

Data supplement to Dückers et al. A vulnerability paradox in the cross-national prevalence of post-traumatic stress disorder. Br J Psychiatry doi: 10.1192/bjp.bp.115.176628

Table DS1 Details of studies and outcome data by country (see Table DS2 for references)

#	Country (abbreviation)	Source (authors, year of publication)	Population (N, response rate, age)	CIDI ver- sion	Data collection period	Lifetime PTSD prevalence (%)	Exposure to trauma (%)	Vulnerability score (0-100)▲
1	Australia (AUS)	Chapman et al., 2012	8841, 60%, ≥16	3.0	2007	7.2	74.9	29.99
2	Belgium (BEL)	Bruffaerts et al., 2008♦	1043, 50.7%, ≥18	3.0	2001-2002	2.6	62.3●	29.35
3	Brazil (BRA)	Viana et al., 2012♦	2942, 81.3%, ≥18	3.0	2005-2007	3.2	NA	44.73
4	Bulgaria (BGR)	Okoliyski et al., 2010	5318, 72%, ≥18	3.0	2003-2007	1.9	NA	38.03
5	Canada (CAN)	Van Ameringen et al., 2008	2991, 68.1%, ≥18	2.1	2002	9.2	76.01	31.02
6	China (CHN)	Huang et al., 2008♦	5201, 74.7%, 18-70	3.0	2001-2002	0.3	NA	47.87
7	Colombia (COL)	Posada-Villa et al., 2008♦	2381, 87.7%, 18-65	3.0	2003-2004	1.8	80.6●	49.90
8	France (FRA)	Arbabzadeh-Bouchez et al., 2008♦	2894, 46%, ≥18	3.0	2001-2002	3.9	NA	30.11
9	Germany (DEU)	Alonso et al., 2008♦	1323, 57.8%	3.0	2002-2003	1.6	61.9●	28.39
10	Iraq (IRQ)	Alhasnawi et al., 2009	4332, 95.2%, ≥18	3.0	2006-2007	2.5	NA	59.79
11	Israel (ISR)	Levinson et al., 2008♦	4859, 72.6%, ≥21	3.0	2003-2004	1.5	71.8●	38.89
12	Italy (ITA)	Carmassi et al., 2014♦	1779, 71.3%, ≥18	3.0	2000-2003	2.3	52.3●	35.22

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13	Japan (JPN)	Kawakami et al., 2014	1682, 55.1%, ≥20	3.0	2002-2006	1.3	56.1●	30.71
14	Lebanon (LBN)	Karam et al., 2008♦	2857, 70%, ≥18	3.0	2002-2003	3.4	68.8*	45.35
15	Mexico (MEX)	Borges et al., 2014♦	2362, 76.6%, 18-65	3.0	2001-2002	1.5	68.8	46.17
16	Netherlands (NLD)	De Vries et al., 2009	1087, 51.9%, ≥18	2.1	2004-2005	7.4	80.7	28.67
17	New Zealand (NZL)	Oakley-Browne et al., 2008♦ ³	7312, 73.3%, ≥18	3.0	2003-2004	6.1	75.9●	30.38
18	Nigeria (NGA)	Gureje et al., 2006♦	4984, 79.9%, ≥18	3.0	2002	0.0	NA	68.99
19	Romania (ROM)	Florescu et al., 2014	2357, 70.9%, ≥18	3.0	2005-2007	1.2	41.5	41.95
20	South Africa (ZAF)	Atwoli et al., 2013♦	4351, 85%, ≥18	3.0	2002-2004	2.3	73.8	48.07
21	South Korea (KOR)	Cho et al., 2007	6258, 79.8%, ≥18	2.1	2001	1.7	NA	33.19
22	Spain (ESP)	Haro et al., 2008♦	2121, 78.6%, ≥18	3.0	2001-2002	2.0	49.5●	33.00
23	Ukraine (UKR)	Bromet et al., 2008♦	1720, 78.3, ≥18	3.0	2002	4.8	NA	41.92
24	United States (USA)	Kessler et al., 2005♦	5692, 70.9%, ≥18	3.0	2001-2003	6.8	79.4●	32.57
	Total	-	70.9%	3.0 87.5%	2001-2007	24 countries N = 86,687	16 countries	24 countries

