## (95% CI) Source **Primary = Kidney** -4.52 [-7.50; -1.54] Mariathasan, n = 46Braun, n = 139-1.11 [-1.89; -0.33] Miao.1, n = 28-0.10 [-1.57; 1.37] -1.56 [-3.72; 0.61] Total Heterogeneity: $\chi_2^2 = 6.83 \ (P = .03), \ I^2 = 71\% \ [0\%; >91\%]$ Primary = Lung Fumet.2, n = 41-3.88 [-6.55; -1.21] Jung, n = 26-2.65[-4.86; -0.44]Fumet.1, n = 39-0.81 [-2.48; 0.86] -2.22 [-4.01; -0.42] Total Heterogeneity: $\chi_2^2 = 4.2 \ (P = .12), \ I^2 = 52\% \ [0\%; 86\%]$ **Primary = Other** Snyder, Ureteral, n = 22-2.04 [-4.18; 0.10] Mariathasan, Bladder, n = 133 - 1.95 [-2.77; -1.13]**Primary = Melanoma** -2.02 [-2.94; -1.10] Liu, n = 112Van Allen, n = 39-1.54[-3.01; -0.07]Riaz, n = 33**-1.14** [**-2.55**; 0.27] Nathanson, n = 24-1.08 [-2.59; 0.43] Hugo, n = 27-0.97 [-2.36; 0.42] -1.50 [-2.07; -0.93] Total Heterogeneity: $\chi_{A}^{2} = 2.33 \ (P = .68), \ I^{2} = 0\% \ [0\%; 79\%]$ -1.41[-1.86; -0.96]Total Heterogeneity: $\chi_{10}^2 = 15.22 \ (P = .12), \ I^2 = 34\% \ [0\%; 68\%]$ Test for overall effect: z = -6.14 (P < .001) -4-2024 Test for subgroup differences: $\chi_2^2 = 0.56$ (P = .75) Estimated logOR