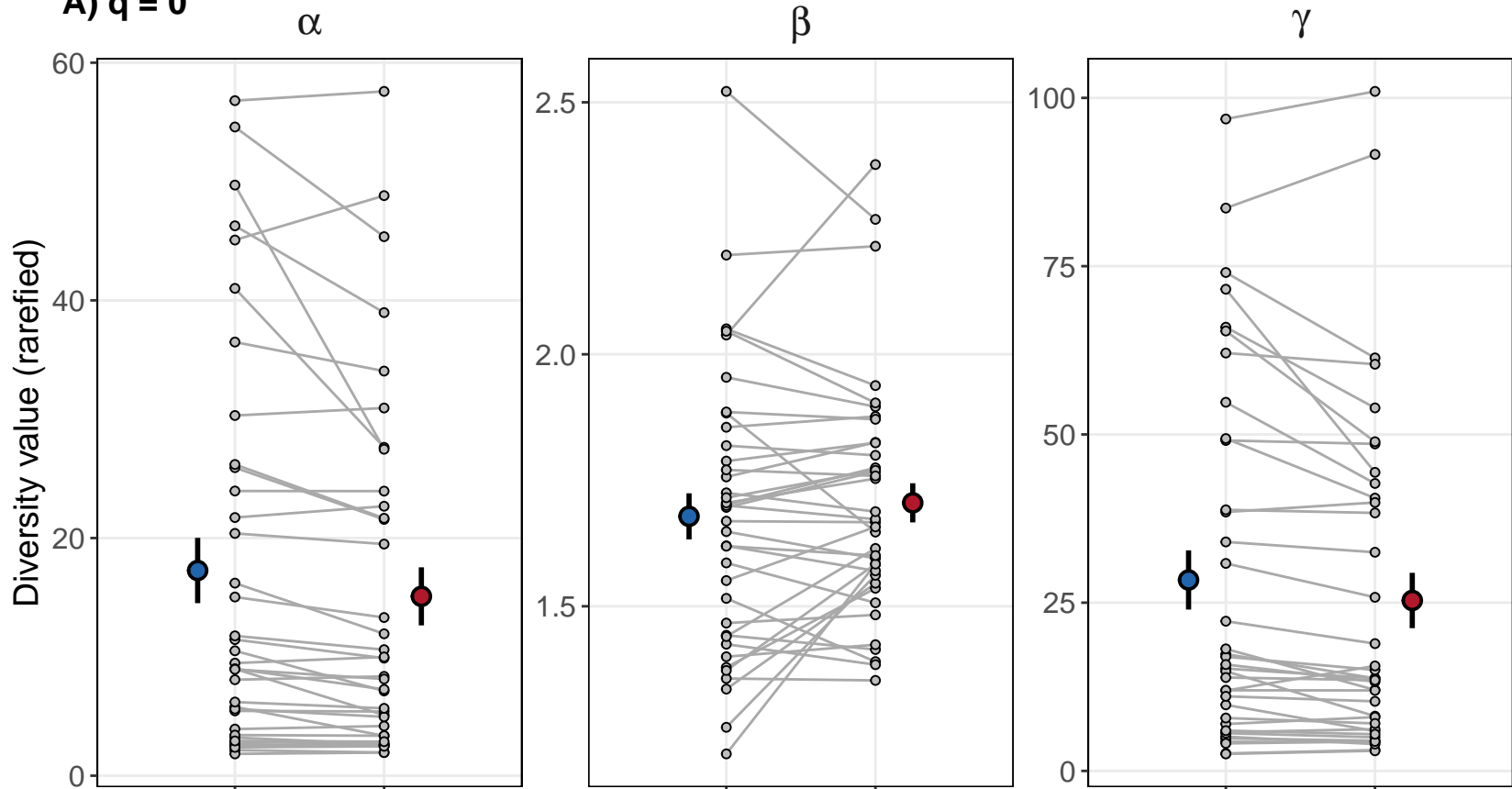


**A)  $q = 0$**



**B)  $q = 2$**

