Study logHR [95%CI] P-value Van_Allen , Melanoma, n = 42 -1.10 [-1.84; -0.36]0.00 Nathanson, Melanoma, n = 24 - 0.74 [-1.56; 0.08]80.0

Riaz, Melanoma, n = 51 -0.45 [-0.98; 0.08] 0.10 Liu, Melanoma, n = 121 -0.23 [-0.68; 0.22]0.32

Hugo, Melanoma, n = 27 0.12 [-0.98; 1.22] 0.84 Total -0.47 [-0.80; -0.15] Heterogeneity: $\chi_4^2 = 5.35$ (P = .25), $I^2 = 25\%$ [0%; 70%]

Test for overall effect: z = -2.83 (P = .005) -1.5 - 0.5 0.511.5logHR estimate