Supplementary Online Content

eMethods. Search strategies
eTable. 95% CIs of I^2 estimates

eMethods. Search strategies

Strategy on MEDLINE

1. epidemiologic methods/
2. limit 4 to yr=1966-1989
3. exp case-control studies/
4. (case$ and control$).tw.
5. or/1-3,5-7
6. Parkinson Disease.mh.
7. Parkinson*.ti,ab.
8. OR/9-10
9. Exp Bipolar Disorder/
10. Exp Mania/
11. OR/12-13
12. 8 and 11 and 14

Strategy on Embase

1. exp cohort analysis/
2. exp longitudinal study/
3. exp prospective study/
4. exp follow up/
5. cohort$.tw.
6. exp case control study/
7. (case$ and control$).tw.
8. or/1-7
9. exp Parkinson Disease/
10. Parkinson*.ti,ab.
11. OR/9-10
12. Exp Bipolar Disorder/
13. Exp Mania/
14. OR/12-13
15. 8 and 11 and 14

eTable. 95% CIs of I^2 estimates

Analysis	Odds ratio	Lower 95% confidence interval	Upper 95% confidence interval	I^2 (%)	Lower 95% confidence interval	Upper 95% confidence interval
Overall analysis	3.35	2.00	5.60	92	90	94
Sensitivity analysis excluding high-bias studies	3.21	1.89	5.45	94	91	95
Sensitivity analysis excluding Lin et al 2014	2.99	1.50	5.98	93	91	95
Sensitivity analysis including Kilbourne et al 2004	2.42	1.35	4.33	93	92	95
Subgroup Cohort studies	3.12	1.66	5.88	95	93	97
Subgroup Cross-sectional studies	3.61	2.33	5.60	0	0	0
Subgroup BD clearly established before PD	3.12	1.66	5.88	95	93	97
Subgroup BD not clearly established before PD	3.61	2.33	5.60	0	0	0

Subgroup Follow-up ≥ 9 years	1.75	1.36	2.26	0	0	0
Subgroup Follow-up < 9 years	5.20	4.26	6.35	34	1	56

Abbreviations: BD, bipolar disorder; PD, Parkinson disease.