**Figure S3.** Partial dependence plots showing the fitted functions for the most important environmental factors driving spatial water salinity patterns (MN = in the draining catchment to the river reach, LC = in the hillslopes adjacent to the river reach). Codes according to Table S2: (a) MN\_PRE, (b) MN\_AGR, (c) LC\_TEM, (d) MN\_CON, (e) ELE, (f) MN\_HAR.

