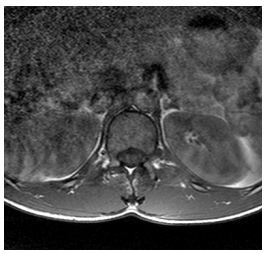
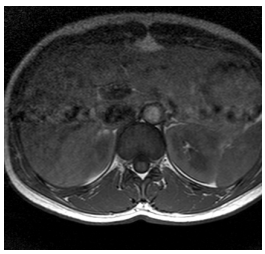
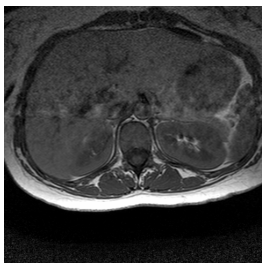
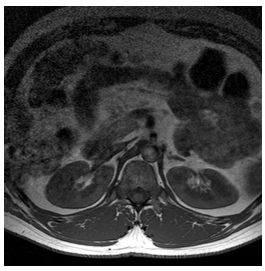
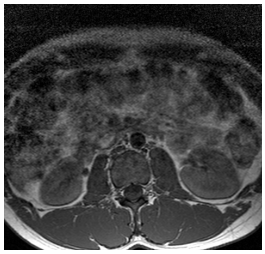
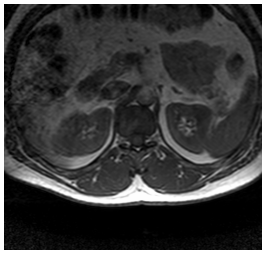
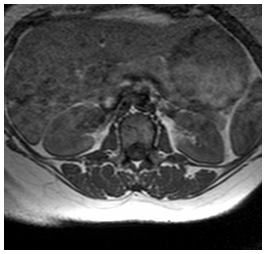
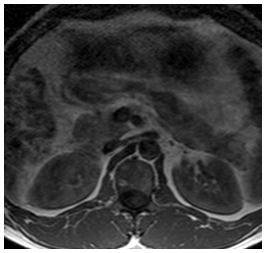
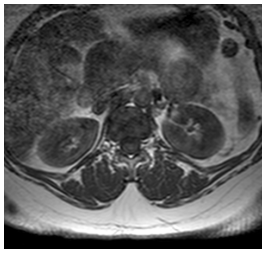
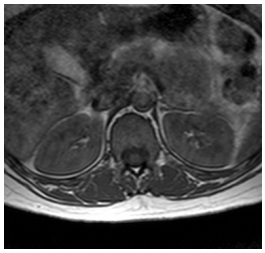
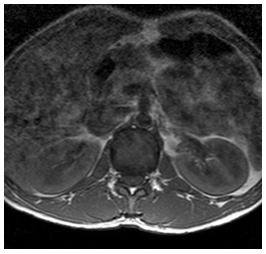
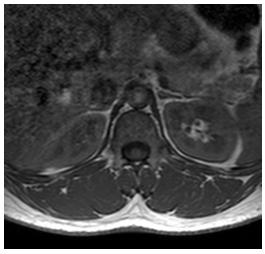
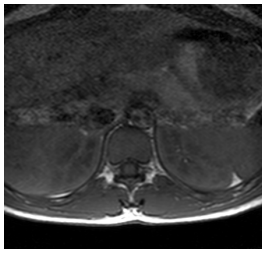
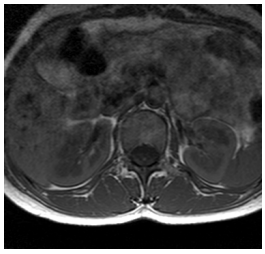
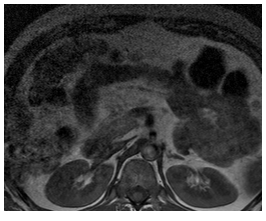
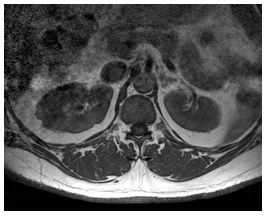
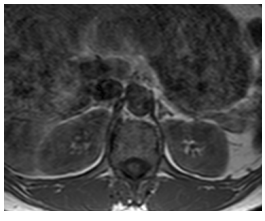
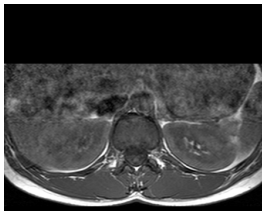
Appendix:

Showing MRI images for the all cases and texture feature value in 20x20 pixel window size.

