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APPENDIX 1

Proximity Matrix of Squared Euclidean Distance

	Squared Euclidean Distance																																									
	GAM 05.02	GAM 05.08	SEN 01.02	SEN 01.03	SEN 02.01	SEN 02.04	SEN 02.05	SEN 02.06	SEN 02.08	SEN 02.09	SEN 03.03	SEN 03.06	SEN 03.07	SEN 04.01	SEN 04.02	SEN 04.03	SEN 05.01	SEN 05.02	SEN 05.03	SEN 05.04	SEN 05.05	SEN 05.08	SEN 06.01	SEN 06.06	SEN 07.03	SEN 07.04	SEN 07.05	SEN 07.08	SEN 08.02	SEN 08.03	SEN 08.04	SEN 09.04	SEN 10.09	SEN 10.05	SEN 12.01	SEN 12.02	SEN 12.03	SEN 12.05	SEN 13.01	SEN 13.04	SEN 13.07	SSC 3
GAM 05.02	0.000	91.893	218.974	32.618	29.982	35.575	38.850	44.586	77.324	35.745	43.162	66.415	46.482	38.248	63.247	62.150	41.271	69.188	49.011	34.763	52.351	42.475	39.757	31.735	23.603	34.634	50.011	40.003	81.736	57.828	51.562	151.642	37.286	27.501	29.037	77.401	32.799	54.667	67.082	44.752	145.504	363.395
GAM 05.08	91.893	0.000	316.978	91.550	93.294	110.712	73.230	104.126	157.458	78.628	91.209	97.160	38.280	89.658	101.849	87.076	74.170	52.575	89.874	64.037	70.948	95.662	95.314	69.975	31.682	33.227	72.227	86.582	98.739	90.595	89.456	176.891	78.690	81.932	114.085	177.283	137.467	145.099	132.451	153.857	197.921	448.817
SEN 01.02	218.974	316.978	0.000	164.068	148.621	171.136	206.220	152.399	237.473	148.567	136.608	148.888	203.983	183.410	185.960	148.776	210.307	212.865	158.525	171.353	164.831	227.606	199.180	174.957	195.758	169.682	229.278	176.805	153.827	242.854	235.554	261.155	195.421	216.707	169.108	205.438	151.256	204.728	161.479	155.872	284.827	392.882
SEN 01.03	32.618	91.550	164.068	0.000	17.803	17.678	34.014	19.370	76.371	15.933	23.951	62.933	41.635	31.831	37.479	44.366	32.006	41.542	24.010	26.520	25.126	33.072	25.806	14.866	13.360	16.844	50.739	25.907	47.106	41.786	40.541	96.396	32.002	20.341	26.309	85.307	38.532	50.974	46.509	36.223	115.076	292.329
SEN 02.01	29.982	93.294	148.621	17.803	0.000	22.118	28.946	17.065	76.021	14.769	16.431	47.112	33.563	15.394	29.418	36.563	25.160	54.871	20.251	17.800	23.924	45.512	22.998	22.736	17.113	24.940	53.765	28.135	39.501	58.370	55.230	115.163	34.965	25.766	17.716	50.899	25.151	47.373	44.806	27.801	123.736	321.471
SEN 02.04	35.575	110.712	171.136	17.678	22.118	0.000	26.150	14.974	84.768	26.118	29.815	73.389	45.366	30.137	45.762	41.121	25.424	48.519	21.862	30.836	35.476	31.082	18.549	20.869	15.711	28.799	64.517	25.836	50.959	49.505	54.213	125.690	32.942	26.512	24.725	72.637	50.904	54.010	58.322	39.293	124.041	328.136
SEN 02.05	38.850	73.230	206.220	34.014	28.946	26.150	0.000	19.418	134.333	21.074	41.569	61.923	37.228	44.499	35.115	26.009	27.555	42.412	15.338	30.285	31.585	21.107	13.336	27.024	21.303	15.791	62.761	14.709	89.135	78.961	70.980	134.320	42.864	15.927	52.706	93.647	75.479	86.362	72.641	186.349	347.942	
SEN 02.06	44.586	104.126	152.399	19.370	17.065	14.974	19.418	0.000	98.229	12.391	27.666	67.877	39.928	29.544	30.204	31.160	32.429	45.735	12.460	26.473	20.848	27.269	11.952	20.970	18.899	10.366	26.571	63.077	65.706	132.358	37.629	18.995	24.471	75.737	51.898	55.234	37.531	42.980	139.782	347.818		
SEN 02.08	77.324	157.458	237.473	76.371	76.021	84.768	134.333	98.229	0.000	81.415	91.299	116.570	73.082	67.601	118.061	132.515	93.112	140.660	127.411	72.865	87.327	120.121	113.097	70.683	82.090	114.694	96.673	104.630	140.570	45.911	80.175	239.805	80.005	95.066	42.533	65.878	58.958	45.855	78.693	40.112	84.962	454.054
SEN 02.09	35.745	78.628	148.567	15.933	14.769	26.118	21.074	12.391	81.415	0.000	18.395	42.491	20.224	26.877	27.559	32.949	30.933	48.499	17.217	13.631	16.872	24.588	26.250	21.472	24.339	13.791	50.872	14.003	31.511	53.856	53.884	136.721	38.899	17.718	27.703	69.990	63.419	42.436	49.235	135.272	349.785	
