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Main Figures: 7

Supplementary Figures: 7

Supplementary Tables: 0

Supplementary Videos: 7

Reporting Checklist for Nature Neuroscience

This checklist is used to ensure good reporting standards and to improve the reproducibility of published results. For more information, please read Reporting Life Sciences Research.

Please note that in the event of publication, it is mandatory that authors include all relevant methodological and statistical information in the manuscript.

Statistics reporting, by figure

- Please specify the following information for each panel reporting quantitative data, and where each item is reported (section, e.g. Results, & paragraph number).
- Each figure legend should ideally contain an exact sample size (n) for each experimental group/condition, where n is an exact number and not a range, a clear definition of how n is defined (for example x cells from x slices from x animals from x litters, collected over x days), a description of the statistical test used, the results of the tests, any descriptive statistics and clearly defined error bars if applicable.
- For any experiments using custom statistics, please indicate the test used and stats obtained for each experiment.
- Each figure legend should include a statement of how many times the experiment shown was replicated in the lab; the details of sample collection should be sufficiently clear so that the replicability of the experiment is obvious to the reader.
- For experiments reported in the text but not in the figures, please use the paragraph number instead of the figure number.

Note: Mean and standard deviation are not appropriate on small samples, and plotting independent data points is usually more informative. When technical replicates are reported, error and significance measures reflect the experimental variability and not the variability of the biological process; it is misleading not to state this clearly.

		TEST USED		n			DESCRIPTIVE STATS (AVERAGE, VARIANCE)		P VALUE		DEGREES OF FREEDOM & F/t/z/R/ETC VALUE	
	FIGURE NUMBER	WHICH TEST?	SECTION & PARAGRAPH #	EXACT VALUE	DEFINED?	SECTION & PARAGRAPH #	REPORTED?	SECTION & PARAGRAPH #	EXACT VALUE	SECTION & PARAGRAPH #	VALUE	SECTION & PARAGRAPH #
example	1a	one-way ANOVA	Fig. legend	9, 9, 10, 15	mice from at least 3 litters/group	Methods para 8	error bars are mean +/- SEM	Fig. legend	p = 0.044	Fig. legend	F(3, 36) = 2.97	Fig. legend
example	results, para 6	unpaired t-test	Results para 6	15	slices from 10 mice	Results para 6	error bars are mean +/- SEM	Results para 6	p = 0.0006	Results para 6	t(28) = 2.808	Results para 6

		TEST USED		n			DESCRIPTIVE STATS (AVERAGE, VARIANCE)		P VALUE		DEGREES OF FREEDOM & F/t/z/R/ETC VALUE	
	FIGURE NUMBER	WHICH TEST?	SECTION & PARAGRAPH #	EXACT VALUE	DEFINED?	SECTION & PARAGRAPH #	REPORTED?	SECTION & PARAGRAPH #	EXACT VALUE	SECTION & PARAGRAPH #	VALUE	SECTION & PARAGRAPH #
+ -	1e	two way ANOVA	Fig. legend	P8+0 Cortex 1.85 2.50 4.35 Corpus Callosum 2.04 5.26 2.22 P8+1 Cortex 3.19 4.60 6.78 Corpus Callosum 1.14 6.82 0.00 P8+2 Cortex 16.81 26.47 19.05 Corpus Callosum 28.85 35.71 38.03 P8+3 Cortex 50.00 47.13 36.36 Corpus Callosum 60.00 61.25 55.70 P8+4 Cortex 50.00 43.04 41.54 Corpus Callosum 62.67 59.74 58.33	3 mice per age group, 3 sections per mouse, 4 fields of view per brain region	Methods Paragraph #7	error bars are mean +SD	Fig. legend	By Region p > 0.9999 p > 0.9999 p = 0.0024 p = 0.0011 p = 0.0006 By Age Cortex > 0.9999 0.0002 < 0.0001 < 0.0001 0.0008 < 0.0001 < 0.0001 < 0.0001 < 0.0001 > 0.9999 By Age CC > 0.9999 < 0.0001 < 0.0001 < 0.0001 < 0.0001 < 0.0001 < 0.0001 < 0.0001 < 0.0001 > 0.9999	text and Fig. legend	By Region t = 0.0849 t = 0.6846 t = 4.170 t = 4.501 t = 4.781 df = 20 By Age Cortex 0.6079 5.554 12.92 13.04 4.946 12.32 12.43 7.370 7.483 0.1129 df = 20 By Age CC > 0.9999 < 0.0001 < 0.0001 < 0.0001 < 0.0001 < 0.0001 < 0.0001 < 0.0001 < 0.0001 > 0.9999 df = 20	Fig. legend

