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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Tamoxifen** | **3.17 (2.06 to 11.1)** | **3.17 (1.97 to 11.8)** | **2.99 (2.04 to 8.71)** | **2.88 (1.99 to 7.76)** | **2.88 (1.92 to 8.45)** | **—** | **2.66 (1.87 to 6.41)** | **2.61 (1.98 to 6.29)** | **2.65 (1.84 to 6.6)** | **2.53 (1.83 to 5.66)** | **2.41 (1.69 to 5.45)** | **2.37 (1.68 to 5.35)** | **2.29 (1.62 to 4.89)** | **2.15 (1.55 to 4.41)** | **1.73 (1.16 to 6.36)** | **1.85 (1.35 to 3.65)** | **1.81 (1.46 to 2.95)** | **1.77 (1.4 to 2.95)** |
| **7.92 (1.61 to 69.8)** | **Risperidone** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **6.65 (3.4 to 1343)** | **—** | **4.42 (2.53 to 27.8)** | **4.26 (3.14 to 6.84)** | **4.03 (2.77 to 7.83)** |
| **7.98 (1.57 to 71)** | 1.01 (0.55 to 1.88) | **Carbamazep.** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—**  | **4.44 (2.44 to 61.7)** | **4.27 (2.89 to 9.11)** | **4.04 (2.61 to 10.1)** |
| **8.55 (1.78 to 73.3)** | 1.08 (0.71 to 1.63) | 1.07 (0.6 to 1.86) | **Haloperidol**  | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—**  |  **—** | **4.78 (2.71 to 36.9)** | **4.61 (3.56 to 6.67)** | **4.34 (3.02 to 8.03)** |
| **9.02 (1.88 to 78.1)** | 1.14 (0.77 to 1.69) | 1.13 (0.64 to 1.93) | 1.06 (0.76 to 1.46) | **Olanzapine**  | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—**  |  **—** | **5.09 (2.81 to 69.7)** | **4.9 (3.76 to 7.09)** | **4.6 (3.16 to 8.66)** |
| 6.44 (0.33 to 140) | 0.78 (0.06 to 7.92) | 0.78 (0.06 to 7.99) | 0.73 (0.06 to 7.16) | 0.69 (0.06 to 6.87) | **Verapamil**  | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—**  | **—**  | **—**  | **—**  |
| **9.05 (1.82 to 80.2)** | 1.14 (0.66 to 1.96) | 1.13 (0.59 to 2.13) | 1.06 (0.65 to 1.73) | 1 (0.62 to 1.61) | 1.46 (0.14 to 17.7) | **Cariprazine** |  **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **4.92 (3.33 to 9.73)** | **4.62 (2.93 to 11.6)** |
| **10.2 (2.09 to 88.7)** | 1.28 (0.82 to 2.01) | 1.27 (0.71 to 2.24) | 1.19 (0.85 to 1.67) | 1.13 (0.78 to 1.63) | 1.63 (0.17 to 19.8) | 1.12 (0.68 to 1.86) | **Aripiprazole**  | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **5.73 (4.08 to 9.71)** | **5.32 (3.43 to 12.6)** |
| **10.3 (2.11 to 88.9)** | 1.29 (0.8 to 2.08) | 1.29 (0.7 to 2.3) | 1.2 (0.8 to 1.79) | 1.14 (0.76 to 1.7) | 1.65 (0.17 to 20.1) | 1.14 (0.67 to 1.9) | 1.01 (0.66 to 1.53) | **Quetiapine** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **5.77 (4.08 to 10.1)** | **5.34 (3.49 to 13.1)** |
