

Cluster Analysis of My Spotify ‘Liked’ Songs

Robert Edwards

Observations: 3,050

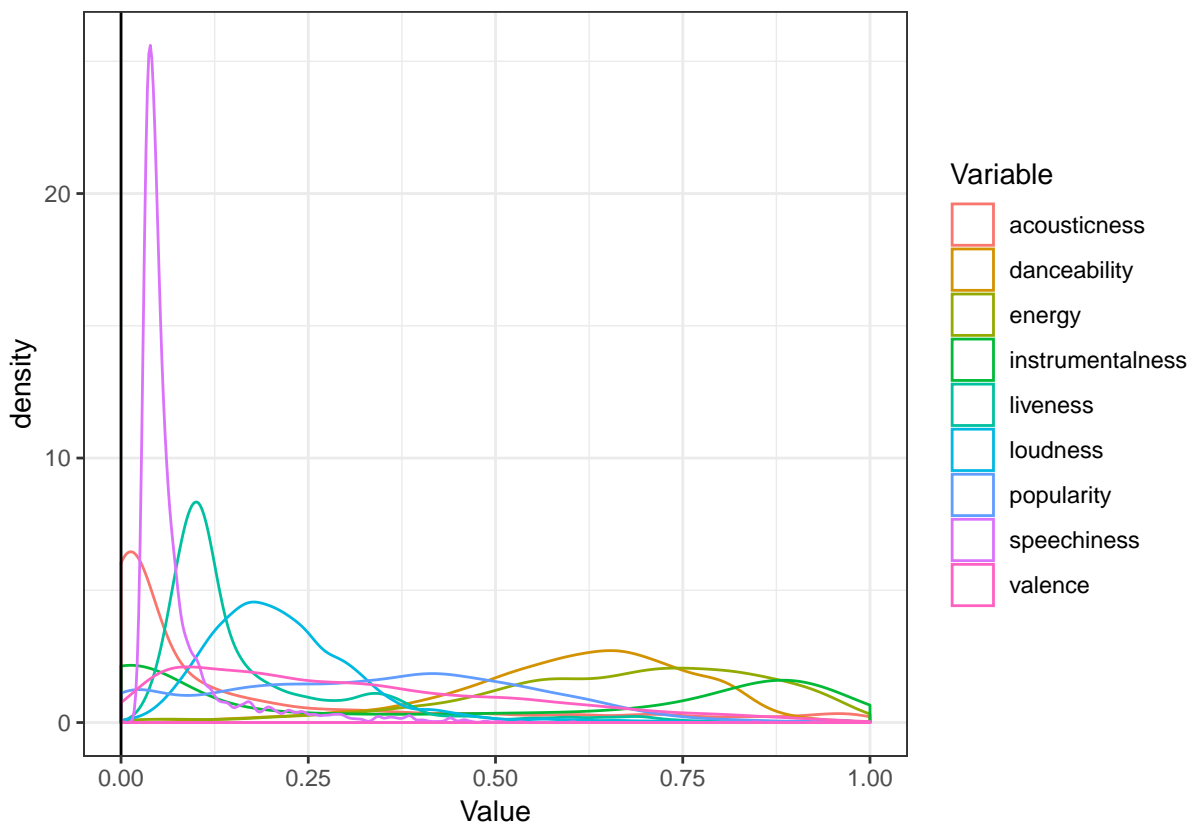
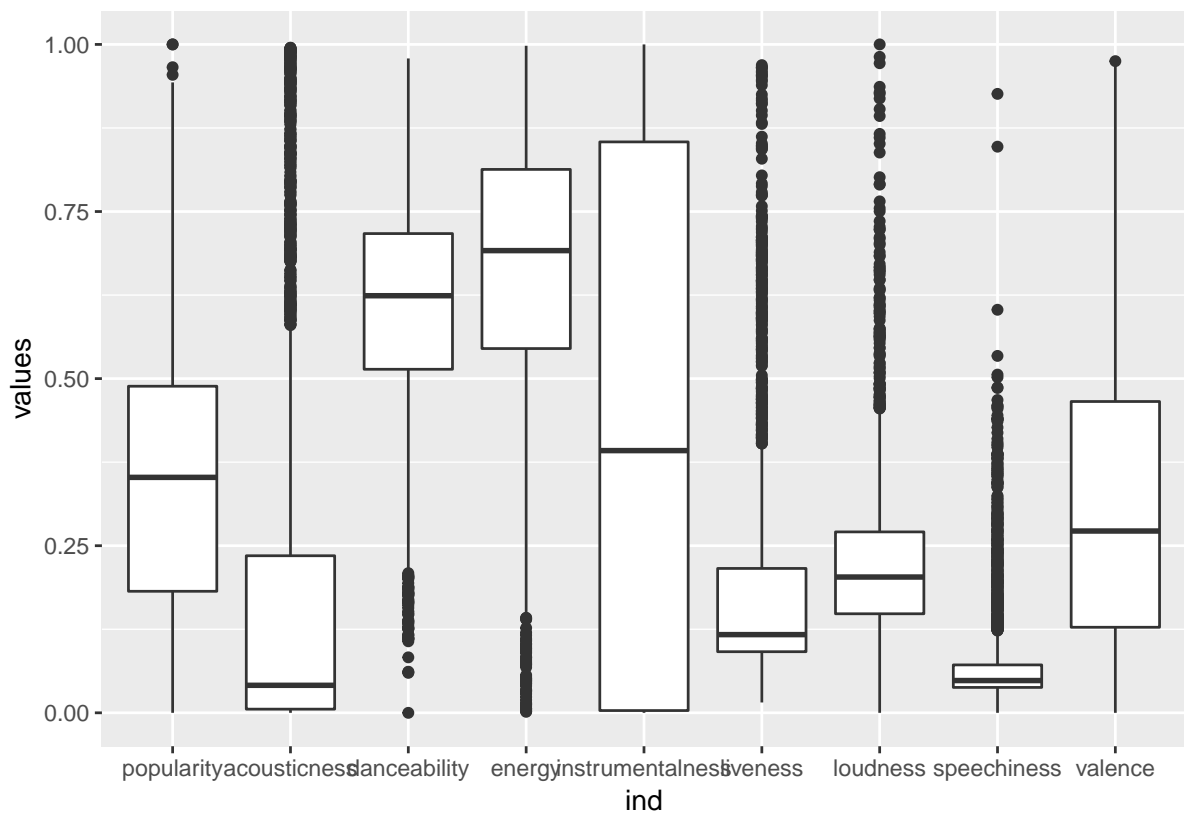
Variables: 9

```
$ popularity      <int> 36, 40, 31, 34, 39, 31, 41, 34, 27, 34, 51, 1...
$ acousticness    <dbl> 0.106000, 0.790000, 0.208000, 0.636000, 0.021...
$ danceability    <dbl> 0.748, 0.655, 0.523, 0.705, 0.612, 0.658, 0.6...
$ energy          <dbl> 0.406, 0.570, 0.234, 0.418, 0.651, 0.602, 0.8...
$ instrumentalness <dbl> 0.9210, 0.0017, 0.5990, 0.8740, 0.4510, 0.928...
$ liveness        <dbl> 0.0859, 0.1840, 0.1280, 0.0894, 0.0727, 0.076...
$ loudness        <dbl> -13.741, -11.348, -11.405, -14.443, -9.937, -...
$ speechiness     <dbl> 0.0400, 0.0463, 0.2040, 0.0857, 0.0443, 0.033...
$ valence         <dbl> 0.0515, 0.3770, 0.1820, 0.3800, 0.0281, 0.580...
```

