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# Bibliographie für Versicherungsmathematik, Statistik und Datenverarbeitung

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### Regeln für die Aufnahme von Abhandlungen

*a)* Versicherungsmathematische, -technische, -statistische sowie mathematisch-statistische Abhandlungen und Aufsätze über Datenverarbeitung werden ohne Einschränkung aufgeführt.

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Den Bearbeitern der Bibliographie standen die Zeitschriften mit ganz wenig Ausnahmen im Original zur Verfügung. Im übrigen ist im Bedarfsfall auf die folgenden Bibliographien zu verweisen:

- a)* Schweizerische Zeitschrift für Volkswirtschaft und Statistik.
- b)* Revue de l'Institut International de Statistique.
- c)* Mathematical Reviews.
- d)* Zentralblatt für Mathematik und ihre Grenzgebiete.

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- Rufener, Ernst*: Kleine Bemerkung zu einer Funktionalgleichung der Prämienreserve. S. 21–28.
- Nolfi, Padrot*: Die Berücksichtigung der Sterblichkeitsverbesserung in der Rentenversicherung nach der Optimalmethode der Spieltheorie. S. 29–48.
- Bühlmann, Hans*: Die beste erwartungstreue lineare Schätzfunktion der Übersterblichkeit. S. 49–58.
- Beneš, R.*: Über die Symbolik der Programmierung programmgesteuerter elektronischer Rechenanlagen. S. 59–74.
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- Chuard, Philippe*: Remarques sur le calcul des primes pour rentes de survie. S. 99–117.
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- Sumitsuji, Osamu*: Some elementary researches in the mathematics of life insurance. S. 163–198.
- Adrian, P.*: Die Bezeichnungsweise der Bernoullischen Zahlen. S. 199–256.
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- Jecklin, Heinrich*: Elementare Bemerkungen betreffend Verbindungs- und Überlebensrenten auf mehrere Leben. S. 217–226.
- Iff, Paul*: Zur Darstellung versicherungstechnischer Werte durch Reihen. S. 227–240.
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- Jéquier, Ch.*: Enquête pédagogique: Comment formons-nous de jeunes actuaires? S. 275–291.
- Franckx, Edouard*: Sur la convergence forte. S. 293–296.
- van Klinken, J.*: On some estimation problems with regard to the Poisson-distribution and the  $\chi^2$ -minimum method. S. 297–306.
- Marx, A.*: Some notes on contingent debts. S. 307–328.

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Probleme der sozialen Sicherheit**

Nr. 3, 1959

- van Klinken, J.*: Applications of tests based on the Poisson model. S. 17–29.
- Jain, S.P.*: Sickness experience of the Indian Workers' Health Insurance Scheme and its significance. S. 31–42.

*Januszkiewicz, J.:* Analyse des variations du taux de fréquence des accidents du travail. S. 43–63.

*Santini, Carlo:* Formules approchées pour la détermination rapide d'annuités viagères sur deux têtes et pour la transformation d'annuités viagères sur une et deux têtes à la suite de la variation du taux d'intérêt. S. 65–86.

*Myers, Robert J.:* Actuarial techniques useful in public relations operations of social security systems. S. 87–94.

*Maddey, Sir George:* Financial and actuarial aspects of the new British National Pensions Scheme. S. 95–105.

*Féraud, Lucien:* Sur l'estimation de la pension moyenne. S. 107–116.

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*Bombach, Gottfried:* Preisstabilität, wirtschaftliches Wachstum und Einkommensverteilung. S. 1–20.

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*Koenig, P.:* Der Beitrag der Privatassekuranz an die schweizerische Ertragsbilanz. S. 500–509.

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*Uhlmann, Werner:* Eine wahrscheinlichkeitstheoretische Begründung der Integrationsformeln von Newton-Cotes. S. 189–207.

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Vol. 13, 1959

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*Lenne, Georges*: Groupes sanguins ABO et ulcère duodéal. S. 263–274.

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N° 59, 1959

*Franckx, E.*: Sur la théorie des matrices et des inégalités linéaires. S. 23–26.

*Ledoux, H.*: Tables de mortalité de la population congolaise. S. 27–34.

*Thyrion, P.*: Sur une propriété des processus de Poisson généralisés. S. 35–46.

*Frère, M.*: Etude sur la mortalité des rentiers viagers, basée sur l'expérience 1939 à 1950, de la Compagnie Belge d'Assurances Générales sur la vie. S. 51–64.

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In 1959 nicht erschienen.

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N° 57, 1959

Nichts zu vermerken.

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39<sup>e</sup> année, 1959

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*Lambert, François*: Programmes linéaires: Méthodes et exemples. S. 7–70.

*Huyberechts, Simone*: La théorie des jeux. S. 71–90.

*Defrance, G.*: Distribution et dispersion des prix (1922–1938) et des salaires (1929 à 1938) en Belgique. S. 91–106.

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*Wampach, Jean-Pierre*: Les transformations des coefficients de fabrication dans l'agriculture belge en rapport avec les prix et les coûts de production 1936–1958. S. 473–532.

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*Debry, Robert, et Huyberechts, Simone*: Quelques aspects de la théorie des graphes. S. 29–88.

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*Teghem, J.*: L'analyse de la confluence. S. 5–34.

*Roy, B.*: Les calculs d'actualisation dans le cas de durées aléatoires. S. 35–46.

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*Fortet, R.*: L'algèbre de Boole et ses applications en recherche opérationnelles. S. 5–36.

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*Faverge, J.M.*: L'étude des comparaisons subjectives. S. 45–59.

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Band 4, Heft 2, 1959

*Engelfriet, Johannes*: Die Automatisierung eines niederländischen Lebensversicherungsunternehmens. S. 115–127.

*Sachs, Wolfgang*: Umrisse einer Theorie der Risikenauslese und der Versicherung erhöhter Risiken. S. 129–140.

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*Riesenkönig, Wolfgang:* Erzeugung lexikographisch geordneter Permutationen in Rechenautomaten. S. 209–224.

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5. Band, 1959

*Prölss, Erich R.:* Die Rückversicherung in Werken der Weltliteratur. S. 1–12.

*Bodes, Ludwig:* Verhältnis der Schäden und Verwaltungskosten zu den Beitrags-einnahmen in der Schaden- und Unfallversicherung. S. 13–40.

*Hartung, Hansrudolf:* Der Ausschluss «objektiv voraussehbarer» Haftpflichtschäden. S. 41–49.

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*Müller-Lutz, Heinz-Leo* und *Wiedemann, Josef:* Planung eines funktionsgerechten Versicherungsgebäudes. Ein theoretisch-praktischer Versuch in Zusammenarbeit von Architekten und Betriebswirten. S. 171–190.

*Rösner, Werner:* Gesundungsmaßnahmen in der Allgemeinen Haftpflichtversicherung – obligatorische Selbstbeteiligung des Versicherungsnehmers. S. 191–204.

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*Hax, Karl:* Die Betriebsunterbrechungsversicherung im internationalen Vergleich. Systematik und Materialsammlung. S. 291–411.

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*Mizushima, Kazuya:* Die genossenschaftliche Feuerversicherung nach dem Kriege in Japan. S. 447–454.

*Ohse, Peter:* Verschulden des Versicherungsnehmers bei unrichtiger Ausfüllung des Antrages durch den Vermittlungsvertreter. S. 455–463.

*Shephard, Thomas J.:* Current developments in the construction of contracts of insurance, which contain actual or alleged ambiguities. S. 465–475.

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14. Jahrgang, 1959

*Lasheras-Sanz, Antonio:* Der Einfluss des Sterblichkeitsunterschiedes der europäischen Länder auf die internationale Zusammenarbeit. S. 609–616.

*Schäfer, Hans-Willy:* Grossrechengeräte in Versicherungsbetrieben. S. 699–700.

*Vassel, Klaus:* Nichtaktivierung von Abschlussprovisionen in der Versicherungsbilanz. S. 721–722.

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*Heyn, Wolfgang*: Ein Stichprobenverfahren zur Auswahl von Haushaltungen. S. 56–61.

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*Götz, Josef*: Der Einsatz von technischen Hilfsmitteln und Maschinen aller Art (ohne elektronische Rechenanlagen) in der Statistik. S. 341–347.

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- Uhlmann, W.*: Zu einem nichtparametrischen Text von E. L. Lehmann. S. 169–185.
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- Weichselberger, K.*: Über die Parameterschätzung bei Kontingenztafeln, deren Randsummen vorgegeben sind (II). S. 198–229.
- Heumann, H.* und *Nobis, E.*: Bestimmung des durchschnittlichen und des wirtschaftlichen Materialverbrauches von Kunststoff bei Kabel- und Leitungsisolierungen. S. 230–238.
- Adam, A.*: Verteilungsmasse und Verteilungsindizes. S. 239–244.

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- Nuding, E.*: Ein Sicherheitscode für Fernschreibgeräte, die zur Ein- und Ausgabe an elektronischen Rechenmaschinen verwendet werden. S. 249.
- Bachmann, K.-H.*: Automatisches Programmieren bei Kleinrechenautomaten. S. 341.
- Heinhold, J.*: Konforme Abbildung mittels elektronischer Analogierechenanlagen. S. 369–370.
- Ludwig, Otto*: Über Erwartungswerte und Varianzen von Ranggrößen in kleinen Stichproben. S. 376.
- Nitsche, J.*: Über die numerische Integration der Poissonschen Gleichung für quadratisch integrierbare Belegungsfunktionen. S. 385.
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- Ramakrishnan, A.*: Ambigeneous stochastic processes. S. 388–390.

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Band 3, 1959

- Geppert, F.*: Allgemeine Grundsätze zur Programmierung von Digital-Rechenautomaten. S. 1–16.
- Stahlknecht, P.*: Optimale Betriebsmatrizen. S. 17–29.
- Müller, K.*: Die Profil-Rangreihenmethode zum Aufbau der Gehaltsordnung von Kaderfunktionen. S. 30–36.
- Zemanek, H.*: «Mailüfterl». S. 37–49.
- Piescho, W.*: Über einige Modelle der Absatzplanung. S. 51–69.
- Ferschl, F.*: Grundzüge des Dynamic Programming. S. 70–80.
- Klingst, A.*: Optimale Bestelltermine bei zufallsveränderlichen Lieferfristen. S. 81 bis 87.
- Rusch, E.*: Lösung eines speziellen linearen Programms, z. B. für Kostenvergleichsprobleme. S. 95–117.
- Winkel, H.*: Das Dualproblem in der linearen Planungsrechnung. S. 118–129.
- Heyn, W.*: Probleme der Signifikanzberechnung in der Marktforschung. S. 130–136.
- Solodownikow, W. W.*: Die wissenschaftlichen Grundlagen, der derzeitige Stand und die Entwicklungsperspektiven der Vollautomatisierung in der U.d.S.S.R. S. 143–171.
- Adam, A.*: Statistische Lenkungsalgorithmen. S. 172–175.

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4. Jahrgang, 1959

- Wolpert, V.*: Elektronenrechner-Ausstellung in London. S. 45.
- Herschel, Rudolf* und *Hoehl, Bernhard*: Der elektrische Analogrechner und seine Anwendung. S. 97–100 und 140–148.
- Plaut, Hans Georg*: Organisation des Rechnungswesens mit Lochkarte und Elektronik. S. 101–102 und 149–152.

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- Piloty, R.* und *Zschekel, H.*: Elektronisches Auskunftssystem über die Verfügbarkeit von Passagierplätzen im Luftverkehr. S. 6–16.
- Steinbuch, K.*: Nachrichtenverarbeitung. S. 17–19.
- Ammon, W.* und *Schneider, G.*: Beispiele zur Lösung technischer Probleme mit dem Analogrechner. S. 29–34.
- Zuse, K.*: Über den Plankalkül. S. 68–71.
- Zemanek, H.*: Die algorithmische Formelsprache ALGOL. S. 72–79 und 140–143.
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### **Elektronische Datenverarbeitung**

Folge 1–4, 1959

- Schuff, Hans Konrad*: Entwicklungstendenzen im Bereich der elektronischen Rechenanlagen. Nr. 1, S. 1–9.  
*Kettner, Karl Heinz*: Der Integrationseffekt elektronischer Datenverarbeitung. Nr. 1, S. 14–19.  
*Diebold, John*: Electronic computers – The challenge to management. Nr. 1, S. 20–23.  
*Schuff, Hans Konrad*: Die programmgesteuerte Rechenanlage X 1. Nr. 1, S. 23–31.  
*Lesemann, Klaus Jürgen*: Programmieren beim LGP 30. Nr. 1, S. 31–44.  
*Heineken, Wolfgang*: Die FORTRAN-Sprache – ein mathematisches Programmierungssystem. Nr. 1, S. 45–49.  
*Fromme, Th.*: Ein Adressierprogramm für die Z 22. Nr. 1, S. 49–52.  
*Ganzmann, Lutz*: Beispiel eines integrierten Arbeitsablaufes. Nr. 2, S. 6–13.  
*Güntsch, Fritz-Rudolf* und *Lukas, Harald*: Magnetbandrechner der Technischen Universität Berlin. Nr. 2, S. 13–46.  
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*Itzelsberger, Günther*: Die Grundlagen der Streuungserlegung. S. 13–17.

