

Sophia Rabe-Hesketh

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134
papers

14,043
citations

55
h-index

118
g-index

144
ext. papers

15,594
ext. citations

4.4
avg. IF

6.19
L-index

#	Paper	IF	Citations
134	Meta-analysis of regional brain volumes in schizophrenia. <i>American Journal of Psychiatry</i> , 2000 , 157, 16-25	11.9	1323
133	Generalized Latent Variable Modeling		1052
132	Global, voxel, and cluster tests, by theory and permutation, for a difference between two groups of structural MR images of the brain. <i>IEEE Transactions on Medical Imaging</i> , 1999 , 18, 32-42	11.7	839
131	Statistical methods of estimation and inference for functional MR image analysis. <i>Magnetic Resonance in Medicine</i> , 1996 , 35, 261-77	4.4	570
130	Generalized multilevel structural equation modeling. <i>Psychometrika</i> , 2004 , 69, 167-190	2.2	516
129	Head injury as a risk factor for Alzheimer's disease: the evidence 10 years on; a partial replication. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2003 , 74, 857-62	5.5	457
128	Maximum likelihood estimation of limited and discrete dependent variable models with nested random effects. <i>Journal of Econometrics</i> , 2005 , 128, 301-323	2.6	451
127	Meta-analysis of the P300 and P50 waveforms in schizophrenia. <i>Schizophrenia Research</i> , 2004 , 70, 315-29	3.6	448
126	Generic brain activation mapping in functional magnetic resonance imaging: a nonparametric approach. <i>Magnetic Resonance Imaging</i> , 1997 , 15, 763-70	3.3	411
125	Reliable Estimation of Generalized Linear Mixed Models using Adaptive Quadrature. <i>The Stata Journal</i> , 2002 , 2, 1-21	3.5	398
124	Systematic review and meta-analysis of randomised controlled trials of psychological interventions to improve glycaemic control in patients with type 2 diabetes. <i>Lancet, The</i> , 2004 , 363, 1589-97	4.0	385
123	Methods for diagnosis and treatment of stimulus-correlated motion in generic brain activation studies using fMRI. <i>Human Brain Mapping</i> , 1999 , 7, 38-48	5.9	335
122	Multilevel modelling of complex survey data. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2006 , 169, 805-827	2.1	322
121	Recognizing one's own face. <i>Cognition</i> , 2001 , 78, B1-B15	3.5	292
120	Childhood obsessive-compulsive personality traits in adult women with eating disorders: defining a broader eating disorder phenotype. <i>American Journal of Psychiatry</i> , 2003 , 160, 242-7	11.9	277
119	Common and distinct neural substrates for pragmatic, semantic, and syntactic processing of spoken sentences: an fMRI study. <i>Journal of Cognitive Neuroscience</i> , 2000 , 12, 321-41	3.1	274
118	Meta-analysis of magnetic resonance imaging brain morphometry studies in bipolar disorder. <i>Biological Psychiatry</i> , 2004 , 56, 411-7	7.9	243

117	A nondegenerate penalized likelihood estimator for variance parameters in multilevel models. <i>Psychometrika</i> , 2013 , 78, 685-709	2.2	197
116	How many functional somatic syndromes?. <i>Journal of Psychosomatic Research</i> , 2001 , 51, 549-57	4.1	197
115	School performance in Finnish children and later development of schizophrenia: a population-based longitudinal study. <i>Archives of General Psychiatry</i> , 1999 , 56, 457-63		193
114	War Exposure and Maternal Reactions in the Psychological Adjustment of Children from Bosnia-Herzegovina. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2001 , 42, 395-404	7.9	175
113	Cognitive flexibility in anorexia nervosa and bulimia nervosa. <i>Journal of the International Neuropsychological Society</i> , 2004 , 10, 513-20	3.1	172
112	Efficacy and cost-effectiveness of drug and psychological treatments for common mental disorders in general health care in Goa, India: a randomised, controlled trial. <i>Lancet, The</i> , 2003 , 361, 33-9	4.0	164
111	A randomized, controlled trial with 6-month follow-up of repetitive transcranial magnetic stimulation and electroconvulsive therapy for severe depression. <i>American Journal of Psychiatry</i> , 2007 , 164, 73-81	11.9	136
110	Treating insomnia improves mood state, sleep, and functioning in bipolar disorder: a pilot randomized controlled trial. <i>Journal of Consulting and Clinical Psychology</i> , 2015 , 83, 564-77	6.5	135
109	Maximum Likelihood Estimation of Endogenous Switching and Sample Selection Models for Binary, Ordinal, and Count Variables. <i>The Stata Journal</i> , 2006 , 6, 285-308	3.5	131
108	Functional magnetic resonance image analysis of a large-scale neurocognitive network. <i>NeuroImage</i> , 1996 , 4, 16-33	7.9	127
107	Prediction in multilevel generalized linear models. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2009 , 172, 659-687	2.1	124
106	Multilevel logistic regression for polytomous data and rankings. <i>Psychometrika</i> , 2003 , 68, 267-287	2.2	119
105	How far are associations between child, family and community factors and child psychopathology informant-specific and informant-general?. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2009 , 50, 571-80	7.9	105
104	The health and cognitive growth of Latino toddlers: at risk or immigrant paradox?. <i>Maternal and Child Health Journal</i> , 2009 , 13, 755-68	2.4	101
103	Classical latent variable models for medical research. <i>Statistical Methods in Medical Research</i> , 2008 , 17, 5-32	2.3	98
102	Predictors of outcome and pathological considerations in the surgical treatment of intractable epilepsy associated with temporal lobe lesions. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2001 , 70, 450-8	5.5	98
101	Individual-specific risk factors for anorexia nervosa: a pilot study using a discordant sister-pair design. <i>Psychological Medicine</i> , 2001 , 31, 317-29	6.9	97
100	Lifetime course of eating disorders: design and validity testing of a new strategy to define the eating disorders phenotype. <i>Psychological Medicine</i> , 2009 , 39, 105-14	6.9	93

