

Table 4 Subgroup analysis of physical and verbal violence reported in 75 studies from the WHO Eastern Mediterranean Region and Türkiye conducted during 1999–2021

Subgroup	During career						Last 1 year or less					
	Pooled prevalence		I ²	No. of studies	χ^{2a}	P	Pooled prevalence		I ²	No. of studies	χ^{2a}	P
	%	95% CI					%	95% CI				
Physical violence												
Country												
Türkiye	25.0	14.1–35.9	98.97	9	12.68	0.027	19.6	9.5–29.8	99.32	8	45.45	< 0.001
Iran, IR	39.5	0.1–97.3	99.65	2			24.1	19.2–29.1	93.98	8		
Pakistan		–		–			20.9	1.3–43.1	99.91	6		
Jordan	21.0	14.5–27.5		1			22.2	10.2–34.2	98.78	7		
Saudi Arabia	32.2	4.8–59.6	99.58	4			11.2	4.3–18.1	97.72	7		
Egypt		–		–			18.9	5.9–31.9	98.45	5		
Lebanon		–		–			17.0	2.1–31.8	96.67	2		
Kuwait		–		–			10.6	2.2–19.1	78.07	2		
Palestine		–		–			20.4	3.0–37.8	98.33	3		
Syrian Arab Republic		–		–			19.1	16.8–21.4		1		
Bahrain		–		–			11.0	4.7–17.3		1		
Iraq	14.0	11.5–16.5		1 study			42.2	33.3–51.1		1		
Morocco	8.0	0.5–15.5		1 study				–		–		
Year conducted												
2010 and earlier	15.6	10.3–21.0	86.49	4	4.53	0.033	20.7	14.0–27.3	99.21	15	0.33	0.564
2011 and later	29.7	17.9–41.4	99.34	14			18.3	14.0–22.7	99.60	36		
Sample size												
< 355	21.9	7.0–36.9	98.78	8	0.6	0.419	20.8	15.7–25.9	97.11	27	1.01	0.314
≥ 355	30.0	17.4–42.7	99.42	10			17.1	12.0–22.2	99.77	24		
Professional group												
Physician	31.0	9.5–52.5	99.63	6	1.78	0.412	14.7	6.9–22.5	98.13	6	3.83	0.147
Nurse	19.0	13.2–24.8	76.05	3			23.4	17.0–29.9	99.21	20		
All health care staff	25.8	12.4–39.3	99.18	9			16.5	11.8–21.2	99.61	25		
Quality score												
< 6	30.3	15.4–45.3	99.34	11	1.41	0.235	18.8	13.7–23.9	98.52	26	0.01	0.918
≥ 6	20.4	13.5–27.2	97.05	7			19.2	14.0–24.4	99.75	25		
Response rate												
< 70%	22.6	11.2–34.1	91.67	3	0.30	0.581	16.3	8.7–23.8	99.59	16	0.84	0.360
≥ 70%	27.2	15.8–38.5	99.42	15			20.3	16.3–24.2	99.43	35		
Total	23.4	16.1–32.0	99.0	18	–		19.0	15.4–22.6	99.00	51	–	
Verbal violence												
Country												
Türkiye	75.9	66.7–85.1	98.37	9	26.02	< 0.001	62.4	50.5–74.3	99.25	10	160.08	< 0.001
Iran, IR	79.1	55.6–99.0	97.82	2			80.7	73.0–88.4	98.49	8		
Pakistan		–		–			45.0	30.7–59.4	99.22	6		
Jordan	87.0	82.0–92.0		1			59.8	52.1–67.4	95.06	8		
Saudi Arabia	63.0	46.7–79.2	98.31	4			46.9	38.7–55.1	94.59	8		
Egypt		–		–			49.7	30.6–68.8	98.77	5		
Lebanon		–		–			71.4	52.8–90.1	97.04	2		
Kuwait		–		–			66.8	29.6–99.0	98.97	2		
Palestine		–		–			50.7	23.6–77.7	98.97	3		
Syrian Arab Republic		–		–			85.0	83.0–87.0		1		
Bahrain		–		–			78.0	70.0–86.0		1		
Iraq	72.0	68.5–75.5		1				–		–		

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	%	95% CI					%	95% CI				
Year conducted												
2010 and earlier	63.7	46.5–80.9	98.27	3	1.63	0.201	67.9	58.3–77.4	99.38	18	4.43	0.035
2011 and later	75.8	68.5–83.2	98.06	14			55.9	50.1–61.7	99.28	36		
Sample size												
< 355	77.9	66.1–89.8	97.65	7	0.94	0.331	63.1	56.2–69.9	97.77	28	1.52	0.218
≥ 355	70.7	62.3–79.1	98.41	10			56.6	48.9–64.3	99.69	26		
Professional group												
Physicians only	77.0	67.1–86.8	97.9	5	0.45	0.799	62.2	48.7–75.7	99.47	5	4.63	0.099
Nurses only	70.3	46.7–93.9	98.60	3			65.5	56.9–74.1	99.10	24		
All health care staff	72.9	62.7–83.1	98.28	9			54.0	47.5–60.5	99.15	25		
Quality score												
< 6	74.0	63.6–84.5	98.50	10	0.02	0.899	62.5	54.8–70.3	98.99	29	1.17	0.280
≥ 6	73.1	64.3–82.0	97.77	7			56.9	50.3–63.5	99.50	25		
Response rate												
< 70%	73.6	47.5–99.8	98.79	3	0.01	0.995	60.1	50.8–69.4	98.75	18	0.01	0.960
≥ 70%	73.7	66.8–80.7	98.11	14			59.8	53.5–66.1	99.53	36		
Total	73.7	67.8–80.4	98.01	7	–		59.9	54.7–65.1	99.05	4	–	