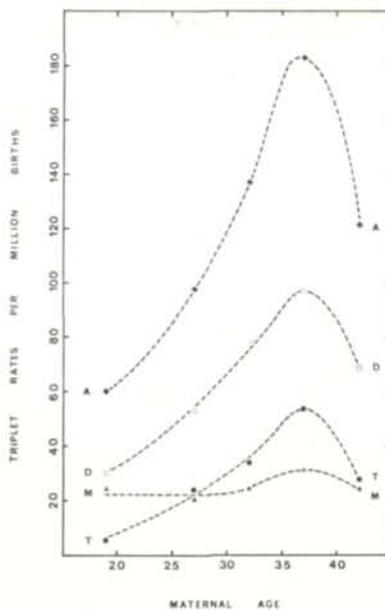


Journal of Biosocial Science

VOLUME 10, NO. 2

APRIL 1978



Dependence of monozygotic (M), dizygotic (D), trizygotic (T) and all (A) triplet rates on maternal age, Australia, 1920-69.

See C. J. Brackenridge, p. 183 of this issue.

Published by
THE GALTON FOUNDATION

7 Downing Place, Cambridge, England

EXECUTIVE EDITOR

Alan S. Parkes

ASSISTANT EDITOR

Margaret Herbertson

EXECUTIVE SECRETARY

Dee King

EDITORIAL ADVISORY PANEL

Tess Adkins

W. Brass

D. R. Brothwell

Robert Chester

P. R. Cox

P. C. L. Diggory

P. Sargant Florence

E. Grebenik

G. A. Harrison

Hans Kalmus

John Peel

D. M. Potts

J. S. Price

M. P. M. Richards

D. F. Roberts

Fred T. Sai

E. T. O. Slater

R. Snowden

Barbara Thompson

A. M. Thomson

JOURNAL OF BIOSOCIAL SCIENCE

The *Journal of Biosocial Science* is published by the Galton Foundation and distributed by The Biochemical Society Book Depot.

All orders, payments and enquiries regarding distribution should be addressed to:

**Journal of Biosocial Science,
PO Box 32, Commerce Way,
Colchester CO2 8HP,
UK**

For 1978 (Volume 10) there will be four issues, published in January, April, July and October, comprising approximately 480 pages.

The subscription rates for 1978 are: Annual subscription £17.50 (US \$37.50)
Per part £4.50 (US \$10.00)

To avoid a break in continuity subscribers are asked to place their orders, either direct or through an agent, by mid-December. Should a Standing Order be required, this should be indicated in the order instructions and an invoice will then be sent automatically in the last quarter of each year.

Concessionary rates for members of relevant Societies: enquiries should be addressed to:

**The Executive Secretary,
Journal of Biosocial Science
7 Downing Place,
Cambridge CB2 3EL,
UK**

Manuscripts for publication and books for review should be sent to:

**The Executive Editor,
Journal of Biosocial Science,
7 Downing Place,
Cambridge CB2 3EL,
UK**

Second-class postage pending at New York, N.Y. 10022, U.S.A.

JOURNAL OF BIOSOCIAL SCIENCE

Notice to Contributors

The *Journal of Biosocial Science* publishes original papers, reviews, lectures, proceedings and major book reviews dealing with social aspects of human biology, including reproduction and its control, gerontology, ecology, genetics and applied psychology; with biological aspects of the social sciences, including sociology, social anthropology, education and criminology; and with biosocial aspects of demography. Preference will be given to material which is clearly interdisciplinary.

Papers are considered for publication on the understanding that they have not been, and will not be, published elsewhere in whole or in part, and that, where customary, they have been approved for publication by the relevant Head of Department. The Editor is not responsible for any loss of or damage to manuscripts or illustrations and his decision on all editorial matters is final. This journal is covered by *Current Contents* and *Biological Abstracts*.

In view of the very high postal charges, when a paper is rejected the author will be notified but the script will be returned only if this has been requested at the time the paper was submitted.

Manuscripts should be sent in duplicate to the Executive Editor, *Journal of Biosocial Science*, 7 Downing Place, Cambridge CB2 3EL. They should be clearly typewritten, on one side of the paper only, with a 1½ inch margin, and be double-spaced and in the English language. Spelling should follow that of the *Concise Oxford Dictionary*. Where English is not the language of the country of origin, a translation of the English summary into that language may additionally be provided for publication.

Papers must be written clearly, simply and concisely. They should be checked very carefully before being submitted. The author is responsible for the accuracy of quotations, tabular matter and references.

An original paper should not include an extensive review of the literature, but only sufficient references to indicate the purpose and relevance of the investigation. Methods which have been recorded previously should be described only briefly and in general terms, but the author's modifications, if any, may be given in detail. Text, tables and figures must be internally consistent and not repetitious. Results should be described concisely and discussion limited to the significant new findings. Theoretical exercises should be such as to lead to conclusions of general interest. Reviews should be authoritative and well documented.

The Editor reserves the right to make minor literary emendations in the final editing, but manuscripts will not be altered substantially without consultation with the author or marked unless the paper is thought provisionally to be acceptable.

