|                    |                     |                     |                            |          | Weight  | Weight   |
|--------------------|---------------------|---------------------|----------------------------|----------|---------|----------|
| Study              | TE                  | seTE                | HR 9                       | )5%-CI   | (fixed) | (random) |
|                    |                     |                     | =                          |          |         |          |
| BLCA               |                     | 0.0132              | <u> </u>                   | 7; 1.02] | 10.4%   | 7.5%     |
| BRCA               |                     | 0.0210              | ļ(                         | 5; 1.03] | 4.1%    | 5.1%     |
| CESC               |                     | 0.0206              | l:                         | 9; 1.07] |         | 5.2%     |
| CHOL               |                     | 0.0540              | lt                         | 5; 1.18] | 0.6%    | 1.3%     |
| COAD               |                     | 0.0185              | - II                       | 1; 1.09] | 5.2%    | 5.8%     |
| ESCA               | 0.01                | 0.0245              | 1.01 [0.9                  | 6; 1.06] | 3.0%    | 4.3%     |
| GBM                | 0.02                | 0.0196              | 1.02 [0.9                  | 9; 1.06] | 4.7%    | 5.4%     |
| HNSC               | 0.01                | 0.0127              | + 1.01 [0.9                | 9; 1.04] | 11.1%   | 7.7%     |
| KICH               | 0.16                | 0.0617              | 1.17 [1.0                  | 3; 1.32] | 0.5%    | 1.0%     |
| KIRC               | 0.06                | 0.0178              | 1.06 [1.0                  | 2; 1.10] | 5.7%    | 6.0%     |
| KIRP               | 0.08                | 0.0328              | 1.09 [1.0]                 | 2; 1.16] | 1.7%    | 2.9%     |
| LIHC               | 0.03                | 0.0159              | 1.03 [1.0                  | 0; 1.06] | 7.1%    | 6.6%     |
| LUAD               | 0.02                | 0.0139              | 1.02 [0.9                  | 9; 1.05] | 9.4%    | 7.3%     |
| LUSC               | -0.01               | 0.0136              | 0.99 [0.9                  | 7; 1.02] | 9.8%    | 7.4%     |
| PAAD               | 0.10                | 0.0324              | 1.10 [1.0                  | 3; 1.17] | 1.7%    | 2.9%     |
| PCPG               | -0.04               | 0.1160              | $\frac{1}{t}$ 0.96 [0.7]   | 6; 1.20] | 0.1%    | 0.3%     |
| PRAD               | 0.02                | 0.0586              | 1.02 [0.9                  | 1; 1.14] | 0.5%    | 1.1%     |
| READ               | 0.06                | 0.0367              | 1.06 [0.9                  | 9; 1.14] | 1.3%    | 2.4%     |
| SARC               | -0.01               | 0.0162              | 0.99 [0.9                  | 6; 1.02] | 6.9%    | 6.5%     |
| STAD               | 0.04                | 0.0158              | 1.04 [1.0                  | 1; 1.08] | 7.2%    | 6.6%     |
| THCA               | 0.07                | 0.0505              | $\frac{l}{l} = 1.07 [0.9]$ | 7; 1.18] | 0.7%    | 1.4%     |
| THYM               | 0.07                | 0.0704              | 1.07 [0.9                  | 3; 1.23] | 0.4%    | 0.8%     |
| UCEC               | 0.02                | 0.0223              | 1.02 [0.9                  | 8; 1.07] | 3.6%    | 4.8%     |
|                    |                     |                     | Ť.                         |          |         |          |
| Fixed effect model |                     |                     | 1.02 [1.0 <sup>-</sup>     | i; 1.03] | 100.0%  |          |
| Overall effec      | t                   |                     | 1.03 [1.0 <sup>-</sup>     | i; 1.04] |         | 100.0%   |
| Heterogeneity:     | $I^2 = 48\% [15\%;$ | 68%], <i>p</i> < 0. | 1 2                        |          |         |          |