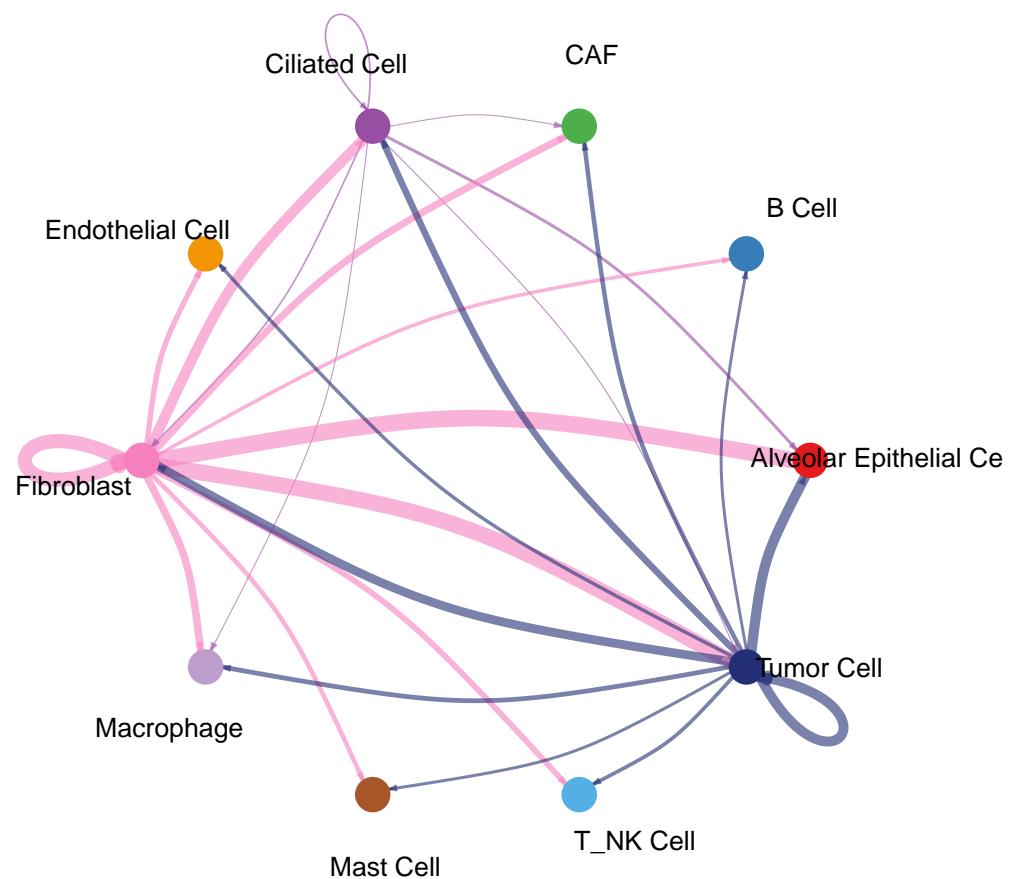


normal: No signaling

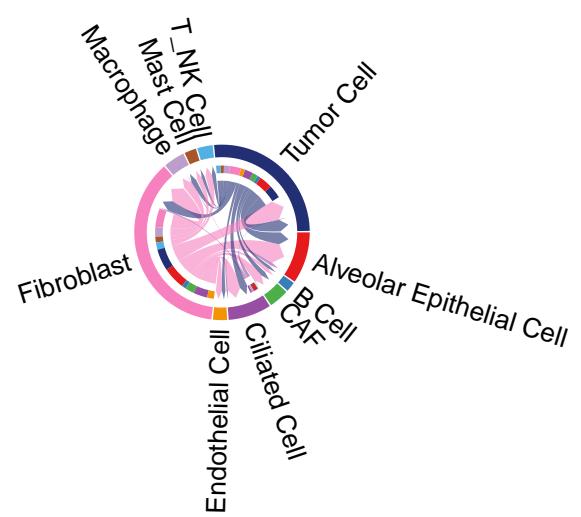
