

Appendix 1: Search strategy

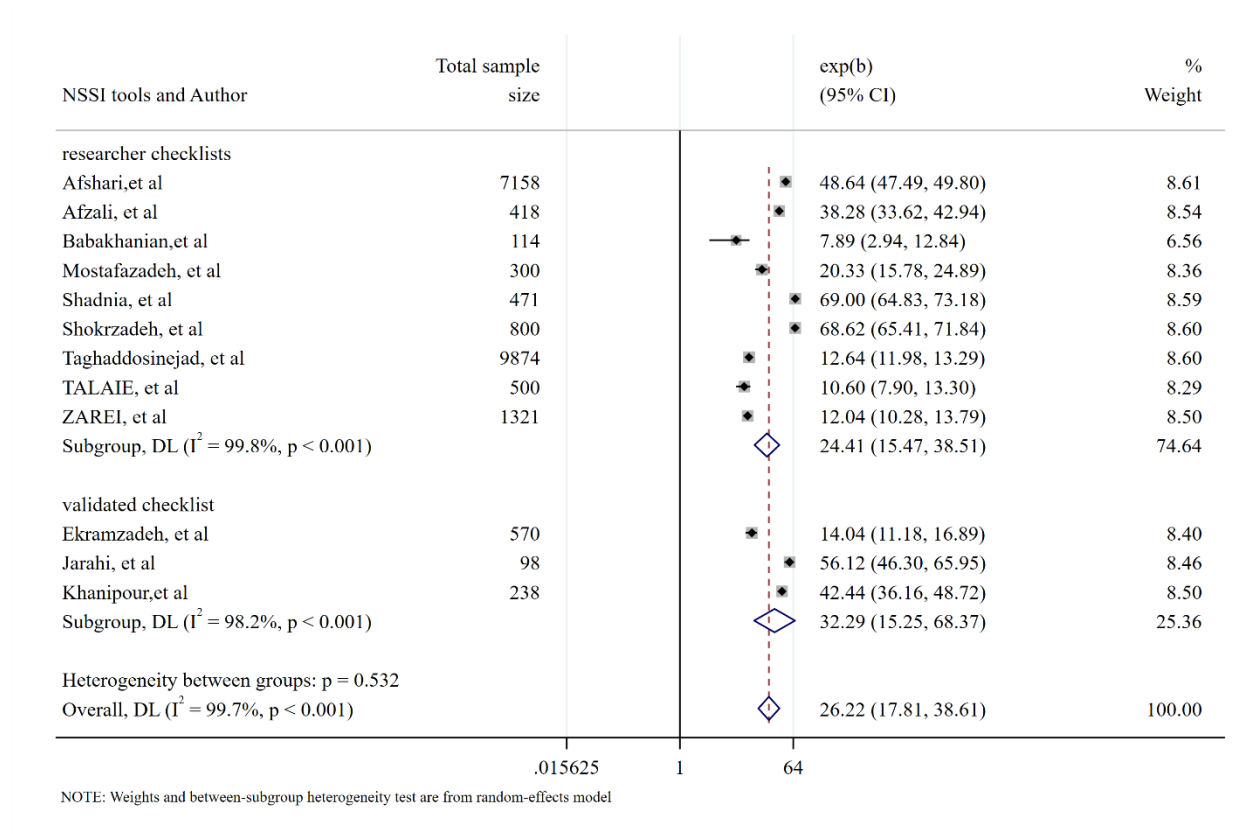
PubMed:

((("Prevalence"[Mesh] OR "Epidemiology"[Mesh] OR "epidemiology" [Subheading]) AND (((("Iran"[Mesh]) OR (Iranian)) OR (Iranians)))) AND (((((((("Self-Injurious Behavior"[Mesh]) OR "Self Mutilation"[Mesh]) OR (self wound)) OR (cut)) OR ((self poisoning)) OR (self inflicted)) OR (NSSI)) OR (non-suicidal)) OR (DSH))

