**Table 4. Meta-analyses of *GSTP1* Ile105Val polymorphism and esophageal cancer risk.**

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| --- | --- | --- | --- | --- | --- |
| *GSTP1* Ile105Val polymorphism | Genetic model | Number of studies | Sample size (cases/controls) | OR (95% CI) | P-value for Q-test |
| Overall | Dominant | 21 | 3108/5208 | 1.05 (0.91, 1.21) | 0.008 |
|  | Recessive | 21 | 3108/5208 | 1.09 (0.95, 1.26) | 0.559 |
|  | Allelic | 21 | 3108/5208 | 1.06 (0.95, 1.17) | 0.017 |
| Cancer Types |  |  |  |  |  |
| ESCC | Dominant | 15 | 2090/4408 | 0.99 (0.82, 1.19) | 0.008 |
|  | Recessive | 15 | 2090/4408 | 1.07 (0.90, 1.26) | 0.766 |
|  | Allelic | 15 | 2090/4408 | 1.01 (0.88, 1.16) | 0.012 |
| EAC | Dominant | 9 | 841/2121 | 1.17 (0.98, 1.38) | 0.158 |
|  | Recessive | 9 | 841/2121 | 1.08 (0.84, 1.40) | 0.623 |
|  | Allelic | 9 | 841/2121 | 1.10 (0.98, 1.25) | 0.424 |
| Ethnic Groups |  |  |  |  |  |
| Asians | Dominant | 10 | 1118/1790 | 0.86 (0.69, 1.08) | 0.070 |
|  | Recessive | 10 | 1118/1790 | 1.12 (0.79, 1.60) | 0.264 |
|  | Allelic | 10 | 1118/1790 | 0.91 (0.74, 1.12) | 0.031 |
| Caucasians | Dominant | 6 | 972/1531 | 1.14 (0.97, 1.34) | 0.644 |
|  | Recessive | 6 | 972/1531 | 1.04 (0.81, 1.34) | 0.616 |
|  | Allelic | 6 | 972/1531 | 1.08 (0.96, 1.22) | 0.703 |