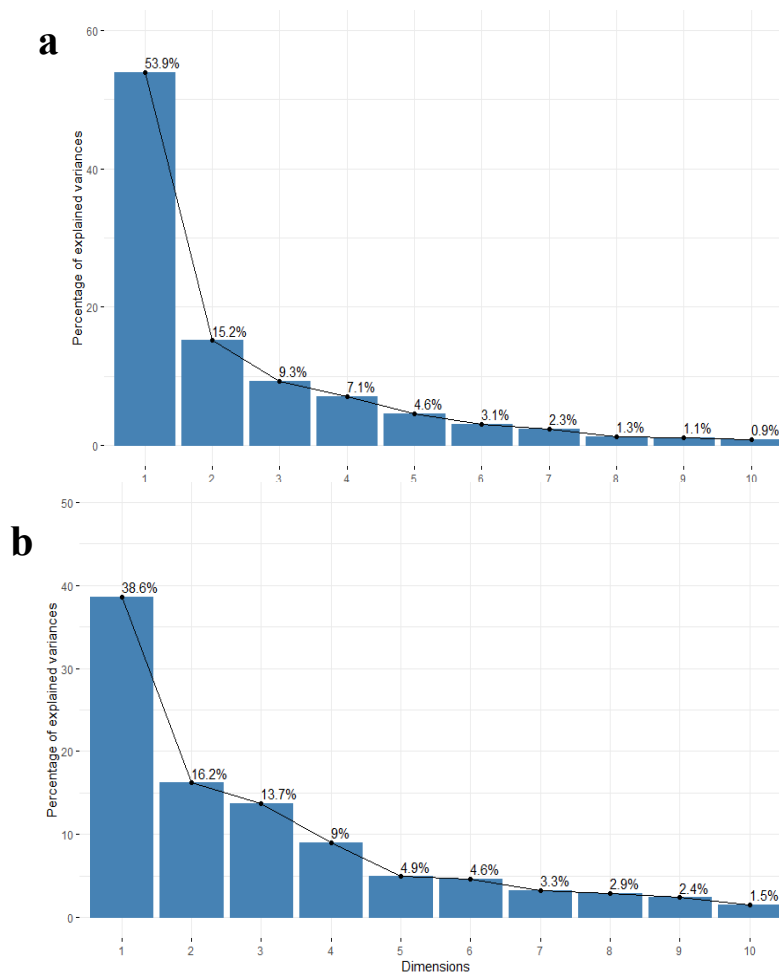
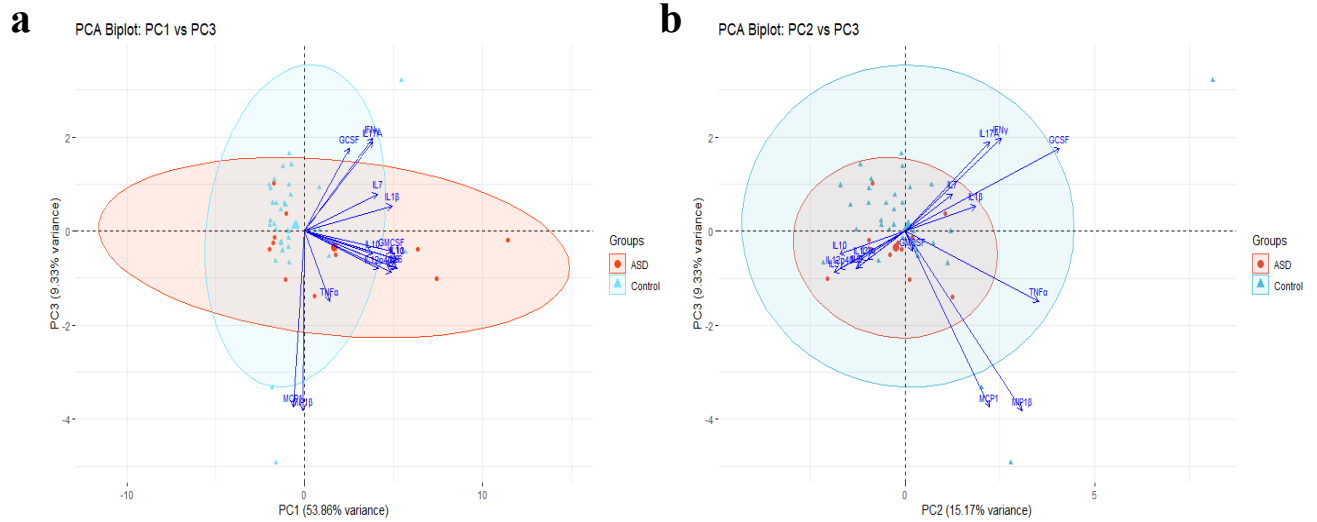


