## Source (95% CI)

## **Primary = Other**

 $\begin{array}{lll} \text{Mariathasan, Ureteral, n} = 26 & -0.55 \ [-1.41; \ 0.31] \\ \text{Fumet.2, Lung, n} = 43 & -0.12 \ [-0.77; \ 0.53] \\ \text{Snyder, Ureteral, n} = 25 & -0.06 \ [-0.84; \ 0.72] \\ \text{Mariathasan, Lymph\_node, n} = 26 & 0.30 \ [-0.48; \ 1.08] \\ \text{Mariathasan, Bladder, n} = 194 & 0.38 \ [0.09; \ 0.67] \\ \text{Total} & 0.10 \ [-0.24; \ 0.44] \\ \text{Heterogeneity: } \chi_4^2 = 5.77 \ (P = .22), \ I^2 = 31\% \ [0\%; \ 73\%] \end{array}$ 

## **Primary = Kidney**

 $\begin{array}{lll} \mbox{Mariathasan, n = 67} & -0.17 \ [-0.66; \ 0.32] \\ \mbox{Braun, n = 178} & 0.20 \ [-0.13; \ 0.53] \\ \mbox{Miao.1, n = 33} & 0.21 \ [-0.57; \ 0.99] \\ \mbox{Total} & 0.10 \ [-0.17; \ 0.36] \\ \mbox{Heterogeneity: } \chi^2_2 = 1.59 \ (P = .45), \ I^2 = 0\% \ [0\%; \ 90\%] \end{array}$ 

## **Primary = Melanoma**

Riaz, n = 51	0.25 [-0.30; 0.80]
Hugo, n = 27	0.27 [-0.77; 1.31]
$Van_Allen, n = 42$	0.31 [-0.32; 0.94]
Liu, n = 121	0.67 [ 0.22; 1.12]
Nathanson, $n = 24$	0.74 [-0.06; 1.54]
Total	0.48 [ 0.20; 0.75]
Heterogeneity: $\chi_4^2 = 2.2 \ (P = .70), \ I^2 = 0\% \ [0\%; 79\%]$	
Total	0.24 [ 0.07; 0.40]
Heterogeneity: $\chi_{12}^2 = 13.65 \ (P = .32), \ I^2 = 12\% \ [0\%; 51\%]$	
Test for overall effect: $z = 2.77 (P = .006)$	
Test for subgroup differences: $\chi_2^2 = 4.65 \ (P = .10)$	