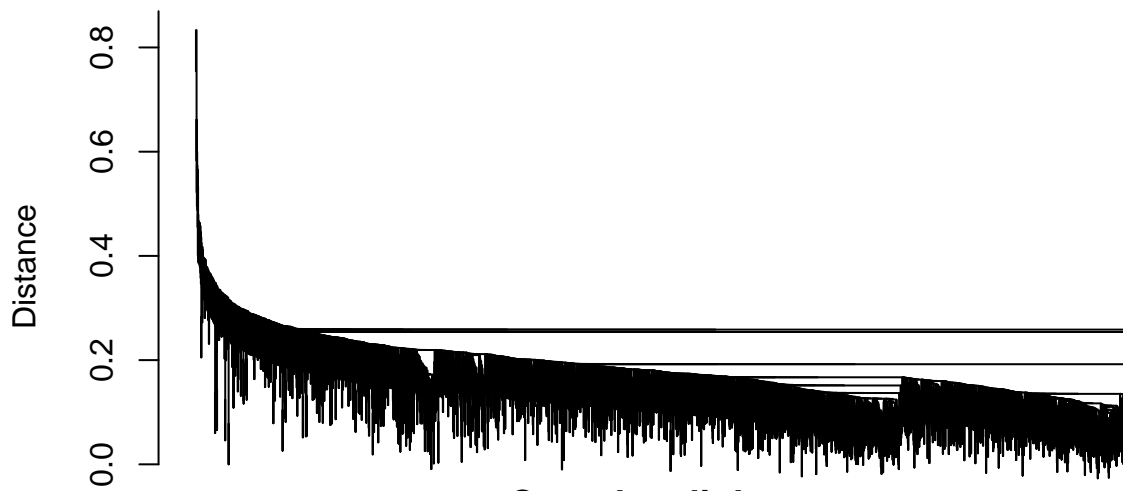
Observations: 3,050

Variables: 9

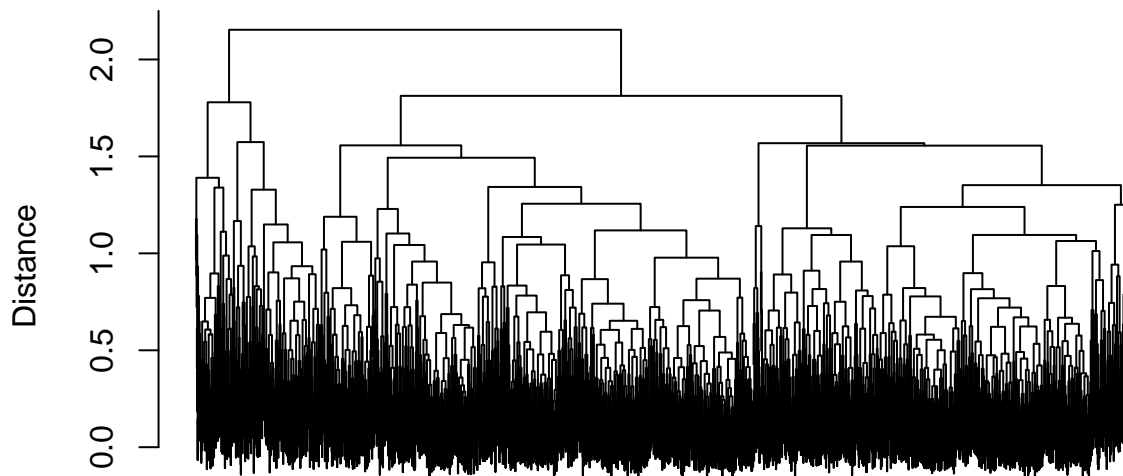
```
$ popularity      <dbl> 0.4090909, 0.4545455, 0.3522727, 0.3863636, 0...
$ acousticness    <dbl> 0.106000, 0.790000, 0.208000, 0.636000, 0.021...
$ danceability    <dbl> 0.748, 0.655, 0.523, 0.705, 0.612, 0.658, 0.6...
$ energy          <dbl> 0.406, 0.570, 0.234, 0.418, 0.651, 0.602, 0.8...
$ instrumentalness <dbl> 0.931243680, 0.001718908, 0.605662285, 0.8837...
$ liveness        <dbl> 0.0859, 0.1840, 0.1280, 0.0894, 0.0727, 0.076...
$ loudness        <dbl> 0.3756163, 0.3041088, 0.3058120, 0.3965935, 0...
$ speechiness     <dbl> 0.0400, 0.0463, 0.2040, 0.0857, 0.0443, 0.033...
$ valence         <dbl> 0.0515, 0.3770, 0.1820, 0.3800, 0.0281, 0.580...
```



