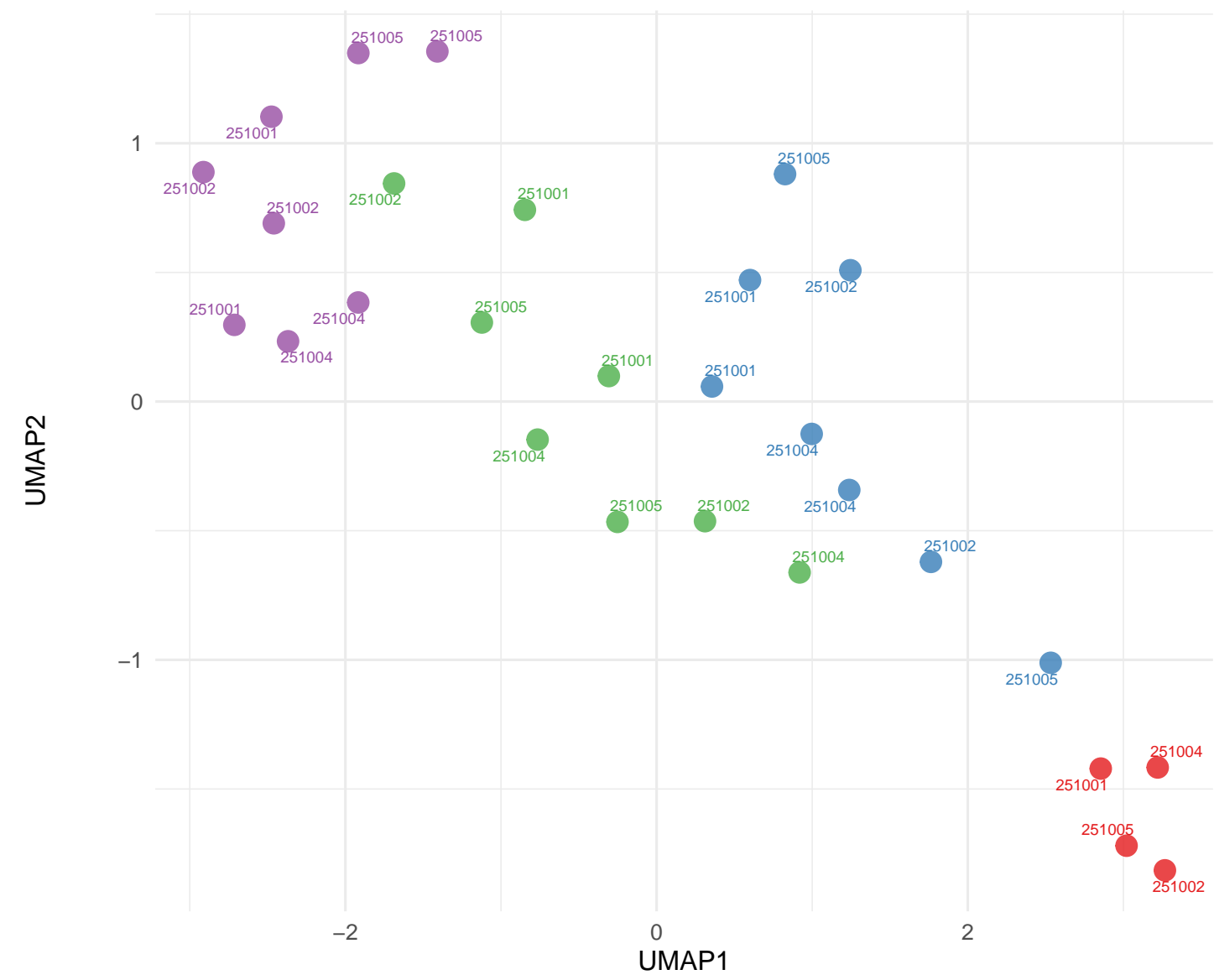**UMAP – Recovery Stages**
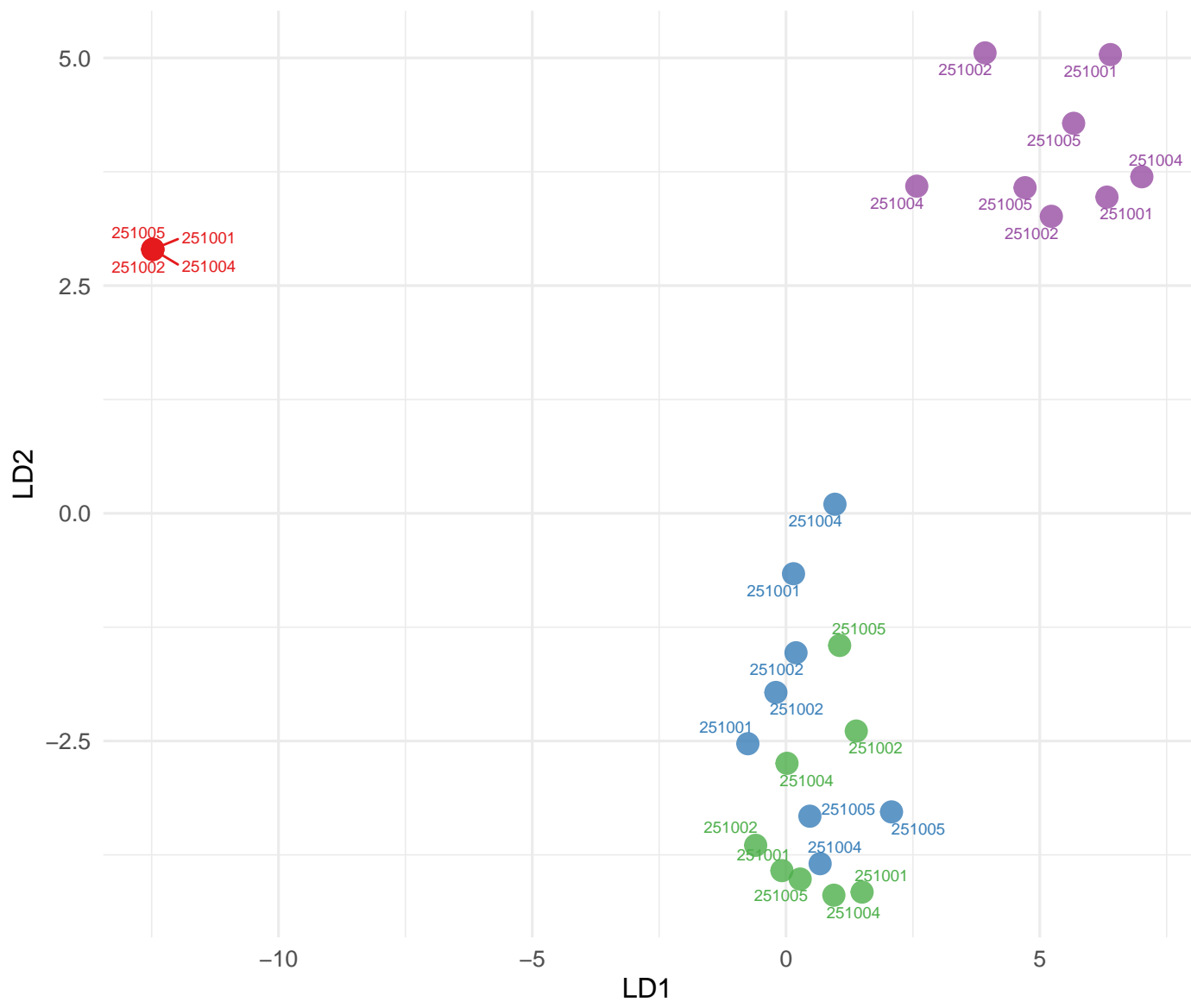Engineered features (n=30)
