

Interpretation of MDS coordinates

B_MDS1 showed no significant association with any subset. This coordinate is thought to correspond to complex changes that do not depend on a particular subset. B_MDS2 showed a significant negative association with CD19+IgD+CD21-CD27+ and CD19+IgD+CD21+CD27+. CD19+IgD+CD21-CD27+ contains plasma cells and CD19+IgD+CD21+CD27+ is annotated to non-switched memory B cells. B_MDS3 showed a significant negative association with CD19+IgD+CD21+CD27-, which is annotated to naive B cells. B_MDS4 and B_MDS5 also showed a significant negative association with CD19-IgD-CD21-CD27+, which contains plasma cells.

T_MDS1 showed a negative correlation with CD4-CD8-CD45RA-CD45RO+CD25-CCR7+ and CD4-CD8+CD45RA-CD45RO+CD25-CCR7-, which are annotated to CD4-CD8- memory T cells and CD8+ memory T cells, respectively. In addition, T_MDS1 showed a positive correlation with CD4+CD8-CD45RA+CD45RO-CD25-CCR7+ and CD4+CD8-CD45RA+CD45RO-CD25+CCR7-, which are annotated to CD4+ naive T cells and resting Tregs, respectively.

T_MDS2 showed a negative correlation with CD4-CD8+CD45RA+CD45RO-CD25-CCR7+ and CD4+CD8-CD45RA+CD45RO-CD25-CCR7+, which are annotated to CD8+ naive T cells and CD4+ naive T cells, respectively. In addition, T_MDS2 showed a positive correlation with CD4-CD8+CD45RA+CD45RO-CD25-CCR7-, which is annotated to CD8+ exhausted T cells.