	FS FS 1 2		Population		(Means] FS2 Elbo Cluster 0 (7)			KMeans] FS2 Elbo Cluster 4 (42)		[KMeans] FS2 Elbow Cluster 5 (11)			
Track Name Number_of_Pitches	1 2	MEAN 0.090	0.582	MEAN -0.333	AVEDEV	MEAN DIFF	MEAN 0.132	AVEDEV	MEAN DIFF	MEAN 0.145	AVEDEV	MEAN DIFF	
Number_of_Pitch_Classes	\checkmark	-0.556	0.776	-1.143			-0.595 0.000			-0.091			
Number_of_Common_Pitches Number_of_Common_Pitch_Classes	\ \ \	-0.095	0.506 0.517	0.643 0.286	0.490	0.026	-0.167			0.227 -0.091			
Range Importance_of_Bass_Register	\ \ \	0.184 0.108	0.659	0.077 1.586	1.032	0.674	0.277 -0.092			-0.147 0.151			
Importance_of_Middle_Register		-0.194	0.676	-1.107	0.808	-0.237	-0.116			0.038			
Importance_of_High_Register Dominant_Spread	\ \ \	0.370 -0.175	0.669 0.459	-0.211 -0.667	0.381	-0.034	0.512 -0.087			-0.010 -0.152			
Strong_Tonal_Centres Mean_Pitch	N N	0.079 -0.025	0.497 0.837	-0.143 -1.773	1.087	-0.910	0.143 0.256			0.000 -0.217			
Mean_Pitch_Class		0.035	0.681	-1.224	1.343	-0.578	0.279			-0.068			
Most_Common_Pitch Most_Common_Pitch_Class		-0.366 0.070	0.659 0.522	-1.116 -0.400	0.691	-0.091	-0.269 0.171			-0.403 0.036			
Prevalence_of_Most_Common_Pitch Prevalence_of_Most_Common_Pitch_Class		0.306	0.737	1.826	1.661	0.782 0.797	0.048			0.364			
Relative_Prevalence_of_Top_Pitches Relative_Prevalence_of_Top_Pitch_Classes	\checkmark	-0.152 -0.081	0.624 0.537	-0.775 -0.789	0.813	-0.171	-0.074 0.064			-0.027 -0.225			
Interval_Between_Most_Prevalent_Pitches	\ \ \ \	0.317	0.760	0.696	0.513	*0.171	0.342			-0.170			
Interval_Between_Most_Prevalent_Pitch_Classes Pitch_Variability	\ \ \	-0.067 0.088	0.379 0.556	-0.036 0.227			-0.071 0.066			0.045 -0.091			
Pitch_Class_Variability Pitch_Class_Variability_After_Folding	N N	-0.044 0.000	0.756	-1.484 -0.292	1.992	-0.684	0.212			-0.048 0.138			
Pitch_Skewness	\checkmark	0.179	0.611	0.984	1.024	0.195	0.147			-0.052			
Pitch_Class_Skewness Pitch_Class_Skewness_After_Folding	\ \ \	-0.031 -0.129	0.914 0.571	1.532 -0.063	1.767	0.649	-0.250 -0.148			-0.427 -0.179			
Pitch_Kurtosis Pitch_Class_Kurtosis	\ \ \	0.266 0.321	0.741 0.979	0.078 3.291	3.729		0.384 -0.002			0.021 -0.405			
Pitch_Class_Kurtosis_After_Folding	\checkmark	0.063	0.523	0.663	0.669	0.077	-0.014			-0.090			
Major_or_Minor First_Pitch	N	0.000 -0.122	0.000 0.552	0.000 -0.755	0.437	-0.081	0.000 -0.074			0.000			
First_Pitch_Class Last_Pitch		0.133 0.056	0.554 0.519	0.143 0.254			0.110 -0.016			0.145 0.307			
Last_Pitch_Class Glissando_Prevalence	\blacksquare	0.166	0.597	-0.159 0.405			0.206			0.141			
Average_Range_of_Glissandos	\square	-0.135	0.536	-0.341			-0.144			0.254			
