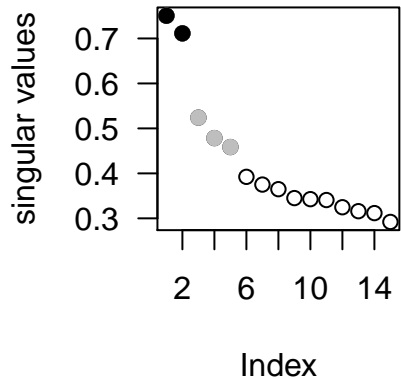**Eigengap after the second and fifth values**

Asymmetry scores

singular values

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K=2   K=5