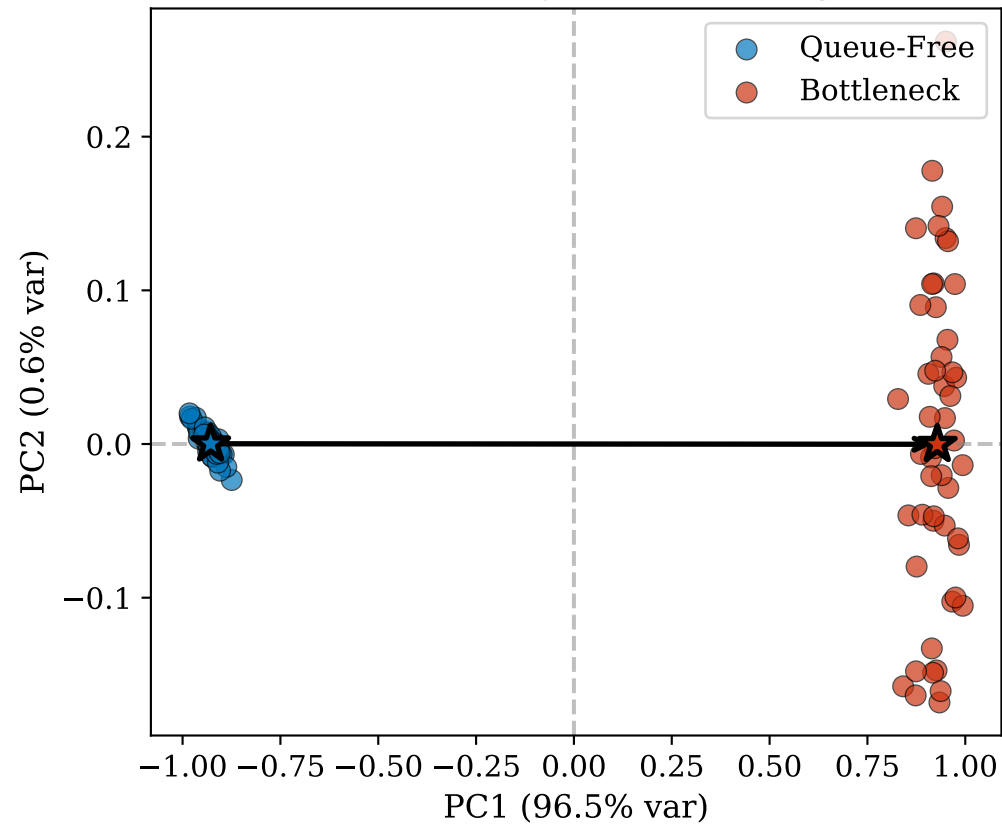
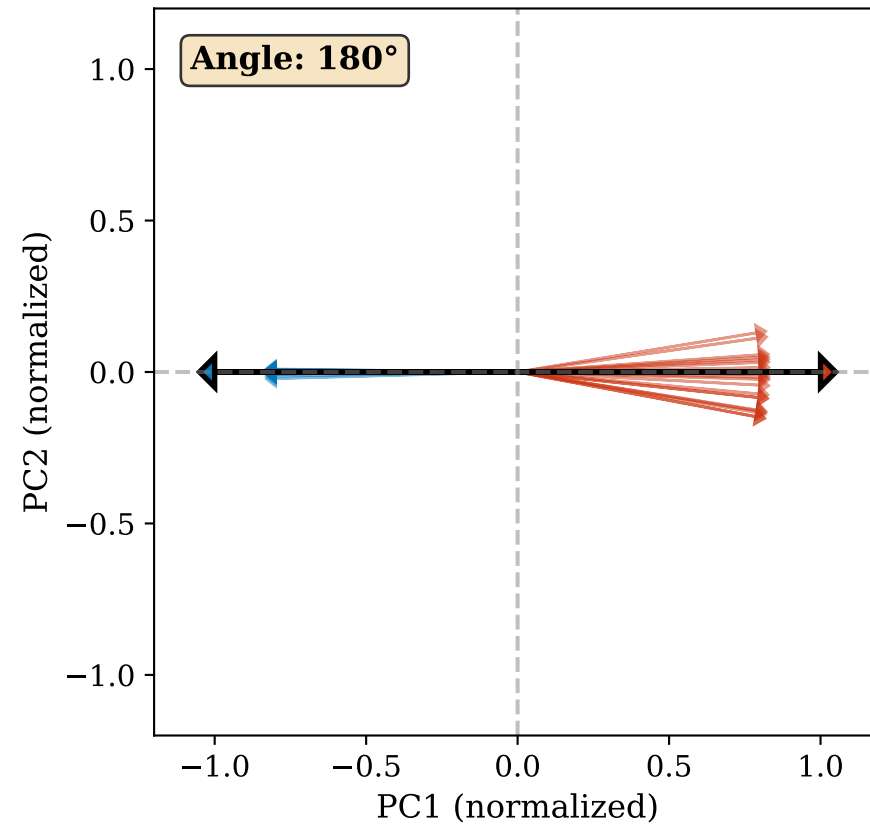


**(a) Gradient Space (PCA)**  
**Domains Occupy Different Regions**



**(b) Gradient Directions**  
**Arrows Show Update Direction**



**(c) Gradient Variance Spectrum**  
**Low-Rank Structure**