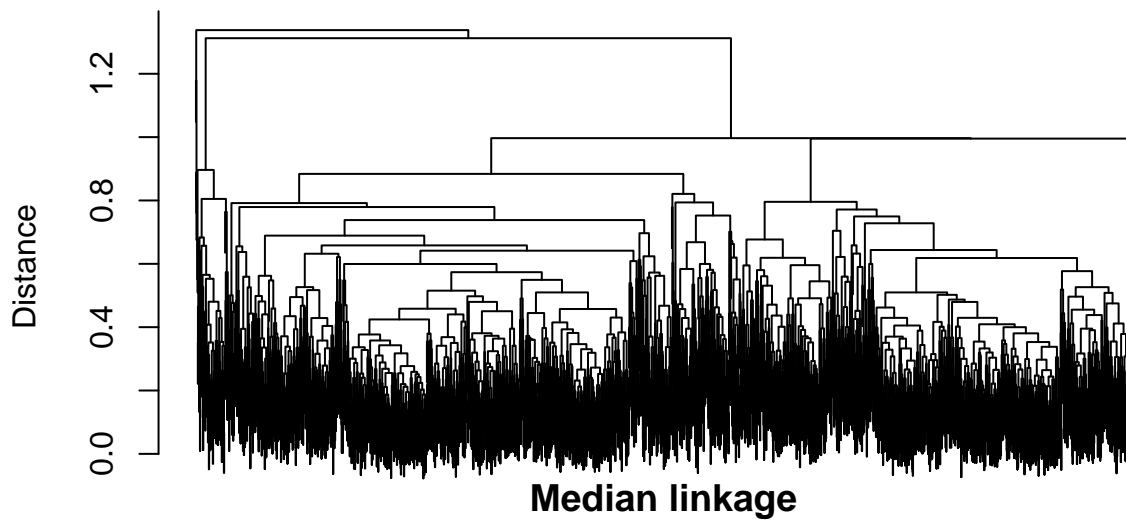
Single linkage



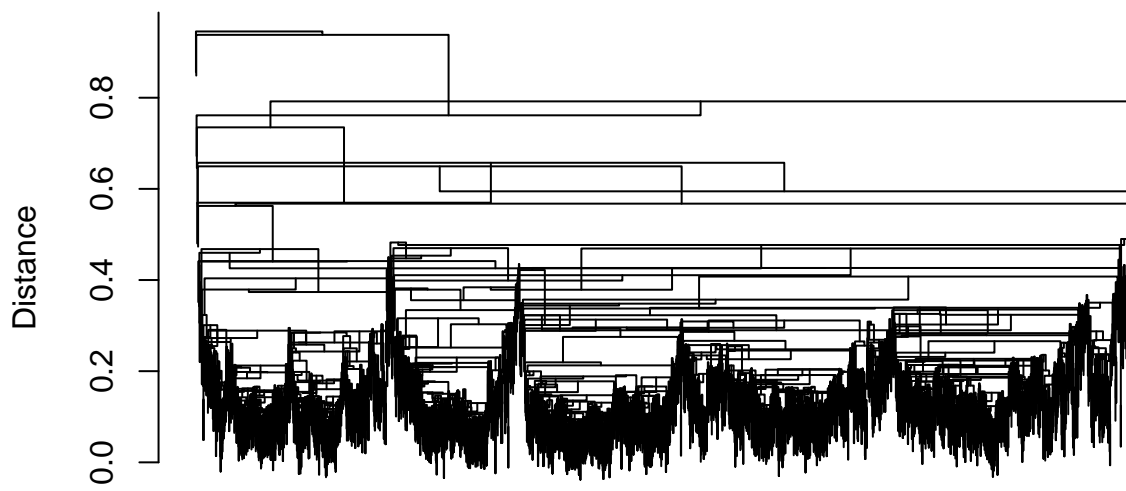
Complete linkage



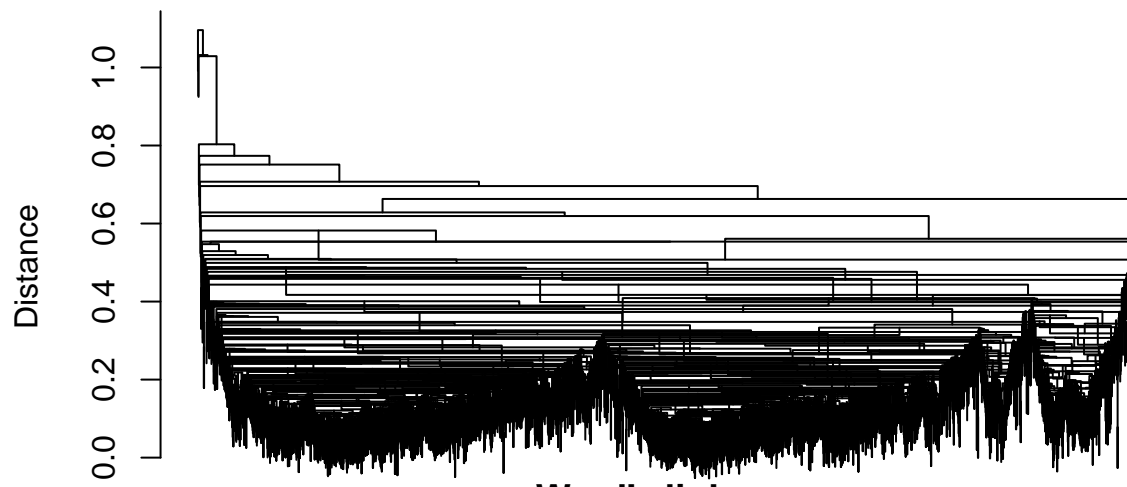
Average linkage



