

Data supplement

Table DS1 Details of the studies included in the meta-analysis

| Study, first author (year) | n | Participants with bipolar disorder | | | Comparison group(s) | | | Methods | |
|-----------------------------------|----|------------------------------------|---------|------------------|---------------------|---------------|--|----------|---------------------|
| | | Diagnostic system | Males n | Age, years: mean | Healthy controls | Schizophrenia | Unipolar depression/schizoaffective disorder | Magnet T | Slice thickness, mm |
| Swayze (1990) ⁸¹ | 48 | DSM-III | 29 | 33.9 | 47 | 54 | 0 | 0.5 | 10 |
| Rossi (1991) ⁶⁶ | 16 | DSM-III | NK | 47 | 0 | 10 | 0 | 0.5 | 5 |
| Swayze (1992) ⁸² | 48 | DSM-III | 29 | 33.9 | 47 | 54 | 0 | 0.5 | 10 |
| Strakowski (1993) ⁷⁷ | 17 | DSM-III-R | 7 | 28.4 | 16 | 0 | 0 | 1.5 | 6 |
| Aylward (1994) ¹⁸ | 30 | DSM-III-R | 16 | 39.2 | 30 | 0 | 0 | 1.5 | 5 |
| Harvey (1994) ⁴⁶ | 26 | DSM-III-R | 10 | 35.6 | 34 | 48 | 0 | 0.5 | 5 |
| Schlaepfer (1994) ⁷⁵ | 27 | DSM-III-R | 16 | 34.9 | 60 | 46 | 0 | 1.5 | 5 |
| Botteron (1995) ²² | 10 | DSM-III-R | 5 | 11.3 | 5 | 0 | 0 | 1.5 | 4–5 |
| Dupont (1995) ⁴⁰ | 36 | DSM-III-R | 24 | 36.6 | 26 | 0 | 30 ^a | 1.5 | 5 |
| Pearlson (1997) ⁶⁵ | 27 | DSM-III-R | 16 | 34.9 | 60 | 46 | 0 | 1.5 | 5 |
| Zipursky (1997) ⁸⁵ | 14 | DSM-III-R | 3 | 35.9 | 17 | 23 | 0 | 1.5 | 5 |
| Altshuler (1998) ¹⁵ | 12 | DSM-III-R | 12 | 50.8 | 18 | 14 | 0 | 1.5 | 1.4 |
| Roy (1998) ⁶⁸ | 14 | DSM-III-R | 3 | 35.9 | 15 | 22 | 0 | 1.5 | 5 |
| Dasari (1999) ³⁶ | 15 | DSM-III-R | 8 | 15.3 | 16 | 20 | 0 | 1.5 | 5 |
| DelBello (1999) ³⁸ | 30 | DSM-III-R | 18 | 26.3 | 15 | 0 | 0 | 1.5 | 1 |
| Lim (1999) ⁵⁶ | 9 | DSM-III-R | NK | 44.4 | 16 | 9 | 0 | 1.5 | 5 |
| Sax (1999) ⁷⁴ | 17 | DSM-III-R | 10 | 27 | 12 | 0 | 0 | 1.5 | 1 |
| Strakowski (1999) ⁷⁸ | 24 | DSM-III-R | 17 | 27 | 22 | 0 | 0 | 1.5 | 1 |
| Altshuler (2000) ¹⁶ | 24 | DSM-III-R | NK | 50.2 | 18 | 20 | 0 | 1.5 | 1.4 |
| Hauser (2000) ⁴⁷ | 47 | RDC | 20 | 40.7 | 19 | 0 | 0 | 0.5 | 5 |
| Hirayasu (2000) ⁴⁹ | 24 | DSM-III-R | 18 | 23.6 | 22 | 20 | 0 | 1.5 | 1.5 |
| Brambilla (2001) ²³ | 22 | DSM-IV | 13 | 36 | 22 | 0 | 0 | 1.5 | 1.5 |
| Brambilla (2001) ²⁴ | 22 | DSM-IV | 13 | 36 | 22 | 0 | 0 | 1.5 | 1.5 |
