

Supplementary Information: Phenylalanine metabolism and tetrahydrobiopterin bio-availability in COVID-19 and HIV

Table S1. All correlations output

Group	x	r	p	r.1	FDRp
-	-	-			
All COVID HIV-	ROX.Severe	Valine	0.1274	0.21	0.3575
All COVID HIV+	ROX.Severe	Valine	0.7452	-0.1	0.8675
All COVID HIV-	ROX.Severe	Isoleucine	0.2233	0.17	0.5098
All COVID HIV+	ROX.Severe	Isoleucine	0.1882	- 0.37	0.4753
All COVID HIV-	ROX.Severe	Leucine	0.1296	0.21	0.3575
All COVID HIV+	ROX.Severe	Leucine	0.4336	- 0.23	0.7134
All COVID HIV-	ROX.Severe	Tyrosine	0.0434	0.28	0.1715
All COVID HIV+	ROX.Severe	Tyrosine	0.4846	-0.2	0.7604
All COVID HIV-	ROX.Severe	Phenylalanine	0.0073	0.37	0.0368
All COVID HIV+	ROX.Severe	Phenylalanine	0.5028	0.2	0.7632
All COVID HIV-	ROX.Severe	KA	0.0607	- 0.26	0.2128
All COVID HIV+	ROX.Severe	KA	0.3449	- 0.27	0.6154
All COVID HIV-	ROX.Severe	Tryptophane	0.2409	- 0.17	0.5098
All COVID HIV+	ROX.Severe	Tryptophane	0.1985	0.37	0.4753
All COVID HIV-	ROX.Severe	Fischers	0.1211	- 0.22	0.3554
All COVID HIV+	ROX.Severe	Fischers	0.5593	- 0.17	0.8079
All COVID HIV-	ROX.Severe	Phe:Tyr	0.096	0.23	0.2963
All COVID HIV+	ROX.Severe	Phe:Tyr	0.0631	0.51	0.2128
All COVID HIV-	Valine	Isoleucine	0	0.9	0

All COVID HIV+	Valine	Isoleucine	0	0.93	0
All COVID HIV-	Valine	Leucine	0	0.95	0
All COVID HIV+	Valine	Leucine	0	0.9	0.0001
All COVID HIV-	Valine	Tyrosine	0.0009	0.45	0.0065
All COVID HIV+	Valine	Tyrosine	0.2328	- 0.34	0.5098
All COVID HIV-	Valine	Phenylalanine	0.0898	0.24	0.2918
All COVID HIV+	Valine	Phenylalanine	0.926	0.03	0.9685
All COVID HIV-	Valine	KA	0.9564	- 0.01	0.9779
All COVID HIV+	Valine	KA	0.6443	- 0.14	0.8222
All COVID HIV-	Valine	Tryptophane	0.7247	- 0.05	0.8675
All COVID HIV+	Valine	Tryptophane	0.871	- 0.05	0.9325
All COVID HIV-	Valine	Fischers	0.0035	0.4	0.0189
All COVID HIV+	Valine	Fischers	0.0028	0.73	0.0162
All COVID HIV-	Valine	Phe:Tyr	0.3258	- 0.14	0.5929
All COVID HIV+	Valine	Phe:Tyr	0.2791	0.31	0.5521
All COVID HIV-	Isoleucine	Leucine	0	0.93	0
All COVID HIV+	Isoleucine	Leucine	0	0.92	0.0001
All COVID HIV-	Isoleucine	Tyrosine	0.0614	0.26	0.2128
All COVID HIV+	Isoleucine	Tyrosine	0.3736	- 0.26	0.6538
All COVID HIV-	Isoleucine	Phenylalanine	0.2403	0.17	0.5098
All COVID HIV+	Isoleucine	Phenylalanine	0.7123	- 0.11	0.8642
All COVID HIV-	Isoleucine	KA	0.5032	- 0.09	0.7632
All COVID HIV+	Isoleucine	KA	0.6506	0.13	0.8222

