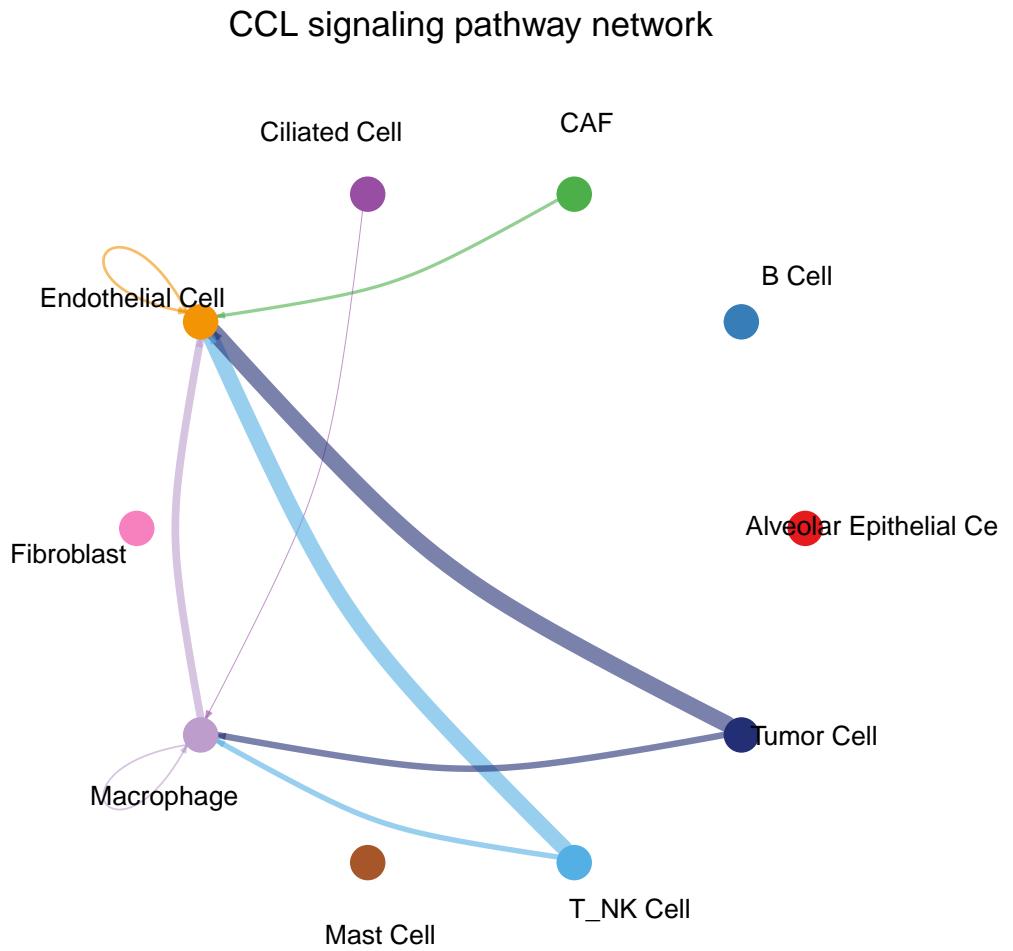
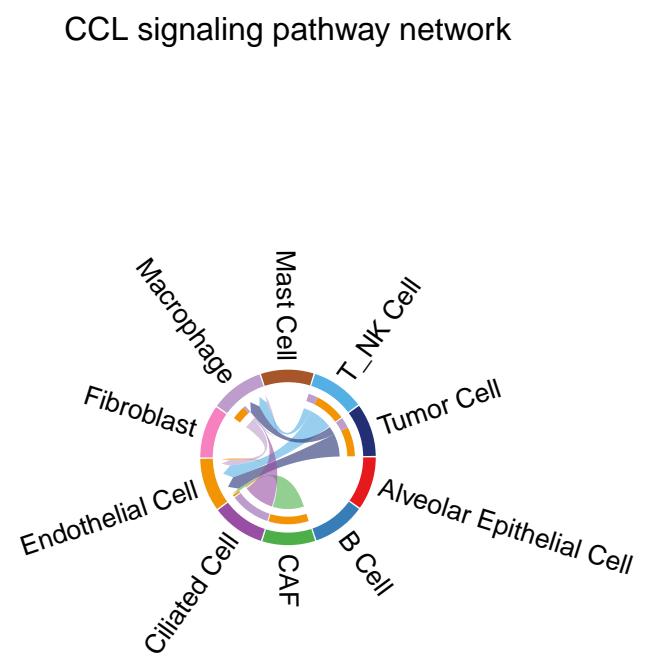


