## Supplemental figures

Figure S1: EMPeror 3-d plot of three covariance—based PCs; colors represent ethnicity and scaling represents Nugent score category with coral (asian), green (black), turquoise (hispanic), and pink (white) for sphere colorings.

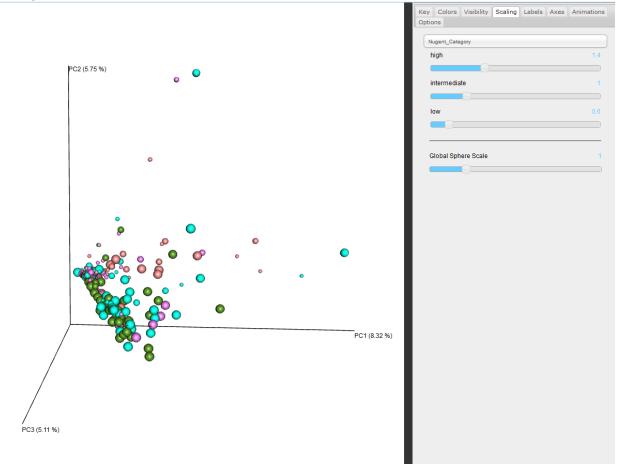


Figure **S3**: EMPeror biplot:

