

Dataset

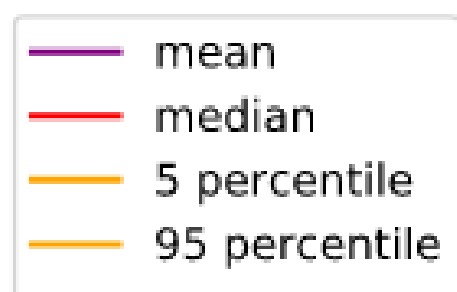
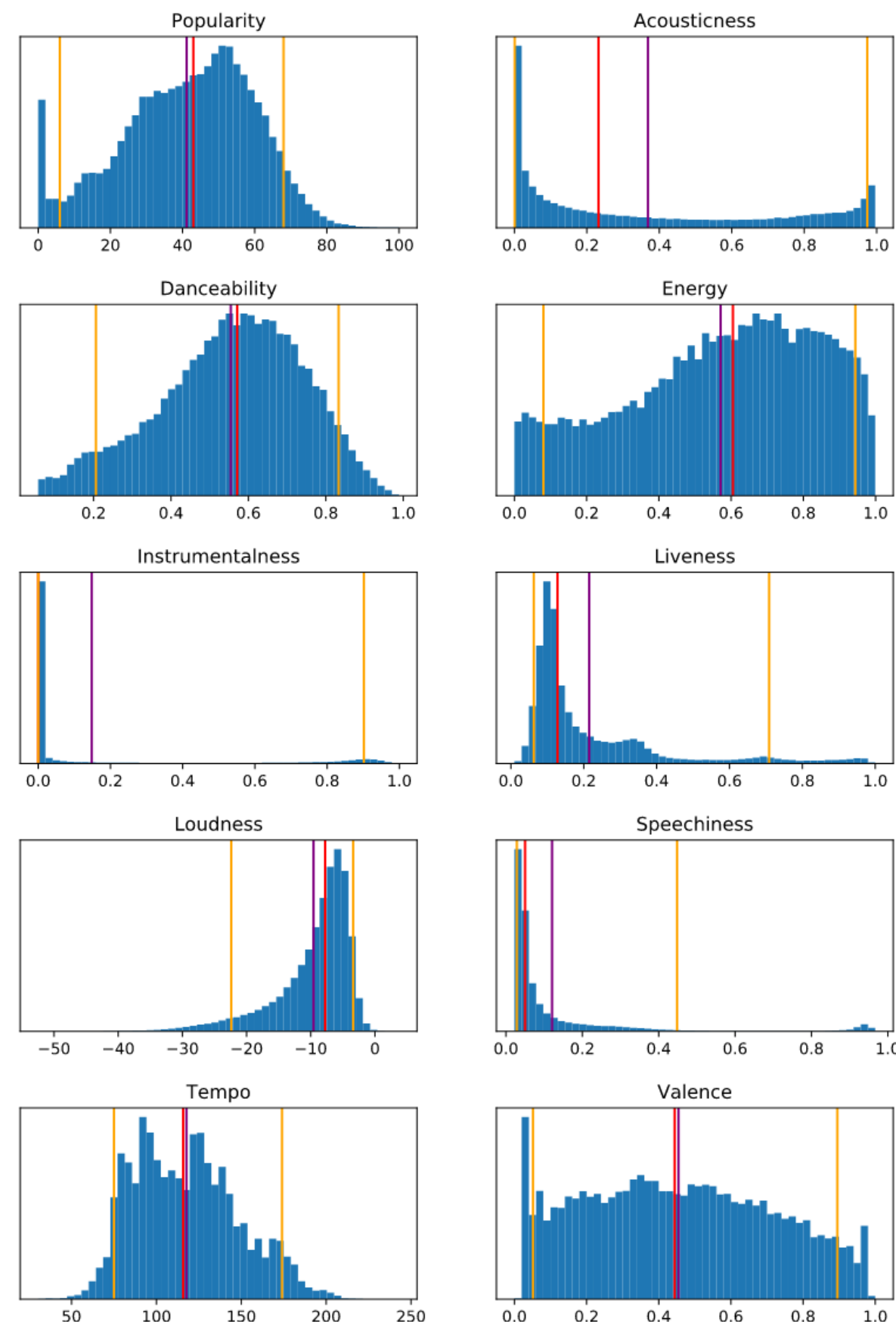
Features:

Identification:

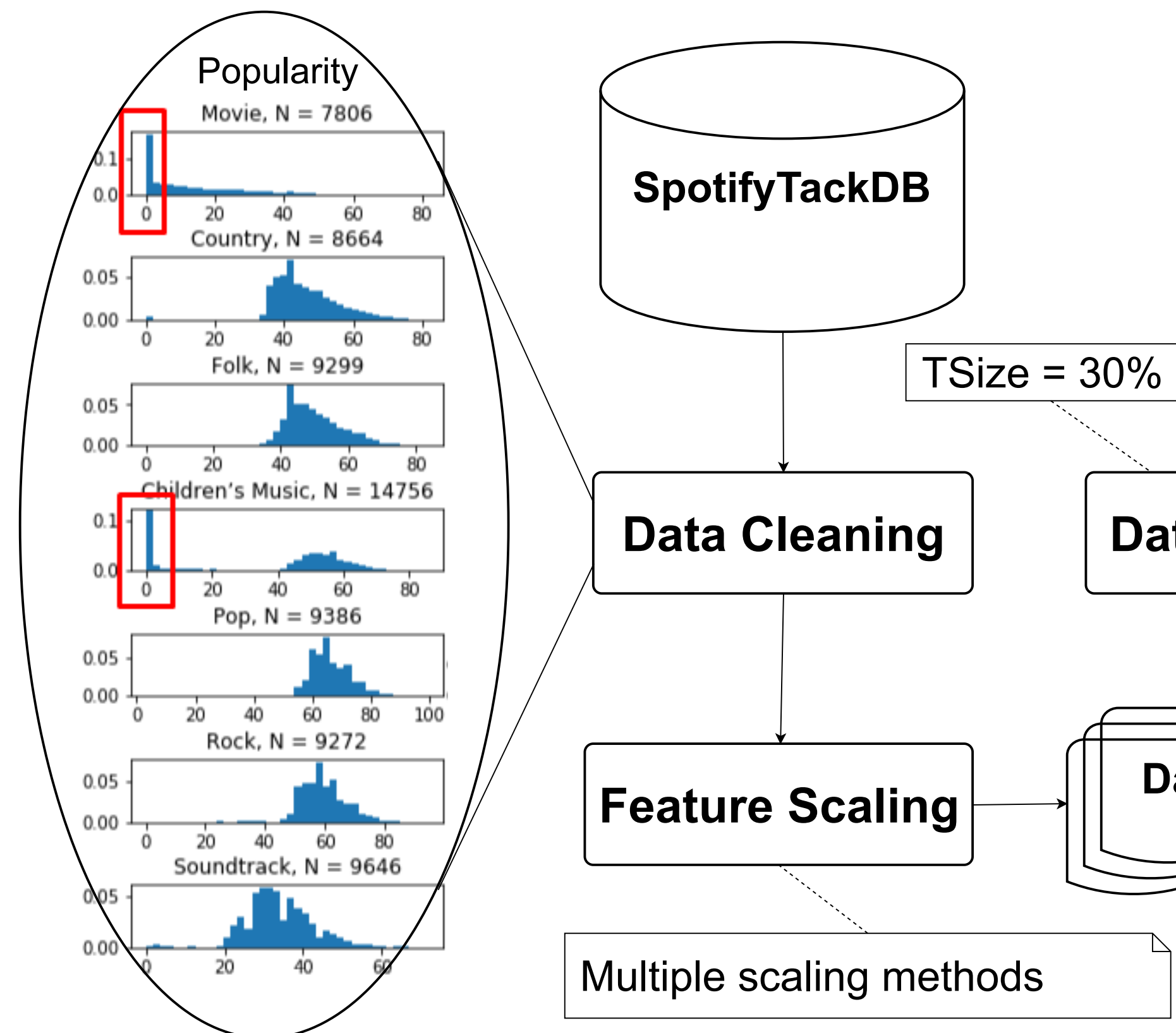
- Genre (Label)
- Artist name (Label)
- Track name (Label)
- Track ID (Label)
- Popularity

Sound and feel:

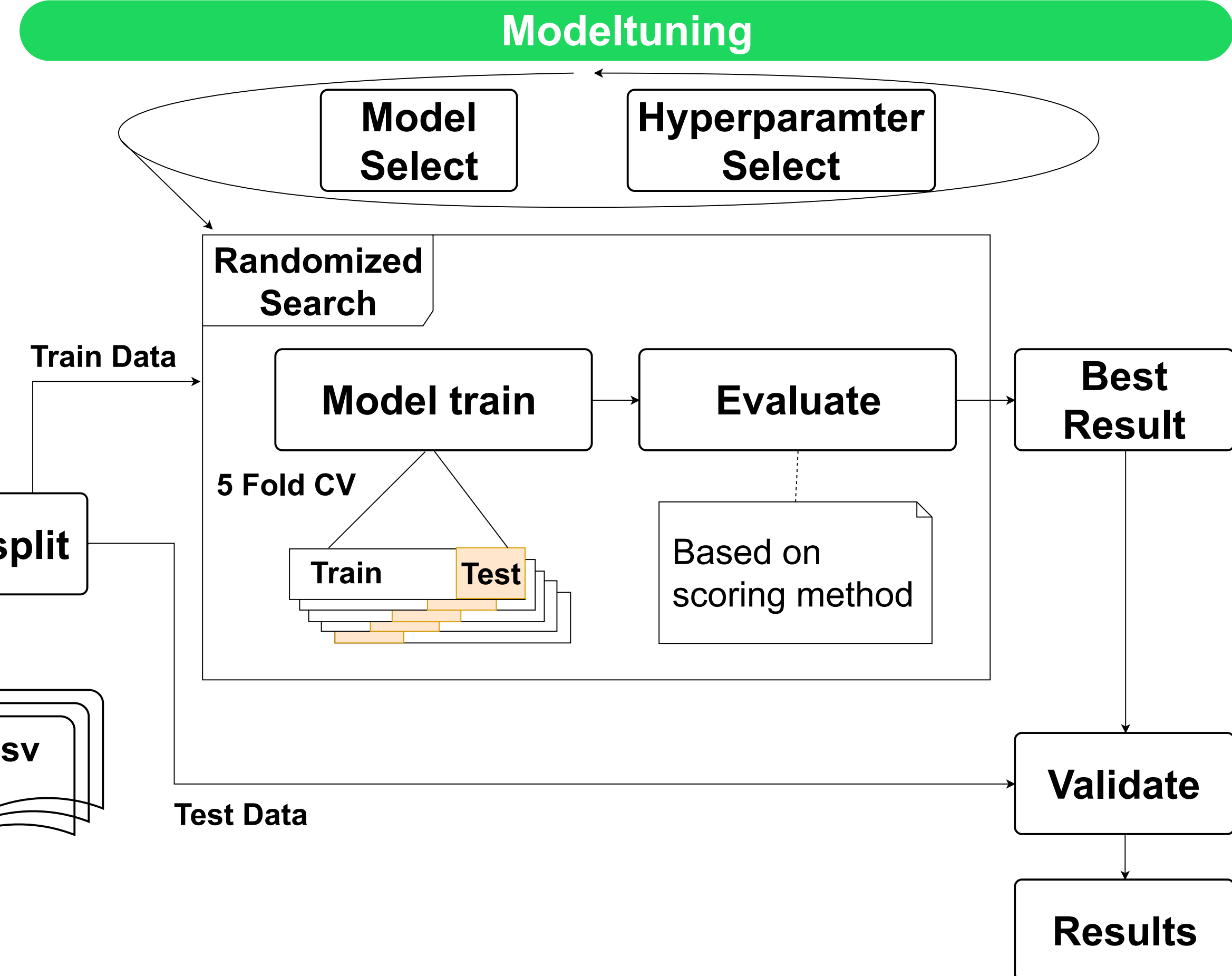
- Acousticness
- Danceability
- Duration in ms
- Energy
- Instrumentalness
- Key (Label)
- Liveness
- Loudness
- Mode (Label)
- Speechiness
- Tempo
- Time signature (Label)
- Valence