C 1 - T_1FSE 	C2 - T_1FSE 	C 3 - T_1FSE 	C 4 – T_1FSE 
C 5 - T_1FSE	C 6 - T_1FSE 	C8 - T_1FSE 	C 9 - T_1FSE 
C 10 - T_1FSE	C 11 - T_1FSE 	C 12 - T_1FSE 	C 13 - T_1FSE 
C 14 - T_1FSE 	C 15 - T_1FSE 	C 16 - T_1FSE 	C 17 - T_1FSE 
C 18 - T_1FSE 	C 19 - T_1FSE 	C 20 - T_1FSE 	C21 - T_1FSE 

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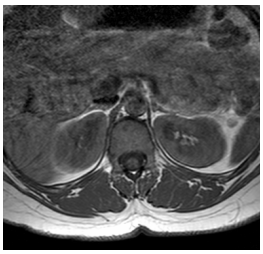	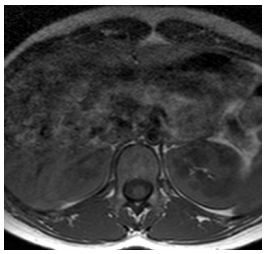	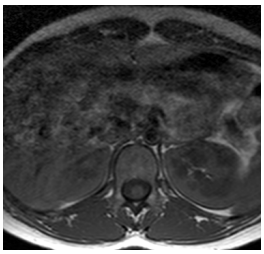	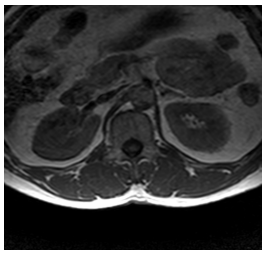
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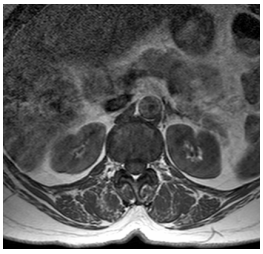		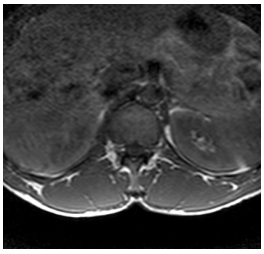	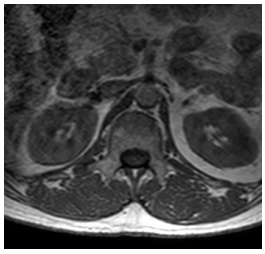
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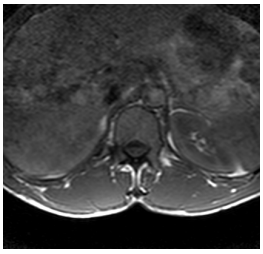	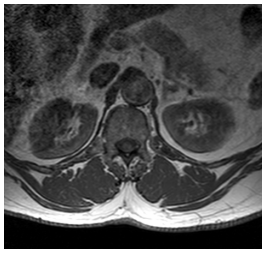	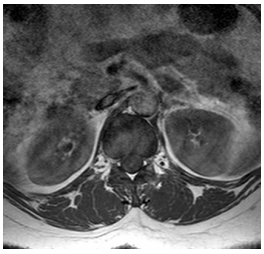	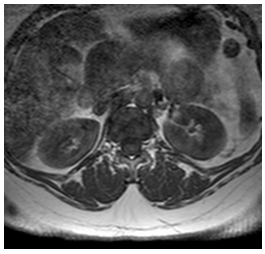
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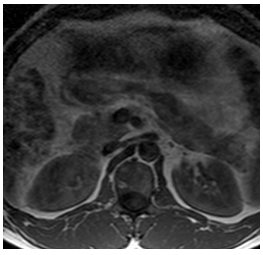		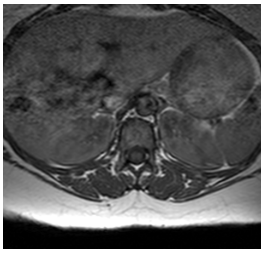	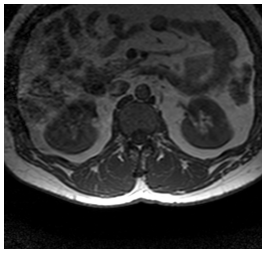
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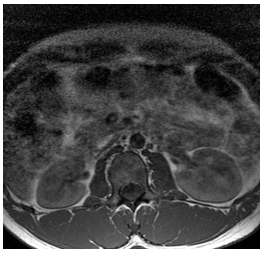		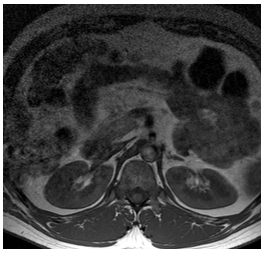	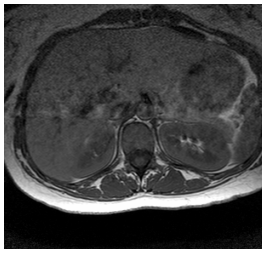

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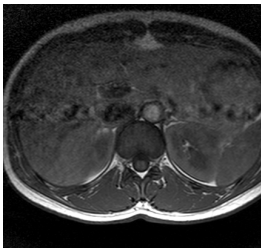	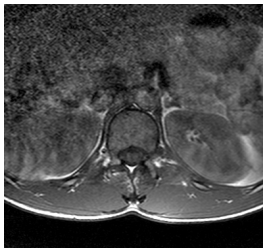	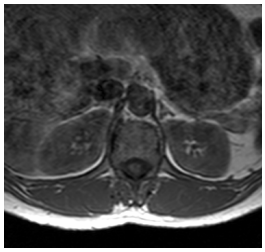	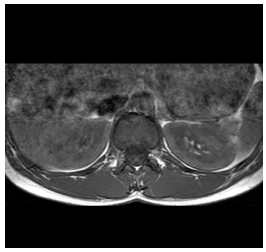
