## Source (95% CI)

## Primary = Kidney

Braun, n = 178	-0.18 [-0.49; 0.13]
Mariathasan, n = 67	0.31 [-0.10; 0.72]
Miao.1, $n = 33$	0.53 [-0.21; 1.27]
Total	0.14 [-0.28; 0.56]
Heterogeneity: $\chi_2^2 = 5.19 \ (P = .07)$	$I), I^2 = 61\% [0\%; 89\%]$

## **Primary = Melanoma**

Riaz, n = 51	-0.05 [-0.58; 0.48]
Nathanson, $n = 24$	0.23 [-0.55; 1.01]
Hugo, $n = 27$	0.65 [-0.41; 1.71]
Liu, n = 121	0.66 [ 0.27; 1.05]
Van_Allen, n = 42	0.89 [ 0.32; 1.46]
Total	0.48 [ 0.10; 0.85]
Heterogeneity: $\gamma^2 = 7.13$ (P = .13)	$1^2 = 44\% [0\% \cdot 79\%]$

## **Primary = Other**

	Fumet.2, Lung, $n = 43$	0.22 [-0.37; 0.81]	
	Mariathasan, Lymph_node, $n = 26$	0.42 [-0.31; 1.15]	
	Mariathasan, Bladder, n = 194	0.49 [ 0.22; 0.76]	
	Snyder, Ureteral, n = 25	0.64 [-0.14; 1.42]	
	Mariathasan, Ureteral, n = 26	1.06 [ 0.06; 2.06]	
	Total	0.49 [ 0.27; 0.70]	
	Heterogeneity: $\chi_4^2 = 2.23 \ (P = .69), \ I^2$	= 0% [0%; 79%]	
	Total	0.39 [ 0.18; 0.60]	
	Heterogeneity: $\chi_{12}^2 = 23.38 \ (P = .02)$ ,		
Test for overall effect: $z = 3.62 (P < .001)$			
	Test for subgroup differences: $\chi_2^2 = 2.09 \ (P = .35)$		

