## Source (95% CI)

## **Primary = Melanoma**

-0.62 [-1.50; 0.26] Nathanson, n = 24Liu, n = 121-0.49[-0.90; -0.08]Riaz, n = 51-0.44 [-1.03; 0.15] Van Allen, n = 42-0.20 [-0.79; 0.39] 0.41 [-0.47; 1.29] Hugo, n = 27-0.35 [-0.62; -0.09] Total

Heterogeneity:  $\chi_A^2 = 4$  (P = .41),  $I^2 = 0\%$  [0%; 79%]

## Primary = Kidney

Miao.1, n = 33-0.40 [-1.22; 0.42] -0.04[-0.37; 0.29]Braun, n = 178Mariathasan, n = 670.13 [-0.32; 0.58] -0.02 [-0.27; 0.23] Total

Heterogeneity:  $\chi_2^2 = 1.26 \ (P = .53), \ I^2 = 0\% \ [0\%; 90\%]$ 

## **Primary = Other**

Snyder, Ureteral, n = 25-0.16 [-1.04; 0.72] Mariathasan, Lymph\_node, n = 26 - 0.14 [-0.90; 0.62]Mariathasan, Bladder, n = 194-0.08 [-0.35; 0.19] Fumet.2, Lung, n = 430.10 [-0.57; 0.77] Mariathasan, Ureteral, n = 260.88 [ 0.12; 1.64] 0.06 [-0.25; 0.37] Total Heterogeneity:  $\chi_4^2 = 5.75$  (P = .22),  $I^2 = 30\%$  [0%; 73%]

Total -0.10 [-0.26; 0.05]

Heterogeneity:  $\chi_{12}^2 = 15.81 \ (P = .20), \ I^2 = 24\% \ [0\%; 60\%]$ 

Test for overall effect: z = -1.27 (P = .20)

Test for subgroup differences:  $\chi_2^2 = 4.86 \ (P = .09)$ 

