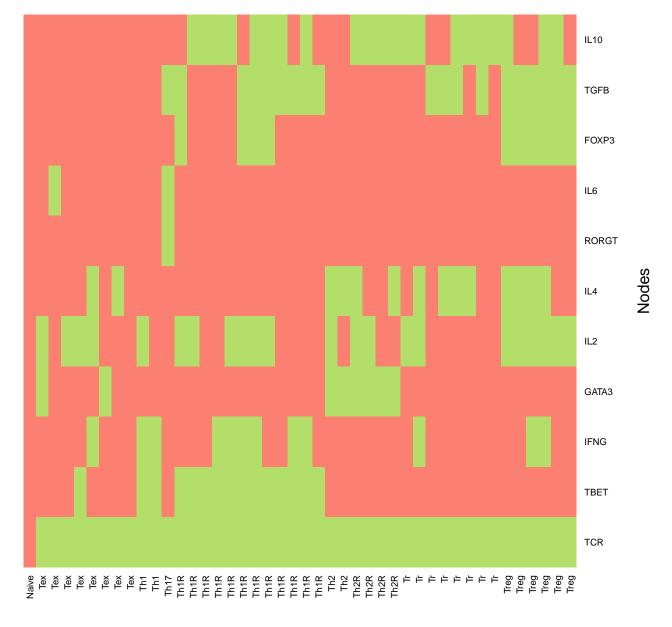
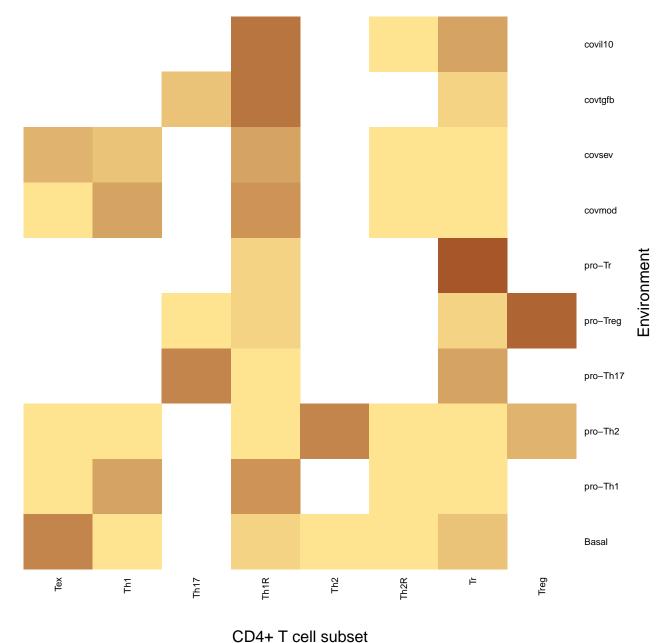
Attractors of the CD4+ T cell network (steady states)