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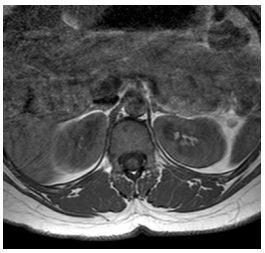	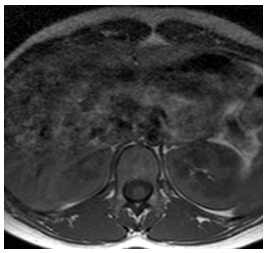	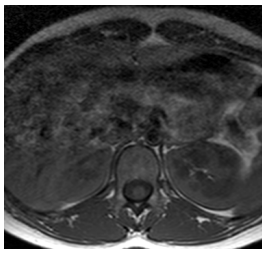	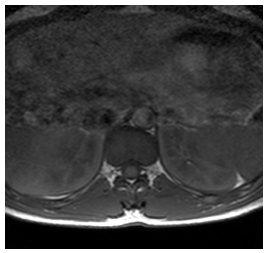
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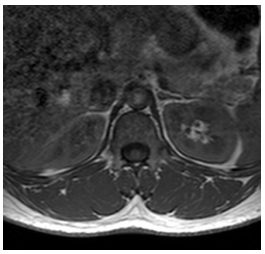	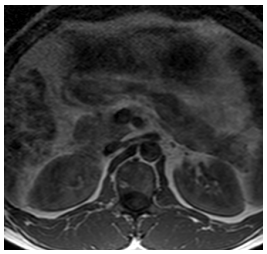	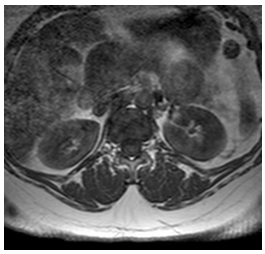	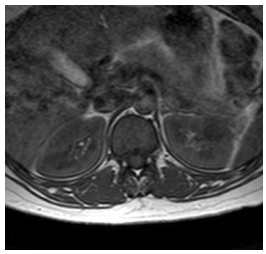
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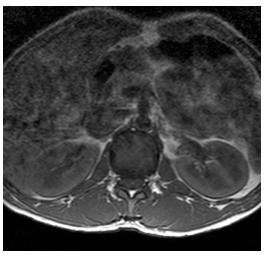	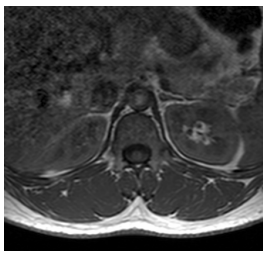	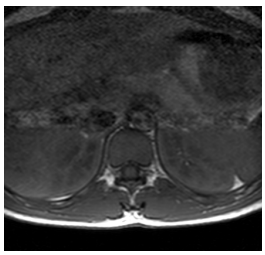	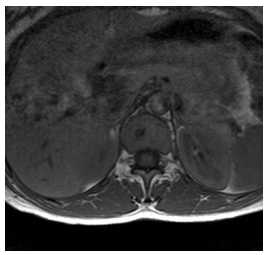
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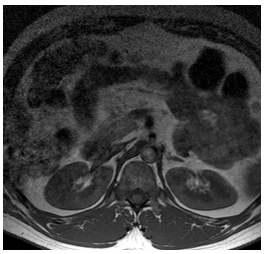
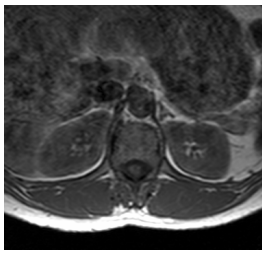
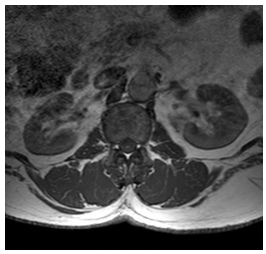
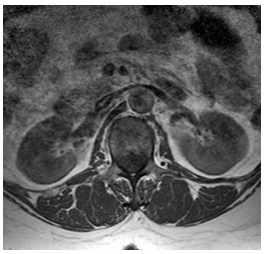
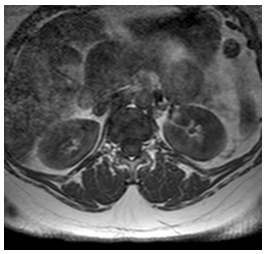
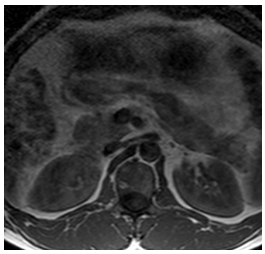
			

C 62 - T_1FSE	C 63 - T_1FSE	C 64 - T_1FSE	C 65 - T_1FSE
			
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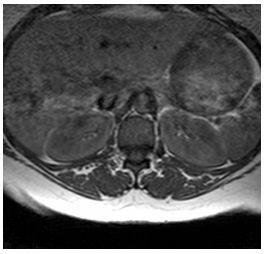	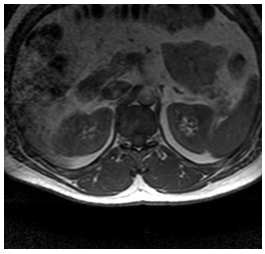	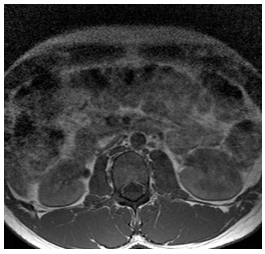	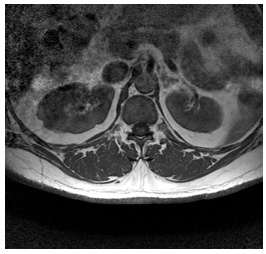
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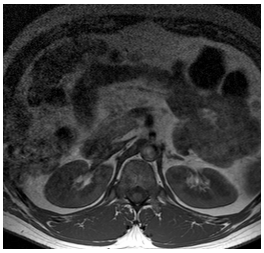	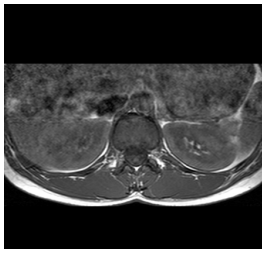	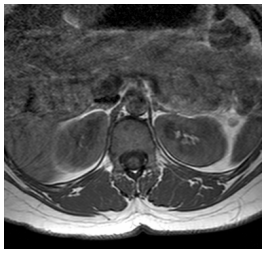	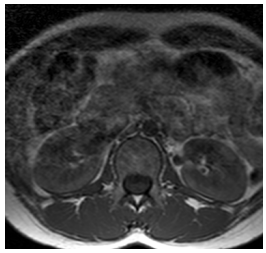
