

Appendix A

No.	Text Document	ROUGE-TYPE	PROPOSED MODEL				LSA				MS Word		
			Avg_Recall	Avg_Precision	Avg_F-Score		Avg_Recall	Avg_Precision	Avg_F-Score		Avg_Recall	Avg_Precision	Avg_F-Score
1	accuracy_garmin_nuvi_255W_gps	ROUGE-L	0.29032	0.23684	0.26087		0.29032	0.10465	0.15385		0.05814	0.38462	0.10101
		ROUGE-1	0.41667	0.40816	0.41237		0.27083	0.13131	0.17687		0.12121	0.63158	0.20339
		ROUGE-2	0.2973	0.25581	0.275		0.08108	0.03226	0.04615		0.02151	0.15385	0.03774
		ROUGE-SU4	0.375	0.31915	0.34483		0.10625	0.03908	0.05714		0.03678	0.32	0.06598
2	bathroom_bestwestern_hotel_sfo.txt	ROUGE-L	0.14815	0.2	0.17021		0.37037	0.1	0.15748		0.09	0.5625	0.15517
		ROUGE-1	0.33333	0.39474	0.36145		0.42222	0.15447	0.22619		0.12195	0.65217	0.20548
		ROUGE-2	0	0	0		0.09375	0.02586	0.04054		0.00862	0.0625	0.01515
		ROUGE-SU4	0.12121	0.16327	0.13913		0.19697	0.04771	0.07681		0.03486	0.35849	0.06355
3	battery_life_amazon_kindle.txt	ROUGE-L	0.42	0.31343	0.35897		0.11364	0.04386	0.06329		0.12	0.2069	0.1519
		ROUGE-1	0.61842	0.48958	0.54651		0.12857	0.06618	0.08738		0.19737	0.38462	0.26087
		ROUGE-2	0.44262	0.3375	0.38298		0	0	0		0.06557	0.13333	0.08791
		ROUGE-SU4	0.51282	0.3794	0.43614		0.04132	0.01667	0.02375		0.07692	0.18421	0.10853
4	battery_life_netbook_1005ha.txt	ROUGE-L	0.12963	0.13462	0.13208		0.2716	0.12828	0.17426		0.1677	0.39706	0.23581
		ROUGE-1	0.30618	0.35048	0.32684		0.36798	0.25437	0.3008		0.29664	0.68794	0.41453
		ROUGE-2	0.0303	0.03644	0.03309		0.10438	0.06392	0.07928		0.18519	0.48673	0.26829
		ROUGE-SU4	0.11201	0.13922	0.12414		0.15373	0.09231	0.11535		0.18025	0.55787	0.27247
5	buttons_amazon_kindle.txt	ROUGE-L	0.23077	0.23596	0.23333		0.48352	0.25882	0.33716		0.24444	0.51163	0.33083
		ROUGE-1	0.31333	0.32639	0.31973		0.5	0.33784	0.40323		0.28676	0.58209	0.38424
		ROUGE-2	0.07438	0.07895	0.0766		0.29752	0.17391	0.21951		0.18182	0.42308	0.25434
		ROUGE-SU4	0.13761	0.14648	0.14191		0.3633	0.20625	0.26312		0.17514	0.49468	0.25869
6	comfort_honda_accord_2008.txt	ROUGE-L	0.24675	0.26389	0.25503		0.32468	0.13228	0.18797		0.07937	0.41667	0.13333
		ROUGE-1	0.38168	0.41322	0.39683		0.39695	0.19772	0.26396		0.09506	0.37879	0.15198
		ROUGE-2	0.08	0.08989	0.08466		0.06	0.02429	0.03458		0.0081	0.04167	0.01356
		ROUGE-SU4	0.15982	0.18373	0.17094		0.16667	0.0632	0.09165		0.0303	0.20231	0.05271
7	comfort_toyota_camry_2007.txt	ROUGE-L	0.5	0.29167	0.36842		0.35714	0.13889	0.2		0.0463	0.33333	0.0813
		ROUGE-1	0.61644	0.38793	0.47619		0.39726	0.22137	0.28431		0.10687	0.45161	0.17284
		ROUGE-2	0.38462	0.21277	0.27397		0.25	0.10833	0.15116		0.025	0.14286	0.04255
		ROUGE-SU4	0.48402	0.25059	0.33022		0.33333	0.13394	0.1911		0.03303	0.27692	0.05902
8	directions_garmin_nuvi_255W_gps.txt	ROUGE-L	0.09195	0.16667	0.11852		0.34483	0.22222	0.27027		0.02222	0.11111	0.03704
		ROUGE-1	0.20175	0.2987	0.24084		0.35965	0.26452	0.30483		0.11613	0.40909	0.1809
		ROUGE-2	0.01031	0.01695	0.01282		0.20619	0.13699	0.16461		0.02055	0.08571	0.03315
		ROUGE-SU4	0.05345	0.09231	0.0677		0.2539	0.16642	0.20106		0.03504	0.1791	0.05861
9	display_garmin_nuvi_255W_gps.txt	ROUGE-L	0.07143	0.06667	0.06897		0.25	0.10448	0.14737		0.04478	0.1875	0.07229
		ROUGE-1	0.16216	0.15789	0.16		0.37838	0.17949	0.24348		0.0641	0.26316	0.10309
		ROUGE-2	0	0	0		0.06667	0.02703	0.03846		0	0	0
		ROUGE-SU4	0.04511	0.04478	0.04494		0.14286	0.05429	0.07867		0.01429	0.08772	0.02457

