Study logHR [95%CI] P-value $Van_Allen, Melanoma, n = 42 -1.42 [-2.38; -0.46]$ 0.00 Nathanson, Melanoma, n = 24 - 0.82 [-1.64; 0.00]0.05

Riaz, Melanoma, n = 51 -0.52 [-1.13; 0.09]0.09

Liu, Melanoma, n = 121 -0.36 [-0.85; 0.13] 0.14 Hugo, Melanoma, n = 27 0.24 [-0.96; 1.44] 0.69

Total -0.55 [-0.87; -0.22] Heterogeneity: $\chi_4^2 = 5.83$ (P = .21), $I^2 = 31\%$ [0%; 74%]

Test for overall effect: z = -3.31 (P < .001)

-1.5logHR estimate