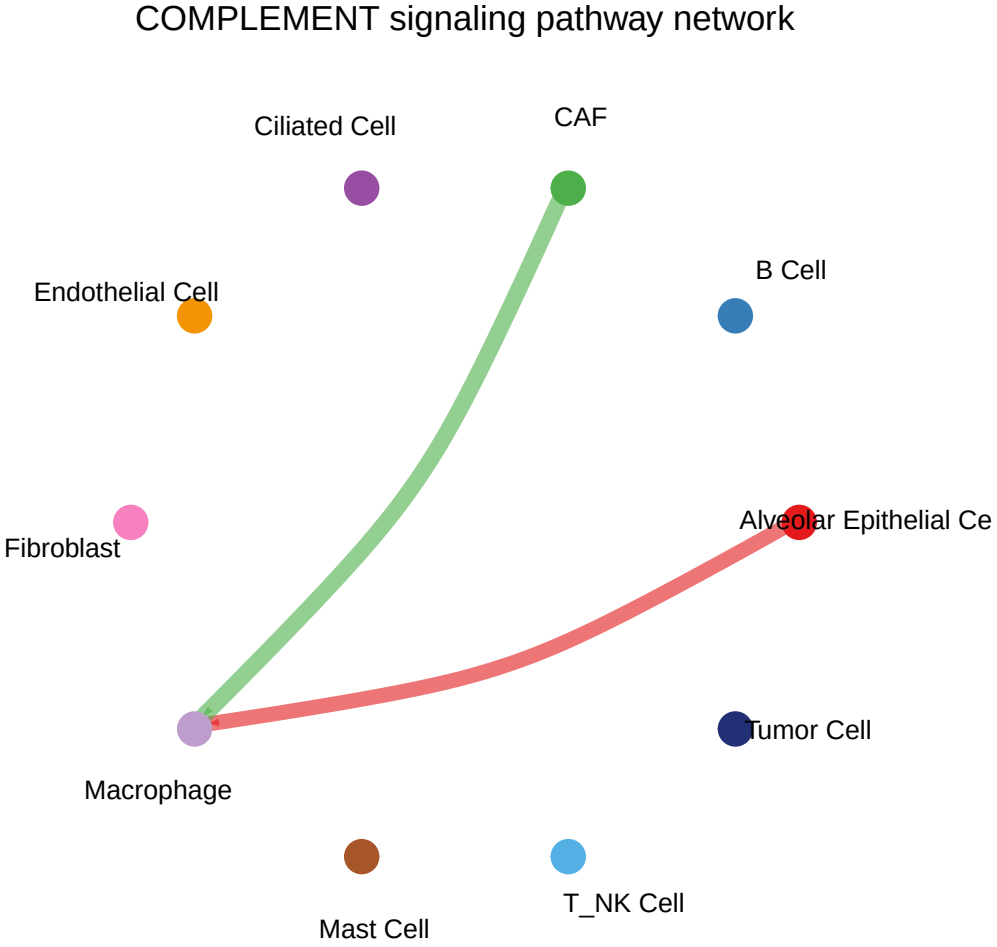
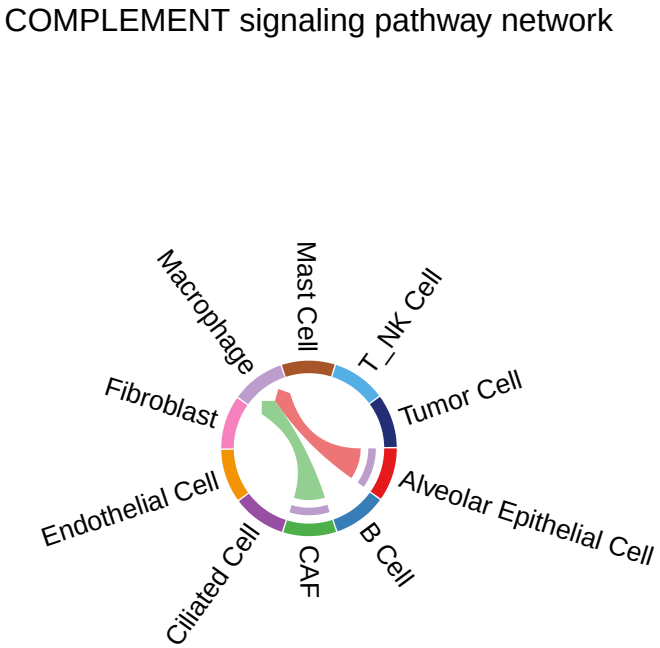