No.	Text Document	ROUGE-TYPE	PROPOSED MODEL			LSA			MS Word		
			Avg_Recall	Avg_Precision	Avg_F-Score	Avg_Recall	Avg_Precision	Avg_F-Score	Avg_Recall	Avg_Precision	Avg_F-Score
10	eyesight-issues_amazon_kindle.txt	ROUGE-L	0.19048	0.19672	0.19355	0.25397	0.20513	0.22695	0.10256	0.5	0.17021
		ROUGE-1	0.2963	0.27907	0.28743	0.25926	0.23077	0.24419	0.14286	0.54167	0.22609
		ROUGE-2	0.02941	0.02817	0.02878	0.02941	0.02381	0.02632	0.02381	0.11765	0.0396
		ROUGE-SU4	0.09615	0.09288	0.09449	0.08013	0.06494	0.07174	0.03896	0.27273	0.06818
11	features_windows7.txt	ROUGE-L	0.3	0.23077	0.26087	0.2	0.08219	0.1165	0.24138	0.53846	0.33333
		ROUGE-1	0.42105	0.30189	0.35165	0.31579	0.13793	0.192	0.32353	0.52381	0.4
		ROUGE-2	0.2069	0.13953	0.16667	0.06897	0.02439	0.03604	0.2069	0.375	0.26667
		ROUGE-SU4	0.27419	0.17436	0.21317	0.12903	0.04156	0.06287	0.21667	0.46429	0.29545
12	fonts_amazon_kindle.txt	ROUGE-L	0.12	0.10909	0.11429	0.24	0.15789	0.19048	0.02041	0.07692	0.03226
		ROUGE-1	0.28571	0.2439	0.26316	0.32857	0.25275	0.28571	0.01538	0.04762	0.02326
		ROUGE-2	0.11864	0.1	0.10853	0.10169	0.07059	0.08333	0	0	0
		ROUGE-SU4	0.11111	0.09202	0.10067	0.13333	0.09114	0.10827	0.00377	0.01786	0.00623
13	food_holiday_inn_london.txt	ROUGE-L	0.30137	0.31884	0.30986	0.17241	0.1	0.12658	0.14706	0.07246	0.09709
		ROUGE-1	0.42991	0.37097	0.39827	0.31579	0.19048	0.23762	0.28571	0.1129	0.16185
		ROUGE-2	0.20455	0.17308	0.1875	0	0	0	0	0	0
		ROUGE-SU4	0.27068	0.225	0.24573	0.09677	0.04898	0.06504	0.11268	0.03333	0.05145
14	gas_mileage_toyota_camry_2007.txt	ROUGE-L	0.27027	0.20408	0.23256	0.45946	0.125	0.19653	0.08088	0.45833	0.1375
		ROUGE-1	0.51807	0.45745	0.48588	0.49398	0.23699	0.32031	0.15029	0.55319	0.23636
		ROUGE-2	0.19355	0.16667	0.1791	0.33871	0.12963	0.1875	0.04321	0.18919	0.07035
		ROUGE-SU4	0.30566	0.25552	0.27835	0.38113	0.13377	0.19804	0.06093	0.33824	0.10325
15	interior_honda_accord_2008.txt	ROUGE-L	0.16667	0.12048	0.13986	0.26667	0.14286	0.18605	0.04464	0.25	0.07576
		ROUGE-1	0.29348	0.22314	0.25352	0.30435	0.21053	0.24889	0.13534	0.52941	0.21557
		ROUGE-2	0.04	0.02913	0.03371	0.05333	0.03226	0.0402	0.02419	0.12	0.04027
		ROUGE-SU4	0.09735	0.06962	0.08118	0.12094	0.0713	0.08972	0.04	0.27059	0.0697
16	interior_toyota_camry_2007.txt	ROUGE-L	0.21569	0.23913	0.2268	0.23529	0.09677	0.13714	0.07258	0.47368	0.12587
		ROUGE-1	0.42353	0.40909	0.41618	0.28235	0.15094	0.19672	0.11321	0.54545	0.1875
		ROUGE-2	0.12121	0.11765	0.1194	0.01515	0.00671	0.0093	0.01342	0.08696	0.02326
		ROUGE-SU4	0.21993	0.21192	0.21585	0.10653	0.0446	0.06288	0.03309	0.31944	0.05997
17	keyboard_netbook_1005ha.txt	ROUGE-L	0.2973	0.28571	0.29139	0.35135	0.2	0.2549	0.06923	0.28125	0.11111
		ROUGE-1	0.44444	0.40945	0.42623	0.39316	0.27711	0.32509	0.12048	0.45455	0.19048
		ROUGE-2	0.07447	0.06796	0.07107	0.14894	0.09091	0.1129	0.00649	0.02941	0.01064
		ROUGE-SU4	0.16588	0.14989	0.15748	0.20853	0.12394	0.15548	0.03803	0.21774	0.06475
18	location_bestwestern_hotel_sfo.txt	ROUGE-L	0.38095		0.25	0.44444	0.10811	0.17391	0.0695	0.66667	0.12587
		ROUGE-1	0.54494	0.34397	0.42174	0.55618	0.21064	0.30556	0.18511	0.74359	0.29642
		ROUGE-2	0.13386	0.07456	0.09577	0.22047	0.06321	0.09825	0.05869	0.28571	0.09738
		ROUGE-SU4	0.26079	0.13548	0.17832	0.33959	0.08702	0.13854	0.07404	0.46951	0.12791