Vibrato_Prevalence Microtone_Prevalence		3.577 0.689	5.558 1.169	18.550 -0.155	31.800		0.880			4.756 0.376			
Most_Common_Melodic_Interval Mean_Melodic_Interval	\ \ \	0.841 0.055	0.961 0.541	0.357 -0.444			0.952 0.097			0.636			
Number_of_Common_Melodic_Intervals Distance_Between_Most_Prevalent_Melodic_Intervals	\checkmark	-0.381 0.487	0.785	-1.714 0.190	0.898	-0.549	-0.310 0.508			0.091			
Prevalence_of_Most_Common_Melodic_Interval	N N	0.211	0.655	1.466	1.324	0.600	0.122			-0.271			
Relative_Prevalence_of_Most_Common_Melodic_Intervals Amount_of_Arpeggiation	\checkmark	-0.097 0.112	0.565 0.709	-0.625 0.834	1.169	0.012	-0.095 0.033			0.296 0.133			
Repeated_Notes Chromatic_Motion	\ \ \	0.243 0.032	0.745 0.586	1.685 -0.188	1.484	0.698	0.097 0.152			-0.110 -0.280			
Stepwise_Motion	\checkmark	-0.040	0.634	-0.222	0.5	0.555	0.038			-0.257			
Melodic_Thirds Melodic_Perfect_Fourths	\ \ \	0.029 0.190	0.547 0.759	-0.553 -0.946	0.638 0.802	-0.035 -0.377	0.074 0.277			0.257 0.430			
Melodic_Tritones Melodic_Perfect_Fifths	\ \ \	0.320 0.150	0.752 0.761	0.052 -0.123			0.392 0.073			0.190 0.889			
Melodic_Sixths Melodic_Sevenths	K K K	0.053	0.650	0.115	0.938	0.010	-0.171 -0.001			0.735	0.757	0.032	
Melodic_Octaves	\checkmark	0.304	0.738	-0.067	0.938	0.010	0.421			0.159			
Melodic_Large_Intervals Minor_Major_Melodic_Third_Ratio	\ \ \	0.111	0.578 1.876	-0.205 5.608	4.526		0.166 0.050			0.055			
Melodic_Embellishments Direction of Melodic Motion	\ \ \ \	0.340 -0.251	0.667	-0.480 0.092	0.127	-0.153	0.432 -0.157			0.198 -0.523			
Average_Length_of_Melodic_Arcs	\checkmark	0.124	0.630	0.519	2512		0.105			-0.084			
Average_Interval_Spanned_by_Melodic_Arcs Melodic_Pitch_Variety	\ \ \	0.285 -0.008	0.916 0.524	1.247 -0.598	2.542 0.575	-0.066	0.220 0.029			-0.093 0.248			
Average_Number_of_Simultaneous_Pitch_Classes Variability_of_Number_of_Simultaneous_Pitch_Classes	V V	-0.094 0.167	0.617 1.011	-1.525 -0.755	0.503	-0.814	0.169 0.160			-0.117 0.357			
Average_Number_of_Simultaneous_Pitches Variability_of_Number_of_Simultaneous_Pitches	\ \ \	-0.005 -0.007	0.624 0.533	-1.201 -0.700	0.357 0.195	-0.572 -0.160	0.266			-0.099 -0.041			
Most_Common_Vertical_Interval	\checkmark	0.111	0.219	0.000	0.193	0.100	0.000			0.636	1.157	0.307	
Second_Most_Common_Vertical_Interval Distance_Between_Two_Most_Common_Vertical_Interval	\ \ \	-0.571 -0.460	1.007 0.838	-0.714 -0.714			-0.381 -0.381			-0.909 -0.273			
Prevalence_of_Most_Common_Vertical_Interval	\ \ \	0.179 0.298	0.718 0.718	1.765 0.226	1.654	0.868	0.038 0.250			-0.103 0.743			
