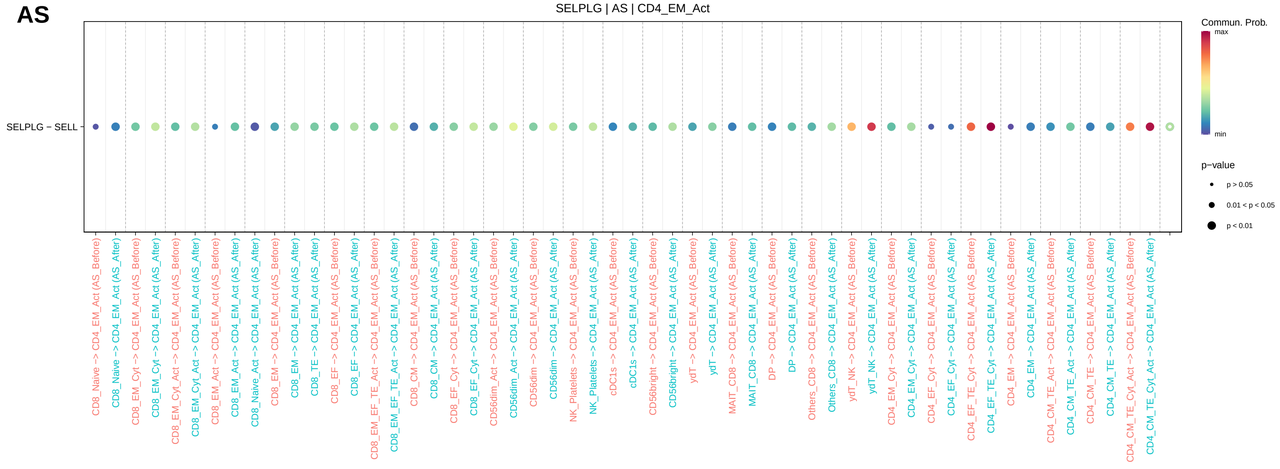
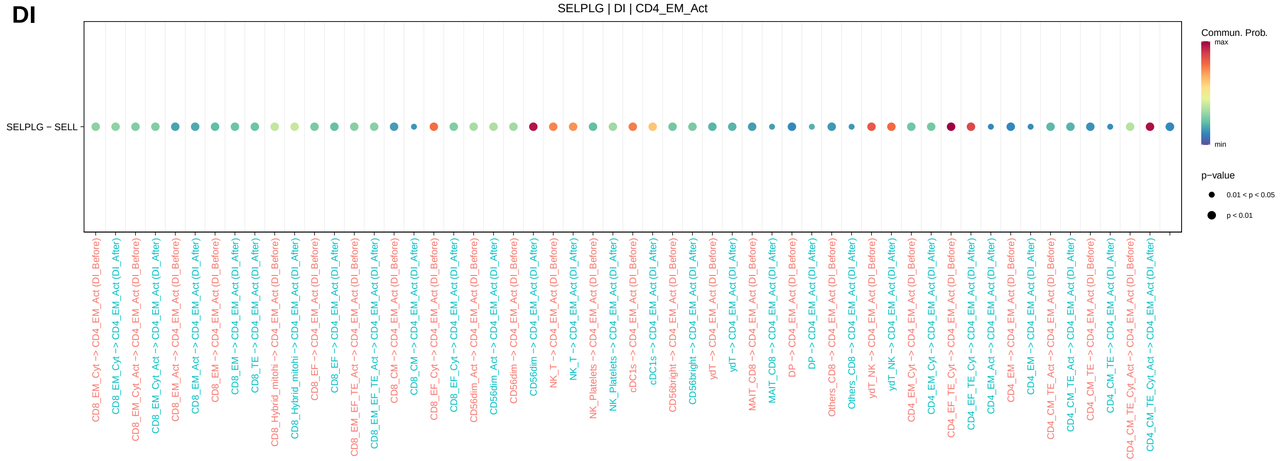
## AS

