

# P25

	Africa	Americas	Eastern Mediterranean	Europe	South-East Asia	Western Pacific
All headache	21.6 (n = 2)	46.5 (n = 1)	78.8 (n = 2)	56.1 (n = 8)	63.9 (n = 1)	52.8 (n = 4)
Migraine	4.0 (n = 2)	10.6 (n = 1)	6.8 (n = 2)	14.9 (n = 9)	10.9 (n = 1)	10.4 (n = 6)
Tension-type headache	nr	32.6 (n = 1)	nr	80* (n = 2)	34.8 (n = 1)	19.7 (n = 3)
Medication-overuse headache (MOH)	nr	nr	nr	1.0 (n = 3)	1.2 (n = 1)	nr
Headache on ≥ 15 days/month (including MOH)	1.7 (n = 2)	4.0 (n = 1)	nr	3.3 (n = 3)	1.7 (n = 1)	2.1 (n = 3)

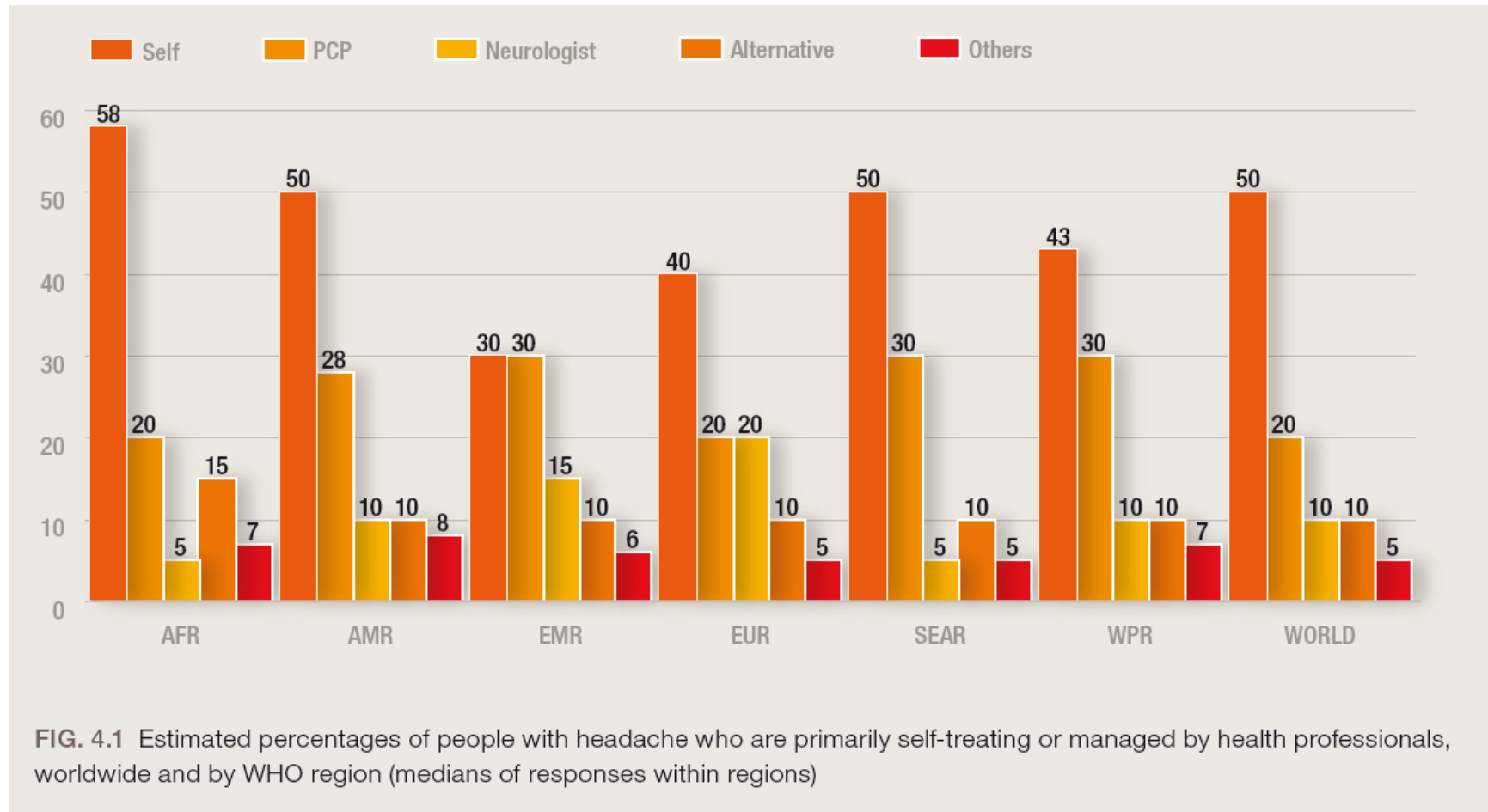
TABLE 2.1 Mean 1-year prevalences (%) in adults aged 18–65 years of all headache, migraine, tension-type headache and medication-overuse headache from population-based studies by WHO region

n = Number of studies in the WHO region contributing to the reported mean.