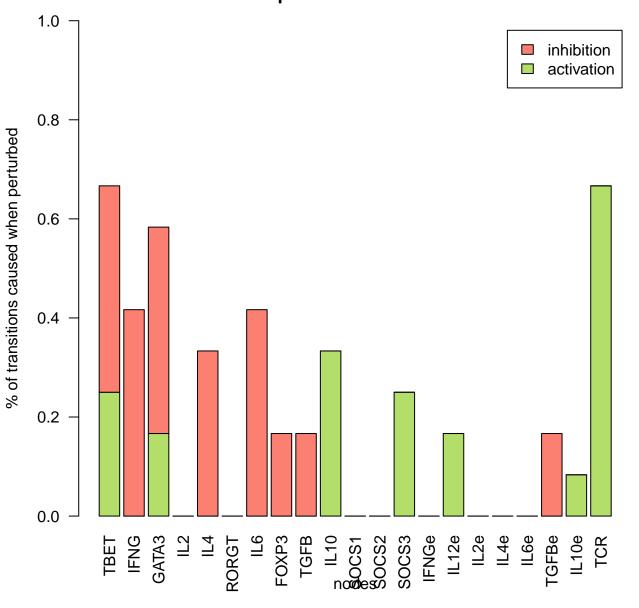


Attractor

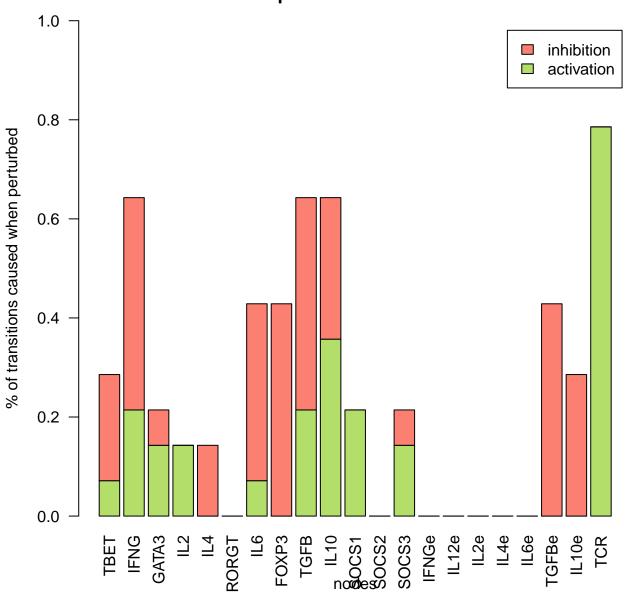
CD4+ T subsets by environment



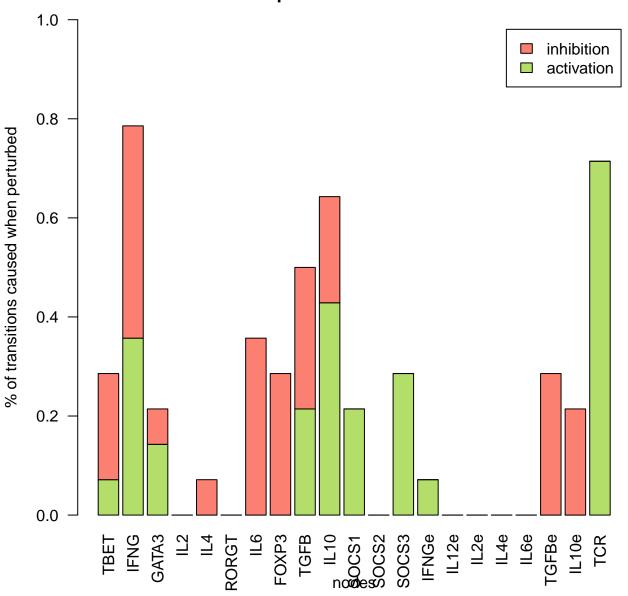
Transitions among subsets by node in covil10 with perturbations of time 1



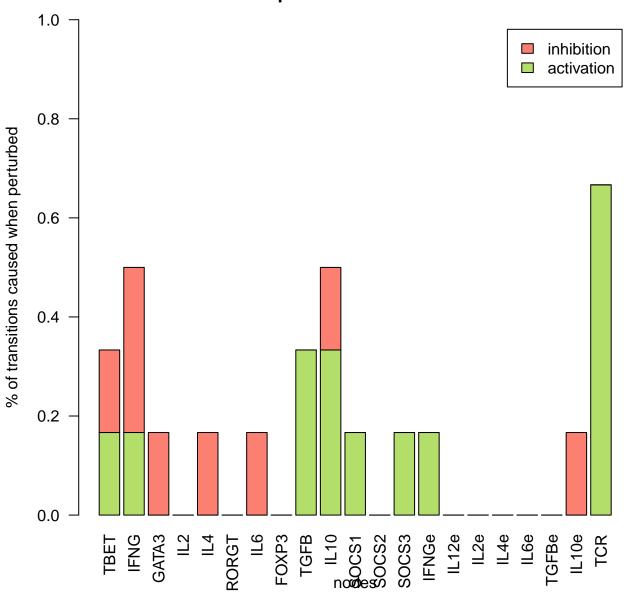
Transitions among subsets by node in covmod with perturbations of time 1



