Study logHR [95%CI] P-value **UCEC** -3.44[-6.42; -0.46]0.02THYM -2.64 [-5.64; 0.36] 0.08 CESC -2.61 [-4.65; -0.57] 0.01 LIHC -2.35[-3.82; -0.88]0.00 HNSC -1.81[-2.85; -0.77]0.00-1.56 [-2.64; -0.48] BLCA 0.00-1.18[-2.63; 0.27]LUSC 0.11 **CHOL** -1.17 [-4.84; 2.50] 0.53 STAD -1.15 [-2.42; 0.12] 0.08 LUNG -1.13 [-2.09; -0.17] 0.02LUAD -1.09 [-2.38; 0.20] 0.10 **ACC** -1.06[-4.27; 2.15]0.52**BRCA** -1.02[-2.25; 0.21]0.11 **GBM** -1.01 [-2.81; 0.79] 0.28SKCM -0.81 [-1.83; 0.21] 0.12-0.78[-2.45; 0.89]PAAD 0.36 **SARC** -0.50 [-2.22; 1.22] 0.57 COAD 0.11 [-1.65; 1.87] 0.90 0.12 [-1.55; 1.79] OV 0.88 UCS 0.12[-3.27; 3.51]0.94 **ESCA** 0.71[-1.09; 2.51]0.44 MESO 0.75 [-1.01; 2.51] 0.40 **KIRC** 0.86[-0.34; 2.06]0.16 LGG 2.60 [1.31; 3.89] 0.00 **KIRP** 2.78 [0.64; 4.92] 0.012.89 [-0.01; 5.79] **UVM** 0.05 -0.55 [-1.12; 0.02] Total

Heterogeneity: $\chi_{25}^2 = 76.91 \ (P < .001), I^2 = 67\% \ [51\%; 78\%]$ Test for overall effect: z = -1.90 (P = .06)

2

-2

0 logHR estimate