| Brambilla (2001) ²⁵ | 22 | DSM-IV | 13 | 36 | 22 | 0 | 0 | 1.5 | 1.5 |
| Caetano (2001) ²⁸ | 25 | DSM-IV | 15 | 34.4 | 39 | 0 | 17 ^a | 1.5 | 1.5 |
| McIntosh (2001) ⁵⁹ | 14 | OPCRIT | 4 | 40.2 | 29 | 16 | 9 ^a | 1 | 1.9 |
| Noga (2001) ⁶³ | 6 | DSM-III-R | 1 | 34.5 | 11 | 0 | 0 | 1.5 | 2 |
| Sassi (2001) ⁷¹ | 23 | DSM-IV | 16 | 34.7 | 34 | 0 | 13 ^a | 1.5 | 1.5 |
| Brambilla (2002) ²⁶ | 27 | DSM-IV | 15 | 35 | 38 | 0 | 18 ^a | 1.5 | 1.5 |
| Sassi (2002) ⁷² | 29 | DSM-IV | 17 | NK | 46 | 0 | 0 | 1.5 | 1.5 |
| Getz (2002) ⁴⁵ | 12 | DSM-IV | 8 | 29.2 | 12 | 0 | 12 ^b | 1.5 | 1 |
| Lopez Larson (2002) ⁵⁷ | 17 | DSM-IV | 11 | 29 | 12 | 0 | 0 | 1.5 | 1 |
| Strakowski (2002) ⁷⁹ | 35 | DSM-IV | 17 | 23.5 | 32 | 0 | 0 | 1.5 | 1.5 |
| Blumberg (2003) ²¹ | 36 | DSM-IV | 16 | 31 | 56 | 0 | 0 | 1.5 | 1.2 |
| Brambilla (2003) ²⁷ | 24 | DSM-IV | 15 | 35 | 36 | 0 | 0 | 1.5 | 1.5 |
| Kasai (2003) ⁵² | 15 | DSM-IV | 14 | 21.8 | 14 | 13 | 0 | 1.5 | 1.5 |
| Kasai (2003) ⁵³ | 26 | DSM-IV | 21 | 23.2 | 29 | 27 | 0 | 1.5 | 1.5 |
| Kasai (2003) ⁵⁴ | 15 | DSM-IV | 14 | 21.8 | 22 | 13 | 0 | 1.5 | 1.5 |
| Sharma (2003) ⁷⁶ | 12 | DSM-III-R | 6 | 38.3 | 8 | 0 | 0 | 4 | 3.3 |
| Beyer (2004) ¹⁹ | 36 | DSM-IV | 12 | 58.8 | 35 | 0 | 0 | 1.5 | 3 |
| Beyer (2004) ²⁰ | 36 | DSM-IV | 13 | 58.2 | 29 | 0 | 0 | 1.5 | 3 |
| Chen (2004) ³¹ | 16 | DSM-IV/K-SADS | 8 | 16 | 21 | 0 | 0 | 1.5 | 1.5 |
| Chen (2004) ³² | 16 | DSM-IV K-SAD- PL | 8 | 15.5 | 21 | 0 | 0 | 1.5 | 1.5 |
| Chen (2004c) ³³ | 16 | DSM-IV/K-SADS-PL | 8 | 15.5 | 21 | 0 | 0 | 1.5 | 1.5 |
| Davis (2004) ³⁷ | 22 | DSM-IV | 22 | 43.1 | 32 | 0 | 0 | 1.5 | 3 |
| Del Bello (2004) ³⁹ | 23 | DSMIV/K-SADS | 14 | 16.3 | 20 | 0 | 0 | 1.5 | 1.5 |
| Sassi (2004) ⁷³ | 27 | DSM-IV | 15 | 35.1 | 39 | 0 | 0 | 1.5 | 1.5 |
| Chang (2005) ²⁹ | 20 | DSM-IV/K-SADS | 16 | 14.6 | 20 | 0 | 0 | 3 | 1.5 |
| Chang (2005) ³⁰ | 20 | DSM-IV/K-SADS | 16 | 14.6 | 20 | 0 | 0 | 3 | 1.5 |
| Frazier (2005) ⁴² | 43 | DSM-IV K-SADS-E | 23 | 11.3 | 20 | 0 | 0 | 1.5 | 3 |
| Frazier (2005) ⁴³ | 32 | DSM-IV K-SADS-E | 21 | 11.2 | 15 | 0 | 0 | 1.5 | 3 |
| Kaur (2005) ⁵⁵ | 16 | DSM-IV/KSADS-PL | 8 | 15.5 | 21 | 0 | 0 | 1.5 | 1.5 |
| Haznedar (2005) ⁴⁸ | 40 | DSM-IV | NK | 42.2 | 36 | 0 | 0 | 1.5 | 1.2 |

continued

Table DS1 (continued)