- Schreiber, W.*: Streuungsuntersuchung an zwei Rücksprung-Härteprüfgeräten. S. 17–19.
- Herrmann, Karl*: Auswertung von Vergleichsversuchen. S. 19–22.
- Stange, K.*: Über Probenahme bei Massengütern. S. 25–28.
- Kettmann, G.*: Eine auffallende Erscheinung bei den Annahme-Kennlinien von Stichproben für Attribut-Abnahme. S. 28–31.
- Gruschka, Maxim.*: Eine Methode zur überschlägigen Ermittlung der Standardabweichung. S. 43–46.
- Knayer, Manfred*: Grundsätze der Ablauf- und Planungsforschung. S. 63–68.
- Altenkirch, Friedrich*: Entwicklung und Stand der statistischen Qualitätskontrolle (SQK) in der Bundesrepublik. S. 87–89.
- Goubeaud, Fr.*: Die Verwertung von Messergebnissen zur Fertigungssteuerung. S. 90–98.
- Lang, R.*: Zur statistischen Auswertung von schiefen Verteilungen mit einer festen Grenze. S. 99–103.
- Haller-Wedel, Ernst*: Die Einflussgrößenrechnung (Korrelationsrechnung) als statistisches Hilfsmittel der Arbeitszeit-Vorgabe. S. 107–111 und 119–125.
- Jacobshagen, E., Hölz, R. und Anschütz, A.*: Ein statistisches Auswertegerät für die Qualitätskontrolle. S. 111–114.
- Hesse, Günter*: Eine rechnungsfreie Kontrollkarte für Fehler/Einheit. S. 125–128.
- Schön, Kl.*: Stichprobenpläne für Variable, Einsatz und Erfahrungen in der Textilindustrie. S. 133–139.
- Fischer, Johannes und Liebscher, Ulrich*: Funktionspapiere zur Statistischen Qualitätskontrolle. S. 139–144.

### **Bulletin trimestriel de l'Institut des Actuaire Français**

Tome 58<sup>e</sup>, 1959

- Bouthillier, J., Lemonnier, A., Rossmann*: Etude des régimes de retraite par répartition. S. 21–36.
- Fréchet, M.*: Essai d'une étude des successions de sinistres considérés comme processus stochastique. S. 67–85.
- Delaporte, P.*: Quelques problèmes de statistiques mathématiques posés par l'assurance automobile et le bonus pour non sinistre. S. 87–102.
- Depoid, P.*: Etude de la fréquence et de la bonification pour non sinistre dans un portefeuille «Tous risques modernes». S. 103–123.
- Thépaut, A.*: Aspect politique et aspect administratif du bonus pour non sinistre. S. 125–139.
- Constant, R.*: Considérations sur une loi analytique particulière de distribution des sinistres corporels dans la branche automobile, et extension de cette loi en cas de fluctuation monétaire. S. 159–218.
- Richard, P. J.*: Trois leçons de science actuarielle élémentaire (première leçon). S. 219–238.
- Delaporte, P.*: Quelques conclusions du colloque sur bonus pour non sinistre et sur la survenance des accidents d'automobiles. S. 263–272.

- Raillard, G.*: Remarque sur les assurances en cas de décès sur deux têtes. S. 273–278.  
*Aribaud, H.*: Ce que pourrait être la réglementation des régimes de retraites par répartition. S. 279–281.  
*Dubois, P.*: Mise au point relative à certaines conclusions du Colloque de Trouville. S. 283–288.  
*Fraisse, J.*: Note sur la réglementation des régimes de répartition. S. 289–295.

**Bulletin de l'Association des Actuaires Diplômés de l'Institut de Science  
Financière et d'Assurance**

26<sup>e</sup> année, 1959

- Thionet, M.*: Aperçu sur la théorie statistique des sondages. S. 5–17.  
*Lacroix, M.*: Les perspectives de développement de la statistique aux Philippines et les problèmes de formation des statisticiens. S. 19–20.  
*Barthélemy, M.*: L'évolution de la mortalité de la population française et son influence sur certains tarifs d'assurance en cas de décès. S. 21–30.  
*Sousselier, M.*: Les sinistres automobiles augmentent-ils avec l'importance de la circulation? S. 31–49.

**Population**

14<sup>e</sup> année, 1959

- Henry, Louis*: D'un problème fondamental de l'analyse démographique. S. 9–32.  
*Sauvy, Alfred*: De la prévision démographique à la prévision économique. S. 89–104.  
*Henry, Louis et Pressat, Roland*: La situation démographique. S. 105–138.  
*Biraben, J. N.*: La mortalité par accidents chez les enfants. S. 433–454.  
*Ledermann, Sully et Breas, Jean*: Les dimensions de la mortalité. S. 637–682.

**Publications de l'Institut de Statistique de l'Université de Paris**

**Mémoires et conférences sur le calcul des probabilités, la statistique  
théorique et appliquée, l'économétrie**

Vol. 7, Nos 3–4, 1958

- Schutzenberger, Paul*: A propos de l'inégalité de Fréchet-Cramer. S. 3–6.  
*Le Cam, Lucien*: Un théorème sur la division d'un intervalle par des points pris au hasard. S. 7–16.  
*Le Cam, Lucien*: Les propriétés asymptotiques des solutions de Bayes. S. 17–35.  
*Geffroy, Jean*: Contribution à la théorie des valeurs extrêmes (Première Partie). S. 38–121.

Vol. 8, Nos 1–3, 1959

- Geffroy, Jean*: Contribution à la théorie des valeurs extrêmes, 2<sup>e</sup> Partie. S. 3–65.  
*Malecot, G.*: Le problème du mouvement Brownien et ses généralisations. S. 67–75.  
*Joshi, Devi Datt*: L'information en statistique mathématique et dans la théorie des communications. S. 81–159.

- Fuchs, A.*: Sur l'inégalité de Slutsky. S. 161–163.  
*Malecot, G.*: Les modèles stochastiques en génétique de population. S. 173–210.  
*Theil, H. et Mennes, L. B. M.*: Conception stochastique de coefficients multiplicateurs dans l'ajustement linéaire des séries temporelles. S. 211–227.  
*Sklar, M.*: Fonctions de répartition à  $N$  dimensions et leurs marges. S. 229–231.  
*Thionet, P.*: Un modèle économétrique: La projection à long terme de Verdoorn. S. 233–246.

### Revue de statistique appliquée

Vol. 7, N° 1, 1959

- Ferignac, P.*: Plan d'échantillonnage pour l'inspection d'une production continue. S. 5–15.  
*Borel, G.*: Etude sur les marges à prévoir dans les lancements de fabrication pour tenir compte des déchets. S. 17–46.  
*Drillet, M.*: Comment étudier les variations de la demande en charbon à court terme dans l'industrie. S. 47–61.  
*Chartier, F.*: Le problème du collectionneur. S. 63–82.  
*Raison, J.*: Les tests non paramétriques. S. 83–106.  
*Duval, R.*: Etude graphique d'une distribution lognormale. S. 107–115.

Vol. 7, N° 2, 1959

- Riordan, John J. et Greenwood, Joseph A.*: Un programme destiné à contrôler et à assurer la qualité des produits. S. 5–26.  
*Ferignac, P.*: Contrôle de réception quantitatif ou par mesures, tables military standard 414. S. 27–31.  
– Relation entre loi de Poisson et loi de  $\chi^2$ . S. 33–35.  
*Durlach, P.*: La qualité des fournitures de produits ouvrés et d'accessoires dans une usine d'assemblage. S. 37–46.  
*Yates, F., Healy, M. J. R. et Lipton, S.*: L'analyse des expériences répétées sur calculatrice électronique. S. 47–75.  
*Delcourt, J.*: Equipement d'une station de pompage. S. 77–86.  
*Meigniez, R.*: Le test des intervalles intermaximaux. S. 87–95.  
*Wagenfuhr, Rolf*: Etude et comparaison des niveaux de vie des travailleurs des industries de la communauté européenne du charbon et de l'acier. S. 97–101.  
*Costeseque, M. et Dubasque, G.*: Les plans d'échantillonnage, un moyen pratique d'utilisation. S. 103–108.

Vol. 7, N° 3, 1959

- Kettmann, Gustav*: Comparaison des principaux systèmes de réception sur échantillons et d'un nouveau système allemand. S. 5–25.  
*Ferignac, P.*: Inspection des produits finis par la méthode des indices de qualité ou démérites. S. 27–41.  
*Borel, G.*: Exemples d'application de la méthode des indices de qualité par pondération des défauts. S. 43–54.

*Perradin, P.*: Moyens mis en œuvre à différents échelons pour se rendre compte de la qualité fournie par un groupe de production. S. 55–62.

*Gravel, C.*: Puissance appelée par la clientèle de moyenne tension. S. 63–79.

*Bastenaire, F.* et *Bastien, M.*: Essais de la communauté européenne du charbon et de l'acier de réfractaires de silice pour voûtes des fours Martin. S. 81–110.

Vol. 7, N° 4, 1959

*Bayart, Jacques*: Quelques applications du principe des moindres carrés à la prévision commerciale «dynamique». S. 17–40.

*de Guenin, Jacques*: Les fondements d'une théorie de la recherche. S. 41–71.

*Tables statistiques*: 1° Tables des lois fondamentales. 2° Tables pour les contrôles de fabrication et de réception. 3° Tables pour les tests fondamentaux dérivés de la loi normale.

### **Journal de la Société de Statistique de Paris**

100<sup>e</sup> année, 1959

*Pèpe, P.*: L'automatisation dans la préparation des documents statistiques à l'exploitation. S. 28–35.

*Vincent, L. A.*: Définition et mesure de la productivité. S. 35–46.

*Morice, E.*: Méthodes d'analyse des observations par «tout ou rien». S. 121–133.

*Croze, Marcel*: Chronique de démographie. S. 191–200.

*Bourdon, Jean*: Comptabilité sociale et méthodologie statistique. S. 201–225.

*Ledermann, Sully*: Structure factorielle des tables de mortalité. S. 245–257.

*Thionet, Pierre*: Développements récents de la théorie des sondages. S. 279–296.

### **Comptes Rendus hebdomadaires des Séances de l'Académie des Sciences**

Tome 248, 1959

*Lévy, Paul*: Un paradoxe de la théorie des ensembles aléatoires. S. 181–184.

*Kahane, Jean-Pierre*: Sur le recouvrement d'un cercle par des arcs disposés au hasard. S. 184–186.

*Pollaczek, Félix*: Fonctions de répartition relatives à un groupe de ligne téléphoniques sans dispositif d'attente. S. 353–355.

*Korezlioglu, Hayri*: Sur la prévision et le filtrage linéaires des processus discret du second ordre. S. 356–357.

*Korezlioglu, Hayri*: Extension du théorème de Pinsker. S. 523–525.

*Driml, Miloslav* et *Hans, Otto*: Trois théorèmes concernant l'expérience dans le cas continu. S. 629–631.

*Baticle, Edgar*: Le mélange des cartes par coupes successives. S. 1284–1286.

*Badrikian, Albert*: Les éléments aléatoires généralités à valeurs dans un espace vectoriel; définitions et premiers résultats. S. 1603–1605.

*Levy, Paul*: Symétrie et dissymétrie des produits de variables aléatoires. S. 1920 bis 1922.

*Ahmad, Salah*: Sur la probabilité pour qu'une série entière à coefficients aléatoires puisse être prolongée. S. 2160–2161.

- Picinbono, Bernard*: Remarques sur certaines fonctions aléatoires dérivées d'un processus de Poisson. S. 2280–2282.
- Roby, Norbert*: Sur certains processus remarquables généralisant les processus de Poisson. S. 2945–2947.
- Meyer, André*: Séparabilité d'un processus stochastique. S. 3106–3107.
- Hennequin, Paul-Louis*: Trajectoires définies par un semi-groupe d'applications d'un ensemble dans lui-même. S. 3108–3110.
- Méric, Jean*: Sur un problème de marche au hasard dans le plan. Distribution du nombre de pas. S. 3111–3113.
- Béthoux, Paul*: Filtrage d'une fonction aléatoire dont la moyenne est une fonction linéaire. S. 3685–3686.

