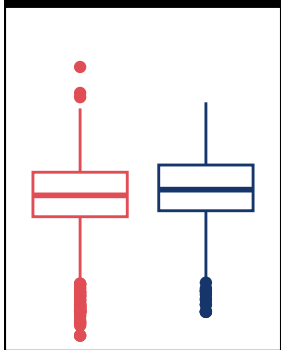
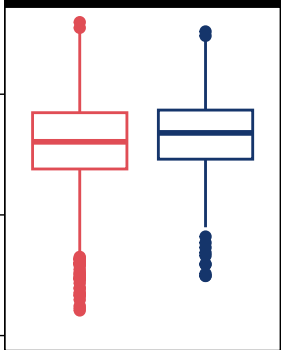


**A**

KO proportion [%]

Carbohydrate metabolism

Energy metabolism

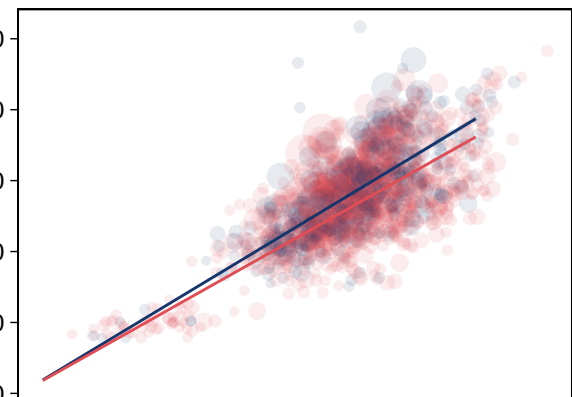


Others Decrease

Others Decrease

**B**

Total KO [#]



-1.0 0.2 1.0 2.0

Genome size [ln mbp]

Group Others Decrease