

Protection provided by covid-19 vaccines and previous infection against the Omicron variant

Supplementary Material 2 – Results of Statistical Estimation

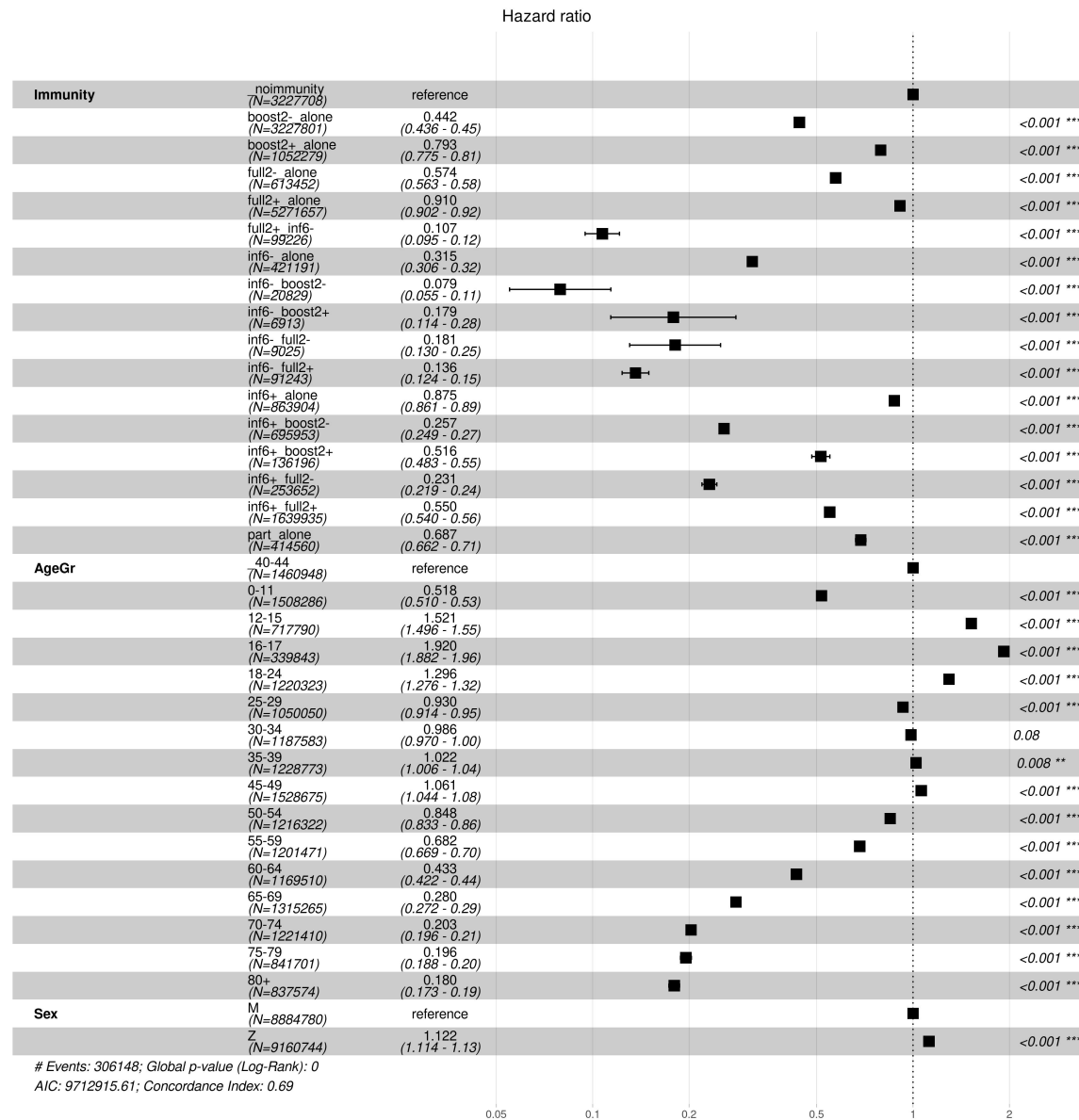
February 26, 2022 *

This material contains results of the analyses by Cox Regression (1–14) and Logistic Regression (15–19). The output information of the former include a forest plot of hazard ratios (the VE's and the protections can be computed by subtraction from one) and tables with the numbers of individuals¹ entering the study with the individual immunity statuses and the outcome numbers among people with the corresponding immunity statuses. The results of logistic regressions include forest plots of individual covariates and, in particular, the odds ratios between variants.

*Minor corrections on July 24,22: (i) Wrong numbers of events in tables 7–10 corrected, (ii) rare categories grouped in Secs 16–19 to avoid the R's misleading reporting of zero event categories, (iii) typos and reformulations in the preamble corrected and an explanatory footnote added.

¹Only the individuals from the IHIS database are recorded here.

1 Infections by Vaccines - Omicron



VaccStatus	entered	events
_novacc	1366804	138181
Afull1	0	0
Afull2	42070	19
Afull3	327448	2124
Jfull1	133895	1913
Jfull2	102842	2634
Jfull3	102991	2976
Mboost1	107756	4693
Mboost2	94	922
Mfull1	17783	814
Mfull2	46059	539
Mfull3	290289	5281
Mpart1	15465	229
Mpart2	1657	17
Pboost1	763213	31034
Pboost2	5745	8836
Pfull1	189098	10508
Pfull2	1107386	8252
Pfull3	2822619	84705
Ppart1	153530	2492
Ppart2	12616	188
other	0	0

InfPrior	entered	events
_noinf	6029372	260856
inf1	33104	5640
inf2	570401	2908
inf3	867535	22422
inf4+	108948	14531
other	0	0