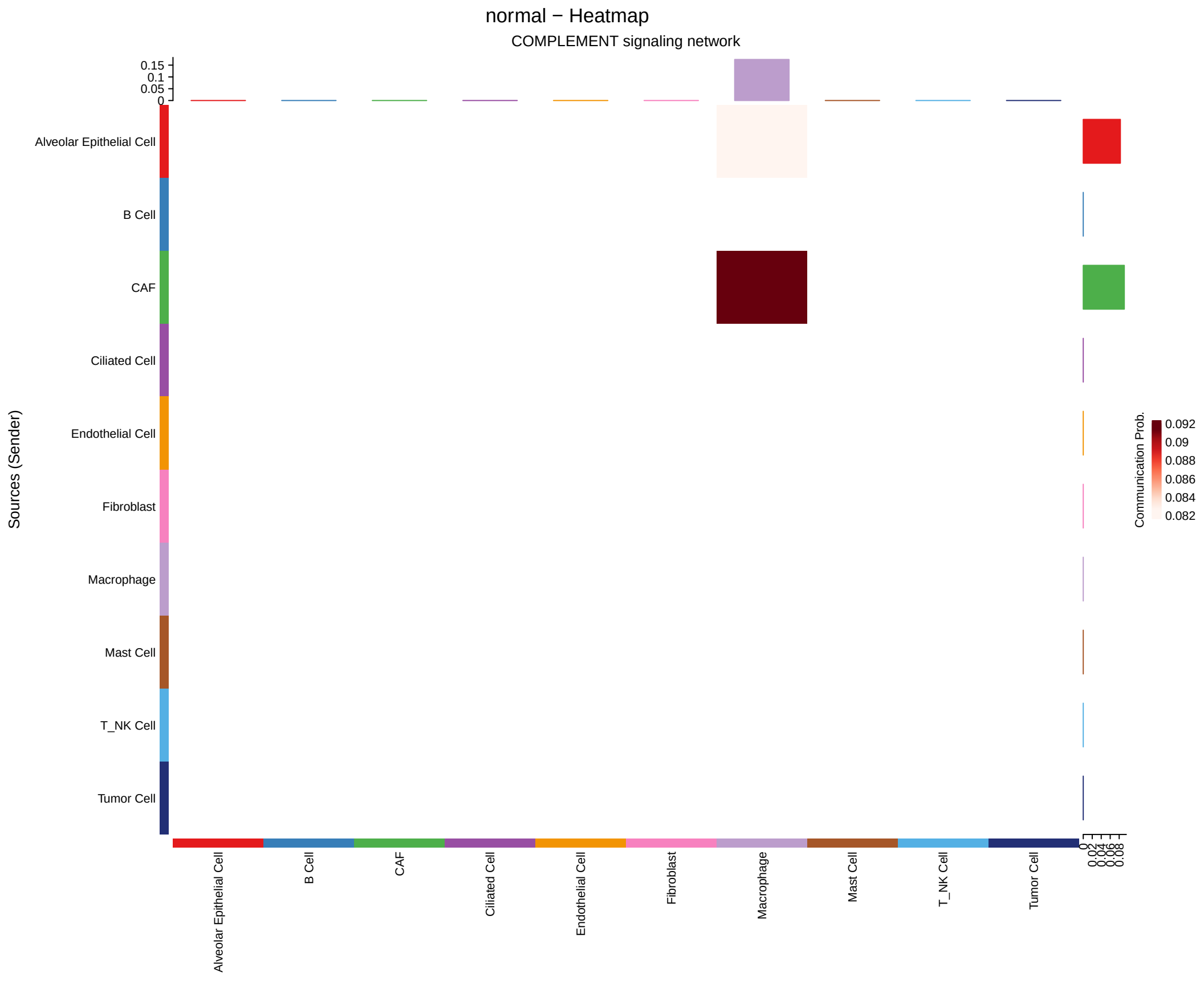
normal − Circle



