

Supplementary Table 2. Validation of diagnostic codes for migraine according to clinical specialty

	Total (n)	True positive (n)	False positive (n)	True negative (n)	False negative (n)	PPV (%)	NPV (%)	Error rate (%)	Sensitivity (%)	Specificity (%)
Neurology										
Migraine 1 claim	155	127	28	-	-	81.94	-	18.06	-	-
Migraine 2 claims	152	122	26	2	2	82.43	50.00	18.42	98.39	7.14
Migraine ≥3 claims	150	121	24	3	2	83.45	60.00	17.33	98.37	11.11
Migraine 2 claims with acute or chronic medication	140	111	23	4	2	82.84	66.67	17.86	98.23	14.81
Migraine ≥3 claims with acute or chronic medication	131	103	3	23	2	97.17	92	3.82	98.10	88.46
Non-neurology										
Migraine 1 claim	45	21	24	-	-	46.67	-	53.33	-	-
Migraine 2 claims	43	21	20	2	0	51.22	0	46.51	100.00	9.09
Migraine ≥3 claims	40	21	9	10	0	70.00	100.00	22.5	100.00	52.63
Migraine 2 claims with acute or chronic medication	39	20	10	9	0	66.67	100.00	25.64	100.00	47.37
Migraine ≥3 claims with acute or chronic medication	34	10	3	21	0	76.92	100.00	8.82	100.00	87.5

PPV, positive predictive value; NPV, negative predictive value.