No.	Text Document	ROUGE-TYPE	PROPOSED MODEL			LSA			MS Word		
			Avg_Recall	Avg_Precision	Avg_F-Score	Avg_Recall	Avg_Precision	Avg_F-Score	Avg_Recall	Avg_Precision	Avg_F-Score
19	location_holiday_in n_london.txt	ROUGE-L	0.49206	0.17614	0.25941	0.53968	0.12546	0.20359	0.09963	0.52941	0.1677
		ROUGE-1	0.67857	0.39481	0.49918	0.52679	0.20522	0.29537	0.18783	0.63529	0.28993
		ROUGE-2	0.34437	0.16774	0.2256	0.23841	0.06679	0.10435	0.05009	0.20611	0.0806
		ROUGE-SU4	0.44828	0.19542	0.27218	0.3399	0.08231	0.13252	0.06998	0.37931	0.11816
20	mileage_honda_acc ord_2008.txt	ROUGE-L	0.16438	0.25	0.19835	0.38356	0.15135	0.21705	0.04324	0.26667	0.07442
		ROUGE-1	0.44853	0.43885	0.44364	0.53676	0.27341	0.36228	0.14981	0.67797	0.2454
		ROUGE-2	0.17757	0.17593	0.17674	0.24299	0.10317	0.14485	0.05159	0.28261	0.08725
		ROUGE-SU4	0.23629	0.23285	0.23455	0.30802	0.12321	0.17601	0.05485	0.38462	0.09601
21	navigation_amazon_ kindle.txt	ROUGE-L	0.38889	0.29787	0.33735	0.22222	0.10526	0.14286	0.07895	0.4	0.13187
		ROUGE-1	0.39583	0.29688	0.33929	0.27083	0.15116	0.19403	0.11628	0.43478	0.18349
		ROUGE-2	0.21622	0.15385	0.17978	0	0	0	0	0	0
		ROUGE-SU4	0.26875	0.1822	0.21717	0.09375	0.04054	0.0566	0.03243	0.2069	0.05607
22	performance_honda_ _accord_2008.txt	ROUGE-L	0.2381	0.15152	0.18519	0.28571	0.11538	0.16438	0.03846	0.22222	0.06557
		ROUGE-1	0.36364	0.26087	0.3038	0.36364	0.19048	0.25	0.07937	0.41667	0.13333
		ROUGE-2	0.03846	0.02632	0.03125	0	0	0	0	0	0
		ROUGE-SU4	0.11504	0.07429	0.09028	0.15929	0.06545	0.09278	0.02182	0.24	0.04
23	performance_netbo ok_1005ha.txt	ROUGE-L	0.1129	0.35	0.17073	0.12903	0.13793	0.13333	0.08621	0.33333	0.13699
		ROUGE-1	0.17391	0.55172	0.26446	0.1413	0.19403	0.16352	0.1791	0.54545	0.26966
		ROUGE-2	0.03797	0.14286	0.06	0.01266	0.01587	0.01408	0.03175	0.11111	0.04938
		ROUGE-SU4	0.06011	0.24444	0.09649	0.04372	0.05424	0.04841	0.06102	0.25	0.09809
24	price_amazon_kindl e.txt	ROUGE-L	0.14493	0.13514	0.13986	0.18841	0.1383	0.15951	0.11702	0.32353	0.17188
		ROUGE-1	0.3299	0.2963	0.3122	0.23711	0.20536	0.2201	0.17857	0.39216	0.2454
		ROUGE-2	0.0375	0.03409	0.03571	0.0375	0.02913	0.03279	0.03883	0.09524	0.05517
		ROUGE-SU4	0.1157	0.105	0.11009	0.08264	0.06383	0.07203	0.05957	0.16766	0.08791
25	price_holiday_inn_l ondon.txt	ROUGE-L	0.37288	0.32836	0.34921	0.40678	0.1875	0.25668	0.10156	0.5	0.16883
		ROUGE-1	0.52336	0.41176	0.46091	0.4486	0.27119	0.33803	0.19209	0.57627	0.28814
		ROUGE-2	0.20732	0.15455	0.17708	0.17073	0.08537	0.11382	0.03659	0.13043	0.05714
		ROUGE-SU4	0.32213	0.23092	0.26901	0.26891	0.12715	0.17266	0.06755	0.30723	0.11075
26	quality_toyota_camr y_2007.txt	ROUGE-L	0.33333	0.63636	0.4375	0.28571	0.07143	0.11429	0.09524	0.57143	0.16327
		ROUGE-1	0.4359	0.62963	0.51515	0.35897	0.13333	0.19444	0.13333	0.63636	0.22047
		ROUGE-2	0.17857	0.33333	0.23256	0.10714	0.0303	0.04724	0.0404	0.25	0.06957
		ROUGE-SU4	0.22609	0.47273	0.30588	0.17391	0.04301	0.06897	0.04301	0.38462	0.07737
27	room_holiday_inn_l ondon.txt	ROUGE-L	0.38532	0.38532	0.38532	0.61927	0.2188	0.32335	0.06969	0.47778	0.12164
		ROUGE-1	0.56164	0.45138	0.50051	0.61416	0.2666	0.3718	0.14172	0.64126	0.23214
		ROUGE-2	0.21194	0.16359	0.18466	0.25075	0.08678	0.12893	0.03099	0.17241	0.05254
		ROUGE-SU4	0.31293	0.23797	0.27035	0.37551	0.11909	0.18084	0.0466	0.33803	0.08191