Tome 249, 1959 <sup>1)</sup>

- Kampé de Fériet, Joseph et Frenkiel, François N.*: Estimation de la corrélation d'une fonction aléatoire non stationnaire. S. 348–351.
- Laha, Radha Govinda*: Une remarque sur les fonctions caractéristiques analytiques. S. 358–359.
- Masani, Pesi*: Sur la fonction génératrice d'un processus stochastique vectoriel. S. 360–362.
- Ruegg, Alain*: Intégration d'un ensemble de fonctions caractéristiques par rapport à un paramètre. S. 494–495.
- Masani, Pesi*: Isomorphie entre les domaines temporel et spectral d'un processus vectoriel, régulier. S. 496–498.
- Mandelbrot, Benoît*: Variables et processus stochastiques de Pareto-Lévy, et la répartition des revenus. S. 613–615.
- Masani, Pesi*: Sur les fonctions matricielles de la classe de Hardy  $H_2$ . S. 873–875 und 906–907.

**Journal of the Institute of Actuaries**

Vol. 85, 1959

- Provision for old age. The future development of the national insurance scheme. The financial structure of the proposed scheme: an abstract of the Discussion. The effect on occupational schemes of the proposals for contracting out: an abstract of the discussion. S. 14–48.
- Wood, C. F.*: The administration of the Institute of Actuaries. S. 49–56.
- Continuous mortality investigation. Enquiry into the desirability of constructing a light table of mortality. S. 57–64.
- Goodchild, W. P. and Bayley, G. V.*: Finance Act, 1958, section 28: purchase of interests in expectancy. S. 65–70.
- Carrier, N. H.*: A note on the measurement of digital preference in age recordings. S. 71–85.
- Day, J. G.*: Developments in investment policy during the last decade. S. 123–144.

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- Seal, Hilary L.*: A statistical review of the evidence for the existence of temporary selection. S. 165–193.
- Dyson, E. J. W.* and *Elphinstone, M. D. W.*: The expenses of British life offices. S. 211–226.
- Ogborn, M. E.* and *Storr-Best, R. H.*: Arthur Morgan's mortality experience. S. 300 bis 309.
- Westcott, J. A.* and *Smith, E. M.*: The valuation of annuity business. S. 321–355.
- Benjamin, S.*: The theory of games and its application to rate of interest. S. 373 bis 412.
- Martin, L. V.*: The recent trend of mortality in Great Britain. S. 438–443.
- Continuous mortality investigation. Immediate single life annuities for term certain and life thereafter: 1948–56 experience. S. 444–450.

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Im Jahre 1959 keine weiteren Hefte erschienen.

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Vol. 26, Nos. 198–200, 1959

- «Provision for old age». Discussion. S. 25–49.
- Investment trust organisation and management. Discussion. S. 50–68.
- Webster, Andrew C.*: Selection of risks. American viewpoint and practice. S. 69–91.
- Barnett, H. A. R.*: Population mortality and assured lives' mortality in Great Britain. A comparison of trends. S. 115–119.
- Note on the calculation of with-profit endowment assurance premiums by a programme controlled computer. S. 120–121.
- Continuous mortality investigation. «Light» tables of mortality. S. 122–131.
- Gwilt, G. D.* and *Philip, G. C.*: Application of computers to group schemes. S. 133 bis 179.
- Britt, Kenneth J.*: Trends in industrial assurance. S. 200–224.
- Hayward, R. E.*: Note on industrial assurance lapse rates. S. 254–256.
- National pensions. Copies of three memoranda and booklet entitled «national pensions. An appeal to statesmanship» prepared by the councils of the Faculty and the Institute of Actuaries. S. 259–315.

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Publication of the Astin Section of the Permanent Committee for International Actuarial Congresses

Vol. 1, Part 2, 1959

- Ammeter, H.*, *Depoid, P.* and *de Finetti, B.*: L'étude mathématique des assurances non viagères dans l'Europe. S. 46–70.
- Philipson, Carl*: A method for the estimation of risk premiums in stop loss re-insurance. S. 71–77.

**Journal of the Royal Statistical Society, Series A (General)**

Vol. 122, 1959

- Lydall, H. F.*: The long-term trend in the size distribution of income. S. 1–37.  
*Pearson, E. S.*: Report of the Committee on the supply of and demand for statisticians. S. 47–67.  
*Dicks-Mireaux, L. A.* and *Dow, J. C. R.*: The determinants of wage inflation: United Kingdom, 1946–56. S. 145–174.  
*Lomax, K. S.*: Production and productivity movements in the United Kingdom since 1900. S. 185–210.  
*Hollingsworth, T. H.*: Using an electronic computer in a problem of medical diagnosis. S. 221–231.  
*Bartholomew, D. J.*: Note on the measurement and prediction of labour turnover. S. 232–239.  
*Armitage, P.*: The comparison of survival curves. S. 279–292.  
*Thomdson, W. E.*: ERNIE. A mathematical and statistical analysis. S. 301–324.  
*Cramer, J. S.*: Private motoring and the demand of Petrol. S. 334–347.

**Journal of the Royal Statistical Society, Series B (Methodological)**

Vol. 21, 1959

- Winsten, C. B.*: Geometric distributions in the theory of queues. S. 1–22.  
*Cane, Violet R.*: Behaviour sequences as semi-Markov chains. S. 36–49.  
*Bennet, B. M.*: On a multivariate version of Fieller's theorem. S. 59–62.  
*Vagholkar, M. K.*: The process curve and the equivalent mixed binomial with two components. S. 63–66.  
*Mallows, C. L.*: The information in an experiment. S. 67–72.  
*James, G. S.*: The Behrens-Fisher distribution and weighted means. S. 73–90.  
*Sargan, J. D.*: The estimation of relationships with autocorrelated residuals by the use of instrumental variables. S. 91–105.  
*Nasr, S. K.*: On some problems of machine interference. S. 106–113.  
*Bhat, B. R.*: On the distribution of various sums of squares in an analysis of variance table for different classifications with correlated and non-homogeneous errors. S. 114–119.  
*Barton, D. E.* and *David, F. N.*: Contagious occupancy. S. 120–133.  
*Bodmer, W. F.*: The limiting frequencies of integers with a given partitional characteristic. S. 134–143.  
*Mercer, A.*: Some simple duration-dependent stochastic processes. S. 144–152.  
*Finch, P. D.*: Cyclic queues with feedback. S. 153–157.  
*Aitchison, J.*: A statistical theory of remnants. S. 158–168.  
*Lomnicki, Z. A.* and *Zaremba, S. K.*: Bandwidth and resolvability in statistical spectral analysis. S. 169–171.  
*Jones, R. Morley*: On a property of incomplete blocks. S. 172–179.  
*Cox, D. R.*: A renewal problem with bulk ordering of components. S. 180–189.

- Barton, D. E. and David, F. N.:* The dispersion of a number of species. S. 190–194.
- Cox, D. R. and Brandwood, L.:* On a discriminatory problem connected with the works of Plato. S. 195–200.
- Quenouille, M. H.:* Experiments with mixtures. S. 201–202.
- Maurice, Rita J.:* A different loss function for the choice between two populations. S. 203–213.
- Sampford, M. R. and Taylor, J.:* Censored observations in randomized block experiments. S. 214–237.
- Barnard, G. A.:* Control charts and stochastic processes. S. 239–257.
- Keifer, J.:* Optimum experimental designs. S. 272–304.
- Miller, Rupert G., jr.:* A contribution to the theory of bulk queues. S. 320–337.
- Zoutendijk, G.:* Maximizing a function in a convex region. S. 338–355.
- Sarhan, A. E. and Greenberg, B. G.:* Estimation of location and scale parameters for the rectangular population from censored samples. S. 356–363.
- Page, E. S.:* The distribution of vacancies on a line. S. 364–374.
- Finch, P. D.:* The output process of the queueing system M/G/1. S. 375–380.
- Howie, A. J. and Shenton, L. R.:* The efficiency of automatic winding machines with constant patrolling time. S. 381–395.
- Williams, E. J.:* The comparison of regression variables. S. 396–399.
- Wetherill, G. B.:* The most economical sequential sampling scheme for inspection by variables. S. 400–408.
- Laubscher, N. F.:* Note on Fisher's transformation of the correlation coefficient. S. 409–410.
- Cox, D. R.:* The analysis of experimentally distributed life-times with two types of failure. S. 411–421.

### Applied Statistics

Vol. 8, 1959

- Newbery, Geoffrey:* Some aspects of quality control in cotton textiles. S. 1–12.
- Freeman, G. H.:* The use of the same experimental material for more than one set of treatments. S. 13–20.
- Ward, Denis H.:* Elimination of bias in the preliminary examination of data. S. 21–25.
- Ehrenberg, A. S. C.:* The pattern of consumer purchases. S. 26–41.
- Banerjee, K. S.:* Choice of conversion factor in the derivation of an index of a discontinued series. S. 42–44.
- Rosenbaum, Sidney:* A significance chart for percentages. S. 45–52.
- Belson, William A.:* Matching and prediction on the principle of biological classification. S. 65–75.
- Hill, I. D., Horsnell, Gareth and Warner, Bernard T.:* Deferred sentencing schemes. S. 76–91.
- Gray, Percy G. and Parr, Elizabeth A.:* The length of cigarette stubs. S. 92–103.
- Ward, Denis H.:* The use of edge-punched cards in statistical computation. S. 104 bis 113.

- Kemsley, W. F. F.*: Designing a budget survey. S. 114–123.
- Page, E. S.*: Pseudo-random elements for computers. S. 124–131.
- James, John S.*: A statistical approach to stores auditing. S. 145–157.
- Ma, Ronald*: The age structure of quoted public companies. S. 158–167.
- Ashford, John R.*: A problem of subjective classification in industrial medicine. S. 168–185.
- Ehrenberg, A. S. C. and Shewan, J. M.*: A reliability study of sensory assessments. Part I. S. 186–195.
- Chisholm, Michael*: Shipping costs and the terms of trade: Australia and New-Zealand. S. 196–201.
- Ward, Denis H.*: Weekly, monthly, and quarterly tolerances for coke quality. S. 202–209.
- Hamaker, Hugo C.*: Adjusting single sampling plans for finite lot size. S. 210–214.

### **Biometrika**

Vol. 46, 1959

- Smith, Walter L.*: On the cumulants of renewal processes. S. 1–29.
- Mercer, A. and Smith, C. S.*: A random walk in which the steps occur randomly in time. S. 30–35.
- Bartholomew, D. J.*: A test of homogeneity for ordered alternatives. S. 36–48.
- Rao, C. Radhakrishna*: Some problems involving linear hypotheses in multivariate analysis. S. 49–58.
- Lawley, D. N.*: Tests of significance in canonical analysis. S. 59–66.
- Phillips, A. W.*: The estimation of parameters in systems of stochastic differential equations. S. 67–76.
- Box, G. E. P. and Lucas, H. L.*: Design of experiments in non-linear situations. S. 77–90.
- Biggers, J. D.*: The estimation of missing and mixed-up observations in several experimental designs. S. 91–105.
- Darwin, J. H.*: Note on a three-decision test for comparing two binomial populations. S. 106–113.
- Srivastava, A. B. L.*: Effect of non-normality on the power of the analysis of variance test. S. 114–122.
- David, F. N.*: The  $z$ -test and symmetrically distributed random variables. S. 123 bis 129.
- Bhate, D. H.*: Approximation to the distribution of sample size for sequential tests. I. Tests of simple hypotheses. S. 130–138.
- David, H. A.*: Tournaments and paired comparisons. S. 139–149.
- Saw, J. G.*: Estimation of the normal population parameters given a singly censored sample. S. 150–159.
- Pillai, K. C. Sreedharan and Samson, Pablo, jr.*: On Hotelling's generalization of  $T^2$ . S. 160–168.
- Barraclough, Elizabeth D. and Page, E. S.*: Tables for Wald tests for the mean of a normal distribution. S. 169–177.