99	Episodic memory in schizophrenic patients and their relatives. <i>Schizophrenia Research</i> , 2003 , 63, 261-71	3.6	91
98	Does dysplasia cause anatomical dysconnectivity in schizophrenia?. <i>Schizophrenia Research</i> , 1998 , 30, 127-35	3.6	90
97	Repetitive and stereotyped behaviours in pervasive developmental disorders. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2006 , 47, 573-81	7.9	89
96	Smooth pursuit and antisaccade eye movements in siblings discordant for schizophrenia. <i>Journal of Psychiatric Research</i> , 2004 , 38, 177-84	5.2	88
95	Biometrical modeling of twin and family data using standard mixed model software. <i>Biometrics</i> , 2008 , 64, 280-8	1.8	86
94	Avoiding biased versions of Wooldridge's simple solution to the initial conditions problem. <i>Economics Letters</i> , 2013 , 120, 346-349	1.3	79
93	An RCT of early intervention in psychosis: Croydon Outreach and Assertive Support Team (COAST). <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2004 , 39, 358-63	4.5	78
92	Management of psychiatric in-patient violence: patient ethnicity and use of medication, restraint and seclusion. <i>British Journal of Psychiatry</i> , 2004 , 184, 258-62	5.4	77
91	A comparative study of iatrogenesis, medication abuse, and psychiatric morbidity in chronic pain patients with and without medically explained symptoms. <i>Pain</i> , 1998 , 76, 417-426	8	75
90	Prognostic factors in the surgical treatment of medically intractable epilepsy associated with mesial temporal sclerosis. <i>Acta Neurologica Scandinavica</i> , 2001 , 103, 344-50	3.8	72
89	Latent Variable Modelling: A Survey*. <i>Scandinavian Journal of Statistics</i> , 2007 , 34, 712-745	0.8	71
88	The relationship between volumetric brain changes and cognitive function: a family study on schizophrenia. <i>Biological Psychiatry</i> , 2004 , 56, 447-53	7.9	69
87	The Maudsley early onset schizophrenia study: cognitive function in adolescents with recent onset schizophrenia. <i>Schizophrenia Research</i> , 2003 , 61, 137-48	3.6	68
86	Is semantic fluency differentially impaired in schizophrenic patients with delusions?. <i>Journal of Clinical and Experimental Neuropsychology</i> , 1999 , 21, 629-42	2.1	66
85	Estimating Parameters of Dichotomous and Ordinal Item Response Models with Gllamm. <i>The Stata Journal</i> , 2007 , 7, 313-333	3.5	63
84	Prevalence and genetic and environmental influences on anxiety disorders in 6-year-old twins. <i>Psychological Medicine</i> , 2006 , 36, 335-44	6.9	63
83	The Maudsley Early-Onset Schizophrenia Study: cognitive function in adolescent-onset schizophrenia. <i>Schizophrenia Research</i> , 2003 , 65, 95-103	3.6	61
82	Modifying the Impact of Eveningness Chronotype ("Night-Owls") in Youth: A Randomized Controlled Trial. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2018 , 57, 742-754	7.2	58