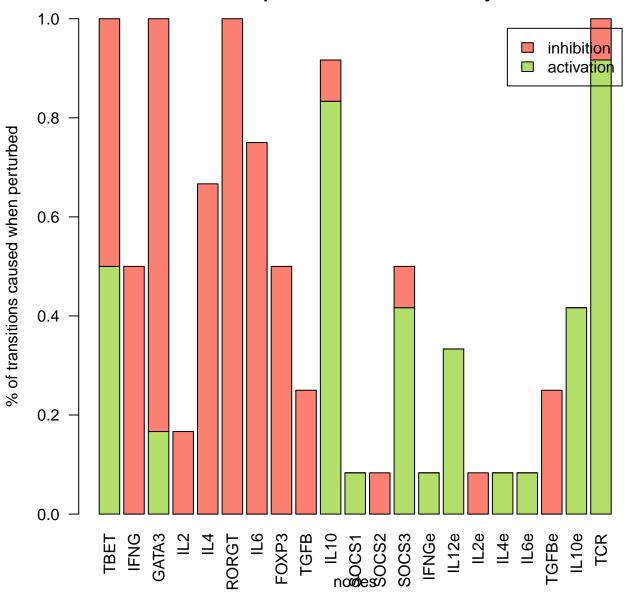
Transitions among subsets by node in covsev with perturbations of time 1



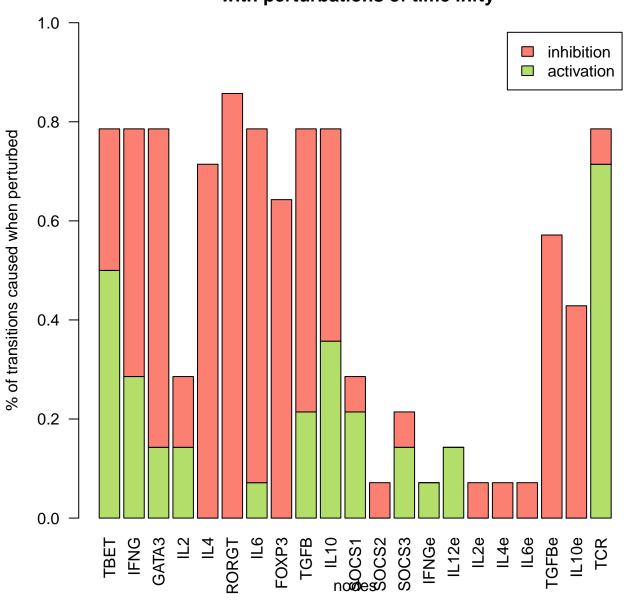
Transitions among subsets by node in covtgfb with perturbations of time 1



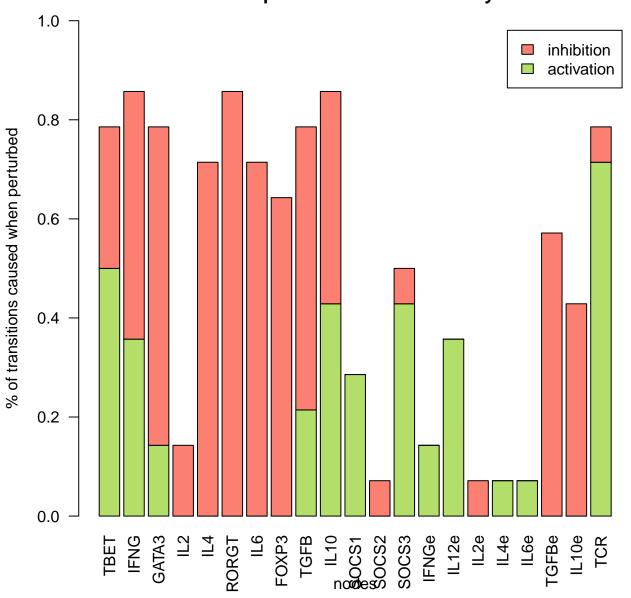
Transitions among subsets by node in covil10 with perturbations of time infty



