|                    |                       |        |   |            | Weight  | Weight   |
|--------------------|-----------------------|--------|---|------------|---------|----------|
| Study              | TE                    | seTE   | HR  | 95%-CI     | (fixed) | (random) |
|                    |                       |        |   |            |         |          |
| BLCA               |                       | 0.0190 | <del>11-</del>                                    | .98; 1.05] | 12.0%   | 11.9%    |
| BRCA               |                       | 0.0370 | ļ   | .98; 1.14] | 3.2%    | 3.2%     |
| CESC               |                       | 0.0352 | li -  | .94; 1.08] | 3.5%    | 3.5%     |
| CHOL               |                       | 0.0787 | <u>-II</u>  | .81; 1.10] | 0.7%    | 0.7%     |
| COAD               |                       | 0.0229 | 1.00 [0   | .96; 1.04] | 8.3%    | 8.3%     |
| ESCA               | 0.01                  | 0.0504 | 1.01 [0   | .92; 1.12] | 1.7%    | 1.7%     |
| GBM                | 0.02                  | 0.0230 | 1.02 [0   | .97; 1.06] | 8.2%    | 8.2%     |
| HNSC               | 0.02                  | 0.0227 | 1.02 [0   | .97; 1.06] | 8.4%    | 8.4%     |
| KICH               | 0.18                  | 0.1307 | 1.20 [0   | .93; 1.55] | 0.3%    | 0.3%     |
| KIRC               | 0.07                  | 0.0303 | 1.07 [1   | .01; 1.14] | 4.7%    | 4.7%     |
| KIRP               | 0.05                  | 0.0527 |   | .95; 1.16] | 1.6%    | 1.6%     |
| LIHC               | 0.00                  | 0.0188 | 1.00 [0   | .97; 1.04] | 12.3%   | 12.2%    |
| LUAD               | -0.02                 | 0.0266 | 0.98 [0   | .93; 1.04] | 6.1%    | 6.1%     |
| LUSC               | 0.00                  | 0.0316 | 1.00 [0   | .94; 1.07] | 4.3%    | 4.4%     |
| PAAD               | 0.06                  | 0.0431 | 1.07 [0   | .98; 1.16] | 2.3%    | 2.3%     |
| PCPG               | 0.10                  | 0.0977 | <del>    +                                 </del> | .92; 1.34] | 0.5%    | 0.5%     |
| PRAD               | -0.02                 | 0.0752 | <del></del>                                       | .84; 1.13] | 0.8%    | 0.8%     |
| READ               | 0.03                  | 0.0505 | 1.03 [0   | .94; 1.14] | 1.7%    | 1.7%     |
| SARC               | -0.03                 | 0.0222 | 0.97 [0   | .93; 1.01] | 8.8%    | 8.8%     |
| STAD               | 0.03                  | 0.0374 | 1.03 [0   | .96; 1.11] | 3.1%    | 3.1%     |
| THCA               | 0.07                  | 0.0699 | <del>                                      </del> | .93; 1.23] | 0.9%    | 0.9%     |
| THYM               | 0.14                  | 0.0814 | 1.15 [0   | .98; 1.35] | 0.7%    | 0.7%     |
| UCEC               | 0.06                  | 0.0263 | 1.06 [1   | .00; 1.11] | 6.3%    | 6.3%     |
|                    |                       |        | ļ!  |            |         |          |
| Fixed effect model |                       |        | 1.02 [1.03]                                       | .00; 1.03] | 100.0%  |          |
| Overall effect     |                       |        | 1.02 [1.02]                                       | .00; 1.03] |         | 100.0%   |
| Heterogeneity:     | $I^2 = 0\% [0\%; 46]$ |        |   |            |         |          |
|                    |                       | 0      | 1 2   |            |         |          |