Module−trait relationships

	pH	SOC	TN	NH4.N	NO3.N	AP	AK	CN	LA	Height	TG	RGR	LB	SB	RB	R.S	FRB	LRW1	LRW2	LRW3	LRN1	LRN2	LRN3	LRL1	LRL2	LRL3	LRD1	LRD2	LRD3	MaxO	TLRN	TLRl	BI	MD
ME1	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME2	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME3	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME4	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME5	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME6	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME7	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME8	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME9	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME10	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME11	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME12	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME13	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME14	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME15	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME16	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME17	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME18	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME19	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME20	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME21	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME22	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME23	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME24	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME25	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME26	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME27	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME28	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME29	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME30	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME31	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME32	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME33	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME34	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME35	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME36	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME37	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME38	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME39	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME40	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME41	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME42	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME43	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)
ME44	-0.43 (0.4)	0.071 (0.9)	-0.0024 (1)	-0.47 (0.3)	-0.83 (0.04)	0.21 (0.7)	0.34 (0.5)	0.13 (0.8)	0.57 (0.2)	0.47 (0.3)	-0.41 (0.4)	-0.27 (0.6)	-0.46 (0.4)	-0.56 (0.2)	-0.92 (0.01)	-0.56 (0.2)	-0.23 (0.7)	-0.16 (0.8)	-0.52 (0.3)	0.36 (0.5)	-0.39 (0.4)	-0.47 (0.4)	-0.036 (0.9)	-0.018 (1)	0.1 (0.8)	0.4 (0.4)	-0.23 (0.7)	-0.28 (0.6)	-0.34 (0.5)	-0.74 (0.09)	-0.19 (0.7)	0.35 (0.5)	0.23 (0.7)	0.23 (0.7)