Source (95% CI)

Primary = Lung

Jung, n = 26-3.37 [-6.31; -0.43] Fumet.2, n = 41-2.00 [-3.92; -0.08] Fumet.1, n = 39-0.63 [-2.43; 1.17]

-1.69[-3.08; -0.30]Total

Heterogeneity: $\chi_2^2 = 2.67$ (P = .26), $I^2 = 25\%$ [0%; 92%]

Primary = Other

Mariathasan, Bladder, n = 133 - 0.92 [-1.68; -0.16]Snyder, Ureteral, n = 22 -0.80 [-2.90; 1.30]

Primary = Melanoma

 $Van_Allen, n = 39$ -0.89[-2.48; 0.70]-0.78 [-2.13; 0.57] Riaz, n = 33Liu, n = 112-0.58 [-1.38; 0.22] Hugo, n = 270.06 [-1.53; 1.65] -0.57 [-1.16; 0.02] Total Heterogeneity: $\chi_3^2 = 0.85$ (P = .84), $I^2 = 0\%$ [0%; 85%]

Primary = Kidney

Mariathasan, n = 46-0.30 [-1.85; 1.25] Braun, n = 139-0.18 [-0.98; 0.62] Miao.1, n = 280.56 [-1.20; 2.32] -0.10 [-0.76; 0.56] Total Heterogeneity: $\chi_2^2 = 0.64$ (P = .73), $I^2 = 0\%$ [0%; 90%] Total -0.51 [-0.92; -0.10] Heterogeneity: $\chi_9^2 = 8.99 \ (P = .44), \ I^2 = 0\% \ [0\%; 62\%]$

Test for overall effect: z = -2.43 (P = .02)

Test for subgroup differences: $\chi_2^2 = 4.28 \ (P = .12)$