| **10.3 (2.1 to 91.3)** | 1.3 (0.81 to 2.07) | 1.29 (0.71 to 2.26) | 1.2 (0.8 to 1.8) | 1.14 (0.8 to 1.62) | 1.65 (0.16 to 20.3) | 1.14 (0.67 to 1.92) | 1.01 (0.66 to 1.55) | 1 (0.64 to 1.57) | **Valproate** | **—** | **—** | **—** | **—** | **—** | **—** | **—** | **5.78 (3.9 to 10.9)** | **5.36 (3.33 to 13.8)** |
| **11 (2.3 to 94.7)** | 1.38 (0.9 to 2.14) | 1.37 (0.79 to 2.34) | 1.29 (0.9 to 1.84) | 1.22 (0.87 to 1.71) | 1.76 (0.18 to 21.4) | 1.22 (0.75 to 1.97) | 1.08 (0.75 to 1.55) | 1.07 (0.74 to 1.55) | 1.07 (0.72 to 1.59) | **Lithium** | **—** | **—** | **—** | **—** | **—** | **—** | **6.41 (4.56 to 10.7)** | **5.89 (3.87 to 12.9)** |  |
| **12 (2.38 to 105)** | 1.51 (0.87 to 2.6) | 1.5 (0.77 to 2.85) | 1.4 (0.88 to 2.22) | 1.32 (0.81 to 2.14) | 1.93 (0.19 to 23.6) | 1.32 (0.73 to2.38) | 1.18 (0.71 to 1.93) | 1.16 (0.68 to 1.98) | 1.16 (0.68 to 1.98) | 1.09 (0.66 to 1.78) | **Ziprasidone** | **—** | **—** | **—** | **—** | **—** | **7.43 (4.13 to 30.3)** | **6.75 (3.57 to 59.7)** |
| **12.2 (2.44 to 108)** | 1.54 (0.86 to 2.78) | 1.53 (0.77 to 2.99) | 1.43 (0.85 to 2.45) | 1.35 (0.81 to 2.3) | 1.97 (0.19 to 24.5) | 1.35 (0.73 to 2.5) | 1.2 (0.7 to 2.06) | 1.19 (0.72 to 1.97) | 1.19 (0.68 to 2.11) | 1.12 (0.66 to 1.88) | 1.02 (0.55 to 1.93) | **Paliperidone** | **—** | **—** | **—** | **—** | **7.75 (4.14 to 54.8)** | **7.01 (3.59 to 206)** |
| **13.1 (2.62 to 115)** | 1.65 (0.94 to 2.88) | 1.64 (0.83 to 3.16) | 1.53 (0.92 to 2.55) | 1.45 (0.94 to 2.25) | 2.11 (0.21 to 26) | 1.45 (0.79 to 2.67) | 1.29 (0.76 to 2.19) | 1.27 (0.74 to 2.22) | 1.27 (0.75 to 2.18) | 1.19 (0.72 to 1.99) | 1.1 (0.59 to 2.03) | 1.07 (0.56 to 2.04) | **Asenapine**  | **—** | **—** | **—** | **8.91 (4.45 to 199)** | **—** |
| **14.8 (2.87 to 131)** | 1.86 (1 to 3.45) | 1.85 (0.9 to 3.68) | 1.73 (0.98 to 3.05) | 1.63 (0.94 to 2.85) | 2.37 (0.23 to 29.4) | 1.63 (0.85 to 3.1) | 1.45 (0.82 to 2.56) | 1.44 (0.8 to 2.58) | 1.43 (0.79 to 2.61) | 1.34 (0.81 to 2.22) | 1.23 (0.64 to 2.39) | 1.2 (0.61 to 2.36) | 1.13 (0.58 to 2.2) | **Lamotrigine** | **—** | **—** | **—** | **—**  |
| **26.1 (2.65 to 419)** | 3.16 (0.61 to 20.4) | 3.14 (0.58 to 20.6) | 2.95 (0.57 to 18.6) | 2.78 (0.55 to 17.5) | 4.12 (0.24 to 85.3) | 2.78 (0.53 to 18) | 2.46 (0.48 to 15.8) | 2.45 (0.47 to 15.6) | 2.44 (0.5 to 14.9) | 2.28 (0.45 to 14.5) | 2.1 (0.4 to 13.7) | 2.06 (0.39 to 13.4) | 1.92 (0.36 to 12.4) | 1.7 (0.32 to 11.4) | **Oxcarbazep.** | **—** | **—** | **—** |