Prevalence_Ratio_of_Two_Most_Common_Vertical_Interv		0.246	0.909	-0.775	1.391	-0.112	0.233			0.821			
Vertical_Unisons Vertical_Minor_Seconds	\checkmark	0.349	0.772	0.232 0.032			0.169			0.074			
Vertical_Thirds Vertical_Tritones	\ \ \	-0.106 0.188	0.815 0.613	-1.087 -0.040	1.289	-0.167	0.014 0.237			-0.091 -0.056			
Vertical_Perfect_Fourths Vertical_Perfect_Fifths	N N	-0.046 0.256	0.548 0.801	-0.576 -0.058			0.040 0.267			-0.036 0.784			
Vertical_Sixths	N N	-0.102	0.726	-0.667			-0.053			0.076			
Vertical_Sevenths Vertical_Octaves	\ \ \	0.058	0.700	-0.184 2.078	1.189	1.203	-0.020 -0.086			0.147 -0.090			
Perfect_Vertical_Intervals Vertical_Dissonance_Ratio	\ \ \ \	0.160 0.130	0.730 0.701	1.027 -0.105	1.119	0.137	0.095			0.140 0.023			
Vertical_Minor_Third_Prevalence Vertical_Major_Third_Prevalence	\ \ \	-0.046 -0.082	0.543 0.688	-1.113 -1.485	0.242 0.496	-0.524 -0.715	0.160 0.185			-0.138 -0.105			
Chord_Duration	KKK KKK	0.349	0.720	0.902			0.410			-0.137			
Partial_Chords Standard_Triads	\checkmark	0.167 0.136	0.654 0.696	1.461 -0.372	0.920	0.640	-0.058 0.245			0.203 0.085			
Diminished_and_Augmented_Triads Dominant_Seventh_Chords	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0.672 0.373	1.081 0.653	1.772 -0.083	3.351		0.499			0.534 0.453			
Seventh_Chords Non-Standard_Chords	\ \ \	0.062 -0.033	0.649 0.726	-0.954 -0.753	0.251	-0.367	0.204			0.226 -0.123			
Complex_Chords	\checkmark	0.191	0.624	-0.688	0.043	-0.255	0.331			0.233			
Minor_Major_Triad_Ratio Simple_Initial_Meter	X	1.805 -0.079	3.032 0.146	0.921 0.000			0.418 -0.095			0.368 -0.091			
Compound_Initial_Meter Complex_Initial_Meter	\checkmark	0.063	0.119	0.000			0.071			0.091			
Duple_Initial_Meter Triple Initial Meter	\checkmark	0.016	0.031	0.000			0.024			0.000			
Quadruple_Initial_Meter		-0.048	0.091	0.000			-0.071			0.000			
Metrical_Diversity Total_Number_of_Notes	\ \ \	0.429 0.012	0.612 0.584	0.143 -0.039			0.524 0.052			0.364			
Note_Density_per_Quarter_Note Note_Density_per_Quarter_Note_per_Voice	\ \ \	-0.023 0.221	0.678	-0.066 0.933	0.893	0.029	0.126 0.201			-0.143 0.068			
Range_of_Rhythmic_Values Number_of_Different_Rhythmic_Values_Present	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	-0.333 -0.492	0.529 0.672	-1.429 -1.571	1.633 1.510	-0.566 -0.408	-0.190 -0.357			-0.182 -0.364			
Number_of_Common_Rhythmic_Values_Present		0.063	0.505	0.143 0.439			0.024			0.273			
	N N N N	-0.075 -0.128	0.577 0.609	0.538	0.383	0.057	-0.235			-0.055			
Prevalence_of_Medium_Rhythmic_Values Prevalence_of_Long_Rhythmic_Values	\ \ \ \ \	0.162 0.239	0.575 0.732	-0.220 -0.723	0.309	-0.229	0.299 0.391			-0.016 -0.062			
