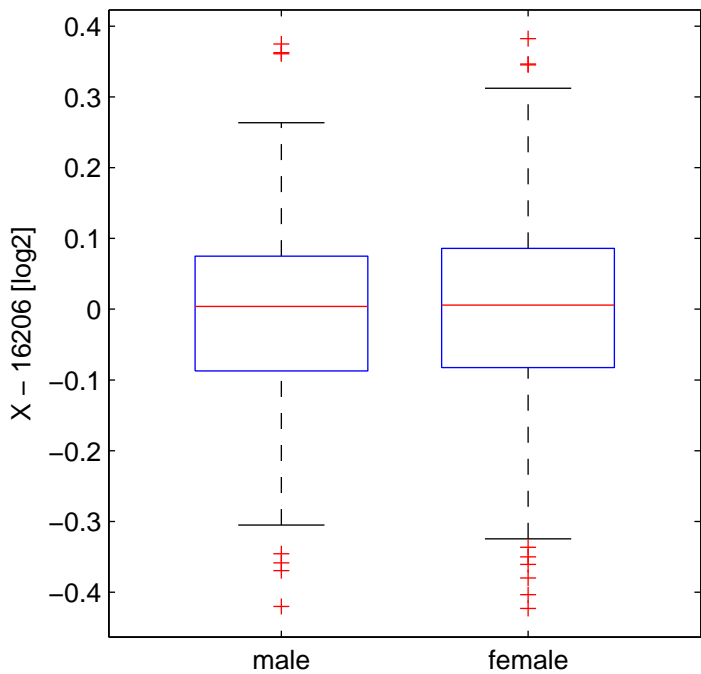
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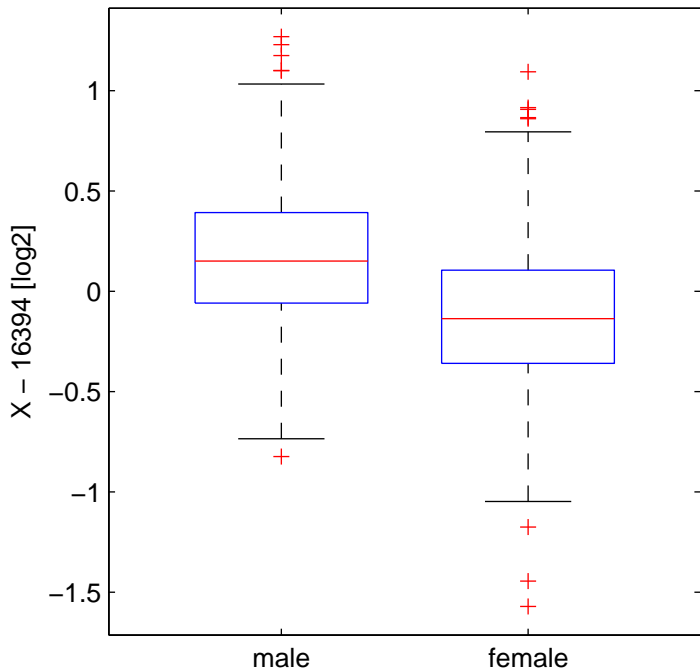
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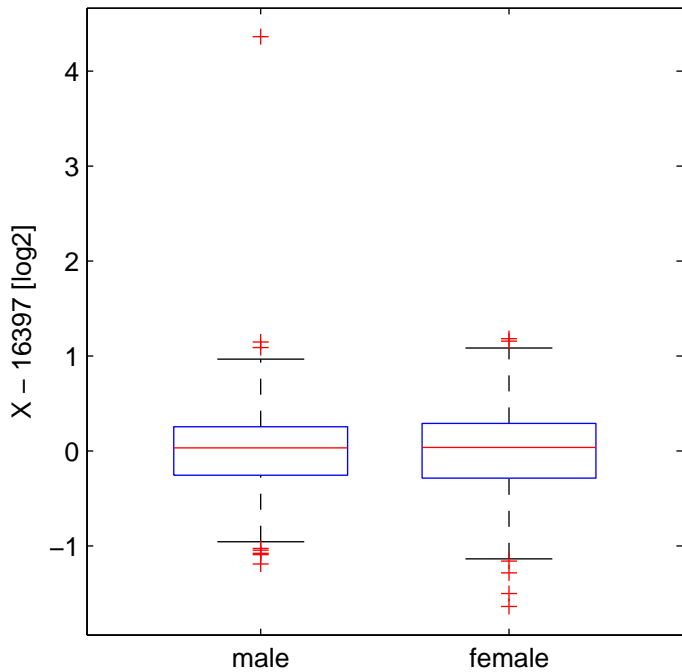
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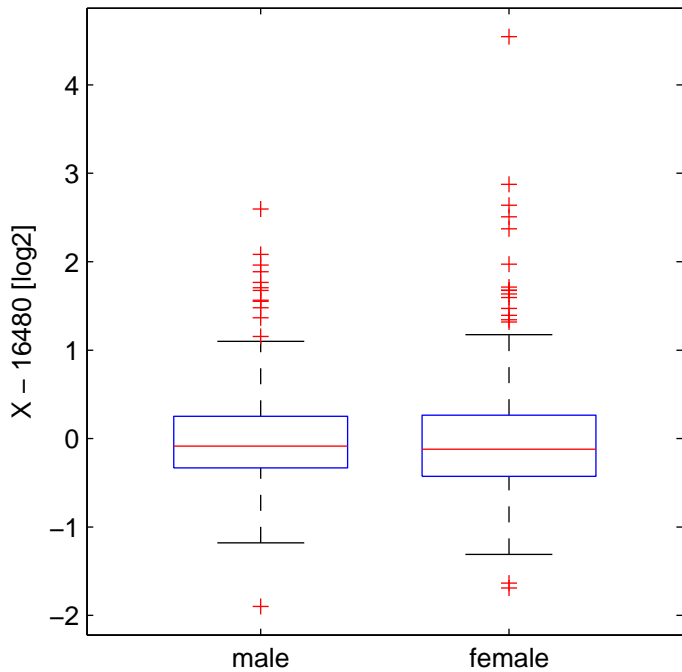
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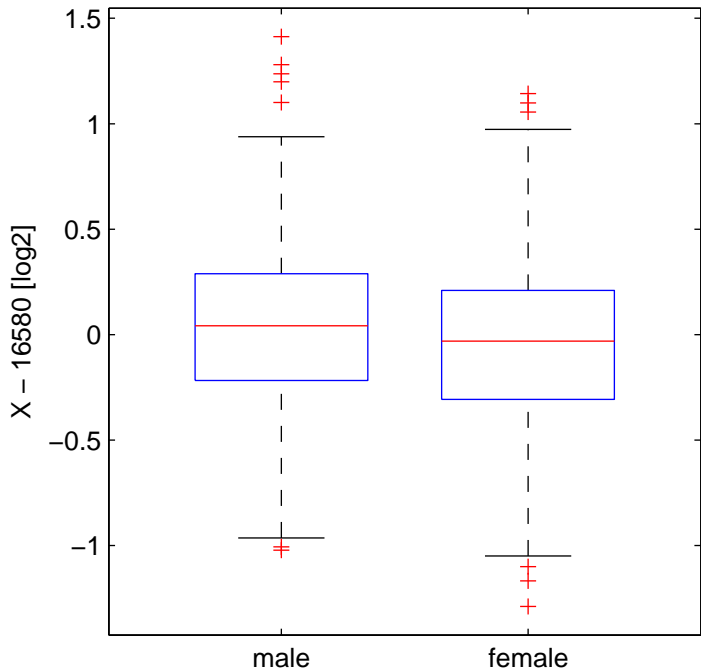
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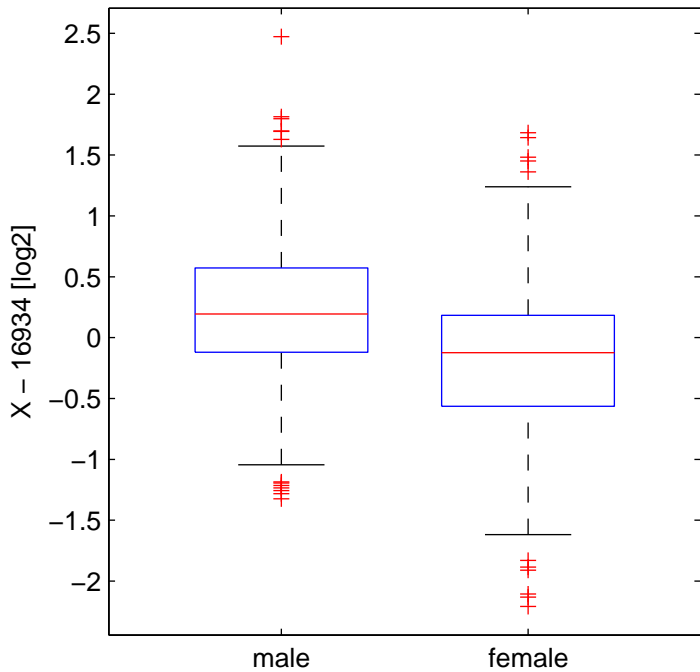
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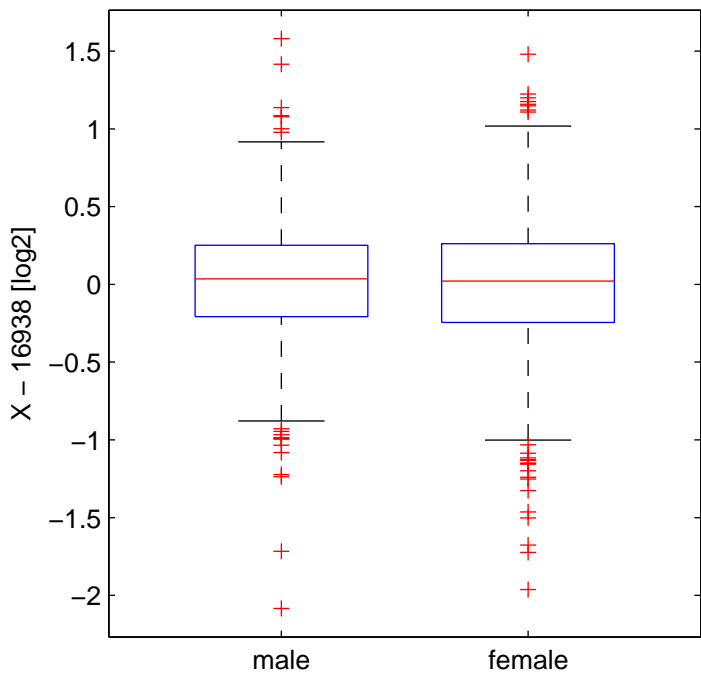
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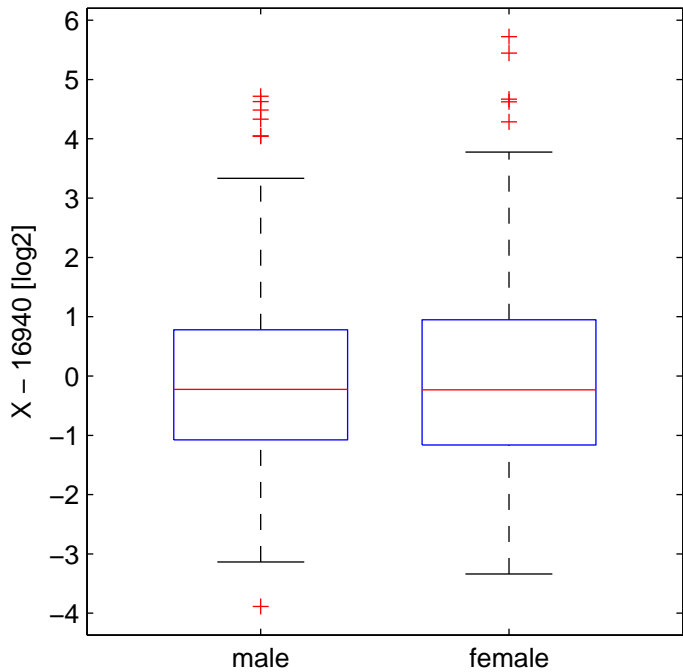
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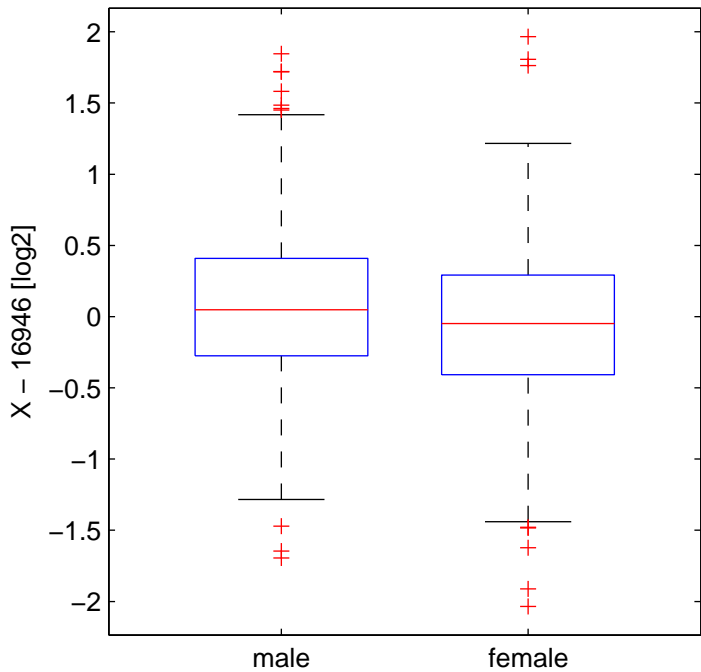
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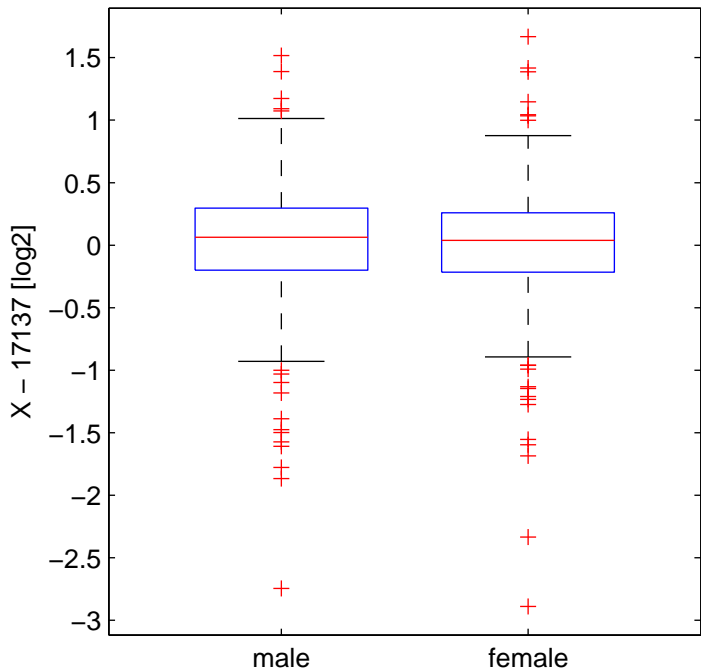
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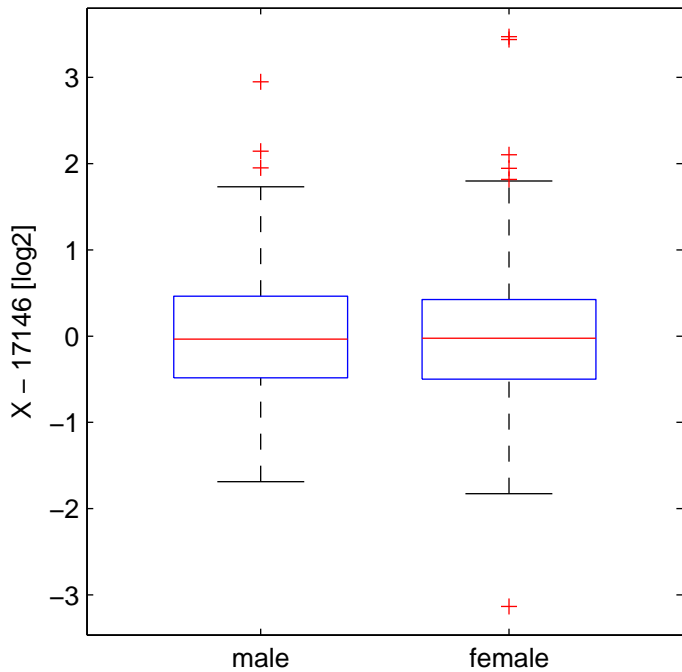
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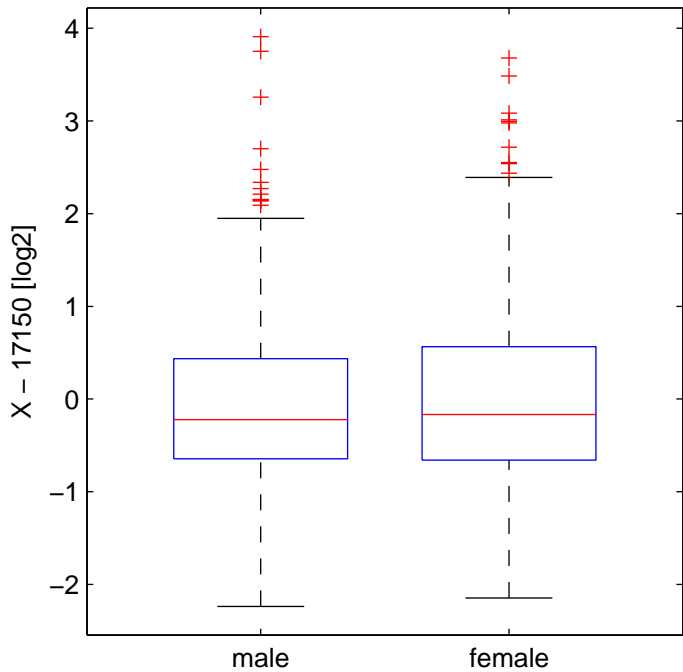
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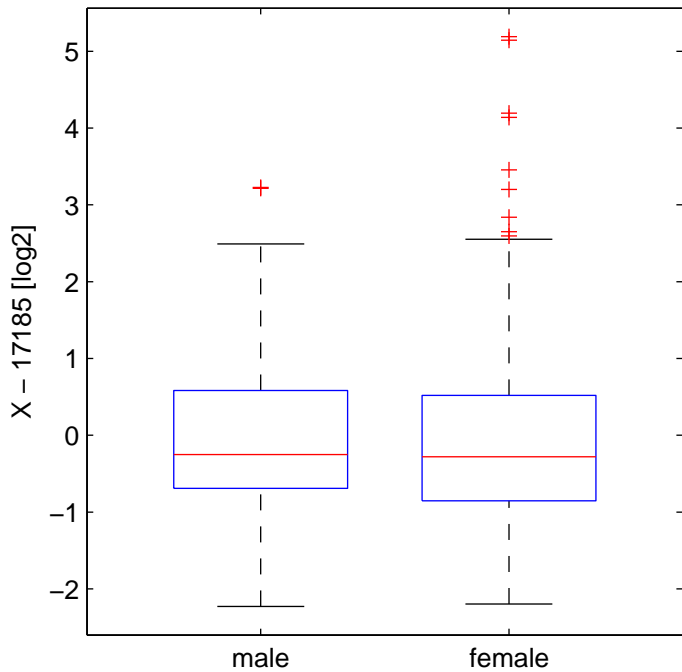
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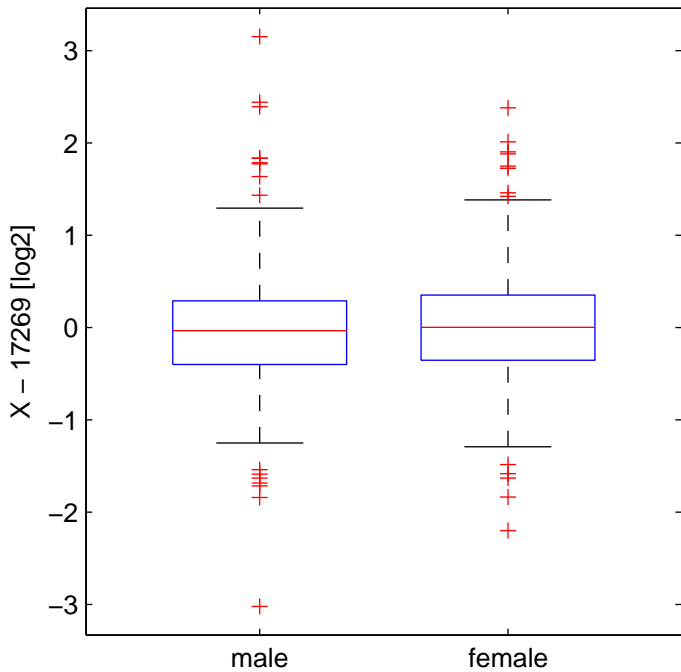
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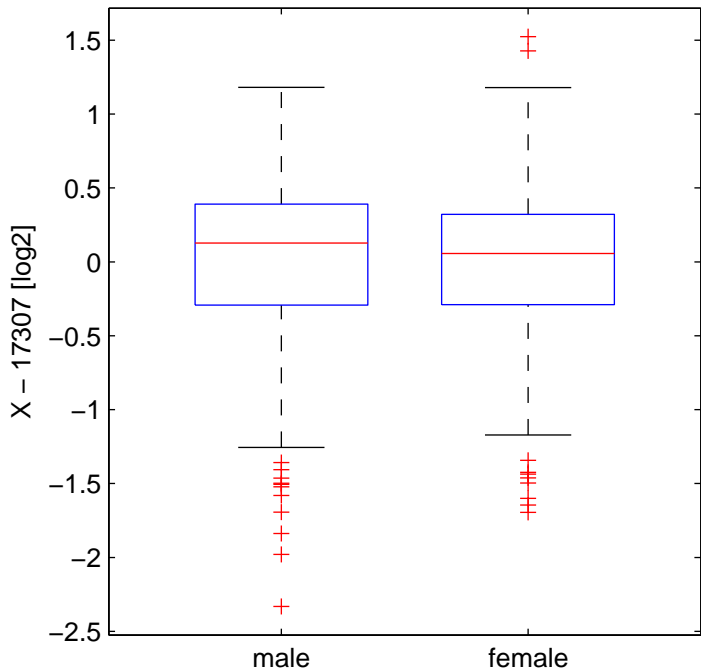
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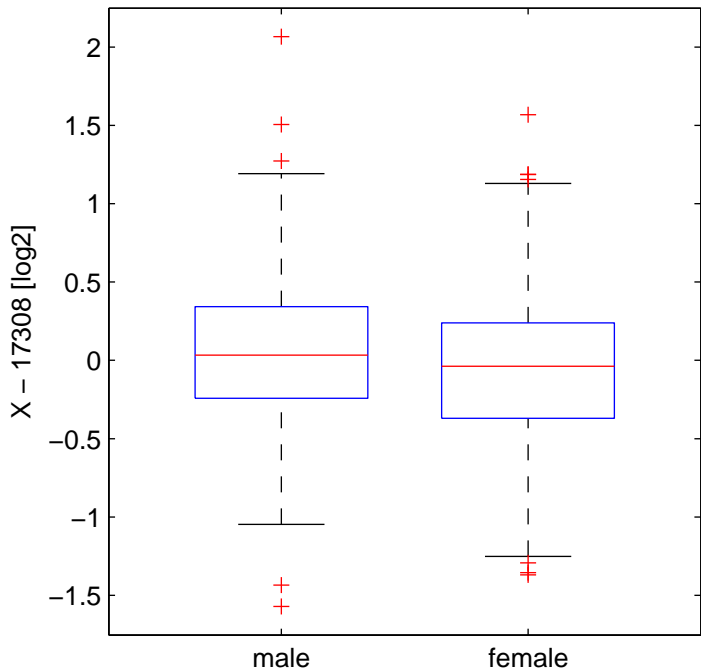