| **20.5 (3.72 to 195)** | **2.58 (1.17 to 5.79)** | **2.57 (1.07 to 6.05)** | **2.4 (1.13 to 5.17)** | **2.27 (1.07 to 4.87)** | 3.31 (0.3 to 43) | 2.27 (1 to 5.19) | 2.01 (0.94 to 4.37) | 1.99 (0.92 to 4.41) | 1.99 (0.92 to 4.43) | 1.86 (0.88 to 3.99) | 1.7 (0.75 to 3.99) | 1.67 (0.72 to 3.94) | 1.56 (0.68 to 3.68) | 1.39 (0.59 to 3.36) | 0.81 (0.12 to 4.76) | **Licarbazep.**  |  **—** |  **—** |
| **21 (4.5 to 180)** | **2.66 (1.86 to 3.81)** | **2.64 (1.6 to 4.3)** | **2.47 (1.89 to 3.25)** | **2.33 (1.82 to 3.02)** | 3.39 (0.35 to 40.3) | **2.33 (1.56 to 3.53)** | **2.07 (1.56 to 2.77)** | **2.05 (1.49 to 2.85)** | **2.05 (1.48 to 2.87)** | **1.92 (1.49 to 2.49)** | **1.76 (1.16 to 2.73)** | **1.72 (1.08 to 2.74)** | **1.61 (1.03 to 2.54)** | 1.43 (0.87 to 2.37) | 0.84 (0.13 to 4.22) | 1.03 (0.5 to 2.09) | **Placebo** |  **—** |
| **22.4 (4.57 to 195)** | **2.83 (1.7 to 4.69)** | **2.82 (1.51 to 5.1)**  |  **2.63 (1.68 to 4.11)**  |  **2.49 (1.6 to 3.85)** |  3.61 (0.36 to 43.9) |  **2.48 (1.44 to 4.28)** |  **2.21 (1.4 to 3.48)** | **2.19 (1.37 to 3.53)**  | **2.18 (1.35 to 3.58)** | **2.05 (1.38 to 3.05)**  | **1.88 (1.08 to 3.29)** | **1.83 (1.02 to 3.3)** |  1.71 (0.97 to 3.05) |  1.53 (0.83 to 2.79) | 0.9 (0.14 to 4.65)  | 1.1 (0.49 to 2.43)  | 1.07 (0.74 to 1.53) | **Topiramate** |

*Figure 1*: Network meta-analysis of antimanic drugs’ efficacy based on the responder rates in the lower triangle, and their corresponding number needed to treat (NNT: only reported if significant) values in the upper triangle. Drugs are reported in order according to SUCRA based efficacy ranking by the responder rates as Odds Ratio (OR, with 95% CrI). Comparisons between treatments should be read from left to right and the estimate is in the cell in common between the column-defining treatment and the row-defining treatment. Odds ratios (ORs) higher than 1 favour the column-defining treatment. Significant results are in bold and underlined.

*Figure 2*: Network meta-analysis of antimanic drugs’ efficacy: Sensitivity analysis by exclusion of outliers (tamoxifen and topiramate). Drugs are ranked by efficacy based on standard mean differences (SMDs) as Hedges’ *g* (with 95% CrI). Comparisons between treatments should be read from left to right and the estimate is in the cell in common between the column-defining treatment and the row-defining treatment. SMDs higher than 0 favour the column-defining treatment. Significant results are in bold and underlined.

