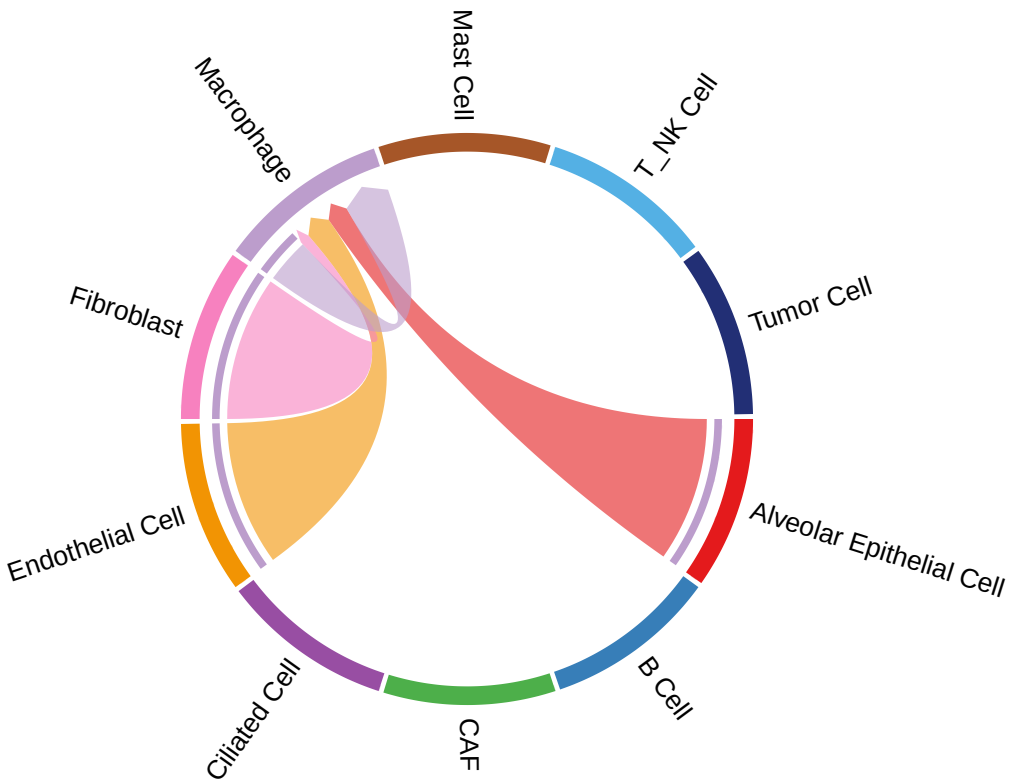
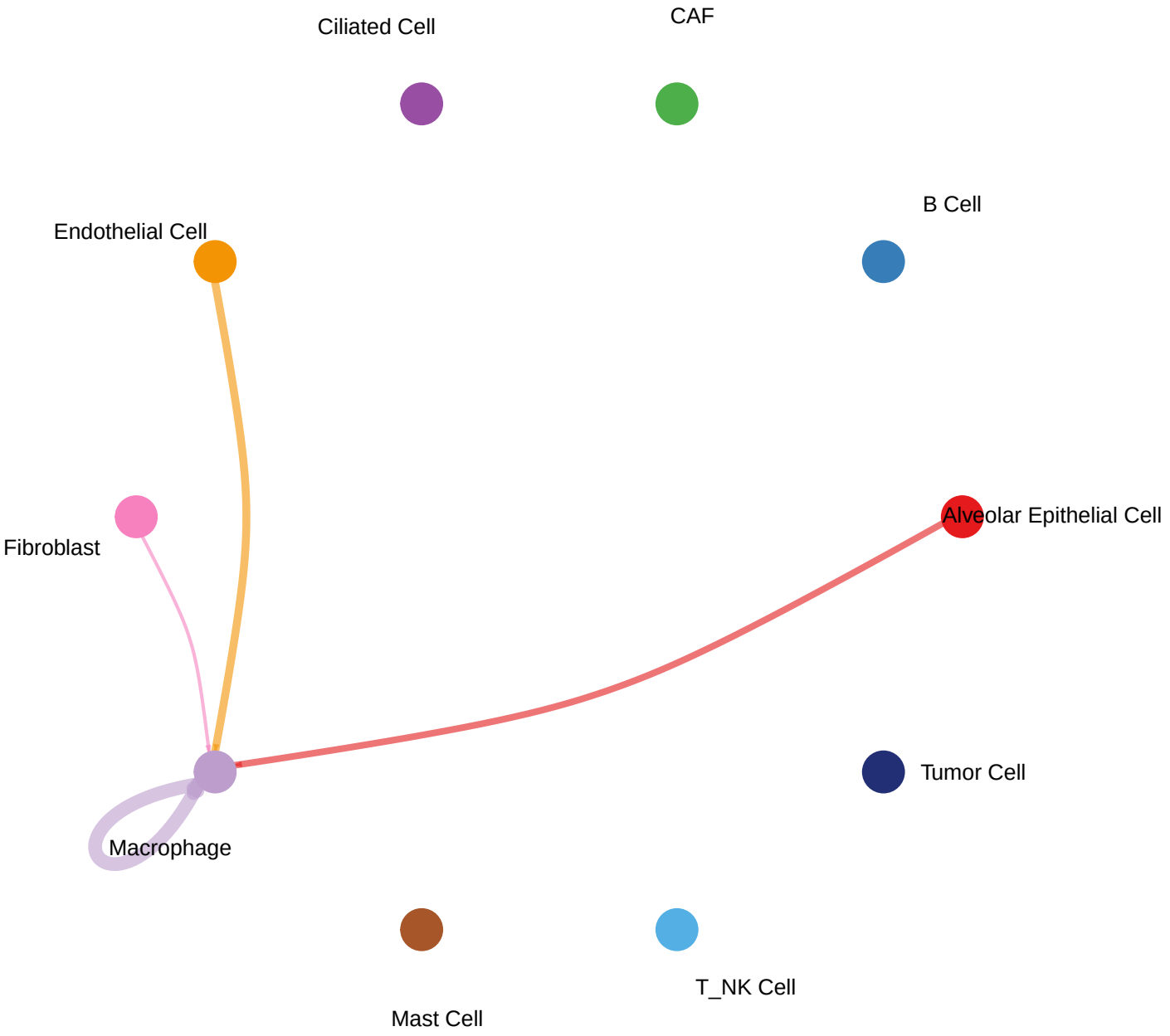
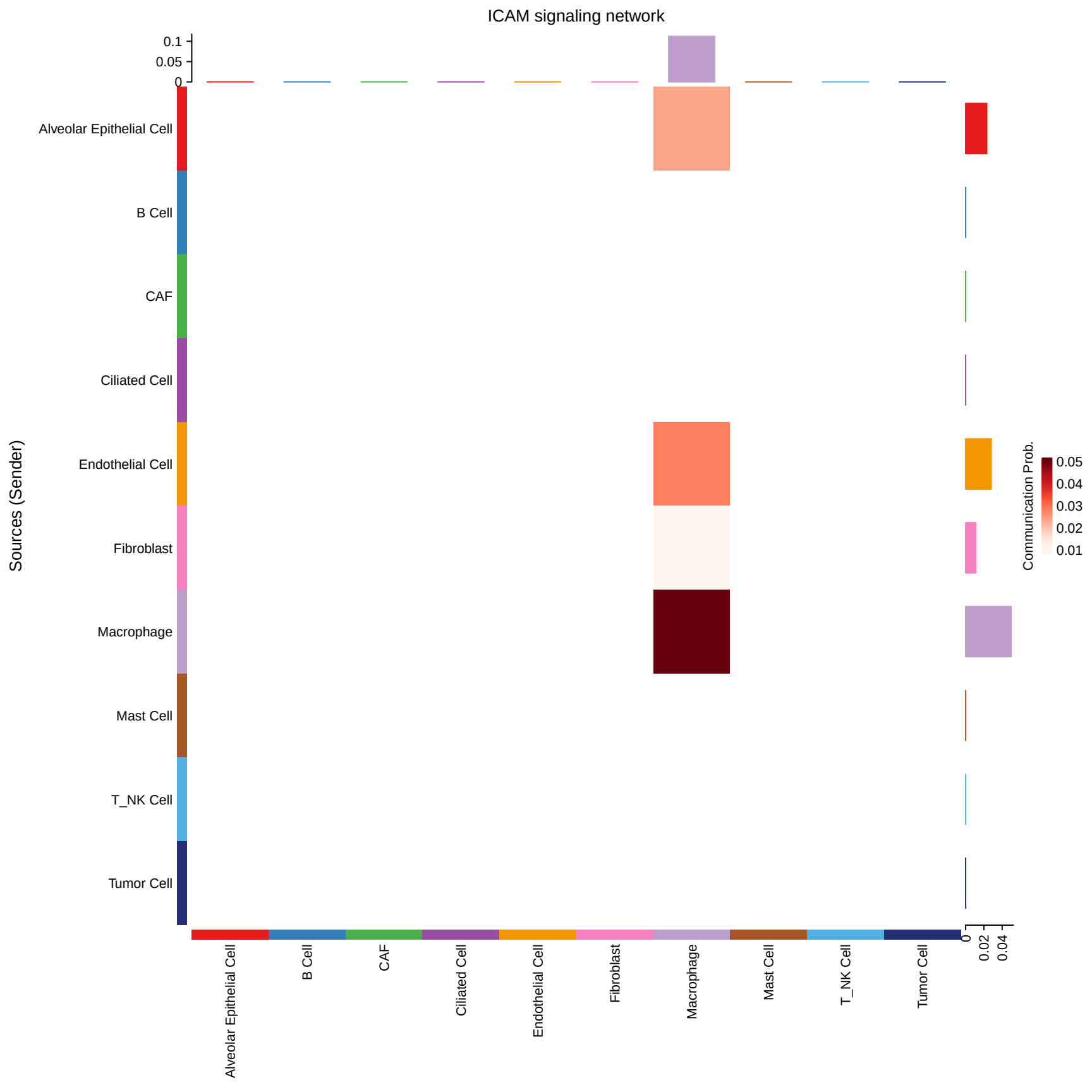
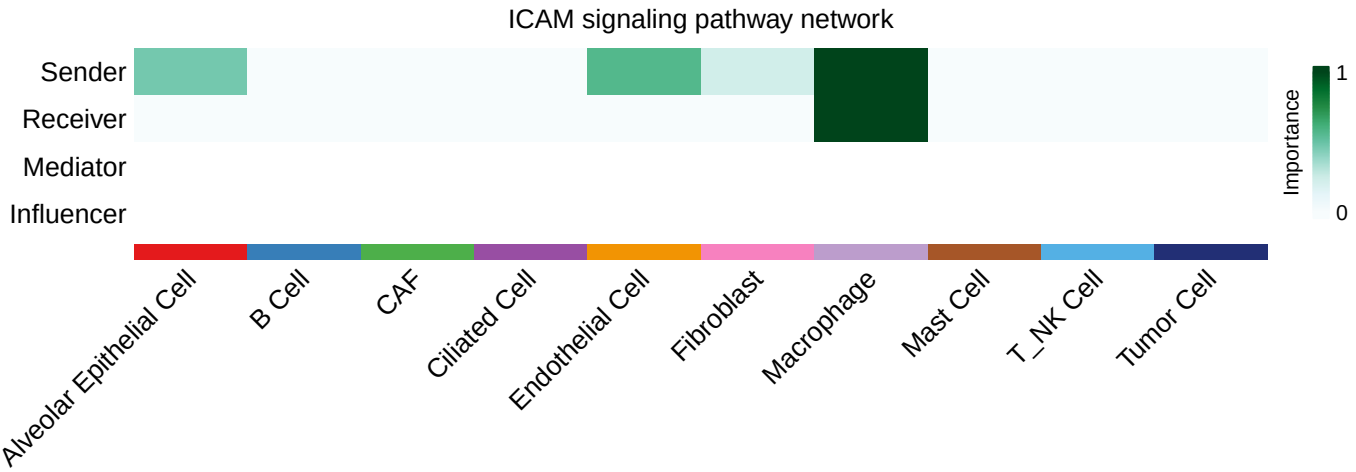
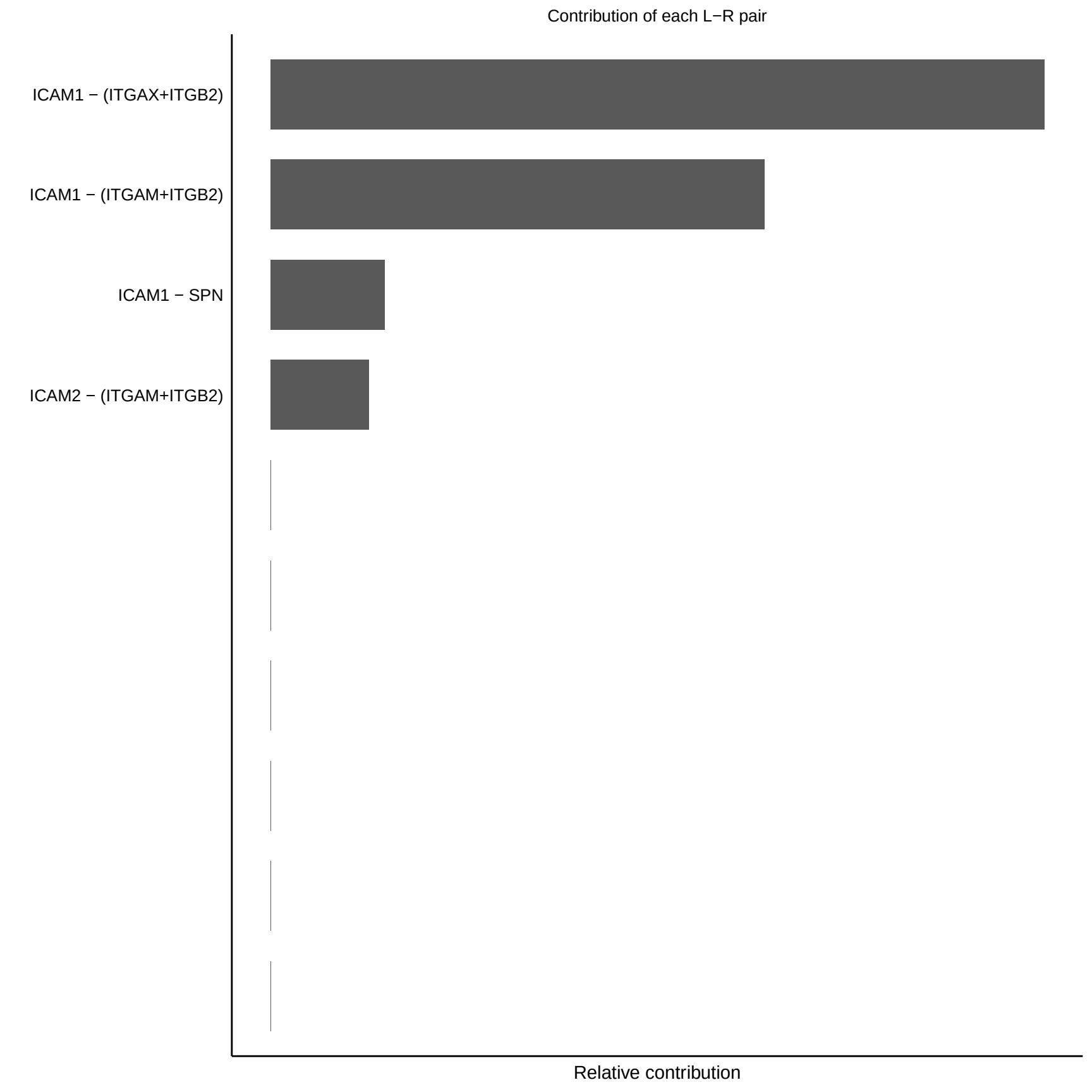
ICAM signaling pathway network