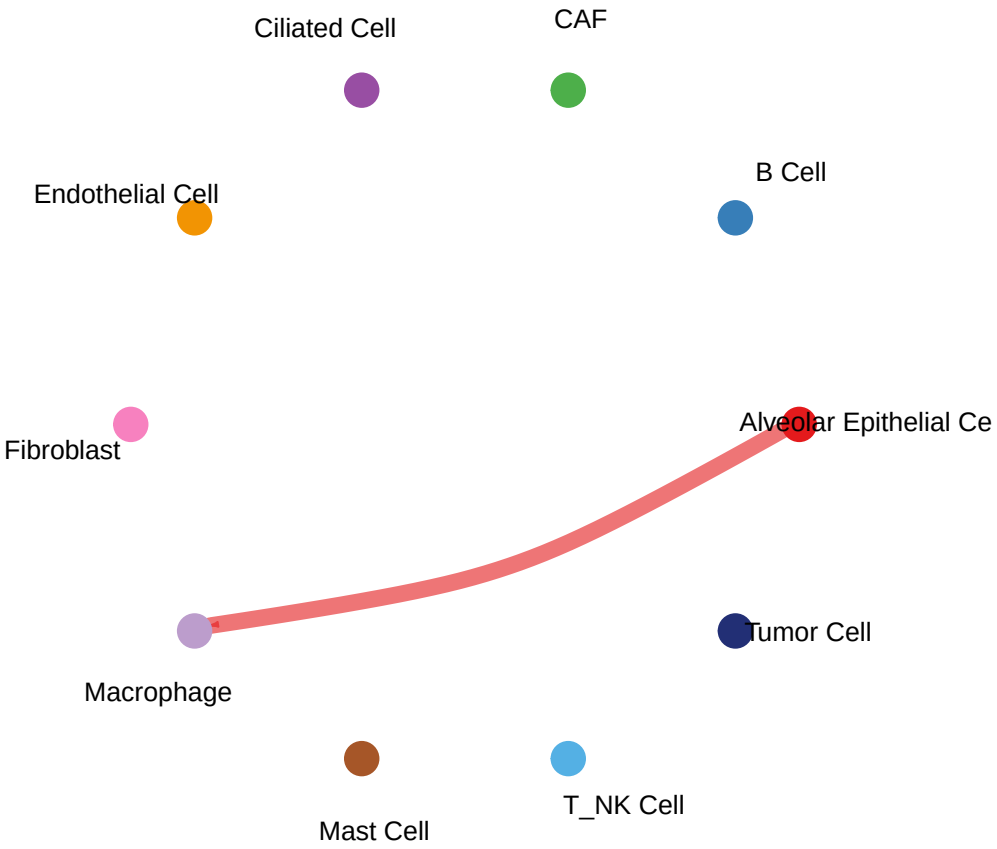
normal − Chord




normal − Heatmap
COMPLEMENT signaling network
0.15
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.
0.092
0.09
0.088
0.086
0.084
0.082
0
0.02
0.04
0.06
0.08