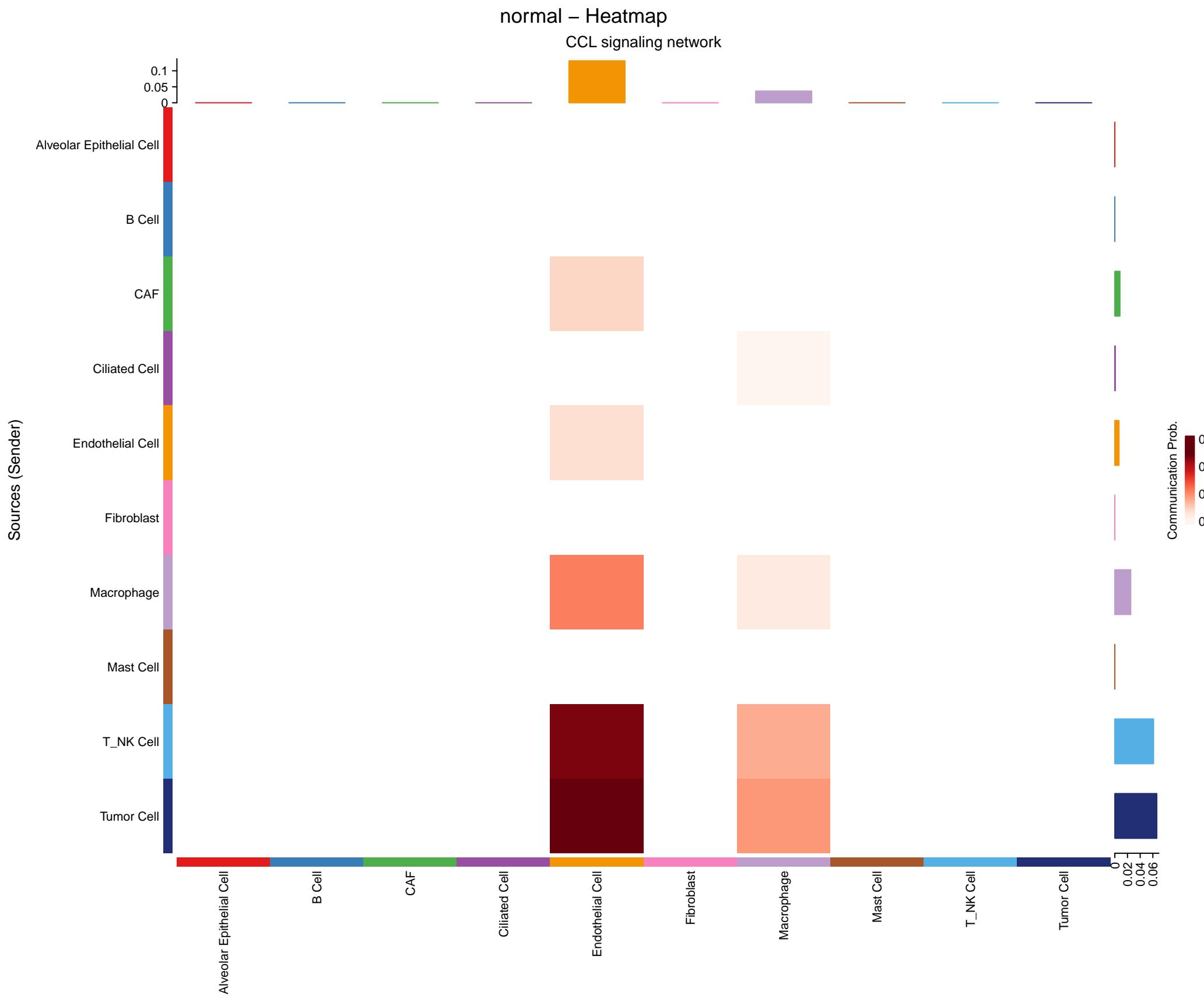


**normal – Circle**



**normal – Chord**



