Supplementary Online Content

Brandt L, Henssler J, Müller M, Wall S, Gabel D, Heinz A. Risk of psychosis among refugees: a systematic review and meta-analysis. *JAMA Psychiatry*. Published online August 14, 2019. doi:10.1001/jamapsychiatry.2019.1937

eFigure 1. Database Search Entry

eFigure 2. Relative Risk (RR) of Incidence of Non-Affective Psychosis in Refugees Compared to the Native Population

eFigure 3. Funnel Plot of Main Analysis

References

This supplementary material has been provided by the authors to give readers additional information about their work.

eFigure 1. Database Search Entry

Search term for the systematic literature search as used in Embase, PsycINFO, and Pubmed from 1977 to March 8th 2018:

migrant OR migrants OR migration OR immigration OR immigrant OR immigrants OR ethnicity OR refugee OR refugees OR asylum seeker OR asylum seekers OR minority OR minorities OR ethnic density

AND

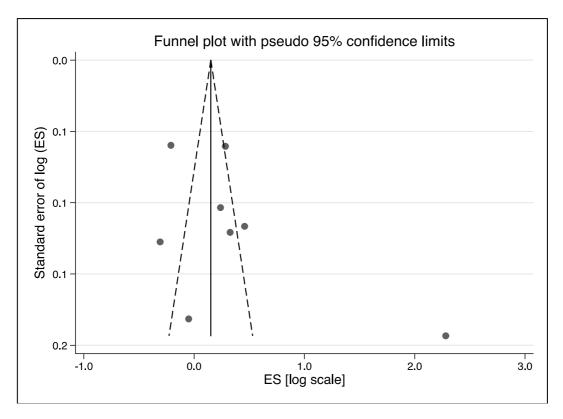
psychotic OR psychosis OR schizophrenia OR schizophrenic OR schizoaffective

eFigure 2. Relative Risk (RR) of Incidence of Non-Affective Psychosis in Refugees Compared to the Native Population

Study					%
ID	ES (95% CI)	RR increased in Non-Refugee Migrants	RR increased I Refugees	d in	Weight
Risk of Bias: Low					
Manhica et al. (2016) ¹	4.64 (4.09, 5.25)				10.02
Hollander et al. (2016) ²	3.61 (2.87, 4.53)				9.94
Anderson et al. (2015) ³	1.24 (0.86, 1.81)	_			10.22
Norredam et al. (2009) ⁴	2.03 (1.72, 2.40)				10.33
Barghadouch et al. (2018) ⁵	1.81 (1.41, 2.32)				9.36
Subtotal (I-squared = 96.3%, p = 0.000)	2.41 (1.51, 3.85)			\geq	49.86
Risk of Bias: High/Unknown					
Sundquist et al. (2004) ⁶	1.91 (1.76, 2.08)		-		9.55
Leao et al. (2006) ⁷ , 2. Generation	1.88 (1.35, 2.63)			<u> </u>	9.69
Leao et al. (2005) ⁸	1.71 (1.39, 2.10)				10.40
Leao et al. (2006) ⁷	1.43 (1.31, 1.56)		-		10.10
lversen et al. (2003) ⁹	15.63 (11.51, 21.2	22)			
Subtotal (I-squared = 98.2%, p = 0.000)	2.63 (1.63, 4.24)				50.14
Overall (I-squared = 98.0%, p = 0.000)	2.52 (1.78, 3.57)		<		100.00
NOTE: Weights are from random effects anal	ysis				
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Forest plot of relative risk (RR) of non-affective psychosis incidence in refugees compared to the native population in "low" risk of bias studies and "high/unknown" risk of bias studies. The square data markers indicate relative risk (RR) in primary studies, with sizes reflecting the statistical weight of the study using random-effects meta-analysis. The horizontal lines indicate 95% CIs. The blue diamond data markers represent the subtotal and overall RR and 95% CI. The vertical dashed line shows the summary effect estimate and the continuous line shows the line of no effect (RR = 1). Unless otherwise stated, refugees are first generation cohorts. ES = effect size, HR = hazard ratio, RaR = rate ratio.

eFigure 3. Funnel Plot of Main Analysis



Funnel plot of relative risk (RR) of incidence of non-affective psychosis in refugees compared to non-refugee migrants. ES = Effect Size.

References

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