**Table 1. Studies on PLE: characteristics and findings**

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| ***Author/yea***  ***Coutry*** | ***Symptom*** | ***Migrant /ethnicity*** | ***Period*** | ***N*** | ***Setting*** | ***Instrument*** | ***Reference group*** | ***Ethnic /migrant groups*** | ***Unadjusted OR***  ***(95% CI)*** | | ***Adjusted OR***  ***(95% CI)*** | | ***Adjustments*** | ***Quality***  ***assesment*** |
| **Schwab (1977)**  **USA** | H | Ethnicity | LT | 2 333 | Survey in Florida  General population | Questions | Caucasian | Black | 1.9 (1.3-2.6) \* | | - | | - | 15 |
| **Johns et al. (2002)**  **UK** | H | Ethnicity | 12 | 8 063 | National survey of ethnic minorities 1993-1994  General population | PSQ | White | Caribbean  South Asian | 2.4 (1.5-3.7) \*  0.4 (0.2-0.8) | | - | | - | 16 |
| Johns et al. (2004)  UK | PLE  H  D | Ethnicity | 12 | 8 520 | National survey of psychiatric morbidity in Great Britain 2000  General population | PSQ | White | Black  South Asian  Other  Black  South Asian  Other  Black  South Asian  Other | PLE  Hallucinations  Delusions | 2,2 (1,4-3,6)  1,9 (1,1-3,0)  1,0 (0,5-1,9)  1,3 (0,7-2,2)  0,9 (0,5-1,7)  1,8 (1,1-3,0)  2,2 (1,1-4,4)  2,3 (1,2-4,3)  0,6 (0,1-2,3) | -  -  -  -  -  -  2,4 (0,9-6,2)  0,2 (0,0-2,1)  - | | Victimization and stressful life events, drug | 19 |
| **King et al. (2005)**  **UK** | PLE | Ethnicity | 12 | 4 281 | EMPIRIC 1999 health survey for England HSE99  General population | PSQ | White (without Irish) | Irish  Black Caribbean  Bangladeshi  Indian  Pakistani | 1.3 (0.8-2.1)  2.1 (1.4-32)  0.8 (0.4-1.3)  1.4 (0.9-2.3)  1.7 (1.1-2.6) | | 1,2 (0.7-2.1)  1,8 (1.1-3.0)  0,6 (0.3 1.2)  1,4 (0.8 2.5)  1,3 (0.7 2.2) | | Age and urban dwelling | 19 |
| Scott et al. (2006)  Australia | D | Migrant status | 12 | 10 641 | 1997 national survey of mental health and wellbeing  General population | CIDI | Born  in the country | Non-English speaker English speaker | - | | 1,3 (1.1- 1.5)  1,0 (0.8- 1.2) | | Age and sex | 20 |
| **Vanheusden et al. (2008**)  Netherlands | H | Ethnicity | 12 | 2 258 | General population 2004-2005  General population | ASR | Dutch | Turkey  Morocco  Surinam  Indonesia  Other non-western  Other western | 6,6 (3,5-12,5)  4,8 (2,1-10,7)  2,1 (1,0-4,5)  4,1 (1,6-10-1)  3,5 (1,6-7,8)  0,5 (0,1-2,2) | | 5,1 (2,6-10,0)  3,1 (1,3-7,3)  1,5 (0,7-3,4)  3,8 (1,5-9,7)  2,9 (1,3-6,6)  0,4 (0,1-1,8) | | Age, sex, cannabis and social adversity | 18 |
| **Morgan et al. (2009)**  **UK** | PLE | Ethnicity | 12 | 372 | AESOP  General population | PSQ | White British | Other White  Black Caribbean  Black African  Asian  Other | 1,4 (0,5-3,5)  2,0 (1,0-4,1)  4,5 (1,6-12,4)  0,9 (0,1-8,2)  3,5 (1,6-7.8) | | 1,4 (0,5-3,7)  1,1 (0,4-2,8)  3,4 (1,1-10,4)  0,7 (0,0-8,9)  2,2 (0,5-8,5) | | Age, sex, childhood early separation and adult social disadvantage | 19 |
| Breevelt et al.  (2010) | PLE | Ethnicity | Last week | 4984 | Utrecht Health Project (UHP)  General population | SCL-90 | Dutch | No-Dutch | 2.7 (2.1-3.6) | | - | | - | 19 |
| Freeman  et al. (2011) | D | Ethnicity | 12 | 7281 | APMS 2007  General population | PSQ | White British | Black  South Asian  Mixed/other | 6,6 (3,4-12,8)  2,0 (0,8-5,0)  2,6 (1,0-6,7) | | - | | - | 18 |
| **Temmingh**  **et al. (2011)** | H | Ethnicity | LT | 4 250 | South African Stress and Health Study  General population | CIDI | White | Black  Coloured  Indian | 1.5 (1.0-2.2) \*  0.6 (0.4-1.1)  0.8 (0.4-1.6) | | - | | - | 17 |
