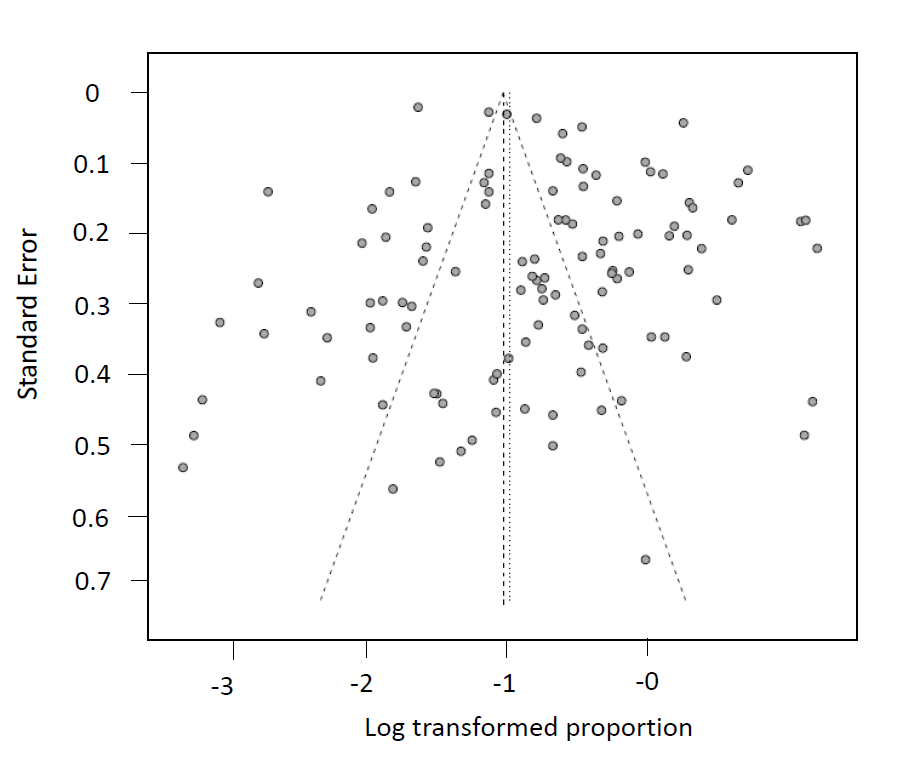
**This is an electronic supplementary material accompanying the paper “Prevalence of overweight and obesity in people with severe mental illness: systematic review and meta analysis”**

**Supplementary Table 1.** Characteristics of the eligible studies

| **Author** | **Sample size** | **SMIa** | **Setting** | **Country** | **WB region** | **WB income classification** | **Study design** | **Comparison with the general population** | **Comparison Males and Females** | **Overall risk of bias** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Silversone 1988 [(1)](https://paperpile.com/c/3JPyg8/WFk4) | 226 | Schizophrenia | Outpatient | England | Europe & Central Asia | HIC | Cross-sectional | No | Yes | Medium |
| Elmslie 2000 [(2)](https://paperpile.com/c/3JPyg8/IbKa) | 89 | Bipolar disorders | Out and Inpatient | New Zealand | East Asia & Pacific | HIC | Cross-sectional | Yes | Yes | Low |
| Coodin 2001 [(3)](https://paperpile.com/c/3JPyg8/ax5V) | 183 | Schizophrenia | Inpateint | Canada | North America | HIC | Cross-sectional | Yes | No | High |
| Davidson 2001 [(4)](https://paperpile.com/c/3JPyg8/m6UI) | 234 | Any | Outpatient | Australia | East Asia & Pacific | HIC | Cross-sectional | Yes | Yes | High |
| Winkelman 2001 [(5)](https://paperpile.com/c/3JPyg8/W5VZ) | 46 | Schizophrenia | Outpatient | US | North America | HIC | Cross-sectional | No | No | Medium |
| Winkelman 2001 [(5)](https://paperpile.com/c/3JPyg8/W5VZ) | 92 | Bipolar disorders | Outpatient | US | North America | HIC | Cross-sectional | No | No | Medium |
| Strassnig 2003 [(6)](https://paperpile.com/c/3JPyg8/LxbK) | 146 | Schizophrenia | Outpatient | US | North America | HIC | Cross-sectional | No | No | Low |
| Daumit 2003 [(7)](https://paperpile.com/c/3JPyg8/aqlu) | 223 | Any | Inpateint | US | North America | HIC | Cross-sectional | Yes | Yes | High |
| Hsiao 2004 [(8)](https://paperpile.com/c/3JPyg8/GLSP) | 201 | Schizophrenia | Outpatient | Taiwan | East Asia & Pacific | LMIC | Cross-sectional | Yes | Yes | High |
| Strassnig 2005 [(9)](https://paperpile.com/c/3JPyg8/x7wX) | 143 | Schizophrenia | Outpatient | US | North America | HIC | Cross-sectional | No | No | Low |
| Fagiolini 2005 [(10)](https://paperpile.com/c/3JPyg8/jlh6) | 171 | Bipolar disorders | Outpatient | US | North America | HIC | Cross-sectional | No | No | Low |
| Wang 2006 [(11)](https://paperpile.com/c/3JPyg8/cvvW) | 377 | Bipolar disorders | Community | US | North America | HIC | Cross-sectional | No | Yes | High |
| DeHert 2006 [(12)](https://paperpile.com/c/3JPyg8/wBLd) | 300 | Any | Out and Inpatient | Belgium | Europe & Central Asia | HIC | Cross-sectional | No | No | High |
| Dickerson 2006 [(13)](https://paperpile.com/c/3JPyg8/xla1) | 169 | Any | Outpatient | US | North America | HIC | Cross-sectional | Yes | Yes | Low |