Prevalence_of_Very_Long_Rhythmic_Values Prevalence_of_Dotted_Notes	N N	0.508	0.957	-0.320 -0.832	0.346	-0.205	0.618			0.453			
Shortest_Rhythmic_Value	\checkmark	0.002	0.004	0.000		-0.205	0.000			0.000			
Longest_Rhythmic_Value Mean_Rhythmic_Value	\ \ \	-1.000 0.123	1.619 0.695	-3.571 -0.839	4.082 0.416	-0.267	-0.762 0.325			-0.545 -0.162			
Most_Common_Rhythmic_Value Prevalence_of_Most_Common_Rhythmic_Value	N N	0.122 0.147	0.498 0.554	-0.048 0.569			0.151 0.130			-0.212 -0.142			
Relative_Prevalence_of_Most_Common_Rhythmic_Values	$\mathbf{\nabla}$	-0.517	0.601	-0.659			-0.634			-0.049			
Rhythmic_Value_Variability	\ \ \	-0.016 0.097	0.476 0.665	-0.214 -0.889	0.299	-0.322	0.083 0.251			-0.364 -0.035			
Rhythmic_Value_Skewness Rhythmic_Value_Kurtosis	\ \ \ \	-0.053 0.491	0.592 1.071	-0.457 2.686	2.899		0.023			0.067 0.348			
Mean_Rhythmic_Value_Run_Length	\ \ \ \ \ \ \ \ \	0.134	0.626	1.357	0.902	0.598	0.020			-0.160 0.273			
Median_Rhythmic_Value_Run_Length	7 7	0.178	0.661	0.219		0.176	0.121			0.546			
Variability_in_Rhythmic_Value_Run_Lengths Mean_Rhythmic_Value_Offset		0.136	0.556	-0.483	0.272	-0.063	0.076			0.694	0.478	0.002	

Median_Rhythmic_Value_Offset Variability_of_Rhythmic_Value_Offsets Complete_Rests_Fraction Partial_Rests_Fraction	FS FS [Data] Population		MEAN	[KMeans] FS2 Elbo Cluster 0 (7) AVEDEV	MEAN DIFF	MEAN [KMeans] FS2 Elbow Cluster 4 (42) AVEDEV MEAN DIFF	[KMeans] FS2 Elbow Cluster 5 (11) MEAN AVEDEV MEAN DIFF			
Variability_of_Rhythmic_Value_Offsets Complete_Rests_Fraction Partial_Rests_Fraction	2 🗆	-0.004	0.466	-0.327	ALLDEA	AIT DIFF	-0.085	WEAR DIFF	0.477	0.218	0.016
Partial_Rests_Fraction		1.098	1.917	-0.228 1.270			0.628		3.834 0.298	4.802	
		-0.008	0.015	-0.017			-0.005		0.000		
I Complete Book	4	-0.121	0.591	-0.340			-0.266		0.191		
		4.097 0.176	7.384 0.759	-0.189 0.009			0.487 -0.016		0.481		
Mean_Complete_Rest_Duration	⊿ 🗸	4.209	7.266	-0.105			0.559		0.512		
Mean_Partial_Rest_Duration Median_Complete_Rest_Duration		2.324 3.404	3.837 5.718	-0.007 0.107			0.813		-0.160 0.781		
Median_Partial_Rest_Duration		29.328	56.654	0.042			0.801		-0.019		
		4.290 0.199	7.772 0.773	-0.311 -0.200			0.821 0.256		0.540 -0.118		
Variability_Across_Voices_of_Combined_Rests	$ ightarrow \square$	0.048	0.577	0.313			0.006		0.384		
Number_of_Strong_Rhythmic_PulsesTempo_Standardi Number_of_Moderate_Rhythmic_PulsesTempo_Standa		-0.040 0.402	0.441	0.179			0.048		-0.409 0.242		
Number_of_Relatively_Strong_Rhythmic_PulsesTempo		0.450	0.699	0.571			0.476		0.152		
