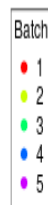
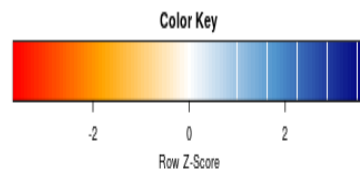


Batch Adjustment

- ☒ None
☐ Combat
☐ SVA
☐ Robust Sample Test
☐ Robust Gene Test

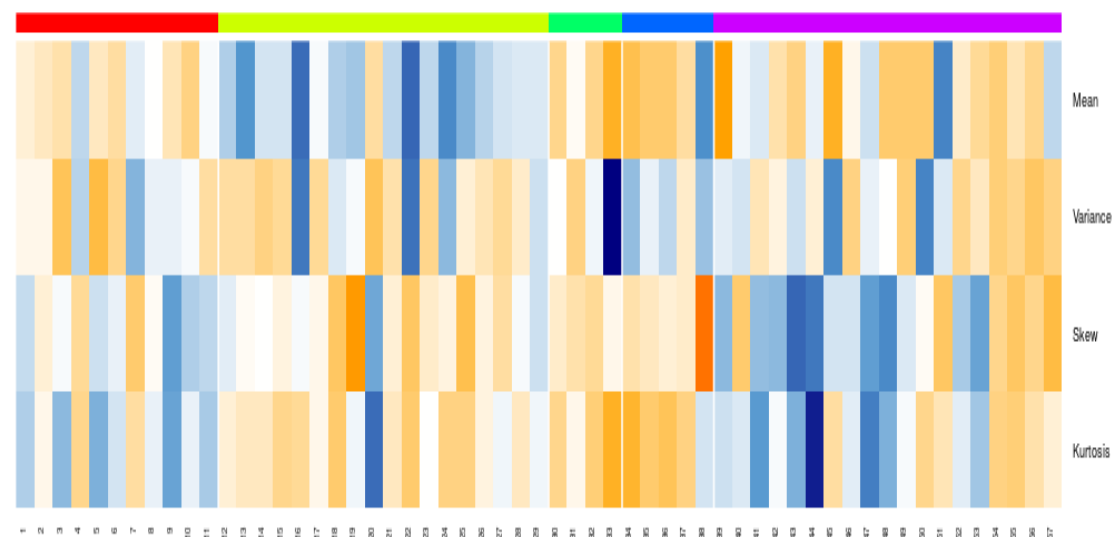
Batch Variation**Sample-wise Moments****Gene-wise Moments****Batch Effect Variation Analysis**

Mean p-value: Sample-wise = < 0.0001, Gene-wise = < 0.0001

Variance p-value: Sample-wise = 0.3813, Gene-wise = < 0.0001

Skewness p-value: Sample-wise = 0.0282, Gene-wise = < 0.0001

Kurtosis p-value: Sample-wise = 0.0073, Gene-wise = < 0.0001



Note: Sample-wise p-value is calculated for the variation across samples on the measure across genes. Gene-wise p-value is calculated for the variation of each gene between batches on the measure across each batch. If the data is quantum normalized, then the Sample-wise measure across genes is same for all samples and Gene-wise p-value is a good measure.