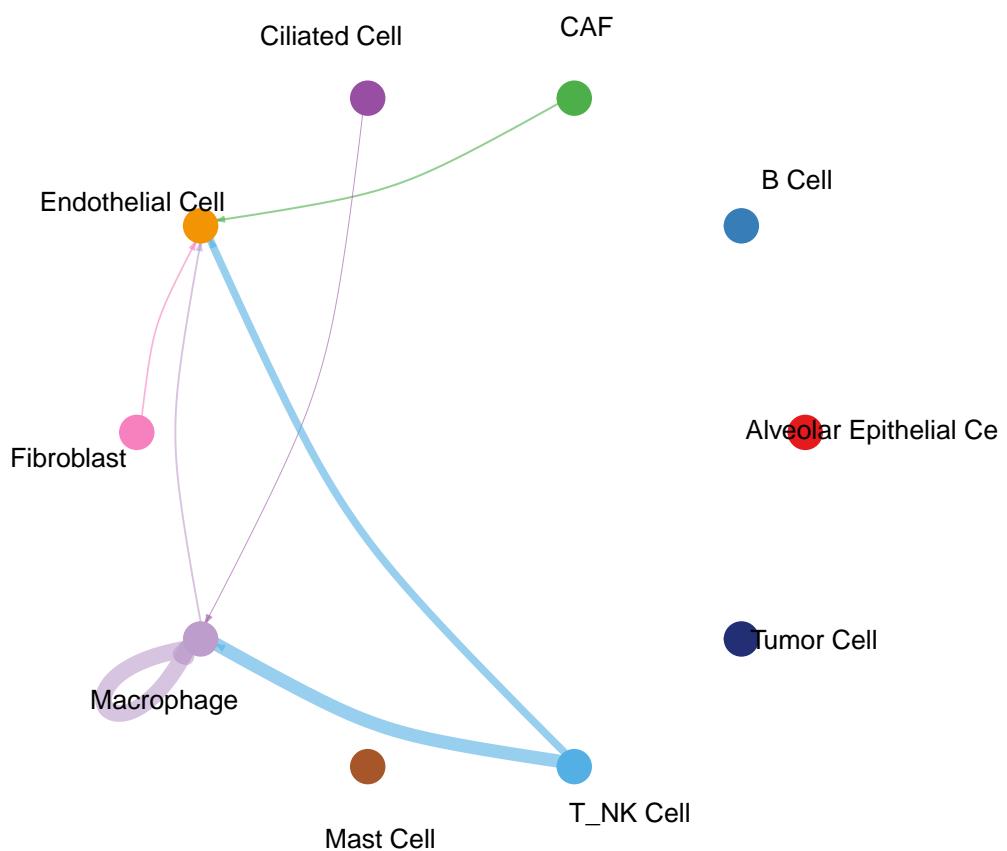




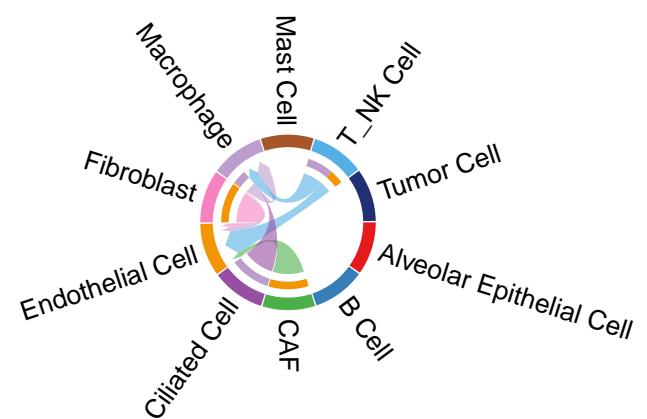
**early – Circle**

