



S3 Fig. Spearman coefficient of correlation between 15-days moving average of reported diarrheal diseases cases (i.e., hospital admissions or incidence) at 4 spatial subsets (See Fig. SI1 for full details), daily rainfall (mm) records at two locations (Luang Prabang Airport and Houay Pano catchment) and daily air temperature ($^{\circ}\text{C}$) record across the Houay Pano catchment, daily discharge records at two gauging stations (NK20 on the Nam Khan in $\text{m}^3 \text{s}^{-1}$ and S4 on the Houay Pano in L s^{-1}) and daily total suspended sediments (g L^{-1}) records at the S4 sampling station, from 2010 to 2012.