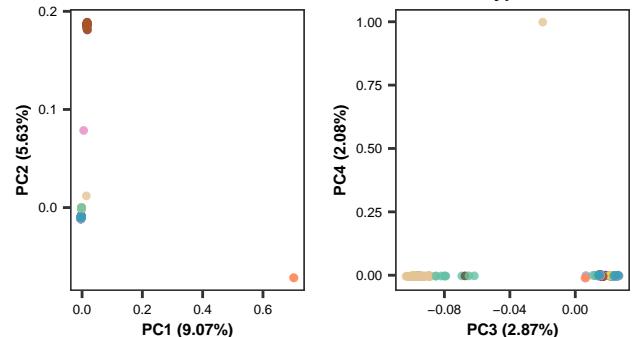
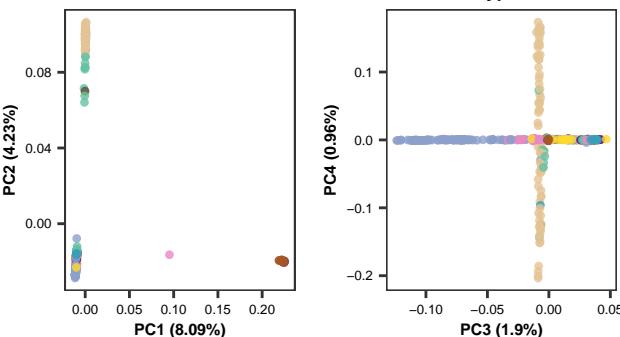


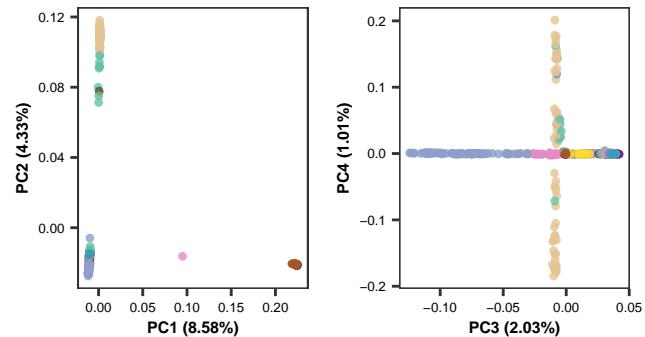
PCA after 5 iterations of outlier removal – n_isotypes = 607



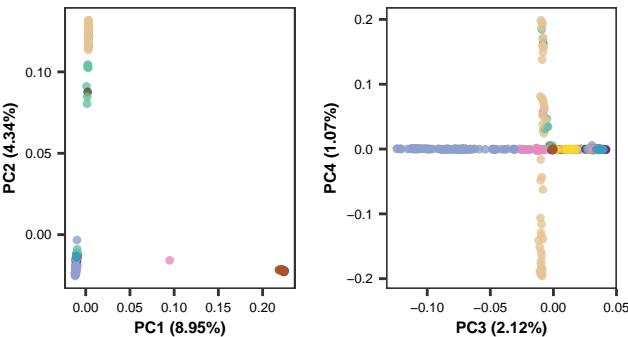
PCA after 10 iterations of outlier removal – n_isotypes = 538



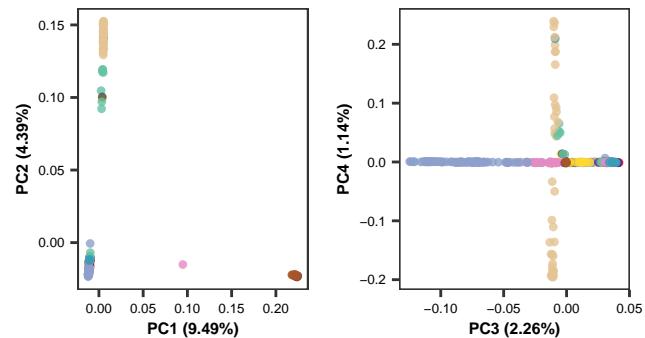
PCA after 15 iterations of outlier removal – n_isotypes = 517



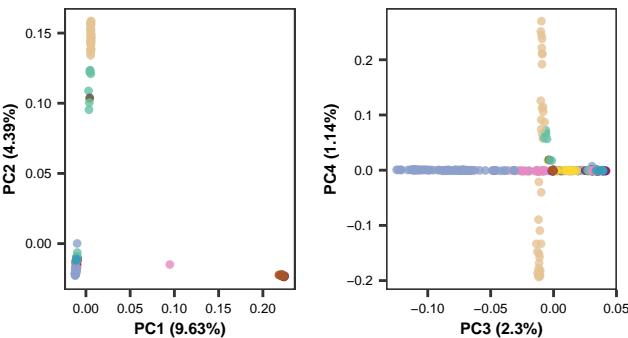
PCA after 20 iterations of outlier removal – n_isotypes = 503



PCA after 25 iterations of outlier removal – n_isotypes = 487



PCA after 30 iterations of outlier removal – n_isotypes = 484



Geo

- Africa
- Asia
- Australia
- Caribbean
- Central America
- Cosmopolitan
- Europe
- Hawaii
- North America
- Pacific
- South America
- Taiwan
- unknown