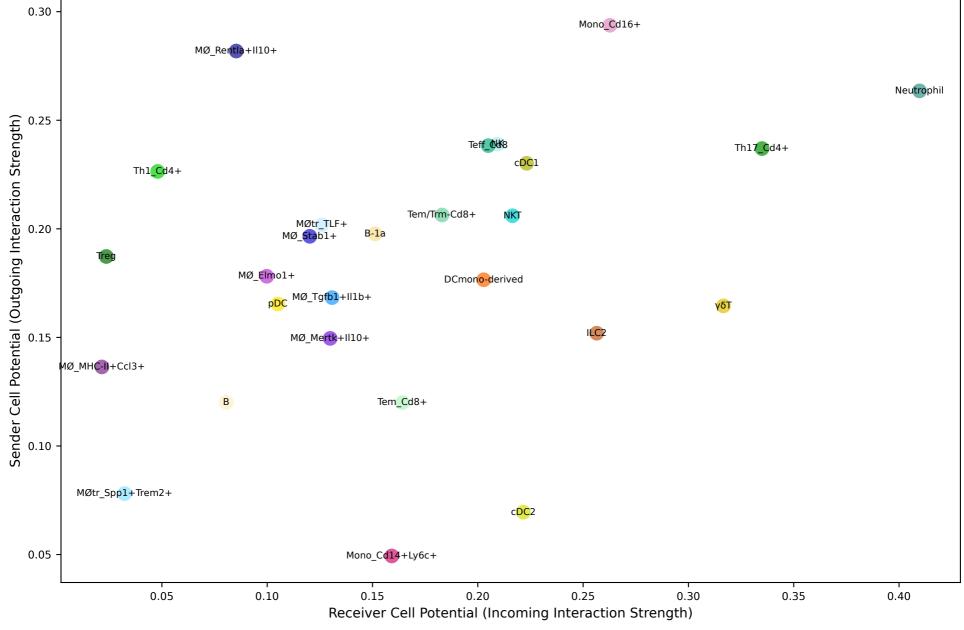
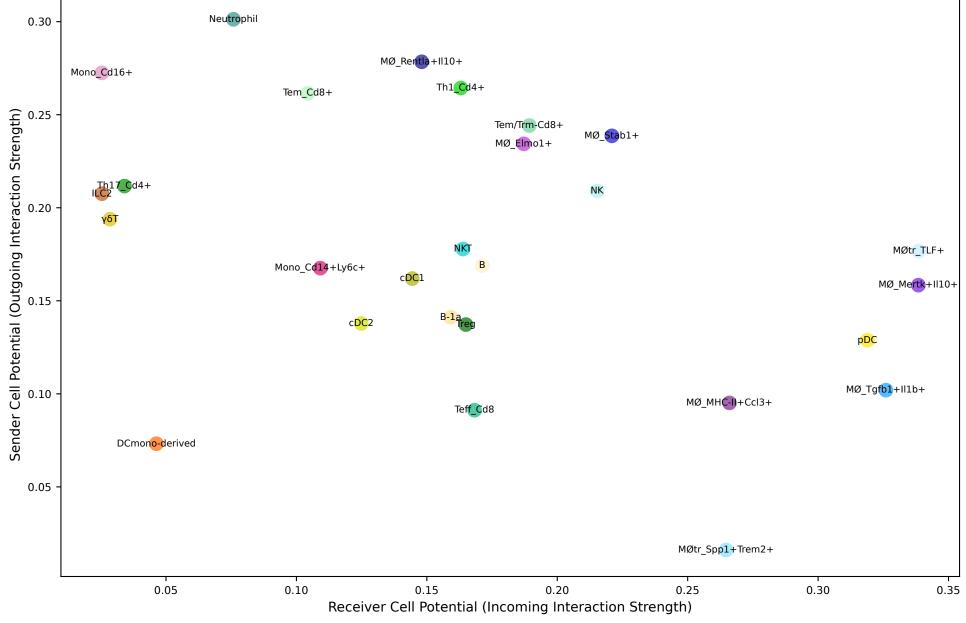
Cell Type Interaction Strengths - Factor 1



Neutrophil



Cell Type Interaction Strengths - Factor 2

Cell Type Interaction Strengths - Factor 3 0.35 MØtr_TLF+ pDC 0.30 MØ_Mertk+II10+ MØ_MHC-II+Cci3+Spp1+Trem2+ NKT В Mono_Cd14+Ly6c+ B-1a cDC2 Teff_Cd8 NK Neutrophil 0.05 cDC1 Th17_Cd4+ DCmono-derived Tem_Cd8+ Tem/Trm-Cd8+ 0.00 0.15 0.20 0.25 0.30 0.05 0.10 Receiver Cell Potential (Incoming Interaction Strength)

