

SUPPLEMENTARY TABLE. Sensitivity analyses examining case definition uncertainties for mpox case-patients and sexually transmitted infection control patients — New York, 2022

| Sensitivity analysis | mpox case-patients | | STI control patients |
|---|--------------------|------------|------------------------|
| | No. (%) | No. (%) | VE (95% CI) |
| A. Exclude persons aged ≥50 years | | | |
| Total | 221 | 219 | -- |
| Unvaccinated | 201 (91.0) | 178 (81.3) | <i>ref.</i> |
| Vaccinated | | | |
| 0–13 days after first dose | 10 (4.5) | 7 (3.2) | < –100 (<–100 to 45.1) |
| ≥14 days after first dose | 8 (3.6) | 18 (8.2) | 69.8 (21.6 to 88.4) |
| ≥0 days after second dose | 2 (0.9) | 16 (7.3) | 87.3 (38.0 to 97.4) |
| ≥14 days after first dose or ≥0 days after second dose | 10 (4.5) | 34 (15.5) | 76.7 (47.4 to 89.7) |
| B. Include secondary syphilis in control group | | | |
| Total | 252 | 326 | -- |
| Unvaccinated | 230 (91.3) | 271 (83.1) | <i>ref.</i> |
| Vaccinated | | | |
| 0–13 days after first dose | 10 (4.0) | 10 (3.1) | –57.7 (<–100 to 45.2) |
| ≥14 days after first dose | 10 (4.0) | 24 (7.4) | 52.7 (–9.3 to 79.5) |
| ≥0 days after second dose | 2 (0.8) | 21 (6.4) | 84.2 (24.4 to 96.7) |
| ≥14 days after first dose or ≥ 0 days after second dose | 12 (4.8) | 45 (13.8) | 64.8 (26.7 to 83.1) |
| C. Limit controls to those testing because of symptoms or partner referral | | | |
| Total | 252 | 107 | -- |
| Unvaccinated | 230 (91.3) | 90 (84.1) | <i>ref.</i> |
| Vaccinated | | | |
| 0–13 days after first dose | 10 (4.0) | 2 (1.9) | –66.7 (<–100 to 67.9) |
| ≥14 days after first dose | 10 (4.0) | 10 (9.4) | 63.5 (–4.9 to 87.3) |
| ≥0 days after second dose | 2 (0.8) | 5 (4.7) | 64.0 (<–100 to 94.4) |
| ≥14 days after first dose or ≥ 0 days after second dose | 12 (4.8) | 15 (14.0) | 63.6 (8.0 to 85.6) |
| D. Limit to persons with known race and ethnicity | | | |
| Total | 243 | 212 | -- |
| Unvaccinated | 224 (92.2) | 170 (80.2) | <i>ref.</i> |
| Vaccinated | | | |
| 0–13 days after first dose | 9 (3.7) | 4 (1.9) | –44.2 (<–100 to 62) |
| ≥14 days after first dose | 8 (3.3) | 20 (9.4) | 75.7 (38.1 to 90.5) |
| ≥0 days after second dose | 2 (0.8) | 18 (8.5) | 88.8 (44.5 to 97.7) |
| ≥14 days after first dose or ≥0 days after second dose | 10 (4.1) | 38 (17.9) | 80.5 (56.1 to 91.3) |

Abbreviations: mpox = monkeypox; ref = referent; STI = sexually transmitted infection