

The next two tables was just for review, those data were not included in manuscript considering the restricted length of manuscript.

Additional-Table1. The value of T1 relaxation time (ms) (Mean \pm SD) cross the all segment on pre- and post-enhancement T1 mapping in all groups.

	S1	S2	S3	S4	S5	S6	S7	S8
NLF pre	685 \pm 128	406 \pm 112	405 \pm 104	424 \pm 86	538 \pm 174	690 \pm 146	667 \pm 177	473 \pm 150
5min	313 \pm 111	171 \pm 69	182 \pm 68	179 \pm 77	221 \pm 72	301 \pm 103	278 \pm 69	196 \pm 67
10min	248 \pm 55	145 \pm 49	150 \pm 49	147 \pm 36	176 \pm 48	237 \pm 65	223 \pm 74	159 \pm 56
20min	213 \pm 57	133 \pm 56	125 \pm 42	125 \pm 42	163 \pm 53	206 \pm 75	183 \pm 84	141 \pm 57
LCA pre	721 \pm 122	430 \pm 107	415 \pm 100	418 \pm 113	545 \pm 133	681 \pm 151	621 \pm 169	451 \pm 173
5min	297 \pm 70	182 \pm 57	184 \pm 58	175 \pm 58	240 \pm 72	291 \pm 86	264 \pm 67	194 \pm 73
10min	251 \pm 86	152 \pm 49	159 \pm 55	153 \pm 76	197 \pm 69	244 \pm 94	218 \pm 73	157 \pm 59
20min	228 \pm 87	142 \pm 53	150 \pm 55	138 \pm 66	182 \pm 70	221 \pm 90	195 \pm 72	146 \pm 59
LCB pre	674 \pm 177	384 \pm 76	382 \pm 78	405 \pm 126	488 \pm 126	726 \pm 205	569 \pm 162	419 \pm 79
5min	352 \pm 79	163 \pm 29	170 \pm 22	208 \pm 60	257 \pm 60	394 \pm 114	321 \pm 110	224 \pm 52
10min	328 \pm 61	164 \pm 24	174 \pm 21	201 \pm 60	269 \pm 77	386 \pm 126	335 \pm 127	240 \pm 81
20min	306 \pm 60	152 \pm 40	164 \pm 33	199 \pm 63	260 \pm 79	363 \pm 144	344 \pm 143	199 \pm 45
LCC pre	703 \pm 123	428 \pm 86	430 \pm 108	410 \pm 107	512 \pm 17	662 \pm 125	691 \pm 86	515 \pm 69
5min	461 \pm 130	223 \pm 71	223 \pm 90	272 \pm 90	331 \pm 68	441 \pm 95	450 \pm 91	271 \pm 56
10min	489 \pm 146	261 \pm 76	310 \pm 72	300 \pm 72	382 \pm 59	472 \pm 92	449 \pm 88	292 \pm 58
20min	485 \pm 184	315 \pm 73	339 \pm 57	330 \pm 82	389 \pm 77	458 \pm 59	478 \pm 121	343 \pm 56

Additional-Table 2. The percentage of $\Delta\%$ of T1 relaxation time (%) (Mean \pm SD) cross the all segment on pre- and post-enhancement T1 mapping in all groups.

	S1	S2	S3	S4	S5	S6	S7	S8
NLF 5min	54 \pm 14	57 \pm 14	56 \pm 14	58 \pm 13	57 \pm 13	56 \pm 13	57 \pm 9	58 \pm 9
10min	63 \pm 9	63 \pm 11	62 \pm 10	64 \pm 11	66 \pm 9	63 \pm 18	66 \pm 12	65 \pm 13
20min	68 \pm 9	67 \pm 11	69 \pm 42	69 \pm 13	69 \pm 10	69 \pm 13	71 \pm 12	68 \pm 12
LCA 5min	59 \pm 7	58 \pm 9	55 \pm 10	58 \pm 8	56 \pm 10	57 \pm 7	56 \pm 10	55 \pm 14
10min	65 \pm 11	64 \pm 11	61 \pm 12	64 \pm 12	64 \pm 10	64 \pm 10	64 \pm 11	62 \pm 14
20min	68 \pm 11	66 \pm 12	63 \pm 13	67 \pm 12	66 \pm 10	68 \pm 10	67 \pm 15	66 \pm 11
LCB 5min	46 \pm 11	57 \pm 8	54 \pm 8	47 \pm 11	47 \pm 6	45 \pm 10	44 \pm 9	46 \pm 10
10min	49 \pm 14	56 \pm 8	52 \pm 13	48 \pm 16	44 \pm 13	46 \pm 14	41 \pm 11	42 \pm 18
20min	52 \pm 15	59 \pm 12	55 \pm 15	48 \pm 19	45 \pm 15	47 \pm 17	39 \pm 18	52 \pm 10
LCC 5min	35 \pm 14	49 \pm 11	49 \pm 18	35 \pm 10	35 \pm 8	34 \pm 9	35 \pm 8	48 \pm 8
10min	31 \pm 16	39 \pm 10	27 \pm 8	27 \pm 14	25 \pm 12	29 \pm 7	35 \pm 8	44 \pm 4
20min	32 \pm 21	26 \pm 11	20 \pm 10	19 \pm 11	24 \pm 16	30 \pm 10	31 \pm 12	33 \pm 6