| Faulkner 2007 [(14)](https://paperpile.com/c/3JPyg8/pS4H) | 90 | Schizophrenia | Inpateint | Canada | North America | HIC | Cross-sectional | No | No | Low |
| Henderson 2006 [(15)](https://paperpile.com/c/3JPyg8/WLQW) | 88 | Schizophrenia | Out and Inpatient | US | North America | HIC | Cross-sectional | No | No | High |
| Kitabayashi 2006 [(16)](https://paperpile.com/c/3JPyg8/KLPb) | 273 | Schizophrenia | Inpateint | Japan | East Asia & Pacific | HIC | Cross-sectional | Yes | Yes | Low |
| Leitao-azevedo 2006 [(17)](https://paperpile.com/c/3JPyg8/Uh1h) | 121 | Schizophrenia | Outpatient | Brazil | Latin America & Carribean | HIC | Cross-sectional | No | No | Low |
| Feeney 2007 [(18)](https://paperpile.com/c/3JPyg8/sVIc) | 122 | Schizophrenia | Out and Inpatient | Ireland | Europe & Central Asia | HIC | Cross-sectional | No | No | Medium |
| Hellerstein 2007 [(19)](https://paperpile.com/c/3JPyg8/UdZY) | 69 | Schizophrenia | Outpatient | England | Europe & Central Asia | HIC | Cross-sectional | No | Yes | Medium |
| Kim 2008 [(20)](https://paperpile.com/c/3JPyg8/CNUI) | 179 | Bipolar disorders | Inpateint | South Korea | East Asia & Pacific | HIC | Cross-sectional | No | No | Medium |
| Mackin 2007 [(21)](https://paperpile.com/c/3JPyg8/5A5h) | 106 | Any | Outpatient | England | Europe & Central Asia | HIC | Cross-sectional | No | Yes | Low |
| Nishiyama 2007 [(22)](https://paperpile.com/c/3JPyg8/vgrR) | 208 | Schizophrenia | Inpateint | Japan | East Asia & Pacific | HIC | Cross-sectional | Yes | Yes | Medium |
| Tirupati 2007 [(23)](https://paperpile.com/c/3JPyg8/NRi2) | 221 | Any | Out and Inpatient | Australia | East Asia & Pacific | HIC | Cross-sectional | No | No | High |
| Maina 2008 [(24)](https://paperpile.com/c/3JPyg8/ndYc) | 76 | Bipolar disorders | Out and Inpatient | Italy | Europe & Central Asia | HIC | Cross-sectional | No | No | High |
| Ainsah 2008 [(25)](https://paperpile.com/c/3JPyg8/yWpy) | 97 | Schizophrenia | Outpatient | Malaysia | East Asia & Pacific | LMIC | Cross-sectional | No | No | High |
| Correll 2008 [(26)](https://paperpile.com/c/3JPyg8/Etl1) | 185 | Any | Inpateint | US | North America | HIC | Cross-sectional | No | No | High |
| Limosin 2008 [(27)](https://paperpile.com/c/3JPyg8/2FIv) | 5962 | Schizophrenia | Out and Inpatient | France | Europe & Central Asia | HIC | Cross-sectional | No | Yes | Low |
| McLaren 2008 [(28)](https://paperpile.com/c/3JPyg8/bdBM) | 5137 | Any | Out and Inpatient | Canada | North America | HIC | Cross-sectional | No | No | Medium |
| VanWinkel 2008 [(29)](https://paperpile.com/c/3JPyg8/CXkz) | 60 | Bipolar disorders | Outpatient | Belgium | Europe & Central Asia | HIC | Cross-sectional | No | No | High |
| Calkin 2009 [(30)](https://paperpile.com/c/3JPyg8/2WTk) | 276 | Bipolar disorders | Inpateint | Canada | North America | HIC | Cross-sectional | No | No | Medium |
| Bell 2009 [(31)](https://paperpile.com/c/3JPyg8/cDmN) | 819 | Schizophrenia | Outpatient | US | North America | HIC | Cross-sectional | No | No | Low |
