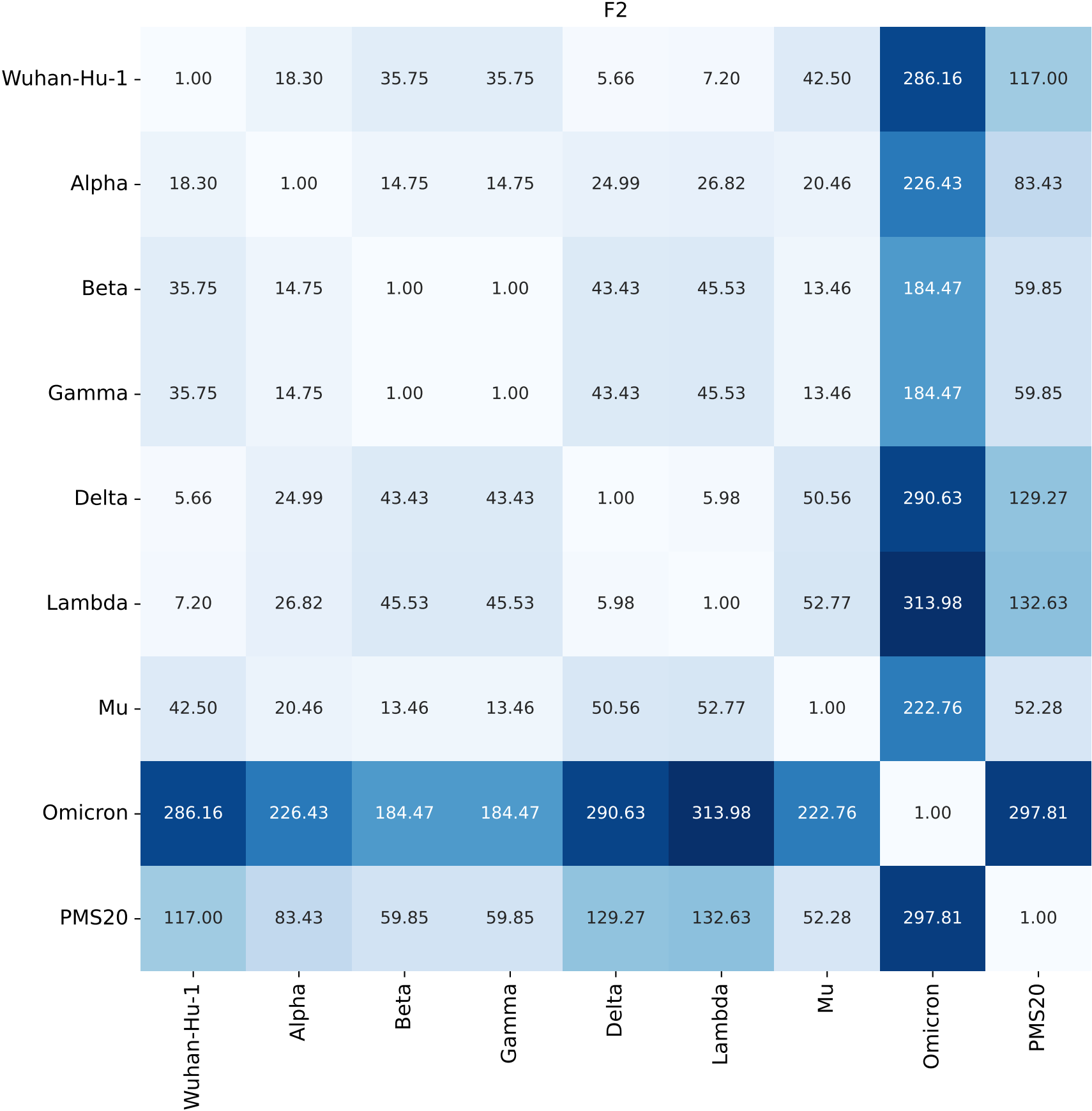


		F1								
Wuhan-Hu-1 -		1.00	24.70	41.81	41.81	38.77	33.19	50.03	576.59	210.27
Alpha -		24.70	1.00	13.72	13.72	73.04	66.09	20.31	442.57	148.81
Beta -		41.81	13.72	1.00	1.00	96.79	88.88	10.34	377.10	118.78
Gamma -		41.81	13.72	1.00	1.00	96.79	88.88	10.34	377.10	118.78
Delta -		38.77	73.04	96.79	96.79	1.00	16.14	108.19	675.92	330.54
Lambda -		33.19	66.09	88.88	88.88	16.14	1.00	99.82	801.13	313.24
Mu -		50.03	20.31	10.34	10.34	108.19	99.82	1.00	426.45	106.81
Omicron -		576.59	442.57	377.10	377.10	675.92	801.13	426.45	1.00	597.86
PMS20 -		210.27	148.81	118.78	118.78	330.54	313.24	106.81	597.86	1.00
		Wuhan-Hu-1 -	Alpha -	Beta -	Gamma -	Delta -	Lambda -	Mu -	Omicron -	PMS20 -





A									
Wuhan-Hu-1	1.00	8.92	56.36	56.36	2.21	12.32	45.96	262.74	255.10
Alpha	8.92	1.00	43.56	43.56	11.33	22.34	34.00	233.03	226.02
Beta	56.36	43.56	1.00	1.00	59.82	75.62	57.86	131.99	127.10
Gamma	56.36	43.56	1.00	1.00	59.82	75.62	57.86	131.99	127.10
Delta	2.21	11.33	59.82	59.82	1.00	12.54	49.18	262.02	262.95
Lambda	12.32	22.34	75.62	75.62	12.54	1.00	63.94	307.42	298.84
Mu	45.96	34.00	57.86	57.86	49.18	63.94	1.00	266.22	143.29
Omicron	262.74	233.03	131.99	131.99	262.02	307.42	266.22	1.00	352.11
PMS20	255.10	226.02	127.10	127.10	262.95	298.84	143.29	352.11	1.00