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| **Risperidone** |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 0.11 (−0.1 to 0.32) | **Haloperidol** |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 0.17 (−0.03 to 0.37) | 0.06 (−0.11 to 0.23) | **Olanzapine**  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 0.18 (−0.11 to 0.47) | 0.07 (−0.19 to 0.33) | 0.01 (−0.25 to 0.26) | **Cariprazine**  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 0.2 (−0.11 to 0.52) | 0.09 (−0.19 to 0.38) | 0.03 (−0.24 to 0.31) | 0.02 (−0.31 to 0.36) | **Lithium** |   |   |   |   |   |   |   |   |   |   |   |   |
| 0.22 (−0.01 to 0.43) | 0.11 (−0.09 to 0.29) | 0.05 (−0.13 to 0.21) | 0.04 (−0.23 to 0.29) | 0.02 (−0.27 to 0.29) | **Carbamaz.** |   |   |   |   |   |   |   |   |   |   |   |
| 0.28 (0.04 to 0.59) | 0.17 (−0.12 to 0.46) | 0.11 (−0.17 to 0.39) | 0.1 (−0.24 to 0.44) | 0.08 (−0.29 to 0.43) | 0.06 (−0.22 to 0.35) | **Paliperidone**  |   |   |   |   |   |   |   |   |   |   |
| **0.28 (0.04 to 0.51)** | 0.17 (−0.01 to 0.35) | 0.11 (−0.08 to 0.3) | 0.1 (−0.17 to 0.37) | 0.08 (−0.22 to 0.37) | 0.06 (−0.13 to 0.26) | 0 (−0.3 to 0.29)  | **Aripiprazole**  |   |   |   |   |   |   |   |   |   |
| 0.3 (−0.01 to 0.59) | 0.19 (−0.09 to 0.46) | 0.13 (−0.11 to 0.36) | 0.12 (−0.21 to 0.44) | 0.1 (−0.26 to 0.44) | 0.08 (−0.19 to 0.35) | 0.01 (−0.34 to 0.36) | 0.02 (−0.27 to 0.3) | **Asenapine**  |   |   |   |   |   |   |   |   |
| **0.3 (0.04 to 0.56)** | 0.2 (−0.03 to 0.41) | 0.13 (−0.09 to 0.35) | 0.13 (−0.17 to 0.41) | 0.1 (−0.22 to 0.41) | 0.09 (−0.13 to 0.31) | 0.02 (−0.25 to 0.29) | 0.03 (−0.21 to 0.26) | 0.01 (−0.3 to 0.31) | **Quetiapine** |   |   |   |   |   |   |   |
| 0.35 (−0.29 to 0.98) | 0.24 (−0.38 to 0.86) | 0.18 (−0.44 to 0.79) | 0.17 (−0.48 to 0.82) | 0.15 (−0.52 to 0.8) | 0.13 (−0.49 to 0.75) | 0.07 (−0.59 to 0.73) | 0.07 (−0.56 to 0.7) | 0.05 (−0.6 to 0.7) | 0.05 (−0.59 to 0.68) | **Oxcarbazep.** |   |   |   |   |   |   |
| **0.32 (0.03 to 0.6)** | 0.21 (−0.04 to 0.46) | 0.15 (−0.11 to 0.4) | 0.14 (−0.18 to 0.45) | 0.12 (−0.23 to 0.45) | 0.1 (−0.16 to 0.37) | 0.04 (−0.3 to 0.38) | 0.04 (−0.23 to 0.31) | 0.02 (−0.3 to 0.35) | 0.02 (−0.27 to 0.31) | −0.03 (−0.68 to 0.62) | **Ziprasidone**  |   |   |   |   |   |