| Bernado 2009 [(32)](https://paperpile.com/c/3JPyg8/9VVm) | 733 | Schizophrenia | Inpateint | Spain | Europe & Central Asia | HIC | Cross-sectional | No | No | Low |
| Boden 2009 [(33)](https://paperpile.com/c/3JPyg8/0Njp) | 59 | Schizophrenia | Outpatient | Sweden | Europe & Central Asia | HIC | Cohort | No | No | Low |
| deAlmeida 2009 [(34)](https://paperpile.com/c/3JPyg8/xV1z) | 84 | Bipolar disorders | Outpatient | Brazil | Latin America & Carribean | LMIC | Cross-sectional | No | No | Medium |
| Fiedorowicz 2008 [(35)](https://paperpile.com/c/3JPyg8/TQkj) | 217 | Bipolar disorders | Inpateint | US | North America | HIC | Cross-sectional | Yes | No | High |
| Huang 2009 [(36)](https://paperpile.com/c/3JPyg8/NJk8) | 650 | Schizophrenia | Inpateint | Taiwan | East Asia & Pacific | LMIC | Cross-sectional | No | Yes | Low |
| UmaDevi 2009 [(37)](https://paperpile.com/c/3JPyg8/nXRp) | 60 | Schizophrenia | Inpateint | India | South Asia | LMIC | Cross-sectional | No | No | High |
| Vancampfort 2011 [(38)](https://paperpile.com/c/3JPyg8/E3I2) | 60 | Schizophrenia | Inpateint | Belgium | Europe & Central Asia | HIC | Cross-sectional | No | No | High |
| Correll 2010 [(39)](https://paperpile.com/c/3JPyg8/ErP7) | 10084 | Any | Outpatient | US | North America | HIC | Cross-sectional | No | No | Low |
| Lee 2010 [(40)](https://paperpile.com/c/3JPyg8/zl2u) | 152 | Bipolar disorders | Out and Inpatient | South Korea | East Asia & Pacific | HIC | Cross-sectional | Yes | Yes | Low |
| Mahendran 2010 [(41)](https://paperpile.com/c/3JPyg8/brfa) | 266 | Schizophrenia | Outpatient | Singapore | East Asia & Pacific | HIC | Cohort | No | Yes | High |
| Arango 2011 [(42)](https://paperpile.com/c/3JPyg8/rfEw) | 1452 | Schizophrenia | Outpatient | Spain | Europe & Central Asia | HIC | Cross-sectional | No | No | Medium |
| Chu 2011 [(43)](https://paperpile.com/c/3JPyg8/dCe9) | 878 | Schizophrenia | Inpateint | Taiwan | East Asia & Pacific | LMIC | Cross-sectional | No | No | Low |
| Falissard 2011 [(44)](https://paperpile.com/c/3JPyg8/QOgK) | 484 | Schizophrenia | Outpatient | Bulgaria | Europe & Central Asia | LMIC | Cross-sectional | No | No | Low |
| Falissard 2011 [(44)](https://paperpile.com/c/3JPyg8/QOgK) | 163 | Schizophrenia | Outpatient | Czech Republic | Europe & Central Asia | HIC | Cross-sectional | No | No | Low |
| Falissard 2011 [(44)](https://paperpile.com/c/3JPyg8/QOgK) | 106 | Schizophrenia | Outpatient | Estonia | Europe & Central Asia | HIC | Cross-sectional | No | No | Low |
| Falissard 2011 [(44)](https://paperpile.com/c/3JPyg8/QOgK) | 57 | Schizophrenia | Outpatient | Germany | Europe & Central Asia | HIC | Cross-sectional | No | No | Low |
| Falissard 2011 [(44)](https://paperpile.com/c/3JPyg8/QOgK) | 261 | Schizophrenia | Outpatient | Greece | Europe & Central Asia | HIC | Cross-sectional | No | No | Low |
