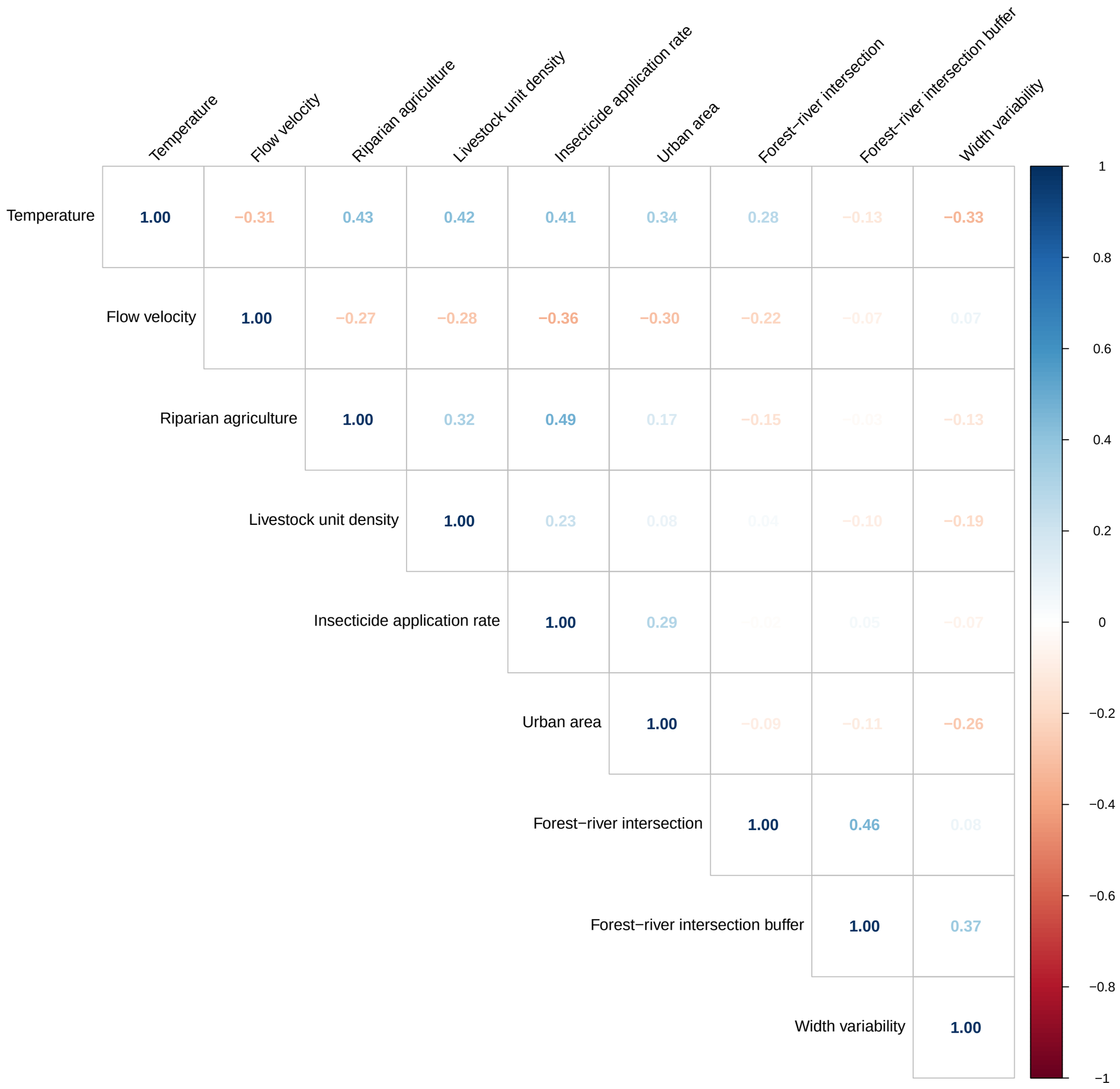
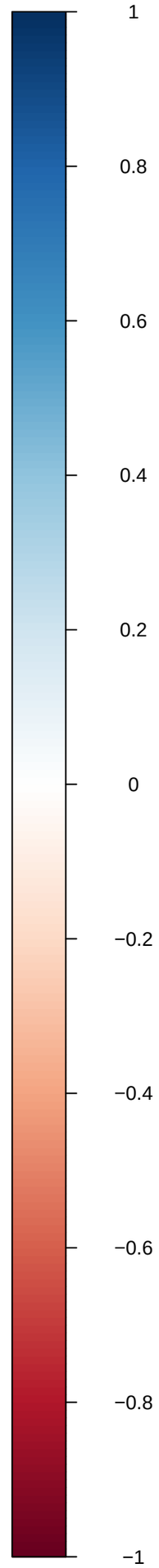

Temperature
Flow velocity
Riparian agriculture
Livestock unit density
Insecticide application rate
Urban area
Forest−river intersection
Forest−river intersection buffer
Width variability
1.00 −0.31 0.43 0.42 0.41 0.34 0.28 −0.13 −0.33
1.00 −0.27 −0.28 −0.36 −0.30 −0.22 −0.07 0.07
1.00 0.32 0.49 0.17 −0.15 −0.03 −0.13
1.00 0.23 0.08 0.04 −0.10 −0.19
1.00 0.29 −0.02 0.05 −0.07
1.00 −0.09 −0.11 −0.26
1.00 0.46 0.08
1.00 0.37
1.00
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1

	Urban area	Riparian agriculture	Insecticide application rate	Temperature	Livestock unit density	Flow velocity	Width variability	Forest−river intersection	Forest−river intersection buffer
Urban area									
Riparian agriculture	**0.17**								
Insecticide application rate	**0.29**	**0.49**							
Temperature	**0.34**	**0.43**	**0.41**						
Livestock unit density	**0.08**	**0.32**	**0.23**	**0.42**					
Flow velocity	**−0.30**	**−0.27**	**−0.36**	**−0.31**	**−0.28**				
Width variability	**−0.26**	**−0.13**	**−0.07**	**−0.33**	**−0.19**	**0.07**			
Forest−river intersection	**−0.09**	**−0.15**	**−0.02**	**0.28**	**0.04**	**−0.22**	**0.08**		
Forest−river intersection buffer	**−0.11**	**−0.03**	**0.05**	**−0.13**	**−0.10**	**−0.07**	**0.37**	**0.46**