

**Source** (95% CI)

**Primary = Lung**

Fumet.2, n = 41 -1.19 [-3.31; 0.93]

Fumet.1, n = 39 -0.73 [-3.96; 2.50]

Jung, n = 26 -0.11 [-2.13; 1.91]

**Total** -0.64 [-1.97; 0.69]

Heterogeneity:  $\chi^2_2 = 0.53$  ( $P = .77$ ),  $I^2 = 0\%$  [0%; 90%]

**Primary = Kidney**

Mariathasan, n = 46 -1.07 [-2.99; 0.85]

Braun, n = 139 0.43 [-0.65; 1.51]

Miao.1, n = 28 1.51 [-0.70; 3.72]

**Total** 0.27 [-0.82; 1.36]

Heterogeneity:  $\chi^2_2 = 3.16$  ( $P = .21$ ),  $I^2 = 37\%$  [0%; 80%]

**Primary = Other**

Snyder, Ureteral, n = 22 -0.90 [-3.62; 1.82]

Mariathasan, Bladder, n = 133 0.18 [-0.82; 1.18]

**Primary = Melanoma**

Riaz, n = 33 -0.03 [-1.46; 1.40]

Hugo, n = 27 0.00 [-2.29; 2.29]

Van\_Allen, n = 39 0.50 [-1.87; 2.87]

Liu, n = 112 0.98 [-0.04; 2.00]

Jerby\_Arnon, n = 96 1.06 [0.08; 2.04]

Nathanson, n = 24 1.37 [-0.69; 3.43]

**Total** 0.79 [0.22; 1.36]

Heterogeneity:  $\chi^2_5 = 2.51$  ( $P = .78$ ),  $I^2 = 0\%$  [0%; 75%]

**Total** 0.49 [0.05; 0.94]

Heterogeneity:  $\chi^2_{11} = 10.24$  ( $P = .51$ ),  $I^2 = 0\%$  [0%; 58%]

Test for overall effect:  $z = 2.17$  ( $P = .03$ )

Test for subgroup differences:  $\chi^2_2 = 4.00$  ( $P = .14$ )

