Supplementary File 3. Association between unipolar mania and male gender
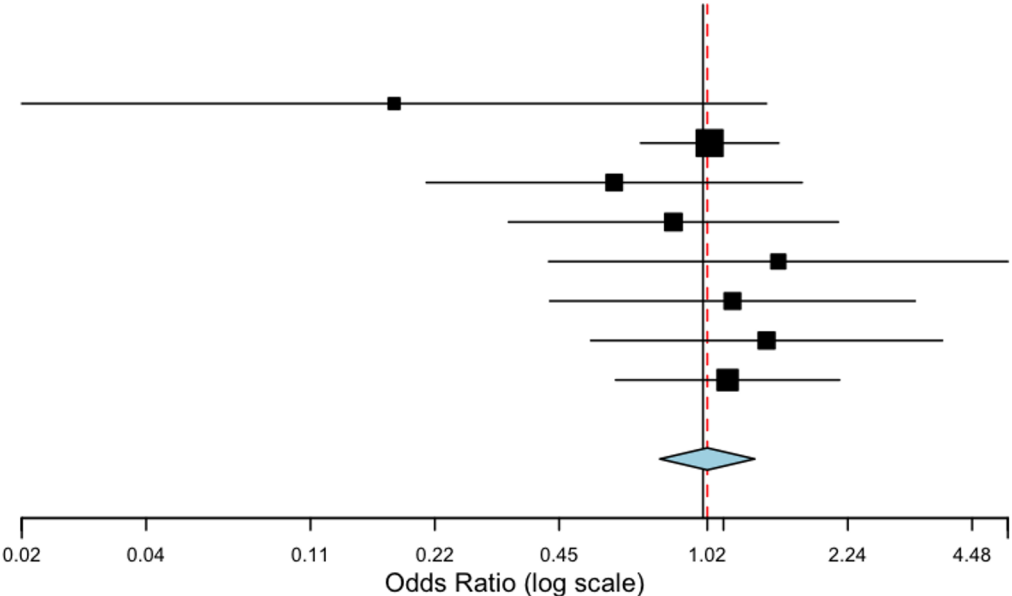
Studies	Estimate (95% C.I.)
Aghanwa, 2001	0.45 (0.18, 1.13)
Akarsu et al, 2012	0.78 (0.23, 2.70)
Andrade-Nascimento et al, 2011	1.71 (0.62, 4.75)
Angst et al, 2004	1.60 (0.72, 3.55)
Angst et al, 2019	1.65 (1.07, 2.55)
Beesdo et al, 2009	2.50 (1.01, 6.16)
Chang et al, 2022	1.29 (0.89, 1.86)
Dakhlaoui et al, 2008	1.16 (0.43, 3.09)
Gorgulu et al, 2021	2.75 (1.11, 6.83)
Grobler et al, 2014	2.54 (1.12, 5.74)
Mittal et al, 2013	1.00 (0.23, 4.43)
Perugi et al, 2007	0.66 (0.23, 1.87)
Rajkumar, 2016	0.47 (0.17, 1.31)
Sangha et al, 2022	2.50 (2.19, 2.84)
Stokes et al, 2020 - France cohort	2.74 (0.83, 9.04)
Yazici and Cakir, 2012	1.81 (0.81, 4.03)
Yazici et al, 2002	1.32 (0.70, 2.48)
	1.47 (1.11, 1.94)

Odds Ratio (log scale)

0.17　0.34　0.85　1.47　3.39　8.46

Supplementary File 4. Association between unipolar mania and being married
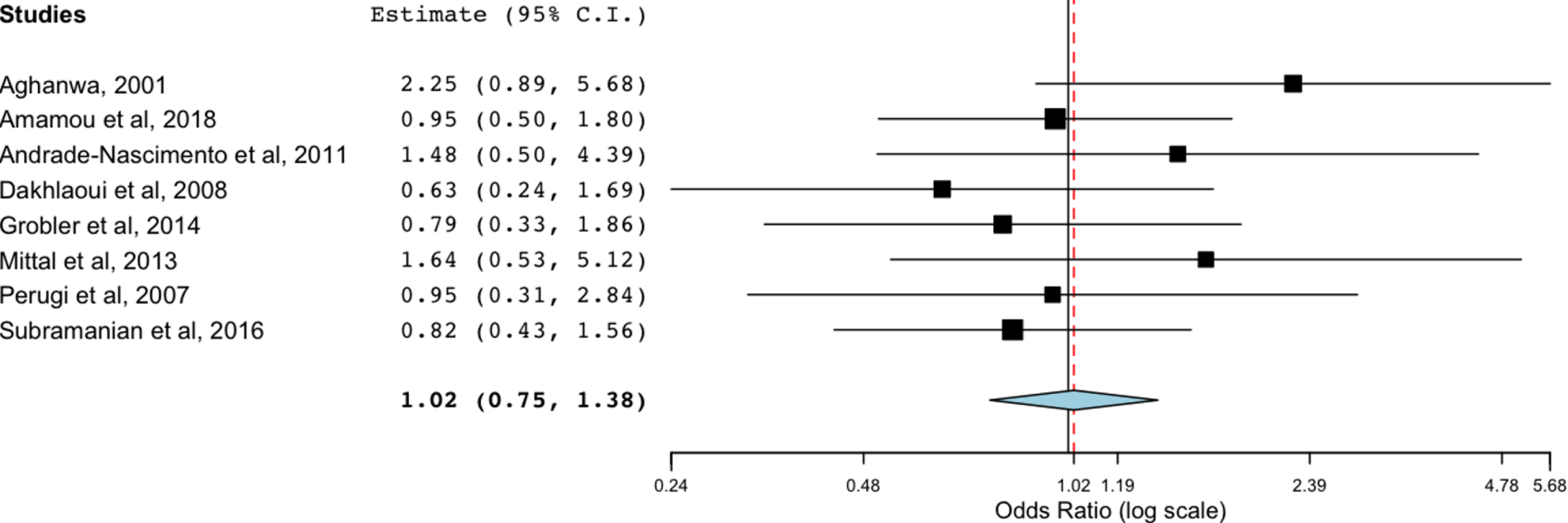

Studies	Estimate (95% C.I.)
Akarsu et al, 2012	0.18 (0.02, 1.42)
Chang et al, 2022	1.04 (0.71, 1.52)
Dakhlaoui et al, 2008	0.61 (0.21, 1.74)
Grobler et al, 2014	0.85 (0.34, 2.13)
Mittal et al, 2013	1.52 (0.42, 5.47)
Perugi et al, 2007	1.18 (0.43, 3.26)
Rajkumar, 2016	1.43 (0.53, 3.80)
Yazici et al, 2002	1.15 (0.61, 2.14)
	1.02 (0.79, 1.33)

Odds Ratio (log scale)

