

## Source

(95% CI)

### Sequencing = WES

Miao.2, Lung, n = 25	-8.10 [-15.16; -1.04]
Rizvi.15, Lung, n = 27	-4.03 [-7.71; -0.35]
Miao.2, Bladder, n = 23	-3.83 [-7.89; 0.23]
Jung, Lung, n = 57	-2.74 [-6.44; 0.96]
Nathanson, Melanoma, n = 64	-1.89 [-3.32; -0.46]
Hugo, Melanoma, n = 38	-1.15 [-2.87; 0.57]
Riaz, Melanoma, n = 42	-1.03 [-2.38; 0.32]
Snyder, Ureteral, n = 22	-1.01 [-2.70; 0.68]
Miao.2, Melanoma, n = 43	-0.71 [-1.81; 0.39]
Van_Allen, Melanoma, n = 104	-0.64 [-1.64; 0.36]
Liu, Melanoma, n = 133	-0.60 [-1.27; 0.07]
Braun, Kidney, n = 198	0.87 [-1.09; 2.83]
Miao.1, Kidney, n = 26	6.44 [-3.28; 16.16]
<b>Total</b>	<b>-0.86 [-1.26; -0.46]</b>
Heterogeneity: $\chi^2_{12} = 18.13$ ( $P = .11$ ), $I^2 = 34\%$ [0%; 66%]	

### Sequencing = TGS

Mariathasan, Kidney, n = 41	-4.54 [-9.13; 0.05]
Samstein, Unknown, n = 29	-2.33 [-4.45; -0.21]
Mariathasan, Bladder, n = 111	-2.01 [-3.70; -0.32]
Rizvi.18, Lung, n = 29	-1.91 [-4.71; 0.89]
Samstein, Melanoma, n = 108	-1.53 [-2.49; -0.57]
Samstein, Esophagus, n = 21	-1.03 [-4.46; 2.40]
Samstein, HNC, n = 72	-0.44 [-1.69; 0.81]
<b>Total</b>	<b>-1.47 [-2.13; -0.81]</b>
Heterogeneity: $\chi^2_6 = 5.51$ ( $P = .48$ ), $I^2 = 0\%$ [0%; 71%]	
<b>Total</b>	<b>-1.06 [-1.43; -0.70]</b>
Heterogeneity: $\chi^2_{19} = 26.11$ ( $P = .13$ ), $I^2 = 27\%$ [0%; 58%]	
Test for overall effect: $z = -5.73$ ( $P < .001$ )	
Test for subgroup differences: $\chi^2_1 = 2.39$ ( $P = .12$ )	