81	Development of a brief, clinically relevant, scale for measuring attachment disorders. <i>International Journal of Methods in Psychiatric Research</i> , 2002 , 11, 90-8	4.3	57
80	Correcting for covariate measurement error in logistic regression using nonparametric maximum likelihood estimation. <i>Statistical Modelling</i> , 2003 , 3, 215-232	0.7	55
79	Avoiding zero between-study variance estimates in random-effects meta-analysis. <i>Statistics in Medicine</i> , 2013 , 32, 4071-89	2.3	50
78	Neurocognitive deficits in first-episode schizophrenic patients and their first-degree relatives. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2007 , 144B, 407-16	3.5	50
77	Do antiarthritic drugs decrease the risk for cognitive decline? An analysis based on data from the MRC treatment trial of hypertension in older adults. <i>Neurology</i> , 1998 , 50, 374-9	6.5	48
76	Life events, ethnicity and perceptions of discrimination in patients with severe mental illness. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 1999 , 34, 600-8	4.5	48
75	Weakly Informative Prior for Point Estimation of Covariance Matrices in Hierarchical Models. <i>Journal of Educational and Behavioral Statistics</i> , 2015 , 40, 136-157	1.7	47
74	Stratum-specific likelihood ratios of two versions of the general health questionnaire. <i>Psychological Medicine</i> , 2001 , 31, 519-29	6.9	47
73	Selectivity of verbal memory deficit in schizophrenic patients and their relatives. <i>American Journal of Medical Genetics Part A</i> , 2003 , 116B, 1-7		44
72	Alternating imputation posterior estimation of models with crossed random effects. <i>Computational Statistics and Data Analysis</i> , 2011 , 55, 12-25	1.6	41
71	Handling initial conditions and endogenous covariates in dynamic/transition models for binary data with unobserved heterogeneity. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2014 , 63, 211-237	1.5	39
70	Personality disorders and personality dimensions in anorexia nervosa. <i>Journal of Personality Disorders</i> , 2003 , 17, 73-85	2.6	39
69	Parameterization of multivariate random effects models for categorical data. <i>Biometrics</i> , 2001 , 57, 1256-64	1.8	36
68	Violent incidents on a medium secure unit: the target of assault and the management of incidents. <i>Journal of Forensic Psychiatry Psychology</i> , 2000 , 11, 105-118		34
67	Cerebral blood flow velocity during neonatal seizures. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 1999 , 80, F105-10	4.7	34
66	Violent incidents on a medium secure unit over a 17-year period. <i>Journal of Forensic Psychiatry Psychology</i> , 1999 , 10, 249-263		32
65	A randomized controlled two-stage trial in the treatment of bulimia nervosa, comparing CBT versus motivational enhancement in Phase 1 followed by group versus individual CBT in Phase 2. <i>Psychosomatic Medicine</i> , 2010 , 72, 656-63	3.7	30
64	Reviewing the reviews: the example of chronic fatigue syndrome. <i>JAMA - Journal of the American Medical Association</i> , 1998 , 280, 264-6	27.4	29

