

# Assignment 4: Mini Face Recognition System

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**Q1: Image Recognition Rate Plots**

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## 1. Plots

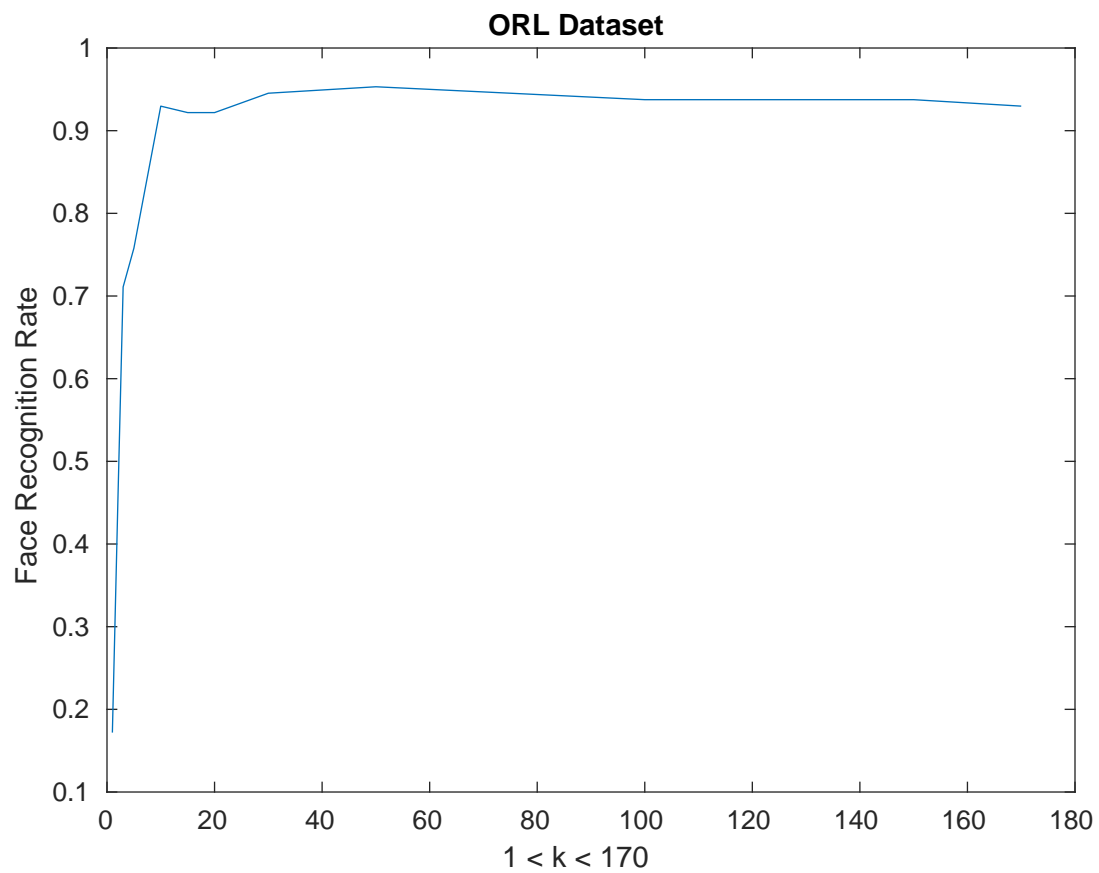


