

**Supplementary Table 1.** Binary logistic regression analyses of the association between clinical and TI-RADS characteristics in correlation with outcome of thyroid carcinoma

	Thyroid neoplasm <sup>a)</sup>		P-value	OR	95% CI	Thyroid malignancy <sup>b)</sup>		P-value	OR	95% CI
	Total	Positive, n (%)				Total	Positive, n (%)			
Age	50.6±14.9 <sup>d)</sup>	–	0.071	0.967	0.933–1.003	50.6±14.9 <sup>d)</sup>	–	0.256	0.977	0.940–1.017
Positive in histology	48.7±14.4 <sup>d)</sup>	–	–	–	–	49.9±14.9 <sup>d)</sup>	–	–	–	–
Negative in histology	52.9±15.0 <sup>d)</sup>	–	–	–	–	51.2±14.2 <sup>d)</sup>	–	–	–	–
Nodule size	2.5±1.4 <sup>d)</sup>	–	0.279	1.253	0.833–1.886	2.5±1.4 <sup>d)</sup>	–	0.314	1.228	0.823–1.833
Sex	81	44	0.433	1.619	0.485–5.404	81	19	0.658	1.332	0.375–4.725
Male	20	13 (65.0)	–	–	–	19	6 (31.6)	–	–	–
Female	61	31 (50.8)	–	–	–	62	13 (21.0)	–	–	–
ThyroSeq	80 <sup>d)</sup>	44	0.003 <sup>c)</sup>	6.859	1.955–24.061	80 <sup>d)</sup>	19	0.415	1.762	0.452–6.875
Positive	61	39 (64.0)	–	–	–	61	15 (24.6)	–	–	–
Negative	19	5 (26.3)	–	–	–	19	4 (21.1)	–	–	–
TI-RADS	81	44	0.853	1.072	0.517–2.220	81	19	0.023 <sup>e)</sup>	2.759	1.149–6.622
TR2	2	1 (50.0)	–	–	–	2	0	–	–	–
TR3	19	12 (63.2)	–	–	–	19	3 (15.8)	–	–	–
TR4	44	23 (52.3)	–	–	–	44	9 (20.5)	–	–	–
TR5	16	8 (50.0)	–	–	–	16	7 (43.8)	–	–	–
Cytology diagnosis	81	44	0.392	1.480	0.603–3.633	81	19	0.117	2.039	0.837–4.964
TBS III	54	28 (51.9)	–	–	–	54	11 (20.4)	–	–	–
TBS IV	23	12 (52.2)	–	–	–	23	5 (21.7)	–	–	–
TBS V	4	4 (100)	–	–	–	4	3 (75.0)	–	–	–

OR, odd ratio; CI, confidence interval.

<sup>a)</sup>Thyroid neoplasm: NIFTP and malignant cases. <sup>b)</sup>Thyroid malignancy: malignancy cases (NIFTP was excluded in this category). <sup>c)</sup>Mean±SD. <sup>d)</sup>One case was non-diagnostic on ThyroSeq. <sup>e)</sup>P<0.05, binary logistic regression.