nr = Not reported. This is indicative of lack of relevant studies rather than absence of the disorder.

\* The discrepancy between 80 % for tension-type headache and 56.1 % for all headache arises because these are means of estimates from different studies. Those focusing on the former generally made greater effort to include infrequent tension-type headache (by definition occurring less than once a month), which is commonly unreported; those considering all headache might overlook this.

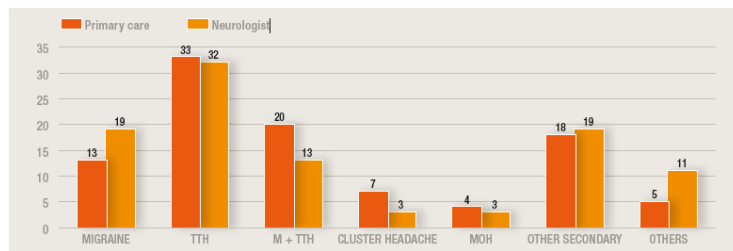
# P30



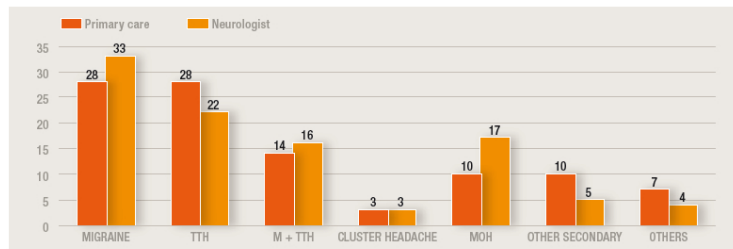
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FIG. 4.3 Estimated percentages of all headache consultations made for each headache disorder, in primary and specialist care, by WHO region (medians of responses within regions, adjusted to total 100 %) (TTH: tension-type headache; M+TTH: combined migraine and TTH; MOH: medication-overuse headache; Other secondary: other secondary headache)