| Falissard 2011 [(44)](https://paperpile.com/c/3JPyg8/QOgK) | 145 | Schizophrenia | Outpatient | Italy | Europe & Central Asia | HIC | Cross-sectional | No | No | Low |
| Falissard 2011 [(44)](https://paperpile.com/c/3JPyg8/QOgK) | 119 | Schizophrenia | Outpatient | Latvia | Europe & Central Asia | HIC | Cross-sectional | No | No | Low |
| Falissard 2011 [(44)](https://paperpile.com/c/3JPyg8/QOgK) | 195 | Schizophrenia | Outpatient | Lithuania | Europe & Central Asia | HIC | Cross-sectional | No | No | Low |
| Falissard 2011 [(44)](https://paperpile.com/c/3JPyg8/QOgK) | 92 | Schizophrenia | Outpatient | Romania | Europe & Central Asia | LMIC | Cross-sectional | No | No | Low |
| Falissard 2011 [(44)](https://paperpile.com/c/3JPyg8/QOgK) | 383 | Schizophrenia | Outpatient | Russia | Europe & Central Asia | HIC | Cross-sectional | No | No | Low |
| Falissard 2011 [(44)](https://paperpile.com/c/3JPyg8/QOgK) | 91 | Schizophrenia | Outpatient | Slovenia | Europe & Central Asia | HIC | Cross-sectional | No | No | Low |
| Falissard 2011 [(44)](https://paperpile.com/c/3JPyg8/QOgK) | 174 | Schizophrenia | Outpatient | Turkey | Europe & Central Asia | HIC | Cross-sectional | No | No | Low |
| Goldstein 2011 [(45)](https://paperpile.com/c/3JPyg8/yAOe) | 43093 | Bipolar disorders | Outpatient | US | North America | HIC | Cohort | No | No | Low |
| McElroy 2011 [(46)](https://paperpile.com/c/3JPyg8/J5IJ) | 875 | Bipolar disorders | Community | UK | Europe & Central Asia | HIC | Cross-sectional | No | No | Low |
| Mookhoek 2011 [(47)](https://paperpile.com/c/3JPyg8/X3PT) | 256 | Schizophrenia | Inpateint | The Netherlands | Europe & Central Asia | HIC | Cross-sectional | No | No | Low |
| Udo 2011 [(48)](https://paperpile.com/c/3JPyg8/ATTw) | 30 | Any | Inpateint | Ireland | Europe & Central Asia | HIC | Cross-sectional | No | No | High |
| Inamura 2012 [(49)](https://paperpile.com/c/3JPyg8/9F8k) | 15171 | Schizophrenia | Inpateint | Japan | East Asia & Pacific | HIC | Cross-sectional | No | Yes | Low |
| Centorrino 2012 [(50)](https://paperpile.com/c/3JPyg8/r673) | 76 | Schizophrenia | Inpateint | US | North America | HIC | Cross-sectional | No | No | Low |
| Centorrino 2012 [(50)](https://paperpile.com/c/3JPyg8/r673) | 173 | Bipolar disorders | Inpateint | US | North America | HIC | Cross-sectional | No | No | Low |
| Choong 2012 [(51)](https://paperpile.com/c/3JPyg8/YNi2) | 196 | Schizophrenia | Outpatient | Switzerland | Europe & Central Asia | HIC | Cross-sectional | No | Yes | Low |
| Feiler 2012 [(52)](https://paperpile.com/c/3JPyg8/LNNP) | 106 | Any | Inpateint | Australia | East Asia & Pacific | HIC | Cross-sectional | Yes | Yes | Low |
| Galletly 2012 [(53)](https://paperpile.com/c/3JPyg8/kFjb) | 1286 | Any | Community | Australia | East Asia & Pacific | HIC | Cross-sectional | No | Yes | Low |