	Wuhan-Hu-1	Alpha	Beta	Gamma	Delta	Lambda	Mu	Omicron	PMS20

Wuhan-Hu-1	1.00	3.63	28.57	28.57	12.04	28.46	34.21	126.88	103.96
Alpha	3.63	1.00	24.07	24.07	16.10	33.13	29.51	118.93	96.81
Beta	28.57	24.07	1.00	1.00	44.05	65.17	16.81	76.46	58.63
Gamma	28.57	24.07	1.00	1.00	44.05	65.17	16.81	76.46	58.63
Delta	12.04	16.10	44.05	44.05	1.00	32.89	50.36	119.32	128.51
Lambda	28.46	33.13	65.17	65.17	32.89	1.00	72.41	191.46	162.02
Mu	34.21	29.51	16.81	16.81	50.36	72.41	1.00	106.11	51.97
Omicron	126.88	118.93	76.46	76.46	119.32	191.46	106.11	1.00	155.75
PMS20	103.96	96.81	58.63	58.63	128.51	162.02	51.97	155.75	1.00
	Wuhan-Hu-1	Alpha	Beta	Gamma	Delta	Lambda	Mu	Omicron	PMS20

C									
Wuhan-Hu-1	1.00	3.91	70.51	70.51	27.18	69.02	109.41	216.88	237.17
Alpha	3.91	1.00	64.10	64.10	32.15	75.63	101.53	204.96	224.50
Beta	70.51	64.10	1.00	1.00	116.86	188.21	28.61	85.84	97.74
Gamma	70.51	64.10	1.00	1.00	116.86	188.21	28.61	85.84	97.74
Delta	27.18	32.15	116.86	116.86	1.00	39.13	166.33	284.97	328.82
Lambda	69.02	75.63	188.21	188.21	39.13	1.00	253.94	435.60	469.90
Mu	109.41	101.53	28.61	28.61	166.33	253.94	1.00	139.01	61.01
Omicron	216.88	204.96	85.84	85.84	284.97	435.60	139.01	1.00	222.03
PMS20	237.17	224.50	97.74	97.74	328.82	469.90	61.01	222.03	1.00
	Wuhan-Hu-1	Alpha	Beta	Gamma	Delta	Lambda	Mu	Omicron	PMS20

