

Supplementary material for Mattiucci GC et al., Automatic delineation for replanning in nasopharynx radiotherapy: What is the agreement among experts to be considered as benchmark? Acta Oncol, 2013;52: 1417–1422.

Supplementary Table I. Mean DSI values for Structure Set A-C comparison for OARs, nodal levels and CTV-E.

OARs	DSI	Nodal levels	DSI	CTV-E	DSI
Brain	0.96	I	0.70	Mean	0.74
Brainstem	0.84	Ia	0.49		
Right eye	0.85	Ib	0.70		
Left eye	0.83	II	0.75		
Right parotid	0.73	IIa	0.73		
Left parotid	0.74	IIb	0.67		
Oral cavity	0.76	III	0.64		
Jaw	0.83	IV	0.57		
Larynx	0.74	V	0.62		
Spinal Cord	0.76	VI	0.49		
Right Clavicle	0.76				
Left Clavicle	0.69				
R. Hum. Head	0.76				
L. Hum. Head	0.78				

Supplementary Table II. Mean manual correction of Structure Set A time values to obtain Structure Set B segmentation.

OARs	Time (m)	Nodal levels	Time (m)	CTV-E	Time (m)
Brain	1.38	I	1.65	Pt. 1	14.62
Brainstem	0.68	Ia	0.13	Pt. 2	11.03
Right eye	0.38	Ib	1.65	Pt. 3	6.33
Left eye	0.4	II	3.45	Pt. 4	25.77
Right parotid	1.55	IIa	1.87	Pt. 5	13.47
Left parotid	1.52	IIb	2.82	Pt. 6	10.3
Oral cavity	1.3	III	3.5	Pt. 7	6.87
Jaw	3.85	IV	1.28	Pt. 8	13.08
Larynx	1.4	V	3.32	Pt. 9	8.83
Spinal Cord	2.52	VI	1.6	Pt. 10	14.63
Right Clavicle	2.03				
Left Clavicle	2.42				
R. Hum. Head	1.32				
L. Hum. Head	1.42				

Supplementary Table III. Mean DSI values for Structure Set A-B comparison for OARs, nodal levels and CTV-E.

OARs	DSI	Nodal levels	DSI	CTV-E	DSI
Brain	0.98	I	0.77	Mean	0.90
Brainstem	0.95	Ia	0.60		
Right eye	0.92	Ib	0.77		
Left eye	0.90	II	0.78		
Right parotid	0.88	IIa	0.79		
Left parotid	0.87	IIb	0.73		
Oral cavity	0.93	III	0.68		
Jaw	0.89	IV	0.66		
Larynx	0.84	V	0.68		
Spinal Cord	0.88	VI	0.55		
Right Clavicle	0.82				
Left Clavicle	0.74				
R. Hum. Head	0.85				
L. Hum. Head	0.83				