| **Binbay**  **et al. (2012)** | PLE | Ethnicity | LT | 4011 | TûrkSchi study  General population | CIDI  (5 levels of expression of psychosis) | Turkish | non Turkish | *p*=0.6 | | - | | - | 18 |
| **Subramanian et al. (2012)** | PLE | Ethnicity | 12 | 23 248 | Males 16-26 y  200-2005  Pre- enlistees national service) | SRQ 24 | Chinese | Malays  Indians  Other | 1.1 (1.0-1.3) \*  0.9 (0.7-1.1)  1.0 (0.6-1.5) | | 1,0 (0,8-1,2)  0,7 (0,5-0,9)  0,7 (0,3-1,2) | | Socio-demographic and psychiatric disorders | 16 |
| **Cohen and Marino**  **(2013)** | PLE | Ethnicity | 12  LT | 16 423 | CPES : N16CS-R, NSAL, NLAAS  General population | CIDI | White | Asian  Latino  Black  Other | Current PLE\*  2,1 (1.3-3.3)  3,7 (2.5-5.4)  4.9 (3.5-6.9)  0,6 (0.1-4.9) | Lifetime PLE\*  0.9 (0.8-1.1)  1.4 (1.2-1.6)  1.6 (1.4-1.8)  2.1 (1.4-3.2) | Current PLE  2.0 (1,0-4,1)  3,3 (1,9-5,8)  3,6 (1,7-7,8)  0,1 (0,0-0,6) | Lifetime PLE  1.3 (1.0-1.7)  1.7 (1.3-2.2)  2.0 (0.9-4.2)  1.4 (0.3-6.0) | Age, sex stress, drug use | 19 |
| Cohen and Marino  (2013) | H  D | Ethnicity | LT | 16 423 | CPES : N16CS-R, NSAL, NLAAS  General population | CIDI | White | Asian  Latino  Black  Other | Hallucinations  0.9 (0.8-1.1)  1.4 (1.2-1.6)  1.7 (1.5-1.9)  2.4 (1.5-3.5) | Delusions  1.0 (0.7-1.5)  1.4 (1.0-2.0)  1.4 (1.0-1.8)  0.5 (0.1-2.1) |  | |  | 20 |
| Saha et al. (2013) | D | Ethnic minorities | LT | 8 773 | 2007 national survey of mental health and wellbeing  General population | CIDI | Native  born | 1rst and 2nd generations migrants | - | | 1.1 (0,9-1,5) (1)  1,3 (1,0-1,7) (2) | | (1) sex, age  (2) sex, age, gender, marital status, drug use, anxiety, depressive disorders | 14 |
| DeVylder  et al. (2014) | PLE | Ethnicity/  Migrant status | LT |  | CPES : NCS-R, NSAL, NLAAS  General population | CIDI | White | White  Asian  Latino  Black | - | | Ethnicity  5.0 (2.9-8.7)  2.4(0.8-6.8)  3.0 (1.4-6.4)  6.1 (3.8-9.6) | Migrant  1.1(0.6-2.1)  0.7(0.4-1.1)  0.8(0.5-1.2)  0.8(0.5-1.2) | Number of psychiatric diagnosis,  socio-demographic | 19 |
| **Morgan**  **et al. (2014)** | PLE | Ethnicity | 12 | 1 680 | SELCOH population-based household 2008-2010  General population | PSQ | White British | Non-white | 1,5 (1.1-1.9) | | 1,6 (1,2-2,1) | | Age and sex | 20 |
| Wickham  et al. (2014) | PLE | Ethnicity | 12 | 7 353 | APMS 2007  General population | PSQ | British | Other | - | | 2,4 (1,4-4,1) (model 2)  2,2 (1,3-3,7) (model 3) | | Model 2=age, sex AVH  Model 3= stress, lack of social support, discrimination | 20 |
| Oh  et al. (2015) | PLE | Migrant status by ethnicity (first generation) | LT/12 | 11 197 | CPES : NCS-R, NSAL, NLAAS  General population | CIDI | White | White  Asian  Latino  Black | 1,3 (0,59-2,96)  0,8 (0,36-1,86)  0,6 (0,34-1,25)  0,6 (0,31-1,44) | | 2,7 (0,7-9,3)  1,2 (0,6-2,7)  0,3 (0,2-0,5)  0,6 (0,2-1,6) | | Socio-demographic | 19 |
| McGrath et al. (2015) | PLE  H  D | Migrant  Status | LT | 31 261 | WHO Heath Survey 2001-2009  General population | CIDI | Born  in the country | Foreign born | Model 1  PLE= 0,8 (0,6-1,0)  H= 0,7 (0,5-0,9)  D= 1,3 (0,8-2,1) | | Model 2  0,8 (0,6-1,0)  0,7 (0,5-0,9)  1,4 (0,9-2,2) | | Model 1: country  Model 2: age, sex, employment, education, house income | 17 |

\*Calculated from percentages given in the study;

Type: H= hallucinations, D= delusions, PLE= psychotic -like experiences

Period: 12 (months); LT= lifetime

PLE = psychotic like experiences; D = delusions; H = hallucinations; AVH = auditory verbal hallucination

In bold: studies included in the metanalysis