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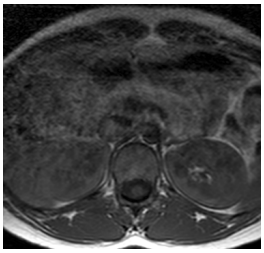	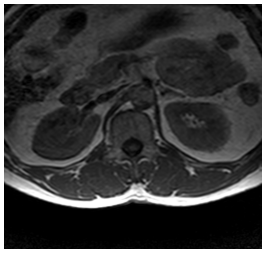	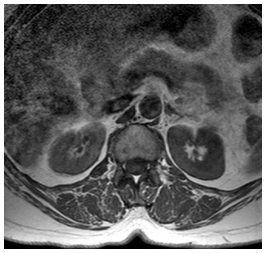	
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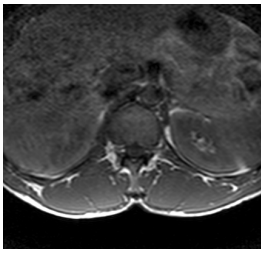
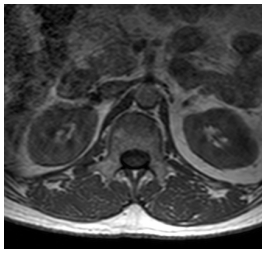
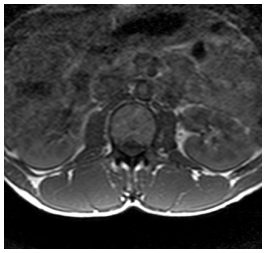
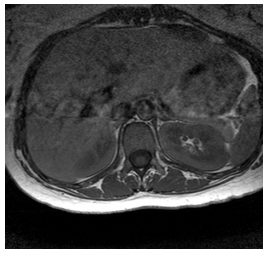
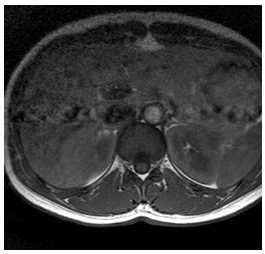
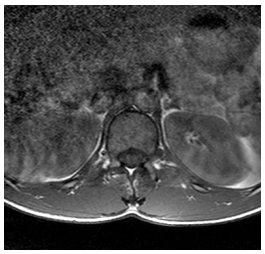
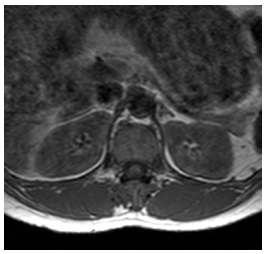
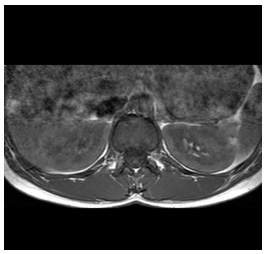
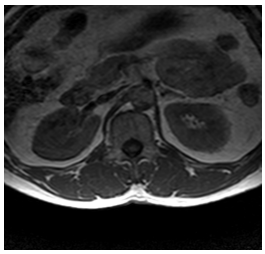
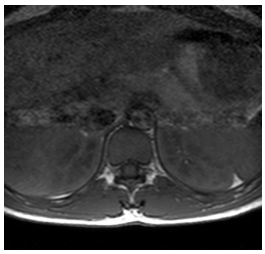
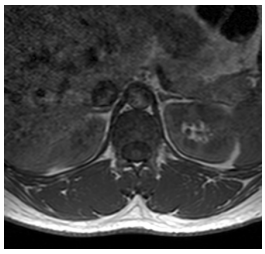
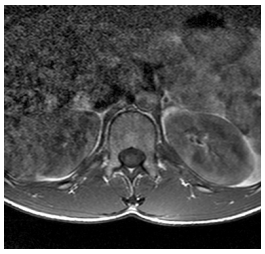
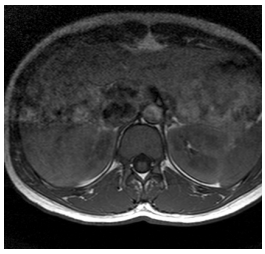
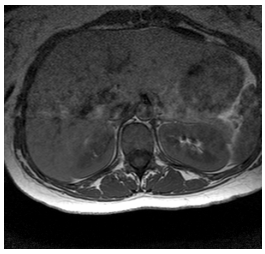
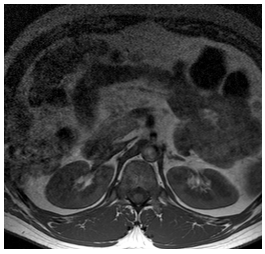
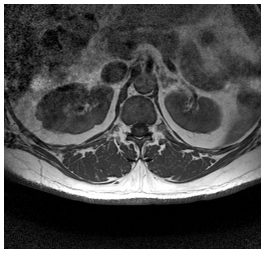
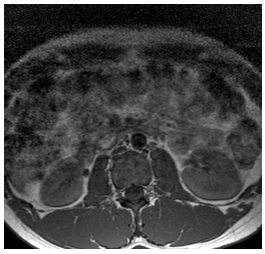
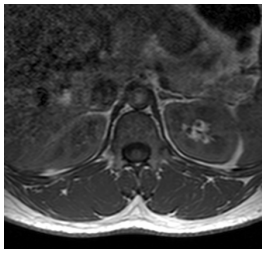
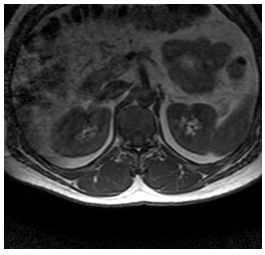
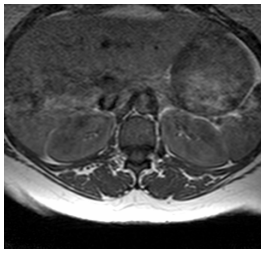
			

C 82 - T_1FSE 	C 83 - T_1FSE 	C 84 - T_1FSE 	C 85 - T_1FSE 
C 86 - T_1FSE	C 87 - T_1FSE	C 88 - T_1FSE 	C 89 - T_1FSE 
C 90 - T_1FSE 	C9 1 - T_1FSE 	C 92 - T_1FSE 	C 93 - T_1FSE 
C 94 - T_1FSE 	C 95 - T_1FSE 	C 96 - T_1FSE 	C 97 - T_1FSE 
C 98- T_1FSE 	C 99 - T_1FSE 		

Diff_average	sum_variance	diff_entropy	sum_entropy	Sum_average	Correlation	IDM	Inertia
10.4289	3072.27	4.37145	6.42208	129.976	0.782258	0.214553	302.566
6.82632	2442.48	4.19215	6.8576	81.7421	0.908867	0.174646	90.2789
