| **S5 Table. Difference in response rates (95% CIs) of HVTN 111 – HVTN 100 and ratio of GM magnitudes (95% CIs) overall and among positive responders of HVTN 111/HVTN 100 of cellular responses by unadjusted and adjusted statistical methods.** The unadjusted estimates are based on empirical estimates from each study with nonparametric 95% CIs where these estimates do not account for baseline covariates. The adjusted estimates are based on TMLE, accounting for age, sex, and BMI. \*%pos = %CD4+ T cells expressing IFN-γ and/or IL-2. |
| --- |
| **Endpoint** | **Estimate** | **HVTN 111****Biojector arm** | **HVTN 111****needle arm** |
| **Unadjusted estimate (95% CI)** | **Adjusted estimate****(95% CI)** | **Unadjusted estimate (95% CI)** | **Adjusted estimate****(95% CI)** |
| **CD4+ Env.ZM96.C** | **Response rate****difference** | 36.4%(15.2%, 47.5%) | 38.6%(20.5%, 56.6%) | -9.2%(-27.8%, 10.6%) | -8.5%(-35.8%, 18.7%) |
| **GM ratio****%pos\*****(overall)** | 2.45(1.52, 3.95) | 2.42(1.64, 3.58) | 1.05(0.69, 1.61) | 1.07(0.64, 1.80) |
| **GM ratio****%pos\* (among positive responders)** | 1.27(0.85, 1.91) | 1.15(0.67, 1.98) | 1.14(0.69, 1.87) | 1.18(0.61, 2.31) |
| **CD4+ Env.1086.C** | **Response rate****difference** | 36.4%13.7%, 50.9%) | 44.9%(26.7%, 63.1% | 4.6%(-14.5%, 24.0%) | 14.3%(-12.9%, 41.4%) |
| **GM ratio****%pos\* (overall)** | 1.67(1.08, 2.58) | 1.78(1.22, 2.61) | 1.00(0.68, 1.47) | 1.13(0.70, 1.84) |
| **GM ratio****%pos\* (among positive responders)** | 0.91(0.61, 1.36) | 0.89(0.59, 1.35) | 0.90(0.58, 1.41) | 0.91(0.51, 1.61) |
| **CD4+ Env.TV1.C** | **Response rate****difference** | 15.2%(-7.8%, 31.3%) | 15.6%(-9.4%, 40.5%) | -0.5%(-20.5%,17.5%) | 4.7%(-21.8%, 31.2%) |
| **GM ratio****%pos\* (overall)** | 1.35(0.85, 2.12) | 1.21(0.74, 1.99) | 0.91(0.60, 1.36) | 0.98(0.60, 1.61) |
| **GM ratio****%pos\* (among positive responders)** | 1.05(0.69, 1.59) | 1.02(0.35, 3.00) | 0.98(0.65, 1.48) | 0.96(0.53, 1.77) |
| **CD4+ Gag-LAI/ZM96.C** | **Response rate****difference** | 57.8%(36.2%, 76.1%) | 53.3%(23.9%, 82.7%) | 20.0%(8.0%, 38.7%) | 24.4%(4.1%, 44.7%) |
| **GM ratio****%pos\* (overall)** | 2.20(1.74, 2.79) | 2.06(1.37, 3.09) | 1.24(1.02, 1.52) | 1.21(0.90, 1.63) |
| **GM ratio****%pos\* (among positive responders)** | 0.20(0.07, 0.63) | 0.09(0.00, 4.69) | 0.19(0.04, 0.96) | 0.21(0.01, 4.43) |