| **0.34 (0.1 to 0.57)** | **0.23 (0.02 to 0.43)** | 0.17 (−0.01 to 0.33) | 0.16 (−0.11 to 0.43) | 0.14 (−0.16 to 0.42) | 0.12 (−0.07 to 0.32) | 0.06 (−0.24 to 0.35) | 0.06 (−0.16 to 0.27) | 0.04 (−0.24 to 0.32) | 0.04 (−0.2 to 0.27) | −0.01 (−0.6 to 0.58) | 0.02 (−0.26 to 0.29) | **Valproate**  |   |   |   |   |
| 0.66 (−0.28 to 1.61) | 0.56 (−0.38 to 1.5) | 0.49 (−0.44 to 1.44) | 0.48 (−0.47 to 1.45) | 0.46 (−0.49 to 1.43) | 0.45 (−0.49 to 1.39) | 0.38 (−0.58 to 1.35) | 0.38 (−0.55 to 1.33) | 0.37 (−0.59 to 1.34) | 0.36 (−0.58 to 1.31) | 0.31 (−0.79 to 1.43) | 0.35 (−0.61 to 1.3) | 0.32 (−0.61 to 1.27) | **Verapamil**  |   |   |   |
| **0.52 (0.19 to 0.83)** | **0.41 (0.11 to 0.7)** | **0.35 (0.06 to 0.62)** | 0.34 (−0.01 to 0.68) | 0.32 (−0.06 to 0.67) | **0.3 (0.03 to 0.56)** | 0.24 (−0.13 to 0.59) | 0.24 (−0.07 to 0.54) | 0.22 (−0.14 to 0.57) | 0.21 (−0.11 to 0.53) | 0.17 (−0.5 to 0.83) | 0.2 (−0.16 to 0.54) | 0.18 (−0.12 to 0.47) | −0.15 (−1.12 to 0.81) | **Lamotrigine**  |   |   |
| **0.56 (0.13 to 0.98)** | **0.45 (0.04 to 0.86)** | 0.39 (−0.01 to 0.79) | 0.38 (−0.06 to 0.82) | 0.36 (−0.11 to 0.81) | 0.34 (−0.06 to 0.75) | 0.28 (−0.18 to 0.74) | 0.28 (−0.13 to 0.69) | 0.26 (−0.18 to 0.72) | 0.26 (−0.17 to 0.68) | 0.21 (−0.51 to 0.93) | 0.24 (−0.2 to 0.69) | 0.22 (−0.19 to 0.64) | −0.11 (−1.12 to 0.89) | 0.04 (−0.41 to 0.51) | **Licarbazepine**  |   |
| **0.65 (0.46 to 0.83)** | **0.54 (0.4 to 0.68)** | **0.48 (0.35 to 0.61)** | **0.47 (0.25 to 0.69)** | **0.45 (0.19 to 0.7)** | **0.43 (0.3 to 0.58)** | **0.37 (0.12 to 0.62)** | **0.37 (0.22 to 0.53)** | **0.35 (0.11 to 0.6)** | **0.35 (0.16 to 0.54)** | 0.3 (−0.31 to 0.91) | **0.33 (0.1 to 0.56)** | **0.31 (0.16 to 0.47)** | −0.01 (−0.94 to 0.91) | 0.13 (−0.12 to 0.4) | 0.09 (−0.29 to 0.47) | **Placebo**  |

*Figure 3*: Network meta-analysis of antimanic drugs’ efficacy: Sensitivity analysis by exclusion of haloperidol node. Drugs are ranked by efficacy based on standard mean differences (SMDs) as Hedges’ *g* (with 95% CrI). Comparisons between treatments should be read from left to right and the estimate is in the cell in common between the column-defining treatment and the row-defining treatment. SMDs higher than 0 favour the column-defining treatment. Significant results are in bold and underlined.

