

**Source** (95% CI)

**Primary = Lung**

Fumet.2, n = 41 -2.63 [-4.94; -0.32]

Jung, n = 26 -1.38 [-3.38; 0.62]

Fumet.1, n = 39 0.62 [-1.28; 2.52]

Total -1.05 [-2.90; 0.81]

Heterogeneity:  $\chi^2_2 = 4.82$  ( $P = .09$ ),  $I^2 = 59\%$  [0%; >88%]

**Primary = Melanoma**

Riaz, n = 33 -1.16 [-2.75; 0.43]

Liu, n = 112 -1.08 [-2.06; -0.10]

Van\_Allen, n = 39 -0.63 [-2.43; 1.17]

Nathanson, n = 24 -0.48 [-2.11; 1.15]

Hugo, n = 27 0.32 [-1.56; 2.20]

Total -0.78 [-1.42; -0.13]

Heterogeneity:  $\chi^2_4 = 2.05$  ( $P = .73$ ),  $I^2 = 0\%$  [0%; 79%]

**Primary = Kidney**

Miao.1, n = 28 -0.92 [-3.00; 1.16]

Braun, n = 139 -0.08 [-1.06; 0.90]

Mariathanan, n = 46 0.11 [-1.58; 1.80]

Total -0.16 [-0.94; 0.63]

Heterogeneity:  $\chi^2_2 = 0.64$  ( $P = .73$ ),  $I^2 = 0\%$  [0%; 90%]

**Primary = Other**

Snyder, Ureteral, n = 22 -0.78 [-3.09; 1.53]

Mariathanan, Bladder, n = 133 -0.47 [-1.31; 0.37]

Total -0.59 [-1.05; -0.13]

Heterogeneity:  $\chi^2_{10} = 9.32$  ( $P = .50$ ),  $I^2 = 0\%$  [0%; 60%]

Test for overall effect:  $z = -2.51$  ( $P = .01$ )

Test for subgroup differences:  $\chi^2_2 = 1.70$  ( $P = .43$ )