early – Circle

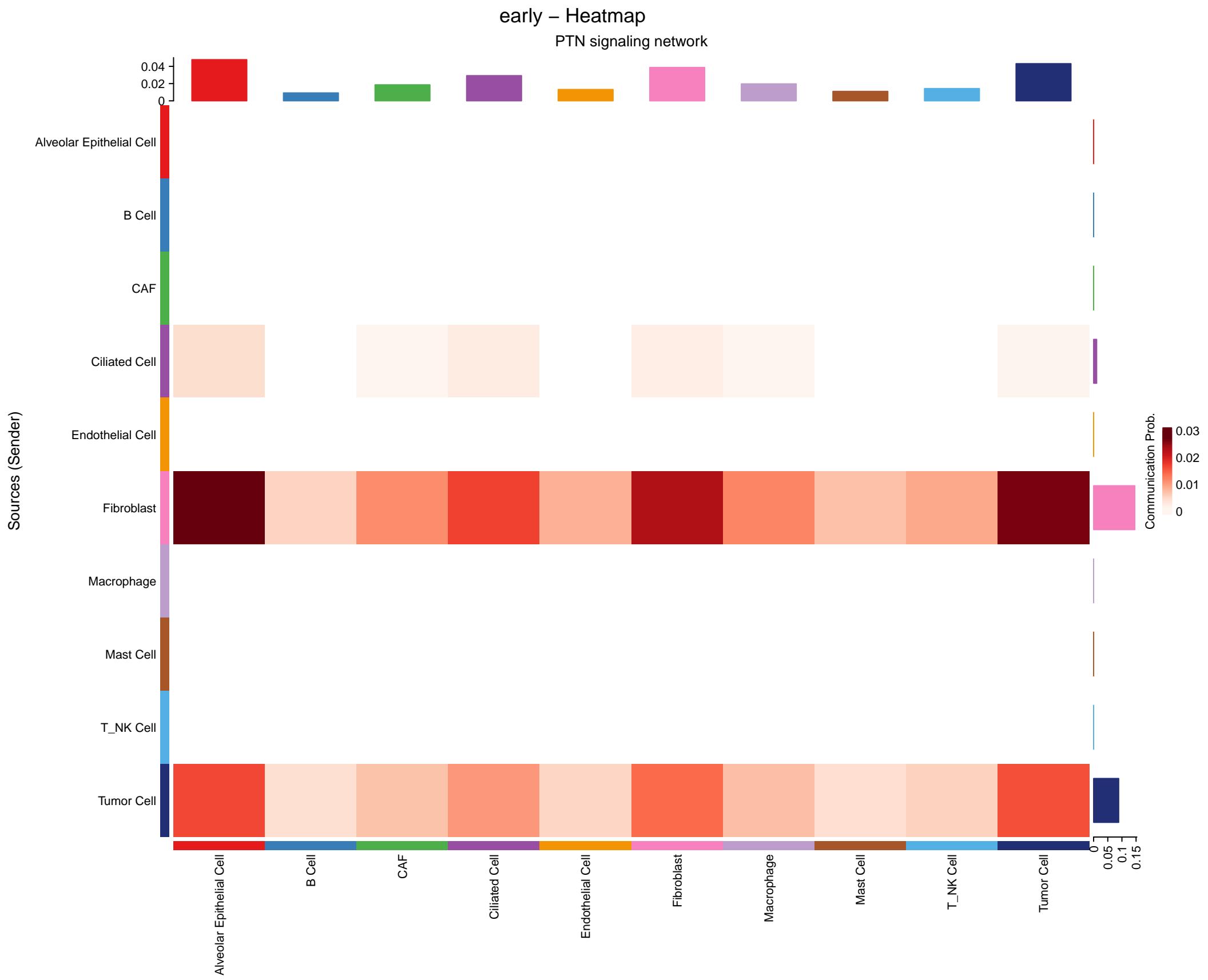
early – Chord

PTN signaling pathway network