| Study, first author (year) | n | Participants with bipolar disorder | | | Comparison group(s) | | | Methods | |
|---------------------------------|----|------------------------------------|----------|------------------|---------------------|---------------|--|----------|---------------------|
| | | Diagnostic system | Males, n | Age, years: mean | Healthy controls | Schizophrenia | Unipolar depression/schizoaffective disorder | Magnet T | Slice thickness, mm |
| McDonald (2006) ⁵⁸ | 38 | DSM-IV/DSM-III-R | 15 | 41 | 54 | 42 | 0 | 1.5 | 1.5 |
| Mills (2005) ⁶⁰ | 39 | DSM-IV | 19 | 23.6 | 32 | 0 | 0 | 1.5 | 1 |
| Pariante (2005) ⁶⁴ | 16 | ICD-10 | 7 | 28.2 | 78 | 0 | 0 | 1.5 | 1.5 |
| Sanches (2005) ⁶⁹ | 15 | DSM-IV K-SADS-PL | 8 | 15.5 | 21 | 0 | 0 | 1.5 | 1.5 |
| Sanches (2005) ⁷⁰ | 15 | DSM-IV K-SADS-PL | 7 | 15.9 | 21 | 0 | 0 | 1.5 | 1.5 |
| Strasser (2005) ⁸⁰ | 38 | DSM-III R/DSM-IV/RDC | 16 | 38.1 | 44 | 33 | 0 | 1.5 | 1.5 |
| El-Badri (2006) ⁴¹ | 50 | DSM-IV | 15 | 30.2 | 26 | 0 | 0 | 0.5 | NK |
| Hwang (2006) ⁵⁰ | 49 | DSM-IV | 19 | 32.4 | 37 | 0 | 0 | 1.5 | 1.5 |
| Monkul (2006) ⁶² | 16 | DSM-IV/K-SADS-PL | 8 | 15.5 | 21 | 0 | 0 | 1.5 | 1.5 |
| Velakoulis (2006) ⁸³ | 22 | DSM-IV/DSM-III-R | 11 | 21.7 | 87 | 120 | 19/17 | 1.5 | 1.5 |
| Atmaca (2007) ¹⁷ | 30 | DSM-IV | 13 | 24.7 | 10 | 0 | 0 | 1.5 | 2.4 |
| Ahn (2007) ¹⁴ | 46 | DSM-IV/K-SADS-E | 26 | 11.3 | 22 | 0 | 0 | 1.5 | 1.5 |
| Cousin (2007) ³⁵ | 49 | DSM-IV | 23 | 44.5 | 47 | 0 | 0 | 1.5 | 1.7 |
| Javadapour (2007) ⁵¹ | 24 | DSM-IV | 6 | 38.2 | 24 | 0 | 0 | 1.5 | 1.6 |
| Rosso (2007) ⁶⁷ | 20 | DSM-IV | 13 | 23 | 23 | 0 | 0 | 1.5 | NK |
| Chiu (2008) ³⁴ | 16 | K-SADS | 12 | 10.6 | 15 | 0 | 0 | 1.5 | 1.5 |
| Frazier (2008) ⁴⁴ | 54 | DSM-IV; KSADS-E | 29 | 10.8 | 0 | 20 | 0 | 1.5 | NK |
| MacMaster (2008) ⁶¹ | 10 | DSM-IV | 4 | 17.2 | 10 | 0 | 0 | 1.5 | 1.45 |
| Yucel (2008) ⁸⁴ | 28 | DSM-IV | 13 | 25.2 | 30 | 0 | 0 | 1.5 | 1.2 |

RDC, Research Diagnostic Criteria; OPCRIT, Operationalised Criteria Checklist; K-SADS, Schedule for Affective and Schizophrenic Disorders; K-SADS-PL, Schedule for Affective and Schizophrenic Disorders for School Age Children – present and life time version; K-SADS-E, Schedule for Affective and Schizophrenic Disorders – epidemiologic version; NK, not known.
a. Unipolar depression.
b. Schizoaffective disorder.