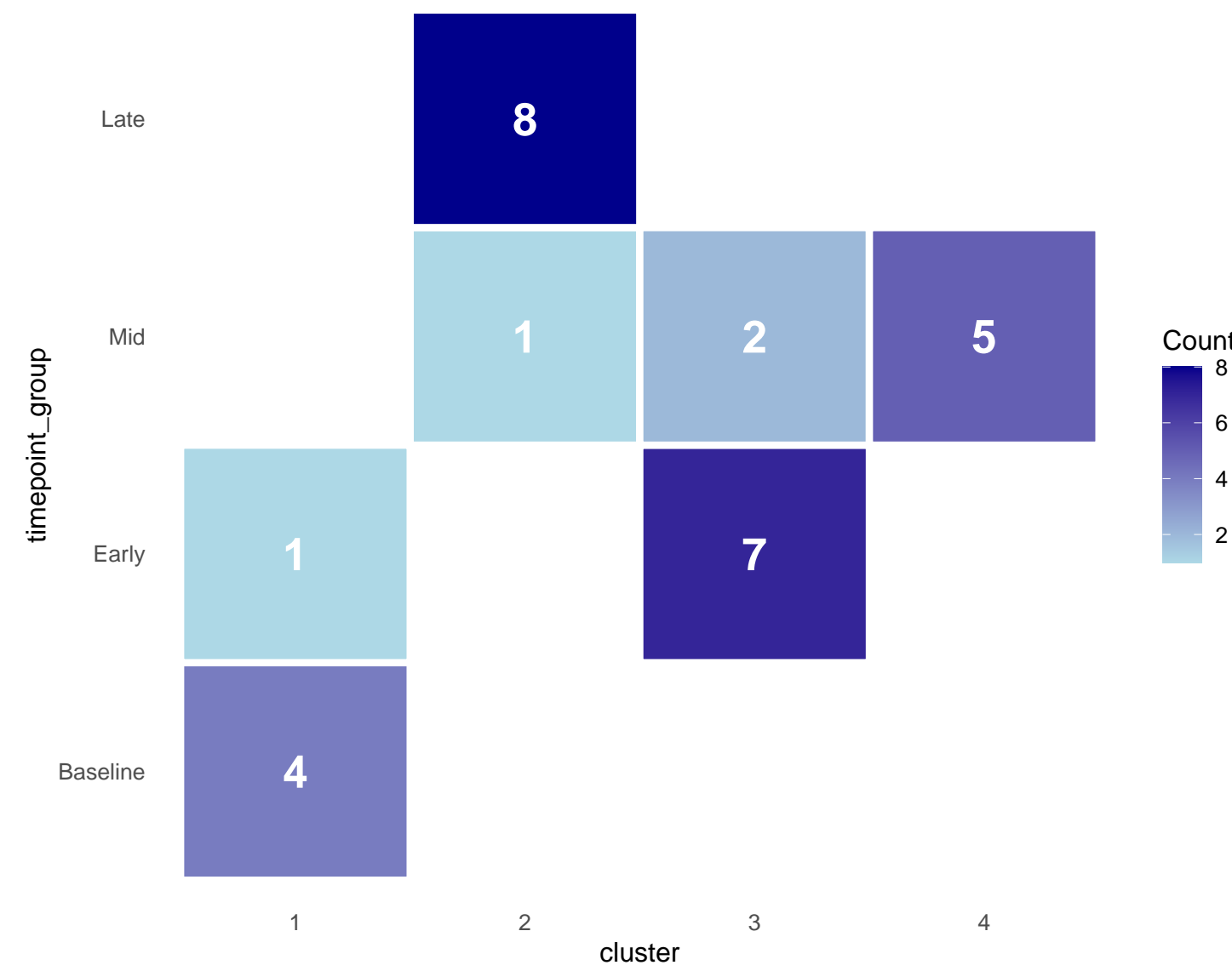
Linear Discriminant Analysis
LOMO CV Accuracy: 64.3%
