Source (95% CI) **Primary = Lung**Fumet.2, n = 41 -2.43 [-3.98; -0.88]

Total -1.27 [-2.45; -0.09]

Heterogeneity: $\chi_2^2 = 4.77 \ (P = .09), \ I^2 = 58\% \ [0\%; 88\%]$

Primary = Kidney

Mariathasan, n = 46 -1.80 [-3.33; -0.27]Braun, n = 139 -0.44 [-1.05; 0.17]Miao.1, n = 28 -0.15 [-1.42; 1.12]

Total -0.55 [-1.09; -0.02] Heterogeneity: $\chi^2_2 = 3.07$ (P = .22), $I^2 = 35\%$ [0%; 79%]

Primary = Other

Mariathasan, Bladder, n = 133 -1.29 [-1.96; -0.62]Snyder, Ureteral, n = 22 -1.10 [-2.45; 0.25]

Primary = Melanoma

Liu, n = 112 -1.03 [-1.72; -0.34]Riaz, n = 33 -0.91 [-2.01; 0.19]Nathanson, n = 24 -0.80 [-2.02; 0.42]Van_Allen, n = 39 -0.80 [-1.98; 0.38]Hugo, n = 27 -0.37 [-1.60; 0.86]Total -0.86 [-1.31; -0.41]Heterogeneity: $\chi_4^2 = 0.87 (P = .93)$, $I^2 = 0\% [0\%; 79\%]$

Total -0.79 [-1.10; -0.48]

Heterogeneity: $\chi_{10}^2 = 10.38 \ (P = .41), \ I^2 = 4\% \ [0\%; 62\%]$

Test for overall effect: z = -5.05 (P < .001)

Test for subgroup differences: $\chi^2 = 1.49$ (P = .47)

