

**Table 1.** P-values adjusted using FDR and Bonferroni methods:

Station	time scale	Indice	P Value	False Discovery Rate	Bonferroni	
Vercelli	1h	extreme intensity	0.5946	0.8569	1.0000	
		extreme frequency	<b>0.0429</b>	0.3433	0.3433	
		Spring	0.4952	0.8569	1.0000	
Pallanza	30min	extreme intensity	<b>0.0068</b>	<b>0.0438</b>	0.0543	
		extreme frequency	<b>0.0109</b>	<b>0.0438</b>	0.0875	
		Spring	0.8309	0.8309	1.0000	
Lombriasco	20 min	extreme intensity	<b>0.0381</b>	0.2946	0.3048	
		extreme frequency	0.2150	0.4301	1.0000	
		Spring	0.7468	0.7816	1.0000	
	3h	extreme intensity	0.4173	0.5760	1.0000	
		extreme frequency	<b>0.0102</b>	0.0816	0.0816	
		Spring	<b>0.0344</b>	0.1376	0.2753	
	6h	extreme intensity	0.0574	0.1148	0.4590	
		extreme frequency	<b>0.0090</b>	<b>0.0358</b>	0.0717	
		Spring	<b>0.0003</b>	<b>0.0027</b>	<b>0.0027</b>	
	Bra	1h	extreme intensity	<b>0.0103</b>	0.0794	0.0828
			extreme frequency	<b>0.0199</b>	0.0794	0.1588
			Spring	0.1424	0.2848	1.0000
2h		extreme intensity	0.2502	0.6385	1.0000	
		extreme frequency	<b>0.0152</b>	0.1214	0.1214	
		Spring	0.0961	0.3845	0.7689	
3h		extreme intensity	0.1831	0.4883	1.0000	
		extreme frequency	<b>0.0054</b>	<b>0.0430</b>	<b>0.0430</b>	
		Spring	<b>0.0113</b>	<b>0.0450</b>	0.0900	
6h	extreme intensity	<b>0.0053</b>	<b>0.0330</b>	<b>0.0426</b>		
	extreme frequency	<b>0.0097</b>	<b>0.0330</b>	0.0773		
	Spring	<b>0.0124</b>	<b>0.0330</b>	0.0991		
12h	extreme intensity	<b>0.0005</b>	<b>0.0039</b>	<b>0.0039</b>		
	extreme frequency	<b>0.0223</b>	<b>0.0492</b>	0.1787		
	Spring	<b>0.0246</b>	<b>0.0492</b>	0.1967		

In bold: significant level lower than 5%