+ -	1f	two way ANOVA	Fig. legend	P21+1 Cortex 7.81 11.54 10.87 Corpus Callosum 8.00 12.24 13.21 P21+2 Cortex 7.69 11.43 11.36 Corpus Callosum 13.16 16.22 23.81 P21+4 Cortex 27.27 30.56 26.53 Corpus Callosum 50.00 47.22 44.74 P21+6 Cortex 36.73 34.29 32.50 46.15 51.28 40.54 Corpus Callosum 59.52 54.00 62.50 79.37 65.12 68.57 P21+8 Cortex 53.85 45.31 46.03 Corpus Callosum 81.18 67.33 70.27 P21+10 Cortex 34.33 57.58 51.43 Corpus Callosum 78.49 85.71 76.12	3 mice per age group, 3 sections per mouse, 4 fields of view per brain region	Methods Paragraph #7	error bars are mean +SD	Fig. legend	By Region > 0.9999 0.9657 0.0060 < 0.0001 0.0004 < 0.0001 By Age Cortex > 0.9999 0.0269 < 0.0001 < 0.0001 < 0.0001 0.0281 < 0.0001 < 0.0001 < 0.0001 0.1867 0.0086 0.0119 > 0.9999 > 0.9999 > 0.9999 By Age CC > 0.9999 < 0.0001 < 0.0001 < 0.0001 < 0.0001 < 0.0001 < 0.0001 < 0.0001 < 0.0001 0.0088 0.0005 < 0.0001 > 0.9999 0.0333 > 0.9999	text and Fig. legend	By Region 0.2044 1.437 3.646 6.606 4.658 6.138 df = 30 By Age Cortex 0.01646 3.427 6.616 7.277 7.160 3.410 6.597 7.261 7.143 2.659 3.850 3.733 1.787 1.651 0.1171 df = 30 By Age CC 1.249 6.868 11.77 11.73 13.09 5.619 10.33 10.48 11.84 3.843 4.862 6.226 1.772 3.346 1.363 df = 30	Fig. legend

+ -	5e	unpaired t-test	Fig. legend	Symmetric CC1- Control 4,5,3,1,2 LPC 2,1,2,2,4, 4,1,3 Asymmetric Control 0,0,0,1,0 LPC 2,2,3,3,1, 1,1,0 Symmetric CC1+ Control 0,0,0,0,0, 0 LPC 0,0,0,0,0, 1,0,0	5 slices control 8 slices LPC Slices obtained from 3 mice	Methods Paragraph #7	bars indicate total number of division events	Fig. legend	p = 0.4320 p = 0.0168 p = 0.4533	Fig. legend	t = 0.8156 t = 2.815 t = 0.7774 df = 11 df = 11 df = 11	Fig. legend
+ -	6d	paired t-test	Fig. legend	P6+4 spared 6480 6853 5724 P6+4 deprived 4453 4800 4186 P6+6 spared 8133 7706 7253 P6+6 deprived 6693 5626 5493	3 mice per age group, 3 sections per mouse, 4 fields of view per side	Methods Paragraph #7	error bars are mean +SD	Fig. legend	P6+4 = 0.0079 P6+6 = 0.0108	Fig. legend	t = 11.18 t = 9.526 df = 2 df = 2	Fig. legend
+ -	6e	paired t-test	Fig. legend	P6+4 spared 426 453 284 P6+4 deprived 133 106 80 P6+6 spared 773 826 826 P6+6 deprived 453 533 346	3 mice per age group, 3 sections per mouse, 4 fields of view per side	Methods Paragraph #7	error bars are mean +SD	Fig. legend	P6+4 = 0.0213 P6+6 = 0.0247	Fig. legend	t = 6.748 t = 6.243 df = 2 df = 2	Fig. legend

