## Source (95% CI)

## **Primary = Melanoma**

Liu, n = 121	-0.52 [-1.25; 0.21]
Nathanson, $n = 24$	-0.20 [-1.69; 1.29]
Riaz, $n = 51$	-0.10 [-0.92; 0.72]
Van_Allen, n = 42	0.15 [-0.99; 1.29]
Hugo, n = 27	1.12 [-0.39; 2.63]
Total	-0.12 [-0.57; 0.32]
Hotorogonoity $u^2$ 2.00 /D	44) 1 <sup>2</sup> 00/ [00/ · 700/]

Heterogeneity:  $\chi_4^2 = 3.99 \ (P = .41), \ I^2 = 0\% \ [0\%; 79\%]$ 

## **Primary = Kidney**

Miao.1, n = 33	-0.49 [-1.61; 0.63]
Mariathasan, n = 67	-0.33 [-1.04; 0.38]
Braun, n = 178	0.03 [-0.46; 0.52]
Total	-0.13 [-0.51; 0.25]
Heterogeneity: $\chi_2^2 = 1.12$ ( $P =$	57), $I^2 = 0\% [0\%; 90\%]$

## **Primary = Other**

Mariathasan, Bladder, n = 194	0.03 [-0.34; 0.40]	
Fumet.2, Lung, n = 43	0.28 [-0.72; 1.28]	
Mariathasan, Lymph_node, n = 26	0.29 [-0.85; 1.43]	
Snyder, Ureteral, n = 25	0.52 [-0.40; 1.44]	
Mariathasan, Ureteral, n = 26	1.21 [-0.04; 2.46]	
Total	0.25 [-0.12; 0.62]	
Heterogeneity: $\chi_4^2 = 3.8 \ (P = .43), \ I^2 = 0\% \ [0\%; 79\%]$		
Total	0.02 [-0.19; 0.23]	
Heterogeneity: $\chi_{12}^2 = 11.20 \ (P = .51), \ I^2 = 0\% \ [0\%; 57\%]$		
Test for overall effect: $z = 0.23$ ( $P = .82$ )		
Test for subgroup differences: $\chi_2^2 = 2.54$ ( $P = .28$ )		