- Quenouille, M. H.*: Tables of random observations from standard distributions. S. 178–202.
- Pearson, E. S.*: Note on Mr Quenouille's Edgeworth Type A transformation. S. 203 bis 204.
- Levine, Jack*: Monomial-monomial symmetric function tables. S. 205–213.
- Kimball, A. W.* and *Leach, E.*: Approximate linearization of the incomplete  $\beta$ -function. S. 214–218.
- Barton, D. E.* and *David, F. N.*: Sequential occupancy. S. 218–223.
- Ramasubban, T. A.*: The generalized mean differences of the binomial and Poisson distributions. S. 223–229.
- Leslie D. C. M.*: Determination of parameters in the Johnson system of probability distributions. S. 229–231.
- Lloyd, D. E.*: Note on a problem of estimation. S. 231–235.
- Sankaran, Munuswamy*: On the non-central chi-square distribution. S. 235–237.
- Pillai, K. C. Sreedharan* and *Bantegui, Celia G.*: On the distribution of the largest of six roots of a matrix in multivariate analysis. S. 237–240.
- Somers, Robert H.*: The rank analogue of product-moment partial correlation and regression, with application to manifold, ordered contingency tables. S. 241–246.
- Conolly, B. W.*: The busy period in relation to the queueing process GI/M/1. S. 246–251.
- Mitton, R. G.* and *Morgan, F. R.*: The design of factorial experiments: a survey of some schemes requiring not more than 256 treatment combinations. S. 251–259.
- Clemans, Kermit G.*: Confidence limits in the case of the geometric distribution. S. 260–264.
- Patterson, H. D.* and *Lipton, S.*: An investigation of Hartley's method for fitting an exponential curve. S. 281–292.
- Hartley, H. O.*: The efficiency of internal regression for the fitting of the exponential regression. S. 293–295.
- Shenton, L. R.*: The distribution of moment estimators. S. 296–305.
- Durbin, J.*: Efficient estimation of parameters in moving-average models. S. 306 bis 316.
- Miles, R. E.*: The complete amalgamation into blocks, by weighted means, of a finite set of real numbers. S. 317–327.
- Bartholomew, D. J.*: A test of homogeneity for ordered alternatives. II. S. 328–335.
- Darroch, J. N.*: The multiple-recapture census. II. Estimation when there is immigration or death. S. 336–351.
- Johnson, N. L.*: On an extension of the connexion between Poisson and  $\chi^2$  distributions. S. 352–363.
- Pearson, E. S.*: Note on an approximation to the distribution of non-central  $\chi^2$ . S. 364.
- Nass, C. A. G.*: The  $\chi^2$  test for small expectations in contingency tables, with special reference to accidents and absenteeism. S. 365–385.
- Jowett, G. H.* and *Wright, Wendy M.*: Jump analysis. S. 386–399.
- Heathcote, C. R.* and *Moyal, J. E.*: The random walk (in continuous time) and its application to the theory of queues. S. 400–411.

- Darwin, J. H.*: Note on the comparison of several realizations of a Markoff chain. S. 412–419.
- Haight, Frank A.*: Overflow at a traffic light. S. 420–424.
- Goodman, Leo A.*: Partial tests for partial taus. S. 425–432.
- Bose, R. C. and Gupta, Shanti S.*: Moments of order statistics from a normal population. S. 433–440.
- Crow, Edwin L. and Gardner, Robert S.*: Confidence intervals for the expectation of a Poisson variable. S. 441–453.
- Gabriel, K. R.*: The distribution of the number of successes in a sequence of dependent trials. S. 454–460.
- Pachares, J.*: Table of the upper 10% points of the Studentized range (accompanied by revised tables of 5% and 10% points). S. 461–466.
- Pillai, K. C. S. and Tienzo, Benjamin P.*: On the distribution of the extreme Studentized deviate from the sample mean. S. 467–472.
- Pillai, K. C. S.*: Upper percentage points of the extreme Studentized deviate from the sample mean. S. 473–474.
- van Elteren, Ph. and Noether, G. E.*: The asymptotic efficiency of the  $\chi^2_r$ -test for a balanced incomplete block design. S. 475–477.
- Durbin, J.*: A note on the application of Quenouille's method of bias reduction to the estimation of ratios. S. 477–480.
- Mallows, C. L.*: On the probability integral transformation. S. 481–483.
- Bush, K. A. and Olkin, I.*: Extrema of quadratic forms with applications to statistics. S. 483–486.
- Khatri, C. G.*: On certain properties of power-series distributions. S. 486–490.

### **Proceedings of the Cambridge Philosophical Society**

Vol. 55, 1959

- Bartlett, M. S.*: Cumulants of some distributions arising from a two-state Markoff chain. S. 273–276.

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Vol. 21, 1959

- Ball, R. J., Hazlewood, A. and Klein, L. R.*: Econometric forecasts for 1959. S. 3–16.
- Eels, F. R., Hazlewood, A. D., Knowles, K. G. J. C. and Winsten, C. B.*: Innovation and automation: A discussion based on case studies. S. 131–208.

### **Data Processing**

Vol. 1, 1959

- Joung, P. L.*: The computing service. S. 4–9.
- Automatic reading. S. 10–17.
- The universal language of computing. S. 18–20.
- Johnson, M. H.*: How an electronic digital computer calculates. S. 21–25.
- Glennie, A. E.*: Automatic programming. S. 26–29.

- McPhie, A. A.*: Wage accounting and labour costing. S. 44–53.  
High-speed printing. S. 54–57.  
*Joung, R. E.*: Industrial inspection. S. 60–64.  
*Williams, Q. H.*: For those thinking about installing a computer. S. 66–68.  
*Barnes, P. G.*: A computer in a commercial organization. S. 69–73.  
Producing 750 000 quarterly bills. S. 74–82.  
*Jolley, J. L.*: Punched feature cards. S. 86–93.  
Leo in action as a sales administrator. S. 94–105.  
A machine that learns from experience. S. 106–112.  
*Davison, J. F.*: Filing business data on magnetic tape. S. 113–119.  
Rapid production of commercial documents. 120–127.  
*Mansell, V. H.*: Classifying information. S. 128–130.  
*Greensmith, D. S.*: Creating a comprehensive data processing system. S. 132–136.  
*Wyatt, J. K.*: Prediction by computer. S. 137–141.  
Visual data instantaneously. S. 142–147.  
How raleigh industries administer 250 000 credit-sale accounts. S. 148–157.  
Robot bank clerks. S. 158–167.  
*Paine, R. M.*: Transferring work to a computer. S. 168–169.  
Numbers into graphs—and vice-versa. S. 170–175.  
Controlling production by computer. S. 176–189.  
Edge-punched cards. S. 190–196.  
Accounting machine plus paper tape punch. S. 198–203.  
Automatic selection and reproduction of industrial documents. S. 204–211.  
Magnetic tape. S. 212–221.  
Accurate copy typing at 100 words a minute. S. 222–227.  
350 invoices a day and statistics. S. 228–237.  
Continuous stationery for data processing. S. 238–246.  
A mechanical filing system. S. 247–249.  
Job costing. S. 250–257.  
Transistors. S. 258–262.

### **Sankhyā: The Indian Journal of Statistics**

Vol. 20, 1958

- James, G. S.*: On moments and cumulants of systems of statistics. S. 1–30.  
*East, D. A.* and *Oschinsky, L.*: A comparison of serological and somatometrical methods used in differentiating between certain east African racial groups, with special reference to  $D^2$  analysis. S. 31–68.  
*Mahalanobis, P. C.*: Science and national planning. S. 69–106.  
*Haldane, J. B. S.*: The scope of biological statistics. S. 195–206.  
*Bahadur, R. R.*: Examples of inconsistency of maximum likelihood estimates. S. 207–210.

- Rao, C. Radhakrishna*: Maximum likelihood estimation for the multinomial distribution with infinite number of cells. S. 211–218.
- Varadarajan, V. S.*: A remark on strong measurability. S. 219–220.
- Varadarajan, V. S.*: A useful convergence theorem. S. 221–222.
- Basu, D.*: On statistics independent of sufficient statistics. S. 223–226.
- Atiqullah, M.*: On configurations and non-isomorphism of some incomplete block designs. S. 227–248.
- Sengupta, J. M.* and *Bhattacharya, Nikhilesh*: Tables of random normal deviates. S. 249–286.
- Basu, D.*: On sampling with and without replacement. S. 287–294.
- Gupta, H. C.*: Diffusion by discrete movements. S. 295–308.
- Kudó, A.*: On the distribution of the maximum value of an equally correlated sample from a normal population. S. 309–316.
- Kamat, A. R.*: Hypergeometric expansions for incomplete moments of the bivariate normal distribution. S. 317–320.
- Kamat, A. R.*: Incomplete moments of the trivariate normal distribution. S. 321–322.
- Talacko, Joseph*: A note about a family of Perk's distribution. S. 323–328.
- Mahalanobis, P. C.*: Recent experiments in statistical sampling in the Indian Statistical Institute. S. 329–397.

Vol. 21, 1959

- Mathew, N. T.*: Relation between stature and blood group among Indian soldiers. S. 1–90.
- Narayana, T. V.*: A partial order and its applications to probability theory. S. 91 bis 98.
- Moran, P. A. P.*: Random processes in economic theory and analysis. S. 99–126.
- Banerjee, Saibal Kumar*: Expressions for the lower bound to confidence coefficients. S. 127–140.
- Poti, S. J., Raman, M. V., Biswas, S.* and *Chakraborty, B.*: A Pilot Health Survey in West Bengal, 1955. S. 141–204.
- Som, Ranjan Kumar* and *Das, Nitai Chandra*: On recall lapse in infant death reporting. S. 205–208.
- Haldane, J. B. S.*: The analysis of heterogeneity. I. S. 209–216.
- Barankin, Edward W.* and *Katz, Melvin, jr.*: Sufficient statistics of minimal dimension. S. 217–246.
- Basu, D.*: The family of ancillary statistics. S. 247–256.
- Guttman, Louis*: Metricizing rank-ordered or unordered data for a linear factor analysis. S. 257–268.
- Konijn, H. S.*: Positive and negative dependence of two random variables. S. 269 bis 280.
- Walsh, John E.*: Definition and use of generalized percentage points. S. 281–288.
- Sethuraman, J.* and *Sukhatme, B. V.*: Joint asymptotic distribution of  $U$ -statistics and order statistics. S. 289–298.
- Nanjamma, N. S., Murthy, M. N.* and *Sethi, V. K.*: Some sampling systems providing unbiased ratio estimators. S. 299–314.



- Chakravarti, I. M. and Rao, C. Radhakrishna*: Tables for some small sample tests of significance for Poisson distributions and  $2 \times 3$  contingency tables. S. 315–326.
- Rao, C. Radhakrishna*: Expected values of mean squares in the analysis of incomplete block experiments and some comments based in them. S. 327–336.
- Mitra, Sujit Kumar*: Some remarks on the missing plot analysis. S. 337–344.
- Bailey, Norman T. J.*: The use of linear algebra in deriving prime power factorial designs with confounding and fractional replication. S. 345–354.
- Rao, B. Raja*: Properties of the invariant  $I_m$  ( $m$ -odd) for distributions admitting sufficient statistics. S. 355–362.
- Ihm, Peter*: Numerical evaluation of certain multivariate normal integrals. S. 363 bis 366.
- John, S.*: On the evaluation of the probability integral of a multivariate normal distribution. S. 367–370.
- John, S.*: The distribution of Wald's classification statistic when the dispersion matrix is known. S. 371–376.
- Bhattacharya, Nikhilesh*: An extension of Hald's table for the one-sided censored normal distribution. S. 377–380.
- Murthy, M. N. and Nanjamma, N. S.*: Almost unbiased ratio estimates based on interpenetrating sub-sample estimates. S. 381–392.
- Banerjee, K. S.*: Precision in the construction of cost of living index numbers. S. 393–400.
- v. Hofsten, Erland*: Price indexes and sampling. S. 401–403.

### Calcutta Statistical Association, Bulletin

Vol. 8, No. 32, 1959

- Chatterjee, Shoutir Kishore*: On an extension of Stein's two-sample procedure to the multi-normal problem. S. 121–148.
- Derksen, J. B. D.*: Construction of index numbers of foreign trade: some comments. S. 149–158.
- Chanda, K. C.*: On some simplification in the construction of similar regions. S. 159–161.
- Khatri, C. G.*: On conditions for the forms of the type  $X'AX$  to be distributed independently or to obey Wishart distribution. S. 162–168.

Vol. 9, Nos. 33–34, 1959

- Sen, Pranab Kumar*: On the moments of the sample quantiles. S. 1–19.
- Chatterjee, Shoutir Kishore*: Some further results on the multinormal extension of Stein's two-sample procedure. S. 20–28.
- Proceedings of the statistics section: Forty-sixth Indian Science Congress. S. 29 bis 45.
- Bose, P. K.*: Method of standardisation of group tests. S. 46–58.
- Som, Ranjan Kumar*: Self-weighting sample design with an equal number of ultimate stage units in each of the selected penultimate stage units. S. 59–66.

- Rao, Damaraju Raghava*: A note on the construction of group divisible designs from hyper graeco latin cubes of the first order. S. 67-70.  
Estimation of mean by an auxiliary variable. S. 71-73.

