

	ID	TS	1	2	[Data] Population	[AffProg] F52 Silhouette Cluster 1 (30)				[AffProg] F52 Silhouette Cluster 2 (9)				[AffProg] F52 Silhouette Cluster 3 (8)				[AffProg] F52 Silhouette Cluster 5 (9)			
						MEAN	AVEDEV	MEAN	AVEDEV	MEAN DIFF	MEAN	AVEDEV	MEAN DIFF	MEAN	AVEDEV	MEAN DIFF	MEAN	AVEDEV	MEAN DIFF		
Track Name																					
Number_of_Pitches	✓	✓	✓	✓	✓	0.050	0.582	0.051	-0.033		-0.227			-0.227			-0.007				
Number_of_Pitch_Classes	✓	✓	✓	✓	✓	0.955	0.776	0.467	-0.333		-0.004			-0.004			0.556				
Number_of_Common_Pitches	✓	✓	✓	✓	✓	0.111	0.506	0.050	0.222		0.900			0.900	0.625	0.078	-0.278				
Number_of_Common_Pitch_Classes	✓	✓	✓	✓	✓	-0.095	0.817	-0.267	0.000		0.500			0.500			-0.011				
Range	✓	✓	✓	✓	✓	0.084	0.659	0.493	-0.087		-0.240			-0.240			0.026				
Importance_of_Base_Register	✓	✓	✓	✓	✓	0.008	0.803	0.008	0.008		0.860			0.860			0.506				
Importance_of_Middle_Register	✓	✓	✓	✓	✓	-0.194	0.676	-0.099	-0.248		-0.688			-0.688			0.017				
Importance_of_High_Register	✓	✓	✓	✓	✓	0.370	0.669	0.362	0.007		0.016			0.016			0.849				
Dominant_Spread	✓	✓	✓	✓	✓	-0.175	0.469	-0.067	-0.074		-0.333			-0.333			0.037				
Strong_Tonal_Centres	✓	✓	✓	✓	✓	0.079	0.497	0.031	-0.111		-0.125			-0.125			0.333				
Mean_Pitch	✓	✓	✓	✓	✓	-0.025	0.837	0.098	-0.592		-0.735			-0.735			0.667				
Mean_Pitch_Class	✓	✓	✓	✓	✓	0.035	0.681	0.067	0.024		0.291			0.291			-0.009				
Most_Common_Pitch	✓	✓	✓	✓	✓	-0.366	0.659	-0.204	-0.653		-0.742			-0.742			-0.292				
Most_Common_Pitch_Class	✓	✓	✓	✓	✓	0.070	0.522	0.027	0.200		-0.900			-0.900			0.000				
Prevalence_of_Most_Common_Pitch	✓	✓	✓	✓	✓	0.306	0.737	0.265	0.453		0.509			0.509			-0.312				
Prevalence_of_Most_Common_Pitch_Class	✓	✓	✓	✓	✓	0.365	0.835	0.180	0.697		0.741			0.741			-0.068				
Relative_Prevalence_of_Top_Pitches	✓	✓	✓	✓	✓	-0.162	0.624	-0.081	-0.056		-0.175			-0.175			0.146				
Relative_Prevalence_of_Top_Pitch_Classes	✓	✓	✓	✓	✓	-0.081	0.537	-0.029	-0.389		-0.073			-0.073			0.054				
Interval_Between_Most_Prevalent_Pitches	✓	✓	✓	✓	✓	0.317	0.760	0.225	-0.042		0.750			0.750			0.139				
Interval_Between_Most_Prevalent_Pitch_Classes	✓	✓	✓	✓	✓	-0.067	0.379	-0.025	-0.028		-0.063			-0.063			-0.083				
Pitch_Variability	✓	✓	✓	✓	✓	0.088	0.556	-0.016	0.050		0.004			0.004			0.291				
Pitch_Class_Variability	✓	✓	✓	✓	✓	-0.044	0.756	0.071	-0.262		-0.083			-0.083			-0.209				