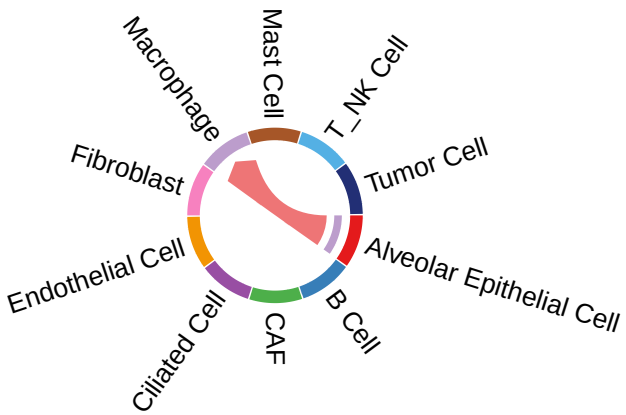
early − Circle

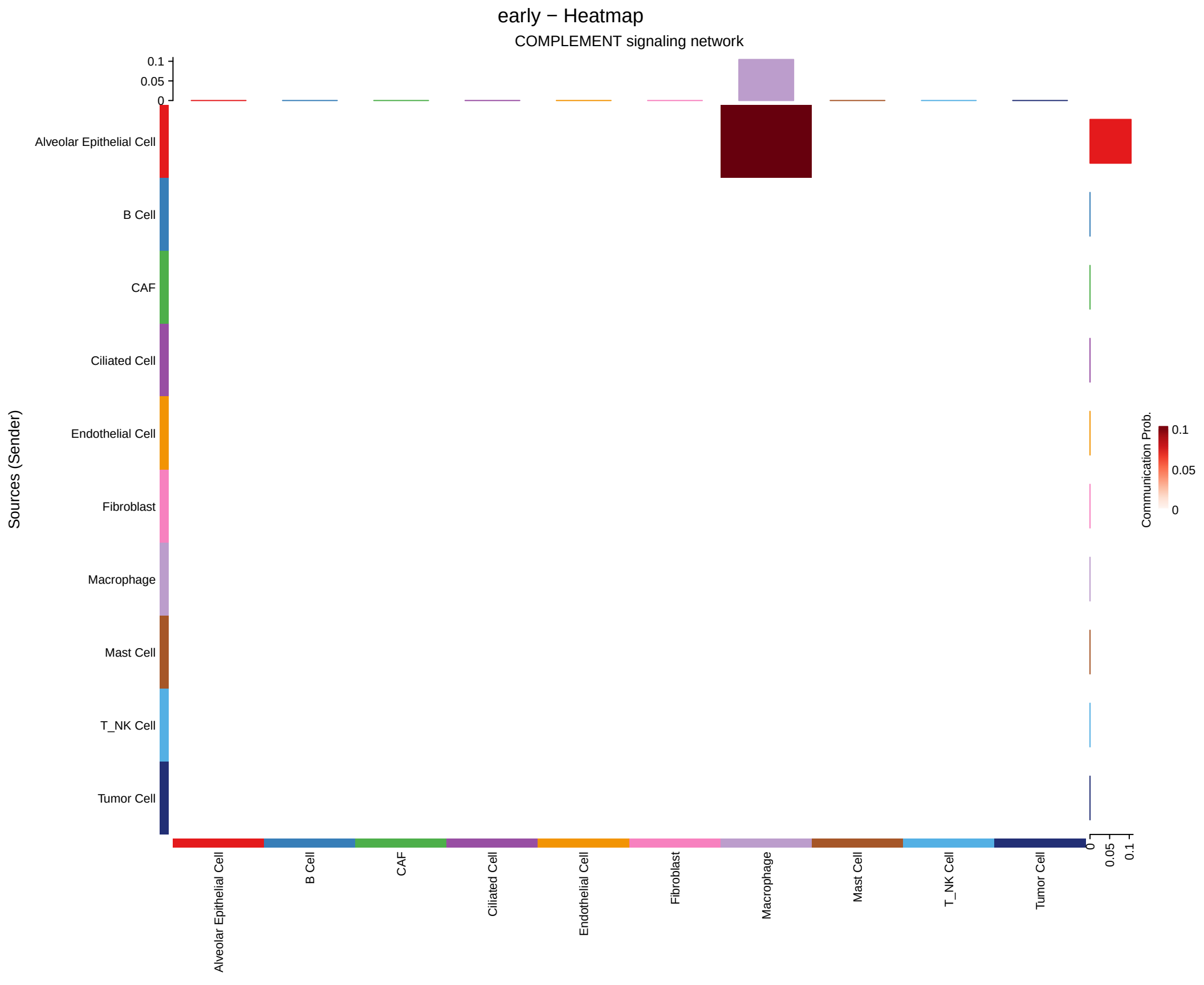
COMPLEMENT signaling pathway network



early − Chord

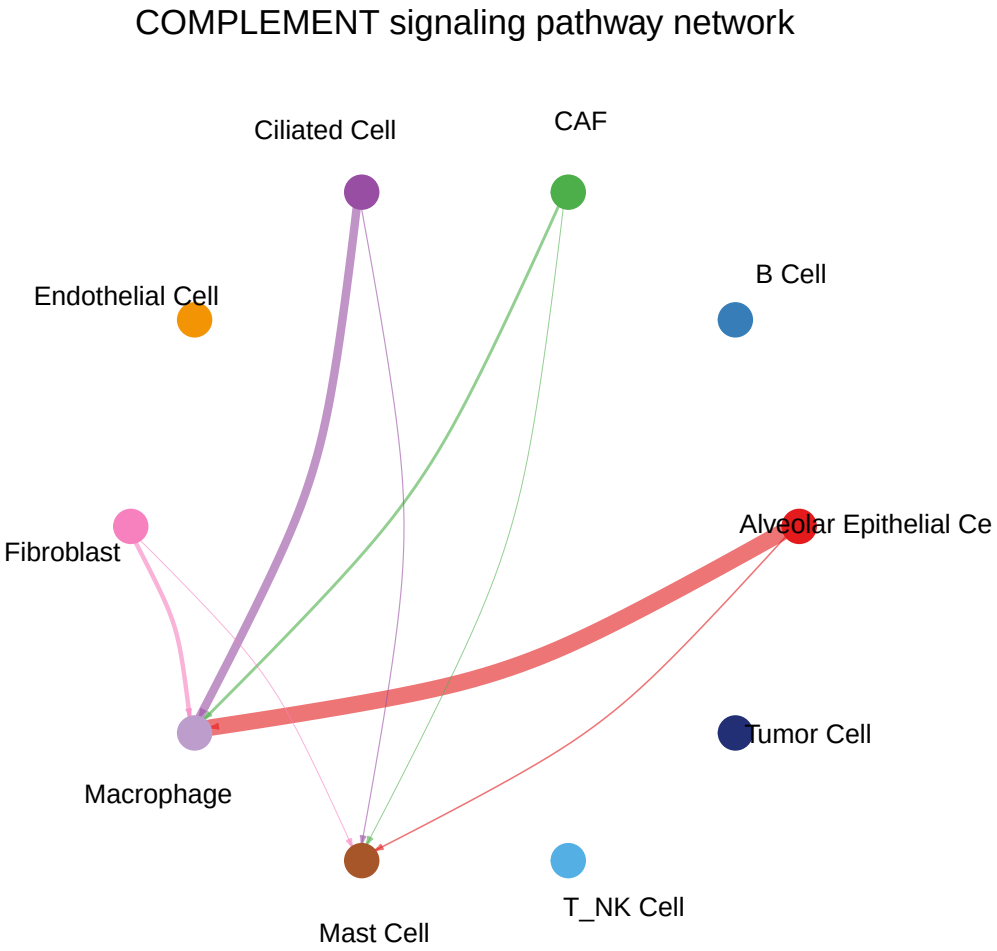