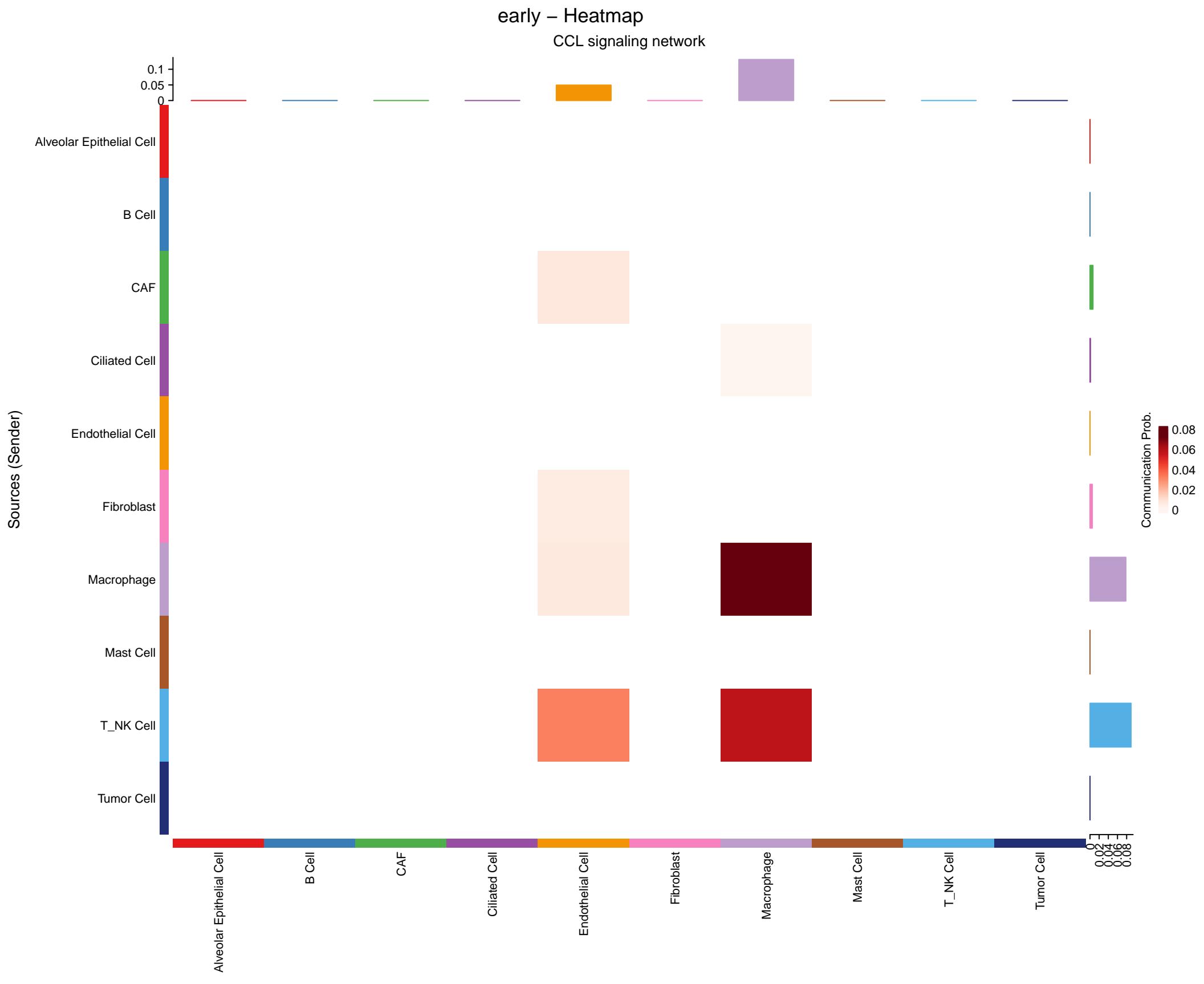
**early – Chord**

CCL signaling pathway network



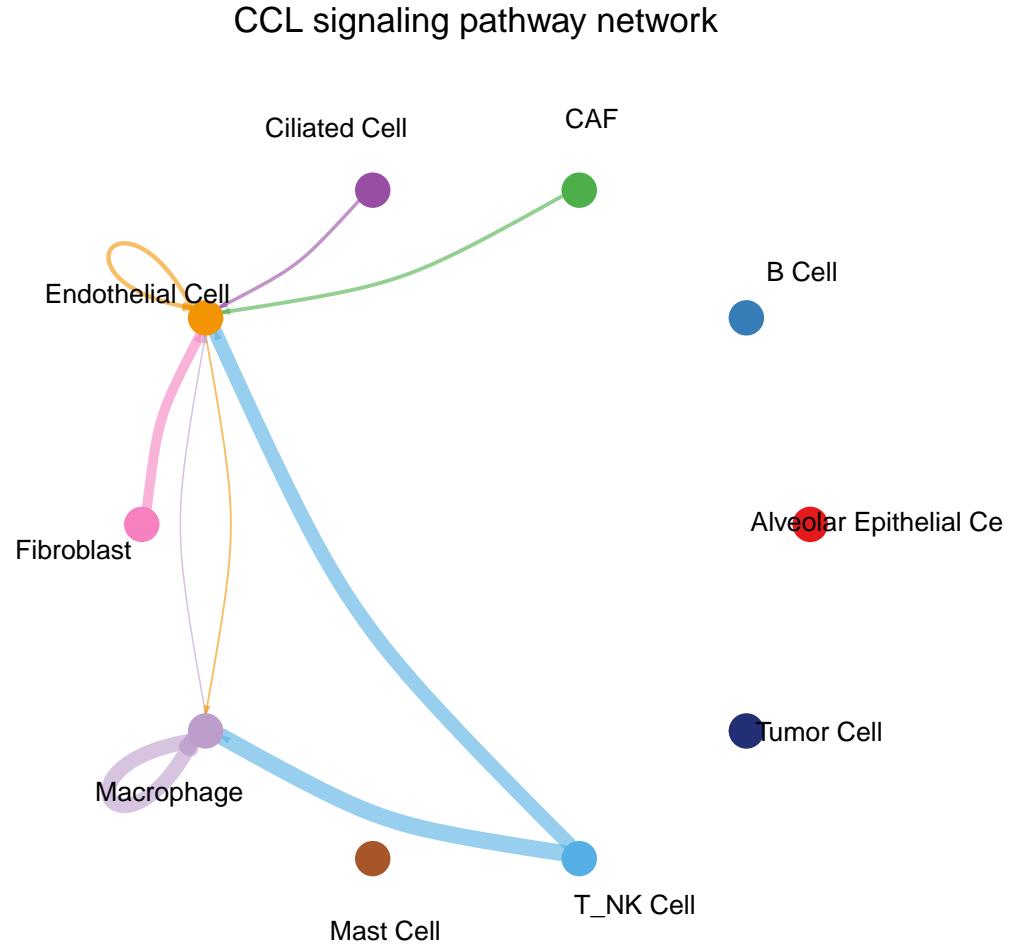