+ -	6f	paired t-test	Fig. legend	P6+4 spared 18.60 23.29 16.33 P6+4 deprived 7.69 5.63 4.23 P6+6 spared 28.16 37.80 32.29 P6+6 deprived 15.60 23.26 13.68	3 mice per age group, 3 sections per mouse, 4 fields of view per side	Methods Paragraph #7	error bars are mean +SD	Fig. legend	P6+4 = 0.0227 P6+6 = 0.0132	Fig. legend	t = 6.474 t = 8.604 df = 2 df = 2	Fig. legend
+ -	6h	paired t-test	Fig. legend	P8+2 spared 25.00 26.67 25.00 P8+2 deprived 0.00 12.50 0.00 P8+4 spared 33.33 46.15 40.00 P8+4 deprived 0.00 14.29 10.00	3 mice per age group, 3 sections per mouse, 4 fields of view per side	Methods Paragraph #7	error bars are mean +SD	Fig. legend	P8+2 = 0.0272 P8+4 = 0.0009	Fig. legend	t = 5.944 t = 33.18 df = 2 df = 2	Fig. legend

+ -	6j	paired t-test	Fig. legend	P6+8 Spared 693 720 1413 960 P6+8 Deprived 373 373 800 506 P6+15 Spared 3120 2480 5546 1893 P6+15 Deprived 2000 2053 4560 1120	4 mice per age group, 3 sections per mouse, 4 fields of view per side	Methods Paragraph #7	error bars are mean +SD	Fig. legend	P6+8 = 0.0073 P6+15=0.0120	Fig. legend	t = 6.523 t = 5.469 df = 3 df = 3	Fig. legend
+ -	6k	paired t-test	Fig. legend	P8+6 Spared 53 53 16 80 P8+6 Deprived 0 0 26 0 P8+13 Spared 373 186 426 133 P8+13 Deprived 186 160 240 53	4 mice per age group, 3 sections per mouse, 4 fields of view per side	Methods Paragraph #7	error bars are mean +SD	Fig. legend	P8+6 = 0.0248 P8+13=0.0582	Fig. legend	t = 4.324 t= 2.987 df = 3 df = 3	Fig. legend

+ -	7a	paired t-test	Fig. legend	P10+2hr spared 9.0 7.7 8.1 P10+2hr deprived 10.8 9.6 9.0 P12+2hr spared 7.6 6.0 7.7 P12+2hr deprived 9.1 9.4 10.7	3 mice per age group, 3 sections per mouse, 4 fields of view per side	Methods Paragraph #7	error bars are mean +SD	Fig. legend	P10+2hr = 0.0379 P12+2hr = 0.0451	Fig. legend	t = 4.986 t = 4.548 df = 2 df = 2	Fig. legend
+ -	7b	paired t-test	Fig. legend	Caspase3 Spared 107 80 106 Caspase3 Deprived 293 187 240 Caspase3 YFP Spared 27 27 0 Caspase3 YFP Deprived 106 80 53 Caspase3 EDU Spared 0 0 0 Caspase3 EDU Deprived 53 53 53 Capase3 CC1 Spared 27 27 53 Caspase3 CC1 Deprived 27 53 0	3 mice per age group, 3 sections per mouse, 4 fields of view per side	Methods Paragraph #7	error bars are mean +SD	Fig. legend	Caspase3 = 0.0255 Caspase3YFP = 0.0192 Caspase3EDU =0.0000 Capase3CC1 =0.7359	Fig. legend	t = 6.140 t = 7.115 t = 0.3872 df = 2 df = 2 df = 2	Fig. legend