Pitch_Class_Variability_After_Folding	✓	✓	✓	✓	✓	0.000	0.502	0.043	0.208		-0.514	0.020	-0.013	-0.514			0.279				
Pitch_Skewness	✓	✓	✓	✓	✓	0.179	0.611	0.219	0.018		0.575			0.575			0.193				
Pitch_Class_Skewness	✓	✓	✓	✓	✓	-0.023	0.914	-0.081	-0.259		0.020			0.020			-0.508				
Pitch_Class_Skewness_After_Folding	✓	✓	✓	✓	✓	-0.129	0.571	-0.056	-0.263		0.045			0.045			-0.005				
Pitch_Kurtosis	✓	✓	✓	✓	✓	0.266	0.741	0.600	-0.081		-0.960			-0.960			-0.005				
Pitch_Class_Kurtosis	✓	✓	✓	✓	✓	0.321	0.979	0.069	-0.011		0.079			0.079			0.298				
Pitch_Class_Kurtosis_After_Folding	✓	✓	✓	✓	✓	0.063	0.523	-0.047	-0.190		0.817	0.351	0.231	0.817			-0.166				
Major_or_Minor	✓	✓	✓	✓	✓	0.000	0.000	0.000	0.000		0.000			0.000			0.000				
First_Pitch	✓	✓	✓	✓	✓	-0.122	0.552	-0.085	0.291		0.013			0.013			-0.965				
First_Pitch_Class	✓	✓	✓	✓	✓	0.133	0.954	0.067	0.333		0.350			0.350			-0.011				
Last_Pitch	✓	✓	✓	✓	✓	0.056	0.519	0.037	0.247		0.306			0.306			0.090				
Last_Pitch_Class	✓	✓	✓	✓	✓	0.066	0.597	0.230	0.272		-0.139			-0.139			0.273				
Glissando_Prevalence	✓	✓	✓	✓	✓	0.412	0.959	0.481	0.433		-0.904			-0.904			0.805				
Average_Range_of_Glissandos	✓	✓	✓	✓	✓	-0.135	0.536	-0.182	0.421	0.304	0.020			-0.602			0.210				
Vibrato_Prevalence	✓	✓	✓	✓	✓	3.577	5.508	0.879	4.325		0.000			0.000			2.665				
Microtonal_Prevalence	✓	✓	✓	✓	✓	0.689	1.169	0.461	0.031		0.386			0.386			4.843				
Most_Common_Melodic_Interval	✓	✓	✓	✓	✓	0.841	0.961	0.467	0.667		1.313			1.313			1.278				
Mean_Melodic_Interval	✓	✓	✓	✓	✓	0.055	0.541	-0.046	0.226		0.013			0.013			-0.019				
Number_of_Common_Melodic_Intervals	✓	✓	✓	✓	✓	-0.381	0.785	-0.400	0.000		-0.875			-0.875			-0.011				
Distance_Between_Most_Common_Prevalent_Melodic_Intervals	✓	✓	✓	✓	✓	0.487	0.695	0.267	0.963	1.292				1.292	1.195	0.110	-0.004				
Prevalence_of_Most_Common_Melodic_Interval	✓	✓	✓	✓	✓	0.211	0.655	0.251	-0.133		0.773			0.773			-0.046				
Relative_Prevalence_of_Most_Common_Melodic_Interval	✓	✓	✓	✓	✓	-0.097	0.565	-0.228	0.279		-0.268			-0.268			0.140				
Amount_of_Appagitation	✓	✓	✓	✓	✓	0.152	0.709	0.087	0.382		0.762			0.762			-0.521				
Repeated_Notes	✓	✓	✓	✓	✓	0.243	0.745	0.359	0.080		0.815			0.815			0.388				
Chromatic_Motion	✓	✓	✓	✓	✓	0.032	0.586	0.236	-0.384		-0.539			-0.539			0.361				
Stepwise_Motion	✓	✓	✓	✓	✓	-0.040	0.634	0.019	-0.369		-0.566			-0.566			0.673	0.685	0.079		