Cell Type Interaction Strengths - Factor 4 MØtr_Spp1+Trem2+ 0.35 MØ_MHC-I)+Ccl3+ MØ_Tgfb1+II1b+ 0.30 DCmono-derived Sender Cell Potential (Outgoing Interaction Strength) MØPMertk+II10+ Mono_Cd14+Ly6c+ 0.25 cDC2 MØtr_TLF+ cDC1 Teff_Cd8 0.20 0.15 B-1a NK γ<mark>δΤ</mark> Th1**7**Cd4+ Tem/Trm-Cd8+ 0.10 Tem_Cd8+ Treg Neutrophil Mono_Cd16+ В MØ_<mark>Elm</mark>o1+ 0.05 NKT MØ_Rentla+II10+ Th1Cd4+ ILC₂

0.15

0.20

Receiver Cell Potential (Incoming Interaction Strength)

0.25

0.30

0.10

0.05

Cell Type Interaction Strengths - Factor 5 0.30 MØtr_Spp1+Trem2+ м**б** (-1)+СсІ3+ DCmono-derived cDC1 0.25 NK Sender Cell Potential (Outgoing Interaction Strength) pDC Mono_Cd14+Ly6C+ Motr_TLF+ γδΤ MØ_Tgfb1+II1b+ 0.20 Teff Cd8 Tem Cd8+ Tem/Trm-Cd8+ MØ_Mertk+II10+ B-1a 0.15 NKT Th17_Cd4+ 0.10 Mono_Cd16+ Th1_Cd4+ В 0.05 MØ_Elmo1+ MØ_Stab1+ MØ_Rentla+II10+ Neutrophil 0.15 0.20 0.10 0.25 0.30

Receiver Cell Potential (Incoming Interaction Strength)

Cell Type Interaction Strengths - Factor 6 0.35 Teff_Cd8 0.30 cDC1 γδΤ ILC₂ Neutrophil DCmono-derived Tem/Trm-Cd8+ MØtr_Spp1+Trem2+ Mono_Cd14+Ly6c+ Tem_Cd8+ cDC2 Th17_Cd4+ NK B-1a MØtr_TLF+ pDC MØ Mertk+II10+ MØ_Tgfb1+II1b+ Th1Cd4+ MØ_StapD+Rentla+II10+ В MØ_Elmo1+ 0.05 MØ_MHC-I)+Ccl3+ Mono_Cd16+ 0.00

0.15

Receiver Cell Potential (Incoming Interaction Strength)

0.10

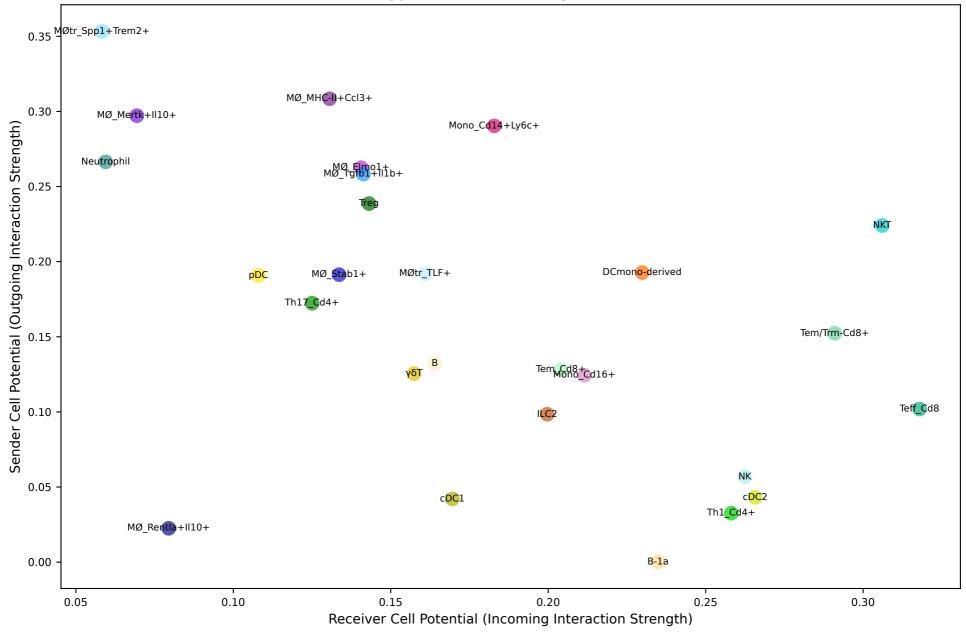
0.05

0.20

0.25

0.30

Cell Type Interaction Strengths - Factor 7



Cell Type Interaction Strengths - Factor 8 0.40 Tem_Cd8+ cDC2 0.35 Sender Cell Potential (Outgoing Interaction Strength) 0.30 Tem/Trm-Cd8+ Mono_Cd14+Ly6c+ NK 0.25 Neutrophil DCmono-derived B-1a MØ_MHC-I)+Ccl3+ 0.20 Th1Cd4+ В Th17_Cd4+ **q€**€1Cd8 0.15 MØ_Tgfb1+II1b+ MØtr_Spp1+Trem2+ MØ_Mertk+II10+ 0.10 MØ_Elmo1+ MØ_Rentla+II10+ 0.05 Mono_Cd16+ MØ_Stab1+ MØtr_TLF+ 0.00

0.20

Receiver Cell Potential (Incoming Interaction Strength)

0.25

0.30

0.35

0.15

0.10

0.05