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**Figure 1S.** Trend of the mean value integrated in the water column 0-20 m and 100-350 m for the different parameters in Lake Maggiore. The significance was tested by Mann-Kendall trend test (Tau). For chlorophyll-*a*, the measures were done up to 100 m therefore the mean value is that of the 100 m.



**Figure 2S.** Pairwise comparisons between the variables included in the analyses. Numbers in the squares indicate Pearson’s coefficient between a pair of variables.