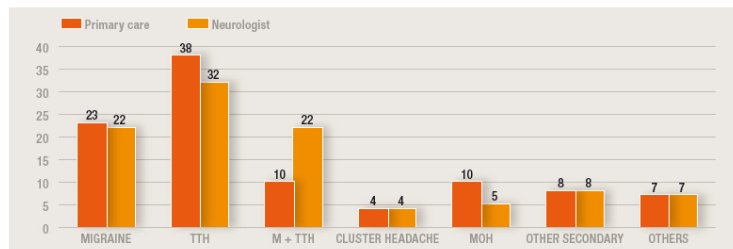
## A. AFRICAN REGION



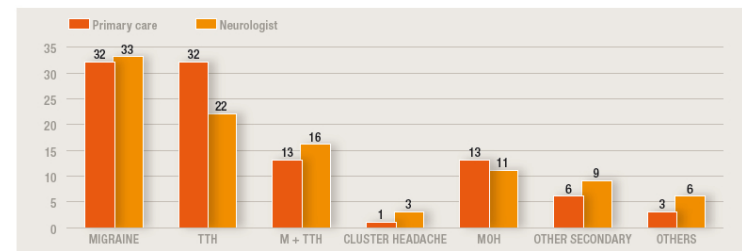
## B. REGION OF THE AMERICAS



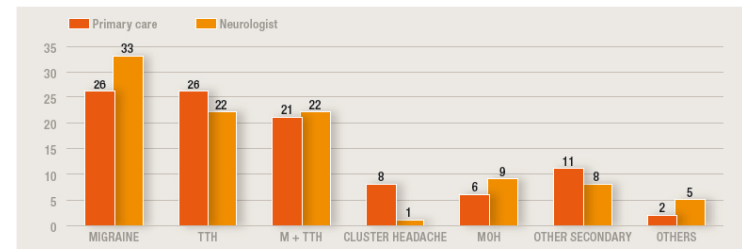
## C. EASTERN MEDITERRANEAN REGION



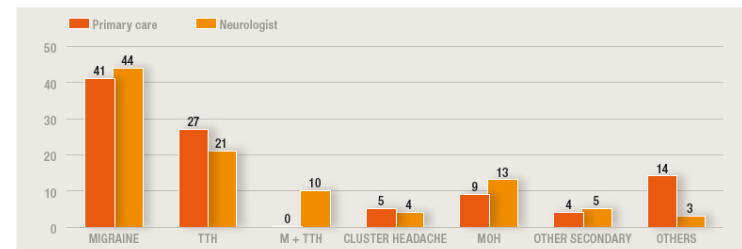
## D. EUROPEAN REGION



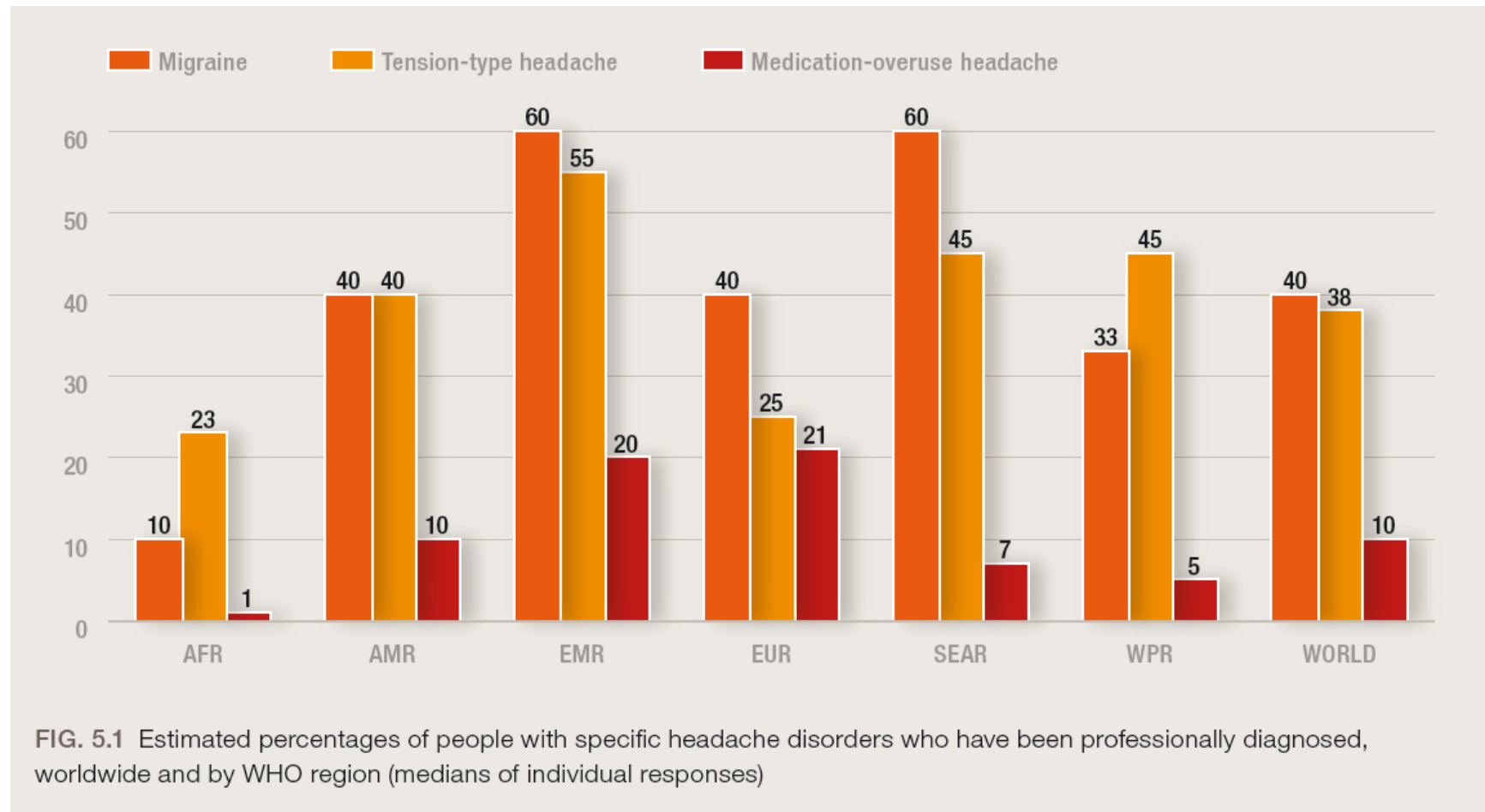
## E. SOUTH-EAST ASIA REGION



## F. WESTERN PACIFIC REGION



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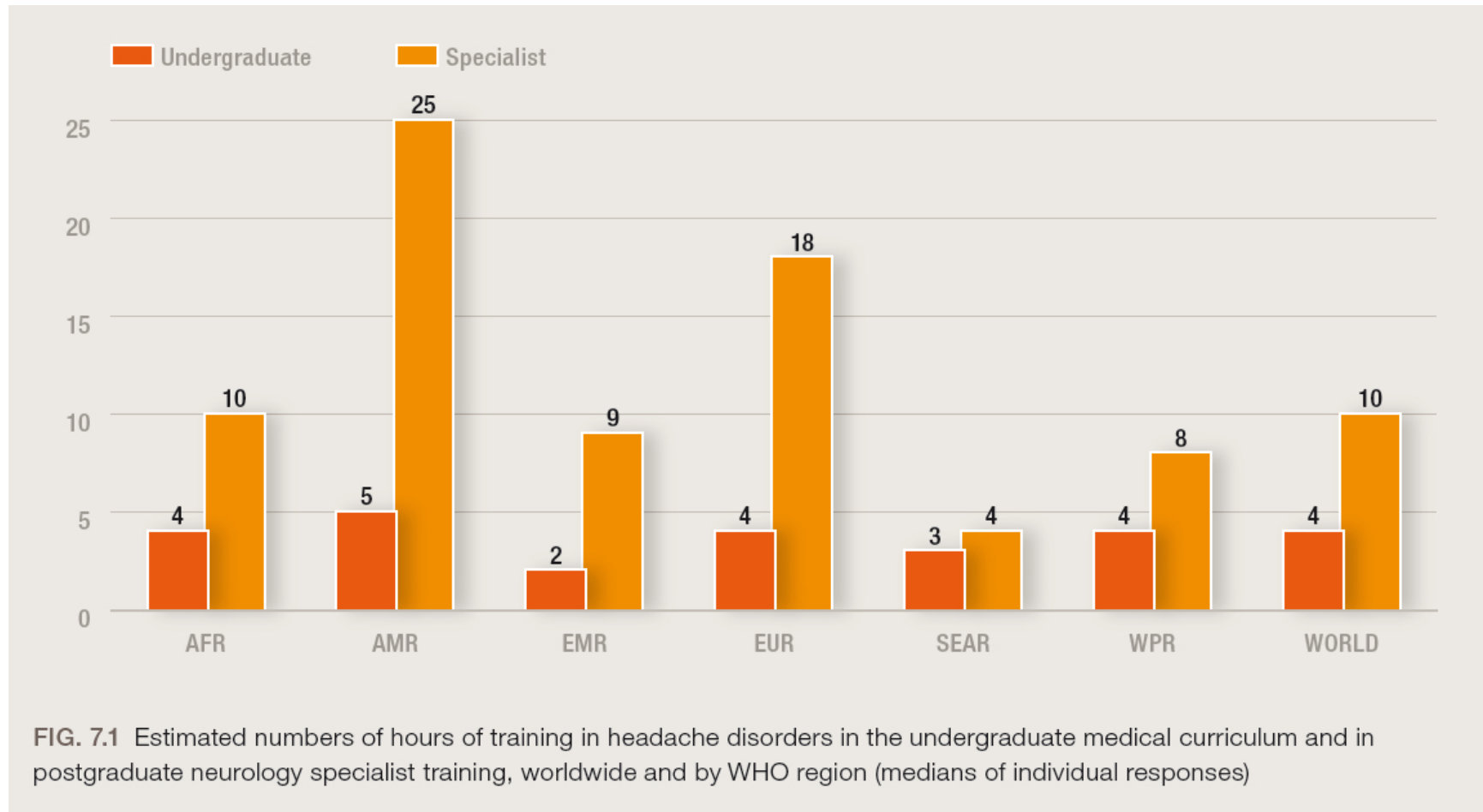
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WHO region	MRI (%)		CT (%)		Sinus examination (%)		EEG (%)		CSF (%)		Refractory errors (%)	
	N	PC	N	PC	N	PC	N	PC	N	PC	N	PC
African (n = 17)	0	1	28	5	15	15	5	5	5	5	19	3
Americas (n = 19)	15	8	30	10	10	8	15	28	2	10	13	–
Eastern Mediterranean (n = 12)	10	2	60	10	18	28	13	5	5	5	10	25
Europe (n = 34)	10	3	30	4	10	5	9	1	2	1	5	7
South-East Asia (n = 5)	5	1	30	2	45	8	5	1	5	1	50	35
Western Pacific (n = 8)	23	20	20	64	10	30	13	55	1	15	8	13
World (n = 95)	10	3	30	5	10	10	10	5	3	1	10	8