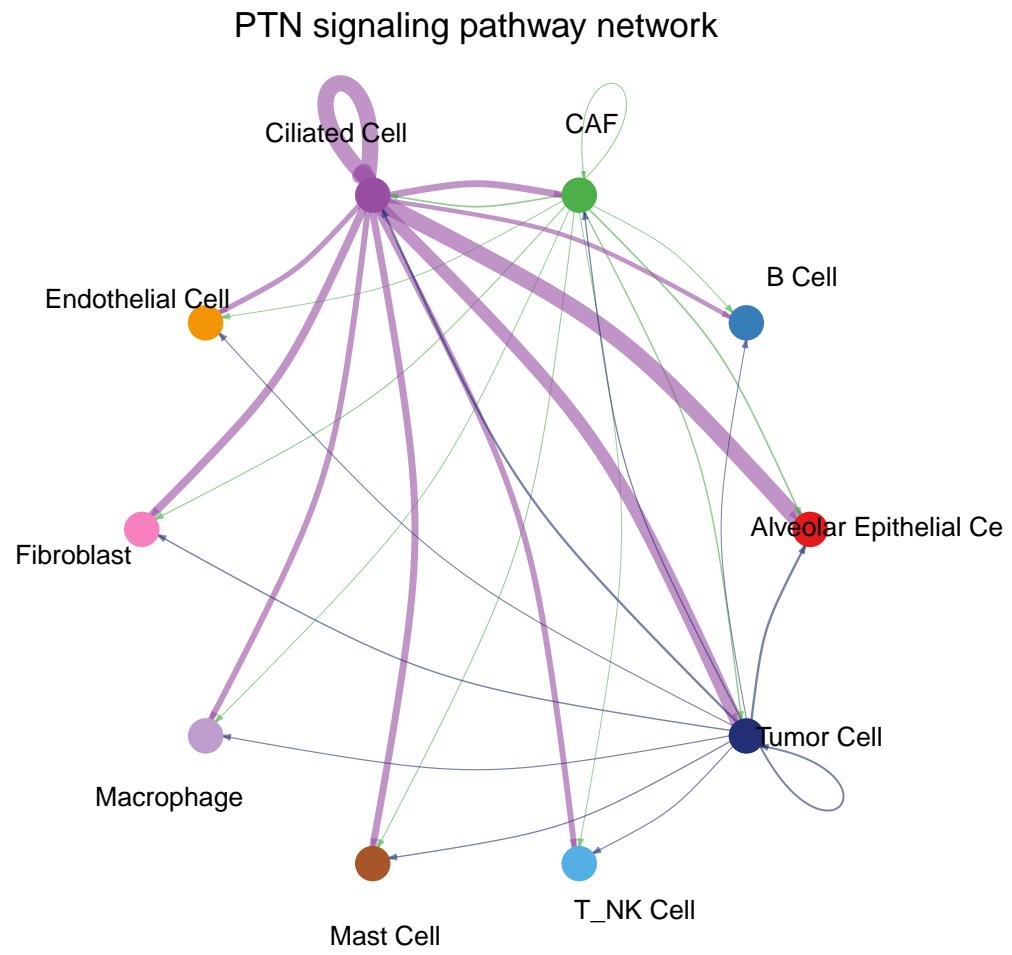


PTN signaling pathway network

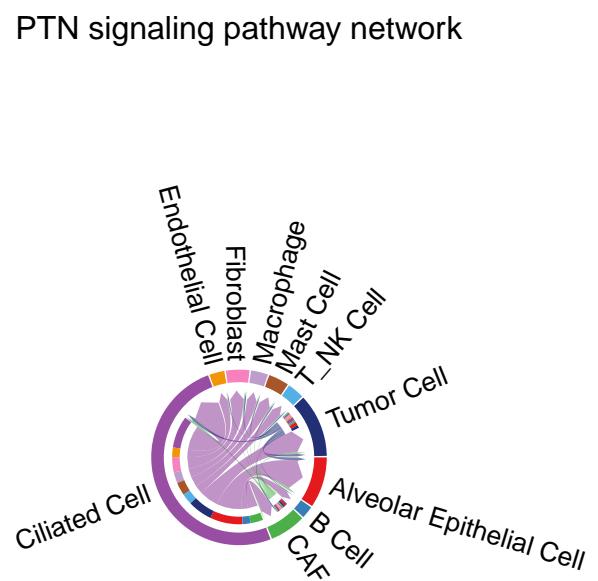