Supplementary File 5. Association between unipolar mania and unemployment

Studies	Estimate (95% C.I.)
Aghanwa, 2001	2.25 (0.89, 5.68)
Amamou et al, 2018	0.95 (0.50, 1.80)
Andrade-Nascimento et al, 2011	1.48 (0.50, 4.39)
Dakhlaoui et al, 2008	0.63 (0.24, 1.69)
Grobler et al, 2014	0.79 (0.33, 1.86)
Mittal et al, 2013	1.64 (0.53, 5.12)
Perugi et al, 2007	0.95 (0.31, 2.84)
Subramanian et al, 2016	0.82 (0.43, 1.56)
	1.02 (0.75, 1.38)

Odds Ratio (log scale)

0.24   0.48   1.02 1.19   2.39   4.78 5.68

Supplementary File 6. Association between unipolar mania and high-level education

Studies	Estimate (95% C.I.)
Akarsu et al, 2012	0.57 (0.17, 1.90)
Angst et al, 2004	0.54 (0.12, 2.51)
Chang et al, 2022	0.76 (0.51, 1.14)
Grobler et al, 2014	0.83 (0.34, 2.03)
Mittal et al, 2013	0.80 (0.22, 2.97)
Perugi et al, 2007	1.41 (0.33, 5.92)
Sangha et al, 2022	1.36 (1.17, 1.58)
Yazici et al, 2002	0.96 (0.51, 1.81)
	0.98 (0.72, 1.32)

Odds Ratio (log scale)

0.12   0.23   0.59   0.98 1.17   2.35   5.86
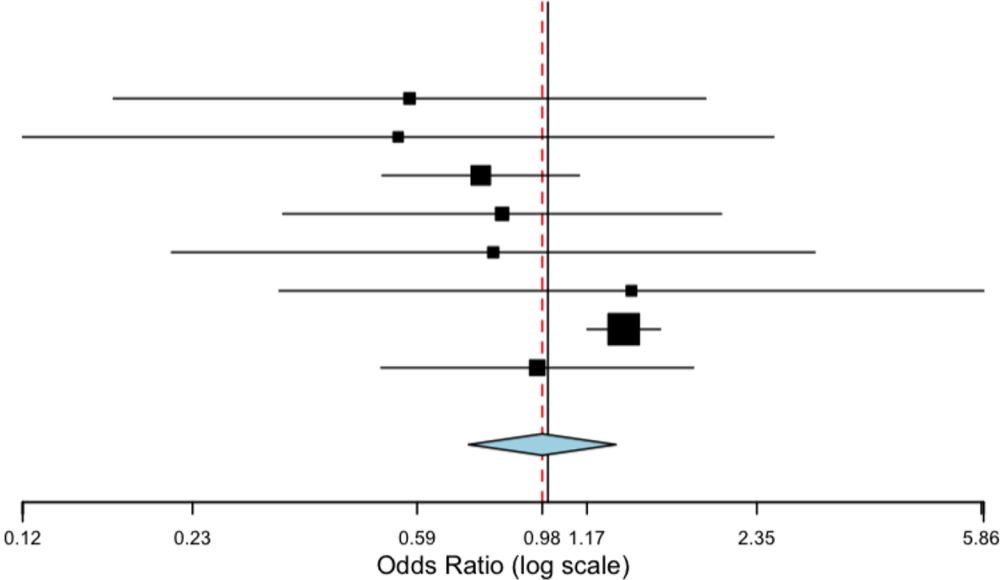
Supplementary File 7. Association between unipolar mania and age at disease onset