SEN 03.03	43.162	91.209	136.608	23.951	16.431	29.815	41.569	27.666	91.299	18.395	0.000	46.517	33.186	23.884	32.695	40.158	27.671	55.827	19.149	24.231	27.336	45.475	35.173	26.824	35.914	35.743	54.738	40.262	38.156	58.878	56.671	128.088	35.018	36.134	27.686	73.551	31.424	63.407	47.320	43.048	119.830	433.608
SEN 03.06	66.415	97.160	148.888	62.933	47.112	73.389	61.923	67.877	116.570	42.491	46.517	0.000	41.756	49.899	49.640	47.570	52.189	91.894	50.000	49.367	68.404	81.620	73.847	65.160	69.958	59.036	47.678	63.676	65.306	84.440	72.428	145.598	43.287	63.928	57.732	113.894	57.717	109.977	100.398	93.878	146.327	377.364
SEN 03.07	46.482	38.280	203.983	41.635	33.563	45.366	37.228	39.928	73.082	20.224	33.186	41.756	0.000	26.441	41.233	45.698	29.530	48.792	40.459	18.287	31.571	46.370	44.689	34.109	40.458	44.003	38.688	62.038	48.741	41.450	48.222	168.875	36.915	37.538	38.388	78.728	61.408	72.322	63.636	71.886	119.180	414.303
SEN 04.01	64.288	89.658	183.410	31.831	15.394	30.137	44.499	29.544	67.601	26.877	23.884	49.899	26.441	0.000	29.174	36.549	18.490	69.474	30.558	18.201	30.933	32.410	31.778	40.449	28.544	44.003	39.775	42.194	57.154	39.352	43.848	129.120	26.960	37.622	15.314	27.686	28.191	41.333	64.229	34.838	193.014	363.925
SEN 04.02	63.247	101.849	185.960	37.479	29.418	45.762	35.115	30.204	118.061	27.559	32.695	49.640	41.233	29.174	0.000	37.077	29.040	67.236	26.767	49.566	45.162	46.820	46.416	64.262	45.079	27.804	41.102	33.672	34.500	77.119	45.096	132.969	31.432	26.034	41.532	99.370	59.521	85.158	61.926	72.223	124.807	379.509
SEN 04.03	62.150	87.076	148.776	44.366	36.563	41.121	26.009	31.160	132.515	32.949	40.158	47.570	45.698	36.349	37.077	0.000	23.677	55.491	18.397	35.031	49.888	48.572	26.240	33.139	33.556	38.078	55.644	36.627	37.683	71.661	76.062	111.240	35.673	40.000	51.696	93.057	64.558	80.740	89.613	81.346	331.271	
SEN 05.01	41.271	74.170	210.307	32.006	25.160	25.424	27.555	32.429	93.112	30.933	27.671	52.189	29.530	18.490	20.400	23.677	0.000	43.958	22.370	30.441	46.885	39.793	20.835	36.941	22.146	35.098	43.664	44.901	48.580	54.023	114.517	22.230	27.964	30.939	78.597	53.567	60.710	72.610	59.595	338.001		
SEN 05.02	69.188	52.575	212.865	41.542	54.871	48.519	42.412	45.735	140.660	48.499	55.827	91.894	48.792	69.474	67.236	55.491	43.958	0.000	47.222	60.317	39.564	59.737	49.095	32.833	30.728	44.980	67.858	46.704	50.059	79.081	71.689	124.994	50.558	47.419	76.403	153.006	110.320	105.588	74.467	97.632	153.612	363.919
SEN 05.03	49.011	89.874	158.525	24.010	20.251	21.862	15.338	12.460	127.411	17.217	19.149	50.000	40.559	30.458	26.767	18.397	22.372	47.222	0.000	23.664	30.048	24.456	15.859	30.899	26.836	21.601	55.429	20.460	24.829	70.027	69.314	103.904	33.018	21.308	38.220	93.354	54.870	75.658	63.067	64.013	153.451	318.756
SEN 05.04	34.763	64.037	171.353	26.520	17.800	30.836	30.285	26.473	72.865	13.631	24.231	49.367	18.287	20.330	49.566	35.031	30.441	60.317	22.664	0.000	22.936	32.096	36.157	23.354	25.953	35.077	58.258	28.536	46.704	39.681	60.547	135.342	45.524	30.741	29.839	53.673	42.430	53.349	61.918	46.347	142.909	344.092
SEN 05.05	52.351	70.948	164.831	25.126	23.924	35.476	31.585	20.848	87.327	16.872	27.336	68.404	31.571	43.210	45.182	49.888	46.885	39.564	30.048	22.936	0.000	37.189	35.288	31.343	29.169	28.894	62.757	18.509	36.264	56.030	57.085	157.374	50.018	25.266	39.280	74.249	61.726	62.401	33.748	49.116	141.419	388.155
SEN 05.06	42.475	95.662	227.606	33.072	45.512	31.082	21.107	27.269	120.121	24.588	45.475	81.620	45.3																													