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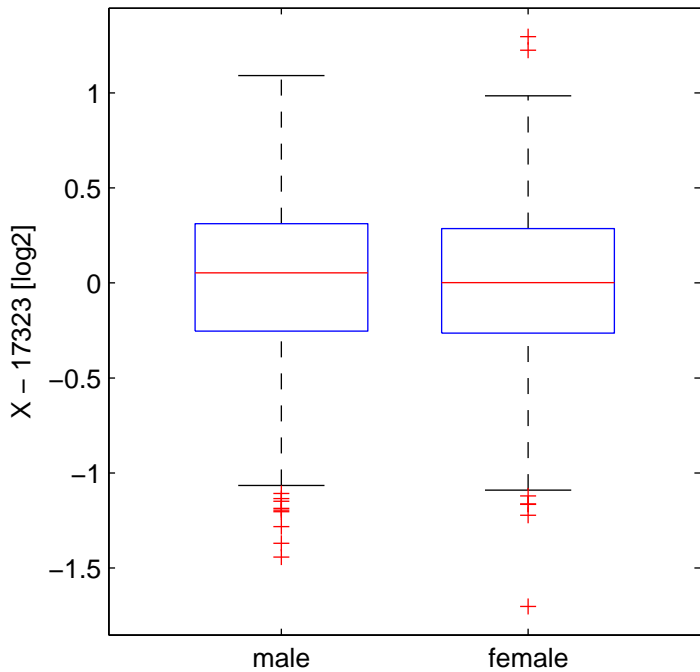
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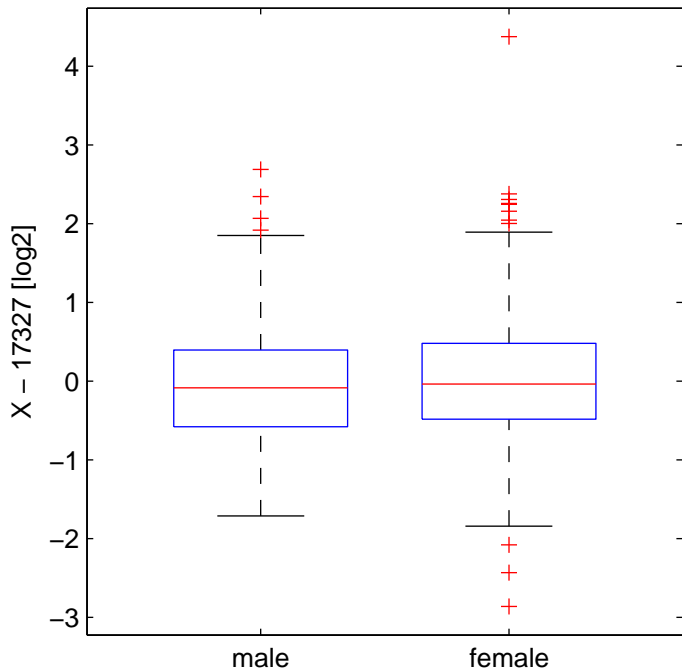
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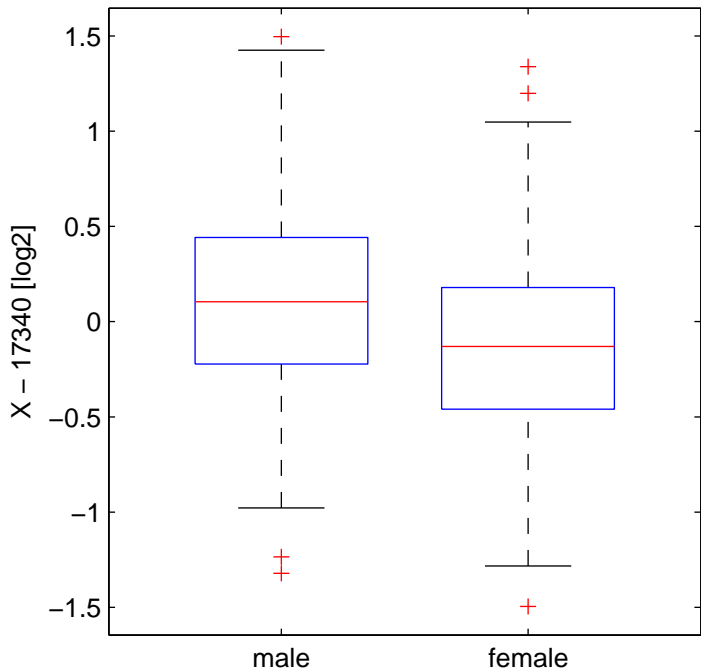
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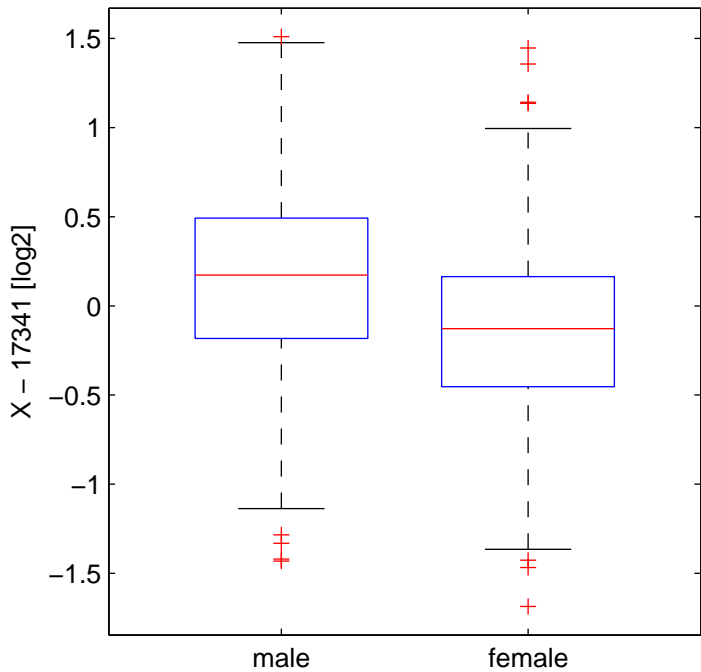
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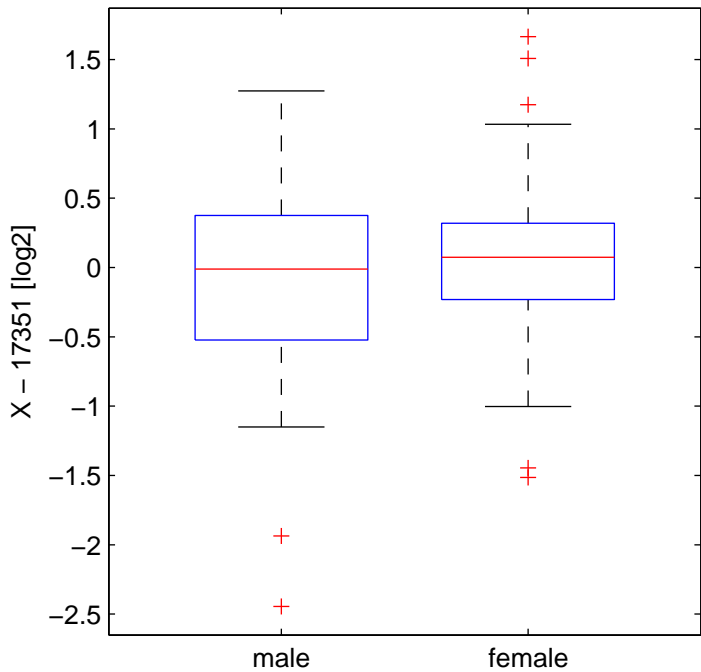
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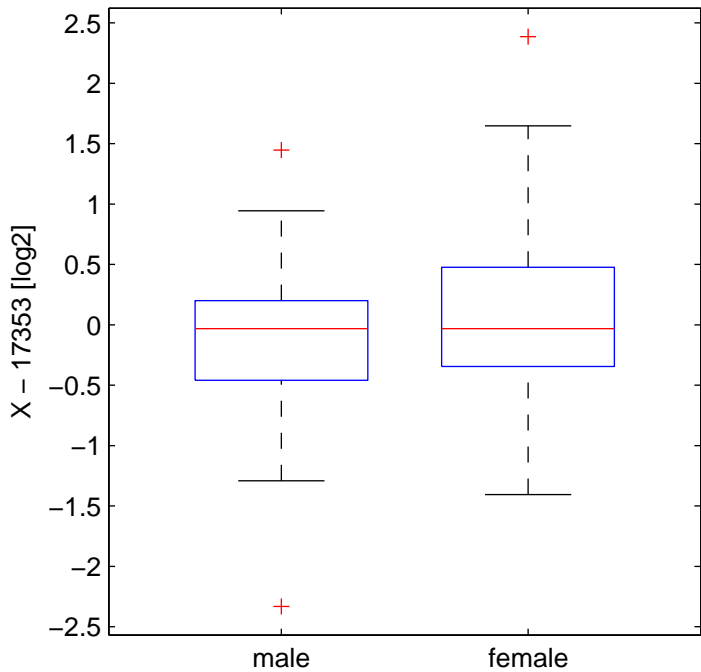
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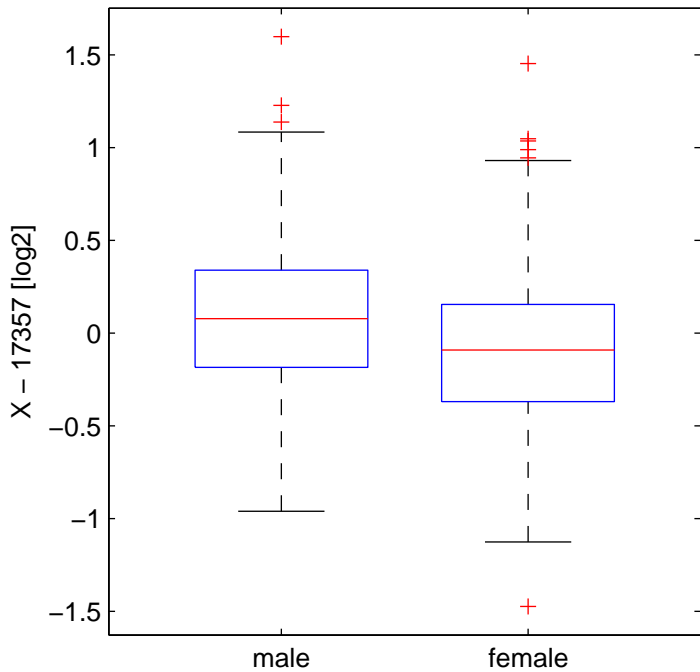
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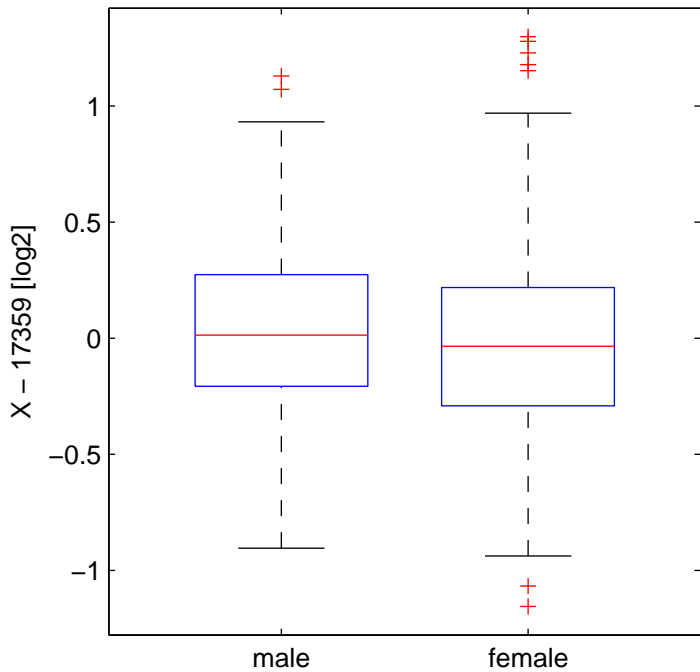
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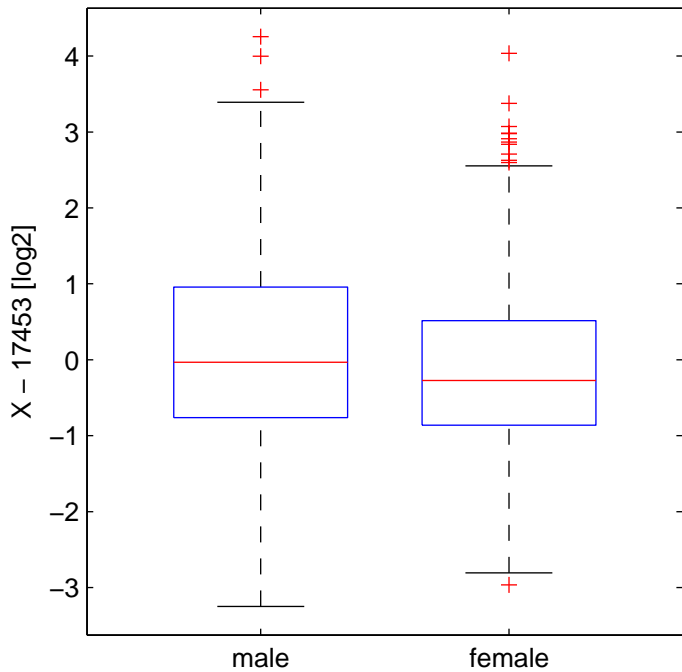
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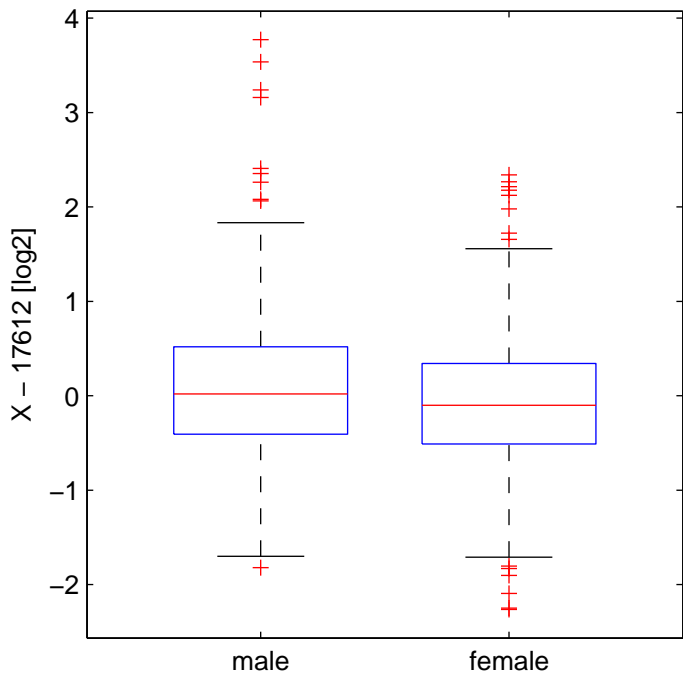
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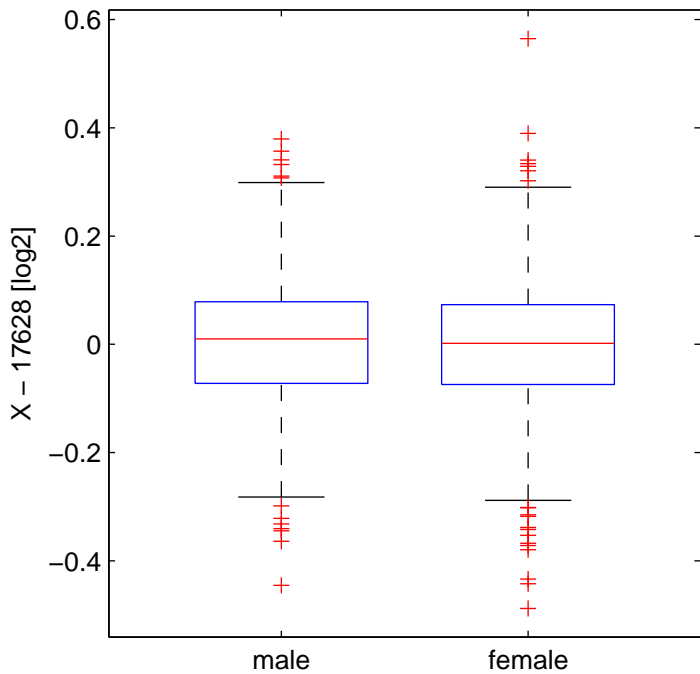
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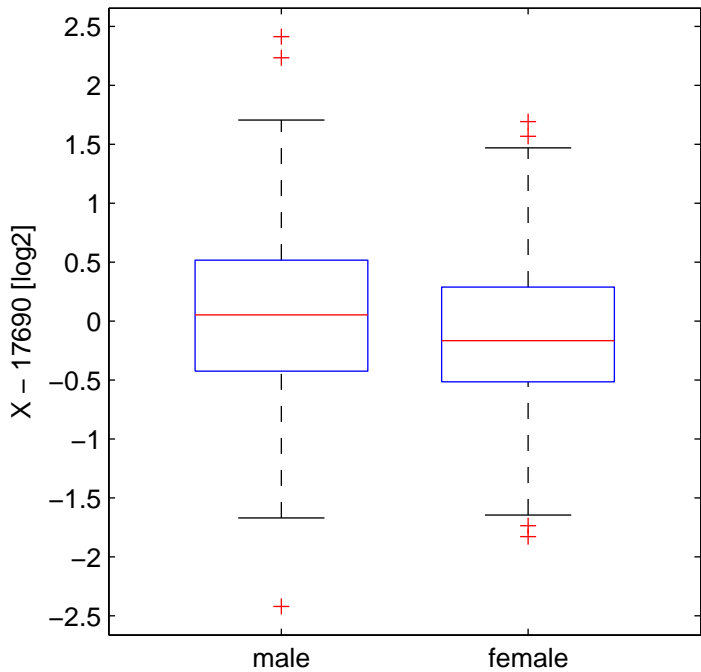
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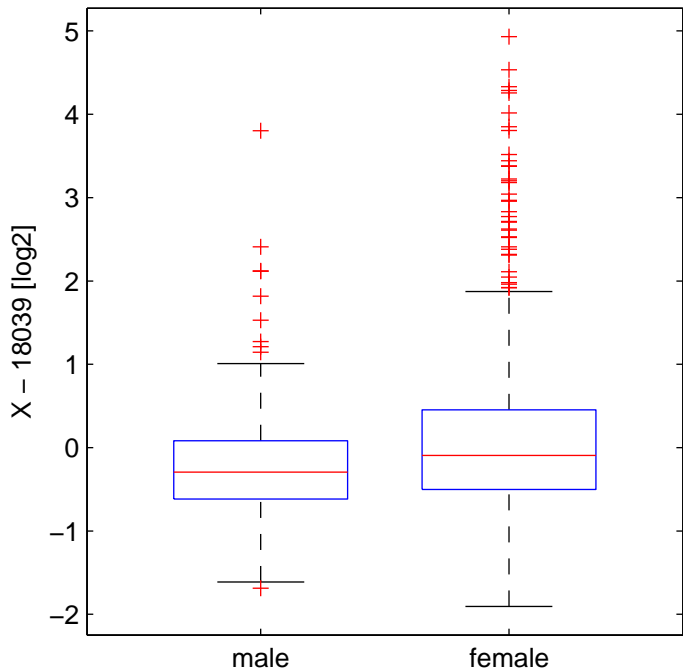
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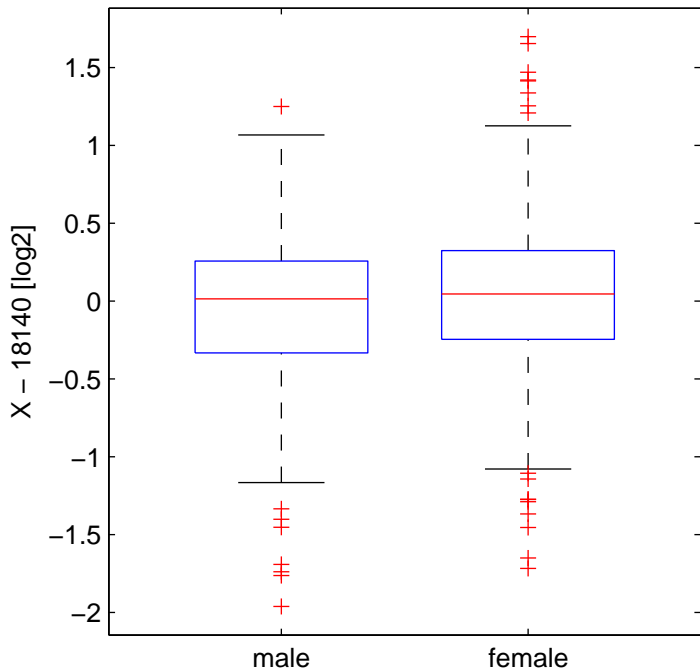
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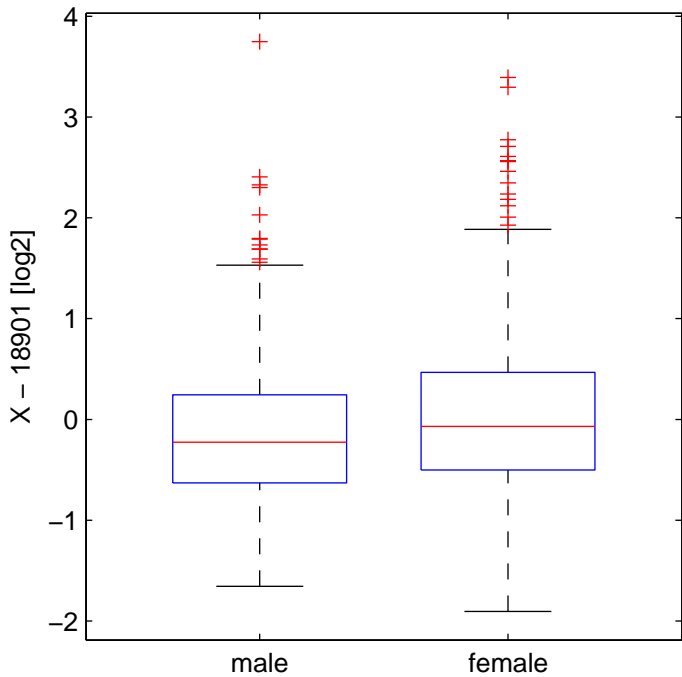
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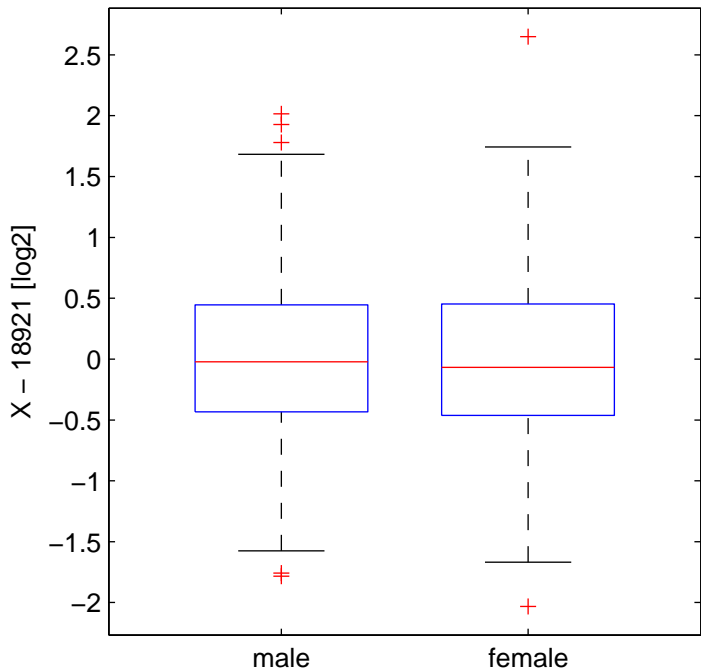