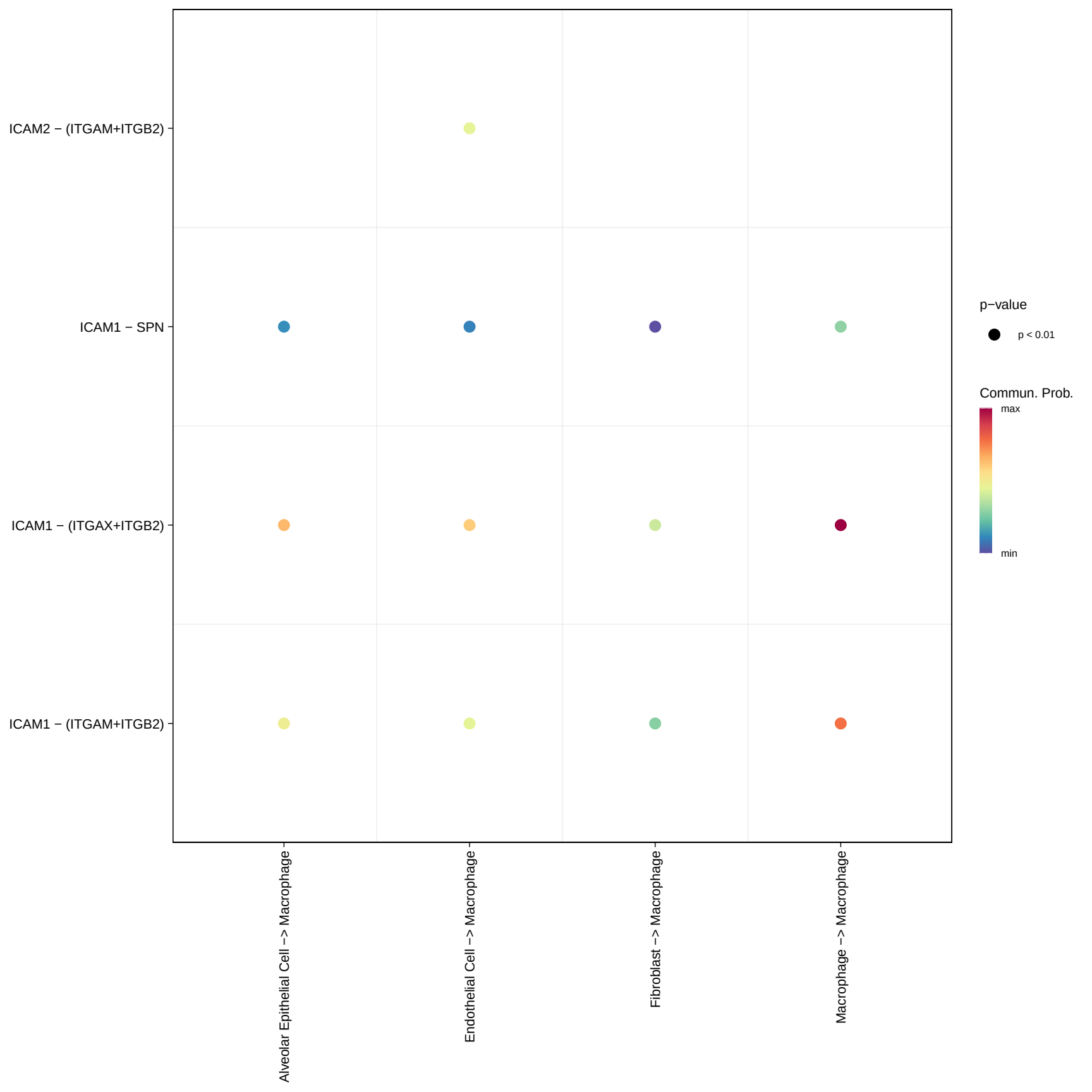



Ciliated Cell
CAF
B Cell
Endothelial Cell
Fibroblast
Alveolar Epithelial Cell
Tumor Cell
Macrophage
Mast Cell
T_NK Cell


ICAM signaling network
0.1
0.05
0
Alveolar Epithelial Cell
B Cell
CAF
Ciliated Cell
Endothelial Cell
Fibroblast
Macrophage
Mast Cell
T_NK Cell
Tumor Cell
Sources (Sender)
Communication Prob.
0.05
0.04
0.03
0.02
0.01
0
0.02
0.04


ICAM signaling pathway network
Sender
Receiver
Mediator
Influencer
Importance
1
0
Alveolar Epithelial Cell
B Cell
CAF
Ciliated Cell
Endothelial Cell
Fibroblast
Macrophage
Mast Cell
T_NK Cell
Tumor Cell


Contribution of each L−R pair
ICAM1 − (ITGAX+ITGB2)
ICAM1 − (ITGAM+ITGB2)
ICAM1 − SPN
ICAM2 − (ITGAM+ITGB2)
Relative contribution


ICAM2 − (ITGAM+ITGB2)
ICAM1 − SPN
ICAM1 − (ITGAX+ITGB2)
ICAM1 − (ITGAM+ITGB2)
Alveolar Epithelial Cell −> Macrophage
Endothelial Cell −> Macrophage
Fibroblast −> Macrophage
Macrophage −> Macrophage
p−value
p < 0.01
Commun. Prob.
max
min