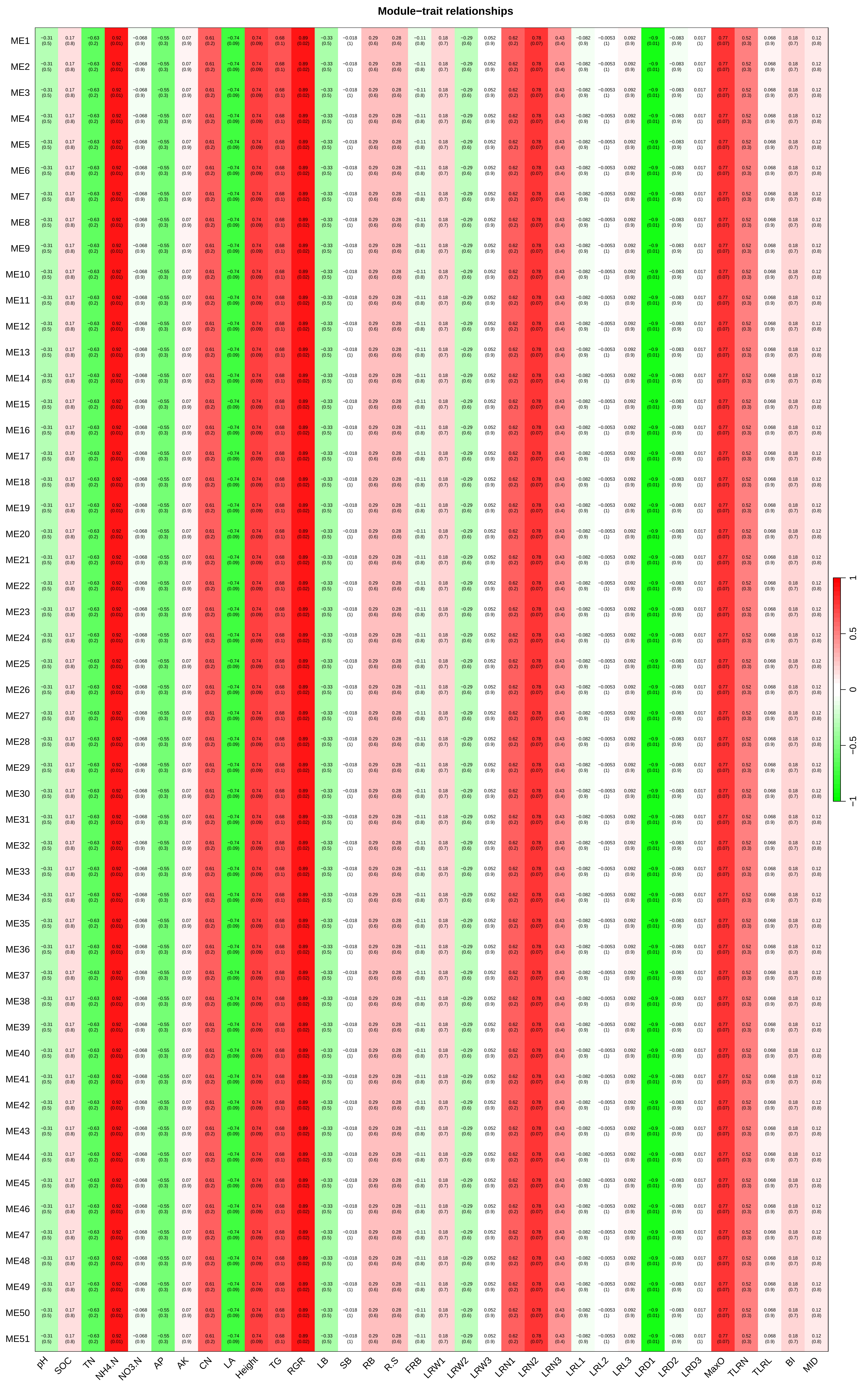
Module−trait relationships
pH SOC TN NH4.N NO3.N AP AK CN LA Height TG RGR LB SB RB R.S FRB LRW1 LRW2 LRW3 LRN1 LRN2 LRN3 LRL1 LRL2 LRL3 LRD1 LRD2 LRD3 MaxO TLRN TLRL BI MID
ME1 −0.31 (0.5) 0.17 (0.8) −0.63 (0.2) 0.92 (0.01) −0.068 (0.9) −0.55 (0.3) 0.07 (0.9) 0.61 (0.2) −0.74 (0.09) 0.74 (0.09) 0.68 (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)
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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)
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