

Study	Population	Participant (n)		Odds Ratio	95% CI	Reference
		TBI	Control			
Li, Gangqin, et al. 2022	China	72	72	41.36	9.42-181.72	[174]
Tomar, Sachin, et al. 2018	India	100	100	126	40.54-391.66	[175]
Ansari, Ahmed, et al. 2014	India	250	250	14.8	7.25-30.23	[176]
Jain, Akhilesh, et al. 2014	India	204	204	11.98	5.58-25.75	[177]
Devi, Yashodha, et al. 2020	India	50	50	7.58	1.6-35.93	[178]
Chaurasiya, Akanksha, et al. 2021-a	India	39	39	21.28	2.63-172.15	[179]
Chaurasiya, Akanksha, et al. 2021-b	India	39	39	14.93	1.82-122.46	[180]
Ubukata, Shiho, et al. 2022	Japan	88	88	83.13	19.12-361.42	[181]
Jang, Sung Ho, et al. 2020	Korea	58	58	51	6.54-397.97	[182]
Choi, Yoonjeong, et al. 2022	Korea	1141593	1141593	1.7	1.69-1.71	[169]
Looi, Mun Choon, et al. 2023	Malaysia	309	309	9.24	4.93-17.33	[183]
Al-Kader, Dania A., et al. 2022	Pakistan	31	31	4.16	1.39-12.5	[184]
Lin, Mau-Roung, et al. 2010	Taiwan	146	146	24.24	8.51-69.08	[185]
Total		2285938		2.704	1.692-1.715	p < 0.001

**Supplement S2. Prevalence of post-TBI depression in Asian countries versus control group or indigenous population.** (<https://ourworldindata.org/mental-health>).

	Event (depression)	No Event
TBI group	a	b
Control group	c	d

We calculated the confidence Interval and the odds ratio using the following formulas.

- **Odds ratio** =  $(a*d) / (b*c)$
- **Lower 95% CI** =  $e^{\ln(OR) - 1.96\sqrt{(1/a + 1/b + 1/c + 1/d)}}$
- **Upper 95% CI** =  $e^{\ln(OR) + 1.96\sqrt{(1/a + 1/b + 1/c + 1/d)}}$

Whereas in the publication the data were presented as a percentage of the number of cases, we recalculated and presented the data as an odds ratio.

In the case of publication with only a TBI group without a control group, we used a control group with the same number of cases for that population, and data on the prevalence of depression in that population were taken from <https://ourworldindata.org/mental-health> for the same time period, a similar method was done in a meta-analysis where a control group with the same number of patients was taken from the National Health Insurance Service-National Health Information Database (NHIS-NHID) in South Korea [169].

Odds ratio was calculated as previously described [170-173].