No.	Text Document	ROUGE-TYPE	PROPOSED MODEL				LSA				MS Word		
			Avg_Recall	Avg_Precision	Avg_F-Score		Avg_Recall	Avg_Precision	Avg_F-Score		Avg_Recall	Avg_Precision	Avg_F-Score
28	rooms_bestwestern_hotel_sfo.txt	ROUGE-L	0.18182	0.11034	0.13734		0.36364	0.10847	0.1671		0.06441	0.55882	0.1155
		ROUGE-1	0.36923	0.28916	0.32432		0.45641	0.2065	0.28435		0.14385	0.67391	0.23709
		ROUGE-2	0.04054	0.03015	0.03458		0.10811	0.03931	0.05766		0.02703	0.15714	0.04612
		ROUGE-SU4	0.14087	0.10168	0.11811		0.21362	0.07206	0.10777		0.05222	0.40161	0.09242
29	rooms_swissotel_chicago.txt	ROUGE-L	0.17241	0.12195	0.14286		0.39655	0.13295	0.19913		0.09249	0.59259	0.16
		ROUGE-1	0.38614	0.31707	0.34821		0.42574	0.19196	0.26462		0.13839	0.59615	0.22464
		ROUGE-2	0.05405	0.04211	0.04734		0.06757	0.02381	0.03521		0.00952	0.05128	0.01606
		ROUGE-SU4	0.15655	0.11502	0.13261		0.18211	0.05816	0.08817		0.0398	0.28676	0.06989
30	satellite_garmin_nuvi_255W_gps.txt	ROUGE-L	0.20513	0.26667	0.23188		0.25641	0.15873	0.19608		0.15873	0.66667	0.25641
		ROUGE-1	0.26531	0.28889	0.2766		0.30612	0.21127	0.25		0.1831	0.72222	0.29213
		ROUGE-2	0.025	0.02857	0.02667		0	0	0		0.0303	0.14286	0.05
		ROUGE-SU4	0.09497	0.10968	0.1018		0.08939	0.05246	0.06612		0.05246	0.31373	0.08989
31	screen_garmin_nuvi_255W_gps.txt	ROUGE-L	0.26984	0.24286	0.25564		0.36508	0.22772	0.28049		0.08911	0.375	0.144
		ROUGE-1	0.44444	0.32	0.37209		0.43333	0.33333	0.37681		0.17094	0.47619	0.25157
		ROUGE-2	0.23288	0.1619	0.19101		0.26027	0.17593	0.20994		0.0463	0.15152	0.07092
		ROUGE-SU4	0.26829	0.18372	0.21809		0.28354	0.18788	0.226		0.06667	0.275	0.10732
32	screen_ipod_nano_8gb.txt	ROUGE-L	0.25	0.16327	0.19753		0.15625	0.07576	0.10204		0.12121	0.5	0.19512
		ROUGE-1	0.34783	0.21622	0.26667		0.23913	0.13924	0.176		0.16456	0.56522	0.2549
		ROUGE-2	0.05405	0.03175	0.04		0.02703	0.01351	0.01802		0.04054	0.16667	0.06522
		ROUGE-SU4	0.12195	0.06897	0.08811		0.07927	0.03768	0.05108		0.05217	0.27273	0.08759
33	screen_netbook_1005ha.txt	ROUGE-L	0.34921	0.24859	0.29043		0.13492	0.1453	0.13992		0.06215	0.2619	0.10046
		ROUGE-1	0.40331	0.30544	0.34762		0.30387	0.30055	0.3022		0.14226	0.46575	0.21795
		ROUGE-2	0.22297	0.14865	0.17838		0.0473	0.04698	0.04714		0.03153	0.12281	0.05018
		ROUGE-SU4	0.2608	0.17073	0.20637		0.10432	0.10324	0.10378		0.0439	0.21635	0.07299
34	seats_honda_accord_2008.txt	ROUGE-L	0.08333	0.13514	0.10309		0.03333	0.02299	0.02721		0.02299	0.18182	0.04082
		ROUGE-1	0.13333	0.18868	0.15625		0.06667	0.04808	0.05587		0.06731	0.36842	0.11382
		ROUGE-2	0.01613	0.02564	0.0198		0	0	0		0.01031	0.07692	0.01818
		ROUGE-SU4	0.03915	0.06548	0.049		0.01779	0.01111	0.01368		0.01778	0.18605	0.03245
35	service_bestwestern_hotel_sfo.txt	ROUGE-L	0.12903	0.10256	0.11429		0.37097	0.14024	0.20354		0.05488	0.375	0.09574
		ROUGE-1	0.27679	0.26496	0.27074		0.33929	0.19689	0.24918		0.11399	0.45833	0.18257
		ROUGE-2	0	0	0		0.03371	0.01657	0.02222		0.01657	0.08333	0.02765
		ROUGE-SU4	0.08312	0.08088	0.08199		0.11335	0.05325	0.07246		0.02959	0.20161	0.0516
36	service_holiday_inn_london.txt	ROUGE-L	0.33333	0.30159	0.31667		0.50877	0.14948	0.23108		0.0567	0.30556	0.09565
		ROUGE-1	0.42982	0.40496	0.41702		0.46491	0.20385	0.28342		0.11538	0.44118	0.18293
		ROUGE-2	0.11765	0.11111	0.11429		0.24706	0.08571	0.12727		0.00816	0.03774	0.01342
		ROUGE-SU4	0.22192	0.21039	0.216		0.34521	0.10957	0.16634		0.03217	0.19271	0.05514