+ -	Sup Fig. 2c	two way ANOVA	Fig. legend	P8+3 Cortex 0 0 0 Corpus Callosum 0 0 0 P8+4 Cortex 0 0 0 0.64 Corpus Callosum 0 3.31 1.38 1.84 P8+5 Cortex 0.662 0.00 0.775 Corpus Callosum 2.013 1.351 0.813 1.418 P8+6 Cortex 0.483 0.442 0.645 Corpus Callosum 2.841 6.306 3.196 P8+8 Cortex 1.197 1.503 1.471 Corpus Callosum 12.097 15.873 16.491 P8+10 Cortex 1.274 1.345 1.29 Corpus Callosum 10.303 10.00 10.811	3 mice per age group, 3 sections per mouse, 4 fields of view per brain region	Methods Paragraph #7	error bars are mean +SD	Fig. legend	p > 0.9999 p = 0.2531 p > 0.9999 p = 0.0005 p < 0.0001 p < 0.0001	Fig. legend	t = 0.0 t = 2.197 t = 1.272 t = 4.646 t = 17.38 t = 11.73	Fig. legend

+ -	Sup Fig. 2f	two way ANOVA	Fig. legend	P21+3 Cortex 0 0 0 Corpus Callosum 0 0 0 P21+4 Cortex 0 0 0 Corpus Callosum 0 0 0 P21+5 Cortex 0 0 0 Corpus Callosum 0 0 0 P21+6 Cortex 0 0 0 Corpus Callosum 2.083 2.752 2.127 P21+8 Cortex 0.735 1.361 0.00 Corpus Callosum 4.255 4.969 5.340 P21+10 Cortex 3.252 3.030 2.655 Corpus Callosum 10.00 9.091 11.69	3 mice per age group, 3 sections per mouse, 4 fields of view per brain region	Methods Paragraph #7	error bars are mean +SD	Fig. legend	p > 0.9999 p > 0.9999 p > 0.9999 p < 0.0001 p < 0.0001 p < 0.0001	Fig. legend	t = 0.0 t = 0.0 t = 0.0 t = 5.943 t = 10.64 t = 18.65	Fig. legend
+ -	6g	paired t-test	Fig. legend	P8+2 spared 213 213 142 P8+2 deprived 0 53 53 P8+4 spared 293 346 266 P8+4 deprived 160 80 107	3 mice per age group, 3 sections per mouse, 4 fields of view per brain region	Methods Paragraph #7	error bars are mean +SD	Fig. legend	P8+2 = 0.0505 P8+4 = 0.0447	Fig. legend	t = 4.281 t = 4.571 df = 2 df = 2	Fig. legend

+ -	6l	paired t-test	Fig. legend	P8+6 Spared 0.63 0.72 2.14 1.17 P8+6 Deprived 0 0 0.44 0 P8+13 Spared 7.95 4.34 6.78 2.45 P8+13 Deprived 4.82 4.13 5.02 1.49	4 mice per age group, 3 sections per mouse, 4 fields of view per side	Methods Paragraph #7	error bars are mean +SD	Fig. legend	P8+6 = 0.0231 P8+13=0.0937	Fig. legend	t = 4.301 t = 2.426 df = 3 df = 3	Fig. legend
+ -	Sup Fig 7b	paired t-test	Fig. legend	P6+4 spared 5760 4800 4728 P6+4 deprived 6533 5173 4124 P6+6 spared 6906 5253 6933 P6+6 deprived 6586 5800 6666	3 mice per age group, 3 sections per mouse, 4 fields of view per brain region	Methods Paragraph #7	error bars are mean +SD	Fig. legend	p=0.702 p=0.745	Figure	t=0.442 t=0.374 df=2 df=2	Fig. legend
+ -	Sup Fig 7c	paired t-test	Fig. legend	P6+4 spared 453 480 355 P6+4 deprived 480 480 355 P6+6 spared 960 533 346 P6+6 deprived 1093 533 666	3 mice per age group, 3 sections per mouse, 4 fields of view per brain region	Methods Paragraph #7	error bars are mean +SD	Fig. legend	p=0.423 p=0.245	Figure	t=1.00 t=1.63 df=2 df=2	Fig. legend