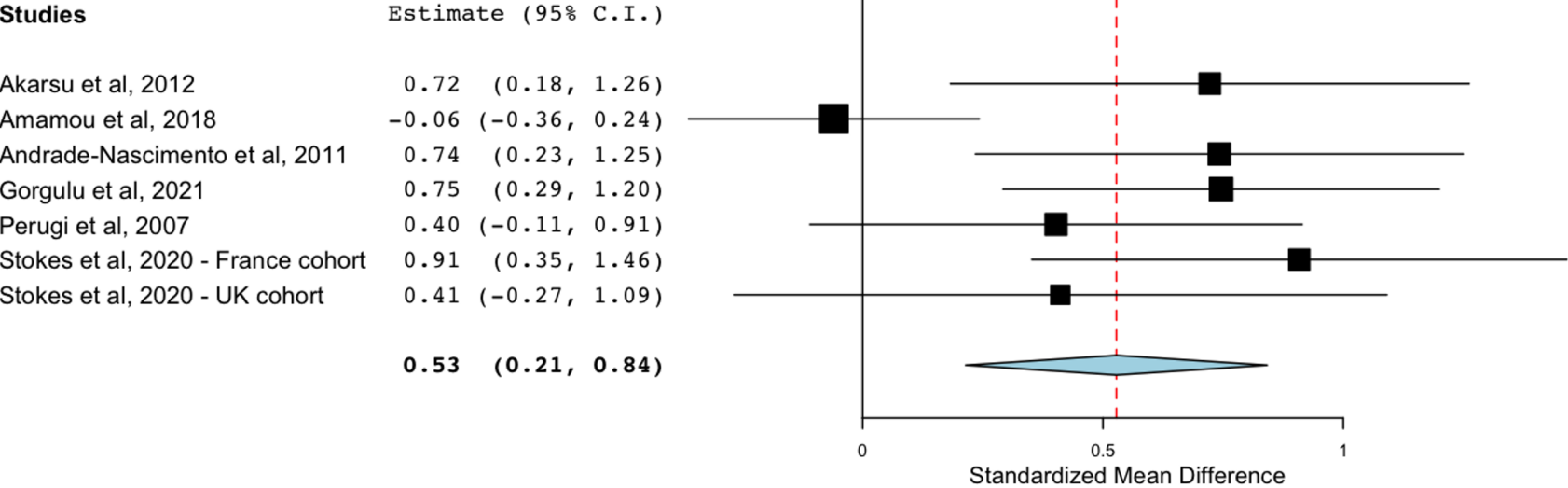| Studies	Estimate (95% C.I.)
Aghanwa, 2001	-0.79 (-1.26, -0.33)
Akarsu et al, 2012	-0.19 (-0.73, 0.34)
Amamou et al, 2018	-0.21 (-0.52, 0.09)
Andrade-Nascimento et al, 2011	-0.02 (-0.52, 0.49)
Chang et al, 2022	0.15 (-0.03, 0.34)
Dakhlaoui et al, 2008	-0.85 (-1.35, -0.35)
Gorgulu et al, 2021	-0.11 (-0.55, 0.33)
Perugi et al, 2007	0.31 (-0.20, 0.82)
Rajkumar, 2016	-0.22 (-0.71, 0.27)
Sonkurt et al, 2021	-1.09 (-1.78, -0.40)
Stokes et al, 2020 - France cohort	-0.19 (-0.74, 0.36)
Stokes et al, 2020 - UK cohort	-0.05 (-0.72, 0.63)
Yazici et al, 2002	-0.32 (-0.63, -0.00)
	-0.25 (-0.46, -0.04)
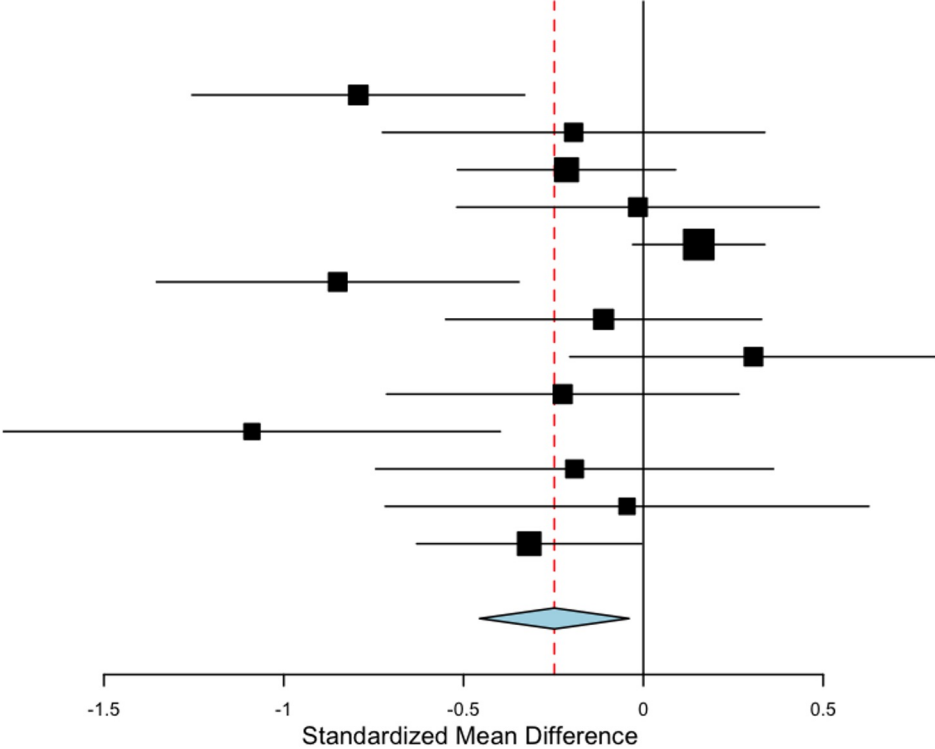
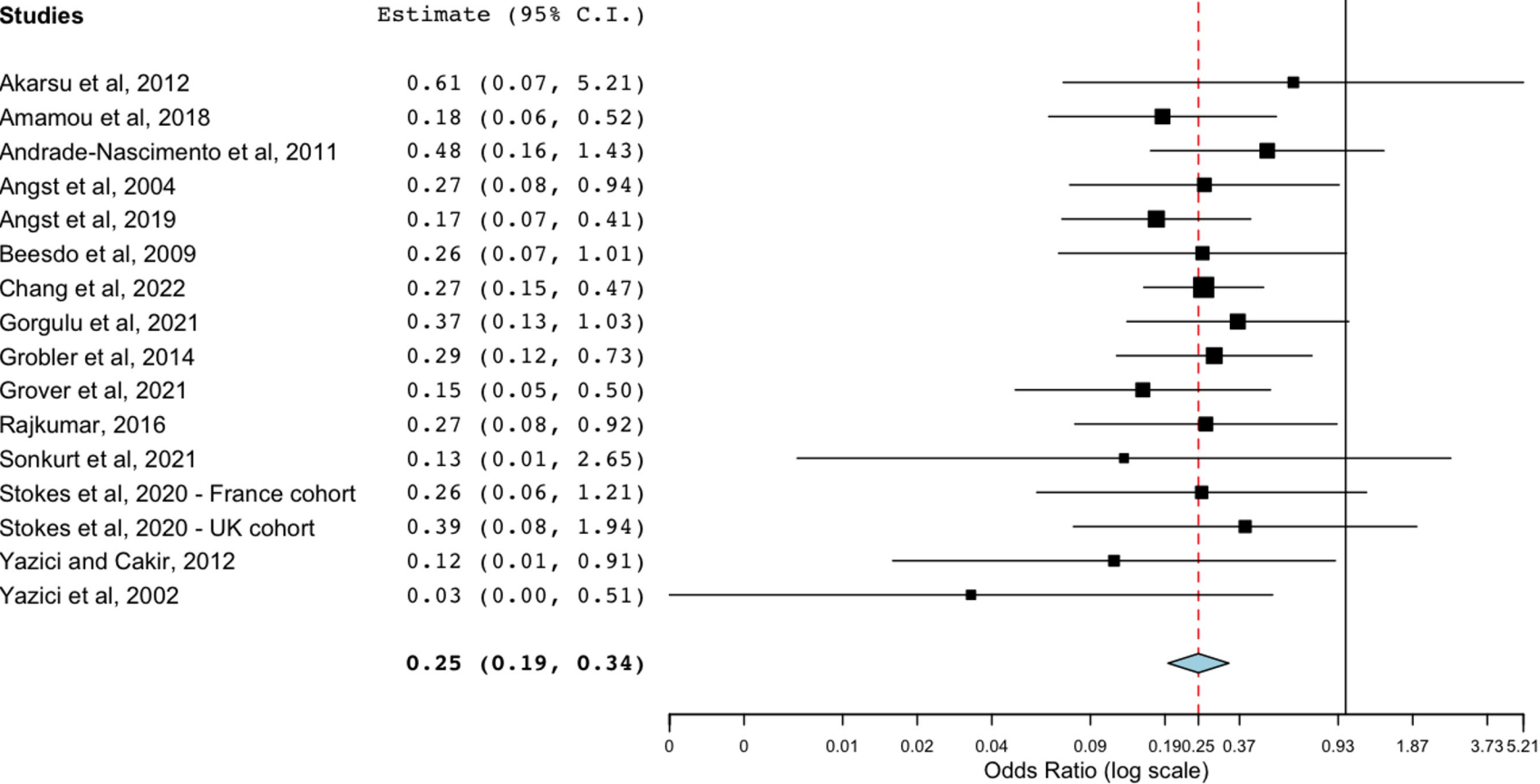**Supplementary File 8. Association between unipolar mania and mood episodes**

Studies	Estimate (95% C.I.)
Aghanwa, 2001	0.19 (−0.26, 0.64)
Akarsu et al, 2012	0.09 (−0.44, 0.62)
Dakhlaoui et al, 2008	−0.48 (−0.97, 0.01)
Gorgulu et al, 2021	0.37 (−0.08, 0.81)
Mittal et al, 2013	−1.61 (−2.19, −1.03)
Perugi et al, 2007	−0.35 (−0.86, 0.17)
Rajkumar, 2016	−0.16 (−0.64, 0.33)
Sonkurt et al, 2021	−0.30 (−0.95, 0.35)
Stokes et al, 2020 - France cohort	0.00 (−0.55, 0.55)
Stokes et al, 2020 - UK cohort	−0.48 (−1.16, 0.20)
Yazici et al, 2002	−0.20 (−0.51, 0.12)
	−0.24 (−0.53, 0.04)