CCL signaling pathway network



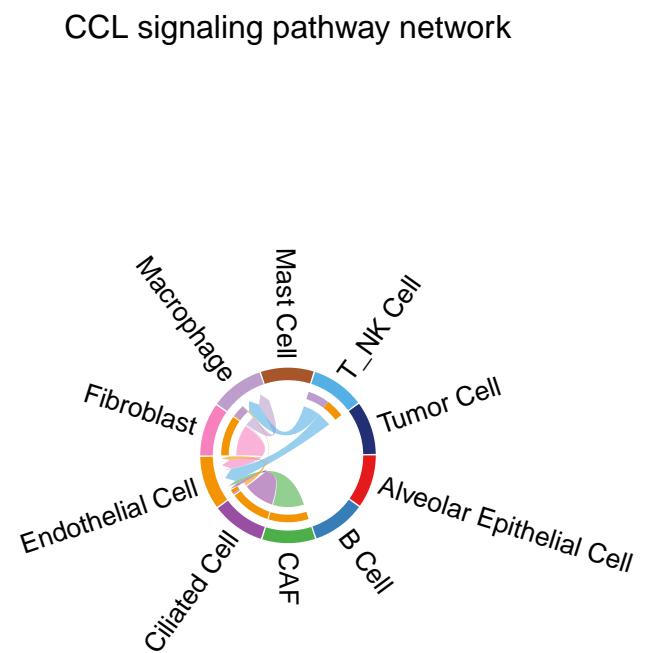