+ -	Sup Fig 7d	paired t-test	Fig. legend	P6+4 spared 19.5 25.7 25 P6+4 deprived 21.4 23.4 23.8 P6+6 spared 41.8 27 20 P6+6 deprived 45.1 29.8 39.7	3 mice per age group, 3 sections per mouse, 4 fields of view per brain region	Methods Paragraph #7	error bars are mean +SD	Fig. legend	p=0.713 p=0.262	Figure	t=0.424 t=1.549 df=2 df=2	Fig. legend
+ -	Sup Fig 7e	paired t-test	Fig. legend	P8+2 spared 213 240 391 P8+2 deprived 293 160 462 P8+4 spared 293 480 426 P8+4 deprived 346 320 506	3 mice per age group, 3 sections per mouse, 4 fields of view per brain region	Methods Paragraph #7	error bars are mean +SD	Fig. legend	p=0.693 p=0.916	Figure	t=0.456 t=0.119 df=2 df=2	Fig. legend
+ -	Sup Fig 7f	paired t-test	Fig. legend	P8+2 spared 28.6 20 25 P8+2 deprived 20 25 50 P8+4 spared 50 50 14.29 P8+4 deprived 45 30 40	3 mice per age group, 3 sections per mouse, 4 fields of view per brain region	Methods Paragraph #7	error bars are mean +SD	Fig. legend	p=0.541 p=0.988	Figure	t=0.731 t=0.018 df=2 df=2	Fig. legend

+ -	Sup Fig 5b	unpaired t-test	Fig. legend	Control Vertical 0.5,0.2,0.33,1,0.667,0.5 LPC Vertical 0.8,0.33,0.2,0.4,0,0.5,0,0,0.8 Control Horizontal 0.5,0.8,0.667,0,0.33,0.5 LPC Horizontal 0.2,0.667,0.8,0.6,1,0.5,1,1,0.2	56 cell pairs, 7 control slices and 9 LPC slices from 3 mice	Fig. legend Methods Paragraph #7	Bars are mean percentage of total	Figure	p=0.244 p=0.243	Fig. legend	t=1.222 t=1.222 df=13 df=13	

Representative figures

1. Are any representative images shown (including Western blots and immunohistochemistry/staining) in the paper?

   If so, what figure(s)?

   yes
   Main Figures 1-7
   Supplementary Figures 2 and 4

2. For each representative image, is there a clear statement of how many times this experiment was successfully repeated and a discussion of any limitations in repeatability?

   If so, where is this reported (section, paragraph #)?

   Representative images are examples of images used for quantification thus the values reported for quantification and statistics between groups indicate how many times the experiment was successfully repeated

   Methods, paragraph 7

Statistics and general methods

1. Is there a justification of the sample size?

   If so, how was it justified?

   Where (section, paragraph #)?

   Even if no sample size calculation was performed, authors should report why the sample size is adequate to measure their effect size.

   Using Minitab, the sample sizes used in the experiments were calculated to give a power of analysis of 80% or greater based on the differences and standard deviations, assuming an alpha = 0.05.

   Methods, paragraph 7

2. Are statistical tests justified as appropriate for every figure?

   Where (section, paragraph #)?

   Yes,
   Methods, paragraph 7

   a. If there is a section summarizing the statistical methods in the methods, is the statistical test for each experiment clearly defined?