No.	Text Document	ROUGE-TYPE	PROPOSED MODEL				LSA				MS Word		
			Avg_Recall	Avg_Precision	Avg_F-Score		Avg_Recall	Avg_Precision	Avg_F-Score		Avg_Recall	Avg_Precision	Avg_F-Score
37	service_swissotel_h otel_chicago.txt	ROUGE-L	0.29787	0.14141	0.19178		0.21277	0.04255	0.07092		0.0766	0.42857	0.12996
		ROUGE-1	0.54717	0.34524	0.42336		0.34906	0.11672	0.17494		0.1388	0.53659	0.22055
		ROUGE-2	0.21127	0.11628	0.15		0.07042	0.01672	0.02703		0.02676	0.125	0.04408
		ROUGE-SU4	0.33216	0.16726	0.22249		0.15901	0.03203	0.05332		0.04128	0.25	0.07086
38	size_asus_netbook_ 1005ha.txt	ROUGE-L	0.375	0.4375	0.40385		0.39286	0.22222	0.28387		0.05051	0.2	0.08065
		ROUGE-1	0.51852	0.58333	0.54902		0.32099	0.22414	0.26396		0.09483	0.2973	0.14379
		ROUGE-2	0.39706	0.46552	0.42857		0.20588	0.12844	0.15819		0.01835	0.06667	0.02878
		ROUGE-SU4	0.42765	0.51953	0.46914		0.24116	0.14706	0.1827		0.02941	0.13043	0.048
39	sound_ipod_nano_8 gb.txt	ROUGE-L	0.34615	0.14516	0.20455		0.38462	0.13158	0.19608		0.10526	0.44444	0.17021
		ROUGE-1	0.5	0.27619	0.35583		0.48276	0.25225	0.33136		0.1982	0.62857	0.30137
		ROUGE-2	0.2093	0.10227	0.1374		0.2093	0.08738	0.12329		0.06796	0.25	0.10687
		ROUGE-SU4	0.25275	0.11414	0.15726		0.26374	0.10105	0.14612		0.06526	0.29245	0.10671
40	speed_garmin_nuvi_ 255W_gps.txt	ROUGE-L	0.14286	0.11538	0.12766		0.21429	0.1	0.13636		0.07778	0.4375	0.13208
		ROUGE-1	0.31507	0.29114	0.30263		0.32877	0.21053	0.25668		0.13158	0.625	0.21739
		ROUGE-2	0.09677	0.08955	0.09302		0.1129	0.06481	0.08235		0.05556	0.3	0.09375
		ROUGE-SU4	0.12982	0.11897	0.12416		0.15439	0.08627	0.11069		0.05294	0.3375	0.09153
41	speed_windows7.txt	ROUGE-L	0.2	0.16842	0.18286		0.3875	0.19497	0.25941		0.10692	0.56667	0.17989
