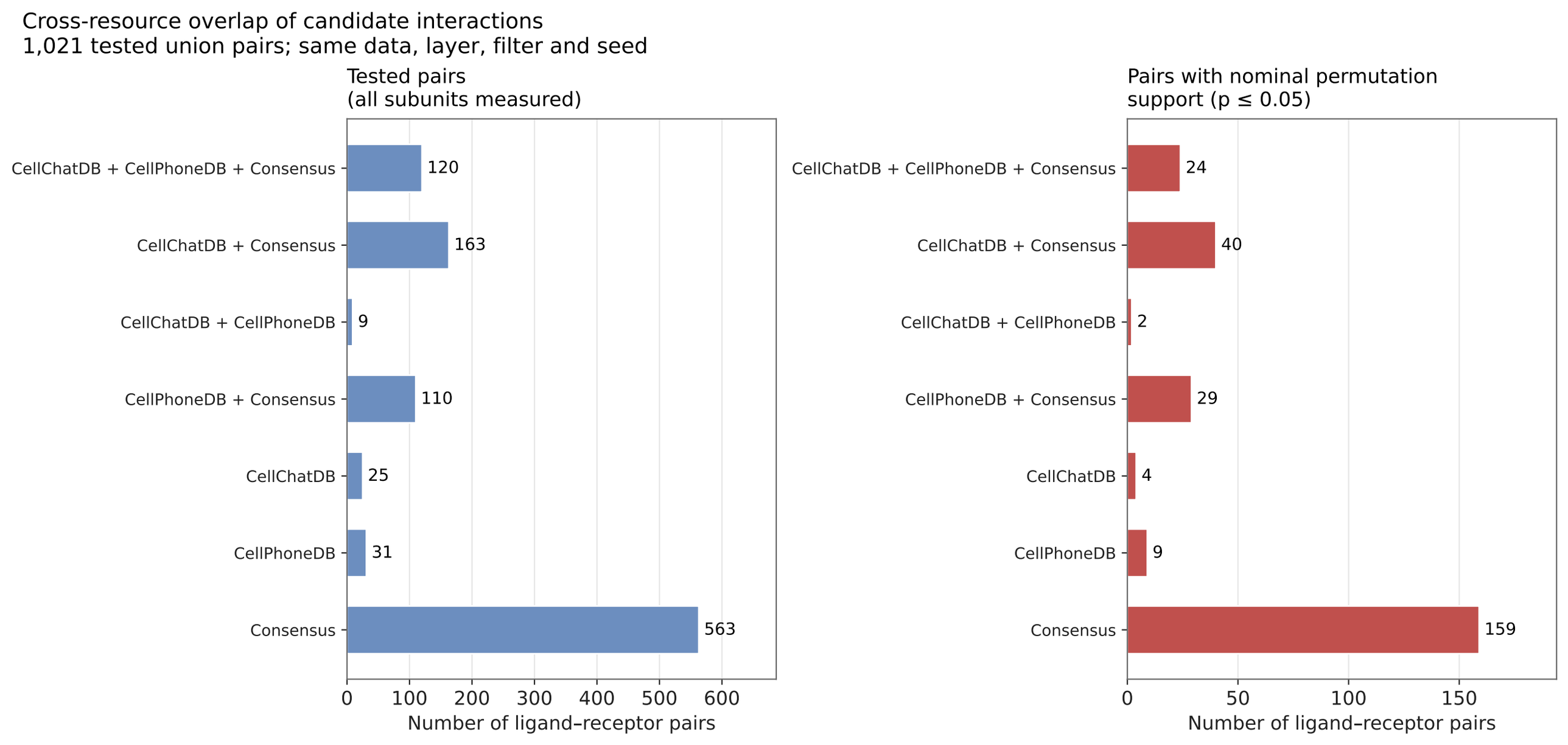

Cross-resource overlap of candidate interactions
1,021 tested union pairs; same data, layer, filter and seed
Tested pairs
(all subunits measured)
CellChatDB + CellPhoneDB + Consensus
120
CellChatDB + Consensus
163
CellChatDB + CellPhoneDB
9
CellPhoneDB + Consensus
110
CellChatDB
25
CellPhoneDB
31
Consensus
563
0
100
200
300
400
500
600
Number of ligand–receptor pairs
Pairs with nominal permutation
support (p ≤ 0.05)
CellChatDB + CellPhoneDB + Consensus
24
CellChatDB + Consensus
40
CellChatDB + CellPhoneDB
2
CellPhoneDB + Consensus
29
CellChatDB
4
CellPhoneDB
9
Consensus
159
0
50
100
150
Number of ligand–receptor pairs