## Source (95% CI)

## **Primary = Kidney**

-1.34 [-3.83; 1.15] Miao.1, n = 33Braun, n = 178-0.16 [-0.77; 0.45] Mariathasan, n = 670.11 [-1.20; 1.42] -0.17 [-0.71; 0.37] Total

Heterogeneity:  $\chi_2^2 = 1.02 \ (P = .60), I^2 = 0\% \ [0\%; 90\%]$ 

## **Primary = Melanoma**

 $Van_Allen, n = 42$ -1.12 [-2.83; 0.59] Nathanson, n = 24-0.96 [-2.72; 0.80] -0.72 [-1.86; 0.42] Liu, n = 121Riaz, n = 51-0.59 [-2.12; 0.94] 1.73 [-1.45; 4.91] Hugo, n = 27-0.68 [-1.39; 0.04] Total

Heterogeneity:  $\chi_4^2 = 2.58 \ (P = .63), \ I^2 = 0\% \ [0\%; 79\%]$ 

## **Primary = Other**

-0.64 [-1.37; 0.09] Mariathasan, Bladder, n = 194 -0.60 [-2.11; 0.91] Fumet.2, Lung, n = 43Mariathasan, Lymph\_node, n = 26 - 0.52 [-1.91; 0.87]Snyder, Ureteral, n = 250.25 [-1.20; 1.70] Mariathasan, Ureteral, n = 263.46 [ 1.23; 5.69] 0.17 [-1.06; 1.39] Total Heterogeneity:  $\chi_4^2 = 12.51 \ (P = .01), \ I^2 = 68\% \ [17\%; 88\%]$ -0.32 [-0.65; 0.02] Total Heterogeneity:  $\chi_{12}^2 = 17.42 \ (P = .13), \ I^2 = 31\% \ [0\%; 64\%]$ Test for overall effect: z = -1.87 (P = .06) Test for subgroup differences:  $\chi_2^2 = 1.85$  (P = .40)