All COVID HIV-	Isoleucine	Tryptophane	0.6441	- 0.07	0.8222
All COVID HIV+	Isoleucine	Tryptophane	0.5766	- 0.16	0.8199
All COVID HIV-	Isoleucine	Fischers	0.0001	0.5	0.0013
All COVID HIV+	Isoleucine	Fischers	0.0028	0.73	0.0162
All COVID HIV-	Isoleucine	Phe:Tyr	0.5877	- 0.08	0.8203
All COVID HIV+	Isoleucine	Phe:Tyr	0.8053	0.07	0.8937
All COVID HIV-	Leucine	Tyrosine	0.0096	0.36	0.0437
All COVID HIV+	Leucine	Tyrosine	0.3016	-0.3	0.5601
All COVID HIV-	Leucine	Phenylalanine	0.142	0.21	0.3802
All COVID HIV+	Leucine	Phenylalanine	0.9806	0.01	0.9915
All COVID HIV-	Leucine	KA	0.613	- 0.07	0.8203
All COVID HIV+	Leucine	KA	0.8581	0.05	0.9296
All COVID HIV-	Leucine	Tryptophane	0.4845	-0.1	0.7604
All COVID HIV+	Leucine	Tryptophane	0.5979	- 0.15	0.8203
All COVID HIV-	Leucine	Fischers	0.0008	0.45	0.0058
All COVID HIV+	Leucine	Fischers	0.0088	0.67	0.0424
All COVID HIV-	Leucine	Phe:Tyr	0.6118	- 0.07	0.8203
All COVID HIV+	Leucine	Phe:Tyr	0.439	0.23	0.7134
All COVID HIV-	Tyrosine	Phenylalanine	0	0.59	0.0001
All COVID HIV+	Tyrosine	Phenylalanine	0.0525	0.53	0.1991
All COVID HIV-	Tyrosine	KA	0.7112	0.05	0.8642
All COVID HIV+	Tyrosine	KA	0.268	0.32	0.5419
All COVID HIV-	Tyrosine	Tryptophane	0.8375	0.03	0.9183

All COVID HIV+	Tyrosine	Tryptophane	0.5455	0.18	0.8079
All COVID HIV-	Tyrosine	Fischers	0.0002	-0.5	0.0014
All COVID HIV+	Tyrosine	Fischers	0.0259	- 0.59	0.1072
All COVID HIV-	Tyrosine	Phe:Tyr	0.1804	- 0.19	0.4691
All COVID HIV+	Tyrosine	Phe:Tyr	0.6326	- 0.14	0.8222
All COVID HIV-	Phenylalanine	KA	0.5581	- 0.08	0.8079
All COVID HIV+	Phenylalanine	KA	0.7761	- 0.08	0.8828
All COVID HIV-	Phenylalanine	Tryptophane	0.3834	0.12	0.6583
All COVID HIV+	Phenylalanine	Tryptophane	0.3998	0.24	0.6737
All COVID HIV-	Phenylalanine	Fischers	0	- 0.61	0
All COVID HIV+	Phenylalanine	Fischers	0.0977	- 0.46	0.2963
All COVID HIV-	Phenylalanine	Phe:Tyr	0	0.63	0
All COVID HIV+	Phenylalanine	Phe:Tyr	0.0027	0.74	0.0162
All COVID HIV-	KA	Tryptophane	0.2319	0.17	0.5098
All COVID HIV+	KA	Tryptophane	0.9411	- 0.02	0.9732
All COVID HIV-	KA	Fischers	0.7997	- 0.04	0.8937
All COVID HIV+	KA	Fischers	0.6993	- 0.11	0.8642
All COVID HIV-	KA	Phe:Tyr	0.1956	- 0.18	0.4753
All COVID HIV+	KA	Phe:Tyr	0.2966	-0.3	0.5601
All COVID HIV-	Tryptophane	Fischers	0.2502	- 0.16	0.5175
All COVID HIV+	Tryptophane	Fischers	0.7531	- 0.09	0.8675
All COVID HIV-	Tryptophane	Phe:Tyr	0.7512	0.05	0.8675
All COVID HIV+	Tryptophane	Phe:Tyr	0.2926	0.3	0.5601

All COVID HIV-	Fischers	Phe:Tyr	0.0232	- 0.31	0.1007
All COVID HIV+	Fischers	Phe:Tyr	0.9222	- 0.03	0.9685