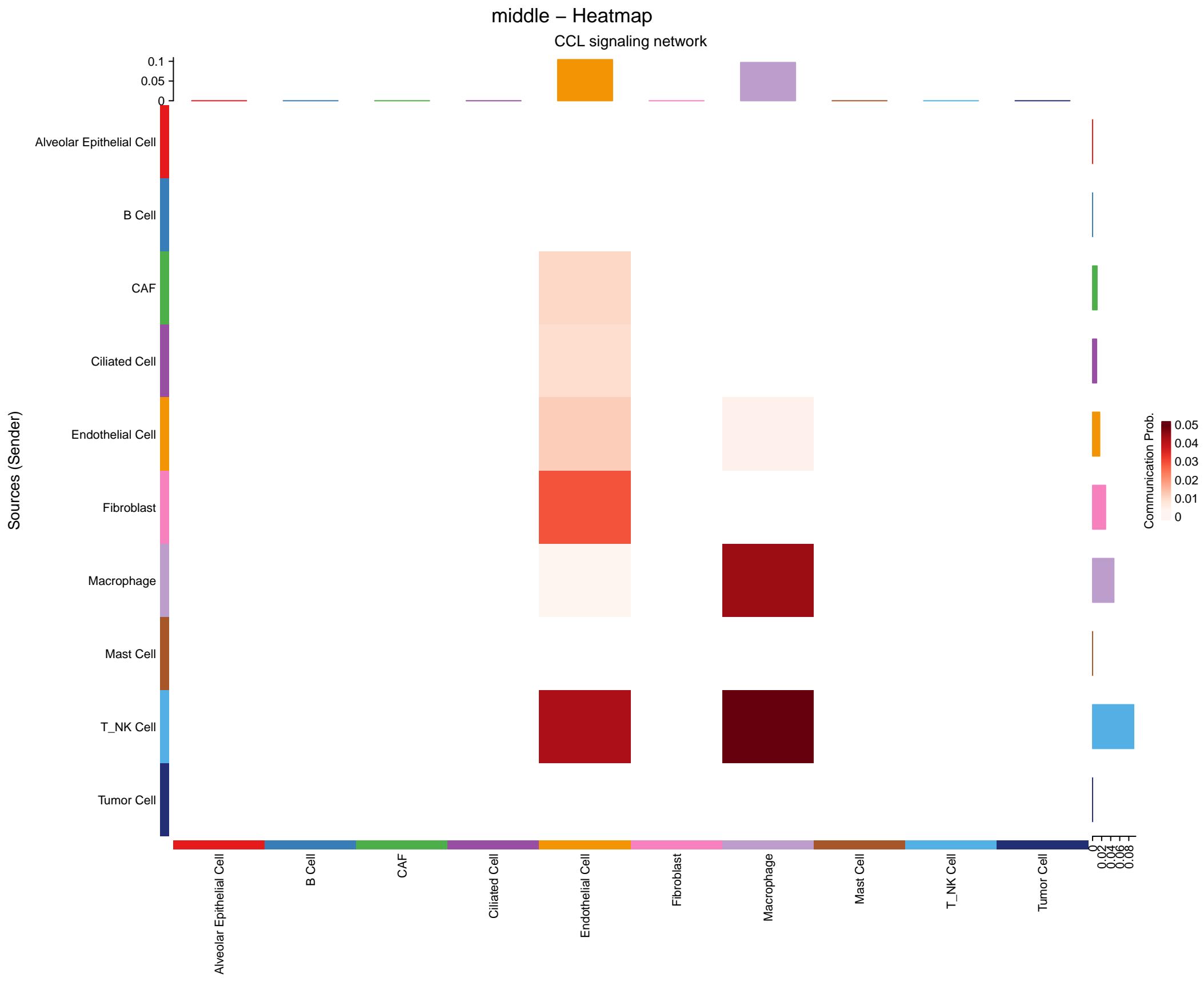


**middle – Circle**



**middle – Chord**





# CCL – Information Flow