Fig 1: Face Recognition Rates using svd function on ORL dataset

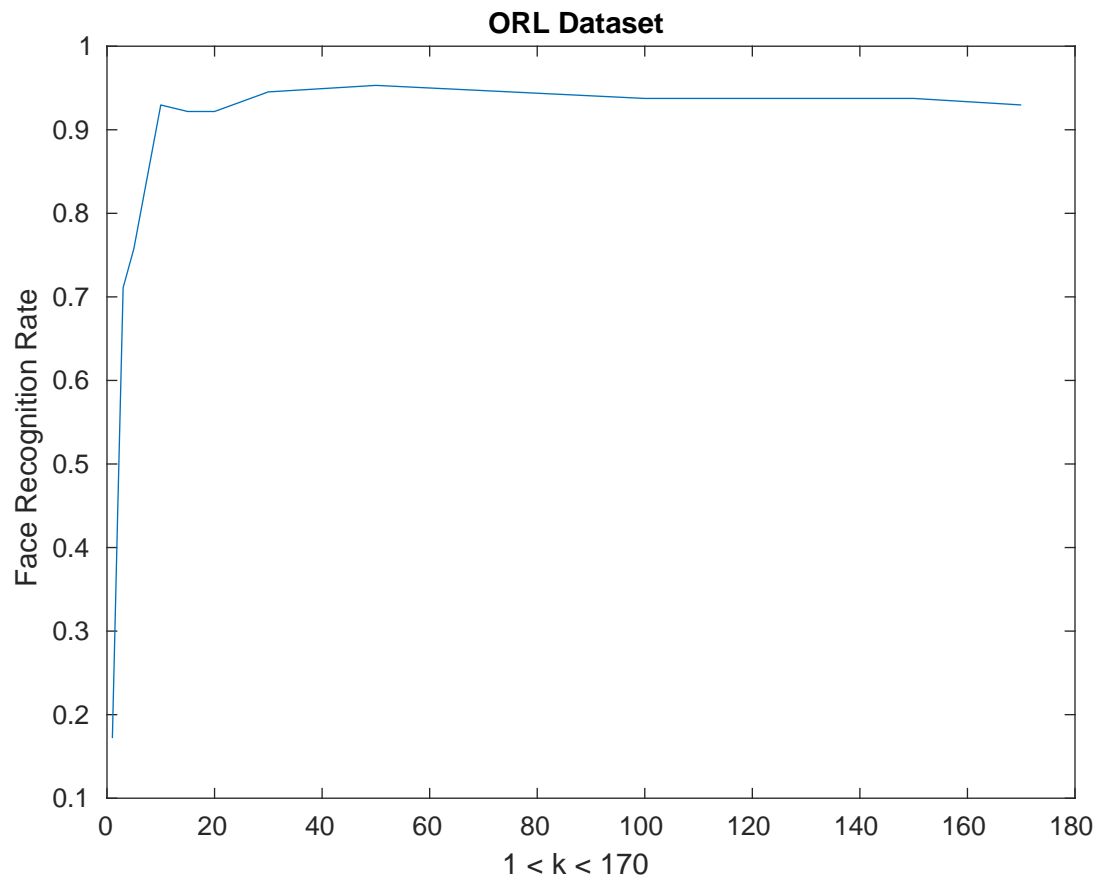


Fig 2: Face Recognition Rates using eig function on ORL dataset

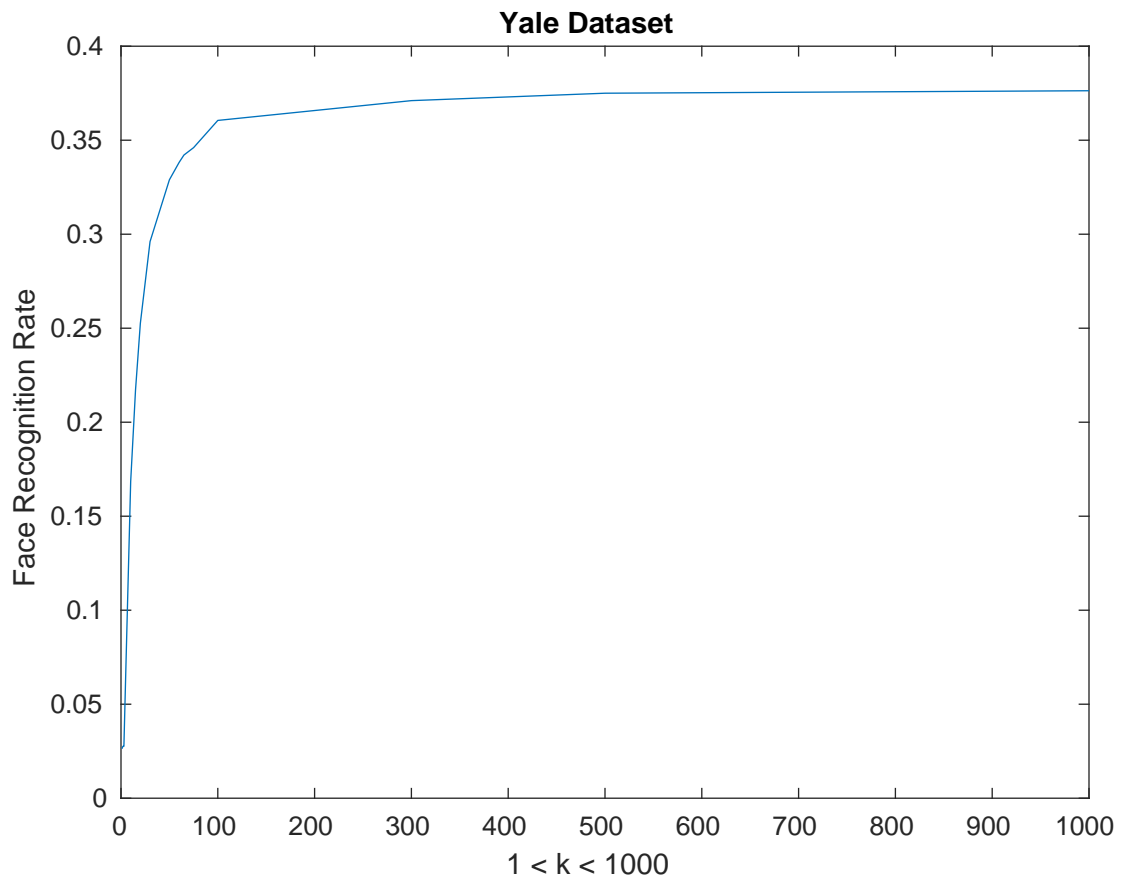


Fig 3.A: Face Recognition Rates on Yale dataset using