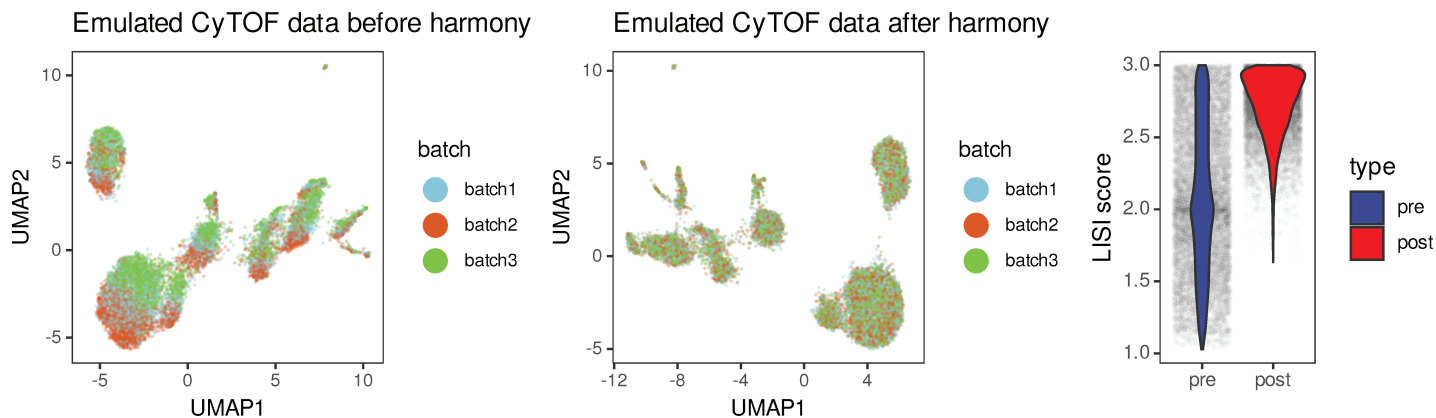
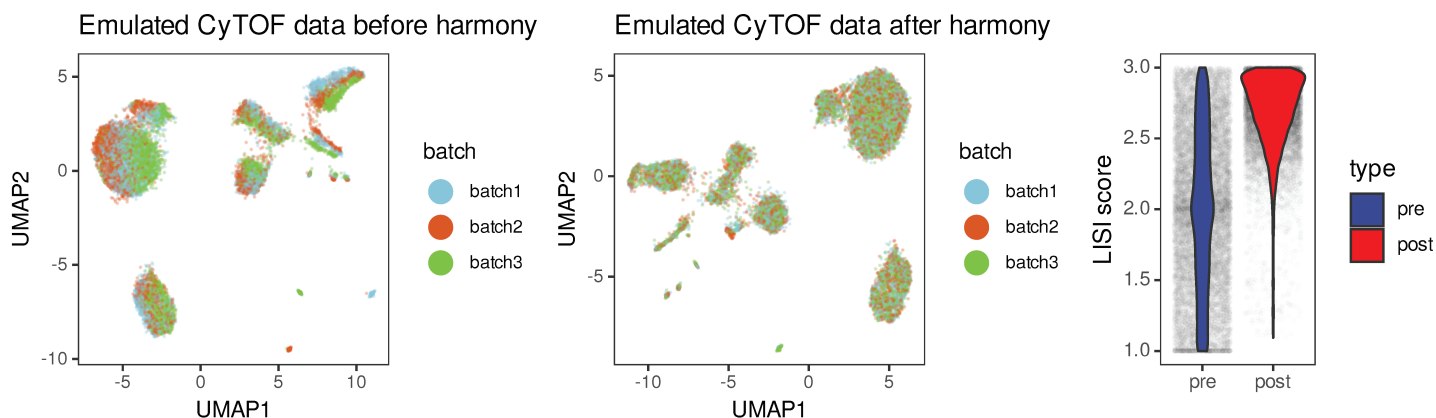


a**b**

Supplementary Data 4: Validation of harmony batch correction for cyTOF data using generated batch effect. In this validation one sample from a previously published cyTOF dataset (Krieg et al., 2018). We generated both a global (a) and local batch effect (b) using the cytomulate tool (Yang et al., 2023). We report here UMAP dimensionality reduction before and after harmony integration coloured by simulated batch. We also report the LISI score before and after batch correction showing a good integration of the dataset with harmony.