Table DS2 Comparison of regional brain volumes of participants with bipolar disorder v. healthy controls and bipolar disorder v. schizophrenia

| Brain region | Bipolar disorder v. healthy controls | | | | | | Bipolar disorder v. schizophrenia | | | | | | | | | | |
|----------------------------------|--------------------------------------|------------------|------------------|----------|----------------|----------------------------------|-----------------------------------|--------|----------------------------------|------------------|---------------|----------|--------|----------------------------------|------------------|-----------------------|-------|
| | Participants, <i>n</i> | | Effect size | | Heterogeneity | | Participants, <i>n</i> | | Effect size | | Heterogeneity | | | | | | |
| | Studies <i>n</i> | Bipolar disorder | Healthy controls | Estimate | 95% CI | <i>I</i> ² , <i>P</i> | Estimate | 95% CI | <i>I</i> ² , <i>P</i> | Bipolar disorder | Schizophrenia | Estimate | 95% CI | <i>I</i> ² , <i>P</i> | Publication bias | | |
| Intracranial volume | 14 | 301 | 403 | 0.02 | -0.15 to 0.18 | 0.07, <i>P</i> =0.37 | 0.9 | 0.9 | 0.9 | 0.9 | 84 | 61 | 84 | 0.49 | -0.39 to 1.36 | 0.81, <i>P</i> =0.005 | 0.051 |
| Whole brain | 25 | 661 | 723 | -0.15 | -0.27 to -0.02 | 0.23, <i>P</i> =0.15 | 0.9 | 0.9 | 0.9 | 0.9 | 212 | 249 | 212 | 0.01 | -0.20 to 0.21 | 0, <i>P</i> =0.73 | 0.15 |
| Whole brain (grey) | 10 | 195 | 228 | -0.19 | -0.51 to 0.13 | 0.57, <i>P</i> =0.012 | 0.6 | 0.6 | 0.6 | 0.6 | 78 | 50 | 78 | 0.41 | -0.15 to 0.96 | 0.5, <i>P</i> =0.14 | 0.24 |
| Whole brain (white) | 10 | 195 | 228 | -0.12 | -0.34 to 0.10 | 0.16, <i>P</i> =0.3 | 0.9 | 0.9 | 0.9 | 0.9 | 78 | 50 | 78 | 0.38 | -0.27 to 1.13 | 0.71, <i>P</i> =0.031 | 0.63 |
| Frontal cortex | 6 | 122 | 97 | -0.42 | -0.70 to -0.15 | 0, <i>P</i> =0.67 | 0.2 | 0.2 | 0.2 | 0.2 | NA | NA | NA | NA | NA | NA | NA |
| Left SGPF | 4 | 78 | 87 | -0.17 | -0.54 to 0.21 | 0.28, <i>P</i> =0.24 | 0.2 | 0.2 | 0.2 | 0.2 | NA | NA | NA | NA | NA | NA | NA |
| Right SGPF | 4 | 78 | 87 | -0.21 | -0.63 to 0.22 | 0.43, <i>P</i> =0.15 | 0.2 | 0.2 | 0.2 | 0.2 | NA | NA | NA | NA | NA | NA | NA |
| Temporal lobes | 4 | 90 | 68 | -0.29 | -0.85 to 0.27 | 0.66, <i>P</i> =0.03 | 0.92 | 0.92 | 0.92 | 0.92 | NA | NA | NA | NA | NA | NA | NA |
| Left temporal lobe | 9 | 264 | 290 | -0.04 | -0.31 to 0.23 | 0.56, <i>P</i> =0.02 | 0.48 | 0.48 | 0.48 | 0.48 | 187 | 143 | 187 | 0.18 | -0.05 to 0.40 | 0, <i>P</i> =0.5 | 0.48 |