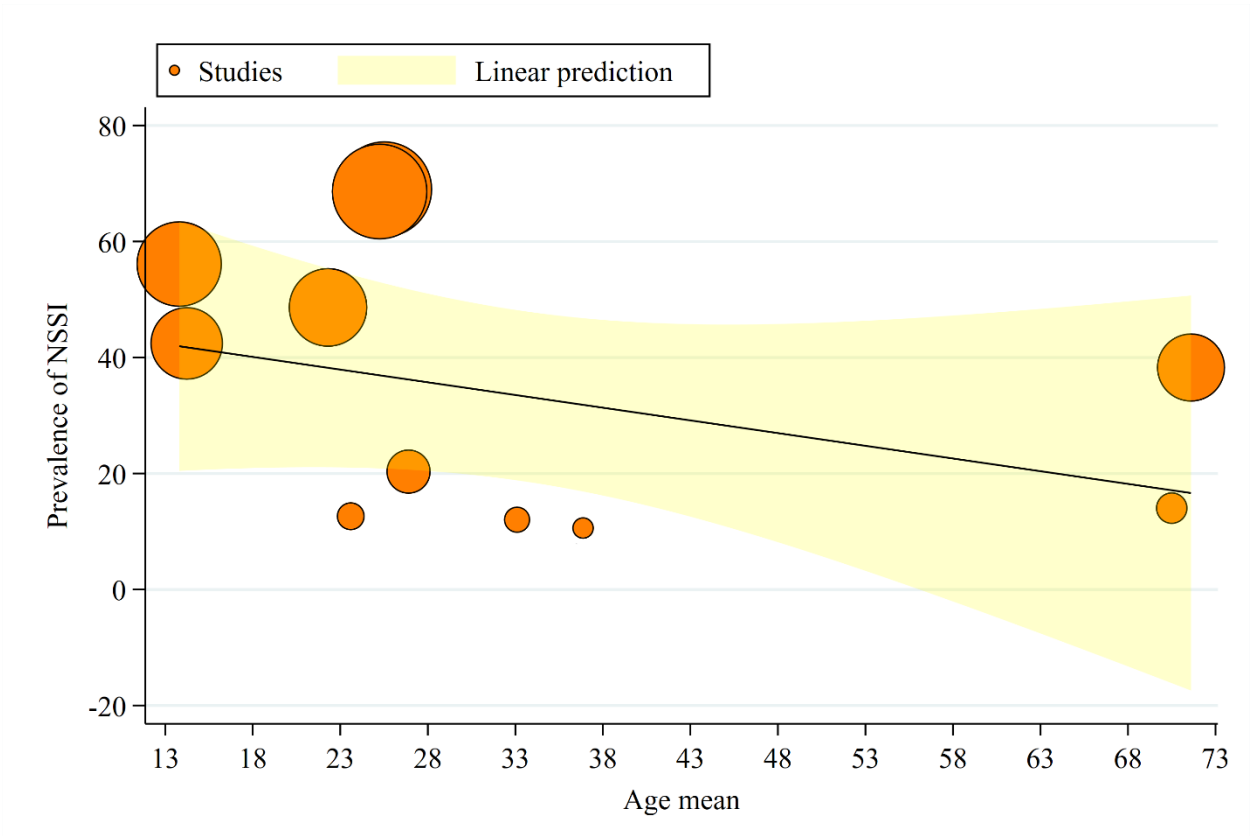
Appendix 2. Table of quality assessment of included studies

Author (year)	Selection	Comparability	Outcome	Total	Quality
Afshari,et al (2004)	3	1	2	6	Good
Afzali, et al (2015)	3	1	2	6	Good
Babakhanian,et al (2012)	3	1	2	6	Good
Ekramzadeh, et al (2012)	3	1	3	7	Good
Jarahi, et al (2021)	3	1	3	7	Good
Khanipour,et al (2014)	3	1	3	7	Good
Mostafazadeh, et al (2017)	3	1	3	7	Good
Shadnia, et al (2009)	3	1	3	7	Good
Shokrzadeh, et al (2017)	3	1	2	6	Good
Taghaddosinejad, et al (2009)	3	1	1	5	Good
Talaie, et al (2018)	3	1	3	7	Good
Zarei, et al (2011)	3	1	3	7	Good

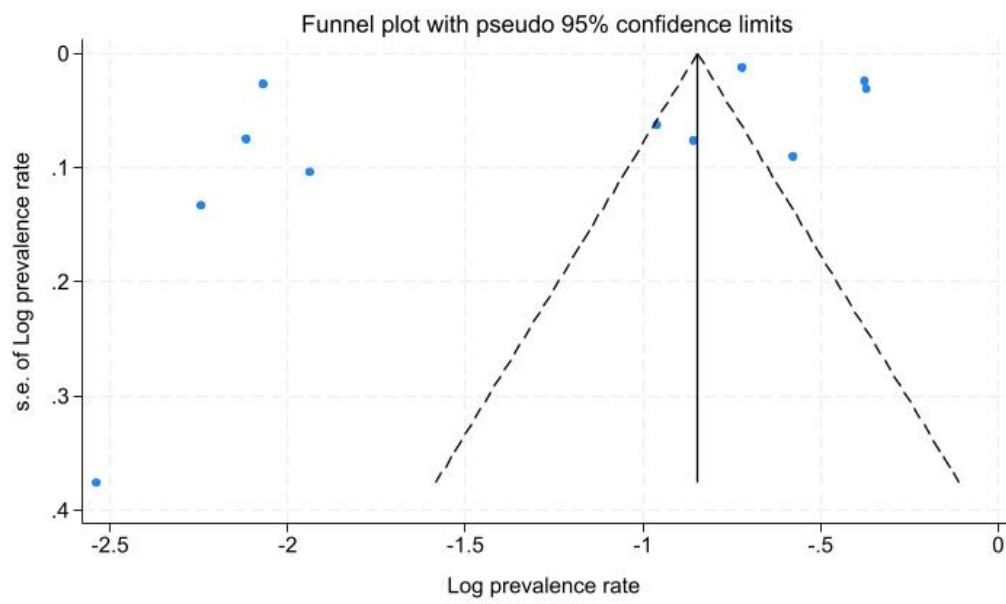
Appendix 3: Forest plot of prevalence of NSSI based on tools



