| Study | Data source | N controls | N patients | N females controls | N females patients | Age controls (years) | Age patients (years) | N medicated | CPZ (mg/day) | SD CPZ (mg/day) | Illness duration (years) | SES controls | SES patients | BPRS | PANSS P | PANSS N | PANSS GP | Visual acuity assessment | Grey levels | Depedent variable | Task*1* | Method | luminance | Size (deg) | Duration (ms) | Eccentricity (deg) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1985 Schwartz | graph | 9 | 10 | 0 | 0 | 30.0 | 32.5 | 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20/30 | hardware | log\_cs | detection | limits | 10 | --- | --- | 0 |
| 1987 Schwartz | graph | 15 | 19 | --- | --- | 27.0 | 32.0 | 19 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20/30 | hardware | cs | detection | limits | 51 | --- | --- | 0 |
| 1998 Slaghuis | graph | 15 | 30 | 5 | 3 | 28.8 | 29.8 | 30 | 260 | 310 | 8.32 | --- | --- | --- | --- | --- | --- | yes | hardware | cs | 2IFC | staircase | 17 | 3.70 | 126 | 0 |
| 1999 Chen | statistics | 18 | 15 | --- | --- | --- | --- | 12 | 328 | 199 | 15.8 | --- | --- | 39.50 | --- | --- | --- | --- | hardware | log\_cs | 2IFC | staircase | 45 | 19.0 | 300 | 0 |
| 2000 Kéri | statistics | 12 | 12 | 5 | 5 | 32.6 | 31.3 | 4 | 150 | 91.3 | --- | --- | --- | 27.80 | --- | --- | --- | yes | hardware | log\_cs | 2IFC | staircase | 75 | 13.0 | 500 | 0 |
| 2002 Kéri | graph | 15 | 20 | 6 | 9 | 33.9 | 36.1 | 20 | 448 | 112 | 5.20 | --- | --- | 32.80 | --- | --- | --- | yes | hardware | log\_cs | 2IFC | staircase | 20 | 13.0 | 500 | 0 |
| 2003a Chen | statistics | 39 | 45 | 29 | 26 | 41.0 | 37.6 | 39 | --- | --- | 16.0 | 24.2 | 30.3 | 42.40 | --- | --- | --- | --- | --- | thre | 2IFC | staircase | --- | 10.0 | 300 | 0 |
| 2003b Chen | statistics | 26 | 23 | 17 | 14 | 39.0 | 39.0 | 23 | 567 | 386 | 14.9 | 25.9 | 25.1 | 39.20 | --- | --- | --- | no | --- | thre | 2IFC | staircase | --- | 10.0 | 300 | 0 |
| 2004 Chen | statistics | 17 | 34 | 12 | 14 | 39.4 | 38.3 | 32 | 651 | 1,070 | --- | 26.7 | 31.3 | 44.70 | --- | --- | --- | --- | hardware | thre | 2IFC | staircase | 35 | 19.0 | 300 | 0 |
| 2004 Sheremata | statistics | 17 | 28 | 13 | 14 | 37.5 | 37.4 | 28 | 537 | 260 | --- | 27.3 | 27.7 | 39.40 | --- | --- | --- | --- | --- | thre | 2IFC | staircase | --- | 10.0 | 300 | 0 |
| 2004 Kéri | statistics | 20 | 22 | 7 | 8 | 32.4 | 35.6 | 0 | 0 | --- | 10.4 | --- | --- | --- | --- | --- | --- | yes | hardware | thre | yes-no | staircase | 80 | 0.666 | --- | 0 |
| 2005 Butler | graph | 20 | 31 | 8 | 6 | 36.2 | 37.1 | 31 | 1,190 | 91.7 | 14.5 | 56.2 | 21.6 | 36.90 | --- | --- | --- | 20/30 | hardware | log\_cs | 2AFC | staircase | 100 | 4.03 | 32 | 1.42 |
| 2006 Bidwell | statistics | 40 | 44 | 30 | 22 | 39.5 | 37.2 | 40 | 516 | 435 | 14.2 | 20.0 | 25.0 | 38.40 | --- | --- | --- | --- | --- | thre | 2IFC | staircase | --- | 10.0 | 300 | 0 |
| 2006 Revheim | statistics, graph | 10 | 18 | 4 | 1 | 28.7 | 38.3 | 18 | 1,080 | 574 | 16.8 | 43.1 | 26.9 | --- | 13.50 | 13.90 | --- | 20/30 | hardware | cs | 2AFC | staircase | 100 | 4.03 | 500 | 1.42 |
