

## Collected Papers of R.A. Fisher. MSS 013 Series 2

Date	Title	Digitised
1912	001: On an Absolute Criterion for Fitting Frequency Curves.	X
1913	002: Applications of vector analysis to geometry	
1914	003: Some Hopes of a Eugenist.	X
1915	004: Frequency Distribution of the Values of the Correlation Coefficient in Samples from an Indefinitely Large Population.	X
1915	005: Cuénot on preadaptation: a criticism (with C. S. Stock)	
1915	006: The evolution of sexual preference	
1916	007: Biometrika.	X
1917	008: Positive Eugenics	
1918	009: The Correlation Between Relatives on the Supposition of Mendelian Inheritance.	X
1918	010: The causes of human variability	
1919	011: The genesis of twins	
1920	012: A Mathematical Examination of the Methods of Determining the Accuracy of an Observation by the Mean Error, and by the Mean Square Error.	X
	013: Review of Inbreeding and Outbreeding (E.M. East and D.F. Jones)	
1921	014: On the "Probable Error" of a Coefficient of Correlation Deduced from a Small Sample.	X
1921	015: Studies in Crop Variation. I. An examination of the yield of dressed grain from Broadbalk.	X
1921	016: Some Remarks on the Methods Formulated in a Recent Article on the Quantitative Analysis of Plant Growth.	X
1921	017: Review of The Relative Value of the Processes Causing Evolution (A.L. and A.C. Hagedoorn)	
1922	018: On the Mathematical Foundations of Theoretical Statistics.	X
1922	019: On the Interpretation of $\chi^2$ from Contingency Tables, and the Calculation of P.	X
1922	020: The Goodness of Fit of Regression Formulae and the Distribution of Regression Coefficients.	X
1922	021: The Correlation of Weekly Rainfall.	X
1922	022: The Accuracy of the Plating Method of Estimating the Density of Bacterial Populations.	X
1922	023: Statistical Appendix to a Paper by J. Davidson on Biological Studies of <i>Aphis rumicis</i> .	X
1922	024: On the Dominance Ratio.	X
1922	025: The correlation of weekly rainfall (with W.A. Mackenzie)	
1922	026: Darwinian Evolution by Mutations.	X
1922	027: New data on the genesis of twins	
1922	028: The evolution of the conscience in civilised communities	
1922	029: Contribution to a discussion on the inheritance of mental qualities, good and bad	

1923	Note on Dr. Burnside's recent paper on errors of observation	
1923	031: Statistical Tests of Agreement Between Observation and Hypothesis.	X
1923	032: Studies in Crop Variation. II. The manurial response of different potato varieties.	X
1923	032a: Review of A Treatise on Probability by J.M. Keynes.	X
1923	033: Paradoxial rainfall data	
1924	034: The Conditions Under Which $\chi^2$ Measures the Discrepancy Between Observation and Hypothesis.	X
1924	035: The Distribution of the Partial Correlation Coefficient.	X
1924	036: On a Distribution Yielding the Error Functions of Several Well Known Statistics.	X
1924	037: The influence of rainfall on the yield of wheat at Rothamsted.	X
1924	038: A method of scoring coincidences in tests with playing cards	
1924	039: The Theory of the Mechanical Analysis of Sediments by Means of the Automatic Balance.	X
1924	040: The eliminatio of mental defect	
1924	041: The biometrical study of heredity	
1925	042: Theory of Statistical Estimation.	X
1925	043: Applications of "Student's" Distribution.	X
1925	044: Expansion of "Student's" integral in Powers of $n-1$ .	X
1925	045: Note on the Numerical Evaluation of a Bessel Function Derivative (with P.R. Ansell).	X
1925	046: Sur la solution de l'équation intégrale de M.V. Romansovsky	
1925	047: The resemblance between twins, a statistical examination of Lauterbach's measurements	
1926	048: The Arrangement of Field Experiments.	X
1926	049: Bayes' Theorem and the Fourfold Table.	X
1926	050: On the Random Sequence.	X
1926	051: On the capillary forces in an ideal soil; correction of formulae given by W. B. Haines	
1926	052: Variability of species (with E. B. Ford)	
1926	053: Eugenics: can it solve the problem of decay of civilizations?	
1926	054: Modern eugenics	
1926	055: Periodical health surveys	
1927	056: On the Distribution of the Error of an Interpolated Value, and on the Construction of Tables.	X
1927	057: Studies in crop variation. IV. The experimental determination of the value of top dressings with cereals (with T. Eden)	
1927	058: On the Existence of Daily Changes in the Bacterial Numbers in American Soil.	X
1927	059: On Some Objections to Mimicry Theory - Statistical and Genetic.	X
1927	060: The Actuarial Treatment of Official Birth Records.	X

