

sTable 2. Poisson regressions (Imputed Data)

Imputed Data ^a N=253346					
Model 1 ^b			Model 2 ^c		
		DRR ^d	95%CI ^e	DRR	95%CI
External radiation exposure (ERE): mSv					
<1	reference	1	—	1	—
1+		1.202	0.772-1.872	1.201	0.772-1.871
Sex					
Boy		1	—	1	—
Girl		1.291	0.858-1.941	1.313	0.872-1.976
Age category (years)					
[3,9) ^f		—	—	—	—
[9,12)		1	—	1	—
[12,15)		2.294	1.097-4.797	2.296	1.098-4.803
[15,18)		3.893	1.908-7.945	3.897	1.909-7.953
[18,25)		8.560	4.179-17.535	8.568	4.177-17.572
Overweight					
No		1	—	1	—
Yes		1.340	0.851-2.110	1.329	0.844-2.092
Past medical history (PMH):					
No		—	—	1	—
Yes		—	—	1.434	0.846-2.431
Family history of thyroid cancer (FTC):					
No		—	—	1	—
Yes		—	—	0.830	0.383-1.798
Frequency of eating seafood (FESF):					
0	or 1-2/week	—	—	1	—
6-7	or 3-4/week	—	—	1.119	0.681-1.841
Frequency of eating seaweed (FESW):					
0	or 1-2/week	—	—	1	—
6-7	or 3-5/week	—	—	0.911	0.525-1.58
Six districts					
North	(reference)	1	—	1	—
Central		0.808	0.461-1.419	0.810	0.461-1.421
South		0.666	0.254-1.744	0.667	0.255-1.748
Soso		1.257	0.63-2.507	1.261	0.632-2.515
Iwaki		0.980	0.532-1.805	0.976	0.53-1.799
Aizu + Minami-Aizu		0.914	0.407-2.053	0.924	0.411-2.078

^aImputed Data: for cases in which missing external radiation-dose data were estimated by imputation,

^bModel 1: The explanatory variables were: ERE + Sex + Age + Six districts + Overweight.

^cModel 2: The explanatory variables were: ERE + Sex + Age + Six districts + Overweight + PMH + FTC + FESF + FESW.

^dDRR : detection rate ratio, ^e95%CI: 95% Confidence Interval, ^f[a,b): the interval with greater than or equal to a and less than b