

Supplementary Table 1 Overall Mortality, Person-Years of Follow-up, and Hazard Ratios for Risk Genotypes in Various Subtypes of Thyroid Cancer.

| Type of Thyroid Cancer | Mortality, No./Total (%) | | | | person-years follow-up | Deaths per 1000 Person-Years (95% CI) | | | Unadjusted | | Adjusted | |
|------------------------|--------------------------|--------------|----------------|---------|------------------------|---------------------------------------|---------------------------|-----------------|------------------|-----------------|------------------|--|
| | overall | rs966423_TT | rs966423_CT/CC | p-value | | risk homozygotes | heterozygotes/homozygotes | logrank p-value | HR (95%CI) | logrank p-value | HR (95%CI) | |
| All types | 80/1777 (4.5) | 33/518 (6.4) | 47/1259 (3.7) | 0.017 | 16557 (11709+4848) | 6.81 (4.69-9.56) | 4.01 (2.95-5.34) | 0.022 | 1.67 (1.07-2.61) | 0.038 | 1.6 (1.02-2.49) | |
| PTC | 63/1614 (3.9) | 25/468 (5.3) | 38/1146 (3.3) | 0.065 | 14960 (10523+4437) | 5.63 (3.65-8.32) | 3.61 (2.56-4.96) | 0.118 | 1.49 (0.9-2.48) | 0.134 | 1.47 (0.89-2.44) | |
| PTC conventional | 48/1378 (3.5) | 18/395 (4.6) | 30/983 (3.1) | 0.193 | 12836 (9109+3727) | 4.83 (2.86-7.63) | 3.29 (2.22-4.7) | 0.262 | 1.4 (0.78-2.52) | 0.329 | 1.34 (0.74-2.41) | |
| PTC fv | 15/236 (6.4) | 7/73 (9.6) | 8/163 (4.9) | 0.246 | 2124 (1414+710) | 9.86 (3.96-20.31) | 5.66 (2.44-11.15) | 0.3 | 1.7 (0.62-4.69) | 0.288 | 1.73 (0.62-4.79) | |
| FTC | 10/143 (7) | 4/42 (9.5) | 6/101 (5.9) | 0.48 | 1469 (1104+365) | 10.95 (2.98-28.03) | 5.43 (1.99-11.83) | 0.278 | 1.99 (0.56-7.09) | 0.366 | 1.8 (0.5-6.52) | |
| FTC insulare | 7/20 (35) | 4/8 (50) | 3/12 (25) | 0.356 | 127 (82+45) | 88.07 (24-225.49) | 36.7 (7.57-107.24) | 0.294 | 2.19 (0.49-9.84) | 0.342 | 2.2 (0.42-11.43) | |