4.44474	921.263	3.53923	6.46492	48.4816	0.923727	0.182211	31.129
5.34474	2251.09	3.86525	6.78171	88.4289	0.949571	0.200089	51.729
5.92632	864.705	3.83926	6.01429	68.379	0.76744	0.260984	104.795
2.41053	711.119	2.8488	6.05635	98.9263	0.967288	0.348707	10.1684
4.78684	3014.22	3.61756	5.89469	56.25	0.921192	0.334957	71.5343
2.12895	3196.18	2.69943	5.96514	67.1553	0.97859	0.390388	8.94474
5.53684	1833.6	3.78584	6.24375	63.1053	0.900727	0.247395	84.1263
6.06053	3425.51	3.86028	6.14487	68.4026	0.928881	0.276053	106.834
3.98158	534.197	3.42995	5.91671	68.9395	0.819966	0.277479	39.3658
2.78947	1959.09	2.93581	6.46253	84.0263	0.951094	0.324409	17.3263
4.62368	1594.84	3.38806	6.07919	38.5868	0.931539	0.291888	46.2605
3.29211	512.623	3.16301	5.7885	39.8447	0.82772	0.340047	27.95
3.33947	564.512	3.15655	5.8469	82.4289	0.825358	0.381491	37.3658
6.0579	4255.6	4.01642	6.79981	109.563	0.950103	0.248193	70.1948
6.30263	1844.87	3.84486	6.39386	69.9289	0.819129	0.231613	145.913
4.61842	1870.14	3.46751	6.13406	81.1921	0.837885	0.226395	60.6658
3.12895	709.646	3.00614	5.74469	47.9711	0.85595	0.383363	33.2395
3.51579	1219.77	3.23758	6.48066	75.4737	0.919871	0.334058	29.5947
4.64737	731.034	3.53458	6.11683	62.7263	0.797044	0.277853	67.8105
1.71842	1016.22	2.48879	6.07522	57.9658	0.961383	0.462188	6.30263
1.78421	1049.71	2.43982	6.30595	69.3526	0.957875	0.424651	6.08948
4.91053	4427.01	3.75088	6.83026	101.205	0.958052	0.264136	50.7368
3.16053	840.297	3.09227	6.30827	101.897	0.88076	0.372198	30.4606
