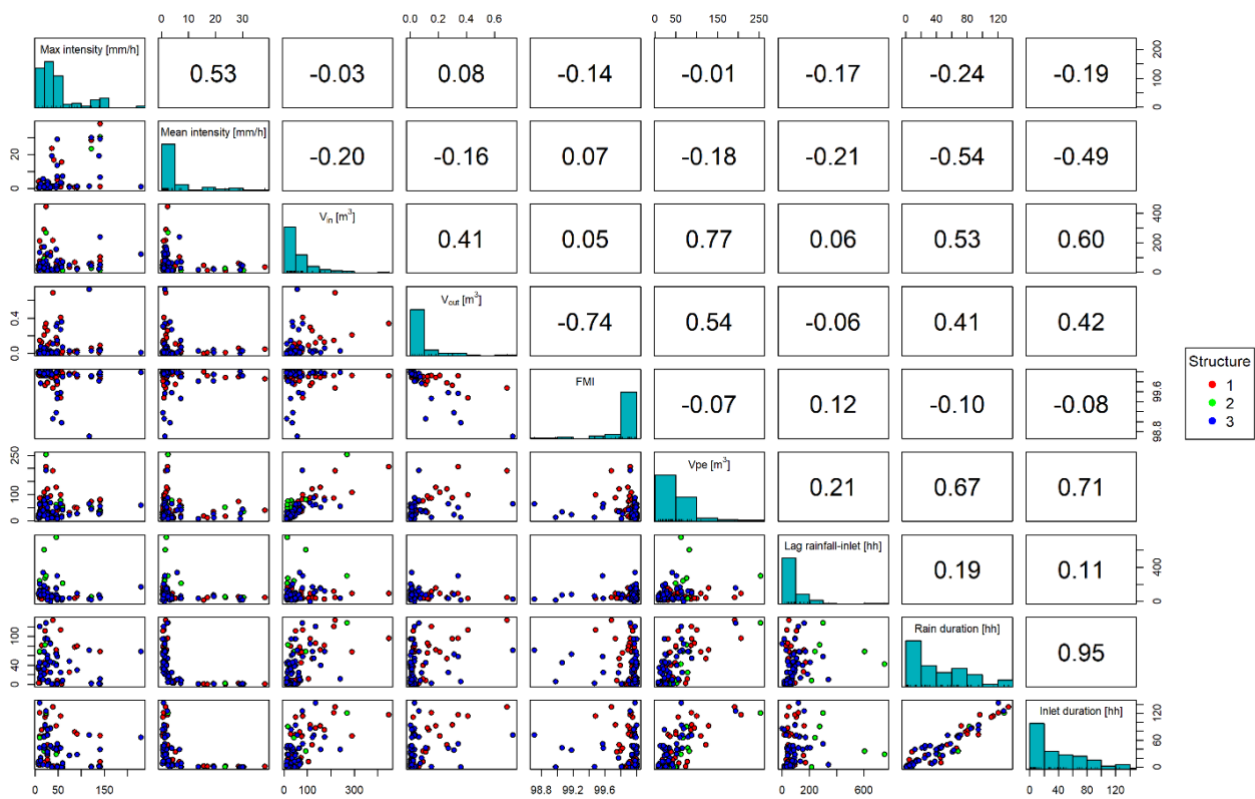


## Appendix

**Table 1A. Occurrence date and characteristics of the most intense rainfall events recorded during the two years of the monitoring period of the LIFE BEWARE project.**

Date	Cumulated rainfall [mm]	Maximum intensity [mm/h]	Mean intensity [mm/h]	Duration [hours]	Duration [days]	Return period [years]
14/08/2020	41.3	140.9	38.2	1.0	0.04	2.2
23-25/08/2020	75.8	121.8	28.4	2.6	0.1	6.5
04-10/06/2020	196.2	38.2	1.5	133.7	5.5	3.2
02-09/12/2020	301.3	23.9	2.4	128.1	5.3	15
11-13/04/2021	125.4	26.3	2.3	54.0	2.2	1.9
08/07/2021	36.8	138.5	19.2	1.9	0.1	2.0
13/07/2021	79.4	140.9	6.7	11.9	0.5	2.4
01-04/11/2021	132.1	45.4	1.8	72.1	3.0	1.6



**Figure 1A. Scatter plot of matrices, with bivariate scatter plots below the diagonal, histograms on the diagonal, and the Pearson correlation above the diagonal of the variables analysed involving the three structures.**