## **Source** (95% CI)

## Sequencing = TPM

Braun, Kidney, n = 178-0.18 [-0.49; 0.13] Riaz, Melanoma, n = 51 -0.05 [-0.58; 0.48] Fumet.2, Lung, n = 430.22 [-0.37; 0.81] Mariathasan, Kidney, n = 670.31 [-0.10; 0.72] Mariathasan, Lymph\_node,  $n = 26 \ 0.42 [-0.31; 1.15]$ Mariathasan, Bladder, n = 194 0.49 [ 0.22; 0.76] Miao.1, Kidney, n = 330.53 [-0.21; 1.27] Snyder, Ureteral, n = 250.64 [-0.14; 1.42] Van\_Allen, Melanoma, n = 42 0.89 [ 0.32; 1.46] Mariathasan, Ureteral, n = 26 1.06 [ 0.06; 2.06] 0.35 [ 0.11; 0.60] Total Heterogeneity:  $\chi_9^2 = 20.15 \ (P = .02), \ I^2 = 55\% \ [9\%; 78\%]$ 

## Sequencing = FPKM

Nathanson, Melanoma, n = 240.23 [-0.55; 1.01] Hugo, Melanoma, n = 270.65 [-0.41; 1.71] Liu, Melanoma, n = 121 0.66 [ 0.27; 1.05] 0.58 [ 0.25; 0.91] Total Heterogeneity:  $\chi_2^2 = 0.94$  (P = .62),  $I^2 = 0\%$  [0%; 90%] Total 0.39 [ 0.18; 0.60] Heterogeneity:  $\chi_{12}^2 = 23.38 \ (P = .02), \ I^2 = 49\% \ [3\%; 73\%]$ Test for overall effect: z = 3.62 (P < .001)Test for subgroup differences:  $\chi_1^2 = 1.17$  (P = .28)