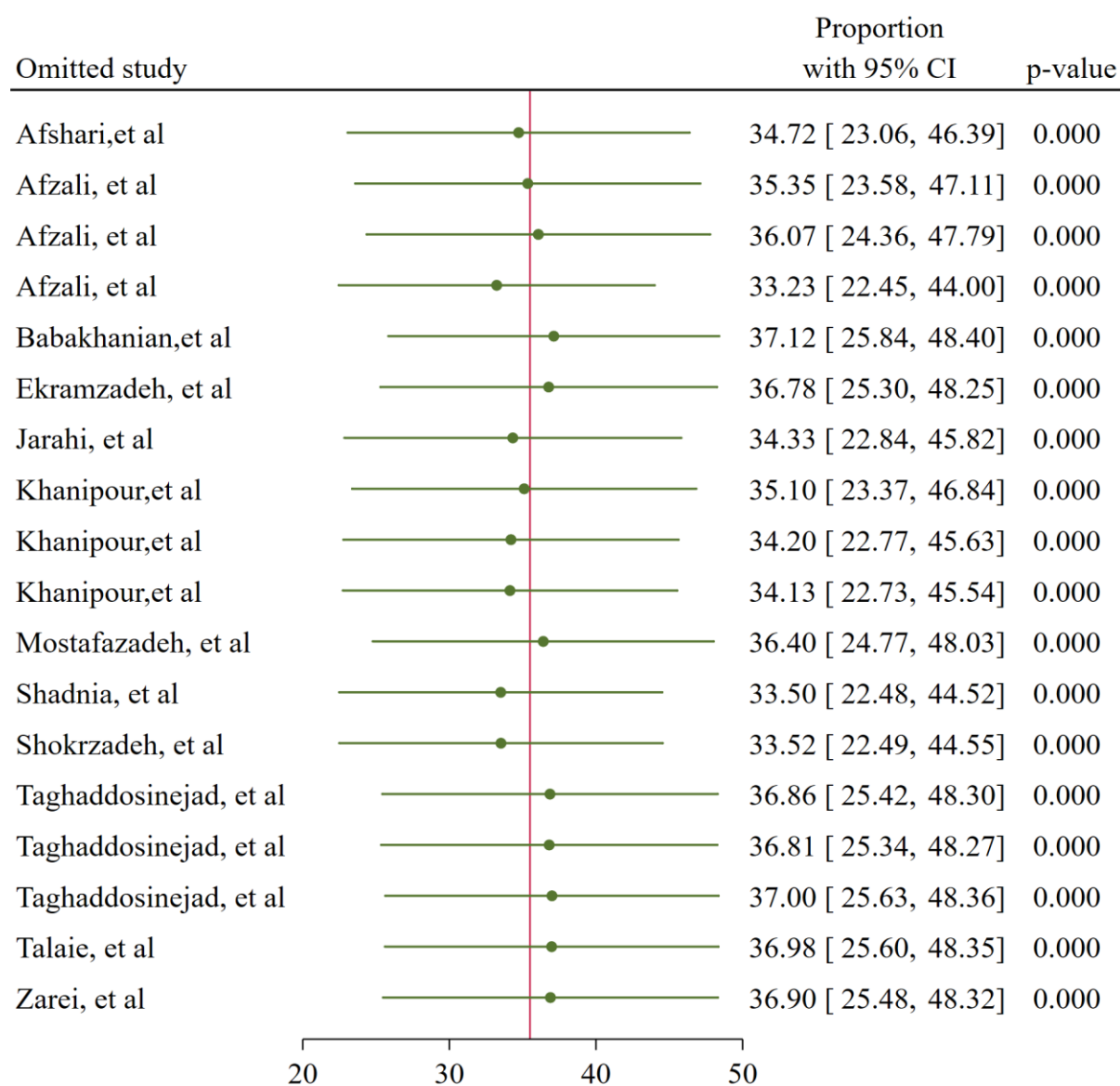
Appendix 4: Meta-regression of NSSI prevalence in the high-risk population based on age mean



Appendix 5: Funnel plot of standard error by point estimate for the assessment of publication bias.



Appendix 6: Sensitivity analyses of included studies



Random-effects REML model