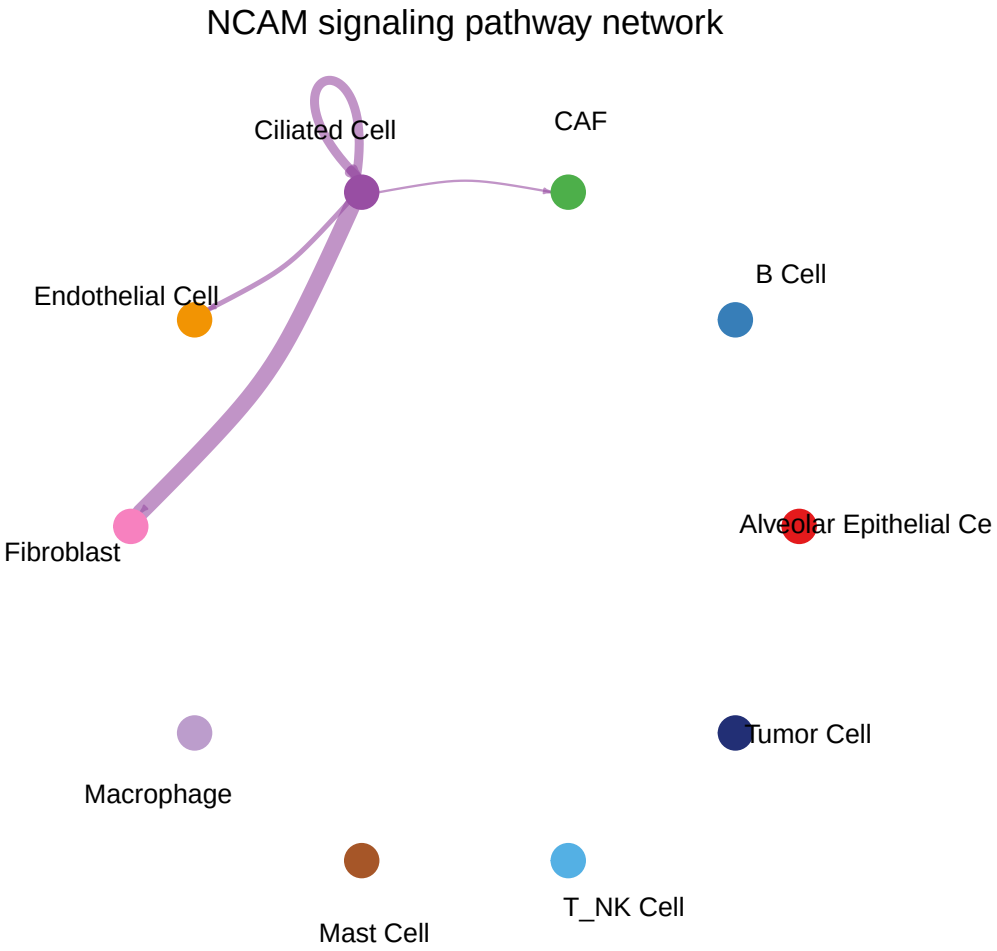
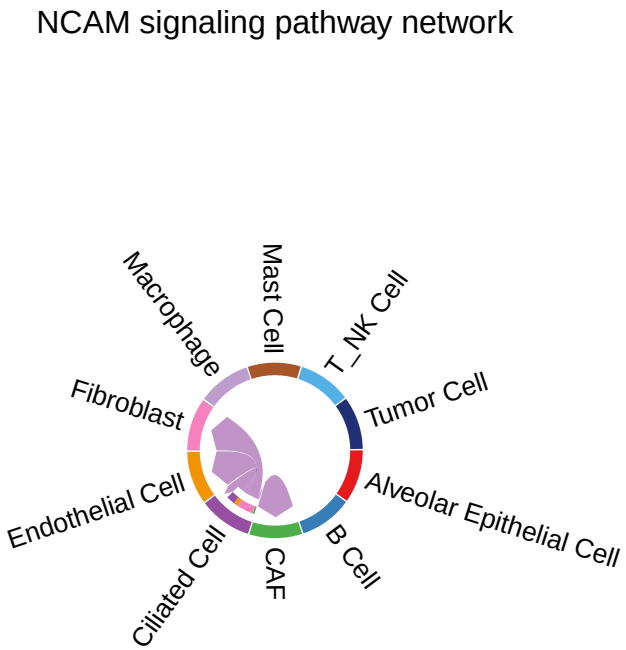
normal: No signaling

