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	MID
ME1	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME2	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME3	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME4	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME5	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME6	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME7	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME8	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME9	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME10	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME11	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME12	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME13	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME14	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME15	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME16	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME17	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME18	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME19	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME20	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME21	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME22	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME23	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME24	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME25	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME26	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME27	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME28	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME29	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME30	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME31	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME32	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME33	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME34	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME35	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME36	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME37	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME38	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME39	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME40	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME41	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.068 (0.9)	0.18 (0.7)	0.12 (0.8)
ME42	−0.31 (0.5)	0.17 (0.8)	−0.63 (0.2)	0.92 (0.01)	−0.068 (0.9)	−0.55 (0.3)	0.07 (0.9)	0.61 (0.2)	−0.74 (0.09)	0.74 (0.09)	0.68 (0.1)	0.89 (0.02)	−0.33 (0.5)	−0.018 (1)	0.29 (0.6)	0.28 (0.6)	−0.11 (0.8)	0.18 (0.7)	−0.29 (0.6)	0.052 (0.9)	0.62 (0.2)	0.78 (0.07)	0.43 (0.4)	−0.082 (0.9)	−0.0053 (1)	0.092 (0.9)	−0.9 (0.01)	−0.083 (0.9)	0.017 (1)	0.77 (0.07)	0.52 (0.3)	0.