

SUPPLEMENTARY TABLE S3. ASSOCIATION BETWEEN THE CUMULATIVE GENETIC RISK SCORES AND PAPILLARY THYROID CANCER, AFTER REMOVING CASES OF FOLLICULAR VARIANT OF PAPILLARY THYROID CANCER

<i>Cohort</i>	<i>CGRS</i>	<i>PTC</i>	<i>Control</i>	<i>Proportion in PTC</i>	<i>Proportion in control</i>	<i>OR^a</i>	<i>95% CI^a</i>	<i>p-value^a</i>
Ohio	≤2	37	206	0.076	0.225	Reference		
	3	94	231	0.193	0.252	2.19	[1.43, 3.40]	0.000365
	4	111	235	0.227	0.257	2.56	[1.69, 3.95]	1.22 × 10 ⁻⁵
	5	120	161	0.246	0.176	4.24	[2.79, 6.57]	3.88 × 10 ⁻¹¹
	6	85	68	0.174	0.074	6.78	[4.22, 11.06]	6.21 × 10 ⁻¹⁵
	≥7	41	15	0.084	0.016	14.45	[7.34, 29.83]	6.42 × 10 ⁻¹⁴
Polish	≤2	151	339	0.103	0.204	Reference		
	3	305	417	0.207	0.251	1.71	[1.26, 2.35]	7.22 × 10 ⁻⁴
	4	391	449	0.266	0.270	2.05	[1.52, 2.78]	3.15 × 10 ⁻⁶
	5	343	271	0.233	0.163	2.80	[2.03, 3.88]	4.67 × 10 ⁻¹⁰
	6	192	148	0.131	0.089	3.90	[2.67, 5.72]	2.72 × 10 ⁻¹²
	≥7	88	39	0.060	0.023	6.90	[4.02, 12.02]	4.42 × 10 ⁻¹²

FVPTC cases excluded: ohio, $n=154$; Poland, $n=172$.

^aThe odds ratio (OR) with 95% confidence interval (95% CI) and p -values, obtained by applying multivariate logistic regression adjusting for age and sex. CGRS≤2 is used as the reference group.