Standardized Mean Difference
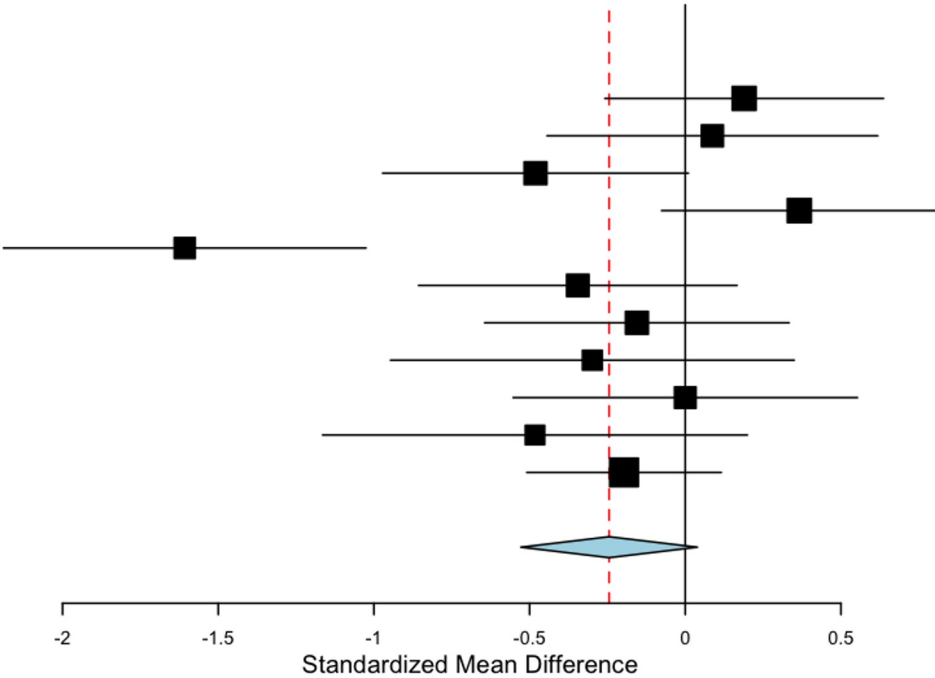
Supplementary File 9. Association between unipolar mania and number of hospitalizations

Studies	Estimate (95% C.I.)
Akarsu et al, 2012	0.72 (0.18, 1.26)
Amamou et al, 2018	-0.06 (-0.36, 0.24)
Andrade-Nascimento et al, 2011	0.74 (0.23, 1.25)
Gorgulu et al, 2021	0.75 (0.29, 1.20)
Perugi et al, 2007	0.40 (-0.11, 0.91)
Stokes et al, 2020 - France cohort	0.91 (0.35, 1.46)
Stokes et al, 2020 - UK cohort	0.41 (-0.27, 1.09)
	0.53 (0.21, 0.84)

Standardized Mean Difference

Supplementary File 10. Association between unipolar mania and history of suicide attempts

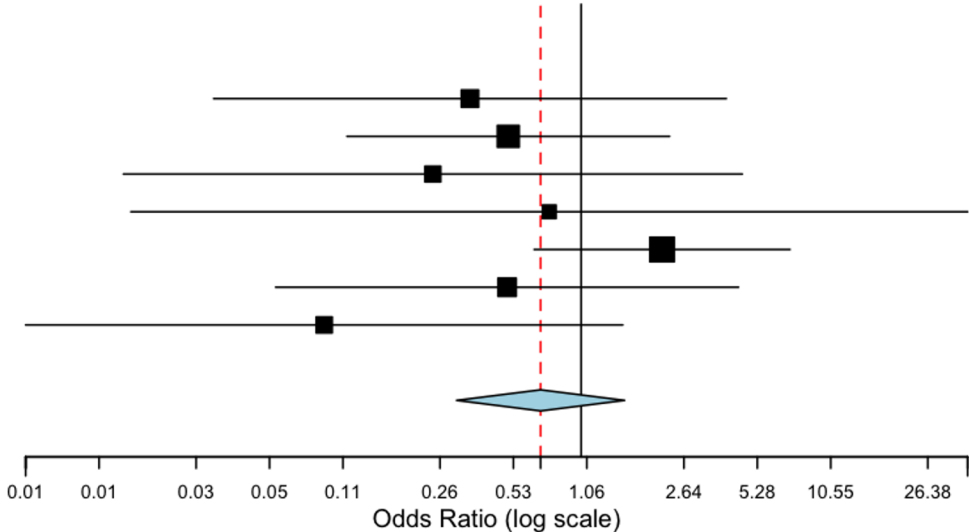| Studies	Estimate (95% C.I.)
Akarsu et al, 2012	0.61 (0.07, 5.21)
Amamou et al, 2018	0.18 (0.06, 0.52)
Andrade-Nascimento et al, 2011	0.48 (0.16, 1.43)
Angst et al, 2004	0.27 (0.08, 0.94)
Angst et al, 2019	0.17 (0.07, 0.41)
Beesdo et al, 2009	0.26 (0.07, 1.01)
Chang et al, 2022	0.27 (0.15, 0.47)
Gorgulu et al, 2021	0.37 (0.13, 1.03)
Grobler et al, 2014	0.29 (0.12, 0.73)
Grover et al, 2021	0.15 (0.05, 0.50)
Rajkumar, 2016	0.27 (0.08, 0.92)
Sonkurt et al, 2021	0.13 (0.01, 2.65)
Stokes et al, 2020 - France cohort	0.26 (0.06, 1.21)
Stokes et al, 2020 - UK cohort	0.39 (0.08, 1.94)
Yazici and Cakir, 2012	0.12 (0.01, 0.91)
Yazici et al, 2002	0.03 (0.00, 0.51)
	0.25 (0.19, 0.34)

Odds Ratio (log scale)