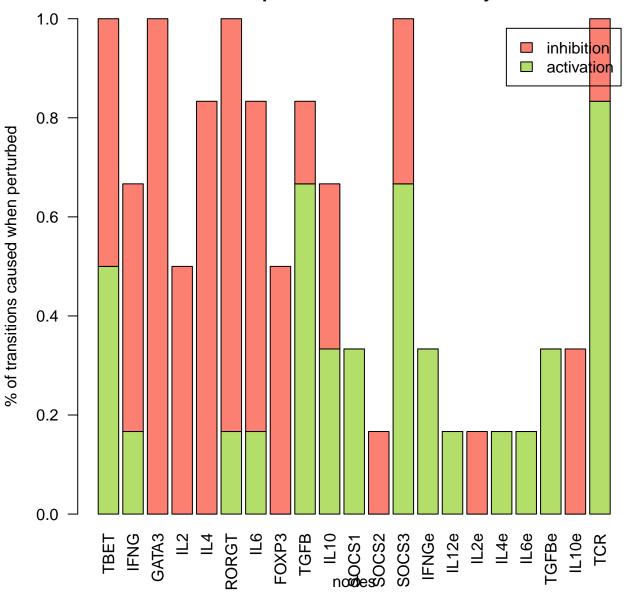
Transitions among subsets by node in covmod with perturbations of time infty

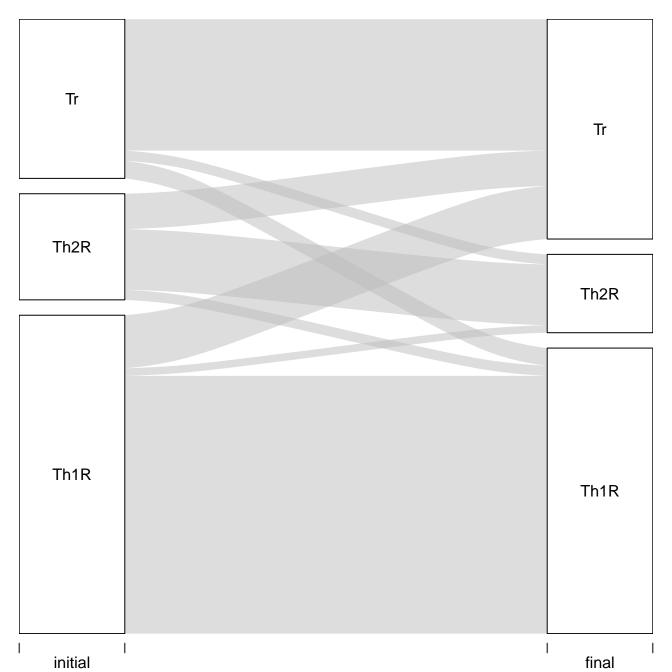


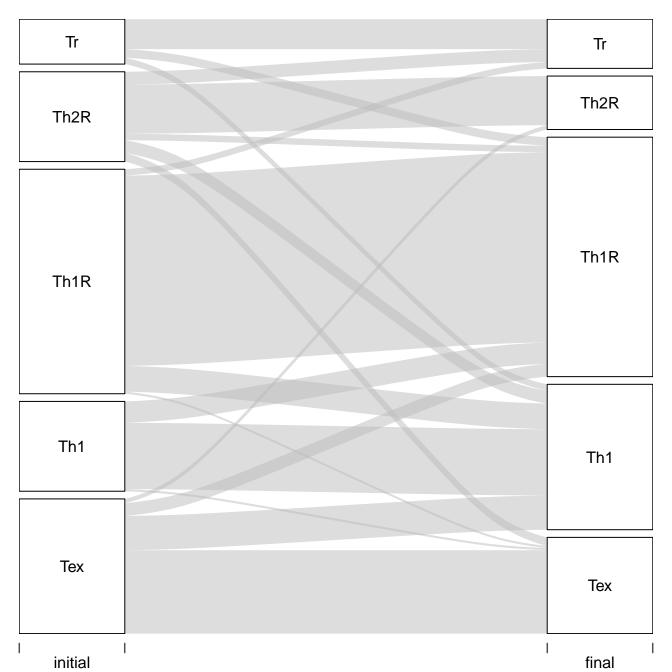
Transitions among subsets by node in covsev with perturbations of time infty

