Ligand–receptor pairs in each dataset (count >= 3) File Name 4,500 Total Irps: 4,533 CCIDB\_Human\_new.xlsx (1) CellCall-2021\_new.xlsx (2) 4,000 CellChatDB.humanv2-2023-Jin-LR-pairs\_new.xlsx (3) Cellinker\_Homos\_2021.txt (4) 3,500 3,305 3,231 Human-2010-Kirouac-LR-pairs new.xlsx (5) 3,1493,167 Human-2014-Qiao-LR-pairs.xlsx (6) 3,000 Human-2015-Choi-LR-pairs.txt (7)

