Dataset A

Cumulative difference in eigenvalues: Group 1 − Group 2

KS: p = 0.244
CvM: p = 0.192

Cumulative sum of joint eigenvalues
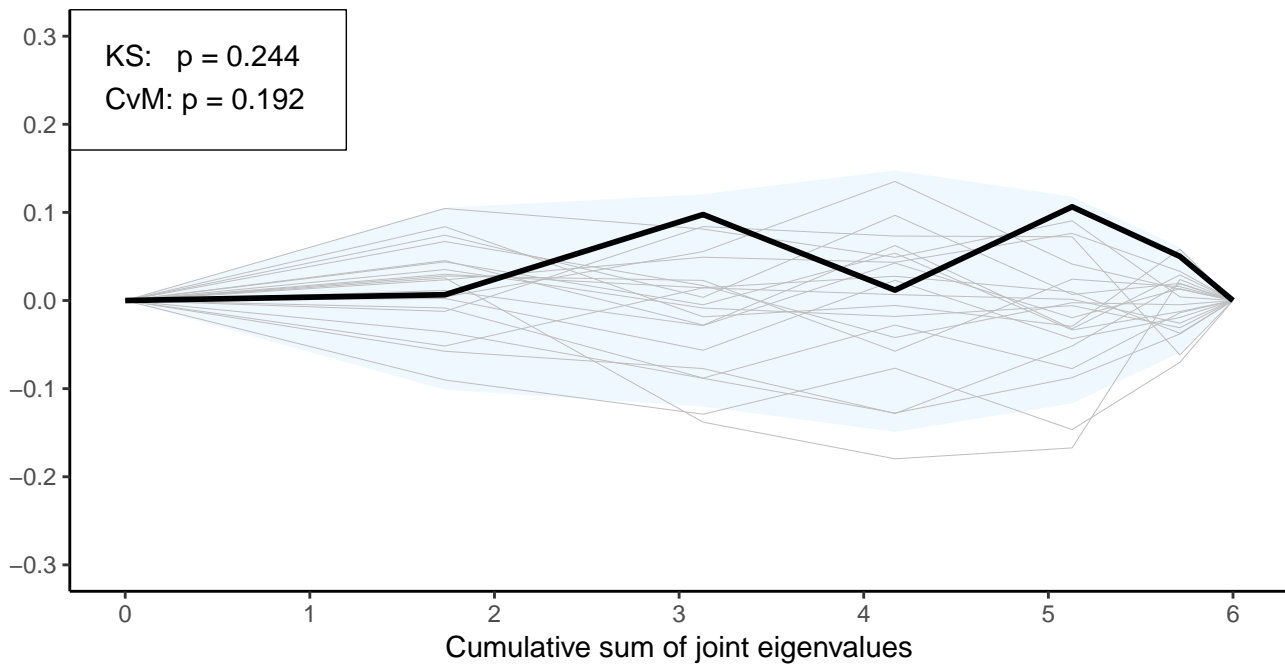
Dataset B

Cumulative difference in eigenvalues: Group 1 − Group 2

KS: p = 0
CvM: p = 0

Cumulative sum of joint eigenvalues