

**Supplementary Table 1. Bivariate residuals assessing local independence among observed indicators in the latent class analysis**

	V1	V2	V3	V4	V5	V6	V7	V8	V9	V10
V1	0.00	1.44	5.48	8.14	0.98	4.58	0.76	1.20	4.25	-
V2	1.44	0.00	31.21	4.16	0.29	0.81	0.00	0.04	12.48	1.08
V3	5.48	31.21	0.00	5.64	0.08	0.40	2.64	0.15	1.36	0.81
V4	8.14	4.16	5.64	0.00	0.33	0.07	0.88	1.69	5.96	1.24
V5	0.98	0.29	0.08	0.33	0.00	16.90	3.43	0.10	0.65	0.27
V6	4.58	0.81	0.40	0.07	16.90	0.00	8.50	0.43	3.89	6.78
V7	0.76	0.00	2.64	0.88	3.43	8.50	0.00	5.23	3.19	4.18
V8	1.20	0.04	0.15	1.69	0.10	0.43	5.23	0.00	0.69	5.44
V9	4.25	12.48	1.36	5.96	0.65	3.89	3.19	0.69	0.00	7.82
V10	-	1.08	0.81	1.24	0.27	6.78	4.18	5.44	7.82	0.00

V1, headache intensity; V2, unilateral location; V3, pulsating quality; V4, aggravation by routine physical activity; V5, nausea; V6, vomiting; V7, photophobia; V8, phonophobia; V9, headache frequency; V10, headache duration.