Melodic_Thirds	✓	✓	✓	✓	✓	0.029	0.547	0.010	0.062		-0.265			-0.265			0.454				
Melodic_Perfect_Fourths	✓	✓	✓	✓	✓	0.090	0.759	0.210	0.214		0.220			0.220			0.264				
Melodic_Tritones	✓	✓	✓	✓	✓	0.320	0.752	0.503	0.169		0.138			0.138			0.240				
Melodic_Perfect_Fifths	✓	✓	✓	✓	✓	0.150	0.761	0.101	0.492		0.271			0.271			-0.095				
Melodic_Sixths	✓	✓	✓	✓	✓	0.053	0.650	-0.118	0.582		-0.144			-0.144			-0.201				
Melodic_Sevenths	✓	✓	✓	✓	✓	0.068	0.608	0.023	0.052		-0.154			-0.154			0.036				
Melodic_Octaves	✓	✓	✓	✓	✓	0.304	0.738	0.084	0.889		0.867			0.867			-0.192				
Melodic_Large_Intervals	✓	✓	✓	✓	✓	0.111	0.578	0.092	0.031		0.027			0.027			0.077				
Minor_Major_Melodic_Third_Ratio	✓	✓	✓	✓	✓	0.994	1.876	0.482	0.968		0.928			0.928			0.355				
Melodic_Embellishments	✓	✓	✓	✓	✓	0.340	0.667	0.101	0.383		0.134			0.134			0.391				
Direction_of_Melodic_Motion	✓	✓	✓	✓	✓	-0.251	0.746	-0.067	-0.291		-0.655			-0.655			-0.164				
Average_Length_of_Melodic_Arcs	✓	✓	✓	✓	✓	0.124	0.630	0.005	0.476		0.671			0.671			0.286				
Average_Interval_Spanned_by_Melodic_Arcs	✓	✓	✓	✓	✓	0.285	0.916	0.075	0.190		1.190			1.190			-0.308				
Melodic_Pitch_Variety	✓	✓	✓	✓	✓	-0.008	0.524	-0.046	0.046		-0.262			-0.262			0.643	0.527	0.132		
Average_Number_of_Simultaneous_Pitch_Classes	✓	✓	✓	✓	✓	-0.094	0.617	-0.048	-0.213		-0.239			-0.239			0.511				
Variability_of_Number_of_Simultaneous_Pitch_Classes	✓	✓	✓	✓	✓	0.167	0.101	0.386	0.443		-0.616			-0.616			0.501				
Average_Number_of_Simultaneous_Pitches	✓	✓	✓	✓	✓	-0.005	0.624	0.072	-0.201		-0.162			-0.162			0.326				
Variability_of_Number_of_Simultaneous_Pitches	✓	✓	✓	✓	✓	-0.007	0.533	0.067	0.034		-0.351			-0.351			0.068				
Most_Common_Vertical_Interval	✓	✓	✓	✓	✓	0.111	0.219	0.000	0.078	1.383	0.448	0.000		0.000			0.000				
Second_Most_Common_Vertical_Interval	✓	✓	✓	✓	✓	-0.571	1.007	-0.633	-0.111		0.000			0.000			0.000				
Distance_Between_Two_Most_Common_Vertical_Intervals	✓	✓	✓	✓	✓	-0.460	0.838	-0.633	-0.333		0.000			0.000			0.000				
Prevalence_of_Most_Common_Vertical_Interval	✓	✓	✓	✓	✓	0.179	0.718	0.155	-0.220		0.672			0.672			0.015				
Prevalence_of_Second_Most_Common_Vertical_Interval	✓	✓	✓	✓	✓	0.298	0.718	0.139	0.771		0.771			0.771			0.069				
Prevalence_Ratio_of_Two_Most_Common_Vertical_Intervals	✓	✓	✓	✓	✓	0.246	0.909	0.016	0.899		0.365			0.365			0.286				