| 2006 Cimmer | statistics | 20 | 44 | 5 | 11 | 36.5 | 36.2 | 44 | --- | --- | --- | --- | --- | --- | 13.94 | 18.46 | 36.95 | yes | hardware | log\_cs | 2IFC | staircase | 20 | 13.0 | 500 | 0 |
| 2006 Chen | statistics | 25 | 25 | 19 | 13 | 40.7 | 38.2 | 23 | 388 | 442 | --- | 23.1 | 33.1 | 43.00 | --- | --- | --- | --- | --- | thre | 2IFC | staircase | 35 | 19.0 | 300 | 0 |
| 2006 Odonnell | statistics | 40 | 24 | 20 | 6 | 36.6 | 34.8 | 14 | --- | --- | 15.2 | --- | --- | --- | 19.60 | 15.00 | --- | 20/30 | hardware | thre | yes-no | staircase | --- | 8.37 | 1000 | 0 |
| 2008 Martinez | statistics | 10 | 12 | 0 | 0 | 31.0 | 36.0 | 12 | 1,330 | 641 | 18.5 | --- | --- | 37.20 | --- | --- | --- | 20/32 | --- | cs | 2AFC | staircase | --- | 4.03 | 32 | 1.42 |
| 2008 Butler | statistics, graph | 26 | 26 | 7 | 2 | 36.6 | 36.2 | 26 | 1,170 | 102 | 17.0 | --- | --- | 42.10 | --- | --- | --- | 20/32 | --- | log\_cs | 2AFC | staircase | 100 | 4.03 | 500 | 1.42 |
| 2008 Norton | graph | 28 | 26 | 16 | 17 | 43.0 | 40.3 | 26 | 537 | 358 | 18.0 | --- | --- | --- | 15.80 | 13.60 | 29.40 | --- | --- | log\_cs | 2IFC | staircase | 35 | 13.0 | 300 | 0 |
| 2009 Norton | statistics | 29 | 32 | 17 | 15 | 40.7 | 41.8 | 32 | 566 | 350 | 18.9 | --- | --- | --- | 15.50 | 16.80 | 31.10 | --- | --- | log\_cs | 2IFC | staircase | --- | 13.0 | 300 | 0 |
| 2009 Butler | statistics, graph | 17 | 20 | 5 | 2 | 36.5 | 36.4 | 20 | 1,200 | 133 | 16.1 | --- | --- | 45.50 | --- | --- | --- | 20/32 | --- | log\_cs | 2AFC | staircase | 100 | 4.03 | 32 | 1.42 |
| 2009 Kantrowitz | statistics | 28 | 38 | 16 | 33 | 36.5 | 37.3 | 38 | 1,160 | 87.4 | 17.3 | --- | --- | 40.90 | --- | --- | --- | 20/30 | --- | cs | 2AFC | staircase | 100 | 4.03 | 500 | 1.42 |
| 2010 Brittain | statistics | 65 | 64 | 30 | 30 | 41.3 | 41.9 | 59 | 462 | 382 | 18.4 | --- | --- | --- | 13.52 | 14.36 | --- | 20/25 | hardware | log\_cs | orientation | staircase | 87.7 | 5.70 | --- | 0 |
| 2010 Kiss | graph | 20 | 20 | 6 | 6 | 24.2 | 25.7 | 0 | 0 | 0 | --- | --- | --- | --- | 16.80 | 11.40 | 33.60 | yes | hardware | log\_cs | single stimulus | staircase | 25 | 2.50 | 45 | 0 |
| 2011 Chen | graph | 34 | 33 | 17 | 15 | 41.5 | 42.5 | 33 | 502 | 415 | --- | --- | --- | --- | 15.40 | 14.40 | 28.40 | yes | hardware | thre | 2IFC | staircase | --- | 19.0 | 300 | 0 |
| 2011 Dias | statistics | 9 | 20 | 0 | 0 | 32.5 | 33.3 | 20 | 1,240 | 122 | 14.5 | 49.1 | 21.5 | 40.00 | --- | --- | --- | yes | hardware | log\_cs | 2AFC | staircase | --- | 4.03 | 32 | 1.42 |
| 2013 Lima | statistics | 34 | 31 | 26 | 7 | 32.1 | 37.8 | 31 | 368 | 243 | 14.3 | --- | --- | --- | 18.38 | 19.76 | --- | 20/60 | hardware | cs | yes-no | staircase | --- | --- | --- | --- |
| 2013 Kelemen | statistics | 50 | 50 | 19 | 19 | 44.1 | 42.7 | 50 | 455 | 185 | 23.6 | --- | --- | --- | 21.20 | 19.80 | 49.70 | yes | --- | cs | yes-no | staircase | 5 | 8.00 | --- | 0 |
| 2013 Halasz | graph | 70 | 125 | 25 | 56 | 38.6 | 40.0 | 125 | 367 | 189 | --- | 35.6 | 33.0 | 42.90 | --- | --- | --- | yes | --- | cs | yes-no | staircase | 31 | 8.00 | --- | 0 |
| 2013 Cadenhead | graph | 53 | 46 | 23 | 10 | 33.8 | 35.7 | 45 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20/50 | not implemented | log\_cs | 2AFC | constant stimuli | --- | 1.64 | 120 | 2.28 |