| Gurpegui 2012 [(54)](https://paperpile.com/c/3JPyg8/v87x) | 648 | Bipolar disorders | Outpatient | Spain | Europe & Central Asia | HIC | Cross-sectional | No | No | Low |
| Gurpegui 2012 [(54)](https://paperpile.com/c/3JPyg8/v87x) | 648 | Schizophrenia | Outpatient | Spain | Europe & Central Asia | HIC | Cross-sectional | No | No | Low |
| Lan 2012 [(55)](https://paperpile.com/c/3JPyg8/ZEjd) | 1030 | Schizophrenia | Inpateint | Taiwan | East Asia & Pacific | LMIC | Cross-sectional | No | Yes | Low |
| Lee 2012 [(56)](https://paperpile.com/c/3JPyg8/EKwj) | 100 | Schizophrenia | Out and Inpatient | Singapore | East Asia & Pacific | HIC | Cross-sectional | Yes | Yes | Low |
| Schuster 2012 [(57)](https://paperpile.com/c/3JPyg8/EMxw) | 3714 | Schizophrenia | Outpatient | France | Europe & Central Asia | HIC | Propective Longitudinal | No | No | Medium |
| Janney 2014 [(58)](https://paperpile.com/c/3JPyg8/dj3z) | 60 | Bipolar disorders | Community | US | North America | HIC | Cross-sectional | No | Yes | Medium |
| Sugawara 2013 [(59)](https://paperpile.com/c/3JPyg8/x85U) | 225 | Schizophrenia | Outpatient | Japan | East Asia & Pacific | HIC | Cross-sectional | No | Yes | Low |
| Bener 2014 [(60)](https://paperpile.com/c/3JPyg8/bLlL) | 233 | Schizophrenia | Outpatient | Qatar | Middle East & North Africa | HIC | Cross-sectional | Yes | Yes | Medium |
| Gordan 2012 [(61)](https://paperpile.com/c/3JPyg8/iOKF) | 261 | Schizophrenia | Outpatient | Brazil | Latin America & Carribean | LMIC | Cross-sectional | No | Yes | High |
| Guo 2013 [(62)](https://paperpile.com/c/3JPyg8/bZlr) | 1108 | Schizophrenia | Outpatient | China | East Asia & Pacific | LMIC | Cross-sectional | No | No | Low |
| Minsky 2013 [(63)](https://paperpile.com/c/3JPyg8/C5sb) | 586 | Any | Out and Inpatient | US | North America | HIC | Cross-sectional | No | No | High |
| Nunes 2014 [(64)](https://paperpile.com/c/3JPyg8/1tLH) | 25 | Schizophrenia | Outpatient | Brazil | Latin America & Carribean | HIC | Cross-sectional | Yes | Yes | Low |
| Suzuki 2013 [(65)](https://paperpile.com/c/3JPyg8/TKVZ) | 171 | Schizophrenia | Inpateint | Japan | East Asia & Pacific | HIC | Cohort | No | No | Medium |
| Depp 2014 [(66)](https://paperpile.com/c/3JPyg8/4FBQ) | 358 | Schizophrenia | Outpatient | US | North America | HIC | Cross-sectional | No | No | Low |
| Depp 2014 [(66)](https://paperpile.com/c/3JPyg8/4FBQ) | 400 | Bipolar disorders | Outpatient | US | North America | HIC | Cross-sectional | No | No | Low |
| Foldemo 2014 [(67)](https://paperpile.com/c/3JPyg8/uMYY) | 903 | Schizophrenia | Outpatient | Sweden | Europe & Central Asia | HIC | Cross-sectional | Yes | Yes | Medium |
| Post 2014 [(68)](https://paperpile.com/c/3JPyg8/rJdM) | 165 | Bipolar disorders | Outpatient | Germany | Europe & Central Asia | HIC | Propective Longitudinal | No | No | Medium |
| Post 2014 [(68)](https://paperpile.com/c/3JPyg8/rJdM) | 166 | Bipolar disorders | Outpatient | The Netherlands | Europe & Central Asia | HIC | Propective Longitudinal | No | No | Medium |
