Study logHR [95%CI] P-value Van_Allen , Melanoma, n = 42 -0.61 [-1.10; -0.12]0.01 -0.58 [-1.23; 0.07] Hugo, Melanoma, n = 27 0.07

Riaz, Melanoma, n = 51 -0.42 [-0.81; -0.03] 0.03 Liu, Melanoma, n = 121 -0.13 [-0.38; 0.12] 0.29

Nathanson, Melanoma, n = 24 - 0.07 [-0.60; 0.46]0.81 Total -0.31 [-0.52; -0.09]

Heterogeneity: $\chi_4^2 = 4.99 \ (P = .29), \ I^2 = 20\% \ [0\%; 83\%]$ -1-0.5 0 0.5 1

Test for overall effect: z = -2.76 (P = .006) logHR estimate