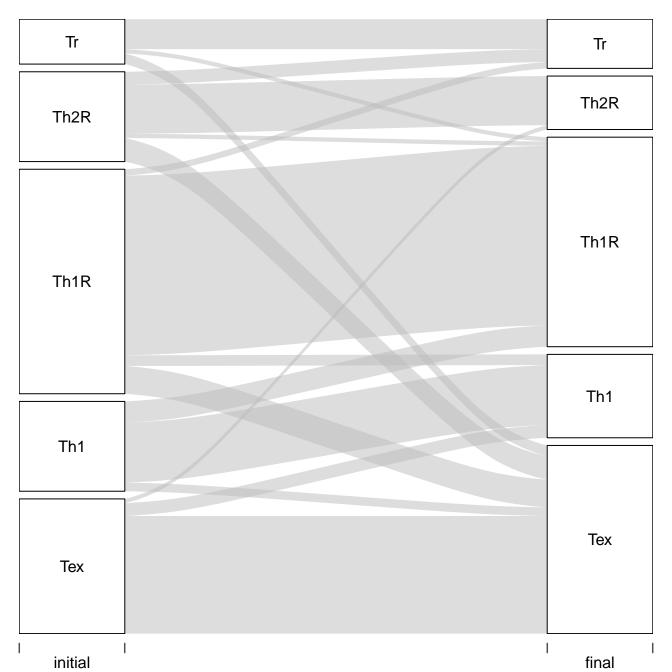


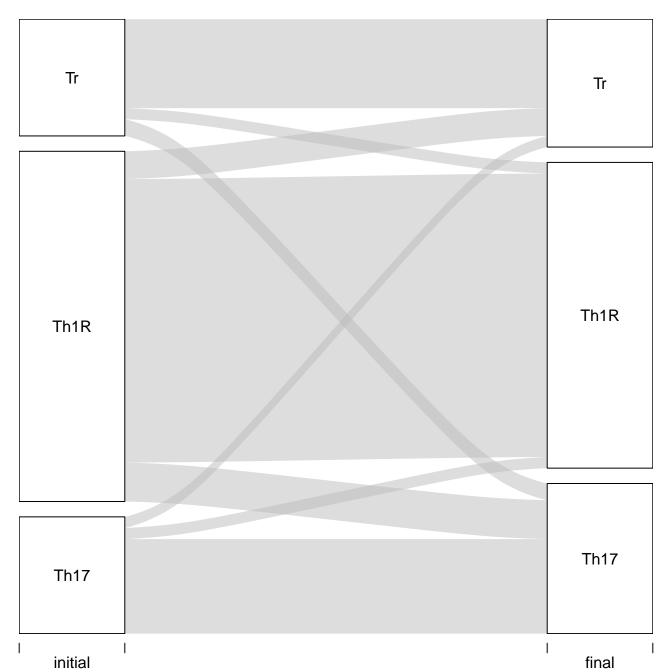
Transitions among subsets by node in covtgfb with perturbations of time infty