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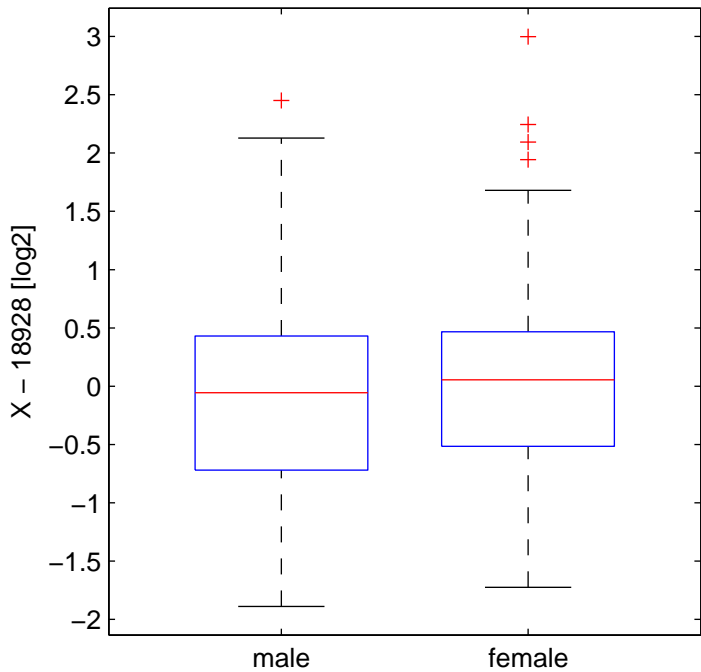
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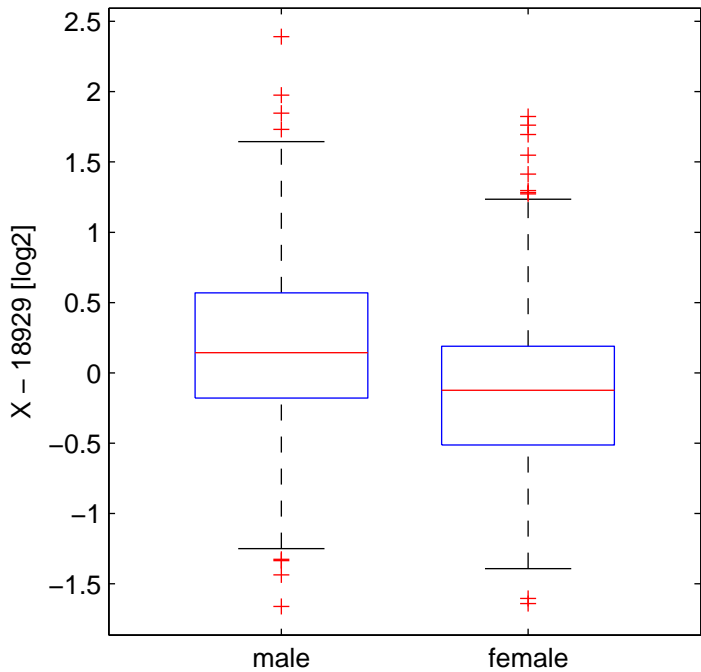
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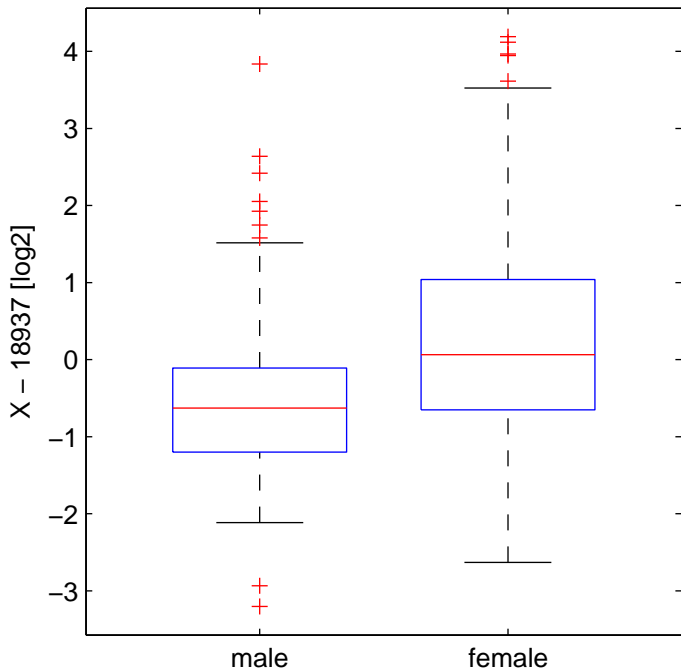
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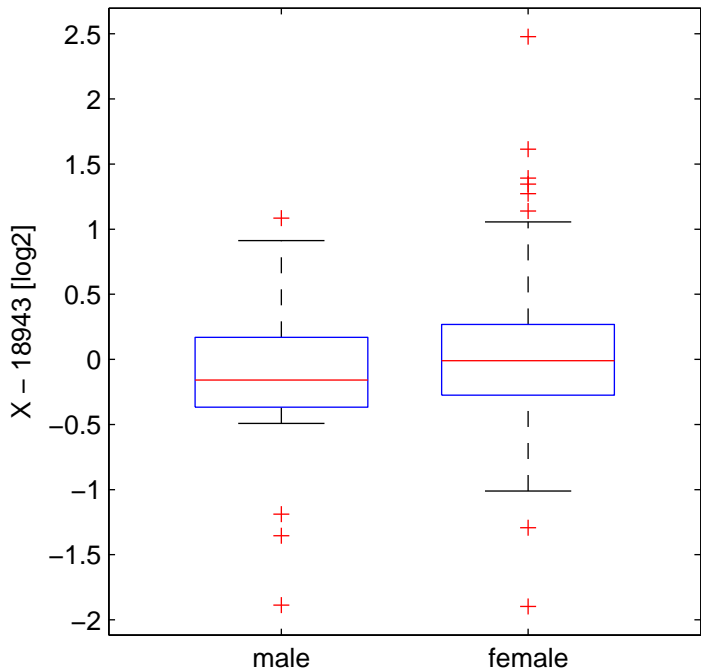
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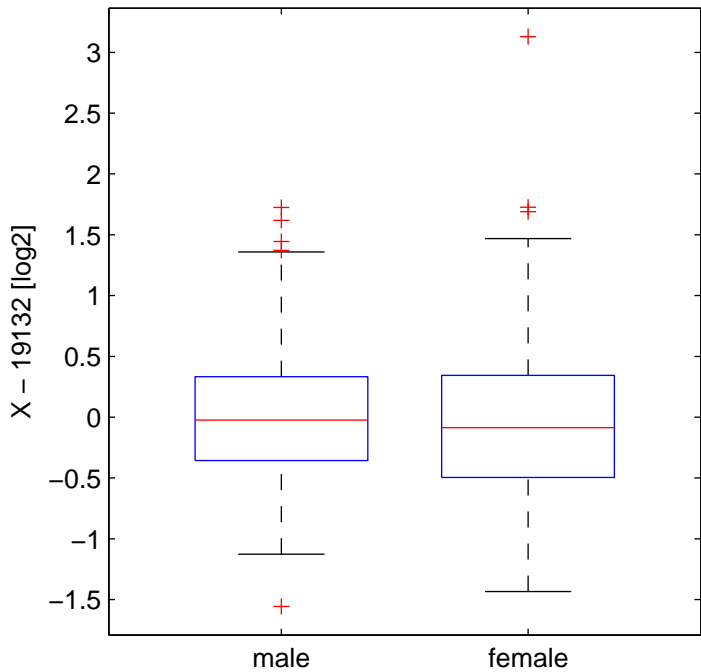
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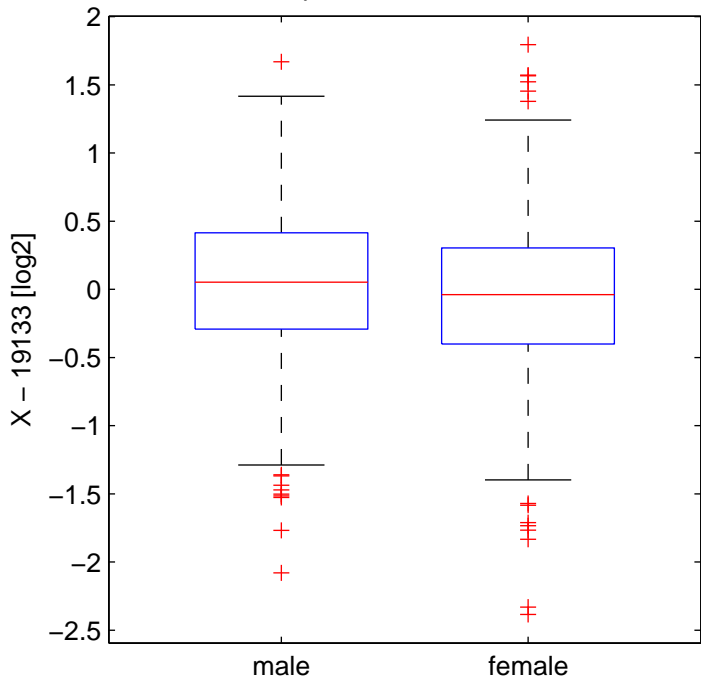
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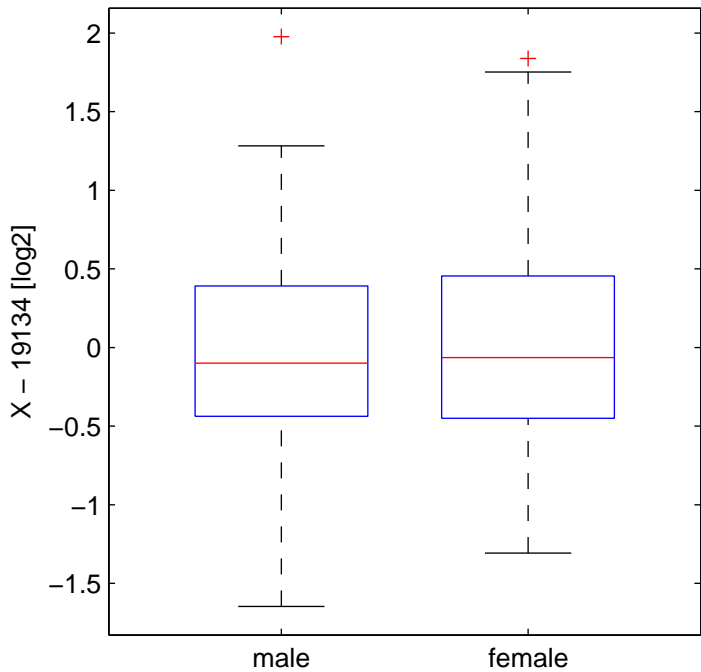
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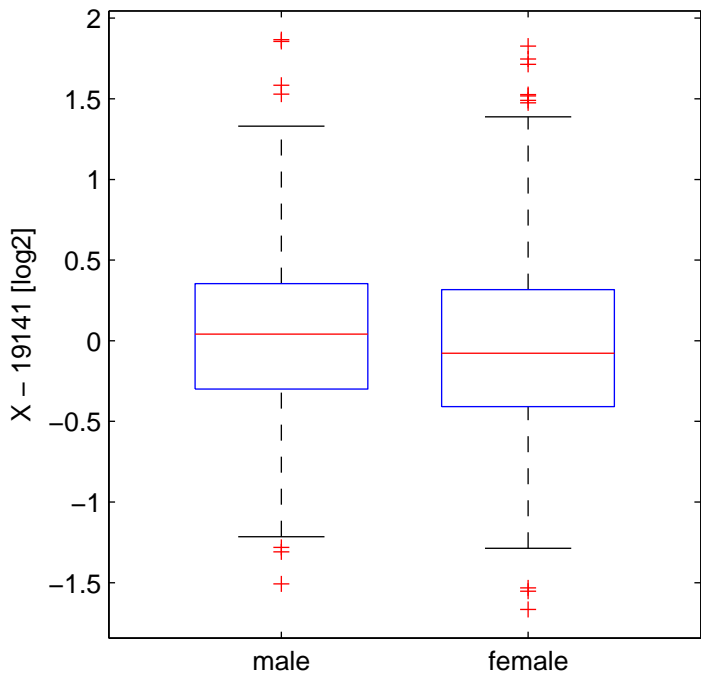
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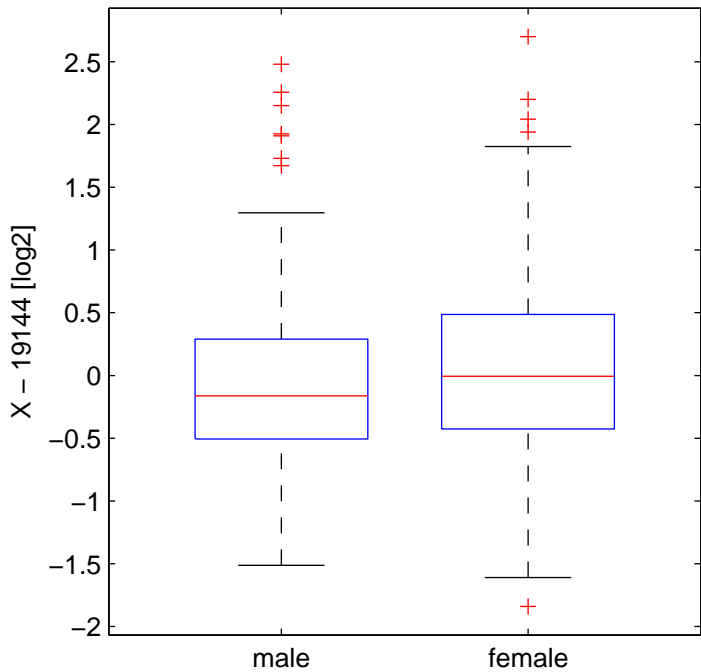
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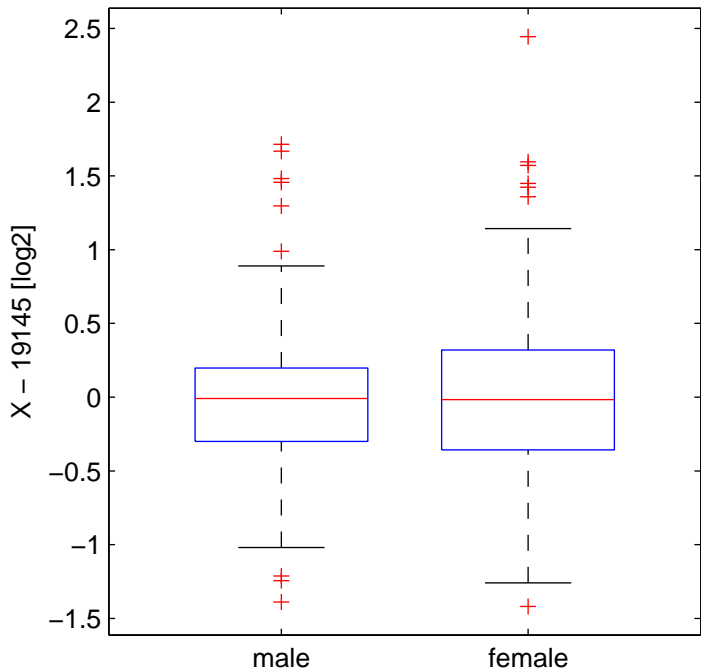
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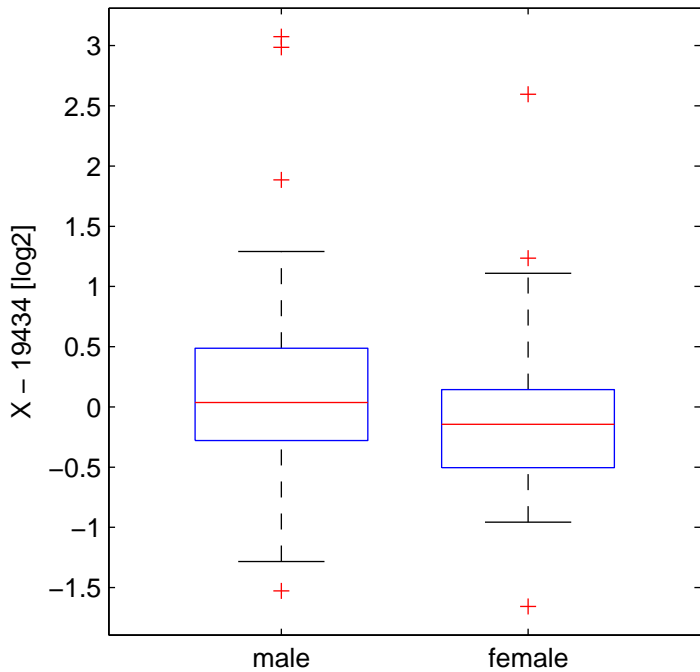
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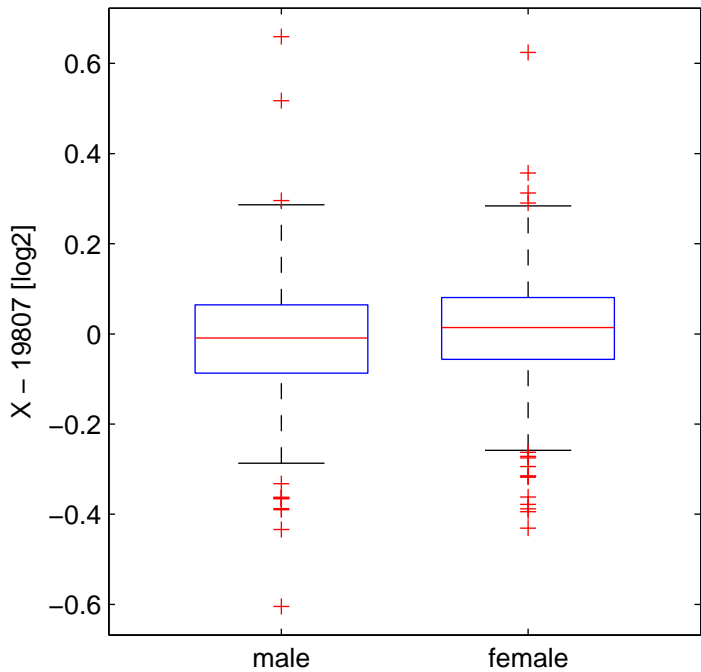
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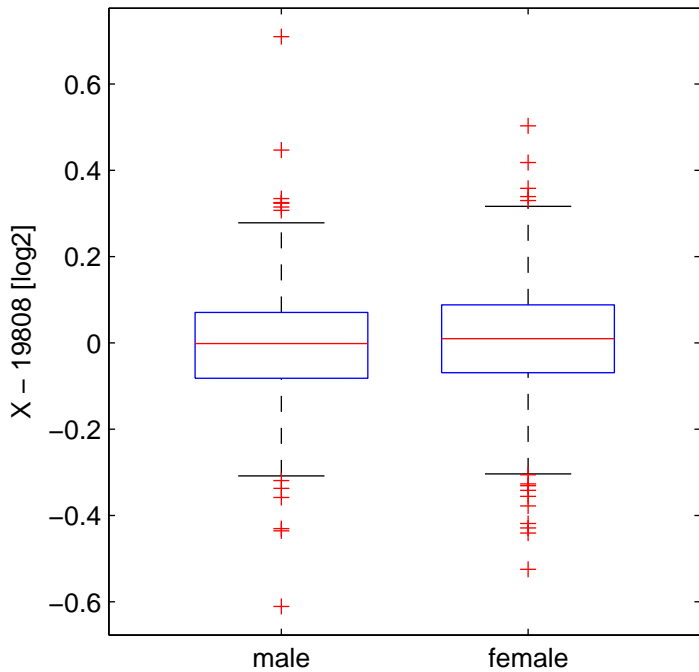
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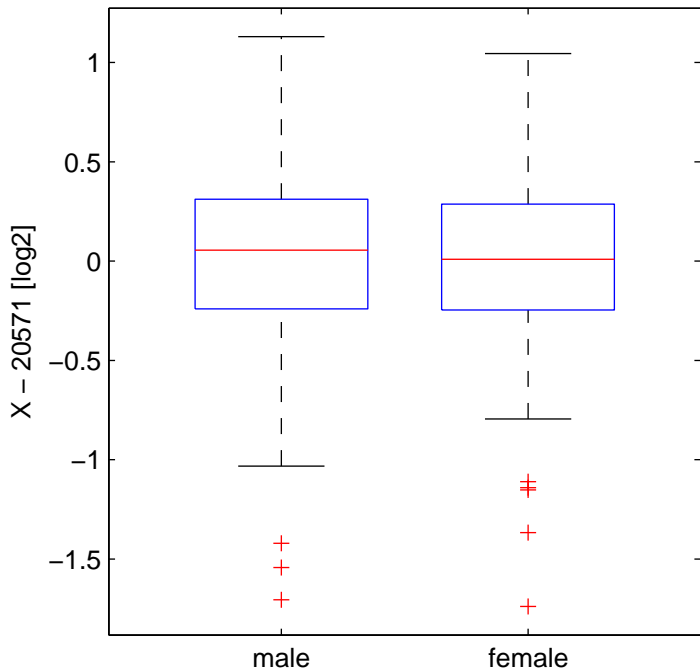
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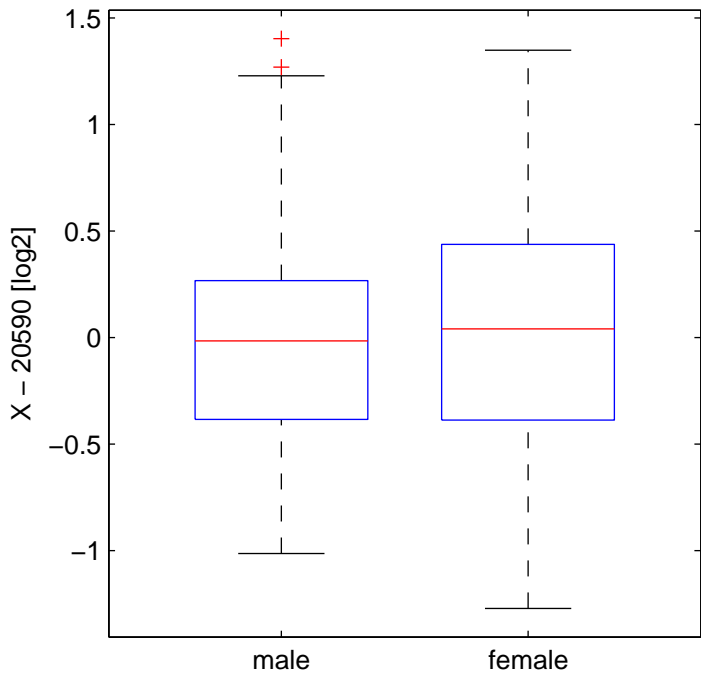
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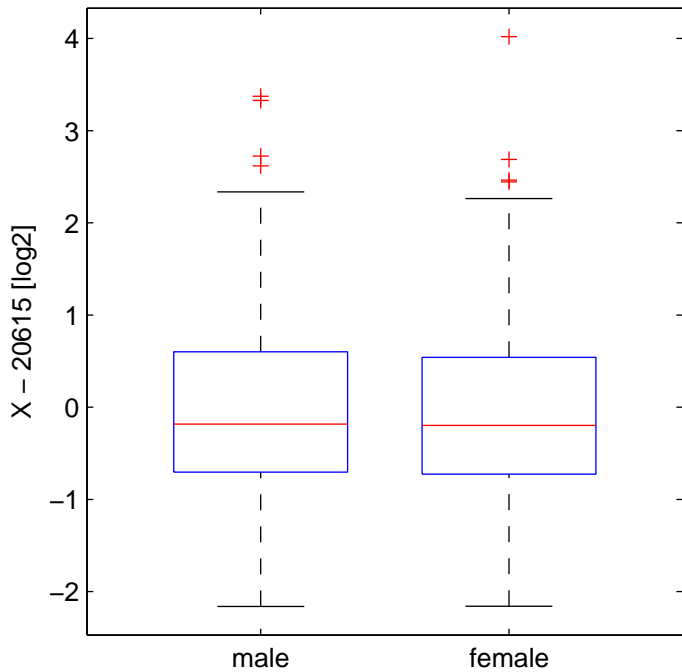
