

| Source   | (95% CI)             |
|--|----------------------|
| <b>Primary = Other</b>   |                      |
| Hwang, Lung, n = 21  | -1.70 [-4.21; 0.81]  |
| Fumet.2, Lung, n = 43  | -0.54 [-1.66; 0.58]  |
| Mariathanan, Bladder, n = 194  | -0.47 [-0.88; -0.06] |
| Mariathanan, Lymph_node, n = 26  | -0.36 [-1.36; 0.64]  |
| Snyder, Ureteral, n = 25   | -0.03 [-1.38; 1.32]  |
| Mariathanan, Ureteral, n = 26  | 1.41 [ 0.10; 2.72]   |
| Total  | -0.23 [-0.76; 0.30]  |
| Heterogeneity: $\chi^2_5 = 8.66$ ( $P = .12$ ), $I^2 = 42\%$ [0%; 77%] |                      |

|   |                      |
|---|----------------------|
| <b>Primary = Melanoma</b>   |                      |
| Van_Allen, n = 42   | -1.08 [-2.12; -0.04] |
| Nathanson, n = 24   | -1.01 [-2.01; -0.01] |
| Riaz, n = 51  | -0.90 [-1.66; -0.14] |
| Liu, n = 121  | -0.73 [-1.38; -0.08] |
| Hugo, n = 27  | 0.69 [-0.84; 2.22]   |
| Total   | -0.77 [-1.17; -0.38] |
| Heterogeneity: $\chi^2_4 = 4.19$ ( $P = .38$ ), $I^2 = 5\%$ [0%; 80%] |                      |

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|--|---------------------|
| <b>Primary = Kidney</b>  |                     |
| Miao.1, n = 33   | -0.23 [-1.45; 0.99] |
| Mariathanan, n = 67  | 0.07 [-0.71; 0.85]  |
| Braun, n = 178   | 0.32 [-0.21; 0.85]  |
| Total  | 0.19 [-0.23; 0.60]  |
| Heterogeneity: $\chi^2_2 = 0.78$ ( $P = .68$ ), $I^2 = 0\%$ [0%; 90%]      |                     |
| Total  | -0.32 [-0.65; 0.01] |
| Heterogeneity: $\chi^2_{13} = 24.58$ ( $P = .03$ ), $I^2 = 47\%$ [2%; 72%] |                     |
| Test for overall effect: $z = -1.92$ ( $P = .05$ )                         |                     |
| Test for subgroup differences: $\chi^2_2 = 11.02$ ( $P = .004$ )           |                     |