   Yes,
   Methods, paragraph 7

b. Do the data meet the assumptions of the specific statistical test you chose (e.g. normality for a parametric test)? Where is this described (section, paragraph #)?	Yes Methods, paragraph 7
c. Is there any estimate of variance within each group of data? Is the variance similar between groups that are being statistically compared? Where is this described (section, paragraph #)?	Yes Methods, paragraph 7
d. Are tests specified as one- or two-sided?	yes
e. Are there adjustments for multiple comparisons?	no
3. Are criteria for excluding data points reported? Was this criterion established prior to data collection? Where is this described (section, paragraph #)?	no data points were excluded
4. Define the method of randomization used to assign subjects (or samples) to the experimental groups and to collect and process data. If no randomization was used, state so. Where does this appear (section, paragraph #)?	Subjects were assigned randomly to each age and experimental group. For each brain area to be quantified, unbiased quantification was performed by randomly sampling 4 fields of view based on DAPI staining and then the other florescence channels for quantification. Methods, paragraph 7
5. Is a statement of the extent to which investigator knew the group allocation during the experiment and in assessing outcome included? If no blinding was done, state so. Where (section, paragraph #)?	Blinding was carried out for whisker sensory deprivation experiments Methods, paragraph 7
6. For experiments in live vertebrates, is a statement of compliance with ethical guidelines/regulations included? Where (section, paragraph #)?	Yes Methods, paragraph #1
7. Is the species of the animals used reported? Where (section, paragraph #)?	Yes Methods, paragraph #1
8. Is the strain of the animals (including background strains of KO/ transgenic animals used) reported? Where (section, paragraph #)?	Yes Methods, paragraph #1
9. Is the sex of the animals/subjects used reported? Where (section, paragraph #)?	yes Methods, paragraph #1
10. Is the age of the animals/subjects reported? Where (section, paragraph #)?	Yes specified for every experiment in both results sections and figures as postnatal day x

11. For animals housed in a vivarium, is the light/dark cycle reported?

    Where (section, paragraph #)?

Yes
Methods, paragraph #1

12. For animals housed in a vivarium, is the housing group (i.e. number of animals per cage) reported?

    Where (section, paragraph #)?

Yes
Methods, paragraph #1

13. For behavioral experiments, is the time of day reported (e.g. light or dark cycle)?

    Where (section, paragraph #)?

n/a

14. Is the previous history of the animals/subjects (e.g. prior drug administration, surgery, behavioral testing) reported?

    Where (section, paragraph #)?

n/a

    a. If multiple behavioral tests were conducted in the same group of animals, is this reported?

       Where (section, paragraph #)?

n/a

15. If any animals/subjects were excluded from analysis, is this reported?

    Where (section, paragraph #)?

none excluded

    a. How were the criteria for exclusion defined?

       Where is this described (section, paragraph #)?

n/a

    b. Specify reasons for any discrepancy between the number of animals at the beginning and end of the study.

       Where is this described (section, paragraph #)?

n/a

Reagents

1. Have antibodies been validated for use in the system under study (assay and species)?

All antibodies used have been previously validated for use in mouse tissue sections

    a. Is antibody catalog number given?

       Where does this appear (section, paragraph #)?

Yes
Methods, paragraph #5

    b. Where were the validation data reported (citation, supplementary information, Antibodypedia)?

       Where does this appear (section, paragraph #)?

n/a

2. If cell lines were used to reflect the properties of a particular tissue or disease state, is their source identified?

   Where (section, paragraph #)?

   n/a

   a. Were they recently authenticated?

      Where is this information reported (section, paragraph #)?

      n/a

Data deposition

Data deposition in a public repository is mandatory for:

a. Protein, DNA and RNA sequences
b. Macromolecular structures
c. Crystallographic data for small molecules
d. Microarray data

Deposition is strongly recommended for many other datasets for which structured public repositories exist; more details on our data policy are available here. We encourage the provision of other source data in supplementary information or in unstructured repositories such as Figshare and Dryad.

1. Are accession codes for deposit dates provided?

   Where (section, paragraph #)?

   n/a

Computer code/software

Any custom algorithm/software that is central to the methods must be supplied by the authors in a usable and readable form for readers at the time of publication. However, referees may ask for this information at any time during the review process.

