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Abstract

1 Cohort bias removal

We apply the following bias removal methods

- L/S: cohort based normalisation → use RexR
- Combat: Bayesian based → use <http://www.bu.edu/jlab/wp-assets/ComBat/Abstract.html> library
- PCA: removal of most important difference components → build

We apply the cohort bias removal to the measurement cohorts. These cohorts indicate measurement batches.

Arguably we have to apply the bias removal, per cohort, per phenotypical cluster, otherwise the applicability of the cohort bias removal hinges on the degree of stratification of the phenotypes.