		ROUGE-1	0.28276	0.29927	0.29078		0.45517	0.27966	0.34646		0.16102	0.67857	0.26027
		ROUGE-2	0.04839	0.0531	0.05063		0.16935	0.09333	0.12034		0.04444	0.22222	0.07407
		ROUGE-SU4	0.09201	0.10352	0.09743		0.24306	0.13084	0.17011		0.06636	0.4104	0.11424
42	staff_bestwestern_h otel_sfo.txt	ROUGE-L	0.45	0.19251	0.26966		0.5125	0.14801	0.22969		0.05776	0.69565	0.10667
		ROUGE-1	0.5561	0.33529	0.41835		0.59024	0.26362	0.36446		0.17865	0.82	0.29338
		ROUGE-2	0.25333	0.13669	0.17757		0.33333	0.11601	0.17212		0.07193	0.42466	0.12302
		ROUGE-SU4	0.34268	0.176	0.23256		0.43458	0.13846	0.21001		0.0804	0.65854	0.1433
43	staff_swissotel_chic ago.txt	ROUGE-L	0.42373	0.40984	0.41667		0.33898	0.09804	0.15209		0.07353	0.625	0.13158
		ROUGE-1	0.68	0.58621	0.62963		0.392	0.18491	0.25128		0.13208	0.56452	0.21407
		ROUGE-2	0.40909	0.34286	0.37306		0.03409	0.0122	0.01796		0.02439	0.13333	0.04124
		ROUGE-SU4	0.53699	0.4375	0.48216		0.19178	0.06167	0.09333		0.0467	0.34868	0.08236
44	transmission_toyota _camry_2007.txt	ROUGE-L	0.35849	0.26027	0.30159		0.26415	0.08383	0.12727		0.08383	0.48276	0.14286
		ROUGE-1	0.57426	0.43939	0.49785		0.35644	0.1659	0.22642		0.12442	0.6	0.20611
		ROUGE-2	0.32432	0.23301	0.27119		0.05405	0.0197	0.02888		0.0197	0.125	0.03404
		ROUGE-SU4	0.42767	0.2989	0.35188		0.15723	0.05291	0.07918		0.03598	0.31776	0.06464
45	updates_garmin_nu vi_255W_gps.txt	ROUGE-L	0.23077	0.14754	0.18		0.23077	0.1125	0.15126		0.075	0.5	0.13043
		ROUGE-1	0.28571	0.20513	0.23881		0.26786	0.17442	0.21127		0.0814	0.46667	0.13861
		ROUGE-2	0.02222	0.01515	0.01802		0.06667	0.0375	0.048		0	0	0
		ROUGE-SU4	0.095	0.06209	0.0751		0.11	0.05946	0.07719		0.01892	0.21212	0.03474