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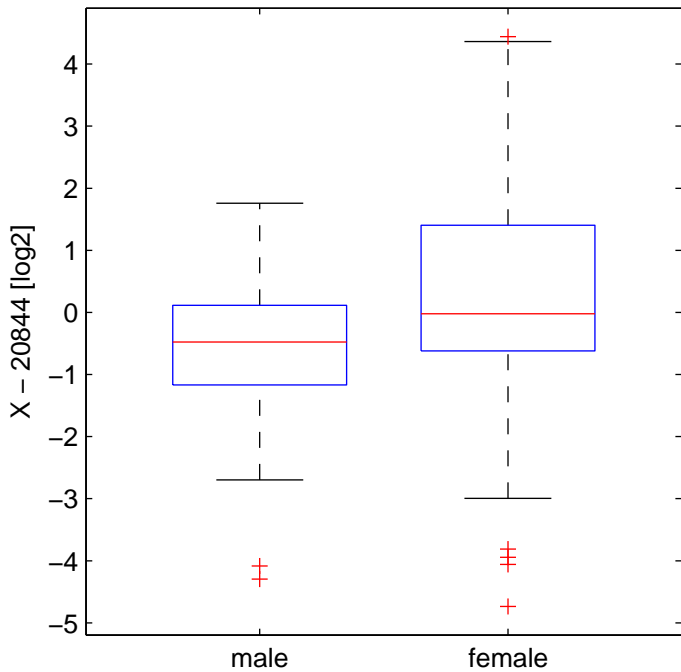
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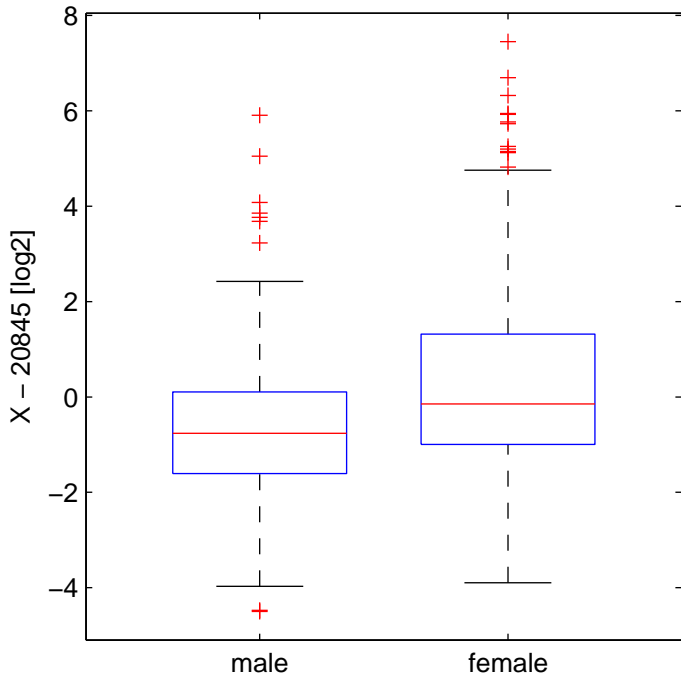
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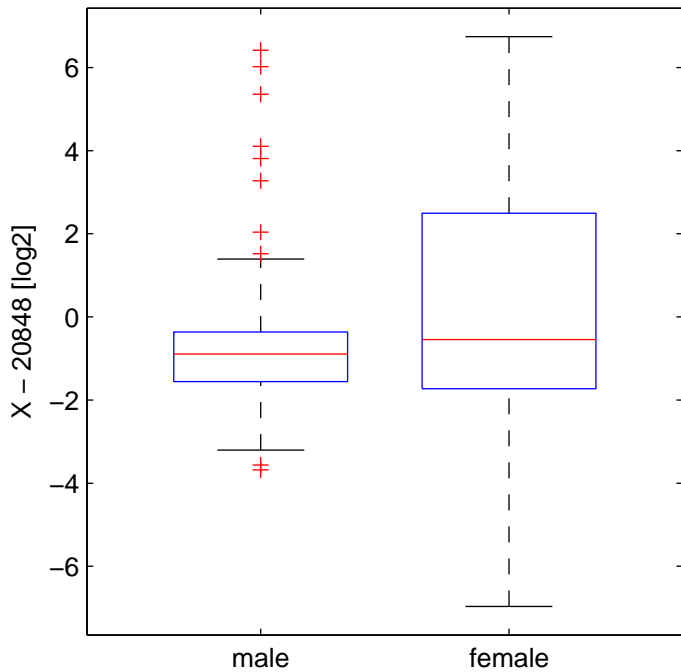
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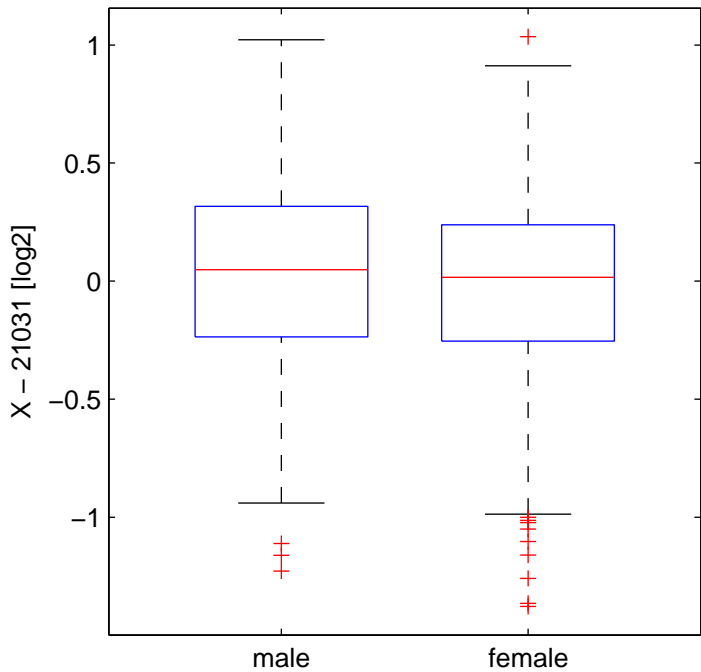
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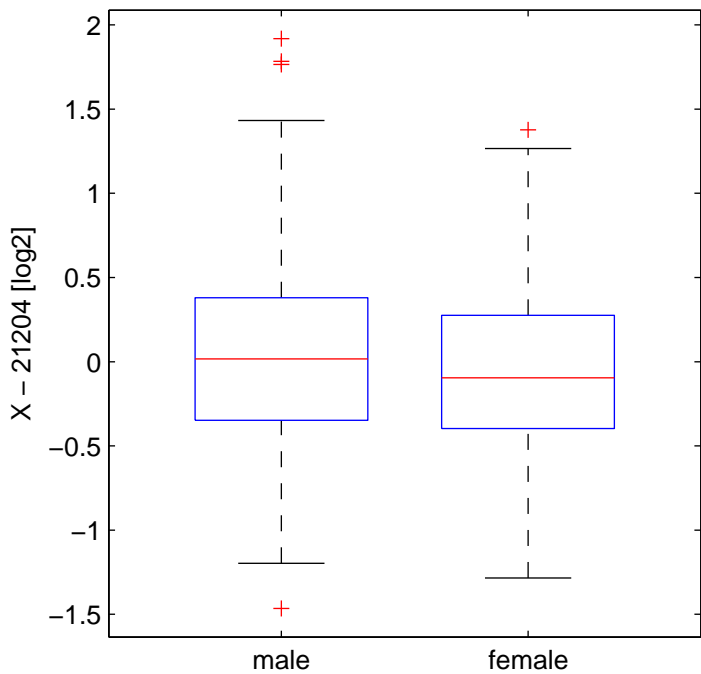
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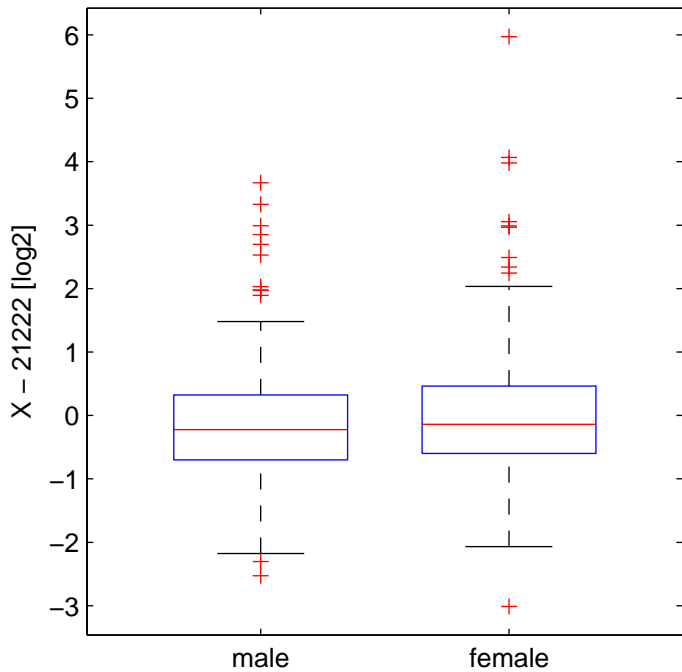
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p-val: 6.53e-002

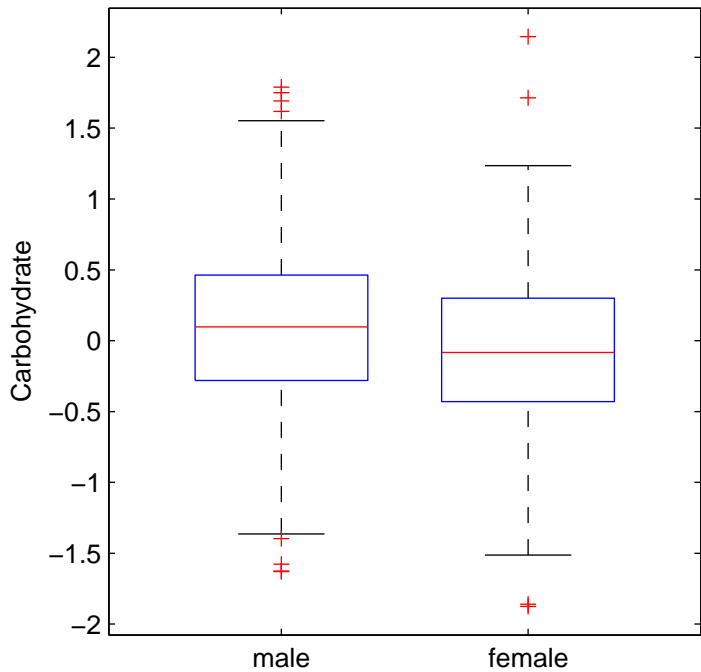


p-val: 2.46e-001

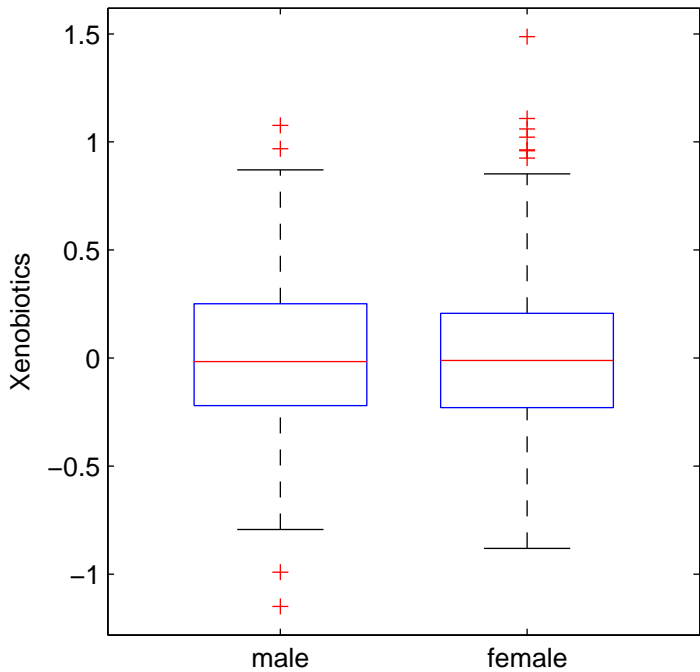


SHIP pathway boxplots

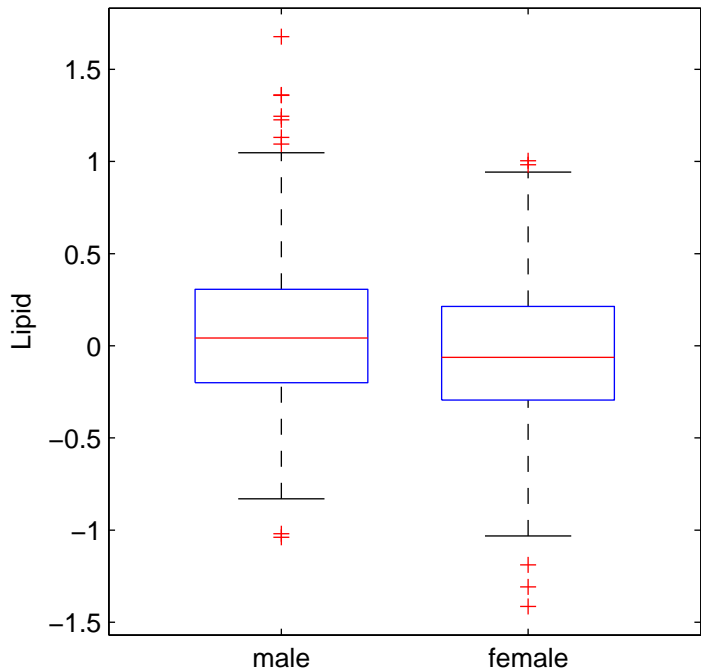
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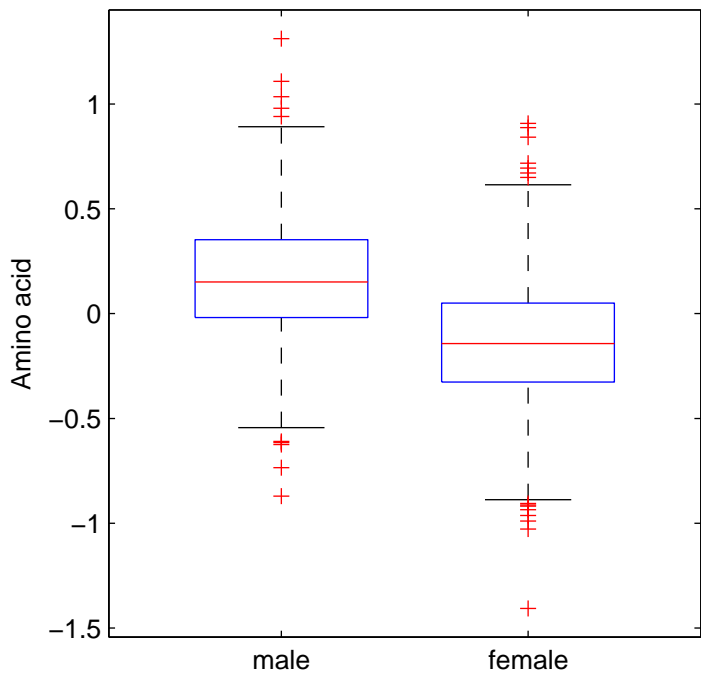
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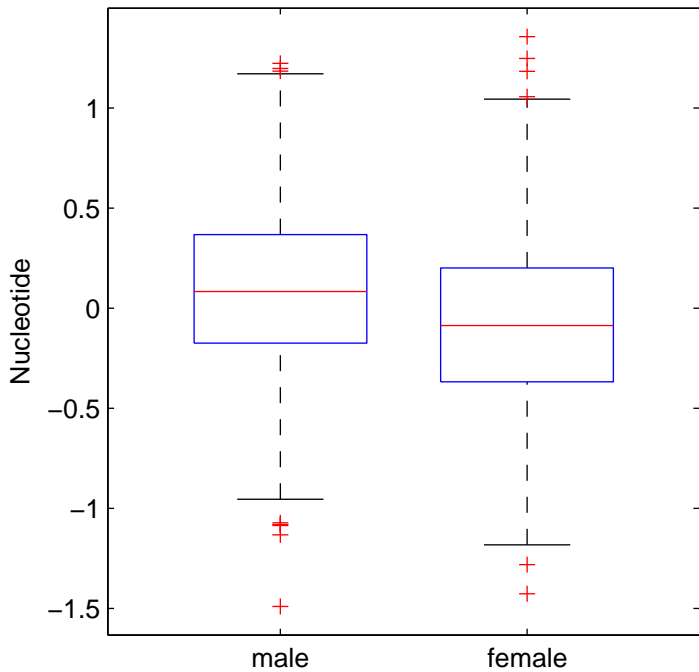
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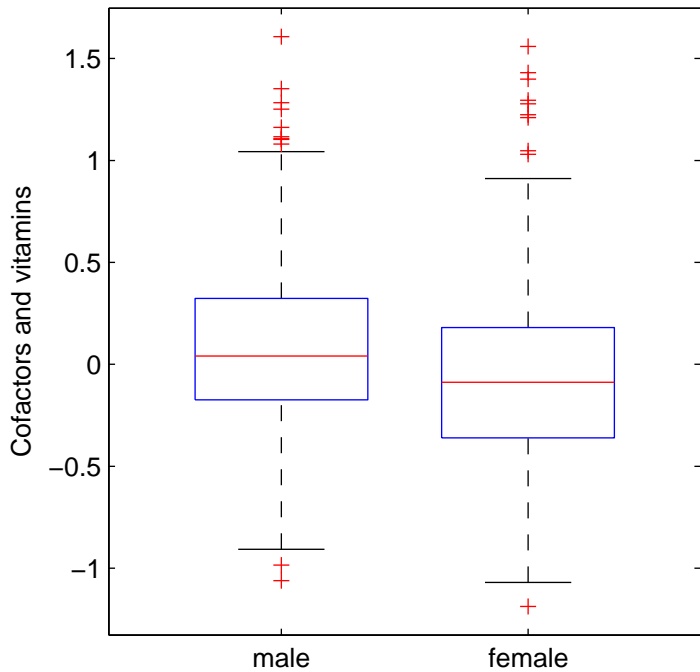
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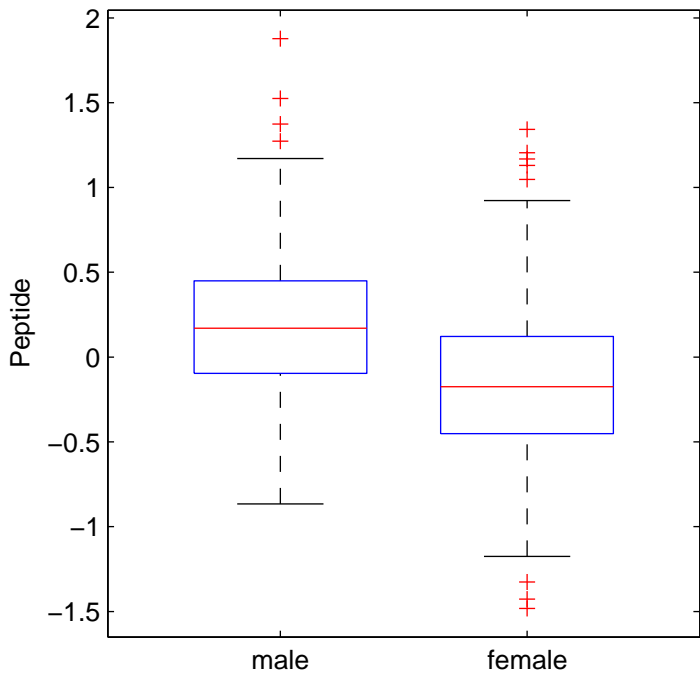
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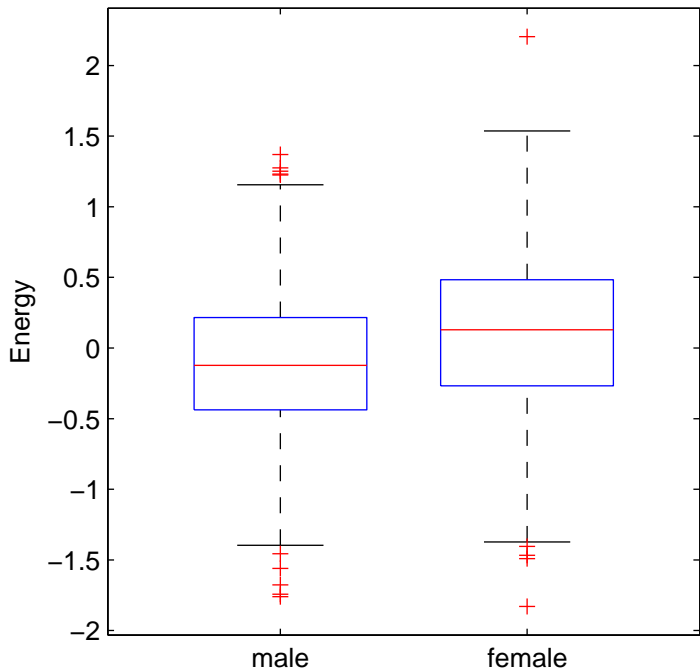
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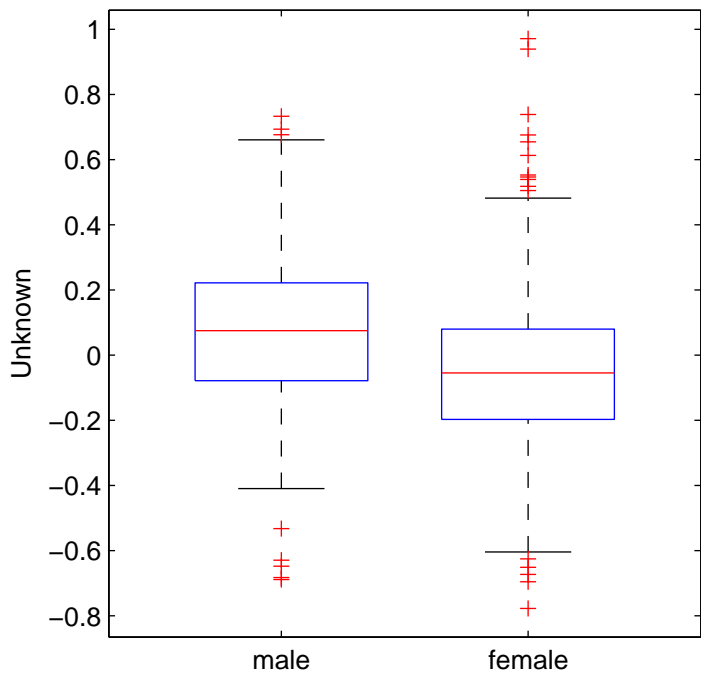
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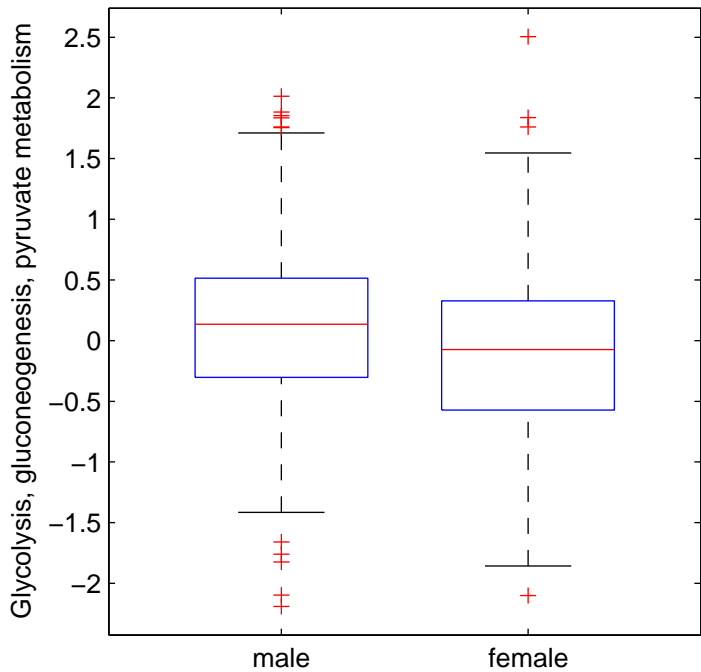