### **Giornale dell'Istituto Italiano degli Attuari**

Anno 21, 1958

- Zwinggi, Ernst*: Sui metodi che si possono usare per il calcolo dei premi, delle riserve e degli utili nell'assicurazione sulla vita. S. 1-12.  
*Tedeschi, Bruno*: Su di un indice atto a misurare la variazione nel tempo della mortalità di una collettività. S. 13-19.  
*Smolensky, Pietro*: L'assicurazione sulla vita come fattore anticiclico. S. 20-26.  
*Coppini, Mario Alberto*: Una importante esperienza italiana sulla eliminazione delle rendite derivanti da infortunio. S. 27-38.  
*Daboni, Luciano*: Ancora sul problema del rinnovamento. S. 39-56.  
*Tedeschi, Bruno*: Sull'investimento «ottimo» dal punto di vista della matematica finanziaria. S. 57-71.  
*Picone, Mauro*: Discorso introduttivo alle riunioni del Seminario attuariale, dedicate alle macchine elettroniche, tenuto il 20 novembre 1958. S. 72-74.  
*Aparo, Enzo*: Possibilità scientifiche delle calcolatrici elettroniche automatiche. S. 75-87.  
*de Finetti, Bruno*: Gli impianti elettronici e la loro applicazione in campo assicurativo. S. 88-96.  
*Maurry, Henri*: Les ensembles électroniques à grande puissance et l'organisation générale des entreprises. S. 97-105.  
*Viesi, Dino*: Criteri organizzativi per la introduzione degli elaboratori nel lavoro d'ufficio. S. 106-113.

Anno 22, 1959

- Zwinggi, Ernst*: Calcolo delle riserve e automazione. S. 1-10.  
*Ottaviani, Giuseppe*: Sulla risoluzione di un'equazione integrale, dovuta al Cantelli, relativa alla statistica matematica. S. 11-39.  
*Gulotta, Beniamino*: Estensione di un teorema del Khintchine sul dominio d'attrazione della legge normale. S. 40-58.  
*Tedeschi, Bruno*: Sul resto delle formule di quadratura «migliorate». S. 59-78.  
*Pistoia, Angelo*: Una osservazione sulle funzioni caratteristiche. S. 79-81.  
*Emanuelli, Filippo*: Sulla determinazione della probabilità e dell'intensità di transvariazione tra due variabili casuali nel caso che queste seguano una legge di distribuzione dovuta all'Edgeworth. S. 82-92.  
*Tortorici, Paolo*: Su un teorema relativo alle «probabilità zero e uno». S. 93-98.  
*Bodoni, Giordano*: Sullo squilibrio caratteristico del bilancio tecnico vita. S. 99-105.  
*Cacciafesta, Remo*: Sulla ripartizione dei rischi tra compagnie di assicurazione. S. 106-128.  
*Tortorici, Paolo*: L'influenza sulle assicurazioni su due teste di una interdipendenza fra le probabilità di morte. S. 129-145.

**Giornale di Matematica Finanziaria**

Nicht erschienen.

**Quaderni dell'Istituto per gli studi assicurativi, Trieste**

Im Jahre 1959 kein Heft erschienen.

**Metron**

Vol. 19, N° 3-4, 1959

- Gini, Corrado*: Mathematics in statistics. S. 3-9.  
*Austin, Thomas L., jr.*: An approximation to the point of minimum aggregate distance. S. 10-21.  
*Benedetti, Carlo*: Di alcuni criteri di decisione statistica basati sulla soluzione di problemi di minima distanza. S. 22-37.  
*Georgescu-Roegen, Nicholas*: On the extrema of some statistical coefficients. S. 38 bis 45.  
*Gini, C. e Sonnino, G.*: Alcune semplici formule utili per il calcolo del valore mediano e del valore divisorio. S. 46-91.  
*Herzel, Amato*: Sulla determinazione delle mediane di distribuzioni raggruppate in classi. S. 92-109.

**Giornale degli Economisti e Annali di Economia**

Anno 18 (Nuova Serie) 1959

- Graziani, A.*: Teorie e modelli di sviluppo economico. S. 38-69.  
*Panizzon, G.*: Il coefficiente di correlazione lineare multipla generalizzata. S. 81 bis 101.  
*Zaccagnini, E.*: Sulle condizioni sufficienti di massimo simultaneo. Addenda. S. 102 bis 107.  
*Garegnani, P.*: La misurazione del capitale nella teoria ricardiana del valore e della distribuzione. S. 117-147.  
*Dellacasa, D. Cremona*: Note sulla curva di offerta. S. 179-190.  
*Demaria, G.*: Nuove annotazioni alla teoria marxista dei prezzi di produzione. S. 252-267.  
*Giardina, B.*: Introduzione alla teoria delle decisioni statistiche. S. 268-290 und S. 449-464.  
*Santacroce, G.*: Intorno alle distribuzioni binomiali ad esponente negativo. S. 358 bis 372.  
*Troisi, M.*: Di alcuni caratteri e aspetti dell'economia dei trasporti. S. 406-426.  
*Anderson, M.*: Di una teoria generalizzata di correlazione bivariata. S. 426-448.  
*Brambilla, F.*: La variabilità. S. 491-512.  
*Gola, G.*: Nuovi criteri di economia del benessere di fronte ad un teorema finanziario. S. 513-529.

## Het Verzekerings-Archief

Band 36, 1959

### *Allgemeiner Teil*

- Campagne, C.*: Enige aspecten met betrekking tot het solvabiliteitsvraagstuk in het schadeverzekeringsbedrijf. S. 4–30.
- Longley-Cook, L. H.*: The use of deductible coverages on property insurance in the United States. S. 50–55.
- Visser, Tj. S.*: Fiscale aforismen. S. 56–62.
- Engelfriet, J.*: Automatisering der verzekeringsadministratie. S. 80–99.
- Schlette, J. A.*: De omzetting van een naamloze vennootschap in een onderlinge maatschappij bij levensverzekeringmaatschappijen in Canada. S. 114–127.
- Drion, H.*: Het bewijs van de verzekeringsovereenkomst. S. 149–159.
- Zijp, L.*: Winst- en verliespunten voor het verzekeringsbedrijf in verband met de nieuwe belastingontwerpen. S. 160–170.
- de Jongh, B. H.*: Minimum – solvabiliteitsnormen. S. 171–177.
- Houtzager, D.*: Enkele perioden uit de geschiedenis der levensverzekering. S. 178–204.
- Glasz, Ch.*: Waardevastе verzekeringen. S. 220–240.
- Postma, D. G.*: Discriminatie en gemeenschappelijke markt. S. 241–252.

### *Versicherungsmathematische Beilage*

- Campagne, C.*: Quelques considérations sur la probabilité de «ruine» du point de vue discontinue. S. 1\*–15\*.
- Rufener, E.*: Gruppen gemischter Versicherungen festen Schlussalters mit parabolischem Reserveverlauf. S. 16\*–36\*.
- van Rooijen, J. P.*: Graduation by means of Bernstein polynomials. S. 39\*–45\*.
- van Klinken, J.*: Estimation of transition probabilities. S. 46\*–53\*.
- Balk, W.*: On a generalised curve of growth. S. 61\*–68\*.
- van Klinken, J.*: The  $\chi^2$ -minimum method in the case of Poisson-variables. S. 69\* bis 75\*.

## Statistica

13. Jahrgang, 1959

- Levert, C.*: Een nomogram voor betrouwbaarheids grenzen van quantielen en overschrijdingskansen bij normaal verdeelde grootheden. S. 1–14.
- Receptuur: Mean and variance of a function of two variables. S. 31–33.
- Hamaker, H. C.*: Attributenkeuring in theorie en praktijk. S. 37–58.
- Goudswaard, G.*: Internationale statistieken. S. 59–64.
- Theil, H. and Kloek, T.*: The statistics of systems of simultaneous economic relations. S. 65–89.
- van der Putten, A. en Swaagman, H. C.*: Enkele opmerkingen over de intensiteit van lokaal berichtenverkeer. S. 91–100.
- van Ettinger, J.*: Produktiviteit en Statistiek. S. 111–114.
- Nanninga, H. G. C.*: De meting van de produktiviteit. S. 115–141.

- Sittig, J.*: Produktiviteitsverhoging op grote schaal: Maatnormalisatie van kleding. S. 155–169.
- Veen, B.*: Het optimaliseren van vertakte bemonsteringsschema's. S. 171–186.
- Hoeflake, G. J.*: De statistiek van de Militair Geneeskundige Dienst. S. 187–196.
- Bol, M., Gerritsen, A. G. en van Soest, J.*: Verhoging van de arbeidsproductiviteit in de bosbouw door rationalisatie-onderzoek. S. 197–202.
- Nanninga, H. G. C.*: Enige literatuur over produktiviteitsmeting. S. 203–206.
- Somermeijer, W. H.*: Econometrische produktiviteitsanalyses. S. 207–213.
- de Wolff, P.*: Produktiviteitsverhoging bij accountantscontrole door toepassing van gelaagde steekproeven. S. 215–232.
- Barten, A. P.*: Het statistische verband tussen arbeidsproductiviteit en productie. S. 233–242.
- van Hees, R. en van den Meerendonk, H. W.*: Optimale hoeveelheid machinegereedschap. S. 243–248.
- Wiggers, B. G.*: Efficiency in de statistiek. S. 261–280.
- Moroney, M. J.*: Efficiency by statistics. S. 281–294.
- Kuiper, N. H.*: Een symbool voor isomoor. S. 295–317.
- Boot, W. J.*: Wat doen wij in een bedrijf met statistiek? S. 321–322.
- Doornbos, R.*: Efficiënte gewichtscontrole van pakjes margarine. S. 323–328.
- van Maare, J.*: Omvang chauffeursploeg en het rijtijdenbesluit. S. 329–338.
- Fortuin, G. J.*: Wachtijden van patiënten. S. 339–346.
- Bol, M. en Gerritsen, A. G.*: Rationalisatie-onderzoek in de bosbouw. S. 347–351.
- Nanninga, H. G. C.*: Bedrijfsvergelijking als efficiencymeter. S. 353–354.
- ten Have, O.*: Onderlinge omzetvergelijking. S. 355–362.
- Goudswaard, G.*: Efficiency en economische statistiek. S. 363–379.
- Klaassen, L. H.*: Efficiency-onderzoek met behulp van statistische methoden. S. 381 bis 388.
- Sittig, J.*: Rationele normalisatie. S. 389–394.
- Huitsma, A.*: Monte Carlo en nabootsing. S. 395–406.
- Steyn, H. S.*: On  $\chi^2$ -tests for contingency tables of negative multinomial types. S. 433–444.
- Fabius, J.*: Stochastische approximatie. S. 445–452.
- Doornbos, R.*: Stochastische methoden voor het aanwijzen van uitbijters. S. 453 bis 462.
- Receptuur: De symmetrietoets van Wilcoxon indien «gelijken» optreden. S. 463 bis 464.
- Selectuur: De oorsprong van de naam «Latijns Vierkant». S. 465–466.
- Derksen, J. B. D.*: Het Indian Statistical Institute te Calcutta. Organisatie en werkprogramma. S. 469–475.
- Somermeijer, W. H.*: Inleiding tot de tabelkunde. S. 477–485.
- van Hees, R. N. en van den Meerendonk, H. W.*: Optimale betrouwbaarheid van parallelle meervoudige systemen. S. 487–501.
- Steutel, F. W.*: De invloed van een prioriteitsregeling op de gemiddelde wachttijd. S. 503–513.

**Revue de l'Institut International de Statistique**

Vol. 26, 1958

- Darmois, G.*: La trente et unième session de l'Institut International de Statistique. S. 1–4.
- Wold, H. O. A.*: A case study of interdependent versus causal chain systems. S. 5–25.
- Fréchet, M.*: Sur la portée pratique de la convergence presque certaine. S. 26–28.
- Konüs, A. A.*: Consumer price indexes and demand functions. S. 29–36.
- Hooper, J. W.* and *Theil, H.*: The extension of Wald's method of fitting straight lines to multiple regression. S. 37–47.
- Boyarsky, A. Y.*: An experiment in the theory of a census with control rounds. S. 48–55.

Vol. 27, 1959

- Rice, Stuart A.*: The Inter American Statistical Institute at age nineteen. S. 1–7.
- Thionet, P.*: L'ajustement des résultats des sondages sur ceux des dénombrements. S. 8–25.