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							N = 53,038	

Legend: NA = not available * Exposure to war ▲ World Risk Report 2013 ♦ (also in) Kessler & Üstün, 2008 ● Scott et al., 2013

Table DS2 References for Table DS1

#	Country	Source
1	Australia (AUS)	Chapman C, Mills K, Slade T, McFarlane AC, Bryant RA, Creamer M, Silove D, Teesson M. Remission from post-traumatic stress disorder in the general population. <i>Psychol Med</i> 2012; 42 :1695–703.
2	Belgium (BEL)	Bruffaerts R, Bonnewyn A, Demyttenaere K. <i>Mental health in Belgium: current situations and future perspectives</i> . In: Kessler RC, Ustun TB (Eds.) (2008). <i>The WHO World Mental Health Surveys: Global perspectives on the epidemiology of mental disorders</i> . New York: Cambridge University Press, p279-304.
3	Brazil (BRA)	Viana MC, Andrade LH. Lifetime Prevalence, Age and gender distribution and age-of-onset of psychiatric disorders in the São Paulo Metropolitan Area, Brazil: results from the São Paulo Megacity Mental Health Survey. <i>Rev Bras Psiquiatr</i> 2012; 34 :249-60.
4	Bulgaria (BGR)	Okoliyski M, Zarkov Z, Broshtilov A, Hinkov H, Nakov V, Dinolova R, Dimitrov P, Tomov T. National representative epidemiological study of common psychiatric disorders in Bulgaria (2003-2007): twelve-month and lifetime prevalence, severity and co-morbidity. <i>Bulg J Public Health</i> 2010; 2 :2-13.

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5	Canada (CAN)	Van Ameringen M, Mancini C, Patterson B, & Boyle MH. Post-traumatic stress disorder in Canada. <i>CNS Neurosci Ther</i> 2008; 14 :171-81.
6	China (CHN)	Huang Y, Liu Z, Zhang M, Shen Y, Him Adley Tsang C, He Y, Lee S. Mental disorders and service use in China. In: Kessler RC, Ustun TB (Eds.) (2008). <i>The WHO World Mental Health Surveys: Global perspectives on the epidemiology of mental disorders</i> . New York: Cambridge University Press, p447-73.
7	Colombia (COL)	Posada-Villa J, Rodríguez M, Duque P, Garzón A, Aguilar-Gaxiola S, Breslau J. Mental disorders in Colombia: results from the World Mental Health Survey. In: Kessler RC, Ustun TB (Eds.) (2008). <i>The WHO World Mental Health Surveys: Global perspectives on the epidemiology of mental disorders</i> . New York: Cambridge University Press, p131-43.
8	France (FRA)	Arbabzadeh-Bouchez S, Gasquet I, Kovess-Masfety V, Negre-Pages L, Lépine J-P. The prevalence of mental disorders and service use in France: results from a national survey 2001-2002. In: Kessler RC, Ustun TB (Eds.) (2008). <i>The WHO World Mental Health Surveys: Global perspectives on the epidemiology of mental disorders</i> . New York: Cambridge University Press, p305-30.
9	Germany (DEU)	Alonso J, Kessler RC. Prevalence and treatment of mental disorders in Germany: results from the European Study of the Epidemiology of Mental Disorders (ESEMeD) Survey. In: Kessler RC, Ustun TB (Eds.) (2008). <i>The WHO World Mental Health Surveys: Global perspectives on the epidemiology of mental disorders</i> . New York: Cambridge University Press, p331-45.
10	Iraq (IRQ)	Alhasnawi S, Sadik S, Rasheed M, Baban A, Al-Alak MM, Othman AY, et al. The prevalence and correlates of DSM-IV disorders in the Iraq Mental Health Survey (IMHS). <i>World Psychiatry</i> 2009; 8 :97-109.