No.	Text Document	ROUGE-TYPE	PROPOSED MODEL			LSA			MS Word		
			Avg_Recall	Avg_Precision	Avg_F-Score	Avg_Recall	Avg_Precision	Avg_F-Score	Avg_Recall	Avg_Precision	Avg_F-Score
46	video_ipod_nano_8gb.txt	ROUGE-L	0.44	0.23656	0.30769	0.5	0.15152	0.23256	0.13939	0.53488	0.22115
		ROUGE-1	0.5514	0.36646	0.4403	0.51402	0.21739	0.30556	0.18182	0.63014	0.28221
		ROUGE-2	0.10526	0.06504	0.0804	0.10526	0.03376	0.05112	0.03797	0.15789	0.06122
		ROUGE-SU4	0.27215	0.16444	0.20501	0.27532	0.07873	0.12245	0.06425	0.343	0.10823
47	voice_garmin_nuvi_255W_gps.txt	ROUGE-L	0.15909	0.10448	0.12613	0.31818	0.13725	0.19178	0.03922	0.22222	0.06667
		ROUGE-1	0.31429	0.20755	0.25	0.35714	0.20661	0.26178	0.06612	0.30769	0.10884
		ROUGE-2	0.01818	0.01111	0.01379	0.10909	0.0531	0.07143	0.00885	0.05263	0.01515
		ROUGE-SU4	0.11157	0.06459	0.08182	0.14463	0.06667	0.09126	0.01905	0.15152	0.03384
48	battery-life_ipod_nano_8gb	ROUGE-L	0.33333	0.63636	0.4375	0.28571	0.07143	0.11429	0.09524	0.57143	0.16327
		ROUGE-1	0.4359	0.62963	0.51515	0.35897	0.13333	0.19444	0.13333	0.63636	0.22047
		ROUGE-2	0.17857	0.33333	0.23256	0.10714	0.0303	0.04724	0.0404	0.25	0.06957
		ROUGE-SU4	0.22609	0.47273	0.30588	0.17391	0.04301	0.06897	0.04301	0.38462	0.07737
49	food_swissotel_chicago	ROUGE-L	0.23077	0.14754	0.18	0.23077	0.1125	0.15126	0.075	0.5	0.13043
		ROUGE-1	0.28571	0.20513	0.23881	0.26786	0.17442	0.21127	0.0814	0.46667	0.13861
		ROUGE-2	0.02222	0.01515	0.01802	0.06667	0.0375	0.048	0	0	0
		ROUGE-SU4	0.095	0.06209	0.0751	0.11	0.05946	0.07719	0.01892	0.21212	0.03474
50	free_bestwestern_hotel_sfo	ROUGE-L	0.38095		0.25	0.44444	0.10811	0.17391	0.0695	0.66667	0.12587
		ROUGE-1	0.54494	0.34397	0.42174	0.55618	0.21064	0.30556	0.18511	0.74359	0.29642
		ROUGE-2	0.13386	0.07456	0.09577	0.22047	0.06321	0.09825	0.05869	0.28571	0.09738
		ROUGE-SU4	0.26079	0.13548	0.17832	0.33959	0.08702	0.13854	0.07404	0.46951	0.12791
51	parking_bestwestern_hotel_sfo	ROUGE-L	0.17241	0.12195	0.14286	0.39655	0.13295	0.19913	0.09249	0.59259	0.16
		ROUGE-1	0.38614	0.31707	0.34821	0.42574	0.19196	0.26462	0.13839	0.59615	0.22464
		ROUGE-2	0.05405	0.04211	0.04734	0.06757	0.02381	0.03521	0.00952	0.05128	0.01606
		ROUGE-SU4	0.15655	0.11502	0.13261	0.18211	0.05816	0.08817	0.0398	0.28676	0.06989