| Post 2014 [(68)](https://paperpile.com/c/3JPyg8/rJdM) | 676 | Bipolar disorders | Outpatient | US | North America | HIC | Propective Longitudinal | No | No | Medium |
| Subramaniam 2014 [(69)](https://paperpile.com/c/3JPyg8/goc8) | 973 | Schizophrenia | Outpatient | Singapore | East Asia & Pacific | HIC | Cross-sectional | Yes | Yes | Low |
| Suzuki 2014 [(70)](https://paperpile.com/c/3JPyg8/AOFI) | 333 | Schizophrenia | Inpateint | Japan | East Asia & Pacific | HIC | Cross-sectional | Yes | Yes | Medium |
| Ventriglio 2014 [(71)](https://paperpile.com/c/3JPyg8/6CEE) | 66 | Any | Outpatient | Italy | Europe & Central Asia | HIC | Cross-sectional | No | No | Low |
| Bernstein 2015 [(72)](https://paperpile.com/c/3JPyg8/cHOE) | 62 | Bipolar disorders | Outpatient | US | North America | HIC | Cross-sectional | No | No | High |
| Marthoenis 2014 [(73)](https://paperpile.com/c/3JPyg8/itIJ) | 86 | Schizophrenia | Inpateint | Indonesia | East Asia & Pacific | LMIC | Cross-sectional | No | No | Medium |
| Sugai 2015 [(74)](https://paperpile.com/c/3JPyg8/YLrk) | 19678 | Schizophrenia | Out and Inpatient | Japan | East Asia & Pacific | HIC | Cross-sectional | No | No | Low |
| Bioque 2018 [(75)](https://paperpile.com/c/3JPyg8/KuoP) | 335 | Schizophrenia | Out and Inpatient | Spain | Europe & Central Asia | HIC | Cross-sectional | Yes | Yes | Low |
| Chouinard 2016 [(76)](https://paperpile.com/c/3JPyg8/yvk0) | 262 | Any | Inpateint | US | North America | HIC | Cross-sectional | No | No | Low |
| Lopuszanska 2016 [(77)](https://paperpile.com/c/3JPyg8/fXw3) | 91 | Any | Inpateint | Poland | Europe & Central Asia | HIC | Cross-sectional | No | Yes | Low |
| McElroy 2016 [(78)](https://paperpile.com/c/3JPyg8/jrJQ) | 1114 | Bipolar disorders | Community | UK | Europe & Central Asia | HIC | Cross-sectional | No | No | Medium |
| Annamalai 2017 [(79)](https://paperpile.com/c/3JPyg8/ZrKM) | 326 | Schizophrenia | Outpatient | US | North America | HIC | Cohort | Yes | Yes | Medium |
| Najar 2017 [(80)](https://paperpile.com/c/3JPyg8/NWzc) | 1141 | Any | Outpatient | Sweden | Europe & Central Asia | HIC | Cross-sectional | No | No | Medium |
| Oh 2017 [(81)](https://paperpile.com/c/3JPyg8/BHX8) | 167 | Schizophrenia | Inpateint | South Korea | East Asia & Pacific | HIC | Cross-sectional | No | No | Low |
| Susilova 2017 [(82)](https://paperpile.com/c/3JPyg8/ERGV) | 462 | Schizophrenia | Inpateint | Czech Republic | Europe & Central Asia | HIC | Propective Longitudinal | No | Yes | High |
| Berti 2018 [(83)](https://paperpile.com/c/3JPyg8/1YQq) | 193 | Schizophrenia | Outpatient | Italy | Europe & Central Asia | HIC | Cross-sectional | Yes | Yes | High |
| Blomqvist 2019 [(84)](https://paperpile.com/c/3JPyg8/rrDb) | 57 | Schizophreni | Outpatient | Sweden | Europe & Central Asia | HIC | Cross-sectional | No | No | High |
