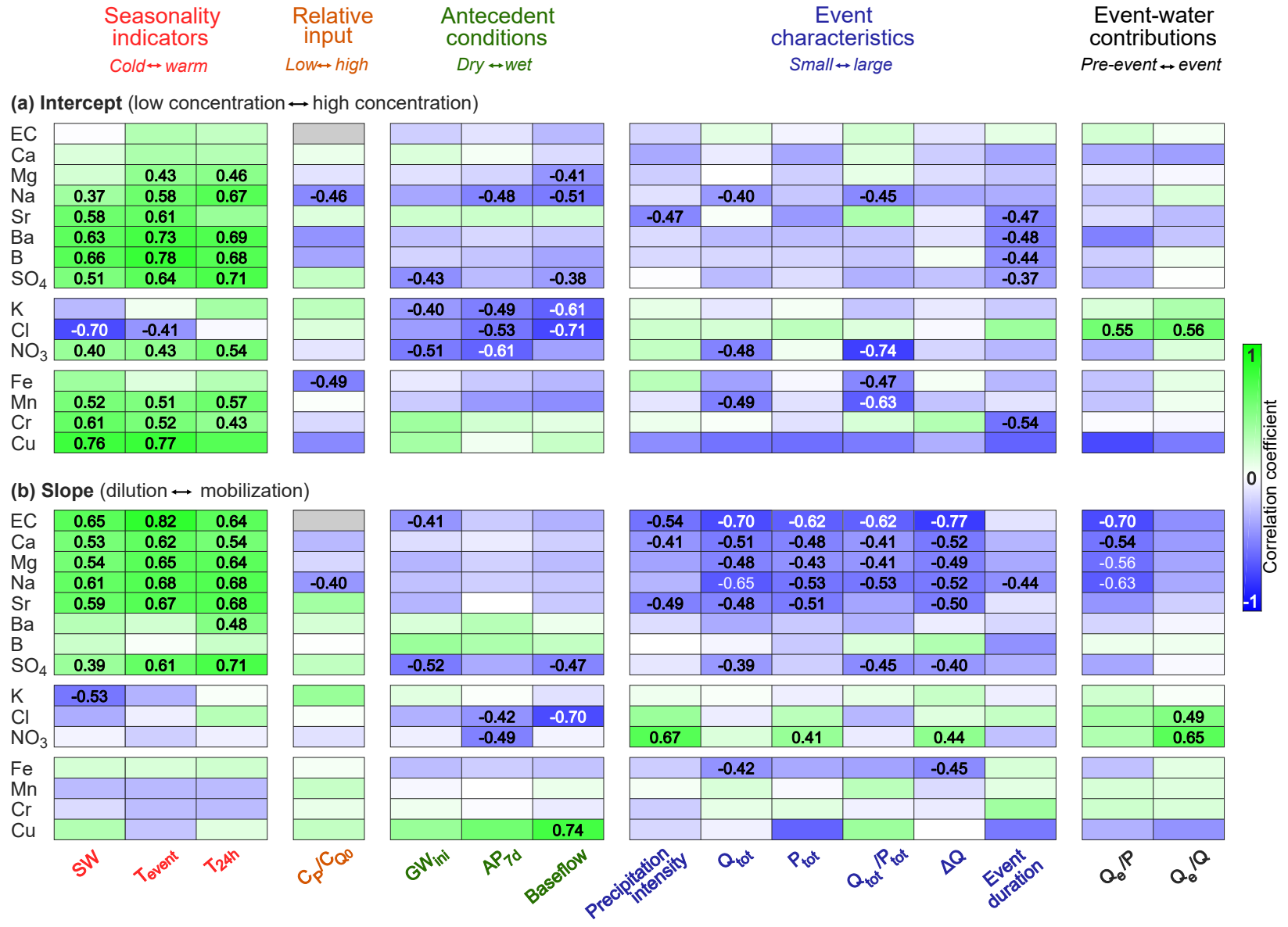
Seasonality indicators
Cold ↔ warm
Relative input
Low ↔ high
Antecedent conditions
Dry ↔ wet
Event characteristics
Small ↔ large
Event-water contributions
Pre-event ↔ event
(a) Intercept (low concentration ↔ high concentration)
EC
Ca
Mg 0.43 0.46 -0.41
Na 0.37 0.58 0.67 -0.46 -0.48 -0.51 -0.40 -0.45
Sr 0.58 0.61 -0.47 -0.47
Ba 0.63 0.73 0.69 -0.48
B 0.66 0.78 0.68 -0.44
SO4 0.51 0.64 0.71 -0.43 -0.38 -0.37
K -0.40 -0.49 -0.61
Cl -0.70 -0.41 -0.53 -0.71 0.55 0.56
NO3 0.40 0.43 0.54 -0.51 -0.61 -0.48 -0.74
Fe -0.49 -0.47
Mn 0.52 0.51 0.57 -0.49 -0.63
Cr 0.61 0.52 0.43 -0.54
Cu 0.76 0.77
(b) Slope (dilution ↔ mobilization)
EC 0.65 0.82 0.64 -0.41 -0.54 -0.70 -0.62 -0.62 -0.77 -0.70
Ca 0.53 0.62 0.54 -0.41 -0.51 -0.48 -0.41 -0.52 -0.54
Mg 0.54 0.65 0.64 -0.48 -0.43 -0.41 -0.49 -0.56
Na 0.61 0.68 0.68 -0.40 -0.65 -0.53 -0.53 -0.52 -0.44 -0.63
Sr 0.59 0.67 0.68 -0.49 -0.48 -0.51 -0.50
Ba 0.48
B
SO4 0.39 0.61 0.71 -0.52 -0.47 -0.39 -0.45 -0.40
K -0.53
Cl -0.42 -0.70 0.49
NO3 -0.49 0.67 0.41 0.44 0.65
Fe -0.42 -0.45
Mn
Cr
Cu 0.74
SW
Tevent
T24h
CP/CQ0
GWini
AP7d
Baseflow
Precipitation intensity
Qtot
Ptot
Qtot/Ptot
ΔQ
Event duration
Qe/P
Qe/Q
1
0
-1
Correlation coefficient