D1									
Wuhan-Hu-1	1.00	14.15	43.14	43.14	38.96	59.84	101.92	365.50	222.14
Alpha	14.15	1.00	25.39	25.39	58.63	82.46	76.88	307.78	182.20
Beta	43.14	25.39	1.00	1.00	98.91	128.79	49.67	225.20	125.06
Gamma	43.14	25.39	1.00	1.00	98.91	128.79	49.67	225.20	125.06
Delta	38.96	58.63	98.91	98.91	1.00	32.77	180.59	460.37	347.66
Lambda	59.84	82.46	128.79	128.79	32.77	1.00	222.74	644.03	414.90
Mu	101.92	76.88	49.67	49.67	180.59	222.74	1.00	386.72	59.54
Omicron	365.50	307.78	225.20	225.20	460.37	644.03	386.72	1.00	558.72
PMS20	222.14	182.20	125.06	125.06	347.66	414.90	59.54	558.72	1.00
	Wuhan-Hu-1	Alpha	Beta	Gamma	Delta	Lambda	Mu	Omicron	PMS20

D2									
Wuhan-Hu-1	1.00	60.95	88.11	88.11	5.13	7.33	132.39	780.12	394.39
Alpha	60.95	1.00	16.88	16.88	69.20	72.75	44.39	446.84	207.17
Beta	88.11	16.88	1.00	1.00	97.76	101.91	26.02	367.87	162.82
Gamma	88.11	16.88	1.00	1.00	97.76	101.91	26.02	367.87	162.82
Delta	5.13	69.20	97.76	97.76	1.00	5.84	144.30	792.56	419.74
Lambda	7.33	72.75	101.91	101.91	5.84	1.00	149.43	844.66	430.64
Mu	132.39	44.39	26.02	26.02	144.30	149.43	1.00	489.60	112.75
Omicron	780.12	446.84	367.87	367.87	792.56	844.66	489.60	1.00	712.64
PMS20	394.39	207.17	162.82	162.82	419.74	430.64	112.75	712.64	1.00
	Wuhan-Hu-1	Alpha	Beta	Gamma	Delta	Lambda	Mu	Omicron	PMS20

E1									
Wuhan-Hu-1	1.00	17.43	41.32	41.32	16.09	23.07	71.39	462.66	267.26
Alpha	17.43	1.00	20.34	20.34	36.32	44.51	45.95	379.16	212.76
Beta	41.32	20.34	1.00	1.00	64.05	73.91	43.67	298.16	159.88
Gamma	41.32	20.34	1.00	1.00	64.05	73.91	43.67	298.16	159.88
Delta	16.09	36.32	64.05	64.05	1.00	11.01	98.96	523.75	326.33
Lambda	23.07	44.51	73.91	73.91	11.01	1.00	110.92	592.45	351.97
Mu	71.39	45.95	43.67	43.67	98.96	110.92	1.00	472.03	114.28
Omicron	462.66	379.16	298.16	298.16	523.75	592.45	472.03	1.00	530.99
PMS20	267.26	212.76	159.88	159.88	326.33	351.97	114.28	530.99	1.00
	Wuhan-Hu-1	Alpha	Beta	Gamma	Delta	Lambda	Mu	Omicron	PMS20

