AD S.aureus Group Memory IL10+-Th1-Vd2-CD8-Th2-Memory exTh17-Vd1-CD4-Th17-Memory Trans Th17-Memory CD4-Prolif Memory CD4-Memory IL4+-Memory Treg-Memory Th1-CD4+CD45RO+-Memory IL13+-Treg-Memory IL4+IL13+- exTh17- -Memory Th17-Intercept - --4 **Regression Coefficient**