Vertical_Unions	✓	✓	✓	✓	✓	0.170	0.722	0.071	-0.177		0.607			0.607			0.320				
Vertical_Minor_Seconds	✓	✓	✓	✓	✓	0.349	0.744	0.439	0.210		0.081			0.081			0.025				
Vertical_Thirds	✓	✓	✓	✓	✓	-0.106	0.815	-0.063	-0.062		-0.768			-0.768			0.240				
Vertical_Tritones	✓	✓	✓	✓	✓	0.188	0.613	0.403	0.105		-0.295			-0.295			-0.180				
Vertical_Perfect_Fourths	✓	✓	✓	✓	✓	-0.046	0.548	-0.030	-0.089		0.429			0.429			-0.032				
Vertical_Perfect_Fifths	✓	✓	✓	✓	✓	0.256	0.801	0.114	0.226		0.909			0.909			0.049				
Vertical_Sixths	✓	✓	✓	✓	✓	-0.102	0.726	0.045	0.092		-0.789			-0.789			0.003				
Vertical_Sevenths	✓	✓	✓																		

	PS			[Data] Population		[AffProg] PS2 Silhouette Cluster 1 (30)			[AffProg] PS2 Silhouette Cluster 2 (9)			[AffProg] PS2 Silhouette Cluster 3 (8)			[AffProg] PS2 Silhouette Cluster 5 (9)		
	1	2	3	MEAN	AVEDEV	MEAN	AVEDEV	MEAN DIFF	MEAN	AVEDEV	MEAN DIFF	MEAN	AVEDEV	MEAN DIFF	MEAN	AVEDEV	MEAN DIFF
Track Name	✓	✓	✓														
Rhythmic_Looseness_-_Tempo_Standardized	✓	✓	✓	0.014	0.794	0.540	1.343	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042
Polyrhythms_-_Tempo_Standardized	✓	✓	✓	0.070	0.441	0.053	0.337	-0.417	0.313	-0.046							
Initial_Tempo	✓	✓	✓	-0.101	0.639	0.019	-0.009		-0.093						-0.420		
Mean_Tempo	✓	✓	✓	0.073	0.609	0.131	0.550	-0.007							-0.138		
Tempo_Variability	✓	✓	✓	0.736	0.884	0.867	0.813	0.601							0.236		
Duration_In_Seconds	✓	✓	✓	0.130	0.833	0.277	0.487	-0.111							0.326		
Note_Density	✓	✓	✓	-0.001	0.614	-0.046	0.080		0.831	0.404	0.299				-0.131		
Note_Density_Variability	✓	✓	✓	0.058	0.568	0.000	0.333		0.592						-0.082		
Average_Time_Between_Attacks	✓	✓	✓	0.275	0.744	0.449	-0.538	0.271	-0.069						0.152		
Average_Time_Between_Attacks_for_Each_Voice	✓	✓	✓	0.541	1.188	0.353	-0.407		-0.158						3.061	2.781	
Variability_of_Time_Between_Attacks	✓	✓	✓	0.297	0.866	0.336	-0.157		-0.089						0.033		
Average_Variability_of_Time_Between_Attacks_for_Each_Voice	✓	✓	✓	0.126	0.653	0.412	-0.180		-0.340						0.455		
Minimum_Note_Duration	✓	✓	✓	0.523	0.845	0.360	0.063		0.821						0.057		
Maximum_Note_Duration	✓	✓	✓	1.159	1.935	0.550	4.319	4.961	0.550	-0.061					1.836		
Average_Note_Duration	✓	✓	✓	0.319	0.781	0.488	-0.239		-0.380						0.807		
Variability_of_Note_Durations	✓	✓	✓	0.264	0.767	0.037	0.659		-0.443						1.041	0.591	0.010
Amount_of_Staccato	✓	✓	✓	-0.051	0.481	-0.204	0.239		0.037						0.141		