1928	061: The General Sampling Distribution of the Multiple Correlation Coefficient.	X
1928	062: On a Property Connecting the $\chi^2$ Measure of Discrepancy with the Method of Maximum Likelihood.	X
1928	063: Limiting Forms of the Frequency Distribution of the Largest of Smallest Member of a Sample.	X
1928	064: Further note on the capillary forces in an ideal soil	
1928	065: Maximum - and minimum-correlation tables in comparative climatology (with T. N. Hoblyn)	
1928	066: Correlation coefficients in meteorology	
1928	067: The Effect of Psychological Card Preferences.	X
1928	068: The Possible Modification of the Response of the Wild Type to Recurrent Mutations.	X
1928	069: Two Further Notes on the Origin of Dominance.	X
1928	070: Triplet children in Great Britain and Ireland.	X
1928	071: The estimation of linkage from the offspring of selfed heterozygotes (with B. Balmukand)	
1928	072: The variability of species in the Lepidoptera, with reference to abundance and sex (with E. B. Ford)	
1928	073: The differential birth rate: new light on causes from American figures	
1929	074: Moments and Product Moments of Sampling Distributions.	X
1929	075: Tests of Significance in Harmonic Analysis.	X
1929	076: The Sieve of Eratosthenes.	X
1929	077: A preliminary note on the effect of sodium silicate in increasing the yield of barley	
1929	078: Studies in Crop Variation. VI. Experiments on the response of the potato to potash and nitrogen.	X
1929	079: The Statistical Method in Psychical Research.	X
1929	080: Statistics and biological research	
1929	081: The Evolution of Dominance; Reply to Professor Sewall Wright.	X
1929	082: The over-production of food	
1930	083: The Moments of the Distribution for Normal Samples of Measures of Departure From Normality.	X
1930	084: Inverse Probability.	X
1930	085: The Arrangement of Field Experiments and the Statistical Reduction of the Results.	X
1930	086: The Distribution of Gene Ratios for Rare Mutations.	X
1930	087: The Evolution of Dominance in Certain Polymorphic Species.	X
1930	088: Mortality Amongst Plants and its Bearing on Natural Selection.	X
1930	089: Note on a tri-colour (mosaic) mouse	
1931	090: The Derivation of the Pattern Formulae of Two-Way Partitions From Those of Simpler Patterns.	X

1931	091: The Sampling Error of Estimated Deviates, Together with Other Illustrations of the Properties and Applications of the Integrals and Derivatives of the Normal Error Function.	X
1931	092A: Principles of Plot Experimentation in relation to the Statistical Interpretation of the Results.	X
1931	093: The Evolution of Dominance.	X
1931	094: The biological effect of family allowances	
1932	095: Inverse Probability and the Use of Likelihood.	X
1932	096: The Genetical Interpretation of Statistics of the Third Degree in the Study of Quantitative Inheritance.	X
1932	097: The Evolutionary Modification of Genetic Phenomena.	X
1932	098: The Bearing of Genetics on Theories of Evolution	X
1932	099: The social selection of human fertility	X
1932	100: Family allowances in the contemporary economic situation	
1932	101: Inheritance of acquired characters	
1933	102: The Concepts of Inverse Probability and Fiducial Probability Referring to Unknown Parameters.	X
1933	103: The Contributions of Rothamsted to the Development of the Science of Statistics.	X
1933	104: On the Evidence Against the Chemical Induction of Melanism in Lepidoptera.	X
1933	105: Selection in the Production of the Ever-Sporting Stocks.	X
1933	106: Number of Mendelian factors in quantitative inheritance	
1933	107: Contribution to a discussion on mortality among young plants and animals	
1934	108: Two New Properties of Mathematical Likelihood.	X
1934	109: Probability, Likelihood and Quantity of Information in the Logic of Uncertain Inference.	X
1934	110: The 6 x 6 Latin Squares.	X
1934	111: Randomisation, and an Old Enigma of Card Play	X
1934	112: Appendix to a Paper by H.G. Thornton and P.H.H. Gray on the Numbers of Bacterial Cells in Field Soils.	X
1934	113: The effect of methods of ascertainment upon the estimation of frequencies	
1934	114: The amount of information supplied by records of families as a function of the linkage in the population sampled	
1934	115: The use of simultaneous estimatio in the evaluation of linkage	
1934	116: Some Results of an Experiment on Dominance in Poultry, with Special Reference to Polydactyly.	X
1934	117: Crest and Hernia in Fowls Due to a Single Gene Without Dominance.	X
1934	118: Crossing-over in the land snail <i>Cepaea nemoralis</i> (with C. Diver)	
1934	119: Professor Wright on the Theory of Dominance.	X
1934	120: The children of mental defectives	
1934	121: Indeterminism and Natural Selection.	X