Supplementary File 11. Association between unipolar mania and rapid cycling course
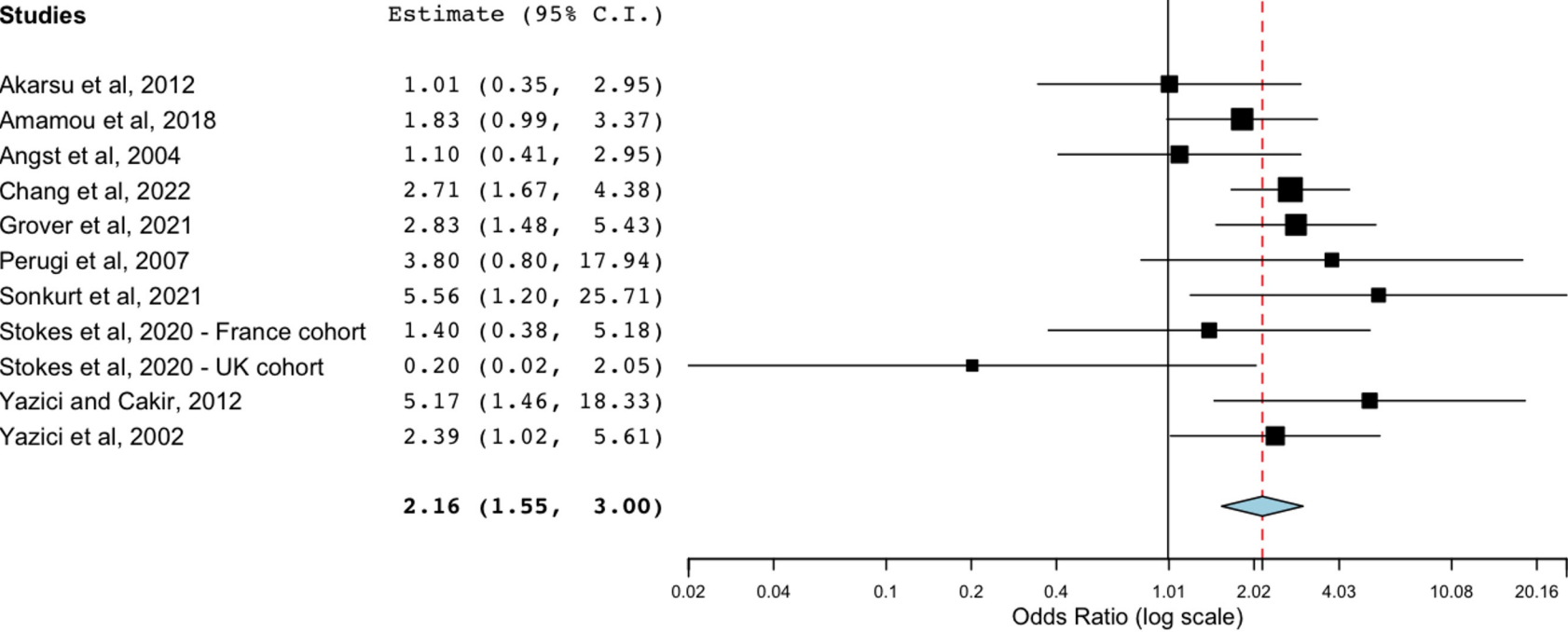

Studies	Estimate (95% C.I.)
Amamou et al, 2018	0.35 (0.03, 3.94)
Andrade-Nascimento et al, 2011	0.50 (0.11, 2.30)
Perugi et al, 2007	0.25 (0.01, 4.58)
Rajkumar, 2016	0.74 (0.01, 38.44)
Stokes et al, 2020 - France cohort	2.15 (0.64, 7.18)
Yazici and Cakir, 2012	0.50 (0.06, 4.42)
Yazici et al, 2002	0.09 (0.01, 1.48)
	0.68 (0.31, 1.51)

Odds Ratio (log scale)

Supplementary File 12. Association between unipolar mania and psychotic features

Studies	Estimate (95% C.I.)
Akarsu et al, 2012	1.01 (0.35, 2.95)
Amamou et al, 2018	1.83 (0.99, 3.37)
Angst et al, 2004	1.10 (0.41, 2.95)
Chang et al, 2022	2.71 (1.67, 4.38)
Grover et al, 2021	2.83 (1.48, 5.43)
Perugi et al, 2007	3.80 (0.80, 17.94)
Sonkurt et al, 2021	5.56 (1.20, 25.71)
Stokes et al, 2020 - France cohort	1.40 (0.38, 5.18)
Stokes et al, 2020 - UK cohort	0.20 (0.02, 2.05)
Yazici and Cakir, 2012	5.17 (1.46, 18.33)
Yazici et al, 2002	2.39 (1.02, 5.61)
	2.16 (1.55, 3.00)

Odds Ratio (log scale)

Supplementary File 13. Association between unipolar mania and hyperthymic temperament

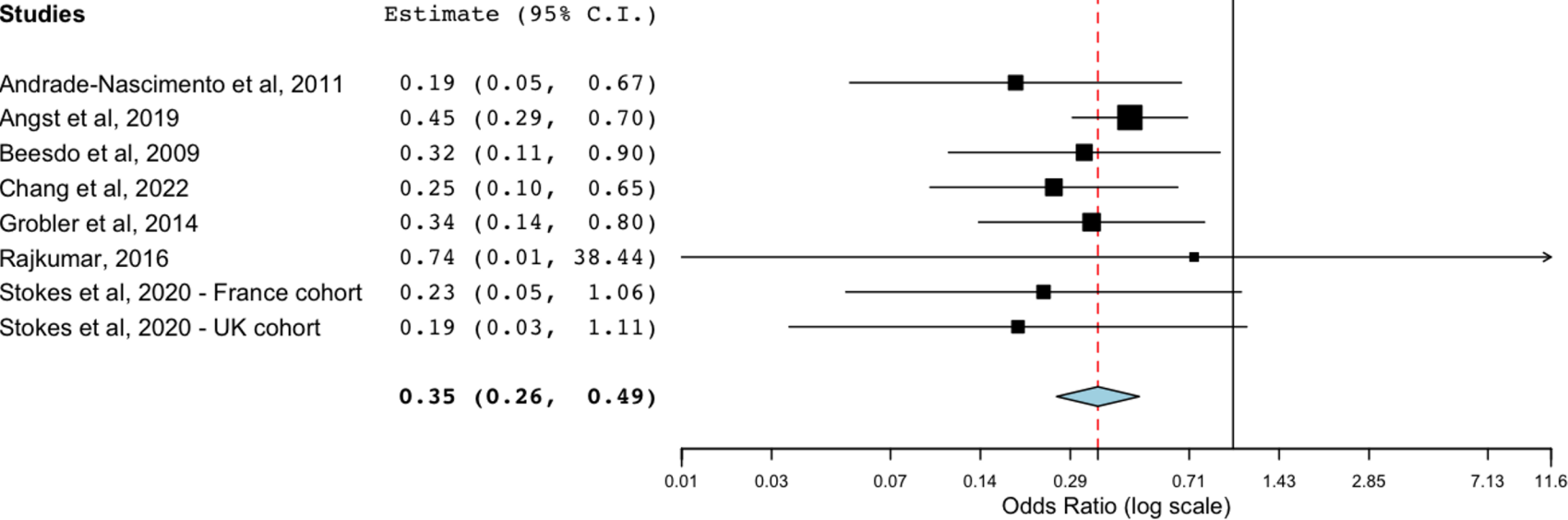| Studies	Estimate (95% C.I.)
Angst et al, 2019	4.14 (1.56, 10.97)
Dakhlaoui et al, 2008	1.00 (0.35, 2.82)
Perugi et al, 2007	2.08 (0.67, 6.44)
Rajkumar, 2016	2.28 (0.09, 58.07)
Yazici and Cakir, 2012	0.92 (0.27, 3.12)
Yazici et al, 2002	3.09 (1.06, 8.97)
	1.99 (1.17, 3.40)