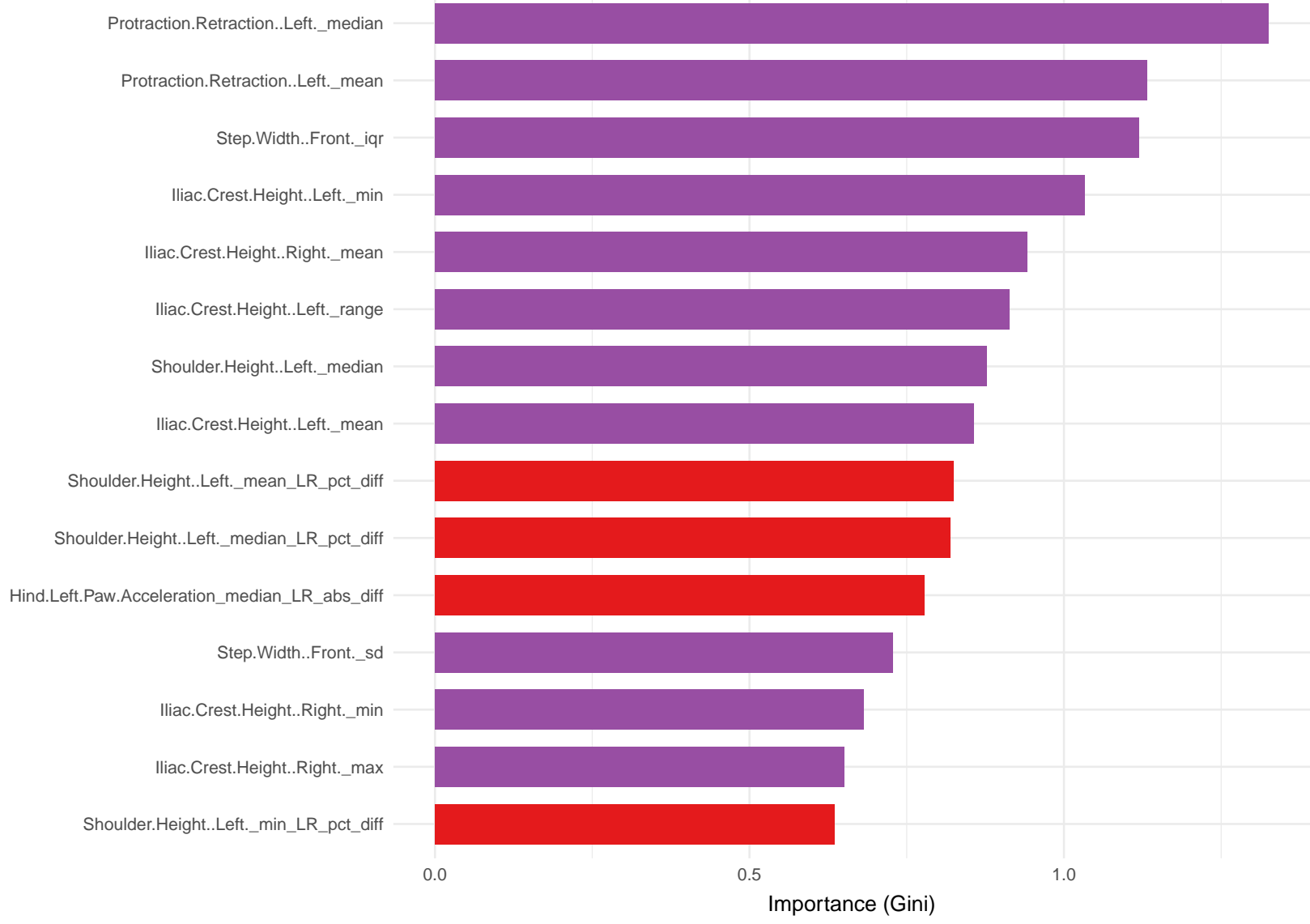
Recovery Stage
- Baseline
- Early
- Mid
- Late

Unsupervised Clusters vs Recovery Stages
Silhouette: 0.498

Top 15 Most Important Features
RF LOMO Accuracy: 89.3%

Feature Type
- Left–Right Asymmetry
- Raw Gait Metric