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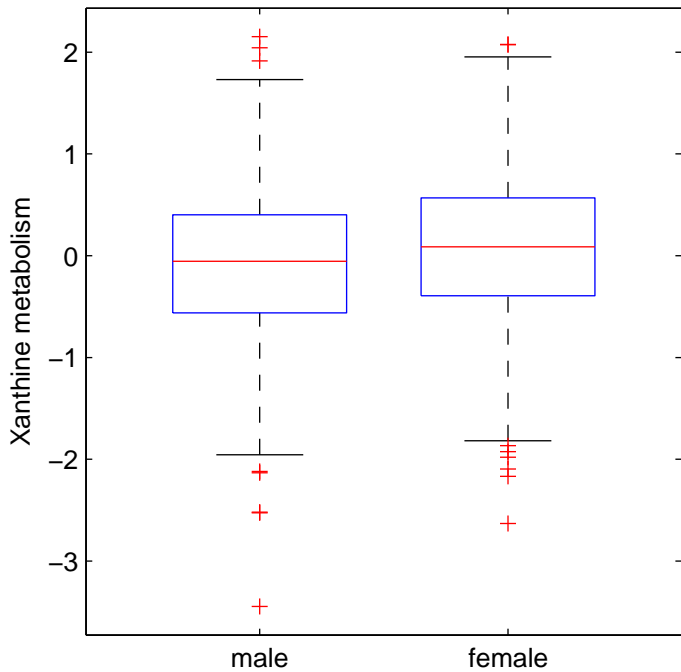
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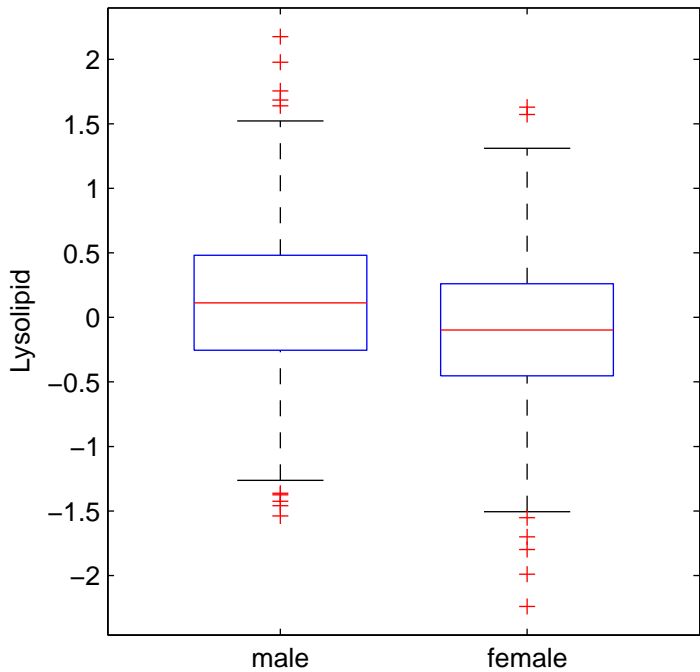
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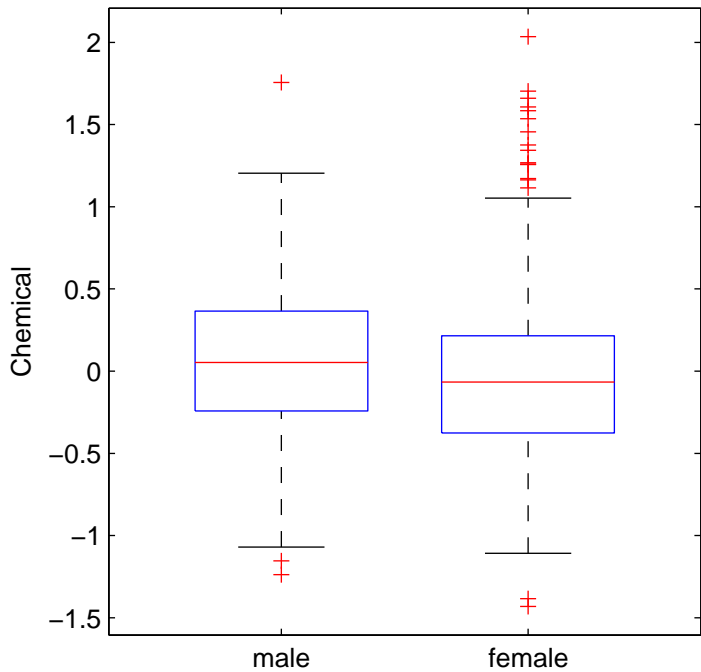
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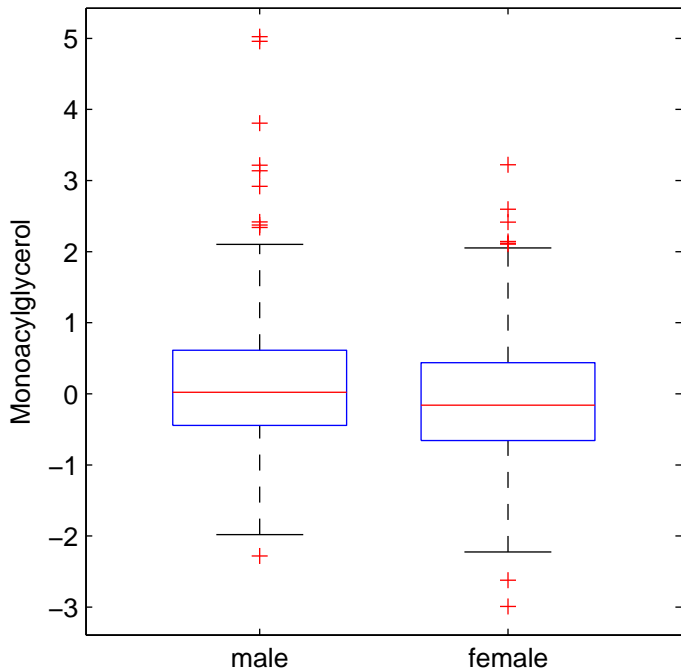
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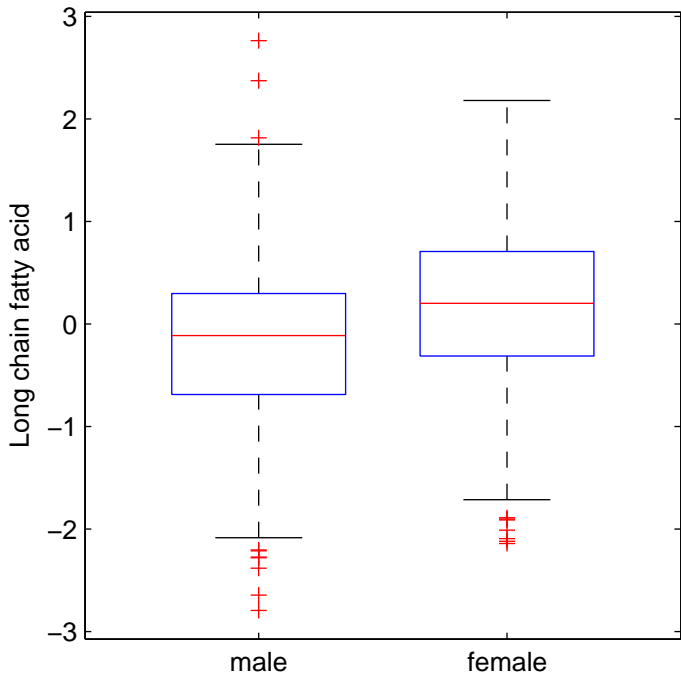
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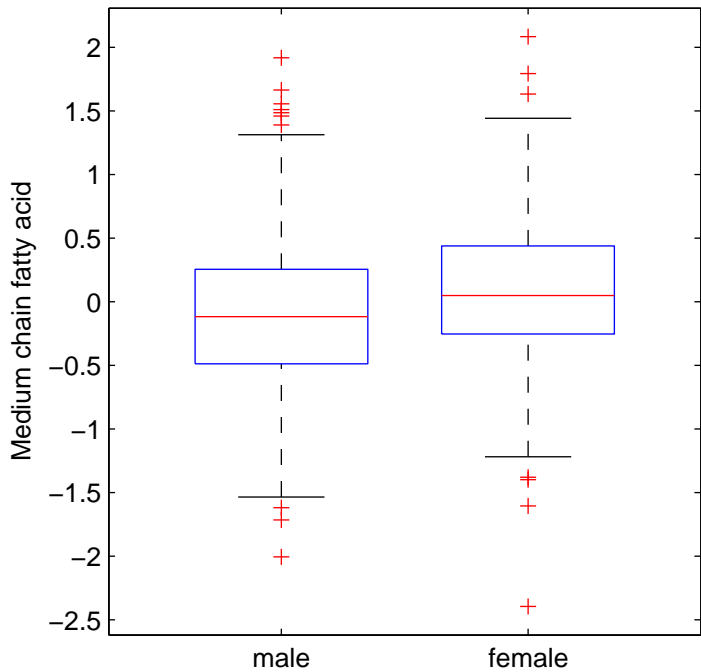
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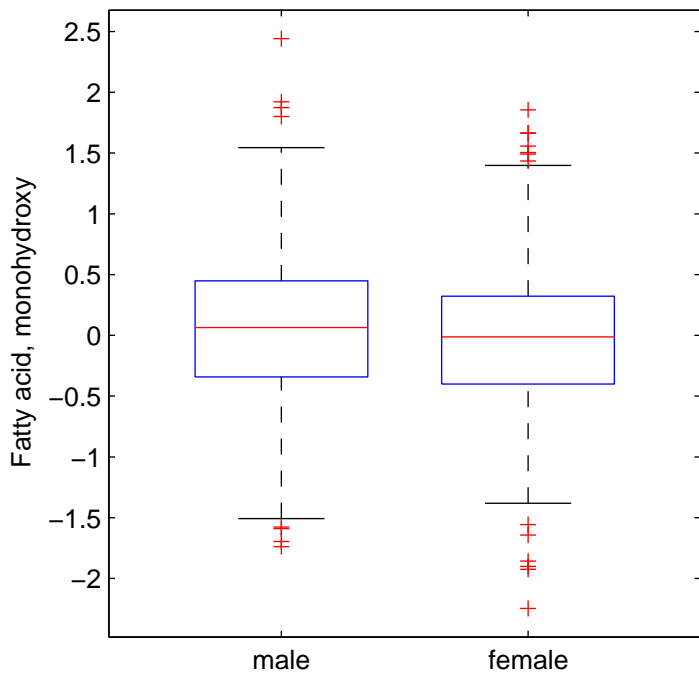
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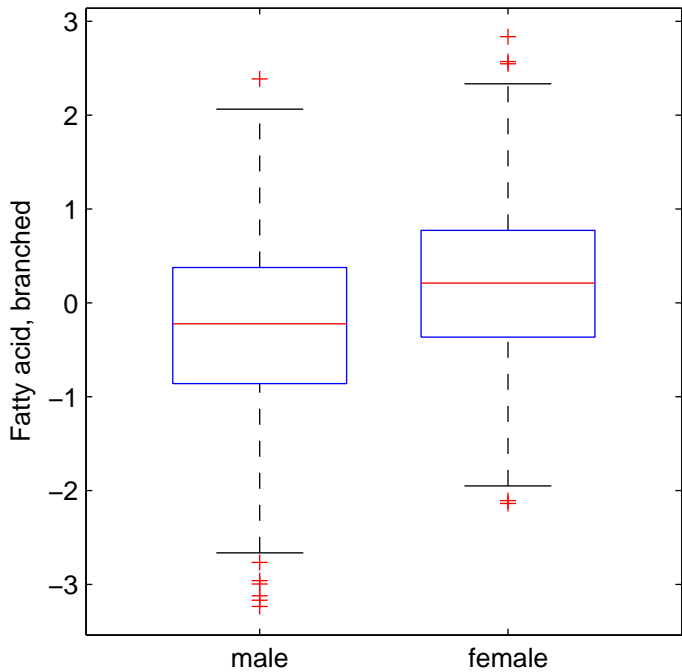
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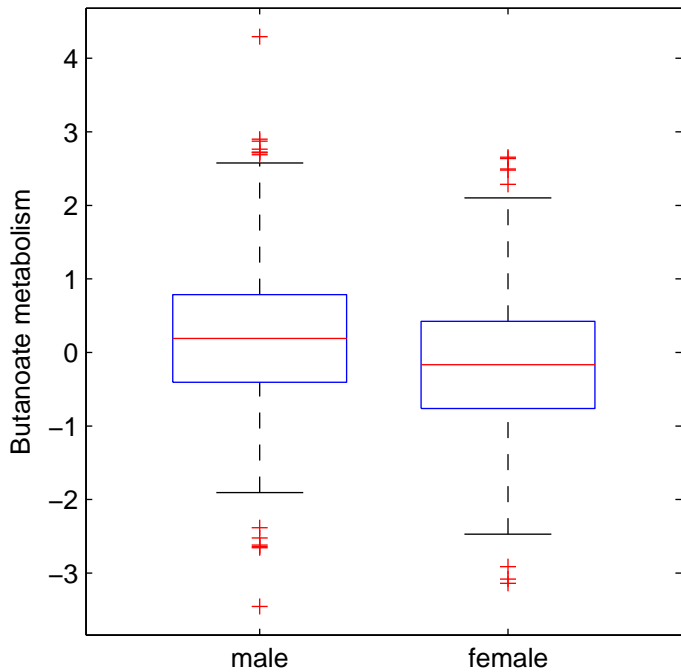
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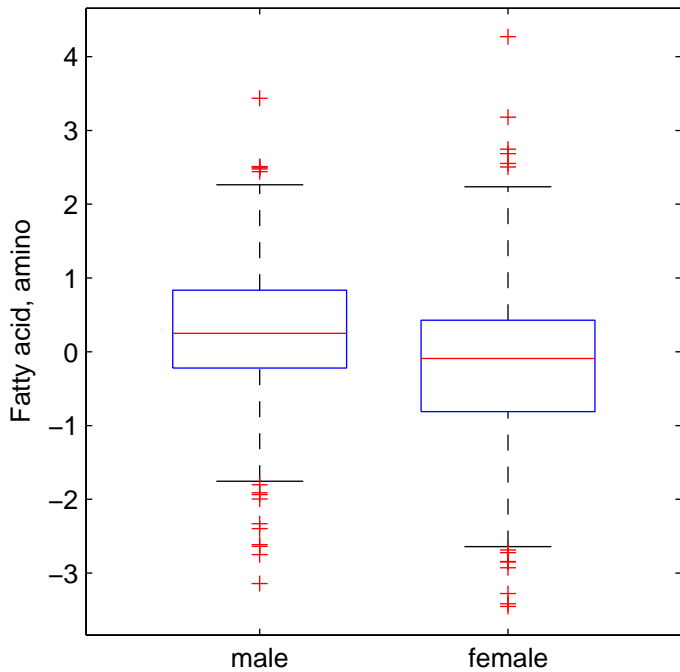
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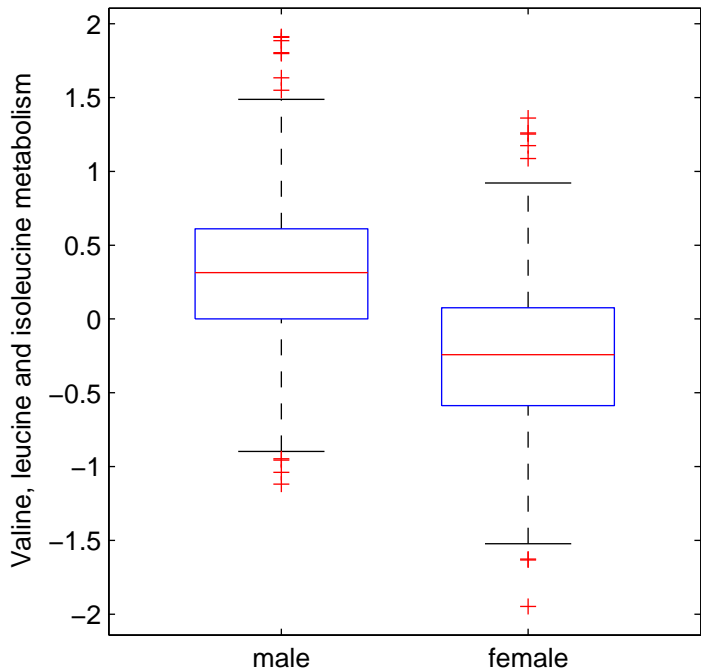
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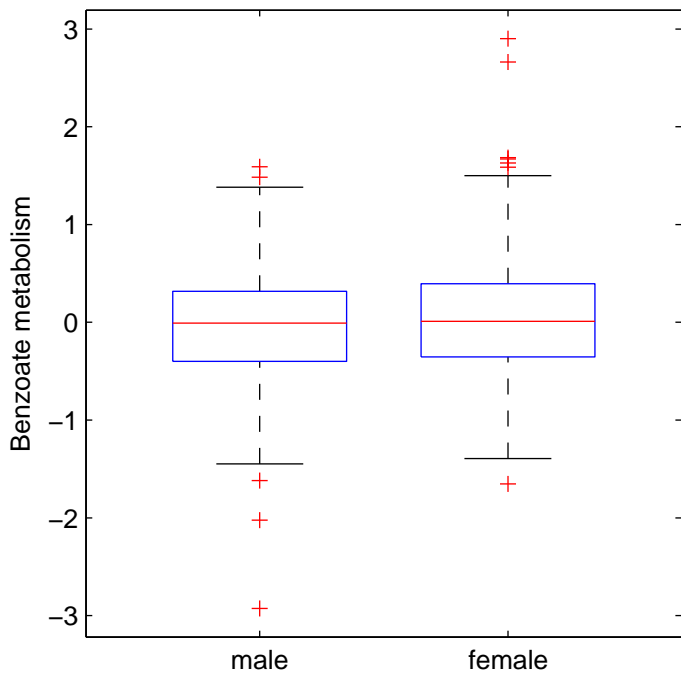
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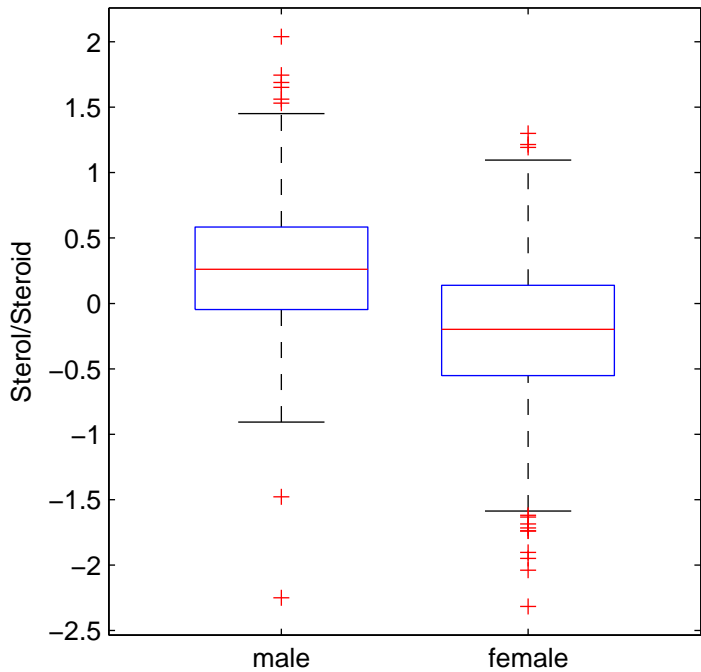
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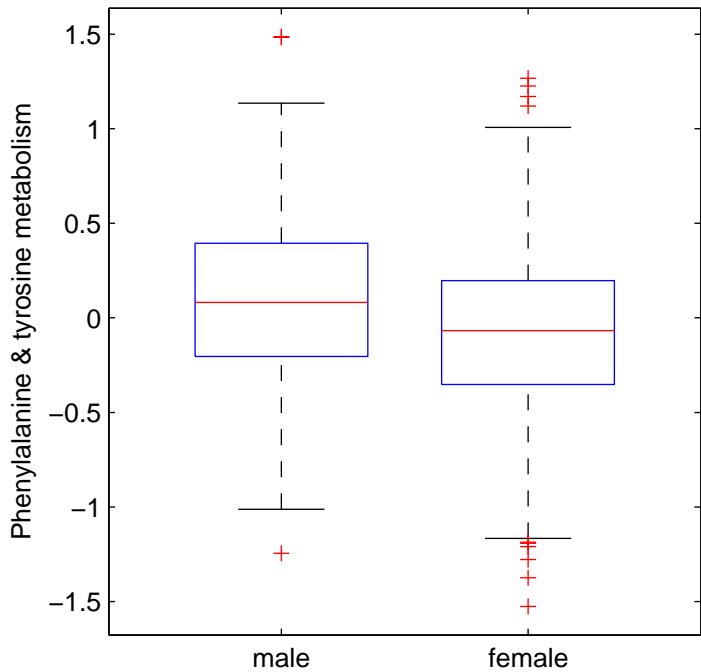
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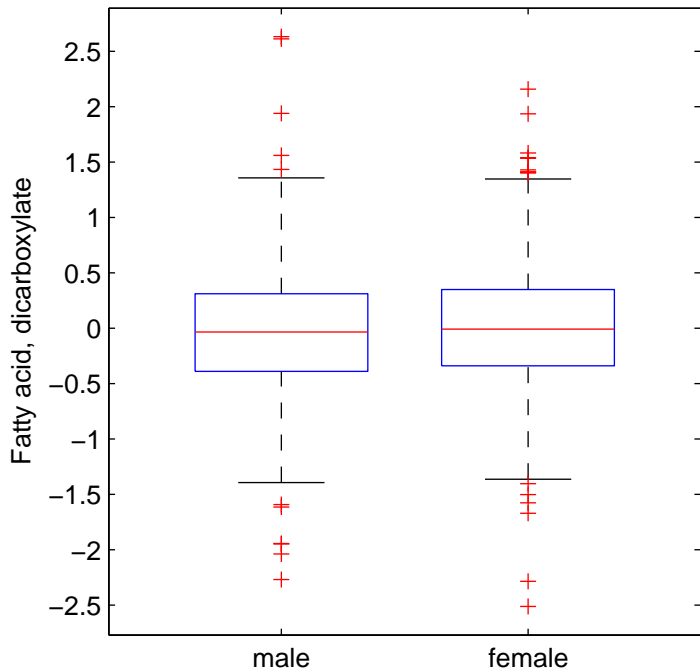
