

| Study  | DI [95%CI]           | P-value |
|--|----------------------|---------|
| Van_Allen, Melanoma, n = 42  | -1.21 [-1.92; -0.50] | 0.00    |
| Nathanson, Melanoma, n = 24  | -1.07 [-1.99; -0.15] | 0.02    |
| Snyder, Ureteral, n = 25   | -0.87 [-1.77; 0.03]  | 0.05    |
| Riaz, Melanoma, n = 51   | -0.80 [-1.47; -0.13] | 0.02    |
| Mariathanas, Lymph_node, n = 26  | -0.70 [-1.46; 0.06]  | 0.07    |
| Liu, Melanoma, n = 121   | -0.63 [-1.04; -0.22] | 0.00    |
| Mariathanas, Bladder, n = 194  | -0.57 [-0.84; -0.30] | 0.00    |
| Fumet.2, Lung, n = 43  | -0.45 [-1.08; 0.18]  | 0.16    |
| Mariathanas, Kidney, n = 67  | -0.31 [-0.82; 0.20]  | 0.23    |
| Miao.1, Kidney, n = 33   | -0.08 [-0.86; 0.70]  | 0.83    |
| Braun, Kidney, n = 178   | 0.10 [-0.23; 0.43]   | 0.55    |
| Hugo, Melanoma, n = 27   | 0.10 [-0.98; 1.18]   | 0.85    |
| Mariathanas, Ureteral, n = 26  | 0.64 [-0.16; 1.44]   | 0.12    |
| Total  | -0.44 [-0.70; -0.19] |         |
| Heterogeneity: $\chi^2_{12} = 29.44$ ( $P = .003$ ), $I^2 = 59\%$ [25%; 78%] |                      |         |
| Test for overall effect: $z = -3.39$ ( $P < .001$ )                          |                      |         |

