

Table S1. Lesions measurements at baseline and follow-up CTs.

Overall lesions (n=47)						
	M-LD BS [mm]*	SA-LD BS [mm]*	Vol BS [ml]	M-LD FU [mm]*	SA-LD FU [mm]*	Vol FU [ml]
median	41	42	24	37	41	18
minimum	12	12	1	9	8	0
maximum	103	114	299	101	116	307
25th percentile	28	29	8	23	23	3
75th percentile	65	70	104	53	59	107
standard deviation	23	25	78	21	23	62
Central lesions (n=18)						
	M-LD BS [mm]*	SA-LD BS [mm]*	Vol BS [ml]	M-LD FU [mm]*	SA-LD FU [mm]*	Vol FU [ml]
median	54	54	47	40	44	19
minimum	24	26	6	17	15	1
maximum	91	100	249	70	74	148
25th percentile	35	36	12	30	32	8
75th percentile	69	77	119	54	61	42
standard deviation	21	24	81	15	17	38
Peripheral lesions (n=29)						
	M-LD BS [mm]*	SA-LD BS [mm]*	Vol BS [ml]	M-LD FU [mm]*	SA-LD FU [mm]*	Vol FU [ml]
median	38	38	19	35	35	14
minimum	12	12	1	9	8	0
maximum	103	114	299	101	116	307
25th percentile	25	28	7	18	21	3
75th percentile	60	62	58	53	58	44
standard deviation	24	26	76	24	27	73

Considering overall lesions, semi-automatic longest diameter was significantly greater than the corresponding manual longest diameter both at baseline and at follow-up CTs. No significant difference was found between central and peripheral lesions size as obtained manually or semi-automatically. M-LD BS = manual axial longest diameter at baseline CT; SA-LD BS = semi-automatic axial longest diameter at baseline CT; Vol BS = volume at baseline CT; M-LD FU = manual axial longest diameter at follow-up CT; SA-LD FU = semi-automatic axial longest diameter at follow-up CT, Vol FU = volume at follow-up CT.

* Statistically significant according to Wilcoxon test.

Table S2. Results of mean relative changes among readers between baseline and follow-up CTs as obtained manually and semi-automatically.

Overall lesions (n=47)			
	Δ M-LD [%]	Δ SA-LD [%]	Δ Vol [%]
median	-16	-17	-47
minimum	-52	-54	-95
maximum	+86	+84	+474
25th percentile	-34	-34	-70
75th percentile	-7	-2	-12
standard deviation	27	28	94
Central lesions (n=18)			
	Δ M-LD [%]	Δ SA-LD [%]	Δ Vol [%]
median	-20	-20	-51
minimum	-52	-54	-95
maximum	+86	+84	+181
25th percentile	-35	-40	-80
75th percentile	-14	-3	-19
standard deviation	30	31	63
Peripheral lesions (n=29)			
	Δ M-LD [%]	Δ SA-LD [%]	Δ Vol [%]
median	-13	-17	-42
minimum	-49	-43	-80
maximum	+66	+83	+474
25th percentile	-34	-29	-64
75th percentile	-2	-2	-7
standard deviation	26	27	108

Considering overall lesions, no significant difference was observed between changes in longest diameter as assessed manually and semi-automatically. Central and peripheral lesions changes in size as obtained manually or semi-automatically were not significantly different. Δ M-LD = proportional changes between follow-up and baseline CTs in manual axial longest diameter; Δ SA-LD = proportional changes between follow-up and baseline CTs in semi-automatic axial longest diameter; Δ Vol = proportional changes between follow-up and baseline CTs in lesions volume.