Odds Ratio (log scale)
0.09 0.18 0.45 0.9 1.79 4.48 8.95 17.9 44.76
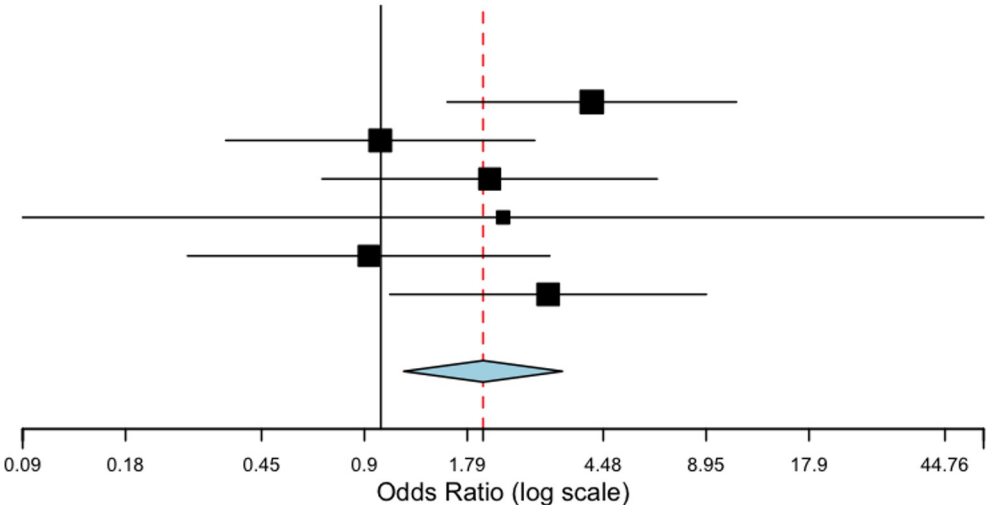
Supplementary File 14. Association between unipolar mania and anxiety disorders

Studies	Estimate (95% C.I.)
Andrade-Nascimento et al, 2011	0.19 (0.05, 0.67)
Angst et al, 2019	0.45 (0.29, 0.70)
Beesdo et al, 2009	0.32 (0.11, 0.90)
Chang et al, 2022	0.25 (0.10, 0.65)
Grobler et al, 2014	0.34 (0.14, 0.80)
Rajkumar, 2016	0.74 (0.01, 38.44)
Stokes et al, 2020 - France cohort	0.23 (0.05, 1.06)
Stokes et al, 2020 - UK cohort	0.19 (0.03, 1.11)
	0.35 (0.26, 0.49)

Odds Ratio (log scale)

0.01 0.03 0.07 0.14 0.29 0.71 1.43 2.85 7.13 11.6

Supplementary File 15. Association between unipolar mania and alcohol use disorders

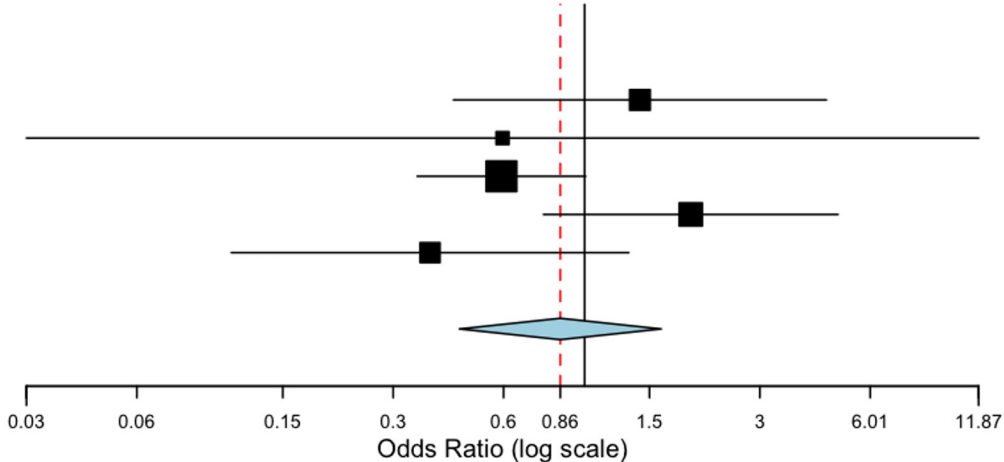| Studies	Estimate (95% C.I.)
Andrade-Nascimento et al, 2011	1.54 (0.54, 4.38)
Angst et al, 2004	0.65 (0.18, 2.35)
Angst et al, 2019	1.43 (0.92, 2.23)
Beesdo et al, 2009	4.12 (1.56, 10.87)
Grobler et al, 2014	1.29 (0.58, 2.87)
Stokes et al, 2020 - France cohort	0.66 (0.14, 3.03)
Stokes et al, 2020 - UK cohort	0.44 (0.10, 1.93)
	1.32 (0.84, 2.08)

Odds Ratio (log scale)
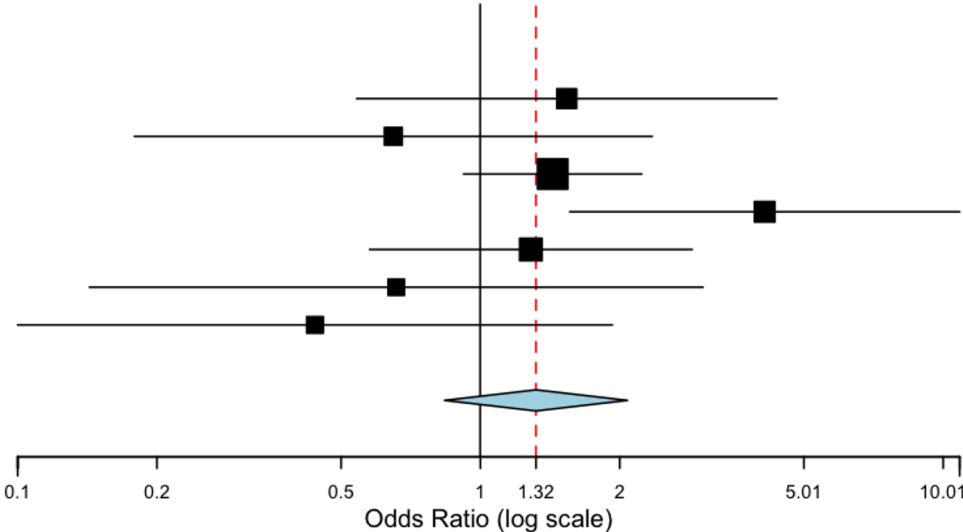
Supplementary File 16. Association between unipolar mania and substance use disorders