E3									
Wuhan-Hu-1	1.00	10.86	37.95	37.95	4.13	5.68	39.66	198.20	113.78
Alpha	10.86	1.00	24.43	24.43	15.44	17.16	25.97	168.98	92.84
Beta	37.95	24.43	1.00	1.00	43.65	45.78	17.11	116.17	54.97
Gamma	37.95	24.43	1.00	1.00	43.65	45.78	17.11	116.17	54.97
Delta	4.13	15.44	43.65	43.65	1.00	7.88	45.43	192.13	122.62
Lambda	5.68	17.16	45.78	45.78	7.88	1.00	47.59	215.14	125.92
Mu	39.66	25.97	17.11	17.11	45.43	47.59	1.00	153.16	53.08
Omicron	198.20	168.98	116.17	116.17	192.13	215.14	153.16	1.00	152.78
PMS20	113.78	92.84	54.97	54.97	122.62	125.92	53.08	152.78	1.00
	Wuhan-Hu-1	Alpha	Beta	Gamma	Delta	Lambda	Mu	Omicron	PMS20

F1									
Wuhan-Hu-1	1.00	24.70	41.81	41.81	38.77	33.19	50.03	576.59	210.27
Alpha	24.70	1.00	13.72	13.72	73.04	66.09	20.31	442.57	148.81
Beta	41.81	13.72	1.00	1.00	96.79	88.88	10.34	377.10	118.78
Gamma	41.81	13.72	1.00	1.00	96.79	88.88	10.34	377.10	118.78
Delta	38.77	73.04	96.79	96.79	1.00	16.14	108.19	675.92	330.54
Lambda	33.19	66.09	88.88	88.88	16.14	1.00	99.82	801.13	313.24
Mu	50.03	20.31	10.34	10.34	108.19	99.82	1.00	426.45	106.81
Omicron	576.59	442.57	377.10	377.10	675.92	801.13	426.45	1.00	597.86
PMS20	210.27	148.81	118.78	118.78	330.54	313.24	106.81	597.86	1.00
	Wuhan-Hu-1	Alpha	Beta	Gamma	Delta	Lambda	Mu	Omicron	PMS20

F2									
Wuhan-Hu-1	1.00	18.30	35.75	35.75	5.66	7.20	42.50	286.16	117.00
Alpha	18.30	1.00	14.75	14.75	24.99	26.82	20.46	226.43	83.43
Beta	35.75	14.75	1.00	1.00	43.43	45.53	13.46	184.47	59.85
Gamma	35.75	14.75	1.00	1.00	43.43	45.53	13.46	184.47	59.85
Delta	5.66	24.99	43.43	43.43	1.00	5.98	50.56	290.63	129.27
Lambda	7.20	26.82	45.53	45.53	5.98	1.00	52.77	313.98	132.63
Mu	42.50	20.46	13.46	13.46	50.56	52.77	1.00	222.76	52.28
Omicron	286.16	226.43	184.47	184.47	290.63	313.98	222.76	1.00	297.81
PMS20	117.00	83.43	59.85	59.85	129.27	132.63	52.28	297.81	1.00
	Wuhan-Hu-1	Alpha	Beta	Gamma	Delta	Lambda	Mu	Omicron	PMS20

F3									
Wuhan-Hu-1	1.00	38.01	88.85	88.85	6.20	6.00	74.79	772.70	241.66
Alpha	38.01	1.00	36.84	36.84	46.57	46.28	26.65	532.36	147.57
Beta	88.85	36.84	1.00	1.00	100.56	100.17	38.44	362.12	80.92
Gamma	88.85	36.84	1.00	1.00	100.56	100.17	38.44	362.12	80.92
Delta	6.20	46.57	100.56	100.56	1.00	4.21	85.63	787.67	262.85
Lambda	6.00	46.28	100.17	100.17	4.21	1.00	85.27	825.03	262.15
Mu	74.79	26.65	38.44	38.44	85.63	85.27	1.00	539.75	95.47
Omicron	772.70	532.36	362.12	362.12	787.67	825.03	539.75	1.00	455.23
PMS20	241.66	147.57	80.92	80.92	262.85	262.15	95.47	455.23	1.00
	Wuhan-Hu-1	Alpha	Beta	Gamma	Delta	Lambda	Mu	Omicron	PMS20