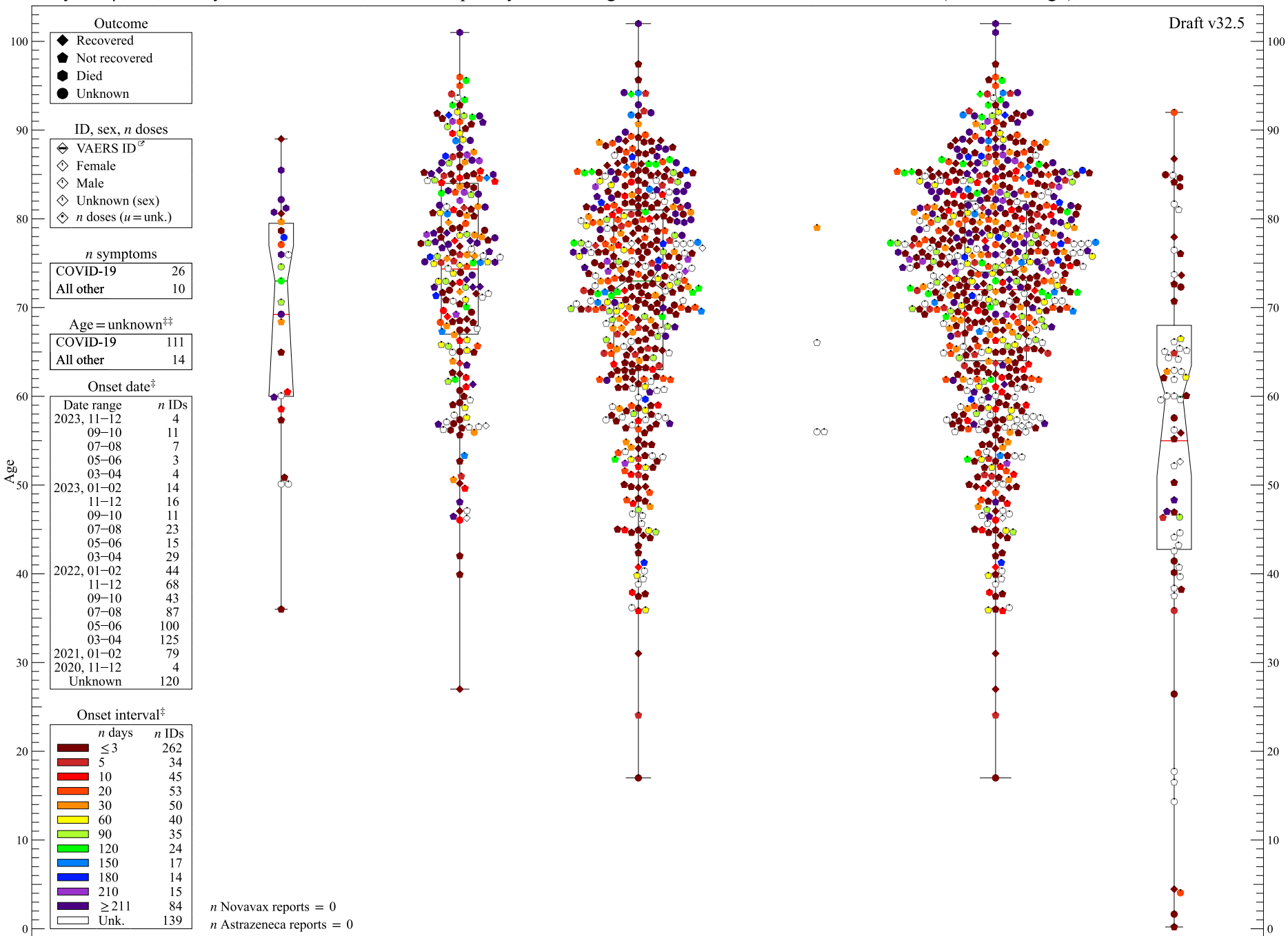


Amyloid- β , tau, & α -synuclein disorders; Parkinson-plus syndromes: age & vaccine distribution, VAERS data* (U.S. & foreign), 1990.07–2024.08.30[†]



	Janssen COVID-19	Moderna COVID-19	Pfizer/BioNTech COVID-19	Unknown manufacturer COVID-19	All COVID-19 2020.12.14–2024.08.30	All non-COVID-19 1990.07–2020.12.13
<i>n</i> VAERS IDs	32	229	547	4	812	82
μ , Mean ^{‡‡} —	69.2	74.3	71.1	64.2	72.0	55.0
\hat{x} , Median ^{‡‡} —	73.0	76.0	73.0	61.0	74.0	60.0
σ , Standard deviation ^{‡‡}	13.0	12.7	13.4	10.9	13.3	21.8
γ , Skewness ^{‡‡}	−0.7	−0.7	−0.8	1.1	−0.7	−0.7
<i>n</i> Hospitalized	8	79	202	2	291	18
<i>n</i> Life threatening	9	51	94	0	154	8
<i>n</i> Recovered	2	30	43	0	75	6
<i>n</i> Not recovered	17	136	363	3	519	41
<i>n</i> Died	7	40	56	0	103	4

[†]Terms queried in SYMPT. 1–5 include: amyloidosis, Alzh., cerebral amyloid angiopathy, corticobasal degeneration, dementia w/ LB, MSA, PD, & progressive supranuclear palsy. [‡]Onset of symptoms post vaccine. *n* IDs are all CV-19. ^{‡‡}NLP was used to extract age values from SYMPTOM TEXT and fill in missing data. Remaining reports with unknown age are neither plotted, nor included in calculations, but are included in subtotals. ^{‡‡‡}Symbols link to OpenVAERS. *VAERS disclaimer (excerpts): "... VAERS is designed to rapidly detect unusual or unexpected patterns of adverse events, also known as 'safety signals'." "The inclusion of events in VAERS data does not infer causality." vaers.hhs.gov