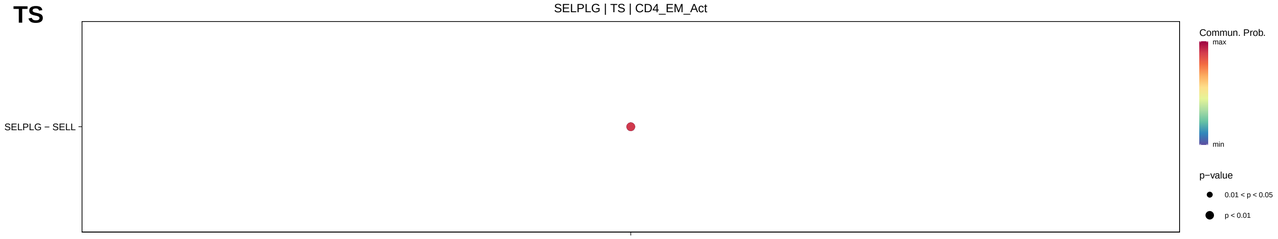

SELPLG | AS | CD4_EM_Act
SELPLG − SELL
CD8_Naive -> CD4_EM_Act (AS_Before)
CD8_Naive -> CD4_EM_Act (AS_After)
CD8_EM_Cyt -> CD4_EM_Act (AS_Before)
CD8_EM_Cyt -> CD4_EM_Act (AS_After)
CD8_EM_Cyt_Act -> CD4_EM_Act (AS_Before)
CD8_EM_Cyt_Act -> CD4_EM_Act (AS_After)
CD8_EM_Act -> CD4_EM_Act (AS_Before)
CD8_EM_Act -> CD4_EM_Act (AS_After)
CD8_Naive_Act -> CD4_EM_Act (AS_After)
CD8_EM -> CD4_EM_Act (AS_Before)
CD8_EM -> CD4_EM_Act (AS_After)
CD8_TE -> CD4_EM_Act (AS_After)
CD8_EF -> CD4_EM_Act (AS_Before)
CD8_EF -> CD4_EM_Act (AS_After)
CD8_EM_EF_TE_Act -> CD4_EM_Act (AS_Before)
CD8_EM_EF_TE_Act -> CD4_EM_Act (AS_After)
CD8_CM -> CD4_EM_Act (AS_Before)
CD8_CM -> CD4_EM_Act (AS_After)
CD8_EF_Cyt -> CD4_EM_Act (AS_Before)
CD8_EF_Cyt -> CD4_EM_Act (AS_After)
CD56dim_Act -> CD4_EM_Act (AS_Before)
CD56dim_Act -> CD4_EM_Act (AS_After)
CD56dim -> CD4_EM_Act (AS_Before)
CD56dim -> CD4_EM_Act (AS_After)
NK_Platelets -> CD4_EM_Act (AS_Before)
NK_Platelets -> CD4_EM_Act (AS_After)
cDC1s -> CD4_EM_Act (AS_After)
cDC1s -> CD4_EM_Act (AS_After)
CD56bright -> CD4_EM_Act (AS_Before)
CD56bright -> CD4_EM_Act (AS_After)
γdT -> CD4_EM_Act (AS_Before)
γdT -> CD4_EM_Act (AS_After)
MAIT_CD8 -> CD4_EM_Act (AS_After)
MAIT_CD8 -> CD4_EM_Act (AS_After)
DP -> CD4_EM_Act (AS_Before)
DP -> CD4_EM_Act (AS_After)
Others_CD8 -> CD4_EM_Act (AS_Before)
Others_CD8 -> CD4_EM_Act (AS_After)
γdT_NK -> CD4_EM_Act (AS_Before)
γdT_NK -> CD4_EM_Act (AS_After)
CD4_EM_Cyt -> CD4_EM_Act (AS_Before)
CD4_EM_Cyt -> CD4_EM_Act (AS_After)
CD4_EM_Cyt -> CD4_EM_Act (AS_After)
CD4_EF_Cyt -> CD4_EM_Act (AS_Before)
CD4_EF_Cyt -> CD4_EM_Act (AS_After)
CD4_EF_TE_Cyt -> CD4_EM_Act (AS_Before)
CD4_EF_TE_Cyt -> CD4_EM_Act (AS_After)
CD4_EM -> CD4_EM_Act (AS_Before)
CD4_EM -> CD4_EM_Act (AS_After)
CD4_CM_TE_Act -> CD4_EM_Act (AS_Before)
CD4_CM_TE_Act -> CD4_EM_Act (AS_After)
CD4_CM_TE -> CD4_EM_Act (AS_Before)
CD4_CM_TE -> CD4_EM_Act (AS_After)
CD4_CM_TE_Cyt_Act -> CD4_EM_Act (AS_Before)
CD4_CM_TE_Cyt_Act -> CD4_EM_Act (AS_After)
Commun. Prob.
max
min
p−value
p > 0.05
0.01 < p < 0.05
p < 0.01