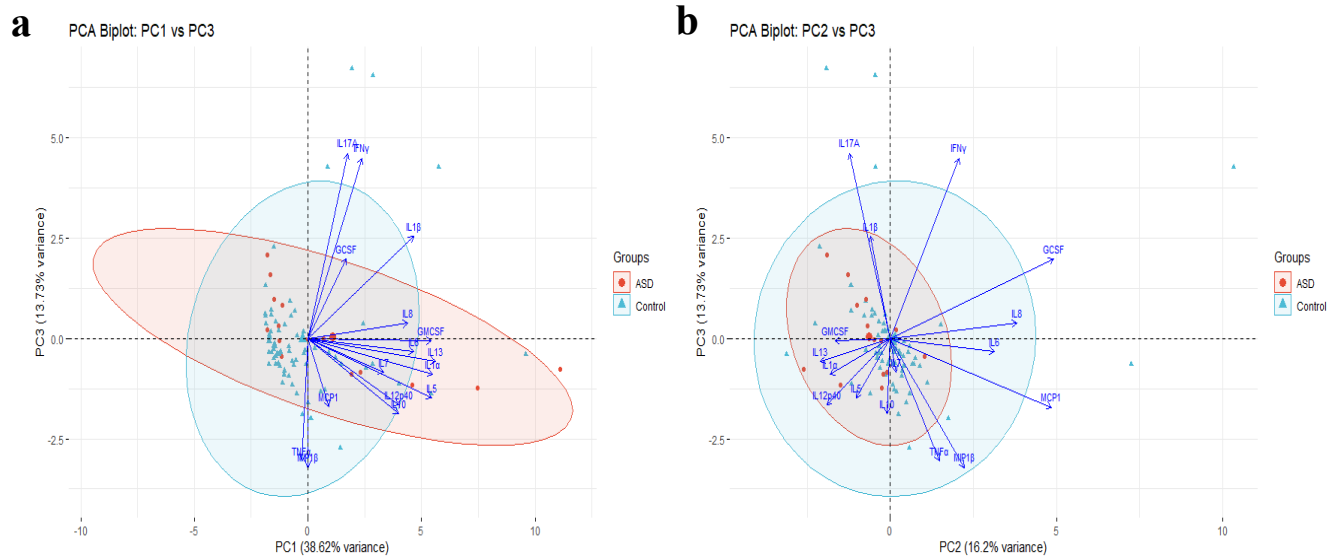
Supplementary Figures:



Supplementary Figure S1: The scree plots illustrate the percentage of variance explained by the first 10 principal components derived from (a) maternal pregnancy and (b) cord blood cytokines and chemokines. Here, the X axis represents the principal components, and the Y axis illustrates proportion of variance explained by each component.



Supplementary Figure S2: Biplots of principal component scores representing the factor loadings by individual cytokines and chemokines. (a) PC1 vs PC3 and (b) PC2 vs PC3, biplot derived from the maternal gestational cytokines and chemokines. Here, ASD, autism spectrum disorder; IL, interleukin; IFN, interferon; TNF, tumor necrosis factor; MCP, monocyte chemotactic protein; MIP, macrophage inflammatory protein; G-CSF, granulocyte colony-stimulating factor; GM-CSF, granulocyte-macrophage colony-stimulating factor.



Supplementary Figure S3: Biplots of principal component scores representing the factor loadings by individual cytokines and chemokines. (a) PC1 vs PC3 and (b) PC2 vs PC3, biplot derived from the cord blood cytokines and chemokines. Here, ASD, autism spectrum disorder; IL, interleukin; IFN, interferon; TNF, tumor necrosis factor; MCP, monocyte chemotactic protein; MIP, macrophage inflammatory protein; G-CSF, granulocyte colony-stimulating factor; GM-CSF, granulocyte-macrophage colony-stimulating factor.