63	Bayesian Comparison of Latent Variable Models: Conditional Versus Marginal Likelihoods. <i>Psychometrika</i> , 2019 , 84, 802-829	2.2	28
62	Composition, Context, and Endogeneity in School and Teacher Comparisons. <i>Journal of Educational and Behavioral Statistics</i> , 2014 , 39, 333-367	1.7	28
61	Maximum Likelihood Estimation of Generalized Linear Models with Covariate Measurement Error. <i>The Stata Journal</i> , 2003 , 3, 386-411	3.5	28
60	Improving outcome for mental disorders by enhancing memory for treatment. <i>Behaviour Research and Therapy</i> , 2016 , 81, 35-46	5.2	28
59	Multilevel and Related Models for Longitudinal Data 275-299		28
58	Multilevel models for censored and latent responses. <i>Statistical Methods in Medical Research</i> , 2001 , 10, 409-27	2.3	27
57	Characteristics, needs and reoffending in a group of patients with schizophrenia formerly treated in medium security. <i>Journal of Forensic Psychiatry Psychology</i> , 1999 , 10, 69-83		27
56	Structural Equation Modeling: Categorical Variables 2005 ,		26
55	Pre-morbid psychiatric morbidity, comorbidity and personality in patients with anorexia nervosa compared to their healthy sisters. <i>European Eating Disorders Review</i> , 2002 , 10, 255-270	5.3	25
54	Modeling Differential Item Functioning Using a Generalization of the Multiple-Group Bifactor Model. <i>Journal of Educational and Behavioral Statistics</i> , 2013 , 38, 32-60	1.7	24
53	The analysis of functional magnetic resonance images. <i>Statistical Methods in Medical Research</i> , 1997 , 6, 215-237	2.3	23
52	Do academic preschools yield stronger benefits? Cognitive emphasis, dosage, and early learning. <i>Journal of Applied Developmental Psychology</i> , 2017 , 52, 1-11	2.5	22
51	Cross-modal semantic priming in schizophrenia. <i>Journal of the International Neuropsychological Society</i> , 2002 , 8, 884-92	3.1	21
50	Additive multilevel item structure models with random residuals: item modeling for explanation and item generation. <i>Psychometrika</i> , 2014 , 79, 84-104	2.2	20
49	Vascular disease risk factors as determinants of incident depressive symptoms: a prospective community-based study. <i>Psychological Medicine</i> , 2004 , 34, 635-41	6.9	20
48	Differing Cognitive Trajectories of Mexican American Toddlers: The Role of Class, Nativity, and Maternal Practices. <i>Hispanic Journal of Behavioral Sciences</i> , 2015 , 37, 139-169	0.7	19
47	Multilevel Structural Equation Modeling 2007 , 209-227		19
46	Relationship between brain structure and saccadic eye movements in healthy humans. <i>Neuroscience Letters</i> , 2002 , 328, 225-8	3.3	19

45	Characterisation of the Hering-Breuer deflation reflex in the human neonate. <i>Respiration Physiology</i> , 2001 , 124, 51-64		19
44	Multilevel Modeling of Cognitive Function in Schizophrenic Patients and Their First Degree Relatives. <i>Multivariate Behavioral Research</i> , 2001 , 36, 279-98	2.3	19
43	A Third-Order Item Response Theory Model for Modeling the Effects of Domains and Subdomains in Large-Scale Educational Assessment Surveys. <i>Journal of Educational and Behavioral Statistics</i> , 2014 , 39, 235-256	1.7	18
42	A transdiagnostic sleep and circadian treatment to improve severe mental illness outcomes in a community setting: study protocol for a randomized controlled trial. <i>Trials</i> , 2016 , 17, 606	2.8	17
41	Maternal practices that influence Hispanic infants' health and cognitive growth. <i>Pediatrics</i> , 2010 , 125, e324-32	7.4	17
40	Eye tracking in schizophrenia: does the antisaccade task measure anything that the smooth pursuit task does not?. <i>Psychiatry Research</i> , 2005 , 136, 181-8	9.9	17
39	Violent incidents in a medium secure unit: the characteristics of persistent perpetrators of violence. <i>Journal of Forensic Psychiatry and Psychology</i> , 2004 , 15, 293-302	0.9	17
38	Multilevel and Latent Variable Modeling with Composite Links and Exploded Likelihoods. <i>Psychometrika</i> , 2007 , 72, 123-140	2.2	16
37	Redundant Overdispersion Parameters in Multilevel Models for Categorical Responses. <i>Journal of Educational and Behavioral Statistics</i> , 2007 , 32, 419-430	1.7	16
36	Phenotypic differences between African and white patients with motor neuron disease: a case-control study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2000 , 69, 251-3	5.5	16
35	StatView for Windows, Version 5.0. <i>Statistical Methods in Medical Research</i> , 1999 , 8, 337-41	2.3	16
34	Comparative profile analysis of cognitive function in recent-onset and chronic patients with adolescent-onset schizophrenia. <i>Schizophrenia Research</i> , 2007 , 94, 240-4	3.6	15
33	Measuring School Value Added with Administrative Data: The Problem of Missing Variables*. <i>Fiscal Studies</i> , 2011 , 32, 263-278	6	14
32	Handling Correlations Between Covariates and Random Slopes in Multilevel Models. <i>Journal of Educational and Behavioral Statistics</i> , 2014 , 39, 524-549	1.7	13
31	Profile-Likelihood Approach for Estimating Generalized Linear Mixed Models With Factor Structures. <i>Journal of Educational and Behavioral Statistics</i> , 2012 , 37, 518-542	1.7	12
30	Modeling Achievement Trajectories When Attrition Is Informative. <i>Journal of Educational and Behavioral Statistics</i> , 2012 , 37, 703-736	1.7	12
29	Maximum Likelihood Estimation of Generalized Linear Models with Covariate Measurement Error. <i>The Stata Journal</i> , 2003 , 3, 386-411	3.5	12
28	Differences in factors associated with first treatment entry and treatment re-entry among cocaine users. <i>Addiction</i> , 2002 , 97, 825-32	4.6	11

