Supplementary Online Content


eMethods. Search strategies
eTable. 95% CIs of $\hat{\rho}$ estimates

This supplementary material has been provided by the authors to give readers additional information about their work.
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/
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**

<table>
<thead>
<tr>
<th>Analysis</th>
<th>Odds ratio</th>
<th>Lower 95% confidence interval</th>
<th>Upper 95% confidence interval</th>
<th>$I^2$ (%)</th>
<th>Lower 95% confidence interval</th>
<th>Upper 95% confidence interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall analysis</td>
<td>3.35</td>
<td>2.00</td>
<td>5.60</td>
<td>92</td>
<td>90</td>
<td>94</td>
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<tr>
<td>Sensitivity analysis excluding high-bias studies</td>
<td>3.21</td>
<td>1.89</td>
<td>5.45</td>
<td>94</td>
<td>91</td>
<td>95</td>
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<tr>
<td>Sensitivity analysis excluding Lin et al 2014</td>
<td>2.99</td>
<td>1.50</td>
<td>5.98</td>
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<td>91</td>
<td>95</td>
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<td>Sensitivity analysis including Kilbourne et al 2004</td>
<td>2.42</td>
<td>1.35</td>
<td>4.33</td>
<td>93</td>
<td>92</td>
<td>95</td>
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<td>Subgroup Cohort studies</td>
<td>3.12</td>
<td>1.66</td>
<td>5.88</td>
<td>95</td>
<td>93</td>
<td>97</td>
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<td>Subgroup Cross-sectional studies</td>
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<tr>
<td>Subgroup BD clearly established before PD</td>
<td>3.12</td>
<td>1.66</td>
<td>5.88</td>
<td>95</td>
<td>93</td>
<td>97</td>
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<tr>
<td>Subgroup BD not clearly established before PD</td>
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<td>2.33</td>
<td>5.60</td>
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<td>Subgroup Follow-up ≥ 9 years</td>
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Abbreviations: BD, bipolar disorder; PD, Parkinson disease.