Supplemental table 1. Relationship of symptom severity associated with SARS-CoV-2 infection prior to vaccination by vaccination group.

|  | **Control, COVID naive** | **Control, prior COVID** | **NH, COVID naive** | **NH, prior COVID** | **Unvaccinated comparator** |
| --- | --- | --- | --- | --- | --- |
| nSubjects | 76 | 34 | 90 | 59 | 22 |
| AgeMeanSD | 49 +/- 11 | 49 +/- 12 | 78 +/- 11 | 78 +/- 10 | 46 +/- 13 |
| AgeMedianIQRSD | 48 (39, 56) | 50 (39, 57) | 76 (70, 87) | 77 (71, 87) | 53 (36, 56) |
| AgeRange | 26-78 | 31-78 | 48-99 | 61-99 | 25-61 |
| COVIDnaive | 76 (100%) | 0 (0%) | 90 (100%) | 0 (0%) | 0 (0%) |
| priorCOVID | 0 (0%) | 34 (100%) | 0 (0%) | 59 (100%) | 22 (100%) |
| WHO\_severity\_Asymp | 0 (0%) | 3 (9%) | 0 (0%) | 6 (10%) | 0 (0%) |
| WHO\_severity\_1 | 0 (0%) | 3 (9%) | 0 (0%) | 4 (7%) | 9 (41%) |
| WHO\_severity\_2 | 0 (0%) | 10 (29%) | 0 (0%) | 14 (24%) | 12 (55%) |
| WHO\_severity\_3 | 0 (0%) | 1 (3%) | 0 (0%) | 2 (3%) | 1 (5%) |
| WHO\_severity\_4plus | 0 (0%) | 0 (0%) | 0 (0%) | 2 (3%) | 0 (0%) |
| WHO\_severity\_unknown# | NA | 17 (50%) | NA | 31 (53%) | 0 (0%) |

#Unknown status: Almost all of these were determined to have prior infection by serostatus alone and it is not known when they were infected to determine if they had symptoms or not.