| Right temporal lobe | 9 | 264 | 290 | -0.12 | -0.41 to 0.17 | 0.61, <i>P</i> =0.008 | 0.91 | 0.91 | 0.91 | 0.91 | 187 | 143 | 187 | 0.19 | -0.04 to 0.41 | 0, <i>P</i> =0.75 | 0.87 |
| Amygdalae | 7 | 182 | 168 | -0.42 | -1.04 to 0.20 | 0.86, <i>P</i> <0.001 | 0.63 | 0.63 | 0.63 | 0.63 | NA | NA | NA | NA | NA | NA | NA |
| Left amygdala | 11 | 290 | 383 | -0.03 | -0.40 to 0.34 | 0.80, <i>P</i> <0.001 | 0.92 | 0.92 | 0.92 | 0.92 | 200 | 115 | 200 | 0.22 | -0.38 to 0.82 | 0.79, <i>P</i> =0.002 | 0.3 |
| Right amygdala | 11 | 290 | 383 | -0.02 | -0.38 to 0.33 | 0.79, <i>P</i> <0.001 | 0.3 | 0.3 | 0.3 | 0.3 | 200 | 115 | 200 | 0.47 | 0.21 to 0.73 | 0, <i>P</i> =0.59 | 0.28 |
| Left AHC | 4 | 83 | 102 | -0.21 | -0.53 to 0.10 | 0.07, <i>P</i> =0.36 | 0.25 | 0.25 | 0.25 | 0.25 | NA | NA | NA | NA | NA | NA | NA |
| Right AHC | 4 | 83 | 102 | -0.19 | -0.50 to 0.13 | 0.06, <i>P</i> =0.36 | 0.06 | 0.06 | 0.06 | 0.06 | NA | NA | NA | NA | NA | NA | NA |
| Hippocampi | 9 | 247 | 221 | 0.13 | -0.48 to 0.22 | 0.7, <i>P</i> =0.001 | 0.86 | 0.86 | 0.86 | 0.86 | NA | NA | NA | NA | NA | NA | NA |
| Left hippocampus | 14 | 386 | 499 | 0.11 | -0.05 to 0.27 | 0.23, <i>P</i> =0.2 | 0.43 | 0.43 | 0.43 | 0.43 | 7 | 239 | 328 | 0.1 | -0.31 to 0.51 | 0.79, <i>P</i> <0.001 | 0.39 |
| Right hippocampus | 14 | 386 | 499 | 0.07 | -0.11 to 0.25 | 0.39, <i>P</i> =0.07 | 0.48 | 0.48 | 0.48 | 0.48 | 7 | 239 | 328 | 0.13 | -0.24 to 0.51 | 0.76, <i>P</i> <0.001 | 0.25 |
| Left superior temporal gyri | 3 | 55 | 71 | -0.06 | -0.48 to 0.36 | 0.27, <i>P</i> =0.25 | 0.72 | 0.72 | 0.72 | 0.72 | NA | NA | NA | NA | NA | NA | NA |
| Right superior temporal gyri | 3 | 55 | 71 | -0.20 | -0.56 to 0.15 | 0, <i>P</i> =0.76 | 0.23 | 0.23 | 0.23 | 0.23 | NA | NA | NA | NA | NA | NA | NA |
| Left anterior cingulate cortex | 5 | 113 | 109 | -1.19 | -2.44 to 0.07 | 0.94, <i>P</i> <0.001 | 0.02 | 0.02 | 0.02 | 0.02 | NA | NA | NA | NA | NA | NA | NA |
| Right anterior cingulate cortex | 5 | 113 | 109 | 0.12 | -0.30 to 0.54 | 0.56, <i>P</i> =0.06 | 0.36 | 0.36 | 0.36 | 0.36 | NA | NA | NA | NA | NA | NA | NA |
| Left posterior cingulate cortex | 3 | 73 | 70 | -0.06 | -0.50 to 0.38 | 0.36, <i>P</i> =0.21 | 0.34 | 0.34 | 0.34 | 0.34 | NA | NA | NA | NA | NA | NA | NA |
| Right posterior cingulate cortex | 3 | 73 | 70 | -0.21 | -0.83 to 0.40 | 0.66, <i>P</i> =0.054 | 0.6 | 0.6 | 0.6 | 0.6 | NA | NA | NA | NA | NA | NA | NA |
| Pituitary gland | 5 | 114 | 190 | 0.17 | -0.43 to 0.77 | 0.81, <i>P</i> <0.001 | 0.25 | 0.25 | 0.25 | 0.25 | NA | NA | NA | NA | NA | NA | NA |
