## Source (95% CI)

## **Primary = Melanoma**

Riaz, $n = 51$	-0.46 [-1.05; 0.13]
Liu, n = 121	-0.15 [-0.58; 0.28]
Nathanson, $n = 24$	-0.15 [-1.05; 0.75]
Hugo, n = 27	0.08 [-0.88; 1.04]
Van_Allen, n = 42	0.30 [-0.33; 0.93]
Total	-0.11 [-0.39; 0.16]
2	

Heterogeneity:  $\chi_4^2 = 3.19$  (P = .53),  $I^2 = 0\%$  [ 0%; 79%]

## **Primary = Other**

Mariathasan, Lymph_node, n = 26	-0.32 [-1.26; 0.62]
Snyder, Ureteral, n = 25	-0.29 [-1.05; 0.47]
Mariathasan, Bladder, n = 194	-0.08 [-0.35; 0.19]
Fumet.2, Lung, n = 43	0.45 [-0.26; 1.16]
Mariathasan, Ureteral, n = 26	1.68 [ 0.68; 2.68]
Total	0.24 [-0.41; 0.88]
Heterogeneity: $\chi_A^2 = 13.65 \ (P = .009)$ ,	$I^2 = 71\% [26\%; 88\%]$

## **Primary = Kidney**

Mariathasan, n = 67	-0.17 [-0.66; 0.32]	
Braun, n = 178	-0.06 [-0.37; 0.25]	
Miao.1, n = 33	0.02 [-0.78; 0.82]	
Total	-0.08 [-0.33; 0.17]	
Heterogeneity: $\chi_2^2 = 0.2 \ (P = .90), \ I^2 = 0.1 \ (P = .90)$	= 0% [ 0%; 90%]	
Total	-0.04 [-0.19; 0.10]	
Heterogeneity: $\chi_{12}^2 = 17.82 \ (P = .12)$ ,		
Test for overall effect: $z = -0.59$ ( $P = .55$ )		
Test for subgroup differences: $\chi_2^2 = 0.97 \ (P = .62)$		