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11	Israel (ISR)	Levinson D, Lerner Y, Zilber N, Levav I, Polakiewicz J. The prevalence of mental disorders and service use in Israel: results from the National Health Survey 2001-2003. In: Kessler RC, Ustun TB (Eds.) (2008). <i>The WHO World Mental Health Surveys: Global perspectives on the epidemiology of mental disorders</i> . New York: Cambridge University Press, p364-87.
12	Italy (ITA)	Carmassi C, Dell'Osso L, Manni C, Candini V, Dagani J, Iozzino L, et al. Frequency of trauma exposure and post-traumatic stress disorder in Italy: analysis from the World Mental Health Survey Initiative. <i>J Psychiatr Res</i> 2014; 59 :77-84.
13	Japan (JPN)	Kawakami N, Tsuchiya M, Umeda M, Koenen KC, Kessler RC & World Mental Health Japan Survey Group. Trauma and posttraumatic stress disorder in Japan: results from the World Mental Health Japan Survey. <i>J Psychiatr Res</i> 2014; 53 :157-65.
14	Lebanon (LBN)	Karam, A. I. G., Mneimneh, Z. N., Dimassi, H., Fayyad, J. A., Karam, A. e. N., Nasser, S. C. et al. Lifetime prevalence of mental disorders in Lebanon: first onset, treatment, and exposure to war. <i>PLoS Med</i> 2008; 5 :e61.
15	Mexico (MEX)	Borges G, Benjet C, Petukhova M, & Medina-Mora ME. Posttraumatic stress disorder in a nationally representative Mexican community sample. <i>J Trauma Stress</i> 2014; 27 :323-330.
16	Netherlands (NLD)	De Vries GJ & Olff M. The lifetime prevalence of traumatic events and posttraumatic stress disorder in the Netherlands. <i>J Trauma Stress</i> 2009; 22 :259-67.
17	New Zealand (NZL)	Oakley-Browne MA, Wells JE, Scott KM. Te Rau Hinengaro: The New Zealand Mental Health Survey. In: Kessler RC, Ustun TB (Eds.) (2008). <i>The WHO World Mental Health Surveys: Global perspectives on the epidemiology of mental disorders</i> . New York: Cambridge University Press, p486-508.

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18	Nigeria (NGA)	Gureje O, Lasebikan VO, Kola L & Makanjuola VA. Lifetime and 12-month prevalence of mental disorders in the Nigerian Survey of Mental Health and Well-Being. <i>Br J Psychiatry</i> 2006; 188 :465-71.
19	Romania (ROM)	Florescu S, Mihaescu-Pintia C, Ciutan M, Sasu C, Gălăon M. Trauma and posttraumatic stress disorder in Romania. <i>Eur J Public Health</i> 2014; 24.
20	South Africa (ZAF)	Atwoli L, Stein DJ, Williams DR, McLaughlin KA, Petukhova M, Kessler RC, et al. Trauma and posttraumatic stress disorder in South Africa: analysis from the South African Stress and Health Study. <i>BMC Psychiatry</i> 2013; 13 :182.
21	South Korea (KOR)	Cho MJ, Kim JK, Jeon HJ, Suh T, Chung IW, Hong JP. et al. Lifetime and 12-month prevalence of DSM-IV psychiatric disorders among Korean adults. <i>J Nerv Ment Dis</i> 2007; 195 :203-10.
22	Spain (ESP)	Haro JM, Alonso J, Pinto-Meza A, Saiz GM, Fernández A, Codony M, Martínez M, Domingo A, Torres JV, Almansa J, Ochoa S, Autonell J. The epidemiology of mental disorders in the general population of Spain. In: Kessler RC, Ustun TB (Eds.) (2008). <i>The WHO World Mental Health Surveys: Global perspectives on the epidemiology of mental disorders</i> . New York: Cambridge University Press, p406-30.
23	Ukraine (UKR)	Bromet EJ, Gluzman SF, Tintle NL, Paniotto VI, Webb CPM, Zakhoska V, Havenaar JM, Gutkovic Z, Kostyuchenko S, Schwartz JE. The state of mental health and alcoholism in Ukraine. In: Kessler RC, Ustun TB (Eds.) (2008). <i>The WHO World Mental Health Surveys: Global perspectives on the epidemiology of mental disorders</i> . New York: Cambridge University Press, p431-45.
24	United States (USA)	Kessler RC, Berglund PA, Demler O, Jin R, Merikangas KR & Walters EE. Lifetime prevalence and age-of-onset distributions of

#	Country	Source
		DSM-IV disorders in the National Comorbidity Survey Replication. <i>Arch Gen Psychiatry</i> 2005; 62 :593-602.