Study logHR [95%CI] P-value Van_Allen , Melanoma, n = 42 -1.07 [-1.93; -0.21]0.01 Nathanson, Melanoma, n = 24 - 0.78 [-1.56; 0.00]0.05

0.29 Riaz, Melanoma, n = 51 -0.32 [-0.93; 0.29]

0.30

Liu, Melanoma, n = 121 -0.25 [-0.72; 0.22]

Hugo, Melanoma, n = 27 0.29 [-0.81; 1.39] 0.61

Total -0.40 [-0.71; -0.10] Heterogeneity: $\chi_4^2 = 5.20 \ (P = .27), \ I^2 = 23\% \ [0\%; 68\%]$

Test for overall effect: z = -2.63 (P = .008)

-1.5 - 0.5 0.511.5logHR estimate