Strongest_Rhythmic_PulseTempo_Standardized Second_Strongest_Rhythmic_PulseTempo_Standardize	#	0.065	0.954	0.850 0.343			0.123		-0.818 0.105		
Harmonicity_of_Two_Strongest_Rhythmic_PulsesTemp		0.400	0.689	0.921			0.389		0.014		
Strength_of_Strongest_Rhythmic_PulseTempo_Standa Strength_of_Second_Strongest_Rhythmic_PulseTempo		0.108	0.592 0.579	0.115 0.357			0.187 0.338		-0.425 -0.400	0.295	-0.002
Strength_Ratio_of_Two_Strongest_Rhythmic_PulsesTe		1.314	2.142	0.104			0.681		2.034		
Combined_Strength_of_Two_Strongest_Rhythmic_Pulses, Rhythmic_VariabilityTempo_Standardized		0.177	0.569 0.539	0.266 0.214			0.295		-0.388 -0.544	0.277	-0.051
		0.614	0.794	0.196 -0.226			0.515		1.311		
	Ž	-0.101	0.639	0.099			-0.126		-0.097		
	4	0.073	0.609	0.239			-0.021		0.410		
Duration_in_Seconds	\ \ \ \ \	0.736 0.130	0.884 0.853	1.251 -0.450			0.667 -0.089		0.687 0.272		
Note_Density	⊿ ✓	-0.001 0.058	0.614 0.568	0.098 -0.436			0.048		0.073 0.399		
Average_Time_Between_Attacks		0.275	0.744	0.275			0.415		-0.536	0.264	-0.067
Average_Time_Between_Attacks_for_Each_Voice		0.541	1.188 0.866	-0.423 0.105			0.535		1.074 -0.021		
Average_Variability_of_Time_Between_Attacks_for_Each_	⊿ ✓	0.126	0.653	-0.647	0.362	-0.120	0.385		-0.226		
		0.523	0.845 1.935	1.726 -0.213	1.216	0.359	0.357 0.791		-0.039 3.649	4.546	
Average_Note_Duration	⊿ ✓	0.319	0.781	-0.589	0.235	-0.127	0.566		-0.111	7.070	
Variability_of_Note_Durations		0.264 -0.051	0.767	-0.751 -0.051	0.185	-0.248	0.321 -0.165		0.596 0.289		
Number_of_Strong_Rhythmic_Pulses	⊿ □	0.005	0.513	0.381			0.103		-0.485		
		0.208	0.563	0.338			0.121		0.298 -0.030		
Strongest_Rhythmic_Pulse		0.192	0.610	0.809	0.698	0.007	0.166		-0.243		
		0.438	0.736	0.340			0.525 0.286		0.248 -0.106		
Strength_of_Strongest_Rhythmic_Pulse		0.208	0.702	0.077			0.363		-0.506	0.270	-0.013
		0.159	0.582 1.093	0.202 0.145			0.367		-0.525 1.539	0.286	-0.102
Combined_Strength_of_Two_Strongest_Rhythmic_Pulses	2 🗆	0.151	0.613	0.111			0.333		-0.544	0.232	-0.082
		-0.023 0.686	0.576	0.064			0.132		-0.727 1.755	1.020	-0.127 0.175
Polyrhythms	$a \square$	0.125	0.478	-0.188			0.185		0.041		
Variability_of_Note_Prevalence_of_Pitched_Instruments Variability_of_Note_Prevalence_of_Unpitched_Instrument		0.153	0.634	0.243			0.154		0.358		
Number_of_Pitched_Instruments	⊿ ✓	0.238	0.768	-0.571	0.490	-0.042	0.365		0.242		
		-0.130 0.127	0.628 0.685	-0.286 0.569			-0.156 0.080		0.231		
String_Keyboard_Prevalence	⊿ ✓	0.292	0.537	0.095			0.356		0.321		
Acoustic_Guitar_Prevalence Electric_Guitar_Prevalence		0.046	0.075	0.015			0.054		0.049		
Violin_Prevalence	⊿ ✓	0.001	0.001 2.628	0.000			0.001		0.000 7.798	1.639	3.407