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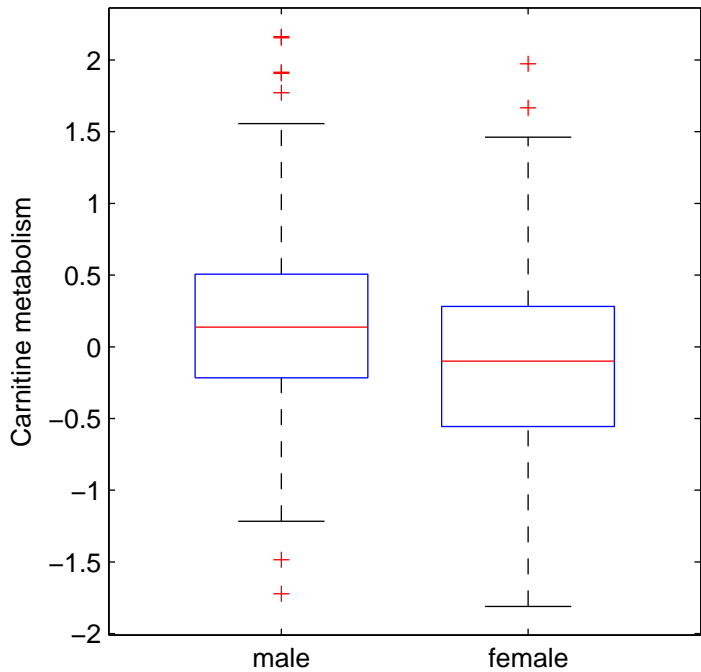
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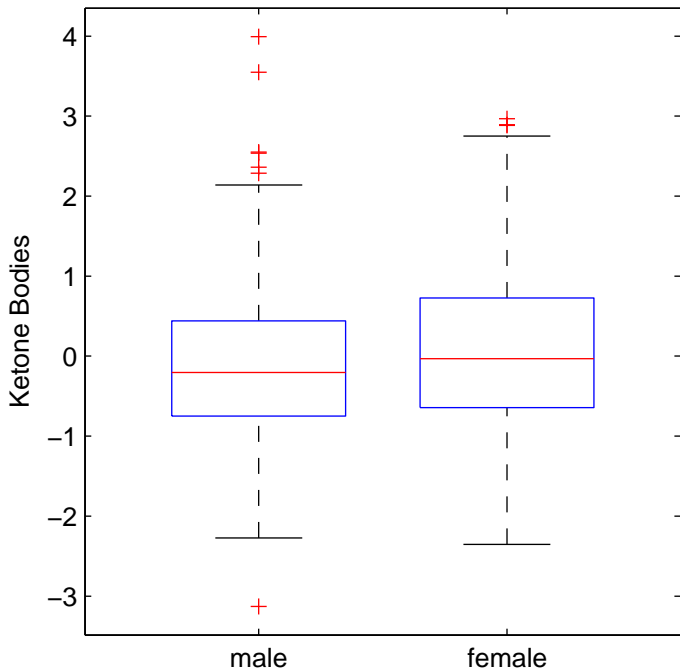
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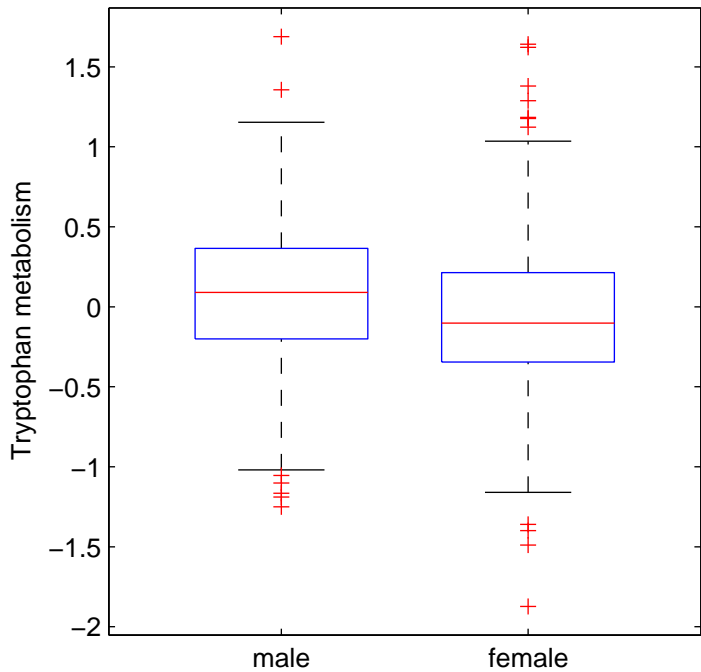
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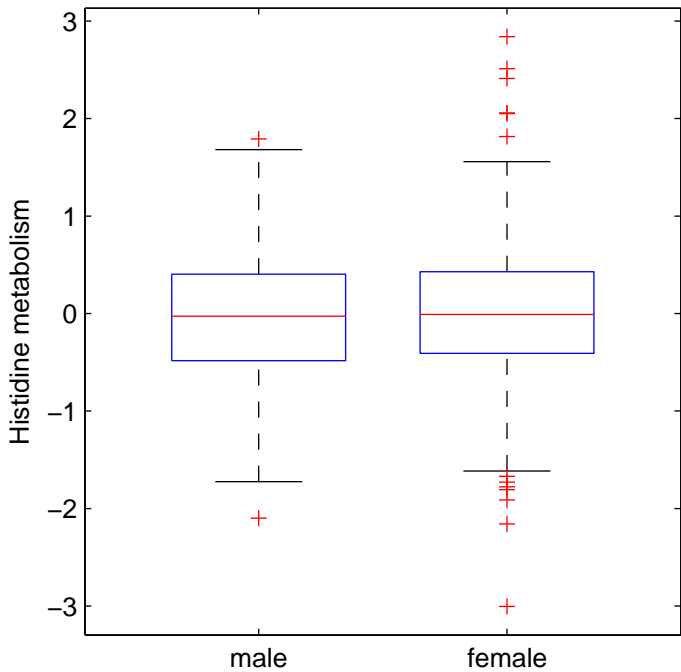
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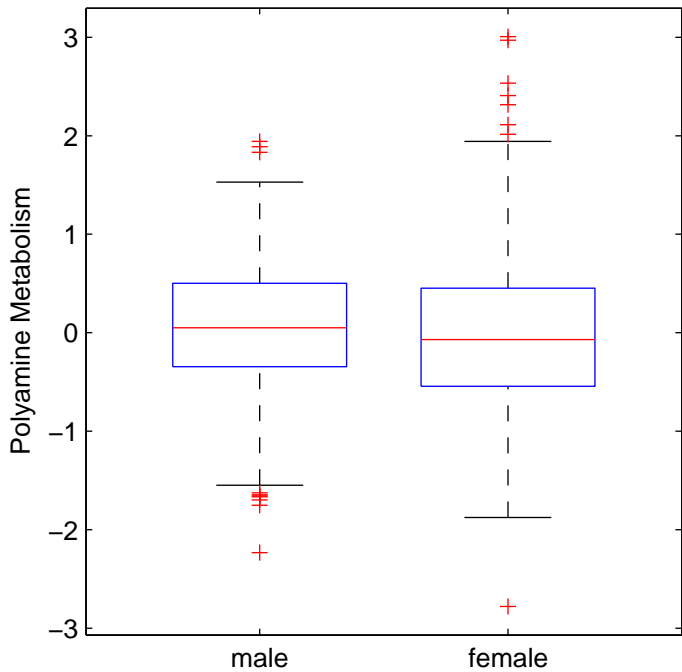
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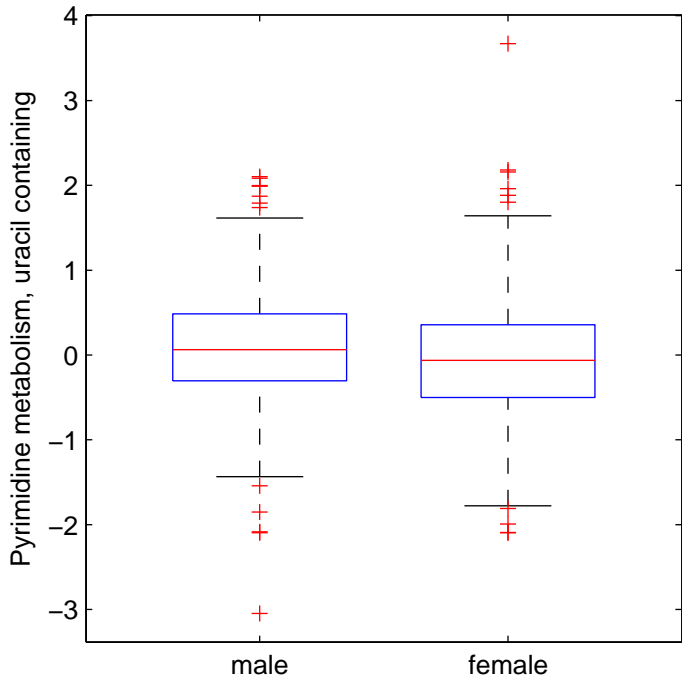
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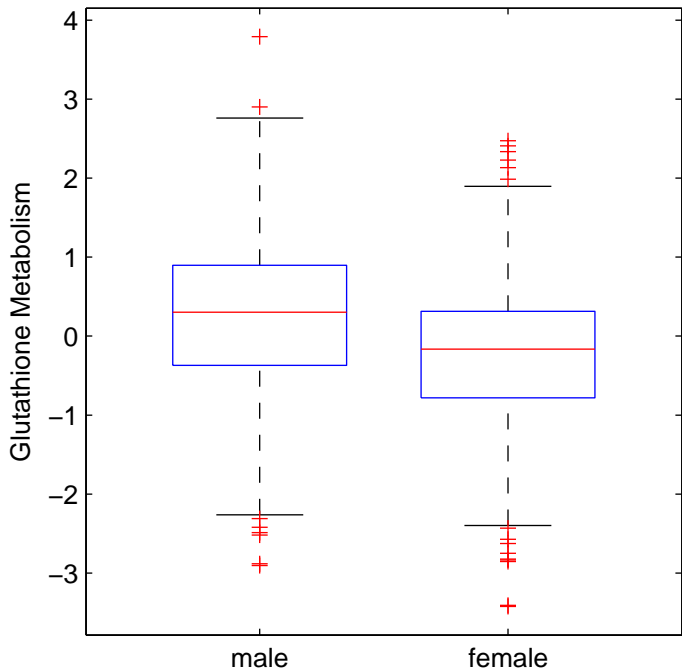
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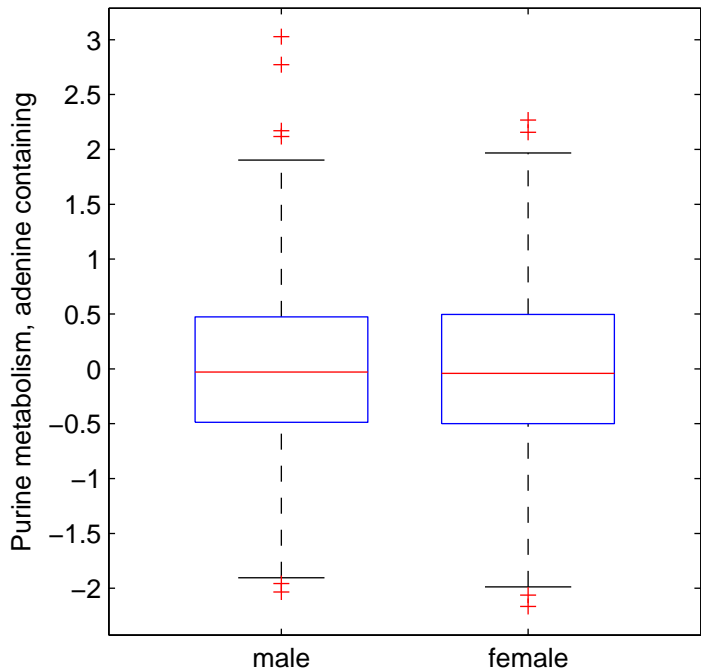
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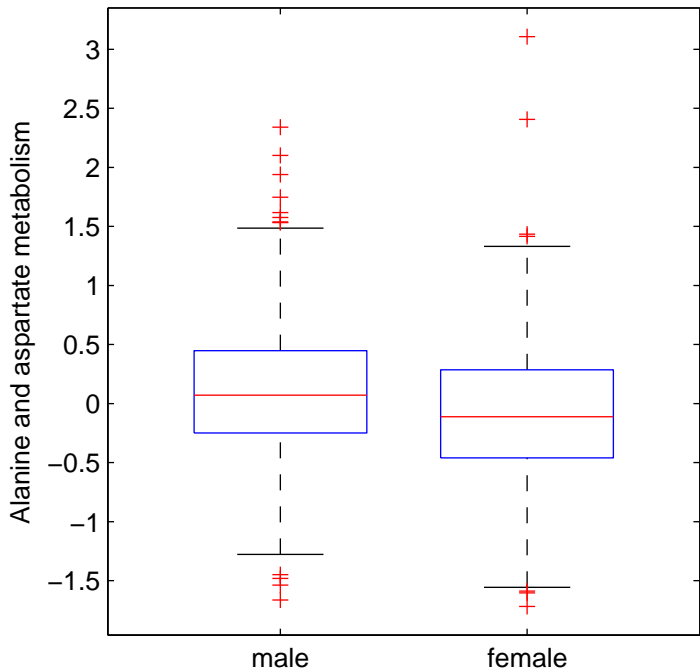
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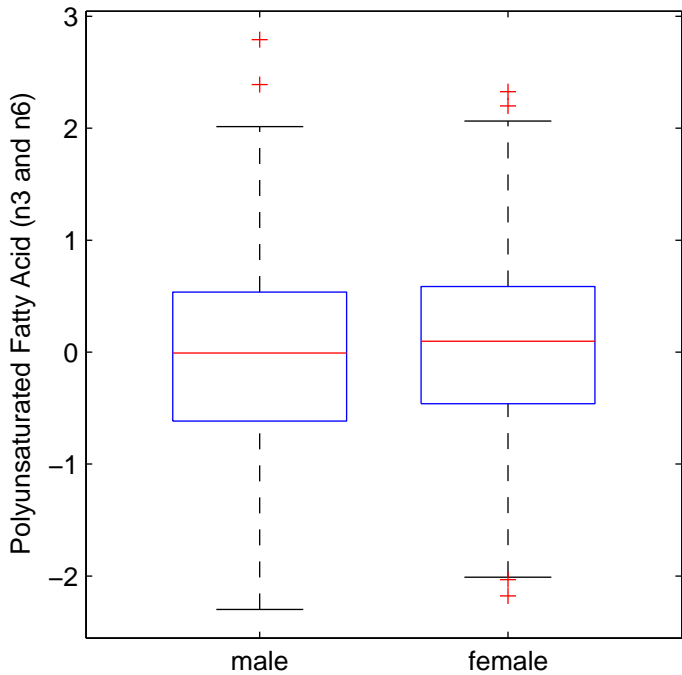
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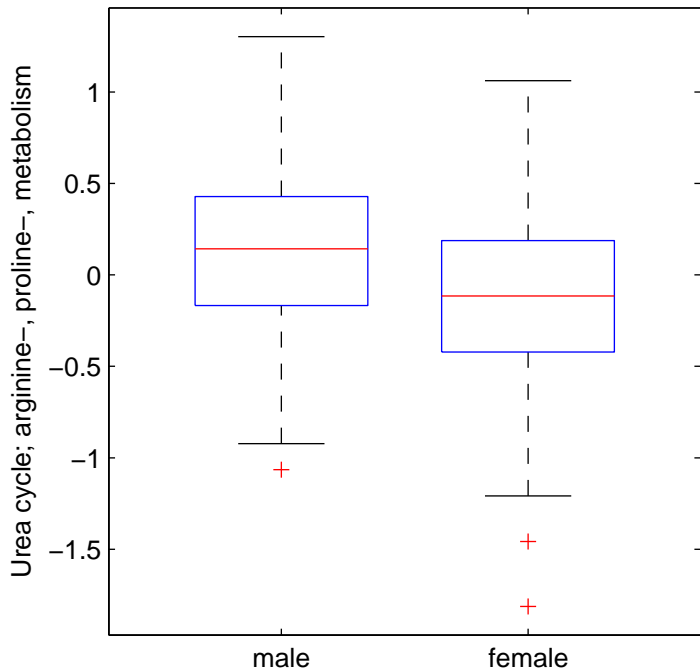
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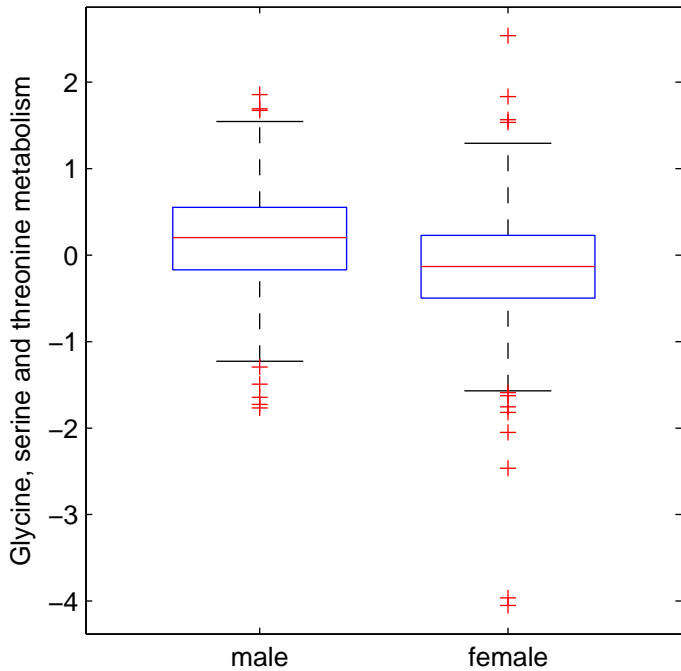
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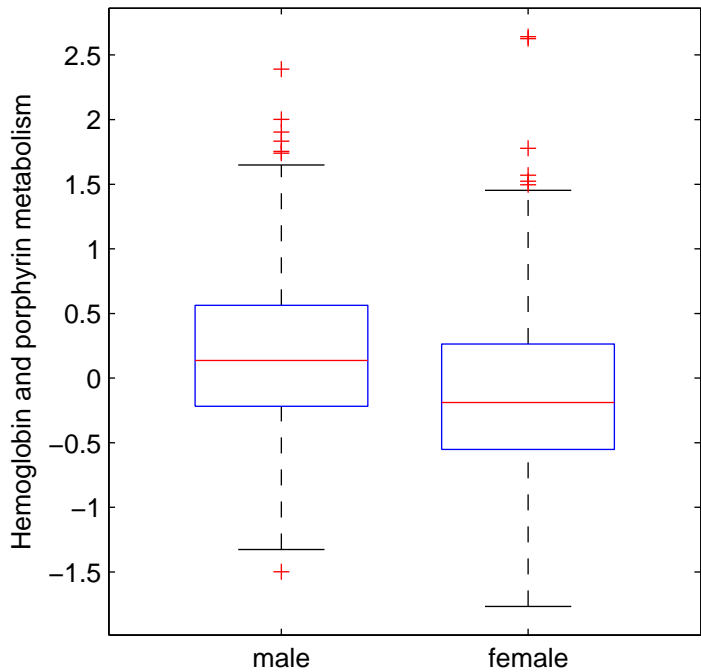
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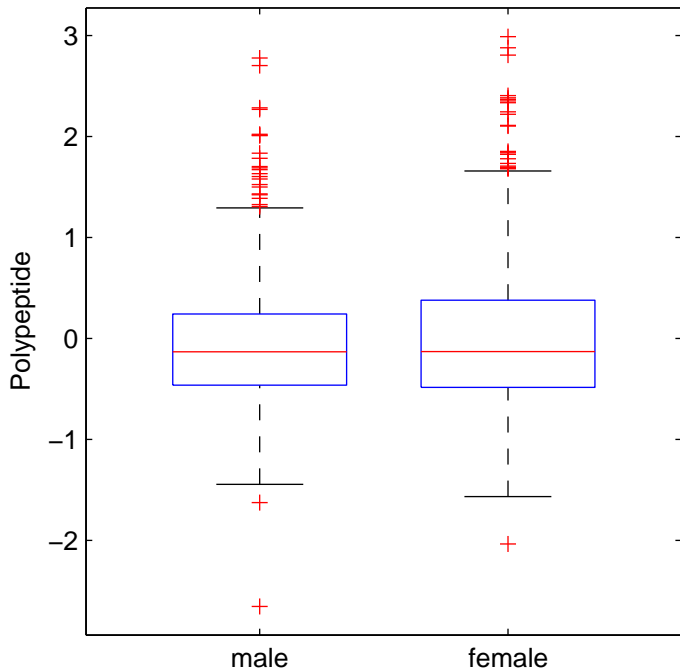
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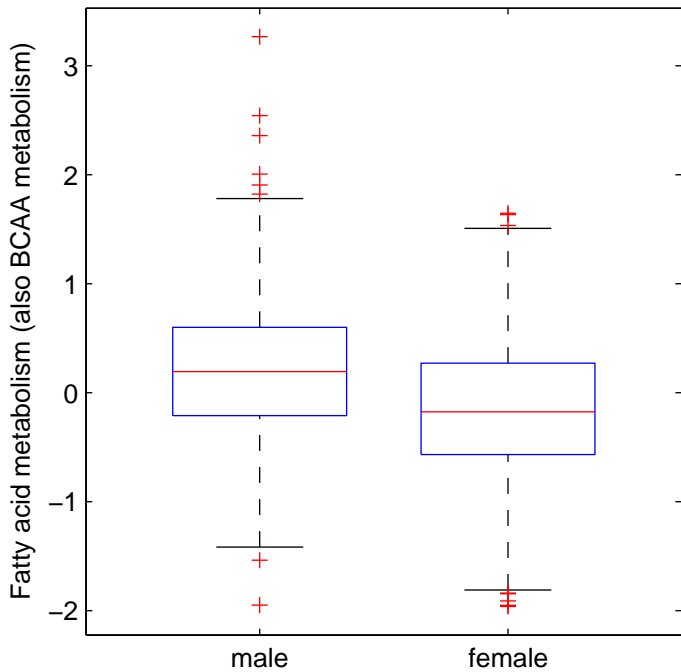
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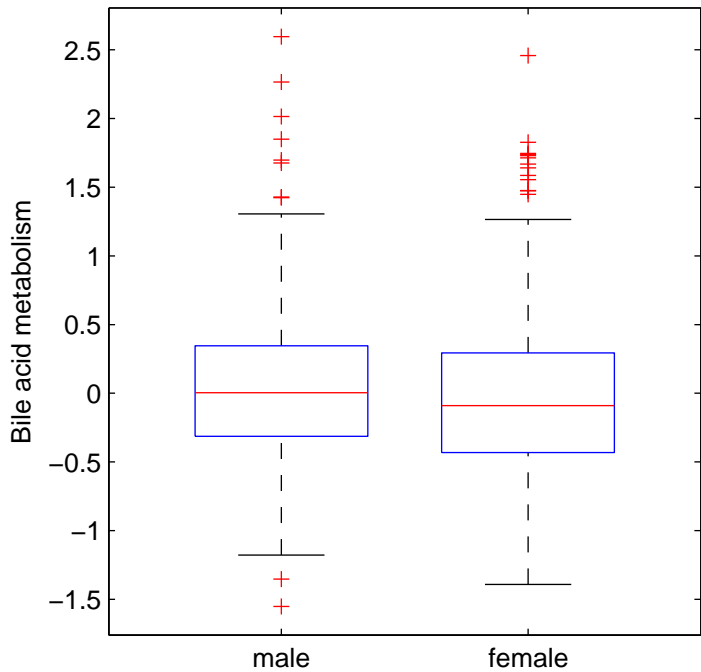
