

Supplementary Figures – Neural Signatures of Emotion Regulation

Jared Rieck, Julia Wrobel, Antonio R. Porras, Kateri McRae, Joshua L. Gowin

Harmonization of Voxel Distributions

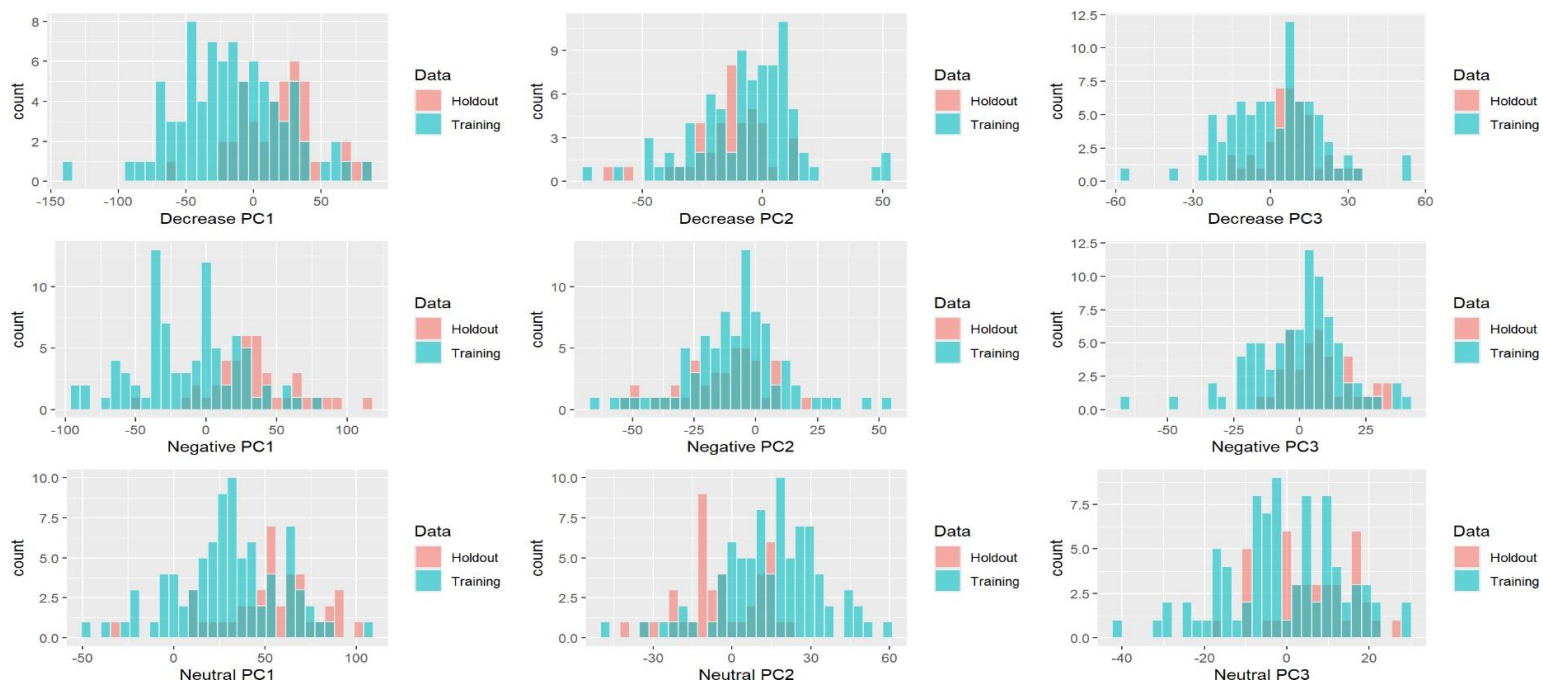


Figure S1: PC Distributions- Pre CovBat

Clear distributional differences are observed in the first three principal components between the training sample (blue) and holdout sample (red) prior to harmonization. The magnitude of distributional differences is modulated by class, with greater similarity observed for the negative class in PC2 and for the decrease class in PC3.