COMPLEMENT signaling pathway network

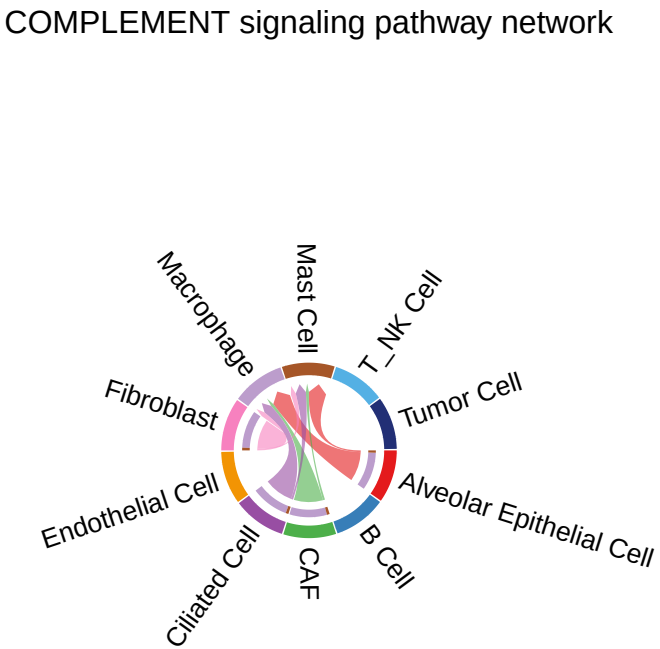


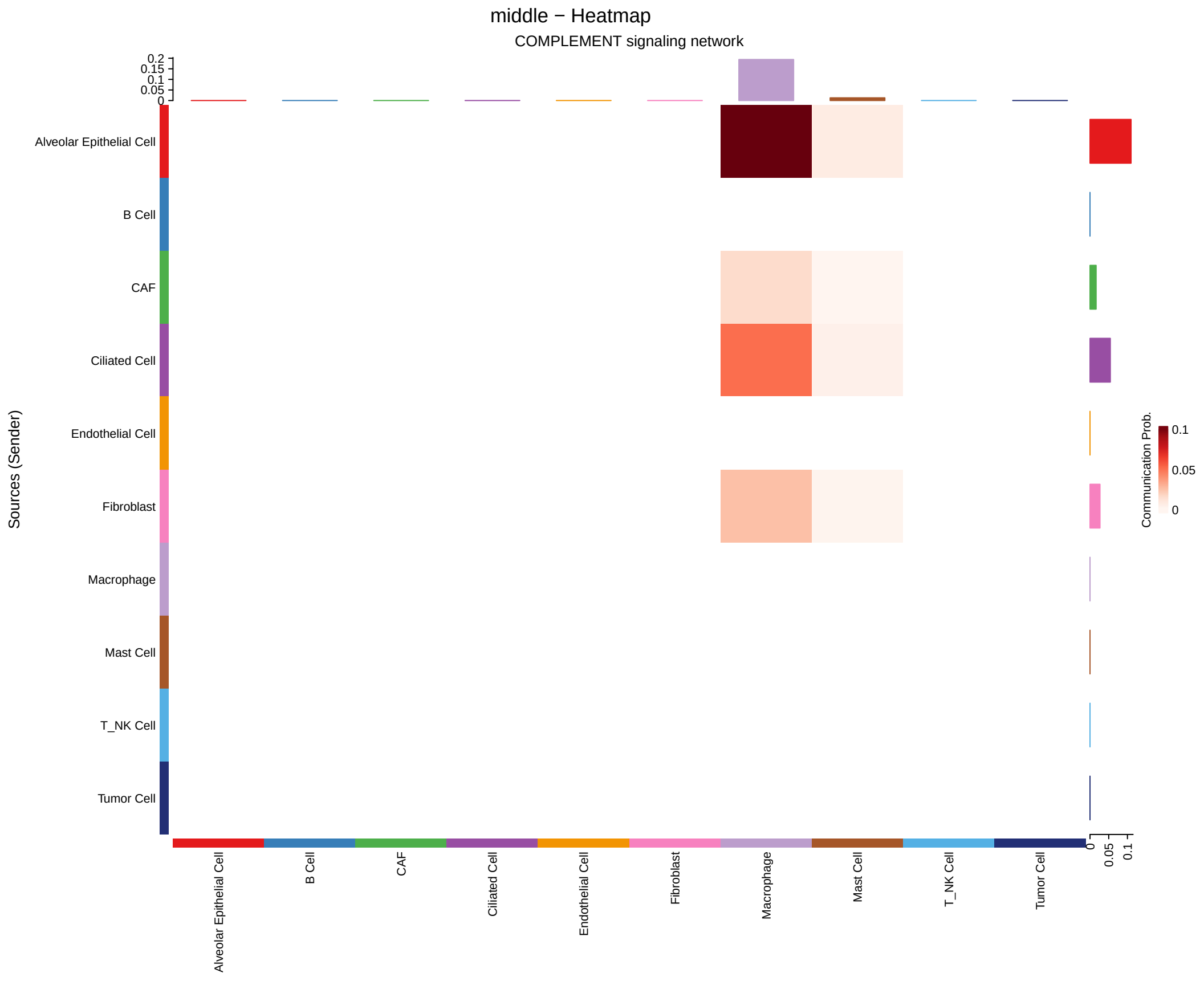

early − Heatmap
COMPLEMENT signaling network
0.1
0.05
0
Alveolar Epithelial Cell
B Cell
CAF
Ciliated Cell
Endothelial Cell
Fibroblast
Macrophage
Mast Cell
T_NK Cell
Tumor Cell
Sources (Sender)
Communication Prob.
0.1
0.05
0