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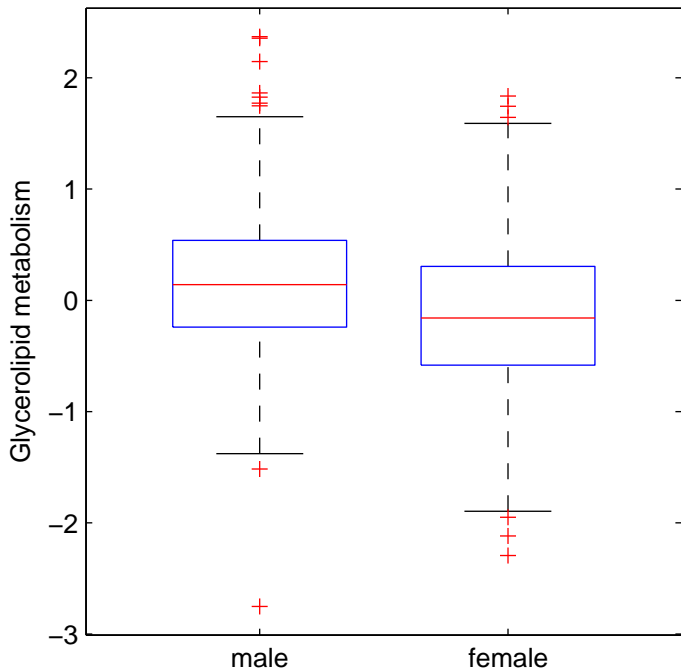
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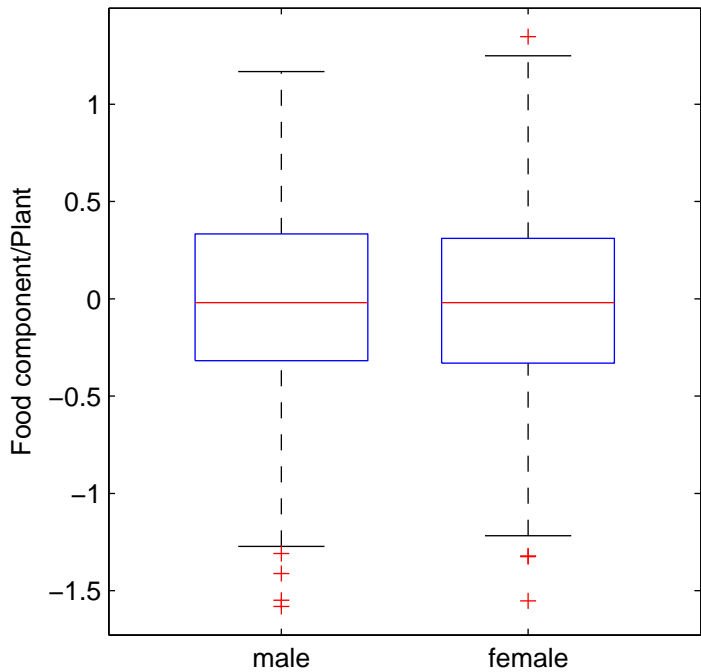
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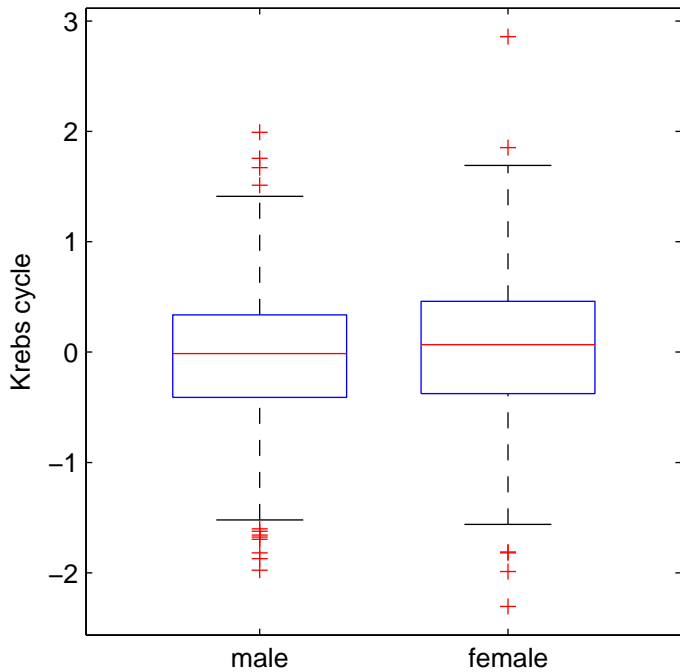
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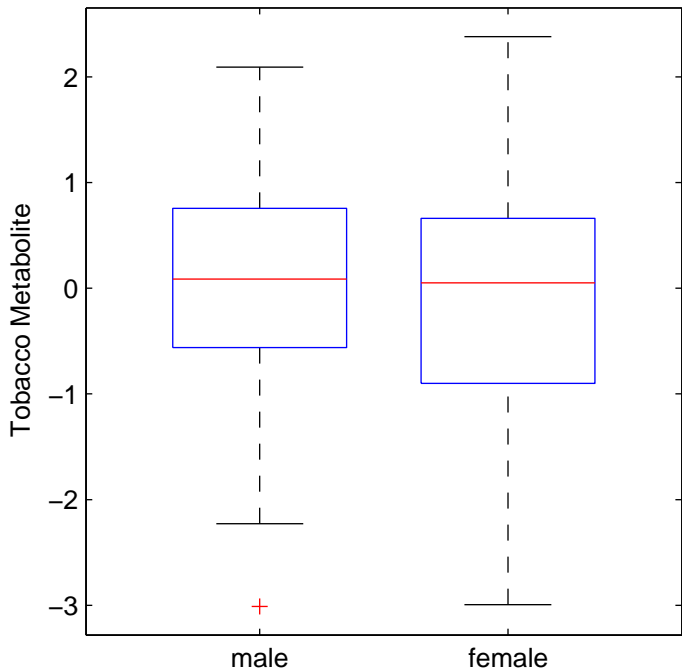
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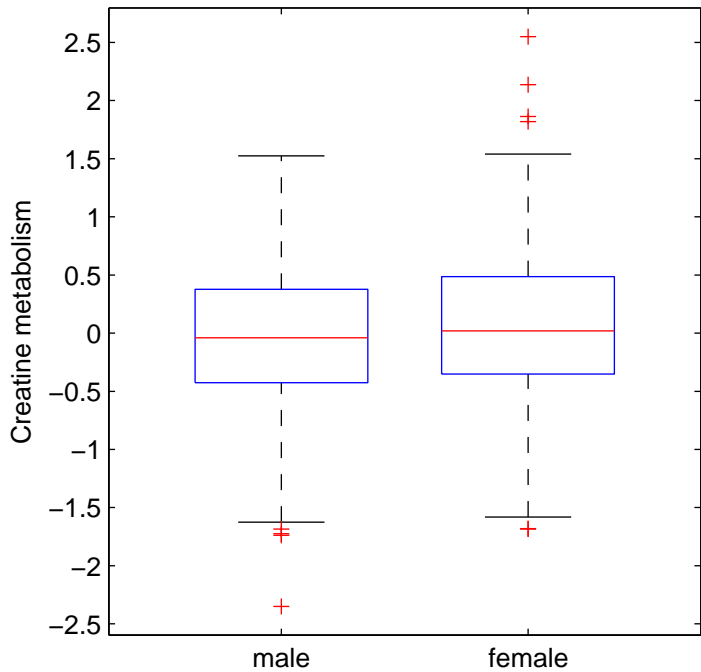
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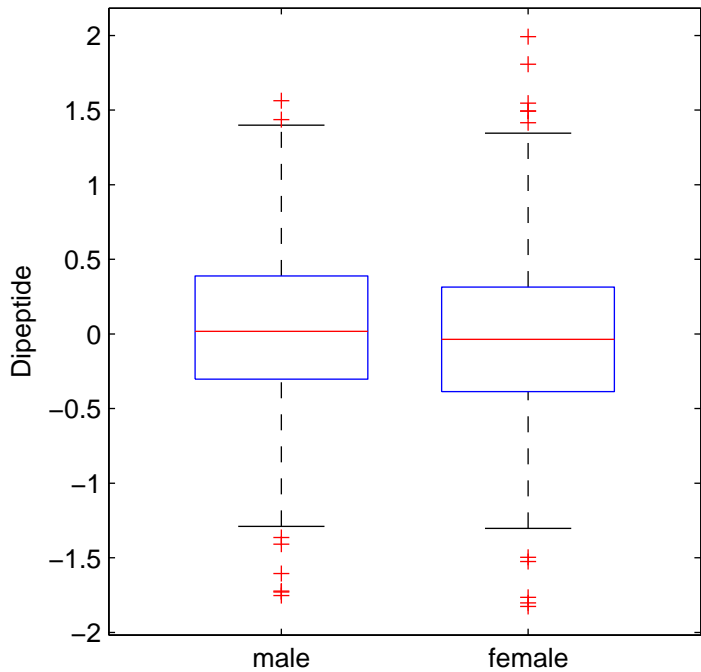
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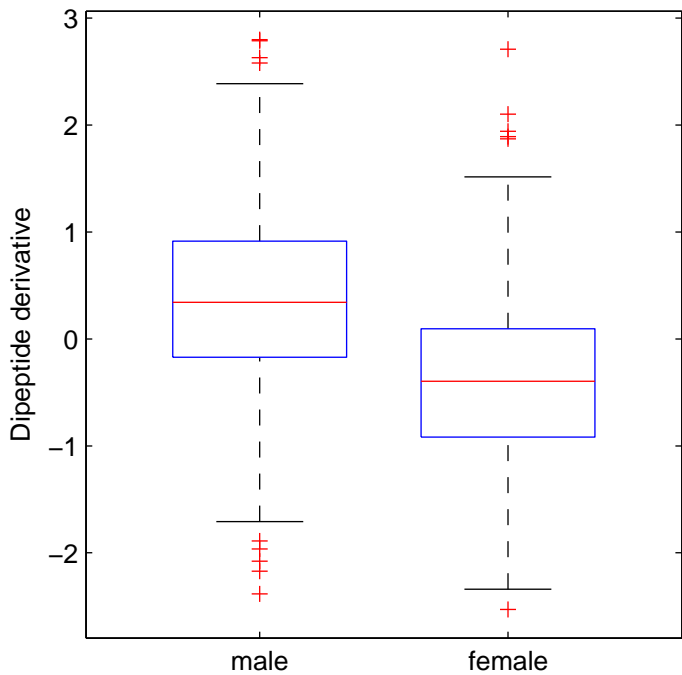
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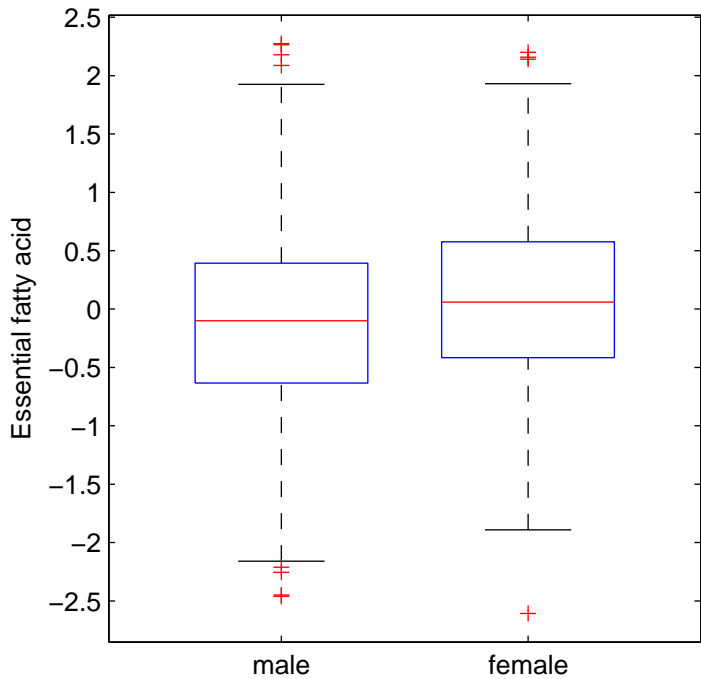
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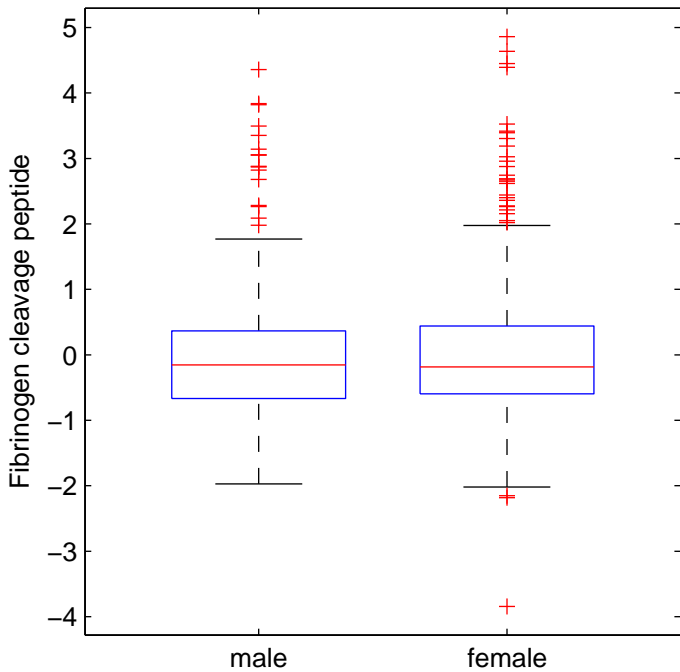
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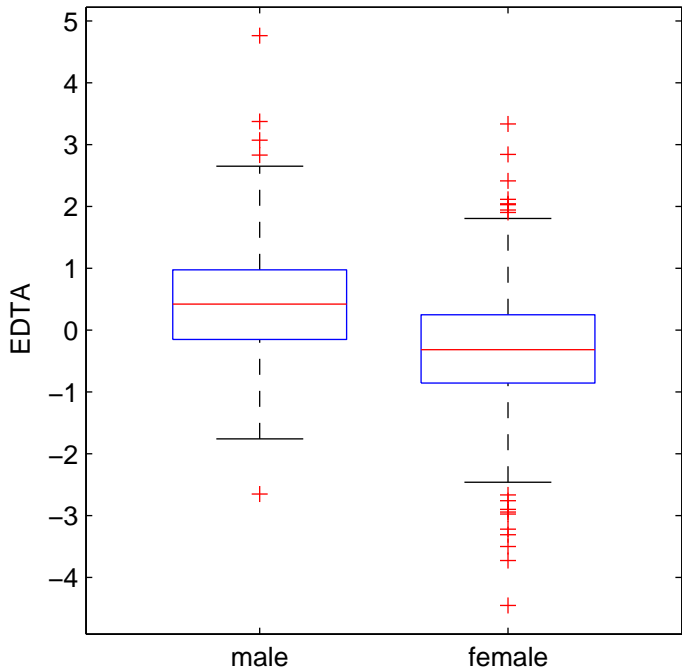
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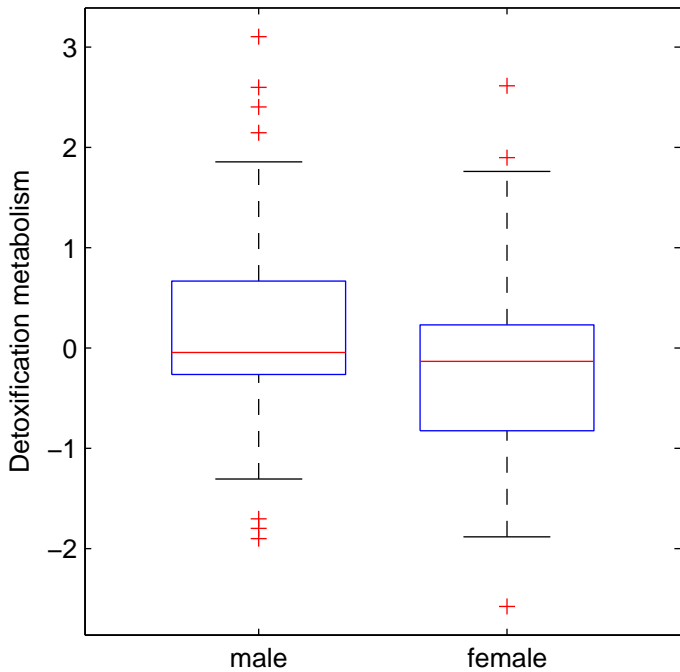
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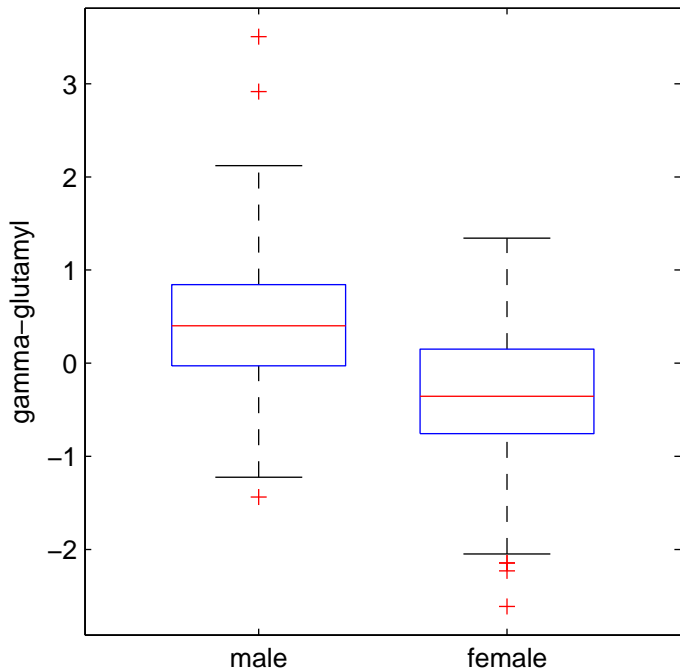
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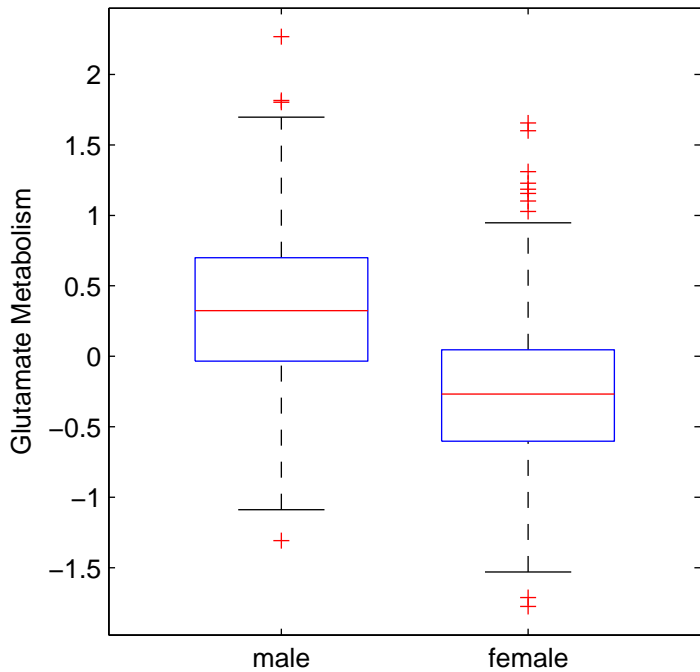
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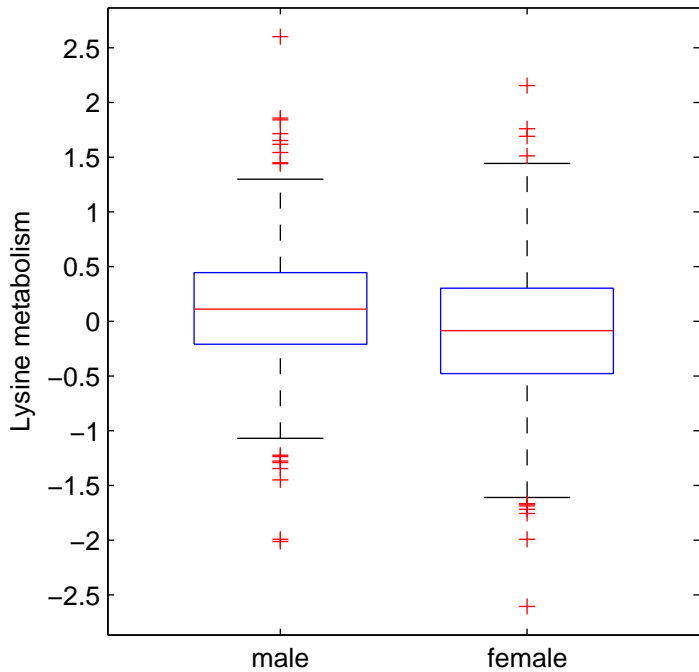
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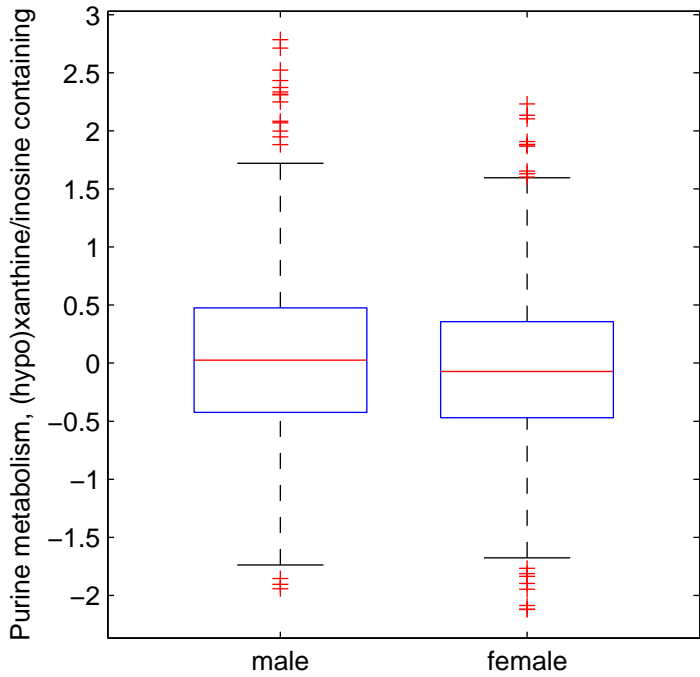
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p-val: 1.06e-008

