**Supplementary table 3.** Rare intracranial abnormalities related to headache status.

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| --- | --- | --- |
| **Rare abnormality** | **N** | **No. of lesions per headache category** |
| Occlusion of the internal carotid artery | 3 | 1 with previous headache and 2 with persistent headache |
| Pituitary tumour | 3 | 1 with previous headache, 1 with new onset headache and 1 with persistent headache |
| Chiari malformation | 2 | 1 with persistent headache |
| Cavernous haemangioma | 2 | 1 with new and 1 with persistent headache |
| Calcification of parenchyma | 2 | 1 with previous headache and 1 headache free |
| Vestibular schwannoma | 1 | 1 with persistent headache |
| Meningioma | 1 | 1 with previous headache |
| Carotid siphon stenosis | 1 | 1 with persistent headache |
| Venous angioma | 1 | 1 headache free |
| Mega cisterna magna | 1 | 1 with persistent headache |
| Postoperative alterations | 1 | 1 headache free |

None of the participants had cerebral contusion, AV-malformation, malignant neoplasm, stenosis in medial cerebral artery, grey matter heterotopia, progressive supranuclear palsy or multiple sclerosis.