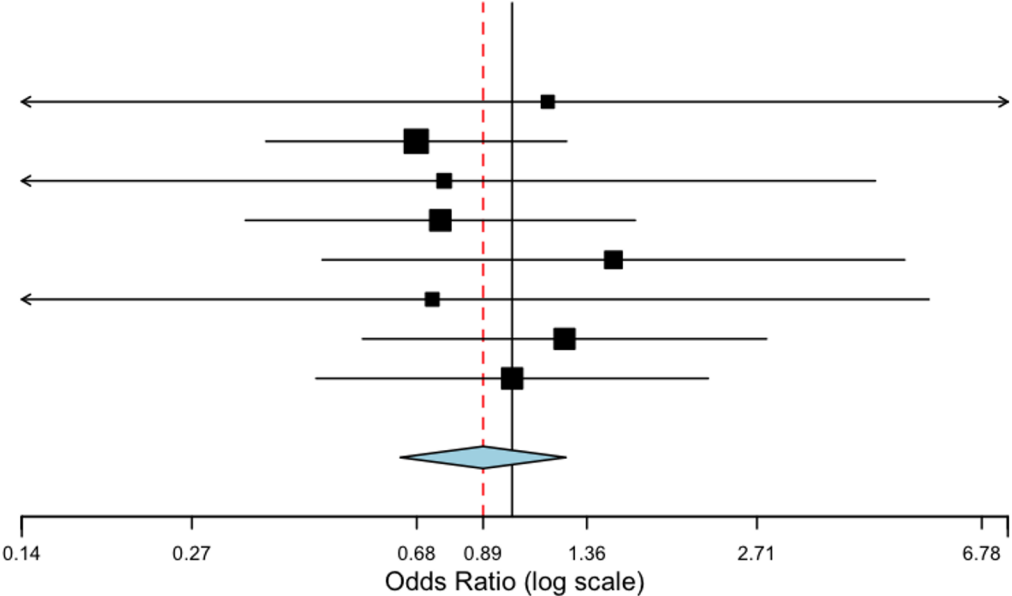| Studies	Estimate (95% C.I.)
Andrade-Nascimento et al, 2011	1.42 (0.44, 4.56)
Angst et al, 2004	0.60 (0.03, 11.87)
Angst et al, 2019	0.59 (0.35, 1.01)
Beesdo et al, 2009	1.95 (0.77, 4.91)
Rajkumar, 2016	0.38 (0.11, 1.32)
	0.86 (0.46, 1.62)

Odds Ratio (log scale)

0.03 0.06 0.15 0.3 0.6 0.86 1.5 3 6.01 11.87

Supplementary File 17. Association between unipolar mania and family history of bipolar disorder

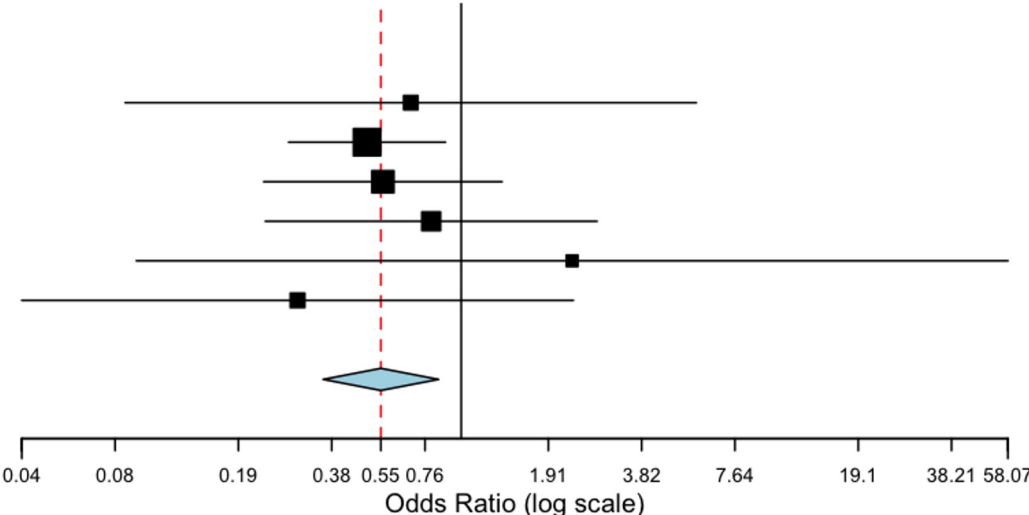| Studies	Estimate (95% C.I.)
Angst et al, 2004	1.16 (0.12, 10.81)
Angst et al, 2019	0.68 (0.37, 1.25)
Beesdo et al, 2009	0.76 (0.13, 4.39)
Grobler et al, 2014	0.75 (0.34, 1.65)
Perugi et al, 2007	1.51 (0.46, 4.95)
Rajkumar, 2016	0.72 (0.10, 5.47)
Yazici and Cakir, 2012	1.24 (0.54, 2.82)
Yazici et al, 2002	1.00 (0.45, 2.22)
0.89 (0.63, 1.25)	

Odds Ratio (log scale)
0.14   0.27   0.68 0.89 1.36   2.71   6.78

Supplementary File 18. Association between unipolar mania and family history of depression

Studies	Estimate (95% C.I.)
Angst et al, 2004	0.69 (0.08, 5.74)
Angst et al, 2019	0.50 (0.28, 0.89)
Beesdo et al, 2009	0.56 (0.23, 1.35)
Perugi et al, 2007	0.80 (0.23, 2.74)
Rajkumar, 2016	2.28 (0.09, 58.07)
Yazici et al, 2002	0.30 (0.04, 2.30)
	0.55 (0.36, 0.85)

Odds Ratio (log scale)