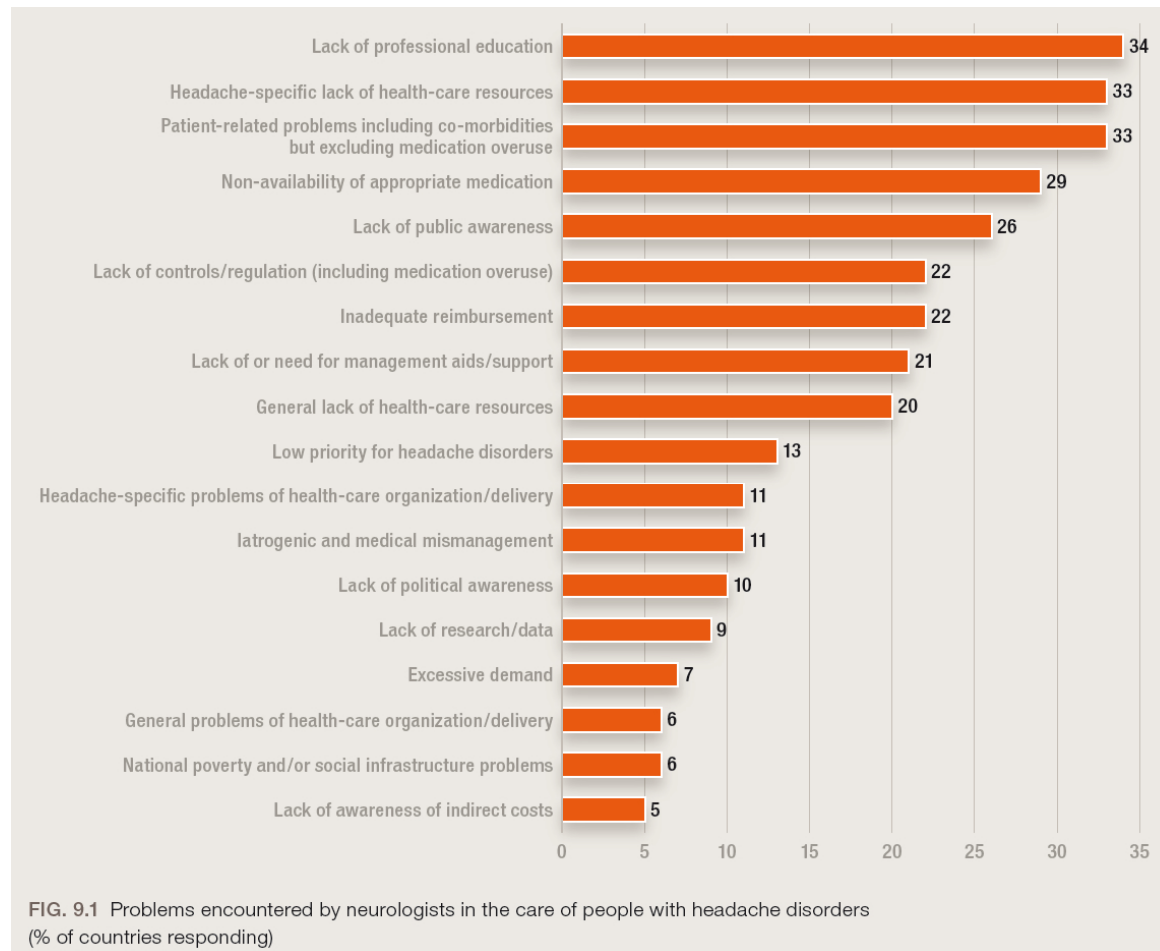
**TABLE 5.6** Estimated percentages of headache patients in specialist and primary care receiving specified investigations (medians of individual responses)

MRI = magnetic resonance imaging; CT = X-ray computed tomography; EEG = electroencephalography;  
CSF = cerebrospinal fluid examination; N = specialist (neurologist) care; PC = primary care; n = number of countries contributing data

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