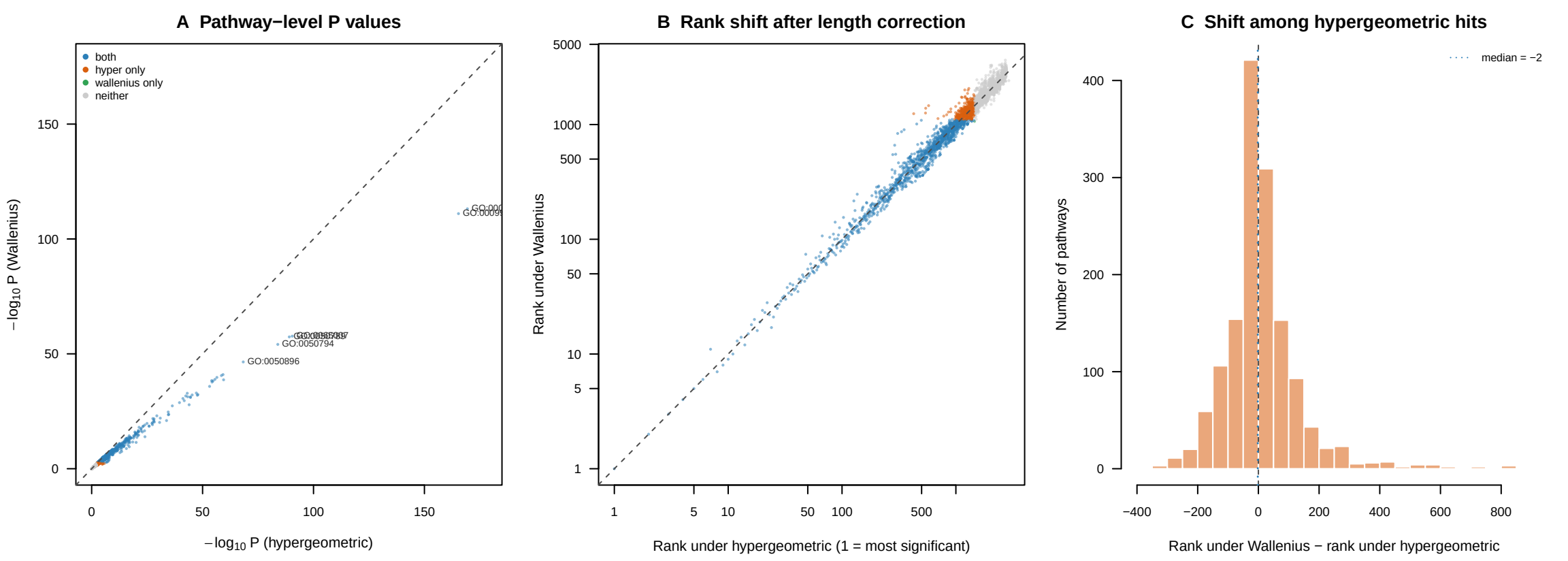
A Pathway−level P values
both
hyper only
wallenius only
neither
GO:0050794
GO:0050896
−log10 P (Wallenius)
−log10 P (hypergeometric)
B Rank shift after length correction
Rank under Wallenius
Rank under hypergeometric (1 = most significant)
C Shift among hypergeometric hits
median = −2
Number of pathways
Rank under Wallenius − rank under hypergeometric