**Zeitschrift für moderne Rechentechnik und Automation (MTW)**

6. Jahrgang, 1959

- Knödel, Walter*: Datenverarbeitung in Betrieben und Verwaltungsdienststellen. S. 3–4.
- Pfanzagl, J.*: Grundlagen der Einsatz-Ausstoss (Input-Output) Analyse. S. 5–9.
- Zemanek, H.*: Wesen und Grenzen des Automaten. S. 9–16.
- Tremmel, R.*: Der Einsatz datenverarbeitender Maschinen im Büro. S. 49–52.
- Schumann, W. Th.*: Probleme der Wirtschaftlichkeit beim Einsatz von Lochkartenanlagen. S. 85–88.
- Knödel, Walter*: Zahlssysteme und Zahlzeichen sowie ihre Verschlüsselung in Rechenanlagen und Büromaschinen. S. 89–92 und 147–151.
- Kleiner, W.*: Die Einsatzmöglichkeiten einer Lochkartenanlage im Versicherungsbetrieb. S. 129–131.
- Vajda, St.*: Der gegenwärtige Stand der Planungsmathematik. S. 132–133.
- Zemanek, Heinz*: Zukünftige Technik und Anwendung elektronischer Rechenmaschinen. Überlegungen und Bemerkungen nach der Pariser Tagung. S. 133 bis 137.
- Knödel, Walter*: Wo liegen die Grenzen des mathematischen Einsatzes elektronischer Rechenanlagen? Eine Betrachtung aus Anlass der Pariser Konferenz über Informationsverarbeitung im Juni 1959. S. 138–140.

**Boletim**

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41. Jahrgang, Heft 3–4, 1958

- Walsh, John E.*: Nonparametric mean and variance estimation from truncated data. S. 125–130.
- Borennius, Gustaf*: On the distribution of the extreme values in a sample from a normal distribution. S. 131–166.
- Pistoia, A.*: Dirichlet transforms applied to interest functions. S. 167–171.
- Weibull, Christer*: The distribution of the Student ratio in the case of serially correlated normal variables. S. 172–176.
- Quensel, C.-E.*: Some sampling problems when a stratification variable follows a logarithmic normal distribution. S. 177–184.
- Block, Eskil*: Numerical considerations for the stratification of variables following a logarithmic normal distribution. S. 185–200.
- Bjoraa, S. J.*: Some premium reserve methods related to Lidstone's. S. 201–207.
- Hagstroem, K.-G.*: Additional remarks on pension insurance in real value. S. 208 bis 226.

42. Jahrgang, Heft 1–2, 1959

- Bennett, B. M.*: Note on the power function of the  $X_n$  test in genetics. S. 1–5.
- Medhi, J.*: A note on the properties of a test procedure for discrimination between two types of spectra of a stationary process. S. 6–13.
- Wolff, Karl-H.*: Die Kapitalverzinsung in der kollektiven Risikotheorie. S. 14–35.
- Weibull, Martin*: Moments of the difference between means in two samples from a finite population. S. 36–60.
- Nordbotten, Svein*: Linear programming and automatic computers. S. 61–72.
- Simonsen, W.*: On numerical differentiation of functions of several variables. S. 73 bis 89.

**Transactions of the Society of Actuaries**

Vol. 11, 1959

- Myers, Robert J.*: 1958 amendments to the Social Security Act. S. 1–27.
- Levinson, Louis*: A theory of mortality classes. S. 46–86.
- White, Robert P. and Greville, T. N. E.*: On computing the probability that exactly  $k$  of  $n$  independent events will occur. S. 88–95.
- Nowlin, Paul W.*: Insufficient premiums. S. 100–111.
- Siegel, Conrad M.*: Group annuity ill-health terminations. S. 114–123.
- Digest of informal discussion: U. S. federal taxation of life insurance companies, higher interest earnings, the supply of actuaries, informal discussions. S. 132 bis 156.
- Digest of discussion of subjects of special interest: ordinary insurance and annuities, employee benefit plans. S. 157–215.
- Panel discussion: the changing pattern of life insurance investments in the United States. S. 216–249.

- Digest of smaller company forum – New York Regional Meeting: actuarial staff, electronic computers, expense rates, agency problems. S. 250–264.
- Digest of smaller company forum – Omaha Regional Meeting: agency problems, family policy, accident and sickness insurance, expense rates, actuarial staff. S. 265–274.
- Havens, Arthur W. and Sarason, Harry M.*: Interpolation commutation columns. S. 341–346.
- Walker, Charles N.*: Commutation columns, net premiums and reserves for individual and family major medical expense insurance. S. 347–354.
- Anderson, James C. H.*: Gross premium calculations and profit measurement for nonparticipating insurance. S. 357–394.
- Digest of informal discussion: the double indemnity study, 1958 CSO table, the supply of actuaries, graded premium policies. S. 421–442.
- Digest of discussion of subjects of special interest: ordinary insurance and annuities, employee benefit plans, electronics (Atlanta Regional Meeting), individual accident and sickness insurance (San Francisco Regional Meeting). S. 443–515.
- Panel discussion – Atlanta Regional Meeting: hospital and medical care needs. S. 516–529.
- Panel discussion – San Francisco Regional Meeting: the cost of medical care. S. 530–546.
- Digest of smaller company forum – Atlanta Regional Meeting: entry into new fields, agency problems, underwriting, actuarial staff, actuarial meetings. S. 547–555
- Digest of smaller company forum – San Francisco Regional Meeting: electronic data processing, group insurance, agency problems, miscellaneous. S. 537–565.
- Dreher, William A.*: Gain and loss analysis for pension fund valuations. S. 588–635.
- Barnhart, E. Paul*: Continuance functions. S. 649–718.
- Myers, Robert J.*: Economic security in the Soviet Union. S. 723–745.
- Brodie, Norman and November, William J.*: A new table for accidental death benefits. S. 749–762.
- Jackson, Robert T.*: Some observations on ordinary dividends. S. 764–796.
- Peterson, Ray M.*: Misconceptions and missing perceptions of our social security system (Actuarial Anesthesia). S. 812–851.
- Warters, Dennis N. and Rae, William M.*: The risks in equity investment for pension funds. S. 920–944.
- Digest of discussion of subjects of special interest: electronics, ordinary insurance, employee benefit plans, individual accident and sickness insurance. S. 976 bis 1048.
- Report of the general committee on publication of monetary tables: table of uniform seniority for joint life calculations based upon the 1958 CSO and CET mortality tables, female extension of the 1958 CSO and CET mortality tables, supplement. S. 1049–1070.
- Reports on the status of developments of particular interest to members of the society: the status of variable annuities and related developments, the status of the 1958 CSO table, regulation of minimum-deposit plans, tax relief for pensions for the self-employed in Canada, the status of welfare plan disclosure acts. S. 1071–1090.



Panel discussion: social security. S. 1091–1116.  
1958 Reports of mortality and morbidity experience. S. 1–149.

### **The Annals of Mathematical Statistics**

Vol. 30, 1959

- Wesler, Oscar*: Invariance theory and a modified minimax principle. S. 1–20.  
*Bose, R. C. and Mesner, Dale M.*: On linear associative algebras corresponding to association schemes of partially balanced designs. S. 21–38.  
*Shrikhande, S. S.*: On a characterization of the triangular association scheme. S. 39–47.  
*Shah, B. V.*: On a generalisation of the Kronecker product designs. S. 48–54.  
*Stone, M.*: Application of a measure of information to the design and comparison of regression experiments. S. 55–70.  
*Blyth, Colin R.*: Note on estimating information. S. 71–79.  
*DeGroot, Morris H.*: Unbiased sequential estimation for binomial populations. S. 80–101.  
*Bechhofer, Robert E., Elmaghraby, Salah and Morse, Norman*: A single-sample multiple-decision procedure for selecting the multinomial event which has the highest probability. S. 102–119.  
*Kesten, Harry and Morse, Norman*: A property of the multinomial distribution. S. 120–127.  
*Wesler, Oscar*: A classification problem involving multinomials. S. 128–133.  
*Takács, L.*: On the limiting distribution of the number of coincidences concerning telephone traffic. S. 134–142.  
*Reich, Edgar*: On the integrodifferential equation of Takács. II. S. 143–148.  
*Kramer, H. P.*: Symmetrizable Markov matrices. S. 149–153.  
*Goodman, Leo A.*: On some statistical tests for  $m$ th order Markov chains. S. 154–164.  
*Eisenberg, Edmund and Gale, David*: Consensus of subjective probabilities: the pari-mutuel method. S. 165–168.  
*Kallianpur, Gopinath*: A note on perfect probability. S. 169–172.  
*de Oliveira Carvalho, Pedro Egydio*: On the distribution of the Kolmogorov-Smirnov D-statistic. S. 173–176.  
*Gnanadesikan, R.*: Equality of more than two variances and of more than two dispersion matrices against certain alternatives. S. 177–184.  
*Wijsman, Robert A.*: On the theory of BAN estimates. S. 185–191.  
*Dunn, Olive Jean*: Estimation of the medians for dependent variables. S. 192–197.  
*Gaffey, William R.*: A consistent estimator of a component of a convolution. S. 198–205.  
*Aggarwal, Om P.*: Bayes and minimax procedures in sampling from finite and infinite populations. S. 206–218.  
*Ekman, Gunnar*: An approximation useful in univariate stratification. S. 219–229.  
*Aggarwal, Om P. and Guttman, Irwin*: Truncation and tests of hypotheses. S. 230 bis 238.  
*Kshirsagar, A. M.*: Bartlett decomposition and Wishart distribution. S. 239–241.

- Mickey, Ray*: Some bounds on the distribution functions of the largest and smallest roots of normal determinantal equations. S. 242–243.
- Karlin, S., Miller, R. G., Jr. and Prabhu, N. U.*: Note on a moving single server problem. S. 243–246.
- Kshirsagar, A. M.*: Distribution of the «blocks adjusted for treatments» sum of squares in incomplete block designs. S. 246–249.
- Sprott, D. A.*: A series of symmetrical group divisible incomplete block designs. S. 249–251.
- Kuiper, Nicolaas H.*: Alternative proof of a theorem of Birnbaum and Pyke. S. 251–252.
- Rider, Paul R.*: Quasi-ranges of samples from an exponential population. S. 252 bis 254.
- Kiefer, J. and Wolfowitz, J.*: Optimum designs in regression problems. S. 271–294.
- Raghavarao, Damaraju*: Some optimum weighing designs. S. 295–303.
- Roy, S. N. and Gnanadesikan, R.*: Some contributions to ANOVA in one or more dimensions: I. S. 304–317.
- Roy, S. N. and Gnanadesikan, R.*: Some contributions to ANOVA in one or more dimensions: II. S. 318–340.
- Tate, R. F.*: Unbiased estimation: functions of location and scale parameters. S. 341–366.
- Gart, John J.*: An extension of the Cramér-Rao inequality. S. 367–380.
- Fend, A. V.*: On the attainment of Cramér-Rao and Bhattacharyya bounds for the variance of an estimate. S. 381–388.
- Silvey, S. D.*: The Lagrangian multiplier test. S. 389–407.
- Kraft, Charles H., Pratt, John W. and Seidenberg, A.*: Intuitive probability on finite sets. S. 408–419.
- Kiefer, J.*: K-sample analogues of the Kolmogorov-Smirnov and Cramér-v. Mises tests. S. 420–447.
- Kemperman, J. H. B.*: Asymptotic expansions for the Smirnov test and for the range of cumulative sums. S. 448–462.
- Kiefer, J. and Wolfowitz, J.*: Asymptotic minimax character of the sample distribution function for vector chance variables. S. 463–489.
- Scarf, Herbert*: Bayes solutions of the statistical inventory problem. S. 490–508.
- Mauldon, J. G.*: A generalization of the beta-distribution. S. 509–520.
- Harris, Bernard*: Determining bounds on integrals with applications to cataloging problems. S. 521–548.
- Pratt, John W.*: On a general concept of «in probability». S. 549–558.
- Striebel, Charlotte T.*: Densities for stochastic processes. S. 559–567.
- Pyke, Ronald*: The supremum and infimum of the Poisson process. S. 568–576.
- Roy, S. N. and Roy, J.*: A note on a class of problems in «normal» multivariate of variance. S. 577–581.
- Bross, Irwin D. J.*: Note on an application of the Schumann-Bradley table. S. 581 bis 583.
- Devinatz, A.*: On a theorem of Lévy-Raikov. S. 583–586.