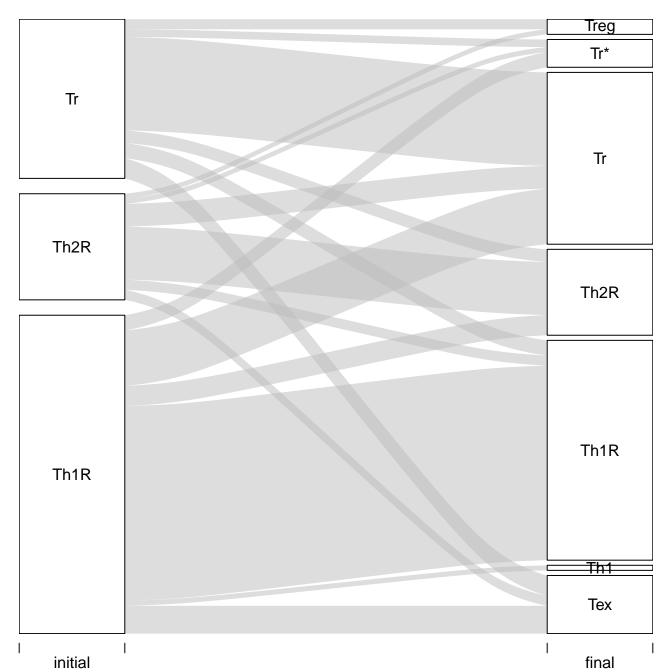


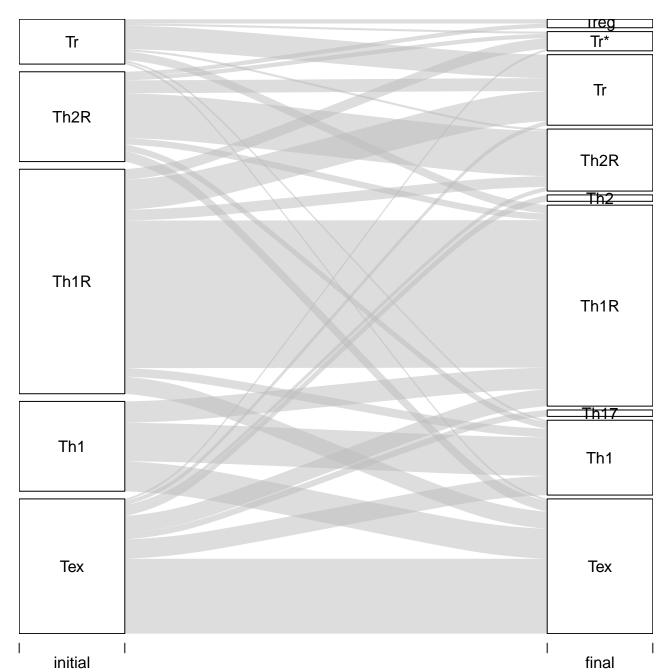


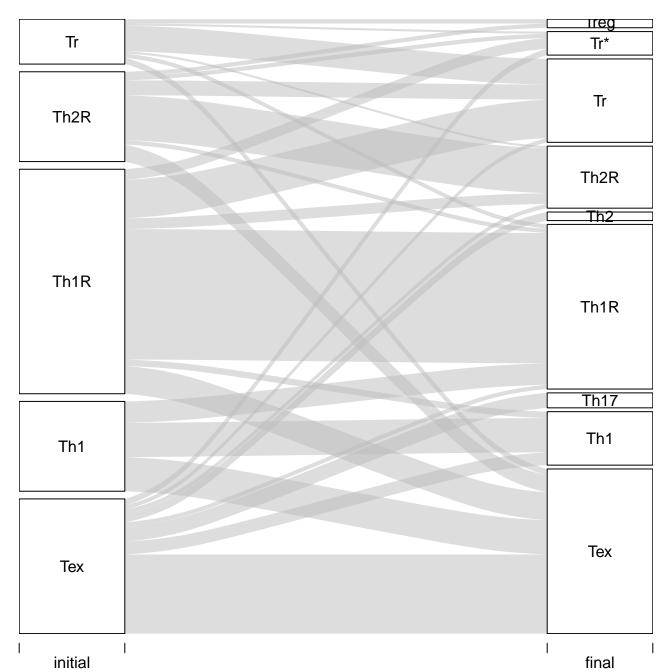


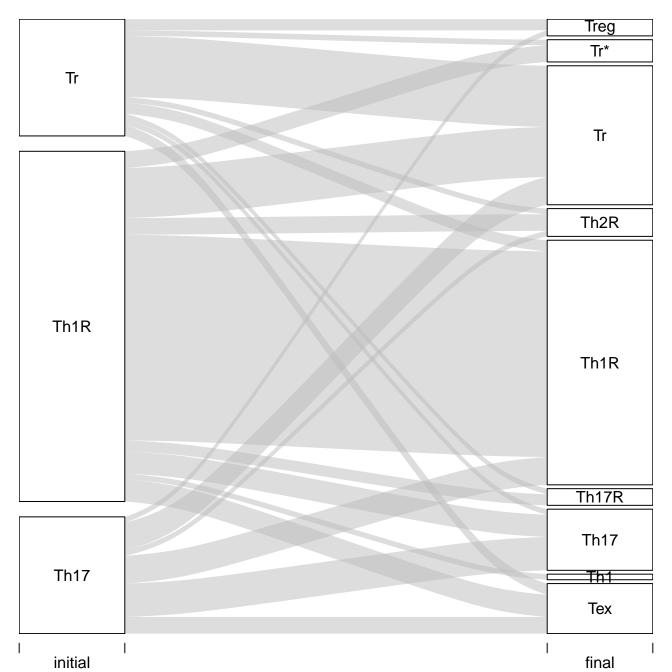












with perturbations of time infty SOCSall_1 SOCSall_0 TCR_1 IL10e_1 TGFBe_1 IL6e_1 IL4e_1 IL2e_1 IL12e_1 IFNGe_1 SOCS3_1 SOCS2_1 SOCS1_1 IL10_1 TGFB_1 FOXP3_1 IL6_1 RORGT_1 IL4_1 IL2_1 GATA3_1 IFNG_1 TBET_1 TCR_0 IL10e_0 TGFBe_0 IL6e_0 IL4e_0 IL2e_0 IL12e_0 IFNGe_0 SOCS3_0 SOCS2_0 SOCS1_0 IL10_0 TGFB_0 FOXP3_0 IL6_0 RORGT_0 IL4_0 IL2_0 GATA3_0 IFNG_0 TBET_0 WT Attractor Th1R ĕ TexTex Th17 Th17RTex Th1RTex Th2 Th2R Treg Th1 Th1RTh17RTex Th2RTh17RTex NoLabel Tex/Th17 Tex/Th17/Tex/Tex x/Th17/Th17/Tex

with perturbations of time infty SOCSall_1 SOCSall_0 TCR_1 IL10e_1 TGFBe_1 IL6e_1 IL4e_1 IL2e_1 IL12e_1 IFNGe_1 SOCS3_1 SOCS2_1 SOCS1_1 IL10_1 TGFB_1 FOXP3_1 IL6_1 RORGT_1 IL4_1 IL2_1 GATA3_1 IFNG_1 TBET_1 TCR_0 IL10e_0 TGFBe_0 IL6e_0 IL4e_0 IL2e_0 IL12e_0 IFNGe_0 SOCS3_0 SOCS2_0 SOCS1_0 IL10_0 TGFB_0 FOXP3_0 IL6_0 RORGT_0 IL4_0 IL2_0 GATA3_0 IFNG_0 TBET_0 WT Attractor Th1R NoLabel Тeх Tex/Th17 TexTex Th1 Th17 Th17RTex **Th1RTex** Th2 Th2R Treg Th2RTh17RTex Tex/Th17/Tex/Tex x/Th17/Th17/Tex Th1RTh17RTex

