Source	(95% CI)	
Primary = Melanoma		
Riaz, n = 68	−0.99 [−2.17; 0.19]	
Liu, n = 144	−0.98 [−1.63; −0.33]	
Hugo, n = 38	−0.65 [−1.77; 0.47]	
Nathanson, n = 64	−0.56 [−1.52; 0.40]	
Samstein, n = 214	−0.51 [−1.00; −0.02]	
Miao.2, n = 47	−0.46 [−1.32; 0.40]	
Van_Allen, n = 112	−0.39 [−0.98; 0.20]	
Total	−0.60 [−0.87; −0.33]	

Heterogeneity: $\chi^2_6 = 2.48$ ($P = .87$), $I^2 = 0\%$ [0%; 71%]

Primary = Other		
Mariathasan, Bladder, n = 158	−0.98 [−1.88; −0.08]	
Samstein, Ureteral, n = 51	−0.89 [−2.12; 0.34]	
Samstein, Colon, n = 129	−0.87 [−1.50; −0.24]	
Samstein, HNC, n = 145	−0.76 [−1.47; −0.05]	
Samstein, Unknown, n = 122	−0.67 [−1.28; −0.06]	
Samstein, Esophagus, n = 83	−0.63 [−1.59; 0.33]	
Samstein, Stomach, n = 46	−0.39 [−1.49; 0.71]	
Samstein, Lung, n = 355	−0.33 [−0.60; −0.06]	
Samstein, Brain, n = 117	−0.29 [−1.19; 0.61]	
Snyder, Ureteral, n = 25	−0.24 [−1.38; 0.90]	
Samstein, Bladder, n = 158	−0.06 [−0.51; 0.39]	
Miao.2, Lung, n = 34	0.87 [−0.52; 2.26]	
Total	−0.44 [−0.64; −0.23]	

Heterogeneity: $\chi^2_{11} = 12.08$ ($P = .36$), $I^2 = 9\%$ [0%; 48%]

Total	−0.48 [−0.64; −0.32]	

Heterogeneity: $\chi^2_{18} = 15.85$ ($P = .60$), $I^2 = 0\%$ [0%; 49%]

Test for overall effect: $z = -5.90$ ($P < .001$)

Test for subgroup differences: $\chi^2_1 = 0.89$ ($P = .34$)

−1 0 0.5 1

logHR estimate