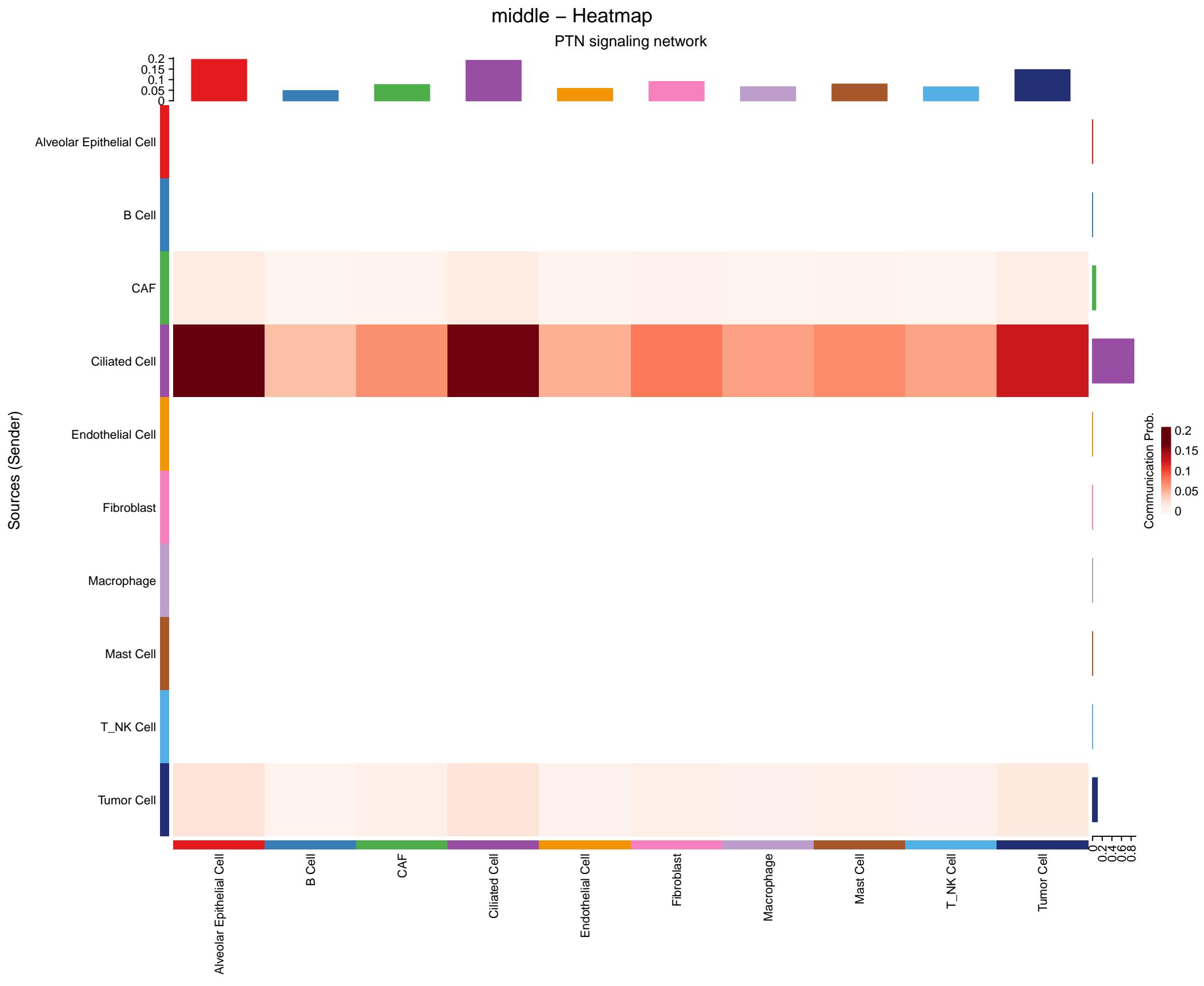


middle – Circle



middle – Chord





PTN – Information Flow