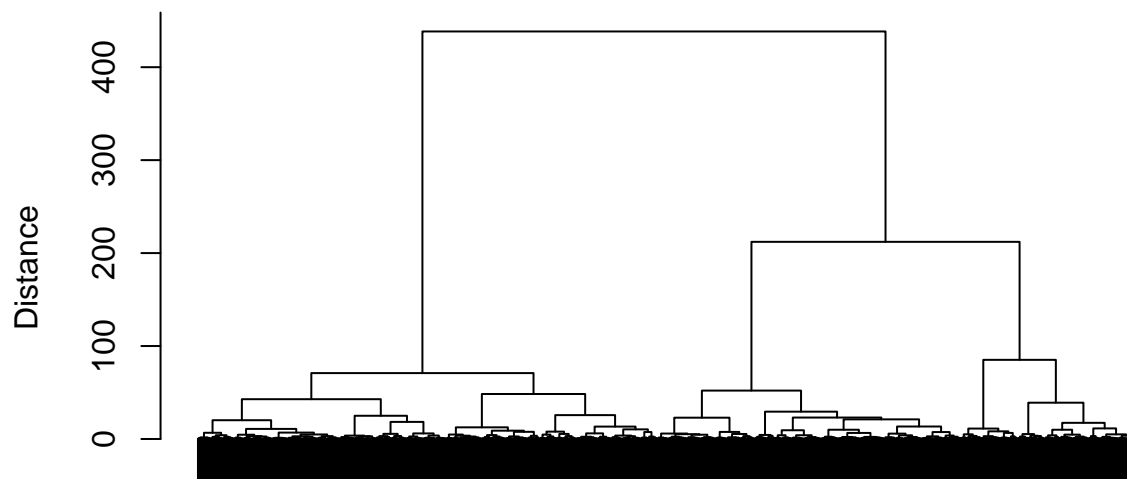
Median linkage



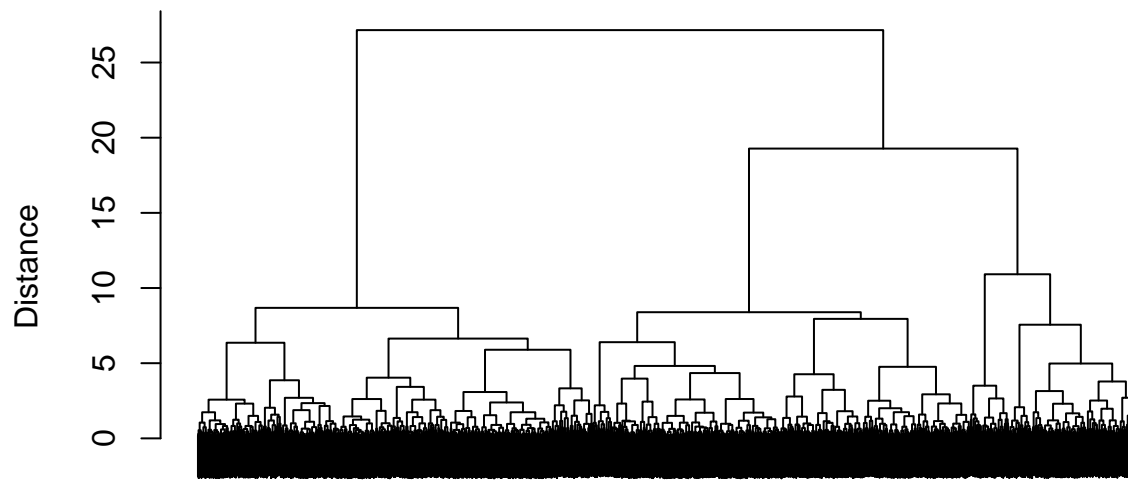
Centroid linkage



Ward's linkage



Ward's 2 linkage



McQuitty linkage

