# Was smaller test size helpful? Less features?

12 features: all features, including Style, Price, Rating, Size, Season, NeckLine, SleeveLength, waiseline, Material, FabricType, Decoration, Pattern Type, Recommendation.

8 features: removing features with 60+ NaN values. Style, Price, Rating, Size, Season, NeckLine, SleeveLength, Decoration, Recommendation.

4 features: numeric features and categorical features with relatively clear categories. Price, Rating, Size, Season, Recommendation.

Test Size
- 0.1
- 0.25
- 0.5

Features / Test Size

| Model1 | 4 | 8 | 12 |
|---|---|---|---|
| Deep Learning | 0.5 / 0.54 / 0.51 | 0.66 / 0.51 / 0.55 | 0.58 / 0.51 / 0.5 |
| GridSearch | 0.65 / 0.65 / 0.65 | 0.56 / 0.55 / 0.55 | 0.55 / 0.57 / 0.61 |
| SVC | 0.5 / 0.54 / 0.54 | 0.5 / 0.52 / 0.45 | 0.47 / 0.47 / 0.49 |