## Source (95% CI)

## **Primary = Other**

Mariathasan, Lymph\_node, n = 26 - 0.85 [-1.79; 0.09]Mariathasan, Bladder, n = 194 -0.37 [-0.70; -0.04] -0.31 [-1.21; 0.59] Fumet.2, Lung, n = 43Total -0.24 [-0.67; 0.19]Heterogeneity:  $\chi_4^2 = 6.59 (P = .16), I^2 = 39\% [0\%; 78\%]$ 

## **Primary = Melanoma**

Van_Allen, n = 42	-0.84 [-1.70; 0.02]
Riaz, n = 51	-0.81 [-1.44; -0.18]
Nathanson, $n = 24$	-0.34 [-1.28; 0.60]
Hugo, n = 27	-0.26 [-1.65; 1.13]
Total	-0.67 [-1.10; -0.24]
Heterogeneity: $\chi_3^2 = 1.15 \ (P = .77), \ I^2 = 0\% \ [0\%; 85\%]$	

## **Primary = Kidney**

Mariathasan, n = 67	0.01 [-0.58; 0.60]
Braun, n = 178	0.17 [-0.22; 0.56]
Miao.1, $n = 33$	0.34 [-0.42; 1.10]
Total	0.15 [-0.15; 0.45]
Heterogeneity: $\chi_2^2 = 0.46 \ (P = .79)$	), $I^2 = 0\% [0\%; 90\%]$
Total	_0.21 [-0.48; 0.06]
Heterogeneity: $\chi_{11}^2 = 18.80 \ (P = .06), \ I^2 = 41\% \ [0\%; 70\%]$	
Test for overall effect: $z = -1.51$ ( $P = .13$ )	
Test for subgroup differences: $\chi_2^2 = 9.89 \ (P = .007)$	