| 2013 Calderone | graph | 15 | 15 | 3 | 2 | 36.9 | 40.4 | 15 | 783 | 612 | 14.6 | 44.6 | 23.3 | --- | --- | --- | --- | 20/32 | hardware | log\_cs | 2AFC | staircase | 84 | 4.24 | 126 | 3.00 |
| 2013 Nogueira | graph | 10 | 9 | 5 | 5 | 32.2 | 33.7 | 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | yes | --- | log\_cs | 2IFC | staircase | 42.2 | 7.00 | 2000 | 0 |
| 2013 Martinez | statistics | 17 | 21 | 2 | 1 | 32.7 | 39.4 | 21 | 1,310 | 974 | 18.5 | 50.5 | 26.3 | --- | --- | --- | --- | 20/30 | hardware | cs | 2AFC | staircase | --- | 4.03 | 32 | 1.42 |
| 2014 Serrano-Pedraza | statistics | 24 | 21 | 14 | 2 | 39.7 | 39.2 | 21 | 638 | 408 | 19.9 | --- | --- | --- | 14.90 | 20.61 | 33.61 | yes | hardware | cs | 4SFC | staircase | 37.9 | 3.05 | 500 | 5.00 |
| 2014 Shoshina | statistics | 20 | 45 | 20 | 35 | 36.0 | 37.7 | 45 | --- | --- | 7.62 | --- | --- | --- | --- | --- | --- | yes | hardware | cs | yes-no | staircase | 80 | 3.92 | --- | 0 |
| 2016a Maher | raw | 23 | 24 | 11 | 10 | 39.1 | 44.8 | 21 | 579 | 580 | 23.9 | --- | --- | --- | 17.14 | 13.68 | 30.36 | --- | not implemented | thre | 2AFC | constant stimuli | --- | 10.0 | 300 | 5.00 |
| 2016b Maher | statistics | 20 | 20 | 10 | 9 | 41.4 | 47.8 | 18 | --- | --- | 23.9 | --- | --- | --- | 17.28 | 14.56 | 30.00 | --- | not implemented | thre | 2AFC | constant stimuli | --- | 10.0 | 300 | 5.00 |
| 2017 Carter | graph | 34 | 71 | 14 | 22 | 39.6 | 37.3 | 71 | 430 | 334 | --- | --- | --- | --- | 19.89 | --- | --- | --- | --- | log\_cs | direction | staircase | --- | 9.00 | 500 | 0 |
| 2018 Fernandes | graph | 40 | 40 | 11 | 12 | 35.4 | 36.8 | 40 | 390 | 152 | 11.4 | --- | --- | 42.95 | --- | --- | --- | 20/20 | hardware | log\_cs | 2AFC | staircase | 50 | 5.00 | 600 | 2.50 |
| 2019 Fernandes | graph | 50 | 50 | 24 | 14 | 36.1 | 36.0 | 50 | 546 | 404 | 14.7 | --- | --- | 41.36 | --- | --- | --- | 20/20 | hardware | log\_cs | 2AFC | staircase | 50 | 5.00 | 600 | 2.50 |
| 2021 Zemon | graph | 75 | 68 | 26 | 14 | 36.9 | 41.3 | 67 | 800 | 572 | 14.4 | 45.0 | 23.9 | --- | 19.10 | 17.00 | 36.17 | 20/32 | hardware | log\_cs | 2AFC | staircase | 100 | 4.24 | 500 | 3.00 |
| 2021a Shoshina | graph | 39 | 43 | 15 | 14 | 21.4 | 21.3 | 0 | 0 | 0 | --- | --- | --- | 35.00 | 8.70 | 7.20 | 55.00 | 20/20 | not implemented | log\_cs | 2AFC | staircase | 59 | 6.00 | 550 | 2.50 |
| 2021b Shoshina | statistics | 30 | 68 | --- | --- | 34.0 | 36.0 | 68 | --- | --- | --- | --- | --- | --- | --- | --- | --- | yes | not implemented | cs | 2AFC | staircase | --- | --- | --- | --- |
| 2022 Qian | graph | 20 | 24 | 4 | 3 | 38.8 | 37.7 | 24 | --- | --- | --- | 38.3 | 40.5 | --- | --- | --- | --- | 20/32 | hardware | cs | 2AFC | staircase | 100 | 4.03 | 500 | 1.42 |
| 2024 Kadivar | graph | 63 | 34 | 34 | 6 | 20.4 | 21.6 | 25 | --- | --- | 2.00 | --- | --- | --- | --- | --- | --- | --- | not implemented | log\_cs | 2AFC | constant stimuli | --- | 1.64 | 120 | 2.28 |
| *1*2IFC: Two-interval forced choice; 2SFC: Spatial two-alternative forced choice | | | | | | | | | | | | | | | | | | | | | | | | | | |