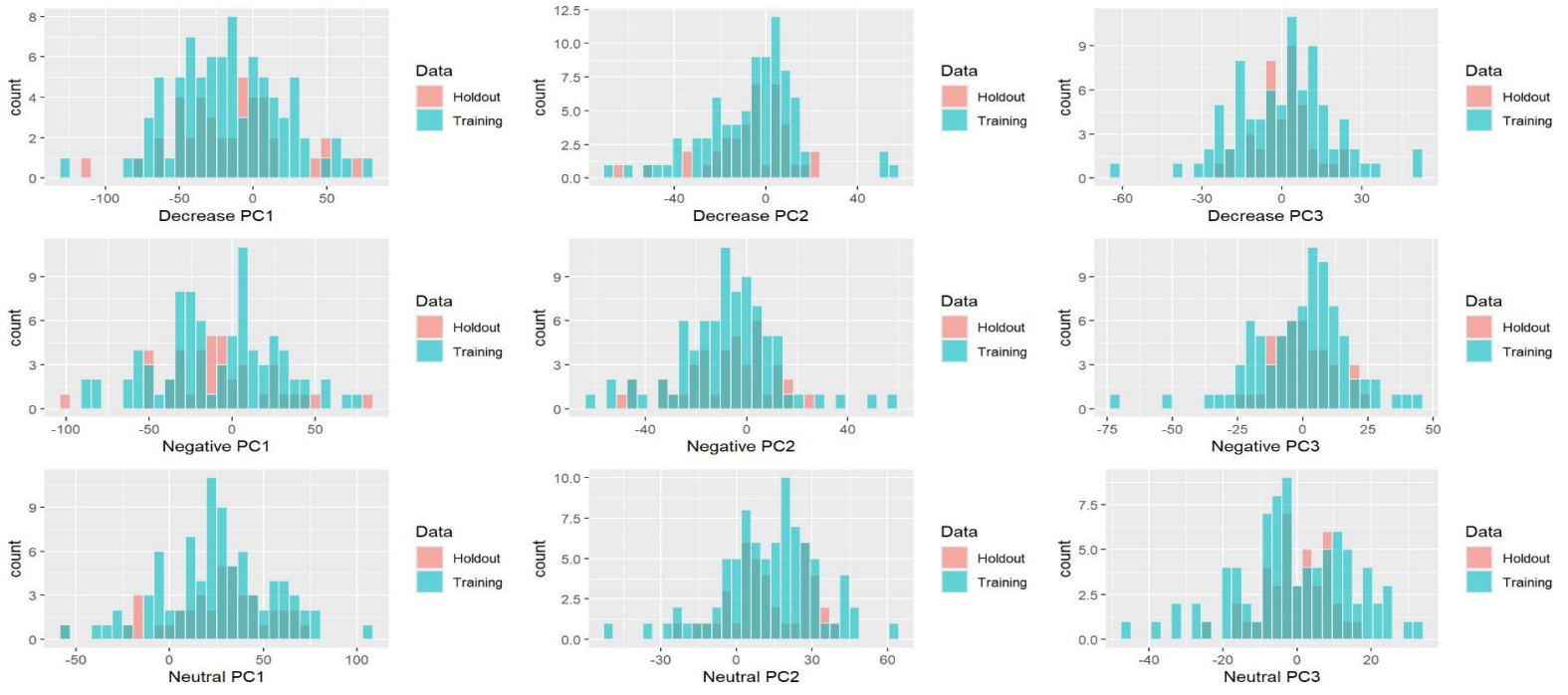


Figure S2: PC Distributions- Post CovBat

After CovBat harmonization, distributional differences between the training and holdout samples in the first three principal components are mitigated, with no clear class modulation effect.