2.59474	4881.66	2.97164	6.91605	76.6105	0.981743	0.363812	13.7105
5.75789	1715.15	3.81202	6.33003	82.5263	0.856097	0.25641	95.8368
2.71842	1313.01	2.94727	5.94052	71.85	0.923109	0.350477	16.1921
4.20263	471.049	3.51055	6.01083	54.2342	0.824473	0.276475	37.9184
3.77105	774.307	3.3743	6.07637	67.9868	0.863101	0.385365	38.8869
3.94474	370.857	3.33079	5.79105	85.3395	0.77468	0.282222	43.4026
2.36053	233.847	2.69731	5.70471	42.5553	0.814785	0.426363	18.5553
4.79474	1622.73	3.53104	5.67419	49.2158	0.869723	0.279213	71.5474
3.91053	1690.91	3.20593	5.86105	51.0737	0.871269	0.339772	57.9737
3.48947	610.361	3.07995	5.52225	48.3158	0.76029	0.361898	44.9895
3.22632	640.598	3.11754	5.74209	71.2579	0.853072	0.333432	30.6369
4.57895	1559.19	3.41852	5.97941	55.4158	0.869231	0.323494	81.5211
4.88158	1979.11	3.60853	6.16378	70.55	0.899696	0.323596	81.2606
8.16053	1900.99	4.1852	6.47668	92.2921	0.762963	0.204125	213.129
10.1316	4470.86	4.24538	6.74205	137.016	0.773576	0.249133	377.6
8.12631	1767.59	3.93188	6.02807	96.0526	0.704855	0.209918	266.758
3.52368	2115.3	3.30901	6.08887	93.229	0.913626	0.285665	28.4763
2.33684	751.192	2.69213	6.29722	69.1105	0.884117	0.437229	16.7526
2.25526	2043.32	2.73239	5.91511	58.7658	0.946936	0.45441	14.8553
1.96579	3128.58	2.57356	6.16404	66.1237	0.958541	0.423433	8.8079
2.83421	773.206	2.9332	6.38331	65.9553	0.89301	0.417408	23.7868
2.37632	317.509	2.7642	5.39196	28.05	0.886493	0.411174	14.1184
1.68947	132.552	2.35285	5.25739	24.1526	0.862912	0.474634	7.12105
