

ADDITIONAL FILE 2: Sensitivity analyses

In the sensitivity analyses, we performed the main analysis without adjusting for any of the treatment modalities chemotherapy, radiotherapy and surgery. As seen in the Table, these new results show similar results to the main analyses.

	RECURRENCE – presented in the paper					Without adjustment for treatment modalities
	Women with breast cancer	Recurrent events	Follow- up time	HR (95% CI)		
	Counts (%)	Counts (%)	(Years)	Crude	Adjusted	Adjusted
PREVALENT MODEL						
Normal thyroid	34 191 (96)	5 626 (97)	20 288	1.00	1.00	1.00
Prevalent hypothyroidism	1 272 (4)	184 (3)	594	0.94 (0.81-1.09)	1.01 (0.87-1.19)	1.00 (0.85-1.16)
INCIDENT MODEL						
Normal thyroid	33 332 (97)	5 547 (99)	20 075	1.00	1.00	1.00
Incident hypothyroidism	859 (3)	79 (1)	213	1.00 (0.80-1.24)	0.93 (0.75-1.16)	0.92 (0.74-1.15)
	ALL-CAUSE MORTALITY – presented in the paper					Without treatment modalities
	Women with breast cancer	Recurrent events	Follow- up time	HR (95% CI)		
	Counts (%)	Counts (%)	(Years)	Crude	Adjusted	Adjusted
PREVALENT MODEL						
Normal thyroid	34 225 (96)	9 696 (96)	36 907	1.00	1.00	1.00
Incident hypothyroidism	1 273 (4)	398 (4)	1 555	1.25 (1.13-1.39)	1.02 (0.92-1.14)	1.01 (0.90-1.12)
INCIDENT MODEL						
Normal thyroid	32 827 (96)	9 422 (97)	36 599	1.00	1.00	1.00
Incident hypothyroidism	1 398 (4)	274 (3)	307	1.15 (1.02-1.30)	1.08 (0.95-1.23)	1.08 (0.94-1.22)