with perturbations of time infty SOCSall_1 SOCSall_0 TCR_1 IL10e_1 TGFBe_1 IL6e_1 IL4e_1 IL2e_1 IL12e_1 IFNGe_1 SOCS3_1 SOCS2_1 SOCS1_1 IL10_1 TGFB_1 FOXP3_1 IL6_1 RORGT_1 IL4_1 IL2_1 GATA3_1 IFNG_1 TBET_1 TCR_0 IL10e_0 TGFBe_0 IL6e_0 IL4e_0 IL2e_0 IL12e_0 IFNGe_0 SOCS3_0 SOCS2_0 SOCS1_0 IL10_0 TGFB_0 FOXP3_0 IL6_0 RORGT_0 IL4_0 IL2_0 GATA3_0 IFNG_0 TBET_0 WT Attractor Th17RTex Th1R NoLabel Тeх Tex/Th17 TexTex Th1 Th17 **Th1RTex** Th2 Th2R Treg Th2RTh17RTex Tex/Th17/Tex/Tex x/Th17/Th17/Tex Th1RTh17RTex

with perturbations of time infty SOCSall_1 SOCSall_0 TCR_1 IL10e_1 TGFBe_1 IL6e_1 IL4e_1 IL2e_1 IL12e_1 IFNGe_1 SOCS3_1 SOCS2_1 SOCS1_1 IL10_1 TGFB_1 FOXP3_1 IL6_1 RORGT_1 IL4_1 IL2_1 GATA3_1 IFNG_1 TBET_1 TCR_0 IL10e_0 TGFBe_0 IL6e_0 IL4e_0 IL2e_0 IL12e_0 IFNGe_0 SOCS3_0 SOCS2_0 SOCS1_0 IL10_0 TGFB_0 FOXP3_0 IL6_0 RORGT_0 IL4_0 IL2_0 GATA3_0 IFNG_0 TBET_0 WT Aftractor Th177 Th177 Th178 Th1R NoLabel TexTex Th17 Th1RTex Th2 Th2R Treg Th1 Th2RTh17RTex Tex/Th17/Tex/Tex x/Th17/Th17/Tex Th17RTex Th1RTh17RTex