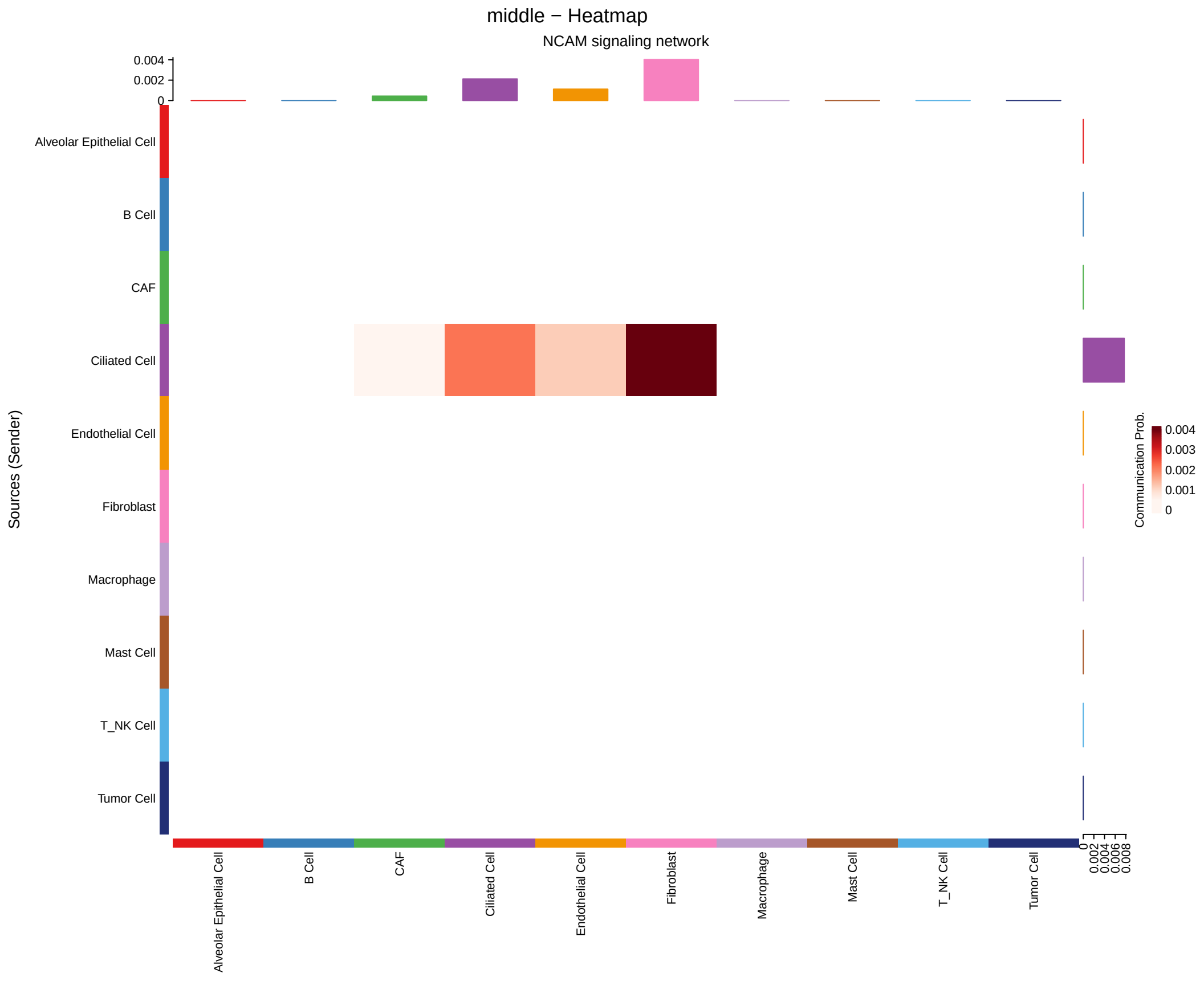
early: No signaling

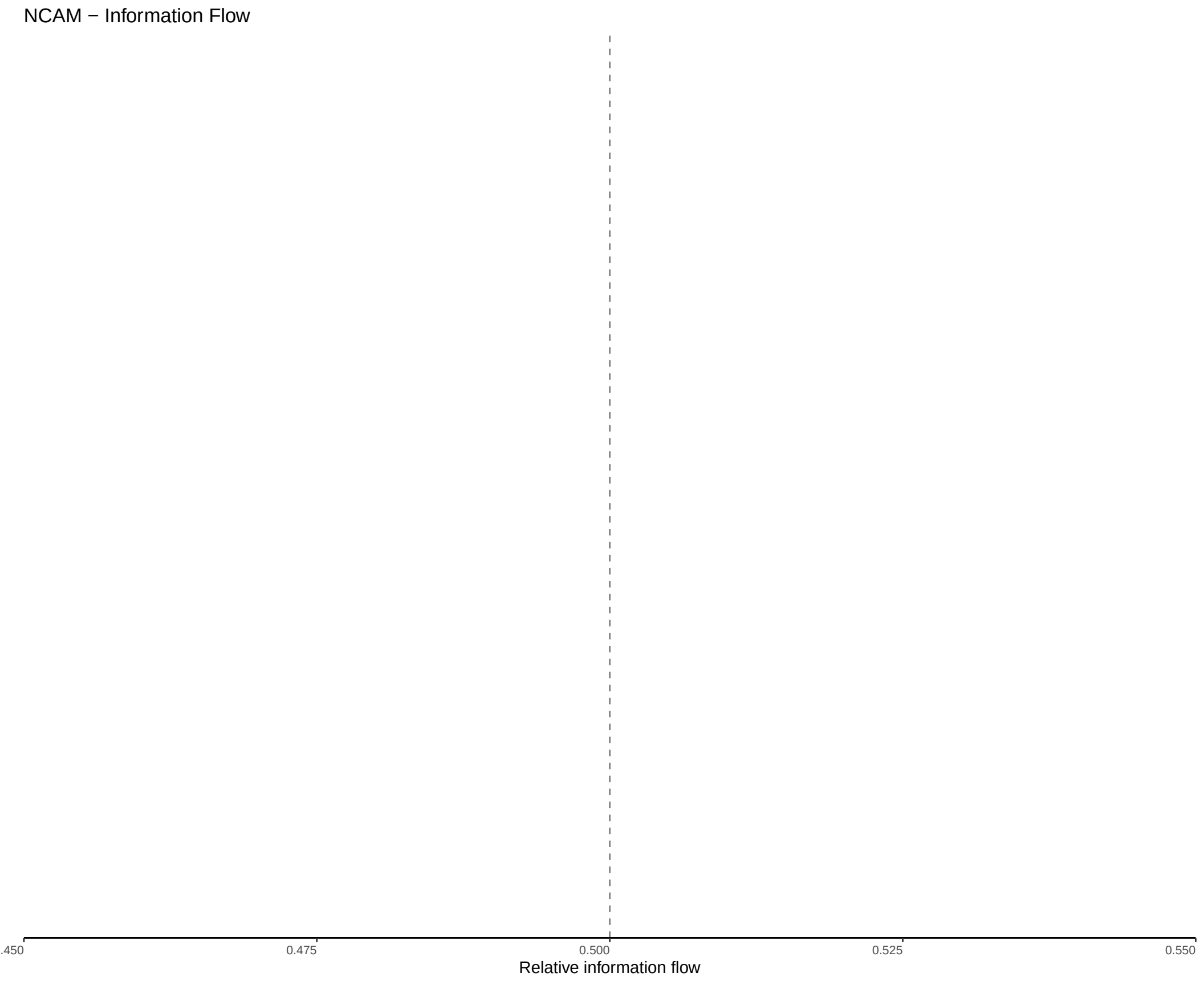
middle − Circle



middle − Chord




middle − Heatmap
NCAM signaling network
0.004
0.002
0
Alveolar Epithelial Cell
B Cell
CAF
Ciliated Cell
Endothelial Cell
Fibroblast
Macrophage
Mast Cell
T_NK Cell
Tumor Cell
Sources (Sender)
Communication Prob.
0.004
0.003
0.002
0.001
0
0.002
0.004
0.006
0.008


NCAM − Information Flow
.450
0.475
0.500
0.525
0.550
Relative information flow