

ATTRIBUTE	Top 100 mean	Random 200 mean	t test statistic
popularity	45.15	62.446701	6.018939612
danceability	0.70207	0.609167	-4.643781591
energy	0.65304	0.638284	0.626063601
key	5.18	5.13198	0.107433499
loudness	-5.8669	-7.622482	-3.634923283
mode	0.64	0.675127	-0.603696947
speechiness	0.109904	0.106626	-0.259893527
acousticness	0.17128	0.25219	-2.533130717
instrumentalness	0.007608	0.066092	-2.585243902
liveness	0.155589	0.19404	2.359891066
valence	0.523894	0.492607	1.06641882
tempo	118.82432	124.421716	1.464276639
duration_ms	223511.03	224439.4213	-0.105029794
time_signature	3.96	3.873096	1.691200428

t test p value

5.20E-09

5.16E-06

5.32E-01

0.914518108

0.000327965

0.546509064

0.795127196

0.011822947

0.010210891

0.018931388

0.28710634

0.144183188

0.916423543

0.091854643

bold p values are significant