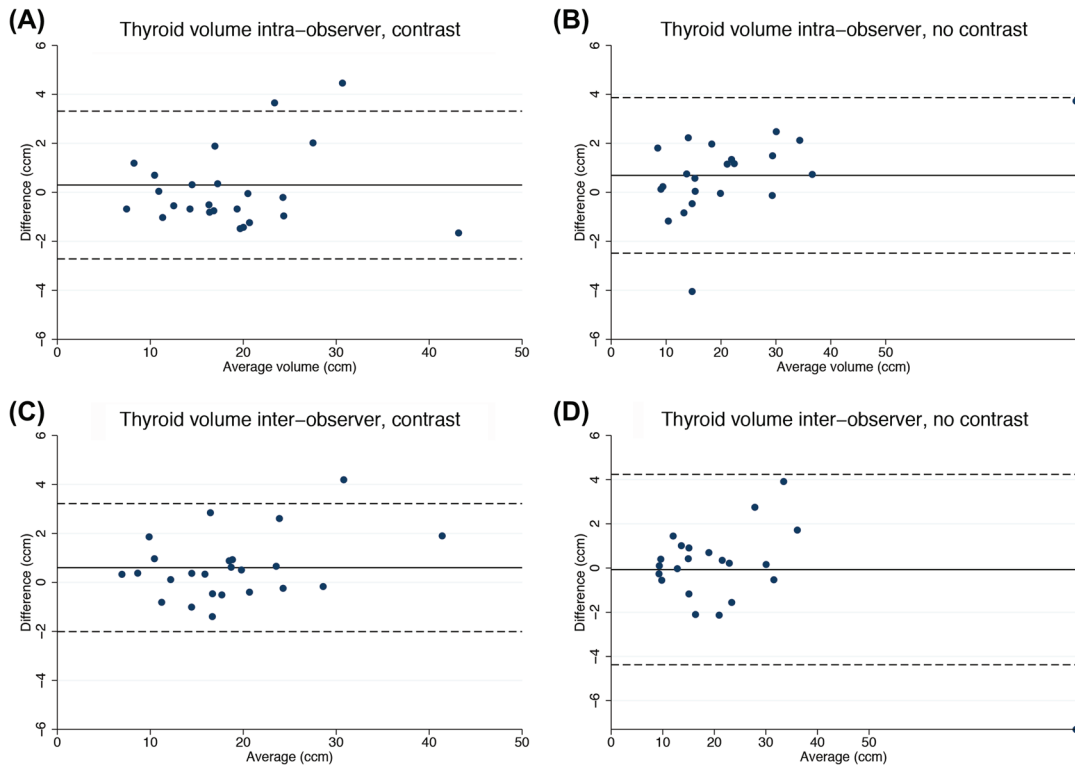


Supplementary material for Rønjom M. F. et al. Variation of normal tissue complication probability (NTCP) estimates of radiation-induced hypothyroidism in relation to changes in delineation of the thyroid gland, *Acta Oncologica*, 2015;54:1188–94.



Supplementary Figure 1. Bland-Altman plots of intra-observer thyroid volume in subgroups receiving contrast (A) or not (B) and inter-observer thyroid volume in subgroups receiving contrast (C) or not (D).

Supplementary Table I. Mean differences, 95% limits of agreements and standard deviation (SD) of the delineated volume of the thyroid gland in subgroups receiving contrast or not. The differences between the subgroups are small and as demonstrated in the table, these differences are highly affected by extreme outliers.

	Mean diff. (cm ³)	95% limits of agreement (cm ³)	SD (cm ³)	DSI (± SD)
Intra-observer Contrast	0.1	− 3.1–3.2	1.6	0.89 (0.03)
Intra-observer No contrast	0.7	− 2.5–3.9	1.6	0.86 (0.03)
Intra-observer No contrast (with the most extreme outlier excluded)*	0.6	− 2.4–3.5	1.5	0.86 (0.03)
Inter-observer Contrast	0.6	− 2.0–3.2	1.3	0.87 (0.03)
Inter-observer No contrast	− 0.1	− 4.4–4.3	2.2	0.82 (0.03)
Inter-observer No contrast (with the most extreme outlier excluded)*	0.3	− 2.6–3.2	1.5	0.82 (0.03)

*Analyzed without the most extreme outlier, to demonstrate the impact of this outlier on limits of agreement and SD on the no-contrast subgroup in the inter-observer analysis.