27	Multilevel models for censored and latent responses. <i>Statistical Methods in Medical Research</i> , 2001 , 10, 409-427	2.3	11
26	War Exposure and Maternal Reactions in the Psychological Adjustment of Children from Bosnia-Herzegovina 2001 , 42, 395		11
25	A Variational Maximization-Maximization Algorithm for Generalized Linear Mixed Models with Crossed Random Effects. <i>Psychometrika</i> , 2017 , 82, 693	2.2	10
24	Can integrating the Memory Support Intervention into cognitive therapy improve depression outcome? Study protocol for a randomized controlled trial. <i>Trials</i> , 2017 , 18, 539	2.8	10
23	The relationship between eye movement and brain structural abnormalities in patients with schizophrenia and their unaffected relatives. <i>Journal of Psychiatric Research</i> , 2006 , 40, 589-98	5.2	10
22	Nonparametric One-way Analysis of Variance of Replicated Bivariate Spatial Point Patterns. <i>Biometrical Journal</i> , 2004 , 46, 19-34	1.5	10
21	Trifactor Models for Multiple-Ratings Data. <i>Multivariate Behavioral Research</i> , 2019 , 54, 360-381	2.3	9
20	A randomized controlled trial of the Transdiagnostic Intervention for Sleep and Circadian Dysfunction (Trans-C) to improve serious mental illness outcomes in a community setting. <i>Journal of Consulting and Clinical Psychology</i> , 2021 , 89, 537-550	6.5	9
19	Regional variation of cloze probabilities for sentence contexts. <i>Behavior Research Methods</i> , 2001 , 33, 80-90		8
18	A longitudinal study of the psychological adaptation of trainee clinical psychologists. <i>Clinical Psychology and Psychotherapy</i> , 2000 , 7, 394-400	2.9	8
17	An autoregressive growth model for longitudinal item analysis. <i>Psychometrika</i> , 2016 , 81, 830-50	2.2	7
16	Protective estimation of mixed-effects logistic regression when data are not missing at random. <i>Biometrika</i> , 2014 , 101, 175-188	2	7
15	The spatial relationship between neurons and astrocytes in HIV-associated dementia. <i>Journal of NeuroVirology</i> , 2013 , 19, 123-30	3.9	7
14	Incorporating Student Covariates in Cognitive Diagnosis Models. <i>Journal of Classification</i> , 2013 , 30, 195-224		6
13	Testing for laterality differences in regional brain volumes. <i>Archives of General Psychiatry</i> , 2000 , 57, 511-2		6
12	Promoting Therapeutic Alliance in Clozapine Users: An Exploratory Randomized Controlled Trial. <i>Clinical Schizophrenia and Related Psychoses</i> , 2009 , 3, 127-132	1.6	4
11	Pairwise residuals and diagnostic tests for misspecified dependence structures in models for binary longitudinal data. <i>Statistics in Medicine</i> , 2018 , 37, 343-356	2.3	3
10	The Effect of Orthographic Neighbors on Second-Grade Students' Spelling Acquisition. <i>Reading Research Quarterly</i> , 2021 , 56, 119-141	2.6	3

9	The transition model test for serial dependence in mixed-effects models for binary data. <i>Statistical Methods in Medical Research</i> , 2017 , 26, 1756-1773	2.3	2
8	CFA Models with a General Factor and Multiple Sets of Secondary Factors. <i>Psychometrika</i> , 2018 , 83, 785-808		2
7	10 Multilevel Structural Equation Modeling. <i>Handbook of Computing and Statistics With Applications</i> , 2007 , 209-227		2
6	A Dyadic IRT Model. <i>Psychometrika</i> , 2020 , 85, 815-836	2.2	1
5	Brain Activation Studies Using Magnetic Resonance Imaging 1997 , 241-265		1
4	The Role of Conditional Likelihoods in Latent Variable Modeling.. <i>Psychometrika</i> , 2022 , 1	2.2	0
3	Monte Carlo local likelihood approximation. <i>Biostatistics</i> , 2019 , 20, 164-179	3.7	
2	Missing ordinal covariate with informative selection. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2014 , 177, 319-344	2.1	
1	Exploring the associations between social class, binge drinking, and other risk behaviors among brazilian young people. <i>International Perspectives on Child and Adolescent Mental Health</i> , 2002 , 501-517		