Appendix B

I previously owned a Toyota 4Runner, which had incredible build quality and reliability.

I bought the Camry because of Toyota reliability and quality.

I purchased a 2007 Camry because of the looks of the redesigned model and because of the legendary Toyota quality and reliability.

As of today, I am a bit disappointed in the build quality of the car.

Disappointed in interior and exterior quality.

Toyota did a great job with design but forgot about quality!

This car needs quality improvement!

The fit and finish in the cabin is not the level of quality I expected.

This car looks great and the build quality is good.

I am so disappointed in the quality.

I have had two Camry's before the one, and bought it thinking that the quality standards known to a Toyota would remain excellent.

It is now apparent that Toyota quality took a nosedive.

Mine suffers from the tranny slip on the 3, 4 upshift when cold, build quality is good but nothing like the Toyota, hype I was expecting, as it has its share of squeaks and rattles just like a 10 year old Chevy.

Overall a good car, no build quality issues yet.

After owning a 95 Camry, I expected the same quality.

The quality of construction, ride, quietness, and legroom are excellent.

A lot of defects that I still do not understand how my car passed the quality inspection when it was manufactured.

This car offers poor driver's seat comfort, poor vision, only average ride quality, gas mileage

JBL radio is low quality cd, fm, and mp3 all sound the same.

It has high quality amazing ride and the fit and finish is great.

Opiniosis (quality_toyota_camry_2007) of original document

A poor quality car based on expectations.
Toyota quality is depreciating.

Quality_toyota_camry_2007 Human Summary (H1)

The interior and exterior quality is disappointing.
The standards have dropped since earlier models.

Quality_toyota_camry_2007 Human Summary (H2)

The interior and exterior quality is disappointing.
The standards have dropped since earlier models.

Quality_toyota_camry_2007 Human Summary (H3)

Disappointed in the quality.

Quality_toyota_camry_2007 Human Summary (H4)

This car needs quality improvement!

Interior quality is very poor.

Overall, build quality very good.

Horrible quality of interior.

Toyota's quality is slipping.

Excellent interior build quality.

Summary obtained for the quality_toyota_camry_2007 from MSWord Summarizer

Mine suffers from the tranny slip on the 3, 4 upshift when cold, build quality is good but nothing like the **Toyota**, hype I was expecting, as it has its share of squeaks and rattles just like a 10 year old Chevy.

The ride, comfort, and drive is as expected, however, the quality and reputation of yore are completely gone for the flagship Camry.

Examples include fit and finish had to have the driver's door realigned due to metal, to, metal contact causing terrible rattling, **poor** fit of interior parts, which causes a lot of rattling, especially when it's cold out the auto tranny has a history of serious problems and acts weird, and lastly the paint quality, which chips very easily.

I have rattles on both B pillars and the build quality is rather **poor**, with unsightly gaps in the passenger side dash where it does not fit together properly.

Vehicle ride is extremely smooth, compliant and quiet, very close to Lexus quality for thousands of dollars less.

I love the car's visual and aesthetic design, but quality is just as important and for that reason, I would NOT recommend the new Camry to anyone!

Summary obtained for the quality_toyota_camry_2007 from LSA Summarizer

Excellent **interior** build **quality**.

Some have mentioned **disappointing** build **quality**.

Disappointed in the quality.

Horrible quality of **interior**.

Disappointed in interior and exterior quality.

Summary obtained for the quality_toyota_camry_2007 from our proposed Summarizer

Bold and underline sentence and word, which are overlapped in human prepared summaries and summaries are generated with the help of different summarize tools. As we can see that, our proposed summarizer showing the highest common word and common sentences in human prepared a summary. Whereas, LSA Summarizer shows very rare word and sentence. However, MSWord Summarizer shows quite good performance in comparison of LSA. In comparison, of all, our proposed Summarizer shows excellent performance.