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| **Tamoxifen**  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **2.26 (1.7 to 2.86)** | **Risperidone** |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **2.39 (1.86 to 2.97)** | 0.14 (−0.09 to 0.36) | **Olanzapine** |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **2.41 (1.85 to 3.02)** | 0.16 (−0.16 to 0.46) | 0.02 (−0.26 to 0.29) | **Cariprazine** |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **2.44 (1.86 to 3.09)** | 0.19 (−0.14 to 0.53) | 0.05 (−0.24 to 0.36) | 0.03 (−0.31 to 0.4) | **Carbamazap.** |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **2.46 (1.92 to 3.03)** | 0.2 (−0.05 to 0.43) | 0.06 (−0.13 to 0.24) | 0.04 (−0.24 to 0.31) | 0.02 (−0.3 to 0.29) | **Lithium** |   |   |   |   |   |   |   |   |   |   |   |   |
| **2.46 (1.89 to 3.07)** | 0.2 (−0.13 to 0.52) | 0.06 (−0.22 to 0.35) | 0.04 (−0.3 to 0.39) | 0.02 (−0.37 to 0.37) | 0 (−0.28 to 0.3) | **Ziprasidone**  |   |   |   |   |   |   |   |   |   |   |   |
| **2.51 (1.94 to 3.14)** | 0.26 (−0.09 to 0.59) | 0.12 (−0.19 to 0.42) | 0.1 (−0.26 to 0.46) | 0.07 (−0.33 to 0.43) | 0.06 (−0.24 to 0.37) | 0.06 (−0.32 to 0.42) | **Paliperidone**  |   |   |   |   |   |   |   |   |   |   |
| **2.52 (1.95 to 3.14)** | 0.27 (−0.06 to 0.58) | 0.13 (−0.13 to 0.38) | 0.11 (−0.24 to 0.46) | 0.08 (−0.31 to 0.43) | 0.07 (−0.22 to 0.36) | 0.06 (−0.3 to 0.42) | 0.01 (−0.36 to 0.38)  | **Asenapine** |   |   |   |   |   |   |   |   |   |
| **2.53 (1.98 to 3.12)** | 0.28 (−0.02 to 0.55) | 0.14 (−0.11 to 0.38) | 0.12 (−0.19 to 0.43) | 0.09 (−0.26 to 0.41) | 0.08 (−0.16 to 0.32) | 0.08 (−0.25 to 0.39) | 0.02 (−0.28 to 0.31) | 0.01 (−0.32 to 0.34) | **Quetiapine** |   |   |   |   |   |   |   |   |
| **2.57 (2.03 to 3.15)** | **0.31 (0.03 to 0.58)** | 0.18 (−0.05 to 0.4) | 0.16 (−0.14 to 0.45) | 0.13 (−0.21 to 0.43) | 0.11 (−0.1 to 0.33) | 0.11 (−0.2 to 0.42) | 0.05 (−0.27 to 0.38) | 0.05 (−0.27 to 0.36) | 0.04 (−0.23 to 0.3) | **Aripiprazole** |   |   |   |   |   |   |   |
| **2.61 (1.8 to 3.44)** | 0.35 (−0.31 to 1) | 0.21 (−0.42 to 0.84) | 0.19 (−0.48 to 0.86) | 0.16 (−0.53 to 0.82) | 0.15 (−0.49 to 0.78) | 0.15 (−0.54 to 0.82) | 0.09 (−0.6 to 0.77) | 0.08 (−0.6 to 0.75) | 0.07 (−0.59 to 0.73) | 0.04 (−0.62 to 0.68) | **Oxcarbazep.** |   |   |   |   |   |   |
| **2.59 (2.04 to 3.17)** | **0.33 (0.07 to 0.58)** | **0.2 (0.01 to 0.37)** | 0.18 (−0.12 to 0.46) | 0.15 (−0.18 to 0.44) | 0.13 (−0.07 to 0.34) | 0.13 (−0.18 to 0.43) | 0.08 (−0.25 to 0.39) | 0.07 (−0.23 to 0.36) | 0.06 (−0.21 to 0.31) | 0.02 (−0.23 to 0.26) | −0.02 (−0.62 to 0.59) | **Valproate** |   |   |   |   |   |
