| Study | logOR [95%CI] | P-value | |
|---------------------------------|--------------------|---------|---|
| miao_1_CRCC_1 | 0.00 | 0.35 | |
| Liu_Vanallen_Melanoma-phs000452 | 0.01 [-0.28; 0.30] | 0.94 | - |
| Jung_NSCLC_GSE135222 | 0.02 [0.00; 0.04] | 0.03 | |
| Hugo_Melanoma-GSE78220 | 0.04 [-0.65; 0.73] | 0.91 | ← |
| Braun_RCC | 0.09 [-0.18; 0.36] | 0.50 | |
| Mariathasan_UC | 0.17 [-0.05; 0.39] | 0.12 | |
| Zhao_GBM-PRJNA482620 | 0.24 [-0.88; 1.36] | 0.67 | ← |
| Nathanson_Melanoma_2017 | 0.38 [-0.15; 0.91] | 0.16 | + |
| Riaz_Melanoma_GSE91061 | 0.39 [0.04; 0.74] | 0.03 | |
| Auslander_Melanoma_GSE115821 | 0.42 [-0.60; 1.44] | 0.42 | - |
| Snyder_UC | 0.43 [-0.71; 1.57] | 0.46 | - |
| Puch_melanoma | 0.81 [0.16; 1.46] | 0.01 | |
| Kim_GC_PRJEB25780 | 1.03 [0.34; 1.72] | 0.00 | |
| Gide_Melanoma-PRJEB23709 | 1.16 [0.67; 1.65] | 0.00 | |
| Lauss_Melanoma_GSE100797 | 1.88 [-0.30; 4.06] | 0.09 | — |
| Total | 0.36 [0.14; 0.58] | | • |

Heterogeneity: $\chi_{13}^2 = 46.53 \ (P < .001), I^2 = 72\% \ [52\%; 84\%]$

Test for overall effect: z = 3.16 (P = .002)

-0.50 0.5 1 1.5 2 Estimated logOR