

## Source

(95% CI)

### Sequencing = WES

Rizvi.15, Lung, n = 34 -1.38 [-2.85; 0.09]

Snyder, Ureteral, n = 25 -0.81 [-1.75; 0.13]

Liu, Melanoma, n = 144 -0.36 [-0.77; 0.05]

Van\_Allen, Melanoma, n = 112 -0.02 [-0.45; 0.41]

Miao.2, Bladder, n = 27 0.34 [-1.46; 2.14]

Braun, Kidney, n = 249 0.36 [ 0.03; 0.69]

Total -0.18 [-0.61; 0.25]

Heterogeneity:  $\chi^2_5 = 13.77$  ( $P = .02$ ),  $I^2 = 64\%$  [12%; 85%]

### Sequencing = TGS

Samstein, Melanoma, n = 132 -0.87 [-1.38; -0.36]

Samstein, HNC, n = 78 -0.39 [-0.88; 0.10]

Rizvi.18, Lung, n = 29 -0.29 [-1.11; 0.53]

Samstein, Unknown, n = 34 -0.20 [-1.14; 0.74]

Samstein, Esophagus, n = 21 -0.11 [-1.05; 0.83]

Total -0.48 [-0.79; -0.16]

Heterogeneity:  $\chi^2_4 = 3.51$  ( $P = .48$ ),  $I^2 = 0\%$  [ 0%; 79%]

Total -0.28 [-0.57; 0.01]

Heterogeneity:  $\chi^2_{10} = 23.80$  ( $P = .008$ ),  $I^2 = 58\%$  [18%; 78%]

Test for overall effect:  $z = -1.91$  ( $P = .06$ )

Test for subgroup differences:  $\chi^2_1 = 1.23$  ( $P = .27$ )

