|  |       |        |                          |                | Weight  | Weight   |
|--|-------|--------|--------------------------|----------------|---------|----------|
| Study  | TE    | seTE   | н                        | 95%-CI         | (fixed) | (random) |
|  |       |        |                          |                |         |          |
| BLCA   | -0.01 | 0.0124 | 0.9                      | 9 [0.97; 1.02] | 9.9%    | 9.4%     |
| BRCA   | -0.02 | 0.0145 | 0.9                      | 8 [0.95; 1.00] | 7.3%    | 7.2%     |
| CESC   | -0.02 | 0.0202 | 0.9                      | 3 [0.94; 1.02] | 3.7%    | 4.0%     |
| CHOL   | -0.07 | 0.0412 | <del>-+  </del> 0.9      | 3 [0.86; 1.01] | 0.9%    | 1.0%     |
| COAD   | -0.01 | 0.0180 | 0.9                      | 9 [0.96; 1.03] | 4.7%    | 4.9%     |
| ESCA   | -0.02 | 0.0214 | 0.9                      | 3 [0.94; 1.02] | 3.3%    | 3.6%     |
| GBM  | -0.04 | 0.0392 | <del>- ≢</del> 0.9       | 6 [0.89; 1.04] | 1.0%    | 1.1%     |
| HNSC   | -0.01 | 0.0112 | + 0.9                    | 9 [0.97; 1.02] | 12.1%   | 11.2%    |
| KICH   | -0.10 | 0.0601 | 0.9                      | 1 [0.81; 1.02] | 0.4%    | 0.5%     |
| KIRC   | -0.01 | 0.0203 | 0.9                      | 9 [0.95; 1.03] | 3.7%    | 3.9%     |
| KIRP   | -0.00 | 0.0277 | # 1.0                    | 0.95; 1.05]    | 2.0%    | 2.2%     |
| LIHC   | 0.01  | 0.0147 | 1.0                      | 1 [0.98; 1.04] | 7.0%    | 7.0%     |
| LUAD   | -0.03 | 0.0128 | 0.9                      | 8 [0.95; 1.00] | 9.3%    | 8.9%     |
| LUSC   | -0.00 | 0.0124 | 1.0                      | 0 [0.98; 1.02] | 9.9%    | 9.4%     |
| PAAD   | -0.06 | 0.0189 | 0.9                      | 4 [0.91; 0.98] | 4.3%    | 4.5%     |
| PCPG   | -0.02 | 0.0747 | <del></del>              | 3 [0.84; 1.13] | 0.3%    | 0.3%     |
| PRAD   | 0.06  | 0.0602 | 1.0                      | 6 [0.94; 1.19] | 0.4%    | 0.5%     |
| READ   | 0.03  | 0.0337 | <del> </del> 1.0         | 3 [0.97; 1.10] | 1.3%    | 1.5%     |
| SARC   | -0.03 | 0.0161 | 0.9                      | 7 [0.94; 1.00] | 5.8%    | 6.0%     |
| STAD   | -0.01 | 0.0153 | 0.9                      | 9 [0.96; 1.02] | 6.5%    | 6.6%     |
| THCA   | 0.06  | 0.0520 | <del>   *     1</del> .0 | 6 [0.96; 1.17] | 0.6%    | 0.6%     |
| THYM   | 0.27  | 0.2265 | → + → 1.3                | 1 [0.84; 2.05] | 0.0%    | 0.0%     |
| UCEC   | -0.01 | 0.0165 | 0.9                      | 9 [0.96; 1.03] | 5.6%    | 5.8%     |
|  |       |        |                          |                |         |          |
| Fixed effect model                               |       |        | 0.9                      | 9 [0.98; 0.99] | 100.0%  |          |
| Overall effect                                   |       |        |                          | 9 [0.98; 0.99] |         | 100.0%   |
| Heterogeneity: $I^2 = 7\%$ [0%; 41%], $p = 0.36$ |       |        |                          |                |         |          |
|  |       | 0.9    | 1 2                      |                |         |          |