3.7921	3345.02	3.35339	6.22295	89.7184	0.926143	0.353234	44.4447
5.95	6278.95	3.7783	6.35721	98.0079	0.955768	0.269113	104.271
4.84474	1758.43	3.58114	6.06179	78.729	0.899333	0.267866	72.8027
3.18421	1493.9	3.07387	5.86464	80.0368	0.882363	0.342443	29.1474
4.51579	1035.21	3.46781	5.8557	50.0053	0.825555	0.32008	67.7368
6.05	11068.6	4.00213	7.48209	159.155	0.974037	0.184214	65.1868
4.64737	1049.69	3.38509	5.5672	42.9105	0.797712	0.346549	84.5053

		1	27.7748	28.125	0.995498	-0.467891	48.4998
		1	28.3069	33.5776	0.997673	-0.522084	4.40039
		1	21.8959	31.5526	0.994883	-0.431115	53.389
		1	29.7167	34.2013	0.995355	-0.441881	70.0076
		1	11.9746	34.4697	0.990093	-0.393166	23.4711
		1	22.2285	42.0132	0.998743	-0.542207	9.5042
		2	20.2552	19.2934	0.997425	-0.50487	24.8258
		2	11.6251	19.9224	0.9889	-0.395119	17.055
		2	12.2666	41.2145	0.993798	-0.445084	26.1844
		2	32.8854	54.7816	0.99957	-0.587519	33.3035
		2	22.3091	34.9645	0.996074	-0.444505	106.085
		2	21.9705	40.596	0.991443	-0.397208	39.2237
		2	13.628	23.9855	0.992118	-0.430394	23.4234
		2	17.6732	37.7369	0.99885	-0.548381	17.1689
		2	14.1319	31.3632	0.993503	-0.418057	46.1557
		2	15.9884	28.9829	0.998751	-0.578915	3.33412
		2	16.2465	34.6763	0.998829	-0.56967	2.88093
		2	33.458	50.6027	0.999507	-0.581427	26.4967
		2	14.7543	50.9487	0.998168	-0.521294	20.419
		3	34.9835	38.3053	0.999783	-0.630367	6.96015
		3	21.2778	41.2632	0.997275	-0.479717	62.509
		3	18.2291	35.925	0.997061	-0.50901	8.7634
		3	11.2802	27.1171	0.993773	-0.426576	20.2098