squared differences between all eigencoefficients

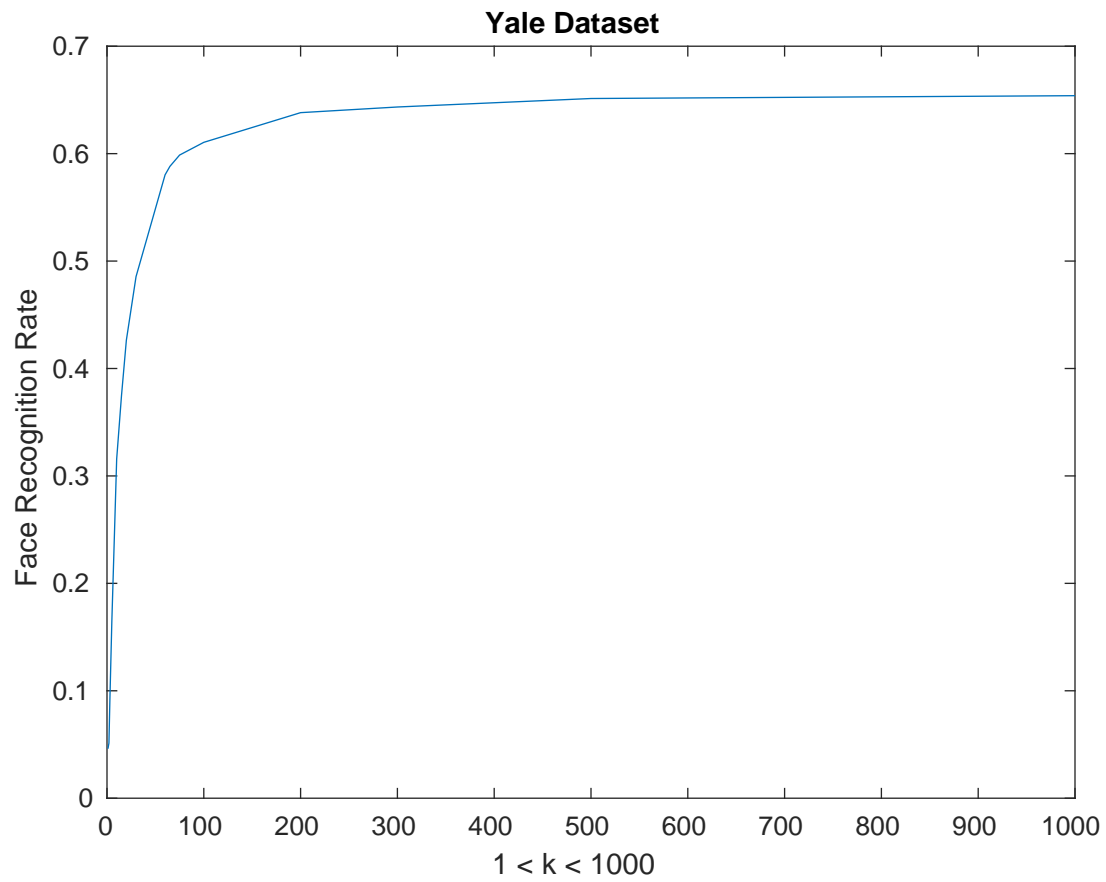


Fig 3.B: Face Recognition Rates on Yale dataset using squared differences between all except the eigencoefficients corresponding to the three largest eigenvalues