1934	122: Adaptation and Mutations : A Lecture to the Science Masters' Association	X
1935	123: The Mathematical Distributions Used in the Common Tests of Significance.	X
1935	124: Discussion on Professor Fisher's Paper (ie. Logic of Inductive Inference)	X
1935	124: The Logic of Inductive Inference.	X
1935	125: The Fiducial Argument in Statistical Inference.	X
1935	126: The Case of Zero Survivors in Probit Assays.	X
1935	127: Statistical tests	
1935	128: Contribution to a Discussion of J. Neyman's Paper on Statistical Problems in Agricultural Experimentation (incomplete extract).	X
1935	129: Contribution to a discussion of F. Yates' Paper on Complex Experiments	X
1935	130: On the selective consequences of East's (1927) theory of heterostylism in <i>Lythrum</i>	
1935	131: The detection of linkage with "dominant" abnormalities	
1935	132: The detection of linkage with recessive abnormalities	
1935	133: The Sheltering of Lethals.	X
1935	134: The inheritance of fertility: Dr. Wagner-Manslau's tables	
1935	135: Dominance in Poultry.	X
1935	136: Eugenics, academic and practical	
1936	137: Uncertain Inference.	X
1936	138: The Use of Multiple Measurements in Taxonomic Problems.	X
1936	139: A test of the supposed precision of systematic arrangements (with S. Barbacki)	
1936	140: The half-drill strip system agricultural experiments	
1936	141: "The Coefficient of Racial Likeness" and the Future of Craniometry	X
1936	142: Heteogeneity of linkage data for Friedreich's ataxia and spontaneous antigens	
1936	143: Tests of significance applied to Haldane's data on partial sex linkage	
1936	144: Has Mendel's Work been Rediscovered?	X
1936	145: A linkage test with mice (with K. Mather)	
1936	147: The Measurement of Selective Intensity.	X
1937	148: Moments and Cumulants in the Specification of Distributions.	X
1934	149: Professor Karl Pearson and the method of moments	
1937	150: The Comparison of Variability in Populations Having Unequal Means. An example of the analysis of covariance with multiple dependent and independent variates.	X
1937	151: On a Point Raised by M.S. Bartlett on Fiducial Probability.	X
1937	152: The Wave of Advance of Advantageous Genes.	X
1937	153: The Relation Between Variability and Abundance Shown by the Measurements of the Eggs of British Nesting Birds.	X