| Asaye 2018 [(85)](https://paperpile.com/c/3JPyg8/vZrL) | 360 | Any | Out and Inpatient | Ethiopia | Africa | LMIC | Cross-sectional | No | No | Low |
| Aziz 2018 [(86)](https://paperpile.com/c/3JPyg8/8p7Q) | 50 | Schizophrenia | Outpatient | Pakistan | South Asia | LMIC | Cross-sectional | No | No | High |
| Iruretagoyena 2018 [(87)](https://paperpile.com/c/3JPyg8/7ytJ) | 148 | Schizophrenia | Out and Inpatient | Chile | Latin America & Carribean | HIC | Cross-sectional | Yes | Yes | Low |
| Zhao 2018 [(88)](https://paperpile.com/c/3JPyg8/PXOZ) | 466 | Schizophrenia | Inpateint | China | East Asia & Pacific | LMIC | Cohort | Yes | Yes | Low |
| deCaluwe 2019 [(89)](https://paperpile.com/c/3JPyg8/bPzA) | 350 | Any | Out and Inpatient | Curaçao | Latin America & Carribean | HIC | Cross-sectional | No | No | Low |
| Tzeng 2020 [(90)](https://paperpile.com/c/3JPyg8/QSf5) | 260 | Any | Inpateint | Taiwan | East Asia & Pacific | LMIC | Cross-sectional | No | No | Medium |
| Vedal 2019 [(91)](https://paperpile.com/c/3JPyg8/MuXy) | 750 | Any | Outpatient | Norway | Europe & Central Asia | HIC | Cross-sectional | Yes | Yes | Low |
| Agaba 2020 [(92)](https://paperpile.com/c/3JPyg8/rxm2) | 304 | Any | Outpatient | Uganda | Africa | LMIC | Cross-sectional | No | No | Medium |
| Hammoudeh 2020 [(93)](https://paperpile.com/c/3JPyg8/sLNV) | 439 | Any | Out and Inpatient | Qatar | Middle East & North Africa | HIC | Cross-sectional | No | No | High |
| Park 2020 [(94)](https://paperpile.com/c/3JPyg8/X609) | 420 | Schizophrenia | Out and Inpatient | India | South Asia | LMIC | Cross-sectional | No | No | Low |
| Park 2020 [(94)](https://paperpile.com/c/3JPyg8/X609) | 463 | Schizophrenia | Out and Inpatient | Indonesia | East Asia & Pacific | LMIC | Cross-sectional | No | No | Low |
| Park 2020 [(94)](https://paperpile.com/c/3JPyg8/X609) | 145 | Schizophrenia | Out and Inpatient | Japan | East Asia & Pacific | HIC | Cross-sectional | No | No | Low |
| Park 2020 [(94)](https://paperpile.com/c/3JPyg8/X609) | 230 | Schizophrenia | Out and Inpatient | Malaysia | East Asia & Pacific | LMIC | Cross-sectional | No | No | Low |
| Park 2020 [(94)](https://paperpile.com/c/3JPyg8/X609) | 184 | Schizophrenia | Out and Inpatient | Taiwan | East Asia & Pacific | LMIC | Cross-sectional | No | No | Low |
| Smith 2016 [(95)](https://paperpile.com/c/3JPyg8/6OM7) | 46 | Any | Outpatient | UK | Europe & Central Asia | HIC | Cross-sectional | No | Yes | Low |
| Teshome 2020 [(96)](https://paperpile.com/c/3JPyg8/E4wL) | 245 | Any | Outpatient | Ethiopia | Africa | LMIC | Cross-sectional | No | No | Medium |
| Wang 2020 [(97)](https://paperpile.com/c/3JPyg8/YaiQ) | 325 | Schizophrenia | Community | China | East Asia & Pacific | LMIC | Cross-sectional | No | Yes | Low |
| Zavala 2020 [(98)](https://paperpile.com/c/3JPyg8/GCmq) | 1500 | Any | Out and Inpatient | Bangladesh | South Asia | LMIC | Cross-sectional | No | No | Low |
