#### Source (95% CI)

# **Primary = Melanoma**

Hugo, n = 27	-2.28 [-4.53; -0.03]
Van_Allen, n = 39	-2.13 [-4.17; -0.09]
Riaz, $n = 33$	-1.36 [-3.50; 0.78]
Liu, n = 112	-1.18 [-2.10; -0.26]
Nathanson, $n = 24$	-0.24 [-2.02; 1.54]
Total	-1.27 [-1.95; -0.59]

Heterogeneity:  $\chi_4^2 = 2.78 \ (P = .60), \ I^2 = 0\% \ [0\%; 79\%]$ 

## **Primary = Other**

Snyder, Ureteral, n = 22 -1.85 [-4.24; 0.54] Mariathasan, Bladder, n = 133 - 1.17 [-2.05; -0.29]

### **Primary = Lung**

Fumet.2, $n = 41$	-1.40 [-3.24; 0.44]
Jung, n = 26	-1.23 [-3.27; 0.81]
Fumet.1, $n = 39$	-1.05 [-3.01; 0.91]
Total	-1.23 [-2.36; -0.11]
Hotorogonoity: $x^2 = 0.07 (B -$	$07)$ $I^2 = 09/[09/ \cdot 009/1]$

Heterogeneity:  $\chi_2^2 = 0.07$  (P = .97),  $I^2 = 0\%$  [0%; 90%]

#### **Primary = Kidney**

Braun, n = 139	-0.08 [-0.88; 0.72]	
Mariathasan, n = 46	0.15 [–1.52; 1.82]	
Miao.1, $n = 28$	2.34 [-0.07; 4.75]	
Total	0.34 [-0.68; 1.37]	
Heterogeneity: $\chi_2^2 = 3.48$ ( $P =$	= .18), $I^2$ = 43% [0%; 83%]	
Total	-0.73 [-1.31; -0.15]	
Heterogeneity: $\chi_{10}^2 = 15.76$ (F	P = .11), <i>I</i> <sup>2</sup> = 37% [0%; 69%]	
Test for overall effect: $z = -2.48$ ( $P = .01$ )		

Test for subgroup differences:  $\chi_2^2 = 7.14$  (P = .03)

