NP swab	0	02	030	2	9 0	30	28	10	50	88	8	110	20	80	3	4 1	20	10	30	46	10	30	1 1	2		1	1	2	2	1]		1	1			1										1				
OP swab	0	3	۲	6		1 3	20	20	3	5 3		6	50	73	4 3	1	5 2					1	1	1	1	11	1	1	1	1 0		0	1	0) ()	0	00	0		0		1									
IP OP swab	0	0	•	0	3 (3 6) (10				0 0	1		10	10	1 0	0	10		0	1 0	01	0		•1	01	0	1	00	1 0																			
sputum	2	2	62		2		20	20	20	060	60	70	30	80	70	1	5	3 🕐	10	70	50	20	7 7	5	26	97		2	5	6 2	2	1	3]	1	2	4			2	2	2		0	0	1	1	1	1	1
stool			•	0	Ð (1	10		0	0	1	9 3	23	10	2 ()	4 3	20	10	6 3	3 5	1	4	6	6	5	5	2	5 3] [3]	1]	1	1	1			1	1	1				1				
anal swab			۲							1			1									0					1		1	1			1				1					2	1								
blood			۲		0	2 3	0	2	2	3	2	2	1	1			2]																																	
urine						0	D			1												1																													
0 ays) ×	•			5			ť.		10				- 1	5.				2	0		1		25					30				35			+		40	1	+		*	45	*	8		50			• •	55
NP swab	01	0	۲		2 0	20	20	2 0	20	36	30	20	60	30			10	5 0	5 4	40	80	50	3 2		1		1		3	2	3] [1	1] [1]				2	1		1		1	0	0		2	1		
OP swab		0	1	0 0	10	10	10	20	30	000	20	1	10	30	30	10	10	60	10	10	60	50	3 1	2	1	0	2	0	3	3 0		1	1	10]				02	1	0	0	1		0	0	3	2			1
P+OP swab					(0 0	0 0	D (0	I 1	0) (0	0 () (0) @	0 6	0 6	0 6	0 6	0 0	0		1		0		0	0 0) (0	0	0) ()	0	0	0	1	0											
sputum								9	1	0 0			20	10	2 0	0	2 🕑	20	10	20	4 0	30	101		02	01		•) 2		D]	4			2			2	1	2	0	0			2		
stool				3	D	0 0		0 0	0 0	20	1	20	10	22	30	1 🛈	1 2] ②		0 0	0	0	101		0	Z	2	2	1	2		1		2] 🖸	2	1			1					0	0					
anal swab			•			0	0 0	1	1 0		3	3 [3	2 (1	0		0	1	2			۲	1	2	12	1	1 0		0	1	0	1 0	0	۲	01	0	0	0	11	1				2	2			1
blood		0	0		E	10	10	10	20	120	00	000	30	30	90	10	10	6	0	10	20	40	100				1	1			1 🗉] [5	2]	2	2			1				3				4	2			1
urine			0		0 (0 0	20		00	00	1 0	10	40	10	10	3 0	2 1	0	20	10	0	3 3	01																											

Number of samples from patients with: O mild symptoms (1412 samples from 159 patients total) 🔲 servere symptoms (1094 samples from 41 patients total)

Figure. Aggregated RT-PCR results in different sample types (n=2506) by days post-illness onset in patients (n=200) with mild or severe COVID-19 symptoms.

The number of samples with and without detectable SARS-CoV-2 RNA are aggregated by sample type, collection day post-illness onset and disease severity. Sampling for patients with symptoms or clinical course described in the original publications as mild, moderate, common, or typical are shown in circles: a total of 1412 samples from 159 adults. Sampling for severe or critically ill and/or admitted to the ICU are shown in squares: a total of 1094 samples from 41 adults. Asymptomatic patients were excluded. Sample types are as follows: NP swab (nasopharyngeal/midturbinate/nasal swab), OP swab (oropharyngeal/throat swab), NP+OP swab (both swabs collected in one tube or results published aggregated), sputum (induced/spontaneous sputum), stool, anal swab (anal/rectal swab), blood (serum, plasma, whole blood or not specified), urine.

© Stanoeva and Reusken. 2020