## Source (95% CI)

## **Primary = Melanoma**

Nathanson, $n = 24$	-0.57 [-1.57; 0.43]
Van_Allen, n = 42	0.15 [-0.59; 0.89]
Liu, n = 121	0.25 [-0.26; 0.76]
Riaz, n = 51	0.32 [-0.37; 1.01]
Hugo, $n = 27$	1.09 [-0.13; 2.31]
Total	0.22 [-0.11; 0.55]
Heterogeneity: $\gamma_4^2 = 4.5$ ( $P = .34$ ).	$I^2 = 11\% [0\%: 82\%]$

## **Primary = Other**

 $\begin{array}{lll} \mbox{Mariathasan, Bladder, n = 194} & -0.14 \ [-0.49; \ 0.21] \\ \mbox{Fumet.2, Lung, n = 43} & -0.09 \ [-0.87; \ 0.69] \\ \mbox{Mariathasan, Ureteral, n = 26} & 0.29 \ [-0.65; \ 1.23] \\ \mbox{Mariathasan, Lymph\_node, n = 26} & 0.35 \ [-0.59; \ 1.29] \\ \mbox{Snyder, Ureteral, n = 25} & 1.67 \ [0.49; \ 2.85] \\ \mbox{Total} & 0.26 \ [-0.26; \ 0.79] \\ \mbox{Heterogeneity: } \chi_4^2 = 9.17 \ (P = .06), \ I^2 = 56\% \ [0\%; \ 84\%] \end{array}$ 

## **Primary = Kidney**

Miao.1, $n = 33$	-0.03 [-0.89; 0.83]
Braun, n = 178	0.17 [-0.22; 0.56]
Mariathasan, n = 67	0.17 [-0.40; 0.74]
Total	0.15 [-0.16; 0.45]
Heterogeneity: $\chi_2^2 = 0.18 \ (P = .91), \ I^2$	= 0% [0%; 90%]
Total	0.13 [-0.04; 0.31]
Heterogeneity: $\chi_{12}^2 = 14.44 \ (P = .27), \ I^2 = 17\% \ [0\%; 56\%]$	
Test for overall effect: $z = 1.48 (P = .14)$	
Test for subgroup differences: $\chi_2^2 = 0.19 \ (P = .91)$	

