

| Source | (95% CI) |
|--------------------------------------------------------------------------|----------------------|
| Primary = Other | |
| Mariathasan, Lymph_node, n = 26 | -1.46 [-2.66; -0.26] |
| Hwang, Lung, n = 21 | -1.13 [-2.93; 0.67] |
| Fumet.2, Lung, n = 43 | -0.61 [-1.63; 0.41] |
| Mariathasan, Bladder, n = 194 | -0.33 [-0.70; 0.04] |
| Snyder, Ureteral, n = 25 | -0.06 [-1.08; 0.96] |
| Mariathasan, Ureteral, n = 26 | 1.45 [0.29; 2.61] |
| Total | -0.31 [-1.06; 0.44] |
| Heterogeneity: $\chi^2_5 = 13.82$ ($P = .02$), $I^2 = 64\%$ [13%; 85%] | |

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| Primary = Melanoma | |
| Van_Allen, n = 42 | -1.10 [-2.06; -0.14] |
| Nathanson, n = 24 | -0.83 [-1.71; 0.05] |
| Riaz, n = 51 | -0.64 [-1.31; 0.03] |
| Liu, n = 121 | -0.63 [-1.20; -0.06] |
| Hugo, n = 27 | 0.31 [-1.12; 1.74] |
| Total | -0.67 [-1.02; -0.32] |
| Heterogeneity: $\chi^2_4 = 2.73$ ($P = .60$), $I^2 = 0\%$ [0%; 79%] | |

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|----------------------------------------------------------------------------|----------------------|
| Primary = Kidney | |
| Miao.1, n = 33 | -0.25 [-1.27; 0.77] |
| Mariathasan, n = 67 | -0.13 [-0.82; 0.56] |
| Braun, n = 178 | 0.13 [-0.30; 0.56] |
| Total | 0.02 [-0.32; 0.37] |
| Heterogeneity: $\chi^2_2 = 0.7$ ($P = .70$), $I^2 = 0\%$ [0%; 90%] | |
| Total | -0.35 [-0.64; -0.07] |
| Heterogeneity: $\chi^2_{13} = 24.91$ ($P = .02$), $I^2 = 48\%$ [3%; 72%] | |
| Test for overall effect: $z = -2.41$ ($P = .02$) | |
| Test for subgroup differences: $\chi^2_2 = 7.66$ ($P = .02$) | |

