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| **Serum Group** | **GMT** | | | | | | **Mean Omicron fold drop from** | | | | | | **Mean fold drop to WT** | | | | |
| **WT** | **Alpha** | **Beta** | **Gamma** | **Delta** | **Omicron** | **WT** | **Alpha** | **Beta** | **Gamma** | **Delta** | **Alpha** | | **Beta** | **Gamma** | **Delta** |
| **2x Vax** | 311 (234; 413) | 308 (174; 546) | 71 (47; 105) | 74 (26; 211) | 120 (84; 172) | 18 (14; 23) | 17 (14.1; 20.4) | 15.9 (9.6; 26.4) | 4.5 (3.5; 5.7) | 5.1 (3; 8.8) | 7 (5.7; 8.6) | 1.2 (0.8; 1.8) | | 5.8 (4.7; 7.1) | 3 (1.4; 6.5) | 2.8 (2.3; 3.3) |
| **3x Vax** | 1575 (1099; 2257) | 1272 (311; 5196) | 449 (246; 817) | NA (NA; NA) | 518 (278; 965) | 233 (156; 346) | 6.9 (5.7; 8.4) | 2.8 (1.6; 5.1) | 2.7 (2; 3.7) | 4.8 (NA; NA) | 4.3 (2.9; 6.3) | 1.4 (1.1; 1.9) | | 3.1 (2.3; 4.1) | NA (NA; NA) | 2.4 (1.9; 3.1) |
| **Inf + 2x Vax** | 2249 (1299; 3894) | 621 (356; 1081) | 468 (241; 908) | 148 (43; 508) | 829 (406; 1693) | 240 (126; 458) | 10.1 (7.2; 14.3) | 4.3 (1.8; 10.2) | 4.8 (2.3; 10) | 3.5 (2.7; 4.6) | 3.6 (2; 6.4) | 1.5 (0.9; 2.6) | | 3.4 (1.9; 6.1) | 3.4 (2.3; 5.2) | 2.4 (1.5; 4) |
| **2x Vax + Inf** | 1598 (778; 3280) | 3737 (1540; 9070) | 2803 (848; 9262) | 2195 (585; 8243) | 638 (368; 1108) | 128 (39; 418) | 11.8 (4.3; 32.9) | 6.9 (0.1; 468.9) | 4.8 (0.6; 41.8) | 0.8 (0; 20.4) | 5.1 (1.4; 18.2) | 0.9 (0.3; 2.4) | | 1.2 (0.2; 5.7) | 1 (0; 1000.5) | 2.6 (1.5; 4.6) |
| **WT conv** | 403 (252; 647) | 153 (35; 667) | 34 (14; 79) | 30 (7; 137) | 167 (75; 373) | 21 (14; 33) | 18 (13.1; 24.8) | 11.3 (4; 32.1) | 3.4 (1.6; 7.6) | 5.4 (0.7; 43.6) | 11.6 (5.7; 23.8) | 1.9 (1.3; 2.7) | | 7.4 (3.8; 14.3) | 2.7 (0.1; 124.9) | 2.2 (1.6; 3) |
| **Alpha conv** | 252 (41; 1553) | 209 (71; 614) | 41 (8; 202) | 24 (2; 300) | 71 (10; 506) | 9 (2; 41) | 27.7 (11.8; 64.9) | 35.4 (19.4; 64.7) | 7 (2.1; 22.9) | 7 (0.1; 977.6) | 8 (2.3; 27.3) | 0.6 (0.2; 2.3) | | 4.1 (1.4; 11.9) | 3.2 (0; 117496) | 3.4 (1.1; 10.4) |
| **Beta conv** | 38 (7; 200) | 32 (6; 182) | 69 (15; 312) | 8 (2; 37) | 20 (5; 82) | 6 (1; 40) | 6 (2.4; 15.3) | 9.7 (3.3; 28.5) | 20.8 (8.1; 53.3) | 8.3 (0; 5781282.2) | 3.1 (1.1; 8.5) | 0.9 (0.3; 2.7) | | 0.5 (0.2; 1) | 1.1 (0; 11152.9) | 2.3 (1; 5.4) |
| **Gamma conv** | 43 (23; 80) | 47 (16; 136) | 63 (23; 173) | 92 (46; 185) | 14 (4; 43) | 11 (3; 41) | 3.9 (0.5; 32.4) | 4.3 (0.9; 19.2) | 5.8 (2.2; 15.2) | 12.6 (0; 157172.1) | 1.2 (0.8; 2) | 0.9 (0.3; 2.9) | | 0.7 (0.2; 2.1) | 0.3 (0.1; 0.9) | 3.1 (0.6; 17) |
| **Delta conv** | 244 (48; 1242) | 103 (26; 409) | 47 (13; 167) | 16 (14; 19) | 1018 (231; 4482) | 46 (13; 160) | 5.3 (1.9; 14.3) | 5.6 (1.5; 21.1) | 2.6 (0.4; 15.8) | 2.2 (0; 49263.1) | 28.2 (12.3; 65) | 1.2 (0.5; 2.9) | | 3.2 (1; 10.3) | 1.7 (1.2; 2.5) | 0.2 (0.1; 0.5) |