Number_of_Strong_Rhythmic_Pulses	✓	✓	✓	0.005	0.913	0.044	0.444	0.375							-0.259		
Number_of_Moderate_Rhythmic_Pulses	✓	✓	✓	0.208	0.563	-0.018	0.303	0.227							0.545		
Number_of_Relatively_Strong_Rhythmic_Pulses	✓	✓	✓	0.185	0.674	0.056	0.074	0.750							0.185		
Strongest_Rhythmic_Pulse	✓	✓	✓	0.192	0.610	0.250	-0.243		0.042						-0.017		
Second_Strongest_Rhythmic_Pulse	✓	✓	✓	0.438	0.736	0.578	0.330	0.879							0.031		
Harmonicity_of_Two_Strongest_Rhythmic_Pulses	✓	✓	✓	0.237	0.477	0.295	-0.057		0.135						0.033		
Strength_of_Strongest_Rhythmic_Pulse	✓	✓	✓	0.208	0.702	0.368	-0.470		-0.070						-0.031		
Strength_of_Second_Strongest_Rhythmic_Pulse	✓	✓	✓	0.159	0.582	0.343	-0.434	0.322	-0.011						-0.003		
Strength_Ratio_of_Two_Strongest_Rhythmic_Pulses	✓	✓	✓	0.682	1.053	0.330	1.005		-0.100						1.020		
Combined_Strength_of_Two_Strongest_Rhythmic_Pulses	✓	✓	✓	0.151	0.613	0.322	-0.480	0.284	-0.018	-0.003					-0.047		
Rhythmic_Variability	✓	✓	✓	-0.023	0.576	0.120	-0.657	0.345	-0.058	0.026					-0.196		
Rhythmic_Looseness	✓	✓	✓	0.686	0.893	0.524	1.736	1.226	0.157	0.046					0.873		
Polyrhythms	✓	✓	✓	0.125	0.478	0.225	-0.006		-0.316						0.931		
Variability_of_Note_Prevalence_of_Pitched_Instruments	✓	✓	✓	0.153	0.634	0.061	0.551		0.846	0.661	0.059				-0.187		
Variability_of_Note_Prevalence_of_Unpitched_Instrument	✓	✓	✓	0.283	0.754	0.101	0.518		0.280						0.694		
Number_of_Pitched_Instruments	✓	✓	✓	0.238	0.768	0.367	0.037		-0.083						0.704		
Number_of_Unpitched_Instruments	✓	✓	✓	-0.100	0.628	0.273	-0.020		0.500	0.307	0.002				0.162		
Unpitched_Percussion_Instrument_Prevalence	✓	✓	✓	0.127	0.685	-0.107	0.259		0.206						0.734		
String_Keyboard_Prevalence	✓	✓	✓	0.292	0.537	0.414	0.288		-0.105						0.270		
Acoustic_Guitar_Prevalence	✓	✓	✓	0.046	0.075	0.051	0.060		0.090						0.003		
Electric_Guitar_Prevalence	✓	✓	✓	0.180	0.605	0.295	0.006		0.036						-0.070		
Violin_Prevalence	✓	✓	✓	0.001	0.001	0.001	0.000		0.000						0.000		
Saxophone_Prevalence	✓	✓	✓	1.763	2.628	0.209	7516	1.677	3124	0.617					2.002		
Brass_Prevalence	✓	✓	✓	0.497	0.647	0.102	1.555	0.423	0.411	0.459					0.663		
Woodwinds_Prevalence	✓	✓	✓	0.008	0.014	0.011	0.000		0.005						0.016		
Orchestral_Strings_Prevalence	✓	✓	✓	0.005	0.008	0.008	0.000		0.000						0.000		
String_Ensemble_Prevalence	✓	✓	✓	1.064	1.440	1.020	0.313		0.803						1.588		
