**Table DS2. Studies included in the meta-analyses**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  Study | Design | Country | Trial size | Age (years) | Psychotic symptoms (%) | Episode duration (months) | Medication resistance (%) | Length ECT course (#) | Electrode position | Response rate (%) | Remission rate (%) | Predictors included |
| Alves (2016) | PRO | Brazil | 43 | 51.1 | 41.5 | **X** | **X** | 8.7 | RUL | 84.3 | 58.1 | A, M, P, S |
| Bauer (2009)  | PRO | Denmark | 52a | 52.1a | **X** | **X** | **X** | 11.6b | BL | 80.8 | 59.6 | A, S |
| Bharadwaj (2012)  | RET | India | 37 | 43.7 | 56.8 | 5.91 | 62.2 | 7.4 | BL | 91.9 | 75.6 | A, P, S |
| Birkenhager (2003)  | RET | Netherlands | 55 | 50.4 | 47.3 | 23.1 | 74.5 | 14.7 | VAR | 74.5 | 40.0 | A, P, S |
| Birkenhager (2010)  | RET | Netherlands | 104a | 55.7a | 46.2a | 17.0a | 81.4a | 13.5b | BL | 69.1a | 44.0a | A, M, P, S |
| Bjølseth (2015)  | PRO | Norway | 73 | 74.8 | 24.7 | 6.5 | 38.4 | 9.2 | VAR | 65.8 | 45.2 | A, M, P, S |
| Bumb (2015)  | PRO | Germany | 20 | 51.7 | **X** | **X** | **X** | 11.3 | VAR | 80.0 | 55.0 | A, S |
| Dannon (2001)  | PRO | Israël | 17 | 62.4 | 70.6 | 10.7 | **X** | 9.3 | VAR | 41.2 | **X** | P |
| De Vreede (2005)  | RET | Netherlands | 53 | 59.0 | 47.2 | **X** | 72.0 | **X** | BL | 41.5 | **X** | P |
| Dombrovski (2005)  | PRO | USA | 328 | 57.4 | 28.4 | 13.7 | 54.3 | 11.2 | VAR | **X** | 55.8 | A, M, P |
| Fink (2007)  | PRO | USA | 385a | 55.5b | 29.5b | 10.6b | 52.2b | 7.2b | BL | **X** | 86.5 | M |
| Huuhka (2007) | PRO | Finland | 119 | 57.7 | 42.9 | **X** | **X**  | 9.4 | BL | 74.8 | 37.8 | A, P, S |
| Joshi (2015)  | PRO | USA | 29a | 41.0a | **X** | **X** | 100 | 11.5 | VAR | 65.5a | 48.3a | A, S |
| Kellner (2016) | PRO | USA | 240 | 70.2 | 11.6 | **X** | **X** | **X** | RUL | 70.4 | 86.0 | A, M, P, S |
| Kho (2005)  | RET | Netherlands | 73 | 57.7 | 46.6 | 52.8 | 77.0 | 7.0 | VAR | **X** | 65.8 | P |
| Kuscu (2015)  | PRO | Turkey | 58 | 42.0 | 0.0 | **X** | **X** | 8.0 | BL | 87.9 | **X** | A, S |
| Lin (2015)  | PRO | Taiwan | 104 | 47.3 | **X** | 15.7 | 86.7 | 9.5 | BL | 85.7 | 70.5 | A, S |
| Loo (2011)  | PRO | Australia | 75 | 46.2 | 12.0 | 14.9 | **X** | 9.7 | RUL | 61.3 | 36.0 | A, M, P, S |
| Medda (2014)  | PRO | Italy | 208 | 52.0 | 38.9 | 8.8 | 100 | 7.3 | BL | 73.1 | 34.6 | A, P, S |
| O´Connor (2001)  | PRO | USA | 394a | 56.3a | 29.9a | 11.4b | **X** | 7.8b | BL | 91.9 | 86.5 | A, S |
| Okazaki (2010)  | PRO | Japan | 24 | 64.2 | 54.2 | 7.8 | 100 | 6.0 | BL | 70.8 | **X** | A, P, S |
| Oudega (2014)  | PRO | Netherlands / Belgium | 81 | 74.0 | 42.0 | 10.2 | 33.3 | 12.8 | VAR | 74.1 | 48.1 | A, P, S |
| Piccini (2009)  | PRO | Italy | 18 | 44.9 | 44.4 | 7.4 | 100 | 8.3 | BL | **X** | 44.4 | A, P, S |
| Rhebergen (2015)  | PRO | Netherlands / Belgium | 120 | 60.5 | 41.7 | 20.0 | 60.2 | 13.0 | VAR | 54.2 | 45.8 | A, P, S |
| Schoeyen (2015)  | PRO | Norway | 23 | 48.0 | **X** | **X** | 100 | 10.6 | RUL | 73.9 | 34.8 | A, S |
| Semkovska (2016)  | PRO | Ireland | 138 | 56.7 | 21.0 | **X** | 72.8 | 7.8 | VAR | 55.8 | 44.2 | A, P, S |
| Sivaprakash (2000)  | PRO | India | 30 | 33.1 | 40.0 | **X** | 0 | **X** | BL | 63.3 | **X** | S |
| Sobin (1996)  | PRO | USA | 100 | 57.4 | 46.0 | **X** | **X** | 9.6 | VAR | **X** | 70.0 | P |
| Spaans (2013)  | PRO | Netherlands | 87 | 62.0a | 43.7a | 20.2b | **X** | 9.5 | RUL | 66.7 | 57.5 | A, P, S |
| Spashett (2014) | RET | UK | 414 | 57.4 | 30.0 | **X** | **X** | **X** | **X** | 77.2 | 55.6 | A, P, S |
| Tokutsu (2013)  | RET | Japan | 42 | 61.3 | 31.0 | 9.7 | 100 | 10.5 | BL | 85.7 | 54.8 | A, P, S |
| Tominaga (2011)  | PRO | Japan | 18 | 70.9 | 66.7 | 8.0 | 100 | 6.0 | BL | 38.9 | **X** | A, P, S |
| Van Waarde (2013)  | PRO | Netherlands | 84a | 59.1a | 33.3a | **X** | **X** | 17.4b | VAR | 69.0 | 48.8 | A, P, S |
| Winkler (2014)  | PRO | Austria | 15 | 47.9 | 6.7 | **X** | 100 | 9.8 | VAR | **X** | 40.0 | A,P, S |

PRO, prospective; RET, retrospective; BL, only bilateral electrode position; RUL, only right unilateral electrode position; VAR, different electrode positions were used; A, age; M, melancholic symptoms; P, psychotic symptoms; S, depression severity; **X**, data not available.

a. Number and averages of the completer sample extracted from additional data were used. Therefore, numbers in the table above may not match numbers in the original papers.

b. Data from the original paper (of for example course length) were used if these data were not available for the completer sample.