## Source (95% CI)

## **Primary = Melanoma**

Hugo, n = 27	-0.76 [-1.92; 0.40]
Van_Allen, n = 42	-0.68 [-1.23; -0.13]
Liu, n = 121	-0.38 [-0.77; 0.01]
Riaz, n = 51	-0.21 [-0.80; 0.38]
Total	-0.44 [-0.71; -0.17]
2	

Heterogeneity:  $\chi_3^2 = 1.71$  (P = .64),  $I^2 = 0\%$  [0%; 85%]

## **Primary = Other**

Mariathasan, Lymph_node, n = 2	6 -0.75 [-1.61; 0.11]
Snyder, Ureteral, n = 25	-0.53 [-1.35; 0.29]
Mariathasan, Bladder, n = 194	-0.25 [-0.54; 0.04]
Fumet.2, Lung, n = 43	-0.05 [-0.68; 0.58]
Mariathasan, Ureteral, n = 26	0.22 [-0.51; 0.95]
Total	-0.23 [-0.46; 0.00]
Heterogeneity: $\chi_4^2 = 3.72 \ (P = .45), I$	<sup>2</sup> = 0% [0%; 79%]

## **Primary = Kidney**

0.01 [-0.72; 0.74]		
0.28 [-0.05; 0.61]		
0.31 [-0.16; 0.78]		
0.26 [ 0.00; 0.51]		
Heterogeneity: $\chi_2^2 = 0.51 \ (P = .77), \ I^2 = 0\% \ [0\%; 90\%]$		
-0.16 [-0.38; 0.05]		
Heterogeneity: $\chi_{11}^2 = 20.44 \ (P = .04), \ I^2 = 46\% \ [0\%; 72\%]$		
Test for overall effect: $z = -1.48$ ( $P = .14$ )		
Test for subgroup differences: $\chi_2^2 = 14.50 \ (P < .001)$		
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