1937	154: Inheritance in man: Boas's data studied by the method of analysis of variance (with H. Gray)	
1938	155: The Statistical Utilization of Multiple Measurements.	X
1938	156: Quelques Remarques sur l'estimation en Statistique.	X
1938	157: On the Statistical Treatment of the Relation Between Sea-Level Characteristics and High-Altitude Acclimatization.	X
1938	158: The mathematics of experimentation	
1938	159: Presidential address, Indian statistical conference	
1938	160: Comment on D. McGregor's note on the distribution of the three forms of <i>Lythrum salicaria</i>	
1938	161: Dominance in Poultry: feathered feet, rose comb, internal pigment and pile.	X
1939	162: The Comparison of Samples with Possibly Unequal Variances.	X
1939	163: The Sampling Distribution of Some Statistics Obtained From Non-linear Equations.	X
1939	164: A note on fiducial inference	
1939	165: "Student".	X
1939	166: The precision of the product formula for the estimation of linkage	
1939	167: Selective Forces in Wild Populations of <i>Paratettix texanus</i> .	X
1939	168: Stage of development as a factor influencing the variance in the number of offspring, frequency of mutants and related quantities	
1939	169: Blood groups in Great Britain (with G.L. Taylor)	
1939	170: Taste-testing the Anthropoid Apes.	X
1939	171: Surnames and blood-groups (with J. Vaughan)	
1939	172: The Galton Laboratory	X
1940	173: On the Similarity of the Distributions Found For the Test of Significance in Harmonic Analysis...	X
1940	174: An Examination of the Different Possible Solutions of a Problem in Incomplete Blocks.	X
1940	175: The Precision of Discriminant Functions.	X
1940	176: The estimation of the proportion of recessives from tests carried out on a sample not wholly unrelated	
1940	177: The quantitative study of populations in the Lepidoptera. I. <i>Polyommatus icarus</i> (with W. H. Dowdeswell and E. B. Ford)	
1940	178: Non-lethality of the mid factor in <i>Lythrum salicaria</i> (with K. Mather)	
1940	179: Scandinavian Influence in Scottish Ethnology.	X
1940	180: The Galton Laboratory.	X
1941	181: The Asymptotic Approach to Behren's Integral, with Further Tables for the d Test of Significance.	X
1941	182: The Negative Binomial Distribution.	X
1941	183: The Interpretation of Experimental Four-fold Tables.	X
1941	184: The theoretical consequences of polyploid inheritance for the mid style form of <i>Lythrum salicaria</i>	

1941	185: Average Excess and Average Effect of a Gene Substitution	X
1942	186: New cyclic solutions to problems in incomplete blocks	
1942	187: Completely orthogonal 9 x9 squares: a correction	
1942	188: The likelihood solution of a problem in compounded probabilities	
1942	189: The Theory of Confounding in Factorial Experiments in Relation to the Theory of Groups.	X
1942	190: Some Combinatorial Theorems and Enumerations Connected with the Numbers of Diagonal Types of a Latin Square.	X
1942	191: The polygene concept	
1942	192: Polyploid inheritance in <i>Lythrum salicaria</i> (with K. Mather)	
1942	193: A Theoretical Distribution for the Apparent Abundance of Different Species.	X
1942	194: Note on Dr. Berkson's Criticism of Tests of Significance.	X
1942	195: The Therapeutic Use of Vitamin C	X
1943	196: The inheritance of style length in <i>Lythrum salicaria</i> (with K. Mather)	
1943	197: A sex difference in blood-group frequencies (with J. A. Fraser Roberts)	
1943	198: The birthrate and family allowances	
1944	199: The experimental modification of dominance in Danforth's short-tailed mutant mice (with S. B. Holt)	
1944	200: Allowance for double reduction in the calculation of genotype frequencies with polysomic inheritance	
1944	201: Mutation and the Rhesus reaction (with R. R. Race and G. L. Taylor)	
1945	202: A System of Confounding for Factors with More Than Two Alternatives, Giving Completely Orthogonal Cubes and Higher Powers.	X
1945	203: The Logical Inversion of the Notion of the Random Variable.	X
1945	204: Recent Progress in Experimental Design.	X
1945	205: A New Test for 2 x 2 Tables.	X
1945	206: The Hereditary and Familial Aspects of Exophthalmic Goitre and Nodular Goitre.	X
1946	207: Testing the differences between the means of observations of unequal precision	
1946	208: A system of scoring linkage data, with special reference to the pied factors in mice	
1946	209: Rh Gene frequencies in Britain (with R. R. Race)	
1946	210: The fitting of gene frequencies to data on Rhesus reactions	
1947	211: The analysis of Covariance Method for the Relation Between a Part and the Whole.	X
1947	212: Development of the Theory of Experimental Design.	X
1947	213: The Theory of Linkage in Polysomic Inheritance.	X
1947	214: The Rhesus Factor : A Study in Scientific Method.	X