| **2.75 (2.17 to 3.36)** | **0.5 (0.14 to 0.82)** | **0.36 (0.05 to 0.65)** | 0.34 (−0.03 to 0.69) | 0.31 (−0.1 to 0.67) | **0.29 (0.01 to 0.57)** | 0.29 (−0.09 to 0.65) | 0.24 (−0.16 to 0.61) | 0.23 (−0.15 to 0.59) | 0.22 (−0.13 to 0.55) | 0.18 (−0.15 to 0.5) | 0.14 (−0.54 to 0.82) | 0.16 (−0.16 to 0.47) | **Lamotrigine** |   |   |   |   |
| **2.9 (1.84 to 3.98)** | 0.64 (−0.3 to 1.58) | 0.51 (−0.42 to 1.44) | 0.48 (−0.46 to 1.44) | 0.45 (−0.5 to 1.41) | 0.45 (−0.49 to 1.37) | 0.44 (−0.51 to 1.4) | 0.39 (−0.57 to 1.34) | 0.38 (−0.58 to 1.33) | 0.37 (−0.57 to 1.31) | 0.33 (−0.61 to 1.27) | 0.29 (−0.82 to 1.4) | 0.31 (−0.62 to 1.25) | 0.15 (−0.81 to 1.11) | **Verapamil**  |   |   |   |
| **2.79 (2.14 to 3.5)** | **0.54 (0.08 to 0.99)** | 0.4 (−0.04 to 0.83) | 0.38 (−0.09 to 0.85) | 0.35 (−0.16 to 0.82) | 0.34 (−0.09 to 0.78) | 0.34 (−0.14 to 0.81) | 0.28 (−0.21 to 0.77) | 0.27 (−0.21 to 0.75) | 0.26 (−0.19 to 0.72) | 0.23 (−0.22 to 0.67) | 0.19 (−0.56 to 0.95) | 0.21 (−0.23 to 0.65) | 0.04 (−0.44 to 0.54) | −0.11 (−1.11 to 0.9) | **Licarbazepine**  |   |   |
| **2.88 (2.37 to 3.44)** | **0.63 (0.42 to 0.83)** | **0.49 (0.35 to 0.63)** | **0.47 (0.23 to 0.71)** | **0.44 (0.16 to 0.7)** | **0.43 (0.29 to 0.58)** | **0.43 (0.17 to 0.68)** | **0.37 (0.1 to 0.64)** | **0.36 (0.1 to 0.62)** | **0.35 (0.15 to 0.56)** | **0.32 (0.14 to 0.5)** | 0.28 (−0.34 to 0.91) | **0.3 (0.13 to 0.47)** | 0.13 (−0.13 to 0.42) | −0.02 (−0.94 to 0.9) | 0.09 (−0.32 to 0.5) | **Placebo** |   |
| **2.95 (2.41 to 3.55)** | **0.7 (0.41 to 0.98)** | **0.56 (0.32 to 0.8)** | **0.54 (0.23 to 0.85)** | **0.52 (0.17 to 0.83)** | **0.5 (0.29 to 0.72)** | **0.5 (0.18 to 0.82)** | **0.44 (0.11 to 0.78)** | **0.43 (0.11 to 0.76)** | **0.42 (0.14 to 0.7)** | **0.39 (0.12 to 0.65)** | 0.35 (−0.3 to 1.01) | **0.37 (0.12 to 0.63)** | 0.21 (−0.11 to 0.54) | −0.06 (−0.89 to 0.99) | 0.16 (−0.29 to 0.61) | 0.07 (−0.13 to 0.27) | **Topiramate** |

*Figure 4*: Network meta-analysis of antimanic drugs’ efficacy: Sensitivity analysis by exclusion of placebo node. Drugs are ranked by efficacy based on standard mean differences (SMDs) as Hedges’ *g* (with 95% CrI). Comparisons between treatments should be read from left to right and the estimate is in the cell in common between the column-defining treatment and the row-defining treatment. SMDs higher than 0 favour the column-defining treatment. Significant results are in bold and underlined.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Risperidone** |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 0.07 (−0.2 to 0.34) | **Haloperidol** |   |   |   |   |   |   |   |   |   |   |   |   |