## AD

## DI


SELPLG | DI | CD4_EM_Act
SELPLG − SELL
CD8_EM_Cyt -> CD4_EM_Act (DI_Before)
CD8_EM_Cyt -> CD4_EM_Act (DI_After)
CD8_EM_Cyt_Act -> CD4_EM_Act (DI_Before)
CD8_EM_Cyt_Act -> CD4_EM_Act (DI_After)
CD8_EM_Act -> CD4_EM_Act (DI_Before)
CD8_EM_Act -> CD4_EM_Act (DI_After)
CD8_EM -> CD4_EM_Act (DI_Before)
CD8_EM -> CD4_EM_Act (DI_After)
CD8_TE -> CD4_EM_Act (DI_After)
CD8_Hybrid_mitoh -> CD4_EM_Act (DI_Before)
CD8_Hybrid_mitoh -> CD4_EM_Act (DI_After)
CD8_EF -> CD4_EM_Act (DI_Before)
CD8_EF -> CD4_EM_Act (DI_After)
CD8_EM_EF_TE_Act -> CD4_EM_Act (DI_Before)
CD8_EM_EF_TE_Act -> CD4_EM_Act (DI_After)
CD8_CM -> CD4_EM_Act (DI_After)
CD8_CM -> CD4_EM_Act (DI_After)
CD8_EF_Cyt -> CD4_EM_Act (DI_Before)
CD8_EF_Cyt -> CD4_EM_Act (DI_After)
CD56dim_Act -> CD4_EM_Act (DI_Before)
CD56dim_Act -> CD4_EM_Act (DI_After)
CD56dim -> CD4_EM_Act (DI_After)
CD56dim -> CD4_EM_Act (DI_After)
NK_T -> CD4_EM_Act (DI_Before)
NK_T -> CD4_EM_Act (DI_After)
NK_Platelets -> CD4_EM_Act (DI_Before)
NK_Platelets -> CD4_EM_Act (DI_After)
cDC1s -> CD4_EM_Act (DI_After)
cDC1s -> CD4_EM_Act (DI_After)
CD56bright -> CD4_EM_Act (DI_Before)
CD56bright -> CD4_EM_Act (DI_After)
γdT -> CD4_EM_Act (DI_After)
γdT -> CD4_EM_Act (DI_After)
MAIT_CD8 -> CD4_EM_Act (DI_Before)
MAIT_CD8 -> CD4_EM_Act (DI_After)
DP -> CD4_EM_Act (DI_Before)
DP -> CD4_EM_Act (DI_After)
Others_CD8 -> CD4_EM_Act (DI_Before)
Others_CD8 -> CD4_EM_Act (DI_After)
γdT_NK -> CD4_EM_Act (DI_Before)
γdT_NK -> CD4_EM_Act (DI_After)
CD4_EM_Cyt -> CD4_EM_Act (DI_After)
CD4_EM_Cyt -> CD4_EM_Act (DI_After)
CD4_EF_TE_Cyt -> CD4_EM_Act (DI_Before)
CD4_EF_TE_Cyt -> CD4_EM_Act (DI_After)
CD4_EM_Act -> CD4_EM_Act (DI_After)
CD4_EM -> CD4_EM_Act (DI_Before)
CD4_EM -> CD4_EM_Act (DI_After)
CD4_CM_TE_Act -> CD4_EM_Act (DI_Before)
CD4_CM_TE_Act -> CD4_EM_Act (DI_After)
CD4_CM_TE -> CD4_EM_Act (DI_Before)
CD4_CM_TE -> CD4_EM_Act (DI_After)
CD4_CM_TE_Cyt_Act -> CD4_EM_Act (DI_Before)
CD4_CM_TE_Cyt_Act -> CD4_EM_Act (DI_After)
Commun. Prob.
max
min
p−value
0.01 < p < 0.05
p < 0.01

## TS


SELPLG | TS | CD4_EM_Act
SELPLG − SELL
Commun. Prob.
max
min
p−value
0.01 < p < 0.05
p < 0.01