1947	215: Note on the calculation of the frequencies of Rhesus allelomorphs	
1947	216: The science of heredity	
1947	217: The renaissance of Darwinism	
1947	218: Spontaneous occurrence in <i>Lythum salicaria</i> of plants duplex for the short-style gene (with V.C. Martin)	
1947	219: The Spread of a Gene in Natural Conditions in a Colony of the Moth <i>Panaxia Dominula</i> L.	X
1947	220: The spread of a gene in natural conditions in a colony of the moth <i>Panaxia dominula</i> (with E. B. Ford)	
1947	221: The Sex Chromosome in the House Mouse.	X
1948	222: Conclusions fiduciaires.	X
1948	223: Un résultat assez inattendu d'arithmétique des lois de probabilité (with D. Dugué)	
1948	224: Biometry.	X
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1948	225: A quantitative theory of genetic recombination and chiasma formation	
1948	226: A Twelfth Linkage Group of the House Mouse.	X
1948	228: Modern Eugenics	
1948	229: What Sort of Man is Lysenko?	X
1949	230: A Biological Assay of Tuberculins.	X
1949	231: Note on the Test of Significance for Differential Viability in Frequency Data from a Complete Three-Point Test.	X
1949	232: The Quantitative Study of Populations in the Lepidoptera 2. <i>Maniola Jurtina</i> L.	X
1949	233: A Preliminary Linkage Test with Agouti and Undulated Mice.	X
1949	234: A theoretical system of selection for homostyle <i>Primula</i>	
1949	235: The Linkage Problem in a Tetrasomic Wild Plant, <i>Lythrum Salicaria</i> .	X
1950	236: The Significance of Deviations From Expectation in a Poisson Series.	X
1950	237: A Class of Enumerations of Importance in Genetics.	X
1950	238: Gene Frequencies in a Cline Determined by Selection and Diffusion.	X
1950	239: The "Sewall Wright Effect".	X
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1950	241: Creative Aspects of Natural Law.	X
1951	242: Statistics.	X
1951	242A: Answer to Query 91 on interaction of quantity and quality in agricultural field trials.	X
1951	243: Standard Calculations for Evaluating a Blood-Group System	X
1951	244: A combinatorial formulation of multiple linkage tests	
1951	245: Limits to intensive production in animals	



1951	246: The hereditary and familial aspects of toxic nodular goitre (secondary thyrotoxicosis) (with L. Martin)	
1952	247: Sequential Experimentation.	X
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1953	249: Dispersion on a Sphere.	X
1953	250: Note on the Efficient Fitting of the Negative Binomial.	X
1953	251: The Expansion of Statistics.	X
1953	252: Population Genetics. The Croonian Lecture, 1953.	X
1953	253: The Variation in Strength of the Human Blood Group P	X
1953	254: The Linkage of Polydactyly with Leaden in the House-Mouse	X
1953	255: Sex differences of crossing-over in close linkage (with W. Landauer)	
1954	256: The Analysis of Variance with Various Binomial Transformations.	X
1954	257: Contribution to a Discussion of a Paper on Interval Estimation by M.A. Creasy.	X
1954	258: Retrospect of the Criticisms of the Theory of Natural Selection.	X
1954	259: A Fuller Theory of "Junctions" in Inbreeding	X
1954	260: The experimental study of multiple crossing over	
1955	261: Statistical methods and scientific induction	
1955	261A: Answer to Query 114 on the effect of errors of grouping in an analysis of variance.	X
1955	262: Double reduction at the rosy, or pink, locus in <i>Lythrum salicaria</i> (with V. C. Fyfe)	
1955	263: Science and Christianity	
1956	264: On a test of significance in Pearson's <i>Biometrika</i> tables (no. 11)	X
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1957	267: The Underworld of Probability.	X
1957	268: Comment on the Notes by Neyman, Bartlett, and Welch	X
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1957	270: Dangers of cigarette-smoking	
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1958	276: Cancer and smoking	
1958	277: Polymorphism and Natural Selection.	X
1958	278: The Discontinuous Inheritance.	X
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1960	282: Scientific Thought and the Refinement of Human Reasoning.	X

1960	283: On Some Extensions of Bayesian Inference Proposed by Mr. Lindley.	X
1961	284: Sampling the Reference Set.	X
1961	285: The Weighted Mean of Two Normal Samples with Unknown Variance Ratio.	X
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1961	287: A Model for the Generation of Self-Sterility Alleles.	X
1962	288: The Simultaneous Distribution of Correlation Coefficients.	X
1962	289: Some examples of Bayes' method of the experimental determination of probabilities a priori	
1962	290: The Place of the Design of Experiments in the Logic of Scientific Inference.	X
1962	291: Confidence Limits for a Cross-Product Ratio.	X
1962	292: Enumeration and Classification in Polysomic Inheritance.	X
1962	293: Self-Sterility Alleles: a Reply to Professor D. Lewis.	X
1962	294: The Detection of a Sex Difference in Recombination Values Using Double Heterozygotes.	X