| 0.1 (−0.26 to 0.44) | 0.03 (−0.22 to 0.26) | **Aripiprazole**  |   |   |   |   |   |   |   |   |   |   |   |
| 0.1(−0.48 to 0.63) | 0.03 (−0.5 to 0.5) | 0 (−0.55 to 0.52) | **Paliperidone**  |   |   |   |   |   |   |   |   |   |   |
| 0.15 (−0.22 to 0.43) | 0.08 (−0.22 to 0.29) | 0.05 (−0.27 to 0.29) | 0.05 (−0.48 to 0.53) | **Lithium** |   |   |   |   |   |   |   |   |   |
| 0.16 (−0.14 to 0.41) | 0.09 (−0.15 to 0.28) | 0.06 (−0.24 to 0.34) | 0.06 (−0.45 to 0.58) | 0.01 (−0.2 to 0.26) | **Olanzapine**  |   |   |   |   |   |   |   |   |
| 0.26 (−0.17 to 0.64) | 0.19 (−0.16 to 0.49) | 0.15 (−0.23 to 0.52) | 0.16 (−0.22 to 0.54) | 0.11 (−0.2 to 0.45) | 0.1 (−0.25 to 0.45) | **Quetiapine** |   |   |   |   |   |   |   |
| 0.34 (−0.36 to 0.99) | 0.27 (−0.4 to 0.9) | 0.23 (−0.45 to 0.9) | 0.24 (−0.56 to 1.02) | 0.19 (−0.45 to 0.84) | 0.18 (−0.45 to 0.8) | 0.08 (−0.62 to 0.78) | **Oxcarbazep.** |   |   |   |   |   |   |
| 0.34 (−0.15 to 0.74) | 0.27 (−0.17 to 0.61) | 0.24 (−0.21 to 0.61) | 0.24 (−0.38 to 0.79) | 0.19 (−0.12 to 0.49) | 0.18 (−0.22 to 0.52) | 0.08 (−0.39 to 0.5) | 0 (−0.73 to 0.69) | **Lamotrigine**  |   |   |   |   |   |
| 0.33 (−0.04 to 0.63) | 0.26 (−0.05 to 0.5) | 0.23 (−0.12 to 0.54) | 0.23 (−0.32 to 0.76) | 0.18 (−0.07 to 0.44) | 0.17 (−0.05 to 0.37) | 0.07 (−0.31 to 0.44) | 0.01 (−0.6 to 0.58) | −0.01 (−0.38 to 0.4) | **Valproate**  |   |   |   |   |
| 0.33 (−0.08 to 0.69) | 0.27 (−0.11 to 0.59) | 0.23 (−0.18 to 0.62) | 0.24 (−0.35 to 0.82) | 0.19 (−0.14 to 0.56) | 0.18 (−0.1 to 0.44) | 0.08 (−0.36 to 0.52) | 0 (−0.68 to 0.69) | 0 (−0.43 to 0.49) | 0.01 (−0.32 to 0.36) | **Asenapine**  |   |   |   |
| **0.59 (0.12 to 1.06)** | **0.52 (0.14 to 0.9)** | **0.48 (0.05 to 0.95)** | 0.49 (−0.11 to 1.15) | **0.43 (0.03 to 0.95)** | **0.43 (0.01 to 0.9)** | 0.33 (−0.14 to 0.86) | 0.25 (−0.48 to 1.03) | 0.24 (−0.25 to 0.85) | 0.26 (−0.18 to 0.77) | 0.25 (−0.24 to 0.8) | **Ziprasidone** |   |   |
| **0.64 (0.04 to 1.18)** | 0.57 (0 to 1.09) | 0.54 (−0.05 to 1.08) | 0.53 (−0.17 to 1.23) | 0.48 (−0.02 to 1.01) | 0.48 (−0.07 to 0.99) | 0.37 (−0.22 to 0.96) | 0.29 (−0.5 to 1.08) | 0.3 (−0.3 to 0.91) | 0.31 (−0.22 to 0.82) | 0.3 (−0.3 to 0.88) | 0 .05 (−0.64 to 0.68) | **Carbamaz.** |   |
| **0.68 (0.21 to 1.07)** | **0.62 (0.18 to 0.95)** | **0.58 (0.15 to 0.94)** | 0.58 (−0.02 to 1.13) | **0.53 (0.25 to 0.82)** | **0.52 (0.14 to 0.86)** | 0.42 (−0.03 to 0.83) | 0.34 (−0.37 to 1.04) | 0.34 (−0.06 to 0.77) | 0.35 (−0.04 to 0.73) | 0.35 (−0.13 to 0.78) | 0.1 (−0.5 to 0.59) | 0.04 (−0.55 to 0.63) | **Topiramate**  |