Source (95% CI) Primary = Melanoma $Van_Allen, n = 42$ -1.25 [-2.03; -0.47]

Nathanson, n = 24 -0.49 [-1.49; 0.51] Riaz, n = 51 -0.36 [-1.05; 0.33] Hugo, n = 27 -0.22 [-1.42; 0.98]

Liu, n = 121 -0.15 [-0.66; 0.36] Total -0.47 [-0.89; -0.05]

Heterogeneity: $\chi_A^2 = 5.53$ (P = .24), $I^2 = 28\%$ [0%; 72%]

Primary = Other

Primary = Kidney

Heterogeneity: $\chi_{13}^2 = 11.43 \ (P = .57), \ I^2 = 0\% \ [0\%; 55\%]$

Test for overall effect: z = -2.12 (P = .03)

Test for subgroup differences: $\chi_2^2 = 3.91$ (P = .14)