| Zavala 2020 [(98)](https://paperpile.com/c/3JPyg8/GCmq) | 858 | Any | Out and Inpatient | Pakistan | South Asia | LMIC | Cross-sectional | No | No | Low |

**Supplementary figure 1.** Funnel plot assessing publication bias

The visual inspection of the funnel plot from the selected studies shown no evidence of publication bias 

The visual inspection of the funnel plot from the selected studies shown no evidence of publication bias

**List of papers in a language other than English.**

1. Schizophrenia, obesity and pharmacotherapy-associated weight gain [(99)](https://paperpile.com/c/3JPyg8/7HSr).
2. The prevalence of metabolic syndrome and related factors in patients with schizophrenia [(100)](https://paperpile.com/c/3JPyg8/eMyg).
3. The prevalence of obesity and weight gain among the patients with psychotic disorder who use antipsychotic medication, one year follow-up [(101)](https://paperpile.com/c/3JPyg8/bkqM).
4. Metabolic side effects of atypical antipsychotic medication in outpatients of a University Hospital Clinic [(102)](https://paperpile.com/c/3JPyg8/TZYj).
5. Cardiovascular risk factors, cardiovascular risk and quality of life in patients with a severe mental disorder [(103)](https://paperpile.com/c/3JPyg8/qClK).
6. Dietary intake of young Icelanders with psychotic disorders and weight development over an 8-12 months period [(104)](https://paperpile.com/c/3JPyg8/jo6Q).
7. Survey of obesity and underweight among inpatients with schizophrenia in psychiatric hospitals throughout Japan[(105)](https://paperpile.com/c/3JPyg8/mwDm)
8. Prevalence of the metabolic syndrome among schizophrenic patients hospitalized in the Canary Islands [(106)](https://paperpile.com/c/3JPyg8/trom).
9. Disturbi mentali gravi e Sindrome Metabolica: meta-analisi e studio trasversale comparativo [(107)](https://paperpile.com/c/3JPyg8/EtbD).
10. Vigilance level for cardiovascular risk factors in schizophrenic patients [(108)](https://paperpile.com/c/3JPyg8/nVsU).
11. A study of risk factors for cardiovascular disease among schizophrenic patients using the rehabilitation mental health services at Kleppur [(109)](https://paperpile.com/c/3JPyg8/MsUo).
12. Risk factors for inactivity in patients in long-term care with severe mental illness [(110)](https://paperpile.com/c/3JPyg8/Uo3M).
13. Eating disorders in psychiatric patients during treatment with second generation antipsychotics [(111)](https://paperpile.com/c/3JPyg8/K1rD).
14. Body weight changes in chronic psychotic female in-patients [(112)](https://paperpile.com/c/3JPyg8/emf0).
15. Metabolic syndrome in bipolar affective disorder [(113)](https://paperpile.com/c/3JPyg8/PKFg).
16. Weight gain in patients with schizophrenia and schizoaffective disorder under antipsychotic treatment: A three-year naturalistic follow-up study [(114)](https://paperpile.com/c/3JPyg8/Ribf).

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