		3	14.2583	33.9934	0.996958	-0.497134	24.5912
		3	10.1767	42.6697	0.989892	-0.399834	27.7598
		3	7.94359	21.2776	0.992499	-0.44946	12.9245
		3	20.5808	24.6079	0.985562	-0.373361	48.4369
		3	20.9098	25.5368	0.992786	-0.437582	42.5607
		1	12.7999	24.1579	0.983702	-0.37592	32.749
		1	12.9541	35.6289	0.988182	-0.391722	20.2003
		1	20.2529	27.7079	0.994465	-0.442562	60.4991
		1	22.6957	35.275	0.99775	-0.502577	57.368
		1	22.9898	46.1461	0.997458	-0.471204	146.184
		1	34.8154	68.5079	0.999144	-0.553776	273.871
		1	22.5518	48.0263	0.992807	-0.414821	200.373
		1	23.1505	46.6145	0.99615	-0.46818	15.9946
		1	13.8559	34.5553	0.998447	-0.541779	11.2631
		1	22.6836	29.3829	0.997933	-0.549621	9.74228
		1	28.0062	33.0618	0.998722	-0.569707	4.92323
		1	14.1155	32.9776	0.998669	-0.547074	15.7118
		1	9.10531	14.025	0.986351	-0.405843	8.45668
		1	5.90917	12.0763	0.986848	-0.419651	4.25922
		1	29.1096	44.8592	0.99736	-0.49828	29.989
		1	39.9475	49.004	0.9985	-0.529702	68.6822
		1	21.3965	39.3645	0.993555	-0.418231	49.2694
		1	19.5131	40.0184	0.995394	-0.472769	18.9548
		1	16.6053	25.0026	0.991485	-0.421147	47.2372
		1	52.7583	79.5776	0.999948	-0.682526	28.2954
		1	16.8389	21.4553	0.984979	-0.383805	62.7936
		1	45.954	63.046	0.999717	-0.617367	41.0864
		1	17.1	20.3368	0.9914	-0.434619	21.5312
		1	16.5012	27.0816	0.99303	-0.449303	16.5173
		1	8.8149	14.775	0.974167	-0.323785	13.8614

C = Case.

T1-FSE = T_1weighted image – Fast Spine Echo.

No 1 = cortex.

No 2 = parenchyma.

No 3 = P/C system.