| Caudate | 9 | 255 | 209 | 0.03 | -0.21 to 0.27 | 0.38, <i>P</i> =0.11 | 0.16 | 0.16 | 0.16 | 0.16 | NA | NA | NA | NA | NA | NA | NA |
| Left caudate | 10 | 273 | 279 | 0.01 | -0.16 to 0.18 | 0, <i>P</i> =0.5 | 0.06 | 0.06 | 0.06 | 0.06 | 3 | 116 | 89 | -0.25 | -0.56 to 0.06 | 0.11, <i>P</i> =0.33 | 0.28 |
| Right caudate | 10 | 273 | 279 | -0.03 | -0.20 to 0.14 | 0, <i>P</i> =0.46 | 0.09 | 0.09 | 0.09 | 0.09 | 3 | 116 | 89 | -0.18 | -0.53 to 0.16 | 0.26, <i>P</i> =0.26 | 0.41 |
| Putamen | 3 | 77 | 74 | 0.38 | -0.10 to 0.87 | 0.50, <i>P</i> =0.13 | 0.36 | 0.36 | 0.36 | 0.36 | NA | NA | NA | NA | NA | NA | NA |
| Left putamen | 6 | 197 | 183 | 0.04 | -0.17 to 0.24 | 0, <i>P</i> =0.7 | 0.58 | 0.58 | 0.58 | 0.58 | NA | NA | NA | NA | NA | NA | NA |
| Right putamen | 6 | 197 | 183 | 0.07 | -0.13 to 0.27 | 0, <i>P</i> =0.92 | 0.95 | 0.95 | 0.95 | 0.95 | NA | NA | NA | NA | NA | NA | NA |
| Globus pallidus | 5 | 135 | 106 | 0.57 | 0.03 to 1.11 | 0.74, <i>P</i> =0.004 | 0.02 | 0.02 | 0.02 | 0.02 | NA | NA | NA | NA | NA | NA | NA |
| Left globus pallidus | 3 | 69 | 64 | 0.43 | -0.03 to 0.88 | 0.42, <i>P</i> =0.18 | 0.49 | 0.49 | 0.49 | 0.49 | NA | NA | NA | NA | NA | NA | NA |
| Right globus pallidus | 3 | 69 | 64 | 0.24 | -0.45 to 0.92 | 0.74, <i>P</i> =0.02 | 0.93 | 0.93 | 0.93 | 0.93 | NA | NA | NA | NA | NA | NA | NA |
| Thalamus | 8 | 199 | 177 | -0.12 | -0.44 to 0.20 | 0.55, <i>P</i> =0.03 | 0.89 | 0.89 | 0.89 | 0.89 | NA | NA | NA | NA | NA | NA | NA |
| Left thalamus | 7 | 162 | 187 | 0.18 | -0.05 to 0.42 | 0.16, <i>P</i> =0.31 | 0.42 | 0.42 | 0.42 | 0.42 | NA | NA | NA | NA | NA | NA | NA |
| Right thalamus | 7 | 162 | 187 | 0.17 | -0.11 to 0.46 | 0.42, <i>P</i> =0.11 | 0.43 | 0.43 | 0.43 | 0.43 | NA | NA | NA | NA | NA | NA | NA |
| Left and right lateral ventricle | 6 | 157 | 179 | 0.27 | 0.05 to 0.49 | 0, <i>P</i> =0.7 | 0.07 | 0.07 | 0.07 | 0.07 | 3 | 61 | 73 | -0.23 | -0.70 to 0.23 | 0.36, <i>P</i> =0.21 | 0.48 |
| Left lateral ventricle | 11 | 348 | 325 | 0.18 | 0.02 to 0.33 | 0, <i>P</i> =0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 4 | 126 | 158 | -0.35 | -0.59 to -0.11 | 0.007, <i>P</i> =0.4 | 0.11 |
| Right lateral ventricle | 11 | 348 | 325 | 0.13 | -0.02 to 0.29 | 0, <i>P</i> =0.89 | 0.39 | 0.39 | 0.39 | 0.39 | 4 | 126 | 158 | -0.26 | -0.49 to -0.02 | 0, <i>P</i> =0.55 | 0.06 |
| Third ventricle | 8 | 167 | 233 | 0.15 | -0.13 to 0.43 | 0.42, <i>P</i> =0.1 | 0.8 | 0.8 | 0.8 | 0.8 | 4 | 64 | 93 | -0.05 | -0.52 to 0.43 | 0.49, <i>P</i> =0.12 | 0.14 |

SGPF, subgenual prefrontal cortex; AHC, amygdala-hippocampus complex; NA, not available.