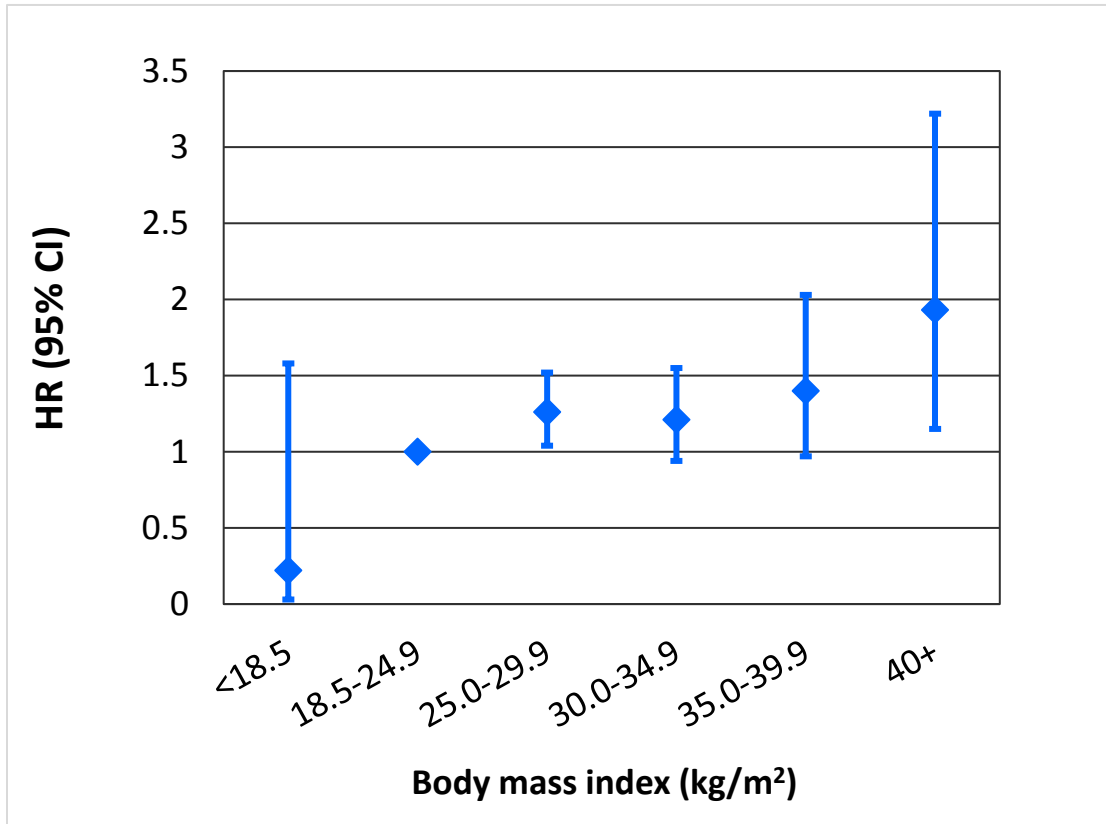


SUPPLEMENTARY MATERIALS



Supplementary Figure 1. Hazard ratios (HRs) and 95% confidence intervals (CIs) for papillary thyroid cancer, according to expanded baseline categories of body mass index, the NIH-AARP Diet and Health Study (1995-2011). Models used attained age as the time metric and were adjusted for sex, race/ethnicity (non-Hispanic white, non-Hispanic black, Hispanic, other specified, unknown), education (college graduate or not, unknown), number of drinks of alcohol per week (continuous), and cigarette smoking status (never, former, current).

Supplementary Table 1. Sex-specific hazard ratios (HRs)* and 95% confidence intervals (CIs) for papillary thyroid cancer, overall and by stage and tumor size, according to baseline categories of body mass index, the NIH-AARP Diet and Health Study (1995-2011).

Diagnostic characteristic	No. cases	Body mass index, kg/m ²			
		<18.5	18.5-24.9	25.0-29.9	30.0+
Men					
Total	248	---	1.00 (Reference)	1.46 (1.06, 2.01)	1.73 (1.19, 2.50)
Stage					
Localized	155	---	1.00 (Reference)	1.58 (1.06, 2.36)	1.59 (0.98, 2.58)
Regional/distant	87	---	1.00 (Reference)	1.35 (0.78, 2.32)	2.03 (1.11, 3.71)
Tumor size, cm					
≤1	58	---	1.00 (Reference)	1.68 (0.87, 3.26)	1.76 (0.80, 3.88)
1.1-2.0	39	---	1.00 (Reference)	0.53 (0.25, 1.14)	1.26 (0.58, 2.75)
2.1-4.0	35	---	1.00 (Reference)	2.81 (1.07, 7.35)	1.34 (0.38, 4.67)
>4.0	34	---	1.00 (Reference)	4.31 (1.26, 14.7)	7.62 (2.11, 27.5)
Women					
Total	356	0.25 (0.04, 1.81)	1.00 (Reference)	1.17 (0.92, 1.48)	1.08 (0.82, 1.43)
Stage					
Localized	277	0.34 (0.05, 2.41)	1.00 (Reference)	1.11 (0.84, 1.46)	1.17 (0.86, 1.59)
Regional/distant	66	---	1.00 (Reference)	1.36 (0.80, 2.31)	0.79 (0.39, 1.61)
Tumor size, cm					
≤1	127	---	1.00 (Reference)	1.16 (0.78, 1.73)	1.03 (0.65, 1.64)
1.1-2.0	59	---	1.00 (Reference)	0.99 (0.55, 1.78)	0.93 (0.47, 1.84)
2.1-4.0	51	---	1.00 (Reference)	0.95 (0.50, 1.79)	0.96 (0.47, 1.97)
>4.0	16	---	1.00 (Reference)	1.65 (0.44, 6.18)	3.58 (1.02, 12.5)

* Models used attained age as the time metric and were adjusted for sex, race/ethnicity (non-Hispanic white, non-Hispanic black, Hispanic, other specified, unknown), education (college graduate or not, unknown), number of drinks of alcohol per week (continuous), and cigarette smoking status (never, former, current).