- Glasgow, M. O.*: Note on the factorial moments of the distribution of locally maximal elements in a random sample. S. 586–590.
- Weiss, Lionel*: The limiting joint distribution of the largest and smallest sample spacings. S. 590–593.
- Dempster, A. P.*: Generalized  $D_n^+$  statistics. S. 593–597.
- Wijsman, Robert A.*: Applications of a certain representation of the Wishart matrix. S. 597–601.
- Derman, C. and Sacks, J.*: On Dvoretzky's stochastic approximation theorem. S. 601–606.
- Isbell, J. R.*: On a problem of Robbins. S. 606–610.
- Rubin, Herman and Tucker, Howard G.*: Estimating the parameters of a differential process. S. 641–658.
- Kallianpur, Gopinath*: A problem in optimum filtering with finite data. S. 659–669.
- Balakrishnan, A. V.*: On a characterization of covariances. S. 670–675.
- Anderson, T. W.*: On asymptotic distributions of estimates of parameters of stochastic difference. S. 676–687.
- Gilbert, Edgar J.*: On the identifiability problem for functions of finite Markov chains. S. 688–697.
- Gaver, Donald P., jr.*: Imbedded Markov chain analysis of a waiting-line process in continuous time. S. 698–720.
- Agnew, Ralph Palmer*: Asymptotic expansions in global central limit theorems. S. 721–737.
- Burkholder, D. L.*: On the existence of a best approximation of one distribution function by another of a given type. S. 738–742.
- Madansky, Albert*: Bounds on the expectation of a convex function of a multivariate random variable. S. 743–746.
- Austin, T. L., Fagen, R. E., Penney, W. F and Riordan, John*: The number of components in random linear graphs. S. 747–754.
- Chernoff, Herman*: Sequential design of experiments. S. 755–770.
- Bose, R. C. and Carter, R. L.*: Complex representation in the construction of rotatable designs. S. 771–780.
- Shrikhande, S. S.*: The uniqueness of the  $L_2$  association scheme. S. 781–798.
- Graybill, Franklin A. and Weeks, David L.*: Combining inter-block and intra-block information in balanced incomplete blocks. S. 799–805.
- MacKay, John H.*: Asymptotically efficient tests based on the sums of observations. S. 806–813.
- Watterson, G. A.*: Linear estimation in censored samples from multivariate normal populations. S. 814–824.
- Ziaud-Din, M.*: The expression of  $k$ -statistic  $k_{11}$  in terms of power sums and sample moments. S. 825–828.
- Tucker, Howard G.*: A generalization of the Glivenko-Cantelli theorem. S. 828–830.
- White, John S.*: The limiting distribution of the serial correlation coefficient in the explosive case II. S. 831–834.
- Buehler, Robert J.*: Some validity criteria for statistical inferences. S. 845–863.

- Wallace, David L.*: Conditional confidence level properties. S. 864–876.
- Stein, Charles*: An example of wide discrepancy between fiducial and confidence intervals. S. 877–880.
- Lehmann, E. L.*: Optimum invariant tests. S. 881–884.
- Zelen, M. and Joel, L. S.*: The weighted compounding of two independent significance tests. S. 885–895.
- Guthrie, D., jr. and Johns, M. V., jr.*: Bayes acceptance sampling procedures for large lots. S. 896–925.
- Guttman, Irwin*: Optimum tolerance regions and power when sampling from some non-normal universes. S. 926–938.
- Herbach, Leon H.*: Properties of model II – type analysis of variance tests, A: Optimum nature of the  $F$ -test for model II in the balanced case. S. 939–959.
- Gautschi, Werner*: Some remarks on Herbach's paper, «optimum nature of the  $F$ -test for model II in the balanced case». S. 960–963.
- Hall, Wm. Jackson*: The most-economical character of some Bechhofer and Sobel decision rules. S. 964–969.
- Stein, Charles*: The admissibility of Pitman's estimator of a single location parameter. S. 970–979.
- Harter, H. Leon*: The use of sample quasi-ranges in estimating population standard deviation. S. 980–999.
- Lord, Frederic M.*: The joint cumulants of true values and errors of measurement. S. 1000–1004.
- Wormleighton, R.*: Some tests of permutation symmetry. S. 1005–1017.
- Savage, I. Richard*: Contributions to the theory of rank order statistics – the one-sample case. S. 1018–1023.
- Dwass, Meyer*: The distribution of a generalized  $D_n^+$  statistic. S. 1024–1028.
- Klotz, Jerome*: Null distribution of the Hodges bivariate sign test. S. 1029–1033.
- Walsh, John E.*: Exact nonparametric tests for randomized blocks. S. 1034–1040.
- Shah, B. V.*: A generalization of partially balanced incomplete block designs. S. 1041–1050.
- Vartak, Manohar Narhar*: The non-existence of certain PBIB designs. S. 1051–1062.
- Ogawa, Junjiro*: A necessary condition for existence of regular and symmetrical experimental designs of triangular type, with partially balanced incomplete blocks. S. 1063–1071.
- David, H. A. and Arens, Beverly E.*: Optimal spacing in regression analysis. S. 1072 bis 1081.
- Gardiner, D. A., Grandage, A. H. E. and Hader, R. J.*: Third order rotatable designs for exploring response surfaces. S. 1082–1096.
- Bose, R. C. and Draper, Norman R.*: Second order rotatable designs in three dimensions. S. 1097–1112.
- Blackwell, David and Hodges, J. L., jr.*: The probability in the extreme tail of a convolution. S. 1113–1120.
- Wallace, David L.*: Bounds on normal approximations to Student's and the chi-square distributions. S. 1121–1130.

- Elkman, Gunnar*: Approximate expressions for the conditional mean and variance over small intervals of a continuous distribution. S. 1131–1135.
- Pillai, K. C. S. and Mijares, Tito A.*: On the moments of the trace of a matrix and approximations to its distribution. S. 1136–1140.
- Gilbert, E. N.*: Random graphs. S. 1141–1144.
- Beale, E. M. L. and Mallows, C. L.*: Scale mixing of symmetric distributions with zero means. S. 1145–1151.
- Hans, Otto*: Measurability of extensions of continuous random transforms. S. 1152 bis 1157.
- Ghurye, S. G. and Wallace, David L.*: A convolutive class of monotone likelihood ratio families. S. 1158–1164.
- Laha, R. G.*: On the laws of Cauchy and Gauss. S. 1165–1174.
- Derman, C., Johns, M. V., jr. and Lieberman, G. J.*: Continuous sampling procedures without control. S. 1175–1191.
- Kawata, T.*: Some convergence theorems for stationary stochastic processes. S. 1192 bis 1214.
- Kac, Mark and Slepian, David*: Large excursions of Gaussian processes. S. 1215 bis 1228.
- Blackwell, David, Breiman, Leo and Thomasian, A. J.*: The capacity of a class of channels. S. 1229–1241.
- Blackwell, David*: Infinite codes for memoryless channels. S. 1242–1244.
- Johnson, N. L.*: A proof of Wald's theorem on cumulative sums. S. 1245–1247.
- Bhapkar, V. P.*: A note on multiple independence under multivariate normal linear models. S. 1248–1251.
- Feller, William*: Non-Markovian processes with the semigroup property. S. 1252 bis 1253.
- Chen Moy, Shu-Teh*: Successive recurrence times in a stationary process. S. 1254 bis 1257.
- Khatri, C. G.*: On the mutual independence of certain statistics. S. 1258–1262.
- Rogers, Gerald S.*: A note on the stochastic independence of functions of order statistics. S. 1263–1264.

### Journal of the American Statistical Association

Vol. 54, 1959

- Hoadley, Walter E., jr.*: Statisticians – today and tomorrow. S. 1–11.
- Fels, Eberhard M.*: Some Soviet statistical books of 1957. S. 12–29.
- Sterling, Theodore D.*: Publication decisions and their possible effects on inferences drawn from tests of significance – or vice versa. S. 30–34.
- Hammond, E. Cuyler*: Inhalation in relation to type and amount of smoking. S. 35 bis 51.
- Sobol, Marion Gross*: Panel mortality and panel bias. S. 52–68.
- Nisselson, Harold and Woolsey, Theodore D.*: Some problems of the household interview design for the national health survey. S. 69–87.

- Dalenius, Tore* and *Hodges, Joseph L., jr.*: Minimum variance stratification. S. 88 bis 101.
- Jones, Howard L.*: How many of a group of random numbers will be usable in selecting a particular sample? S. 102–122.
- Goodman, Leo A.* and *Kruskal, William H.*: Measures of association for cross classifications. II: further discussion and references. S. 123–163.
- MacKinnon, William J.*: Compact table of twelve probability levels of the symmetric binomial cumulative distribution for sample sizes to 1000. S. 164–172.
- Madansky, Albert*: The fitting of straight lines when both variables are subject to error. S. 173–205.
- Wagner, Harvey M.*: Linear programming techniques for regression analysis. S. 206 bis 212.
- Walsh, John E.*: Comments on „The simplest signed-rank tests”. S. 213–224.
- Wallace, David L.*: Simplified beta-approximations to the Kruskal-Wallis  $H$  test. S. 225–230.
- Savage, I. Richard*: A production model and continuous sampling plan. S. 231–247.
- Seal, K. C.*: A single sampling plan for correlated variables with a single-sided specification limit. S. 248–259.
- Tingey, F. H.* and *Merrill, J. A.*: Minimum risk specification limits. S. 260–274.
- Willis, Richard H.*: Lower bound formulas for the mean intercorrelation coefficient. S. 275–280.
- Clawson, Marion*: Statistical data available for economic research on certain types of recreation. S. 281–309.
- Landis, Benson Y.*: A guide to the literature on statistics of religious affiliation with references to related social studies. S. 335–357.
- Reid, Margaret G.*: Increase in rent of dwelling units from 1940 to 1950. S. 358–376.
- Gritiches, Zvi*: The demand for fertilizer in 1954: an inter-state study. S. 377–384.
- Choynowski, M.*: Maps based on probabilities. S. 385–388.
- Neiswanger, W. A.* and *Yancey T. A.*: Parameter estimates and autonomous growth. S. 389–402.
- Deming, W. Edwards* and *Glasser, Gerald J.*: On the problem of matching lists by samples. S. 403–415.
- Kish, Leslie* and *Hess, Irene*: On variances of ratios and their differences in multi-stage samples. S. 416–446.
- Gates, C. R.* and *Fearey, J. P.*: Accuracy requirements for acceptance testing of complex systems. S. 447–464.
- Ostle, Bernard* and *Steck, George P.*: Correlation between sample means and sample ranges. S. 465–471.
- Lord, Frederic M.*: Problems in mental test theory arising from errors of measurement. S. 472–479.
- Kaplan, Norman M.*: Some methodological notes on the deflation of construction. S. 535–555.
- Cromarty, William A.*: An econometric model for United States agriculture. S. 556 bis 574.

- de Janosi, Peter E.*: A note on the relationship between earning expectations and new car purchases. S. 575–577.
- Windle, Charles*: The accuracy of census literacy statistics in Iran. S. 578–581.
- Beattie, Ronald H.*: Sources of statistics on crime and correction. S. 582–592.
- Tulloch, Gordon*: Publication decisions and tests of significance – a comment. S. 593.
- Mickey, M. R.*: Some finite population unbiased ratio and regression estimators. S. 594–612.
- Dunn, Olive Jean*: Confidence intervals for the means of dependent, normally distributed variables. S. 613–621.
- Box, G. E. P.* and *Draper, Norman R.*: A basis for the selection of a response surface design. S. 622–654.
- Pratt, John W.*: Remarks on zeros and ties in the Wilcoxon signed rank procedures. S. 655–667.
- Askovitz, S. I.*: Graphic methods based upon properties of advancing centroids. S. 668–673.
- Tate, R. F.* and *Klett, G. W.*: Optimal confidence intervals for the variance of a normal distribution. S. 674–682.
- Federighi, Enrico T.*: Extended tables of the percentage points of Student's *t*-distribution. S. 683–688.
- Steck, G. P.* and *Owen, D. B.*: Percentage points for the distribution of outgoing quality. S. 689–694.
- Cohn, Samuel M.*: Problems in estimating federal government expenditures. S. 717 bis 729.
- Coulter, Elizabeth J.* and *Guralnick, Lillian*: Analysis of vital statistics by census tract. S. 730–740.
- Kaitz, Hyman B.*: A check on gross errors in certain variance computations. S. 741 bis 743.
- Locks, Mitchell O.*: Automatic programming for automatic computers. S. 744–754.
- Greenberg, B. G.* and *Sarhan, A. E.*: Matrix inversion, its interest and application in analysis of data. S. 755–766.
- Steel, Robert G. D.*: A multiple comparison sign test: treatments versus control. S. 767–775.
- Gridgeman, N. T.*: The lady tasting tea, and allied topics. S. 776–783.
- Cohen, Arthur*: Tables for the sign test when observations are estimates of binomial parameters. S. 784–793.
- Moranda, P. B.*: Comparison of estimates of circular probable error. S. 794–800.
- Rao, J. N. K.*: A note on mean square successive differences. S. 801–806.

### The American Statistician

Vol. 13, 1959

- Brackett, J. W.*: Population dynamics in the U.S.S.R. Nr. 1, S. 16–20.
- Cole, Lamont C.*: On simplified computations. Nr. 1, S. 20.
- Natrella, Mary G.*: A note on the computation of  $\chi^2$ . Nr. 1, S. 20–21.

*Riffenburgh, Robert H.:* A note on the graphic method for obtaining a least squares fit. Nr. 1, S. 21.

*Bursk, J. Parker:* A classification of sampling problems. Nr. 2, S. 19–21.