Electric_Instrument_Prevalence	✓	✓	✓	0.027	0.501	0.046	-0.001		0.462						-0.235		
Maximum_Number_of_Independent_Voices	✓	✓	✓	-0.095	0.490	0.078	-0.222		-0.208						0.148		
Average_Number_of_Independent_Voices	✓	✓	✓	-0.095	0.567	0.060	-0.559		-0.028						0.309		
Variability_of_Number_of_Independent_Voices	✓	✓	✓	0.013	0.667	0.391	-0.279		-0.014						0.085		
Voice_Equality_-_Number_of_Notes	✓	✓	✓	0.170	0.649	-0.072	0.627		0.111						0.382		
Voice_Equality_-_Note_Duration	✓	✓	✓	0.003	0.571	-0.112	0.297		-0.099						0.499		
Voice_Equality_-_Dynamics	✓	✓	✓	0.079	0.640	0.147	-0.155		0.550						-0.029		
Voice_Equality_-_Melodic_Leaps	✓	✓	✓	0.148	0.822	0.058	0.078		0.504						0.352		
Voice_Equality_-_Range	✓	✓	✓	0.129	0.747	0.273	0.102		-0.238						0.256		
Importance_of_Loudest_Voice	✓	✓	✓	-0.015	0.612	0.026	-0.248		0.251						0.187		
Relative_Range_of_Loudest_Voice	✓	✓	✓	0.114	0.712	0.038	0.116		0.400						-0.143		
Relative_Range_Isolation_of_Loudest_Voice	✓	✓	✓	0.056	0.093	0.058	0.000		0.096						0.064		
Relative_Range_of_Highest_Line	✓	✓	✓	-0.023	0.721	0.075	-0.559		-0.063						-0.280		
Relative_Note_Density_of_Highest_Line	✓	✓	✓	0.204	0.746	0.447	-0.303		-0.624	0.248	-0.082				0.503		
Relative_Note_Durations_of_Lowest_Line	✓	✓	✓	0.311	0.868	0.392	0.128		-0.156						0.232		
Relative_Size_of_Melodic_Intervals_In_Lowest_Line	✓	✓	✓	0.558	0.596	0.477	0.820		0.820						0.382		
Voice_Overlap	✓	✓	✓	-1.108	1.717	-0.117	-0.223		-1.874						-0.691		
Voice_Separation	✓	✓	✓	0.331	0.750	0.196	0.358		0.754						-0.238		
Variability_of_Voice_Separation	✓	✓	✓	-0.172	0.665	0.264	0.306		0.593						-0.331		
Parallel_Motion	✓	✓	✓	0.456	0.925	0.552	-0.343		0.809						-0.262		
Similar_Motion	✓	✓	✓	-0.007	0.566	-0.058	0.351		0.236						-0.236		
Contrary_Motion	✓	✓	✓	0.260	0.752	0.432	0.432		0.223						-0.285		
Oblique_Motion	✓	✓	✓	-0.093	0.740	-0.134	0.022		-0.656						0.859	0.434	0.211
Parallel_Fifths	✓	✓	✓	0.531	1.015	0.485	0.221		0.610						-0.250		
Parallel_Octaves	✓	✓	✓	0.563	1.086	0.498	-0.240		1.339						-0.022		
Dynamic_Range	✓	✓	✓	-0.161	0.636	-0.215	0.059		0.050						0.150		
Variation_of_Dynamics	✓	✓	✓	-0.042	0.630	-0.195	0.165		0.457						0.109		
Variation_of_Dynamics_In_Each_Voice	✓	✓	✓	0.014	0.520	-0.108	0.443		-0.081						0.250		
Average_Note_to_Note_Change_In_Dynamics	✓	✓	✓	0.055	0.564	-0.208	0.580		0.026						0.224		