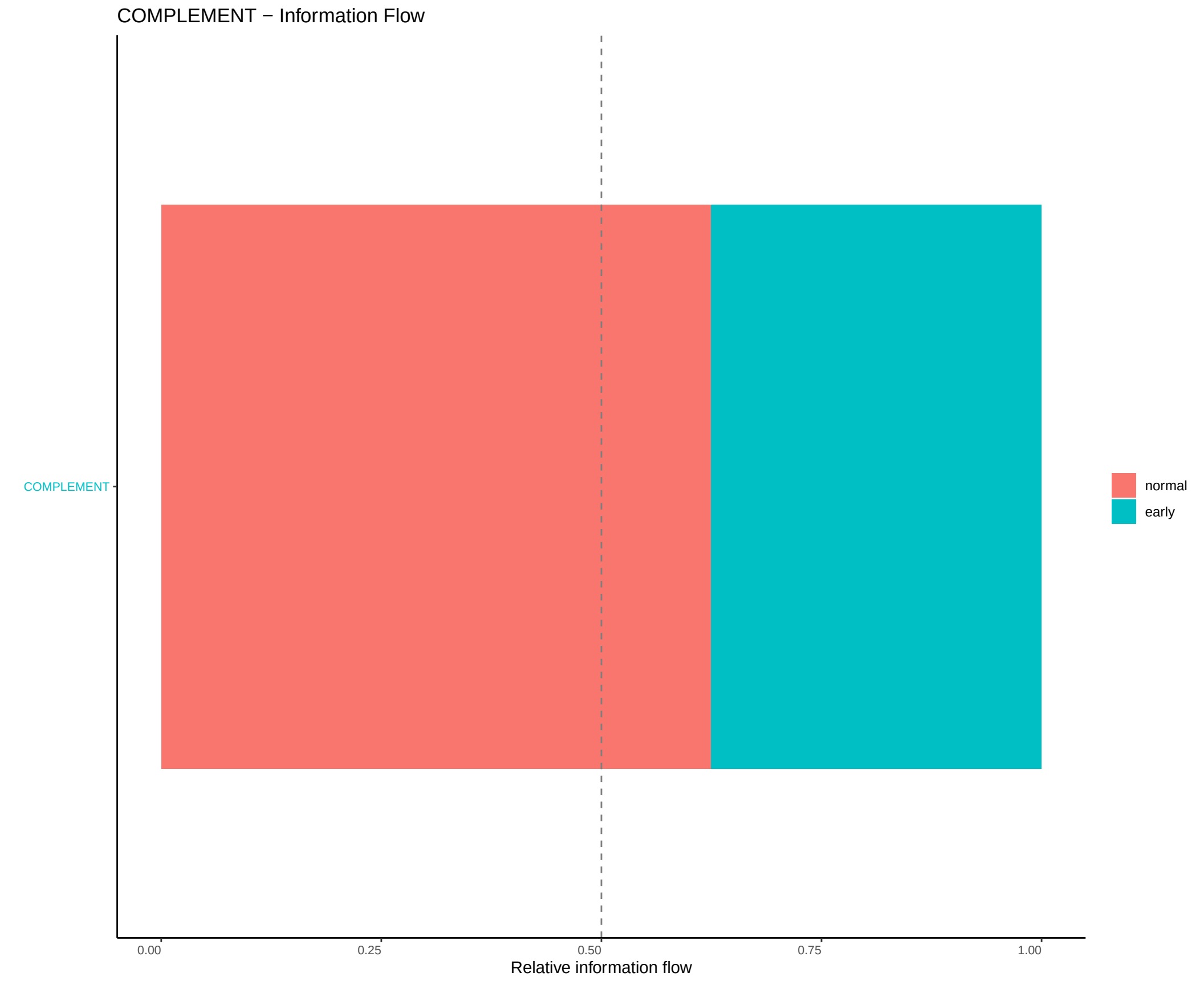
middle − Circle

middle − Chord






middle − Heatmap
COMPLEMENT signaling network
0.2
0.15
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.
0.1
0.05
0
0
0.05
0.1


COMPLEMENT − Information Flow
COMPLEMENT
normal
early
0.00
0.25
0.50
0.75
1.00
Relative information flow