Manuscripts should bear the title of the paper, name of the Institution where the work was done and, as a footnote, the present postal address of the author if different from that of the Institution. Titles should be brief, but informative, and should indicate the nature of the contents, not their import. A short title, to serve as a running head and consisting of not more than 50 letters (including spaces), should also be given on the title page. A summary not exceeding 5% of the length of the paper should precede the text. Section headings may be of four orders which in print will appear as: centre bold, centre italics, side raised italics and side inset italics; of these, the first and third are normally sufficient. Acknowledgments should be made at the end of the text in a separate section. Footnotes should be avoided except as indicated above.

Debate. *J. biosoc. Sci.* now includes a section headed *Debate* which is designed to carry comments on papers appearing in previous issues. Authors whose papers are involved will be given an opportunity to reply at similar length for simultaneous publication. Discussion of any particular paper will not normally be continued beyond the first comment or comments and the author's reply. As with all other matter submitted to *J. biosoc. Sci.* the Executive Editor's decision as to publication of comments is final. Comments, not to exceed 500 words (one printed page), should be sent to the Executive Editor.

Diagrams must be numbered as Text-figures and should bear the author's name, short title of the paper and figure number on the back. Captions for Text-figures should be typed on a separate sheet. Visual aids of this kind should be used where possible to replace or supplement tabular matter.

Tables should be typed on separate sheets, be given Arabic numbers and be headed by adequate captions. Their approximate position in the text should be indicated by a note in the margin. They should not exceed in size the equivalent of one page of print. Weights and measurements should be given in metric units, with standard abbreviations (μg , mg, g, kg; ml, l; mm, cm, m, km, °C). Other abbreviations which should be used include %, <, >, hr, min. The 24-hr clock should be used to indicate the time of day. Abbreviations as such, should not be followed by, and initials need not be separated by, full points (e.g. FPA). Mean values should, where possible, be accompanied by standard errors or similar statistical indications of variance.

References in the text should be given in the manner that is standard in the Journal. Titles of journals should be abbreviated according to the *World List of Scientific Periodicals*, 4th edn (1964) and its supplements, and as also given in *World Medical Periodicals*.

An unpublished paper should not be cited among the references unless it has specifically been accepted for publication by a particular Journal, in which case the words (in press) should be used in place of the volume and page number of the journal.

Proofs will be sent to contributors for minor corrections, and should be returned to the Editor within one week. Special attention should be given to the checking of tables, mathematical formulae and Text-figures. Major alterations to the text will be accepted only at the author's expense. Overseas contributors are advised to arrange for a proof-reader in Great Britain. The date of receipt given at the head of the paper is that on which the script as published was received or agreed.

Offprints. 25 offprints together with a copy of the issue of the Journal in which the paper appears will be supplied free to the author, or, where there are two or more, to the author responsible for ordering offprints. Additional offprints up to the limit of 500 may be purchased if ordered on the form sent out with the proofs.

Page charge. There is no charge to authors for publication in *J. biosoc. Sci.*

© Galton Foundation. No part of this publication may be reproduced or stored in a retrieval system in any form or by any means without the permission of both the Galton Foundation and the author.

JOURNAL OF BIOSOCIAL SCIENCE

Vol. 10, No. 2

April 1978

Contributors

- Colin J. Brackenridge** Research Associate, Department of Psychiatry, University of Melbourne, Australia p. 183
- Colin Brewer** Research Fellow, Department of Psychiatry, University of Birmingham, attached to the British Pregnancy Advisory Service, Austy Manor, Wootton Waven, West Midlands p. 203
- S. R. Cobb** Lecturer in Psychology, University of Glasgow p. 199
- Sheila L. B. Duncan** Senior Lecturer in Obstetrics and Gynaecology, University of Sheffield p. 141
- Robert J. Gandy** Area Statistician, Leicestershire Area Health Authority (Teaching) p. 125
- Louis Goldman** Medical Consultant to *Doctor* magazine p. 217
- R. H. Gray** Epidemiologist, WHO Geneva p. 209
- R. A. Grossman** Epidemiologist, WHO Collaborating Center for Clinical Research, Chulalongkorn, Thailand p. 209
- Lynne Iliffe** Research Fellow, Centre for Overseas Population Studies, London School of Hygiene and Tropical Medicine p. 189
- John McEwan** Consultant and Senior Lecturer in Family Planning, King's College Hospital, London p. 159
- Naomi M. Morris** Professor of Pediatrics, University of Health Sciences/Chicago Medical School, Chicago, Illinois, USA p. 147
- Mary A. Parsons** National Administrative Trainee, South West Thames Regional Health Authority p. 133
- Alun M. Roberts** Senior Lecturer, Department of Physics, Guy's Hospital Medical School, London p. 169
- A. Somboonsuk** Chief, Family Planning Unit, Associate Professor, Department of Obstetrics and Gynaecology, Faculty of Medicine, Chulalongkorn University, Thailand p. 209
- N. Xuto** Researcher, Social Science Research Institute, Chulalongkorn University, Thailand p. 209
- J. Richard Udry** Director, Carolina Population Center, University of North Carolina, Chapel Hill, NC, USA p. 147
- Heather A. Wood** Lecturer, Department of Human Biology and Health, University of Surrey p. 133