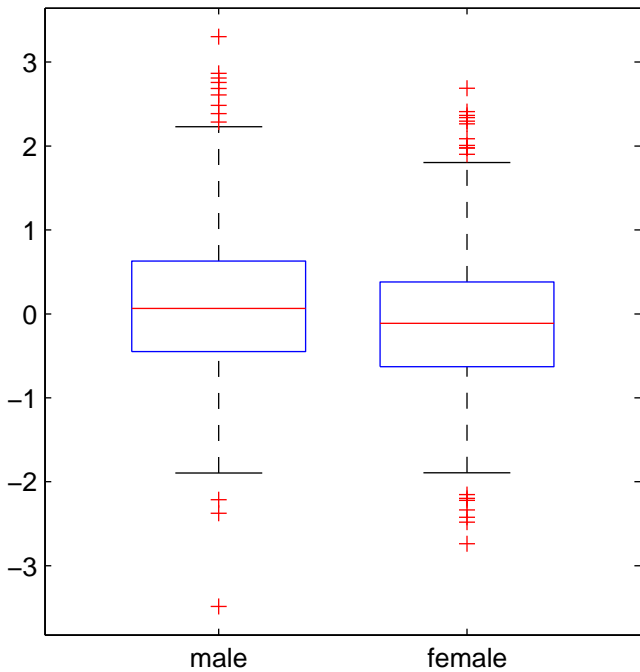


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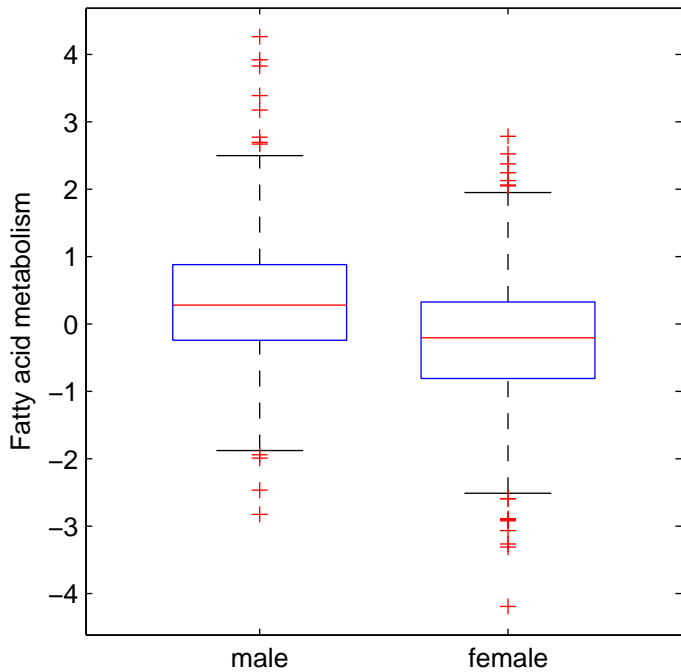


Fructose, mannose, galactose, starch, and sucrose metabolism

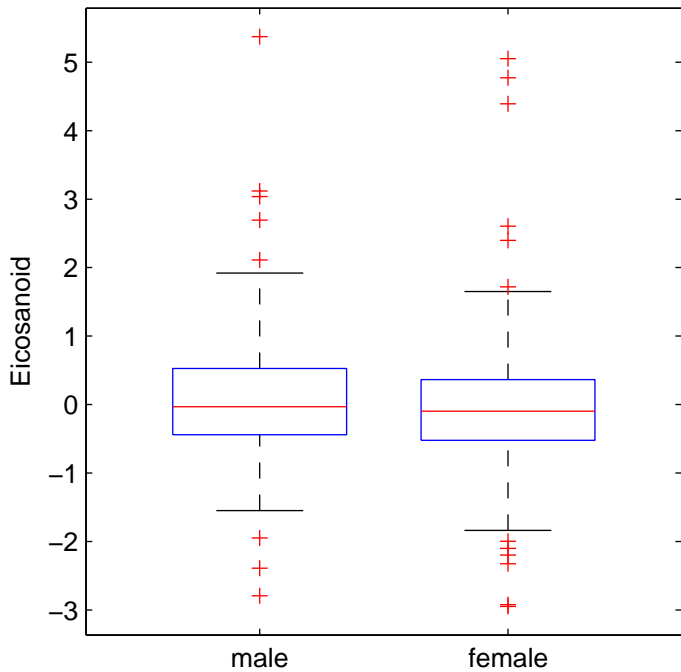
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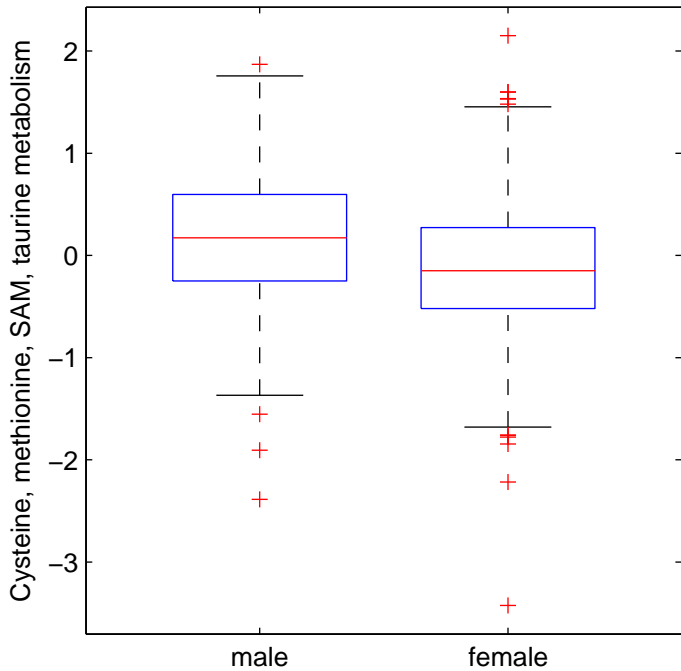
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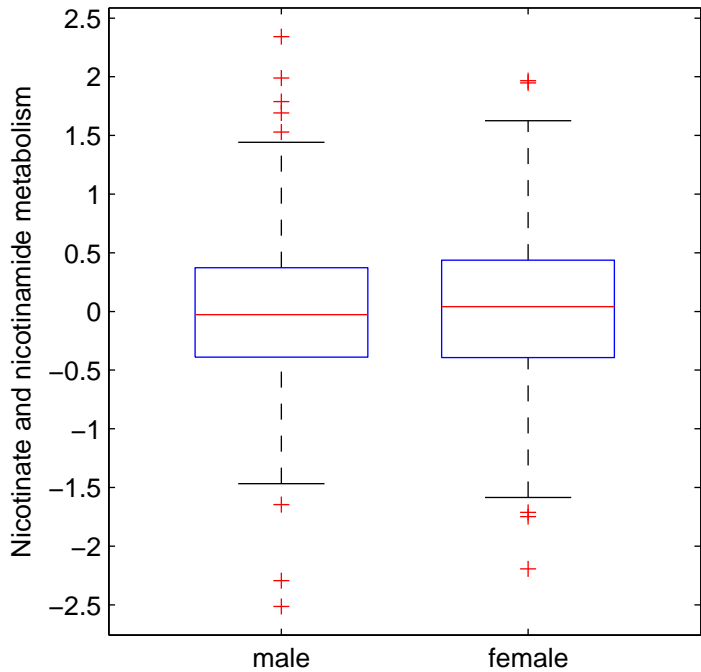
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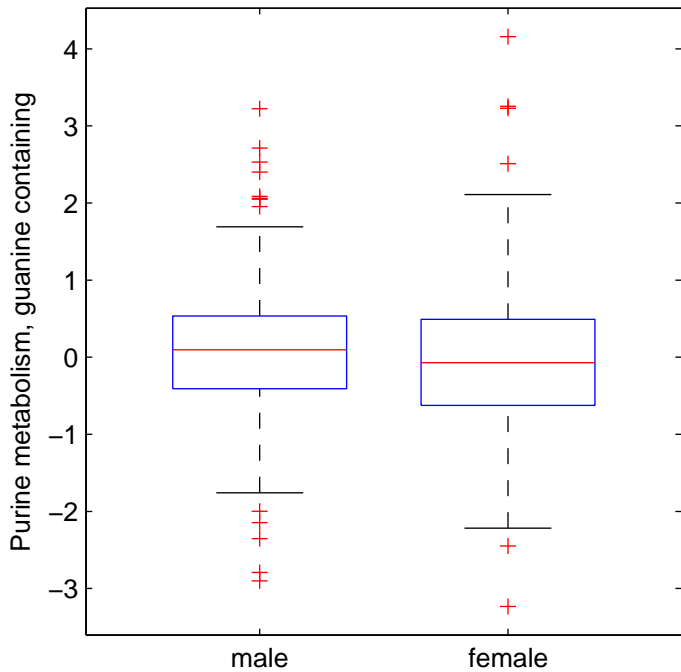
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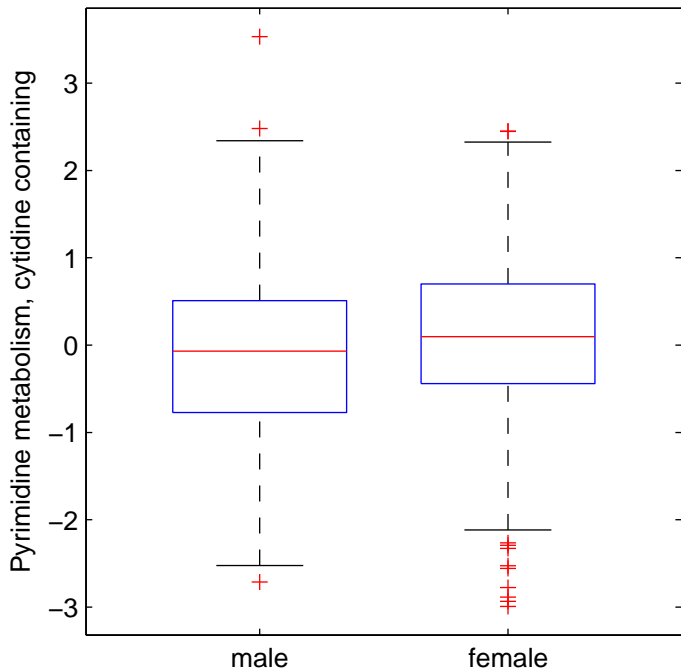
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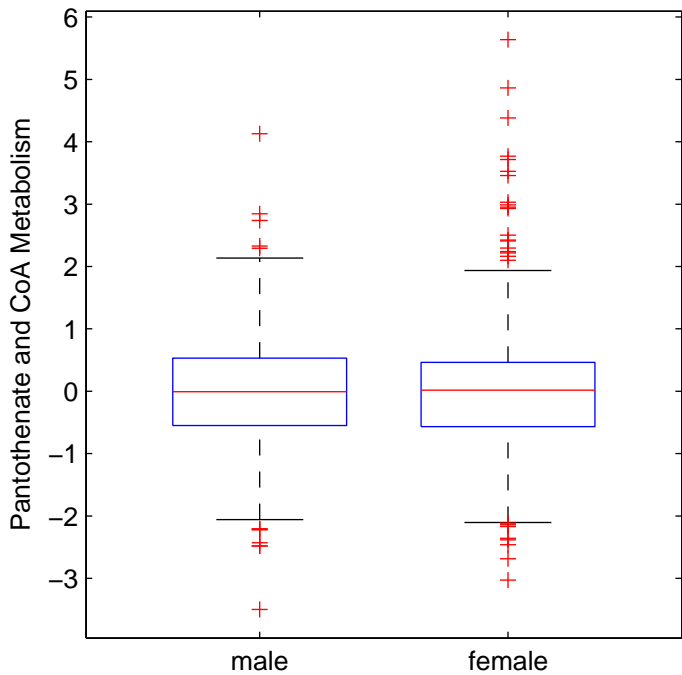
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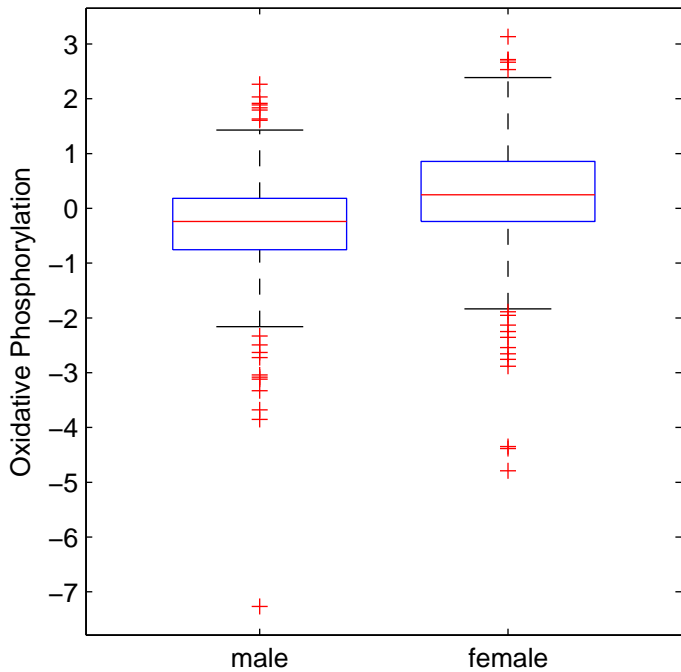
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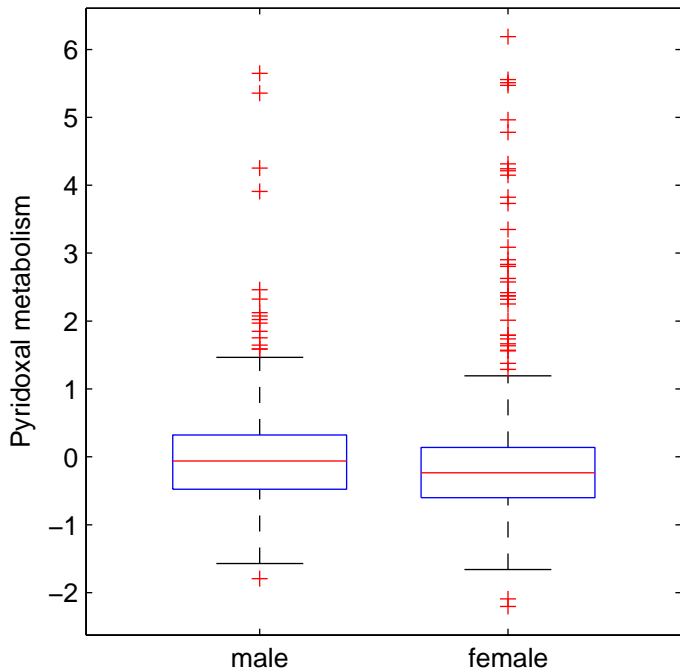
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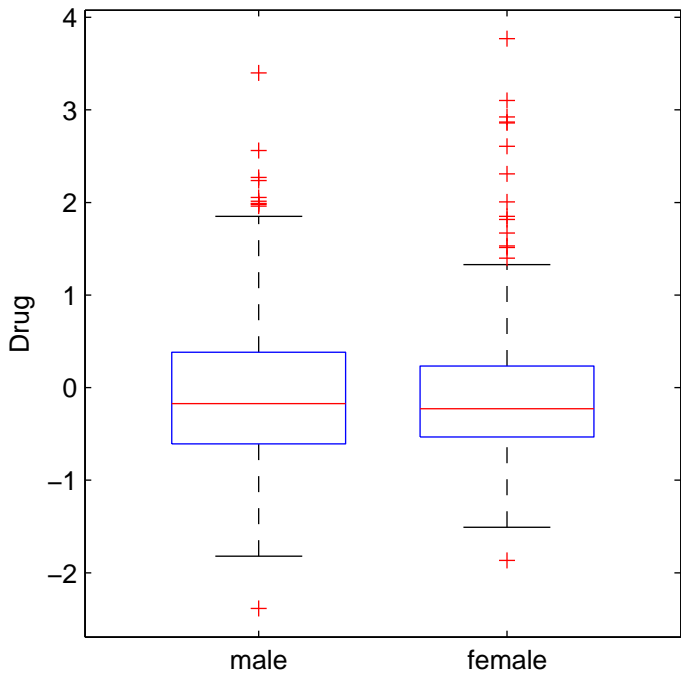
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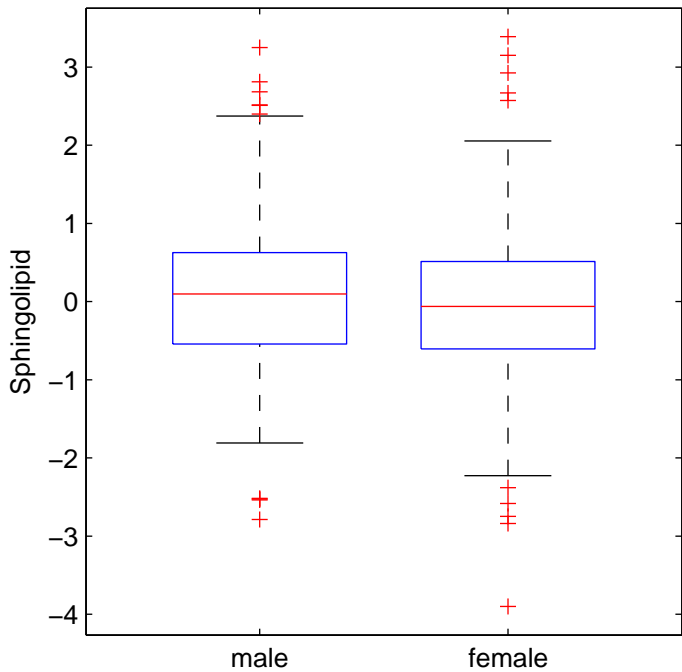
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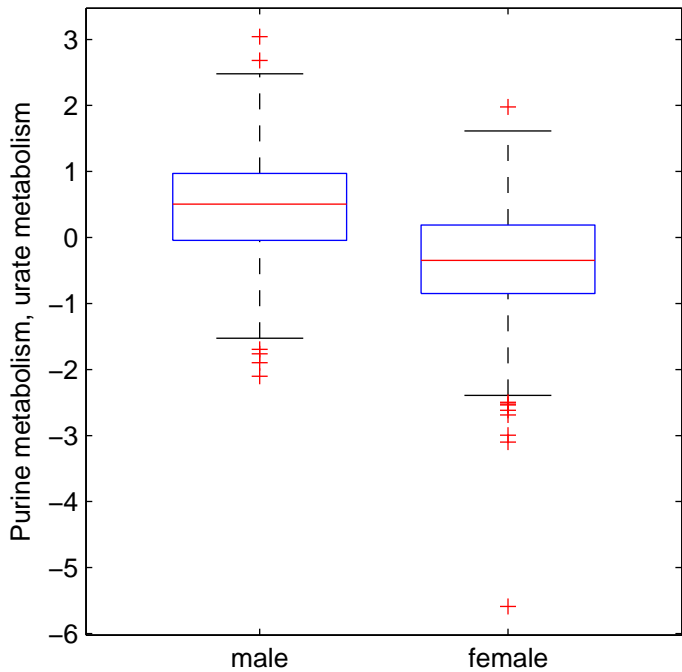
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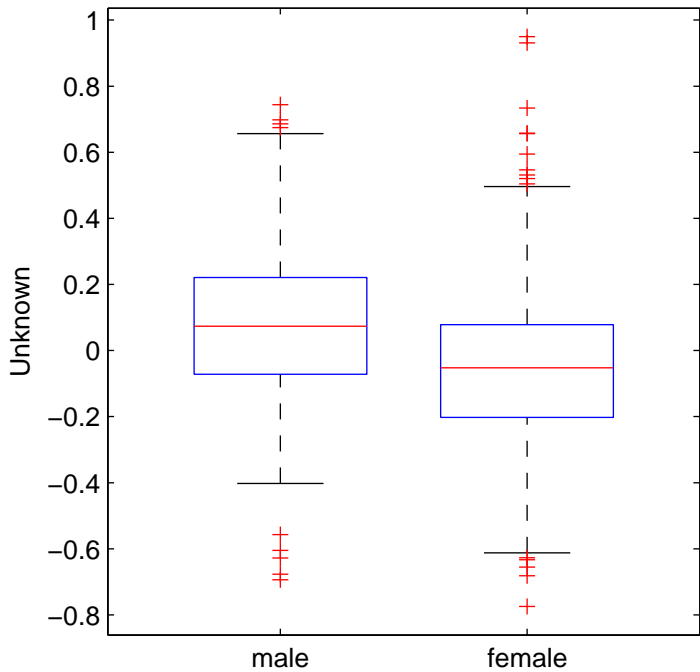
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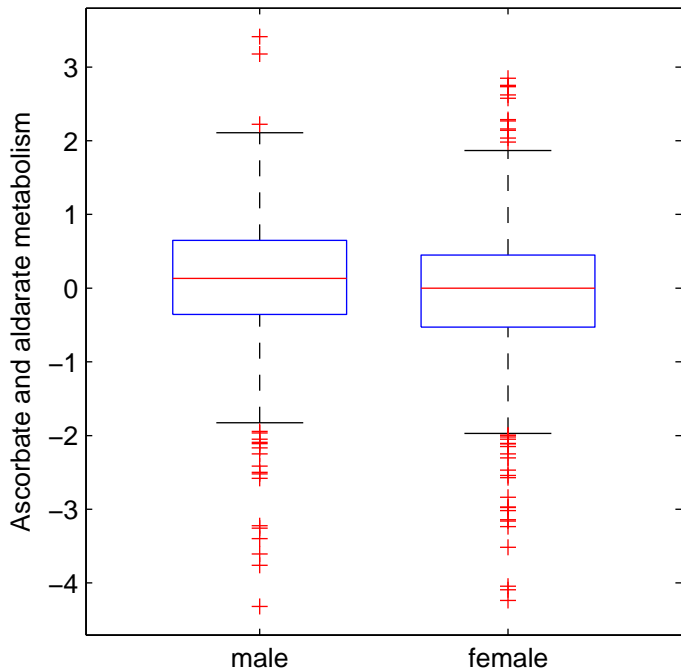
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p-val: 3.64e-019



p-val: 7.18e-003



p-val: 5.68e-002