1. Identify all custom software or scripts that were required to conduct the study and where in the procedures each was used.

   n/a

2. Is computer source code/software provided with the paper or deposited in a public repository? Indicate in what form this is provided or how it can be obtained.

   n/a

Human subjects

1. Which IRB approved the protocol?

   Where is this stated (section, paragraph #)?

   n/a

2. Is demographic information on all subjects provided?

   Where (section, paragraph #)?

   n/a

3. Is the number of human subjects, their age and sex clearly defined?

   Where (section, paragraph #)?

   n/a

4. Are the inclusion and exclusion criteria (if any) clearly specified?

   Where (section, paragraph #)?

   n/a

5. How well were the groups matched?

   Where is this information described (section, paragraph #)?

   n/a

6. Is a statement included confirming that informed consent was obtained from all subjects?

   Where (section, paragraph #)?

   n/a

7. For publication of patient photos, is a statement included confirming that consent to publish was obtained?

   Where (section, paragraph #)?

   n/a

fMRI studies

For papers reporting functional imaging (fMRI) results please ensure that these minimal reporting guidelines are met and that all this information is clearly provided in the methods:

1. Were any subjects scanned but then rejected for the analysis after the data was collected?

   n/a

   a. If yes, is the number rejected and reasons for rejection described?

      Where (section, paragraph #)?

      n/a

2. Is the number of blocks, trials or experimental units per session and/or subjects specified?

   Where (section, paragraph #)?

   n/a

3. Is the length of each trial and interval between trials specified?

   n/a

4. Is a blocked, event-related, or mixed design being used? If applicable, please specify the block length or how the event-related or mixed design was optimized.

   n/a

5. Is the task design clearly described?

   Where (section, paragraph #)?

   n/a

6. How was behavioral performance measured?

   n/a

7. Is an ANOVA or factorial design being used?

   n/a

8. For data acquisition, is a whole brain scan used?

   If not, state area of acquisition.

   n/a

a. How was this region determined?	n/a
9. Is the field strength (in Tesla) of the MRI system stated?	n/a
a. Is the pulse sequence type (gradient/spin echo, EPI/spiral) stated?	n/a
b. Are the field-of-view, matrix size, slice thickness, and TE/TR/ flip angle clearly stated?	n/a
10. Are the software and specific parameters (model/functions, smoothing kernel size if applicable, etc.) used for data processing and pre-processing clearly stated?	n/a
11. Is the coordinate space for the anatomical/functional imaging data clearly defined as subject/native space or standardized stereotaxic space, e.g., original Talairach, MNI305, ICBM152, etc? Where (section, paragraph #)?	n/a
12. If there was data normalization/standardization to a specific space template, are the type of transformation (linear vs. nonlinear) used and image types being transformed clearly described? Where (section, paragraph #)?	n/a
13. How were anatomical locations determined, e.g., via an automated labeling algorithm (AAL), standardized coordinate database (Talairach daemon), probabilistic atlases, etc.?	n/a
14. Were any additional regressors (behavioral covariates, motion etc) used?	n/a
15. Is the contrast construction clearly defined?	n/a
16. Is a mixed/random effects or fixed inference used?	n/a
a. If fixed effects inference used, is this justified?	n/a
17. Were repeated measures used (multiple measurements per subject)?	n/a
a. If so, are the method to account for within subject correlation and the assumptions made about variance clearly stated?	n/a
18. If the threshold used for inference and visualization in figures varies, is this clearly stated?	n/a
19. Are statistical inferences corrected for multiple comparisons?	n/a
a. If not, is this labeled as uncorrected?	n/a

20. Are the results based on an ROI (region of interest) analysis?	n/a
a. If so, is the rationale clearly described?	n/a
b. How were the ROI's defined (functional vs anatomical localization)?	n/a
21. Is there correction for multiple comparisons within each voxel?	n/a
22. For cluster-wise significance, is the cluster-defining threshold and the corrected significance level defined?	n/a

Additional comments

Additional Comments	