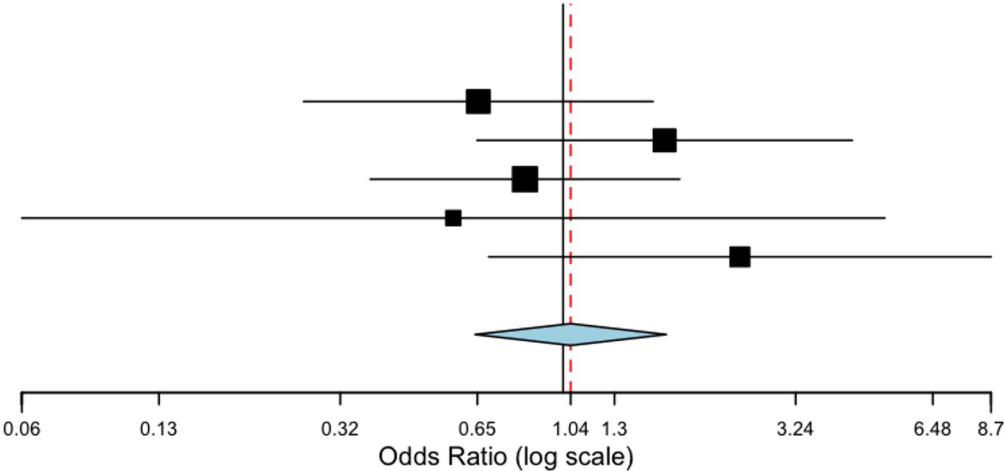**Supplementary File 19. Association between unipolar mania and family history of alcohol use disorders**
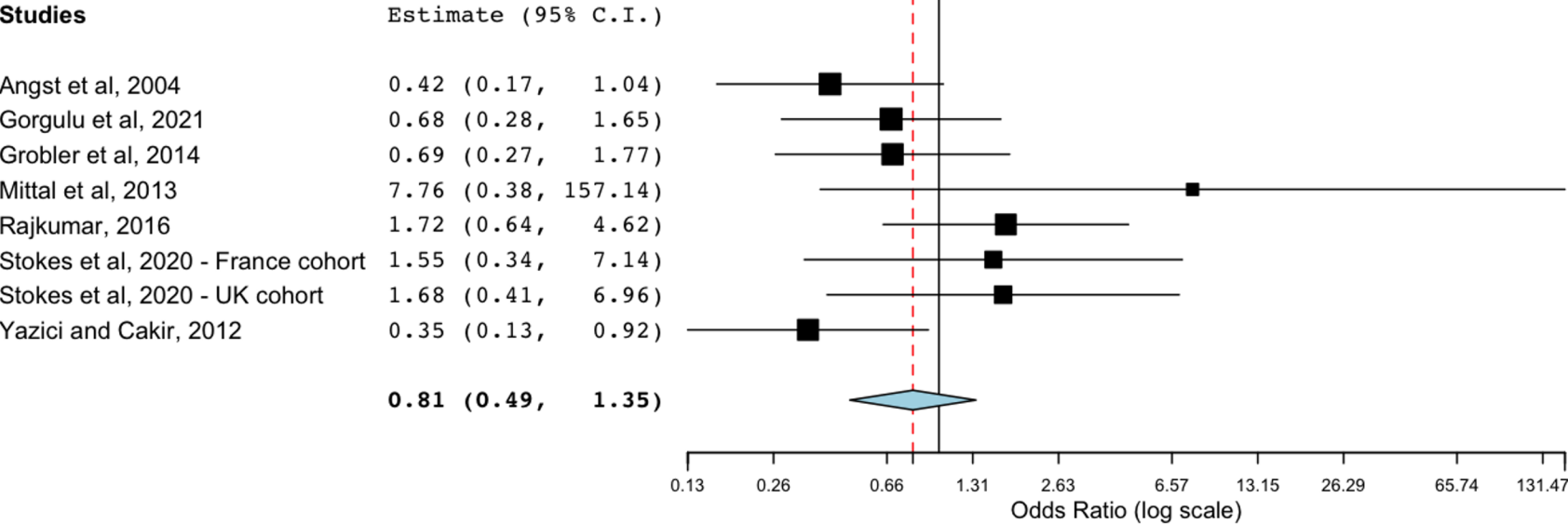
Studies	Estimate (95% C.I.)
Angst et al, 2019	0.65 (0.27, 1.58)
Beesdo et al, 2009	1.67 (0.65, 4.31)
Grobler et al, 2014	0.82 (0.38, 1.80)
Perugi et al, 2007	0.57 (0.06, 5.08)
Rajkumar, 2016	2.44 (0.69, 8.70)
	1.04 (0.64, 1.68)

Odds Ratio (log scale)

0.06   0.13   0.32   0.65   1.04 1.3   3.24   6.48   8.7

Supplementary File 20. Association between unipolar mania and lithium prescription

Studies	Estimate (95% C.I.)
Angst et al, 2004	0.42 (0.17, 1.04)
Gorgulu et al, 2021	0.68 (0.28, 1.65)
Grobler et al, 2014	0.69 (0.27, 1.77)
Mittal et al, 2013	7.76 (0.38, 157.14)
Rajkumar, 2016	1.72 (0.64, 4.62)
Stokes et al, 2020 - France cohort	1.55 (0.34, 7.14)
Stokes et al, 2020 - UK cohort	1.68 (0.41, 6.96)
Yazici and Cakir, 2012	0.35 (0.13, 0.92)
	0.81 (0.49, 1.35)

Odds Ratio (log scale)

0.13   0.26   0.66   1.31   2.63   6.57   13.15   26.29   65.74   131.47

Supplementary File 21. Association between unipolar mania and valproate prescription

Studies	Estimate (95% C.I.)
Gorgulu et al, 2021	3.73 (1.45, 9.61)
Grobler et al, 2014	0.94 (0.43, 2.08)
Mittal et al, 2013	5.35 (0.25, 116.31)
Rajkumar, 2016	0.45 (0.17, 1.23)
Stokes et al, 2020 - France cohort	1.39 (0.44, 4.35)
Stokes et al, 2020 - UK cohort	0.60 (0.14, 2.47)
Yazici and Cakir, 2012	2.86 (1.26, 6.46)
	1.39 (0.72, 2.68)

Odds Ratio (log scale)
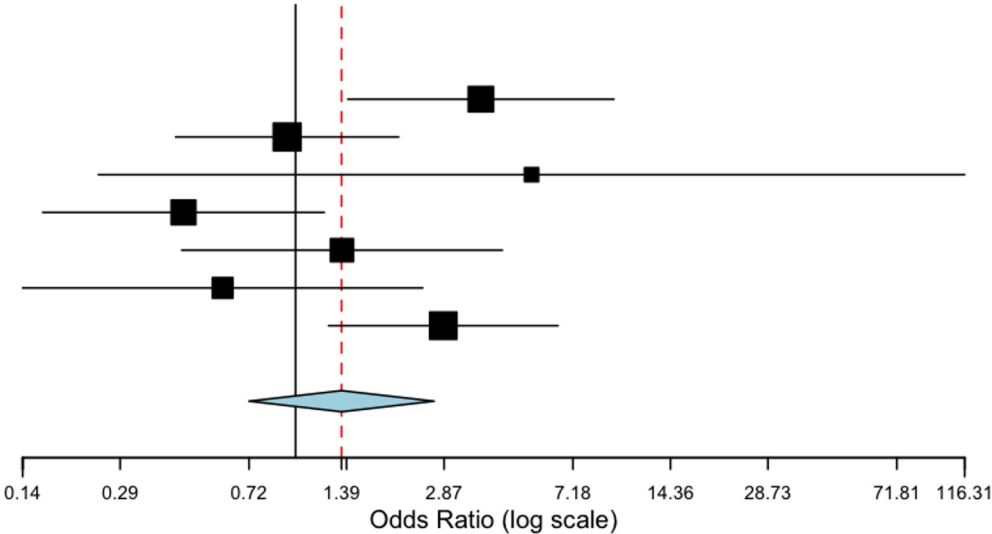
Supplementary File 22. Association between unipolar mania and atypical antipsychotics prescription

Studies	Estimate (95% C.I.)
Angst et al, 2004	0.30 (0.07, 1.34)
Gorgulu et al, 2021	1.38 (0.22, 8.77)
Rajkumar, 2016	0.74 (0.19, 2.82)
Stokes et al, 2020 - France cohort	2.44 (0.80, 7.45)
Stokes et al, 2020 - UK cohort	0.12 (0.01, 2.48)
	0.82 (0.32, 2.12)

Odds Ratio (log scale)

0.01 0.01 0.03 0.06 0.11 0.28 0.56 0.82 1.13 2.82 5.64 8.77