Saxophone_Prevalence Brass_Prevalence		0.497	0.647	0.000			0.347		1.585	0.397	0.441
Woodwinds_Prevalence		0.008	0.014	0.005			0.011		0.000		
	Ž	0.005 1.064	0.008 1.440	0.000			0.006 1.219		0.000		
Electric_Instrument_Prevalence	⊿ ✓	0.027 -0.095	0.501 0.490	0.201 -0.667	0.381	-0.082	0.018 0.048		0.053 -0.030		
		-0.095	0.490	-0.691	0.381	-0.082	0.048		-0.030		
	2	0.013	0.667 0.649	-0.615 0.305			0.285		-0.255 0.288		
Voice_EqualityNumber_of_Notes Voice_EqualityNote_Duration	\ \ \ \	0.003	0.571	-0.001			0.047		0.288		
Voice_EqualityDynamics		0.079	0.640	0.367			0.145		-0.024		
Voice_EqualityRange	√ ✓	0.148 0.129	0.822 0.747	0.266 0.513			0.195 0.115		0.124 0.204		
Importance_of_Loudest_Voice Relative Range of Loudest Voice		-0.015 0.114	0.612	-0.348 0.247			0.164		-0.149 0.148		
		0.056	0.093	0.068			0.073		0.000		
Relative_Range_of_Highest_Line	2	-0.023 0.204	0.721 0.746	0.163 0.067			-0.025 0.321		-0.335 -0.171		
Relative_Note_Durations_of_Lowest_Line	/ /	0.311	0.868	0.151			0.389		0.174		
Delether Classes Mails 11	4 V	0.558 -1.108	0.596	0.710 -4.053	3.624		0.526 -0.315		0.507 -0.227		
Relative_Size_of_Melodic_Intervals_in_Lowest_Line Voice Overlap	4 4	0.331	0.755	2.089	2.006		0.108		0.124		
Voice_Overlap Voice_Separation	/ V	0.172	0.665 0.925	0.289 3.044	0.979	1.663	0.179 0.277		0.194 -0.335		
Voice_Overlap Voice_Separation Variability_of_Voice_Separation					0.466	-0.233	0.074		0.223		
Voice_Overlap Voice_Separation Variability_of_Voice_Separation Parallel_Motion Similar_Motion		-0.007	0.566	-0.805			0.222		-0.080		
Voice_Separation Variability_of_Voice_Separation Parallel_Motion Similar_Motion Contrary_Motion	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		0.566 0.752 0.740	-0.805 0.745 -0.867	0.578	-0.035	-0.073		0.217		
Voice_Overlap Voice_Separation Variability_of_Voice_Separation Parallel_Motion Similiar_Motion Contrary_Motion Oblique_Motion		-0.007 0.260 -0.093 0.531	0.752 0.740 1.015	0.745 -0.867 2.765	3.246		-0.073 0.333		0.217 0.185		
Voice_Overlap Voice_Separation Variability_of_Voice_Separation Parallel_Motion Similar_Motion Contrary_Motion Oblique_Motion Parallel_Fifth Parallel_Ctaves		-0.007 0.260 -0.093	0.752 0.740	0.745 -0.867		-0.035 1.915	-0.073		0.217		
Voice_Overlap Voice_Separation Variability, of_Voice_Separation Parallel_Motion Similar_Motion Contrary_Motion Oblique_Motion Parallel_Fitths Parallel_Ctotwes Dynamic_Range Variation_or_Upyramics		-0.007 0.260 -0.093 0.531 0.563	0.752 0.740 1.015 1.086	0.745 -0.867 2.765 3.564	3.246		-0.073 0.333 0.325		0.217 0.185 -0.169	0.407	0.051