

**Supplementary Table S1.** Median and IQR of anti-SARS-CoV-2 Spike, anti-SARS-CoV-2 RBD, and neutralizing antibody fold rise on days 28, 60, 90, and 180 in healthy people.

	Day 28		Day 60		Day 90		Day 180	
	Median (IQR)	P	Median (IQR)	P	Median (IQR)	P	Median (IQR)	P
Anti-SARS-CoV-2 Spike antibody median fold rise (IQR)								
Age								
≤ 40	1.84 (1.62)	0.28	1.03 (3.12)	0.17	0.80 (2.06)	0.12	0.64 (2.41)	0.04
> 40	4.08 (24.58)		4.75 (16.27)		1.39 (9.66)		3.14 (10.32)	
Gender								
Female	2.19 (3.62)	0.9	1.58 (6.88)	0.99	0.88 (2.44)	0.69	1.22 (3.95)	0.77
Male	3.07 (26.53)		2.11 (26.61)		1.27 (12.17)		2.11 (15.05)	
COVID-19 History								
No	2.04 (12.24)	0.2	1.75 (10.06)	0.4	1.24 (7.58)	0.37	1.24 (8.90)	0.98
Yes	3.12 (70.67)		7.70 (14.05)		0.81 (2.23)		2.14 (2.93)	
Booster								
BP	2.55 (20.21)	0.39	3.34 (26.99)	0.17	3.50 (8.80)	0.11	4.08 (8.42)	0.26
BPa	2.71 (31.53)		1.53 (11.34)		0.74 (1.61)		1.15 (2.43)	
BB	2.28 (4.78)		2.11 (7.26)		1.22 (5.35)		2.76 (8.69)	
Anti-SARS-CoV-2 Neutralizing antibody median fold rise (IQR)								
Age								
≤ 40	1.01 (0.05)	0.09	1.05 (0.06)	0.10	1.02 (0.20)	0.18	1.01 (0.16)	0.11
> 40	1.15 (1.22)		1.2 (1.07)		1.19 (1.51)		1.43 (2.05)	
Gender								
Female	1.04 (0.13)	0.39	1.05 (0.16)	0.76	1.04 (0.27)	0.57	1.04 (0.22)	0.68
Male	1.77 (2.00)		1.39 (2.00)		1.13 (2.07)		1.8 (2.20)	
COVID-19 History								
No	1.08 (1.01)	0.07	1.09 (0.86)	0.06	1.07 (1.09)	0.48	1.05 (1.07)	0.90
Yes	1.01 (0.74)		1.05 (0.96)		1.03 (1.55)		1.01 (1.89)	
Booster								
BP	1.49 (5.38)	0.06	1.51 (5.11)	0.04	1.56 (5.29)	0.11	1.44 (5.81)	0.32
BPa	1.05 (0.51)		1.06 (0.71)		1.00 (0.82)		1.02 (0.71)	
BB	1.04 (0.46)		1.02 (0.40)		1.12 (0.84)		1.14 (1.48)	
Anti-SARS-CoV-2 RBD antibody median fold rise (IQR)								
Age								
≤ 40	1.84 (2.62)	0.52	0.51(4.95)	0.19	0.40 (1.90)	0.17	0.46 (4.07)	0.11
> 40	2.69 (13.33)		2.69 (13.33)		1.56 (8.47)		1.09 (6.41)	
Gender								
Female	1.88 (5.10)	0.16	2.12 (5.48)	0.66	0.85 (45.30)	0.88	1.04 (0.22)	0.89
Male	3.46 (136.07)		1.35 (22.53)		0.80 (13.79)		1.84 (2.20)	
COVID-19 History								
No	2.82 (20.89)	0.02	2.12 (8.96)	0.01	1.56 (8.69)	0.02	0.89 (5.14)	0.13
Yes	1.17 (0.91)		0.47 (2.49)		0.19 (0.44)		0.31 (0.81)	
Booster								
BP	6.81 (155.93)	0.02	5.64 (25.34)	0.07	5.20 (8.31)	0.10	2.17 (6.09)	0.16

BPa	2.02 (11.16)	1.66 (5.60)	0.85 (3.67)	0.52 (1.09)
BB	1.49 (4.67)	0.61 (5.51)	0.51 (4.43)	0.80 (24.65)

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HC: healthy control. BP: BBIBP-CorV /PastoCovac-Plus, BPa: BBIBP-CorV /PastoCovac, BB: BBIBP-CorV /BBIBP-CorV .  
 Bold P values are shown as significant.