



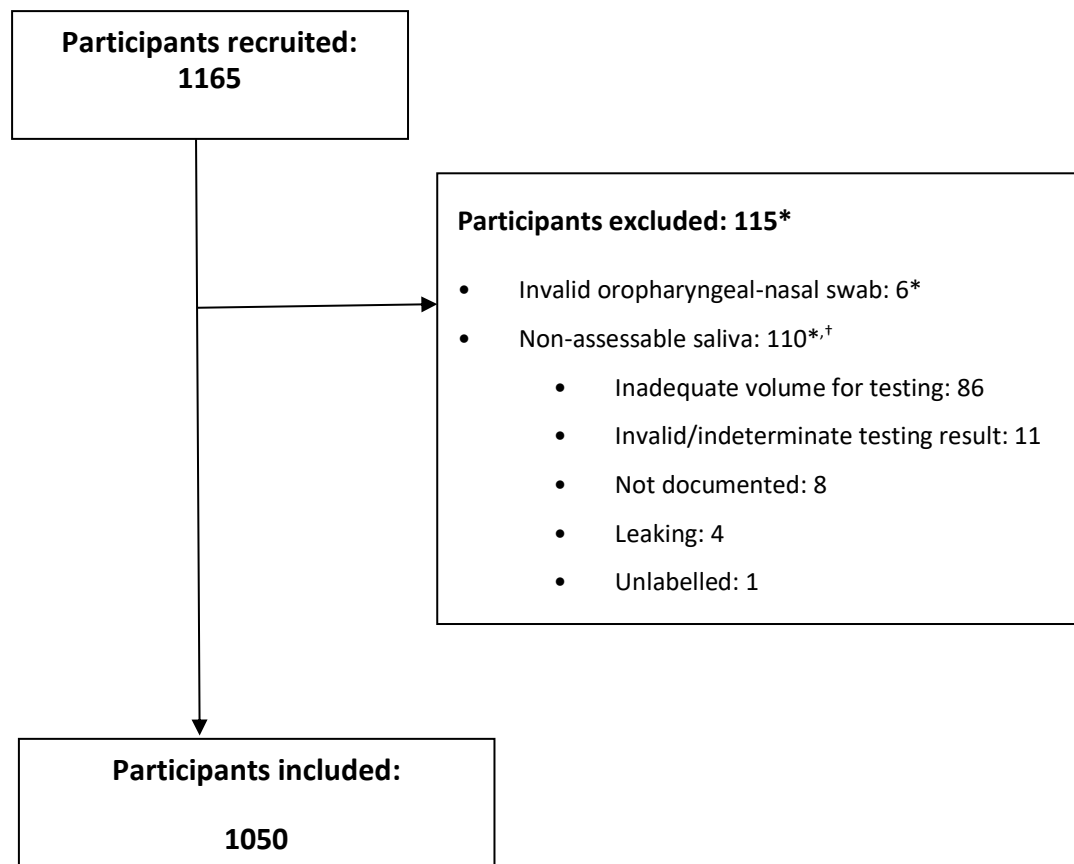
## **Supporting Information**

### **Supplementary methods and results**

**This appendix was part of the submitted manuscript and has been peer reviewed.  
It is posted as supplied by the authors.**

Appendix to: Oliver J, Tosif S, Lee LY, et al. Adding saliva testing to oropharyngeal and deep nasal swab testing increases PCR detection of SARS-CoV-2 in primary care and children. *Med J Aust* 2021; doi: 10.5694/mja2.51188.

Figure. Participant recruitment and reasons for exclusion



\* Both the saliva and combined oropharyngeal and bilateral deep nasal swab results were non-assessable for one excluded participant.

† Of the 110 specimen pairs with non-assessable saliva specimens:

- 108 paired oropharyngeal-nasal swabs were SARS-CoV-2-negative;
- one paired oropharyngeal-nasal swab was SARS-CoV-2-positive;
- one paired oropharyngeal-nasal swab was non-assessable.

**Table 1. SARS-CoV-2 testing results for 1050 participants, by age group and testing laboratory**

**All participants**

	<b>Oropharyngeal-nasal swab</b>		
<b>Saliva</b>	Detected	Not detected	Total
Detected	19	20	39
Not detected	15	996	1011
Total	34	1016	1050

**People aged 10 years old or more**

	<b>Oropharyngeal-nasal swab</b>		
<b>Saliva</b>	Detected	Not detected	Total
Detected	17	13	30
Not detected	5	839	844
Total	22	852	874

**Children under 10 years of age**

	<b>Oropharyngeal-nasal swab</b>		
<b>Saliva</b>	Detected	Not detected	Total
Detected	2	7	9
Not detected	10	157	167
Total	12	164	176

**Royal Children's Hospital laboratory**

	<b>Oropharyngeal-nasal swab</b>		
<b>Saliva</b>	Detected	Not detected	Total
Detected	11	17	28
Not detected	12	261	273
Total	23	278	301

**Microbiological Diagnostic Unit laboratory**

	<b>Oropharyngeal-nasal swab</b>		
<b>Saliva</b>	Detected	Not detected	Total
Detected	8	3	11
Not detected	3	735	738
Total	11	738	749

**Table 2. SARS-CoV-2 detection in paired saliva and oropharyngeal-nasal swab compared with detection in a single specimen, by specimen type**

	Number of cases	Detected in swab	Detected in saliva only	<i>P</i>	Detected in saliva	Detected in swab only	<i>P</i>
All specimens	54	34	20	< 0.001	39	15	0.001
Age							
< 10 years	19	12	7	0.008	9	10	0.002
≥ 10 years	35	22	13	< 0.001	30	5	0.025
Sex							
Males	30	21	9	0.003	21	9	0.003
Females	20	10	10	0.002	14	6	0.047
Unknown	4	3	1	0.32	4	0	
Symptomatic							
Yes	19	11	8	0.005	16	3	0.08
No	19	10	9	0.003	10	9	0.003
Unknown	16	13	3	0.08	13	3	0.08

*P* values derived from McNemar tests.