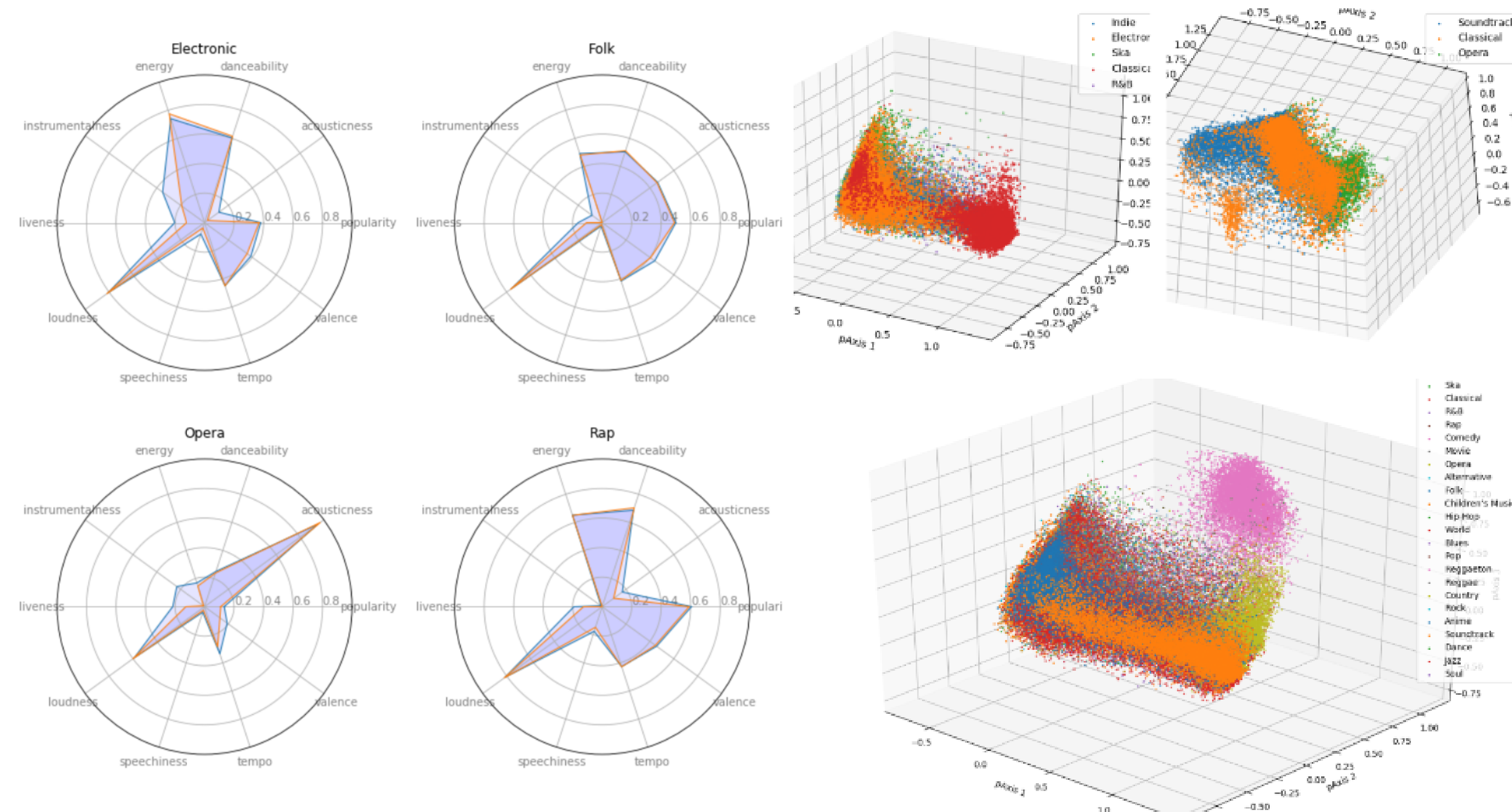
Preprocessing



Pipeline



Visualization



Results

Neural Network

	Precision	Recall	F1-score	Support
Accuracy			0.40	NaN
Macro avg.	0.41	0.40	0.39	NaN
Weighted avg.	0.40	0.40	0.39	NaN

KNeighborsClassifier

	Precision	Recall	F1-score	Support
Accuracy			0.38	66778
Macro avg.	0.38	0.38	0.37	66778
Weighted avg.	0.37	0.38	0.37	66778