*Greenberg, B. G.:* Conduct of cooperative field and clinical trials. Nr. 3, S. 13–17 und S. 28.

*Kish, Leslie and Hess, Irene:* A “replacement” procedure for reducing the bias of nonresponse. Nr. 4, S. 17–19.

*Edwards, Bruce:* Constructing simple correlation problems with predetermined answers. Nr. 5, S. 25–27.

### **Industrial Quality Control**

Vol. 15, Nos. 7–12, 1959

*Hunter, J. Stuart:* Determination of optimum operating conditions by experimental methods. Nr. 7, S. 7–15 und Nr. 8, S. 6–14.

*Abruzzi, Adam:* Useful approximations in defining single sampling attributes plans. Nr. 7, S. 16–18.

*Brice, W. C.:* The impact of quality on today's market. Nr. 7, S. 19–20.

*Bourquin, James F.:* Uses of total quality control in top management decision making. Nr. 8, S. 15–20.

*Harding, H. G. and Hulnick, R. A.:* A new philosophy of electrical component acceptance. Nr. 9, S. 8–9.

*Muller, Mervin E.:* The role of existing computer techniques in statistics and quality control. Nr. 9, S. 10–13.

*Zelen, M. and Connor, W. S.:* Multi-factor experiments. Nr. 9, S. 14–17.

*Budne, Thomas A.:* Random balance. Nr. 10, S. 5–10, Nr. 11, S. 11–16 und Nr. 12, S. 16–20.

*McChure, J. Y.:* Practical statistical quality control in the airframe industry. Nr. 10, S. 11–14, Nr. 11, S. 17–24 und Nr. 12, S. 5–9.

*Youden, W. J.:* Graphical diagnosis of interlaboratory test results. Nr. 11, S. 24–28.

*Bingham, Richard S., jr.:* Design of experiments from a statistical viewpoint, part I. Nr. 11, S. 29–34 und Nr. 12, S. 12–15.

*Jacobs, Richard M.:* The compatibility of value engineering analysis and reliability. Nr. 11, S. 35–39.

*Clifford, Paul C.:* Control charts without calculations: some modifications and some extensions. Nr. 11, S. 40–44.

*Garlick, Lewis, jr.:* A variables sampling plan for acceptance of punched mica holes. Nr. 11, S. 45–46.

*Cordes, R. G.:* How is quality today? Nr. 12, S. 10–11.

Vol. 16, Nos. 1–6, 1959

*Burr, Irving W.:* Theory, communication, application. Nr. 1, S. 7–8.

*Sharp, Edward R.:* Quality to meet the demands of space: a challenge to ASQC for quality control. Nr. 1, S. 9–11.

*Hamaker, H. C.:* A note on ANOVA in the transistor industry. Nr. 1, S. 12–14.



- Lowery, Ernest R.*: Optical measurement sampling of relay contact erosion. Nr. 2, S. 5–10.
- Pappas, Robert L.*: Quality control – management's dilemma. Nr. 2, S. 11–13.
- Lieberman, Alfred*: Sequential life test plans for the exponential distribution. Nr. 2, S. 14–18.
- Taylor, Ervin F.*: File it to find it, the American Society for Quality Control literature classification system. Nr. 3, S. 5–7.
- Ennerson, Fred, jr. and Manning, Mark.*: Test performance charts. Nr. 3, S. 8–9.
- McElrath, Gayle W. and Bearman, Jacob E.*: Some economic considerations of inefficient statistics. Nr. 3, S. 10–14.
- Sooy, Brainard E.*: How to lose at the quality control game. Nr. 4, S. 14–16.
- Bicking, Charles A.*: The team approach in quality control investigations. Nr. 5, S. 5–9.
- Murphy, R. B.*: Stopping rules with CPS-1 sampling inspection plans in continuous production. Nr. 5, S. 10–16.
- Fairfield, J. H.*: A rapid method of comparing two percentages. Nr. 5, S. 20–21.
- Feigenbaum, A. V.*: Professional quality control engineering. Nr. 5, S. 22–26.
- Bass, Leon*: What ASQC is doing for the quality control engineer. Nr. 6, S. 4–8.
- Quality and reliability assurance for ballistic missiles and space systems. Nr. 6, S. 9–10.
- Riordan, John J.*: Quality control management in the department of defense. Nr. 6, S. 11–13.

### **Econometrica**

Vol. 27, 1959

- van Eijk, C. J. and Sandee, J.*: Quantitative determination of an optimum economic policy. S. 1–13.
- Theil, H.*: The aggregation implications of identifiable structural macrorelations. S. 14–29.
- Solow, Robert M.*: Competitive valuation in a dynamic input-output system. S. 30 bis 53.
- McKenzie, Lionel W.*: On the existence of general equilibrium for a competitive market. S. 54–71.
- Basmann, R. L.*: The computation of generalized classical estimates of coefficients in a structural equation. S. 72–81.
- Arrow, Kenneth J., Block, H. D. and Hurwicz, Leonid*: On the stability of the competitive equilibrium, II. S. 82–109.
- Lydall, H. F.*: The distribution of employment incomes. S. 110–115.
- Brown, Murray*: The structure of stochastic difference equation models. S. 116–120.
- Summers, Robert*: A note on least squares bias in household expenditure analysis. S. 121–126.
- Prais, S. J.*: A comment. S. 127–129.
- Johansen, Leif*: Substitution versus fixed production coefficients in the theory of economic growth: a synthesis. S. 157–176.

- Frisch, Ragnar*: A complete scheme for computing all direct and gross demand elasticities in a model with many sectors. S. 177–196.
- Kuh, Edwin*: The validity of cross-sectionally estimated behavior equations in time series applications. S. 197–214.
- Malinvaud, Edmond*: Programmes d'expansion et taux d'intérêt. S. 215–227.
- Brennan, Michael J.*: A model of seasonal inventories. S. 228–244.
- Hooper, John W.*: Simultaneous equations and canonical correlation theory. S. 245 bis 256.
- Ara, Kenjiro*: The aggregation problem in input-output analysis. S. 257–262.
- Rosett, Richard N.*: A statistical model of friction in economics. S. 263–267.
- Fourgeaud, C. and Nataf, André*: Consommation en prix et revenu réels et théorie des choix. S. 329–354.
- Hill, T. P.*: An analysis of the distribution of wages and salaries in Great Britain. S. 355–381.
- Wolfe, Philip*: The simplex method for quadratic programming. S. 382–398.
- Marschak, Thomas*: Centralization and decentralization in economic organization. S. 399–430.
- Fisher, Franklin M.*: Generalization of the rank and order conditions for identifiability. S. 431–447.
- Uzawa, Hirofumi*: Prices of the factors of production in international trade. S. 448 bis 468.
- Gorman, W. M.*: Separable utility and aggregation. S. 469–481.
- Strotz, Robert H.*: The utility tree – a correction and further appraisal. S. 482–488.
- Gorman, W. M.*: The empirical implications of a utility tree: a further comment. S. 489.
- Neisser, Hans*: The pricing of consumers' durables. S. 547–574.
- Nagar, A. L.*: The bias and moment matrix of the general  $k$ -class estimators of the parameters in simultaneous equations. S. 575–595.
- Adelman, Irma and Adelman, Frank L.*: The dynamic properties of the Klein-Goldberger model. S. 596–625.
- Morishima, Micho*: Some properties of a dynamic Leontief system with a spectrum of techniques. S. 626–637.
- Brown, T. M.*: Simplified full maximum likelihood and comparative structural estimates. S. 638–653.
- Nilkaidô, Hukukane*: Stability of equilibrium by the Brown-von Neumann differential equation. S. 654–671.
- Wurtele, Zivia S.*: A note on some stability properties of Leontief's dynamic models. S. 672–675.
- Banerjee, K. S.*: A generalisation of Stuvél's index number formulae. S. 676–678.
- Robinson, Enders A.*: A stochastic diffusion theory of price. S. 679–684.

### **Mathematical Tables and other Aids to Computation**

Vol. 13, 1959

- Salton, Gerard*: The use of the central limit theorem for interpolating in tables of probability distribution functions. S. 213–216.

**Biometrics**

Vol. 15, 1959

- Armitage, Peter*: Host variability in dilution experiments. S. 1–9.
- Kempthorne, Oscar and Nordskog, Arne W.*: Restricted selection indices. S. 10–19.
- Parsons, P. A.*: Equilibria in auto-tetraploids under natural selection for a simplified model of viabilities. S. 20–29.
- Patterson, H. D.*: The analysis of a non-replicated experiment involving a single four-course rotation of crops. S. 30–59.
- Curnow, R. N.*: The analysis of a two phase experiment. S. 60–73.
- Folks, John Leroy*: Analysis of quadruple rectangular lattice designs. S. 74–86.
- Sheps, Mindel C.*: An examination of some methods of comparing several rates or proportions. S. 87–97.
- Leech, F. B. and Healy, M. J. R.*: The analysis of experiments on growth rate. S. 98–106.
- Kastenbaum, Marvin A. and Lamphiear, Donald E.*: Calculation of chi-square to test the no three-factor interaction hypothesis. S. 107–115.
- Patterson, H. D. and Lucas, H. L.*: Extra-period change-over designs. S. 116–132.
- Box, G. E. P.*: Replication of non-center points in the rotatable and near-rotatable central composite design. S. 133–135.
- Williams, E. J.*: Significance of difference between two non-independent correlation coefficients. S. 135–136.
- Robson, D. S.*: A simple method for constructing orthogonal polynomials when the independent variable is unequally spaced. S. 187–191.
- Henderson, C. R., Kempthorne, Oscar, Searle, S. R. and von Krosigk, C. M.*: The estimation of environmental and genetic trends from records subject to culling. S. 192–218.
- Robertson, Alan*: Experimental design in the evaluation of genetic parameters. S. 219–226.
- Schwartz, Lorraine and Wearden, Stanley*: A distribution-free asymptotic method of estimating, testing, and setting confidence limits for heritability. S. 227–235.
- Turner, Malcolm E. and Stevens, Charles D.*: The regression analysis of causal paths. S. 236–258.
- Roy, J.*: A class of two replicate incomplete block designs. S. 259–269.
- Milne, A.*: The centric systematic area-sample treated as a random sample. S. 270 bis 297.
- Gridgeman, N. T.*: Sensory item sorting. S. 298–306.
- Claringbold, P. J.*: Orthogonal contrasts in slope ratio investigations. S. 307–322.
- Kastenbaum, Marvin A.*: A confidence interval on the abscissa of the point of intersection of two fitted linear regressions. S. 323–324.
- Irwin, J. O.*: On the estimation of the mean of a Poisson distribution from a sample with the zero class missing. S. 324–326.
- Webster, John T.*: Differential regression. S. 326–329.
- Irwin, J. O.*: Biometric method, past, present, and future. S. 363–375.
- Rendel, J. M.*: Optimum group size in half-sib family selection. S. 376–381.

- Gridgeman, N. T.*: Pair comparison, with and without ties. S. 382–388.
- Geisser, Seymour*: A method for testing treatment effects in the presence of learning. S. 389–395.
- Chassan, J. B.*: On the development of clinical statistical systems for psychiatry. S. 396–404.
- Schumann, D. E. W.* and *Bradley, R. A.*: The comparison of the sensitivities of similar experiments: model II of the analysis of variance. S. 405–416.
- Wearden, Stanley*: The use of the power function to determine an adequate number of progeny per sire in a genetic experiment involving half-sibs. S. 417–423.
- Harris, Eugene K.*: Confidence limits for the  $LD_{50}$  using the moving average-angle method. S. 424–432.
- Gjeddebaek, N. F.*: Contribution to the study of grouped observations. IV. Some comments on simple estimates. S. 433–439.
- Watson, G. S.*: Some recent results in chi-square goodness-of-fit tests. S. 440–468.
- Robertson, Alan*: The sampling variance of the genetic correlation coefficient. S. 469–485.
- Hogben, David*: Test of difference between treatment and control with multiple replications of control and a missing plot. S. 486–487.
- Nordskog, A. W.*: Note on optimum group size for progeny tests. S. 513–517.
- Mode, C. J.* and *Robinson, H. F.*: Pleiotropism and the genetic variance and covariance. S. 518–537.
- Bodmer, W. F.*: A significantly extreme deviate in data with a non-significant heterogeneity chi-square. S. 538–542.
- Graybill, Franklin A.* and *Deal, R. B.*: Combining unbiased estimators. S. 543–550.
- Guttman, Louis* and *Guttman, Ruth*: An illustration of the use of stochastic approximation. S. 551–559.
- Steel, Robert G. D.*: A multiple comparison rank sum test: treatments versus control. S. 560–572.
- Ashford, J. R.*: An approach to the analysis of data for semi-quantal responses in biological assay. S. 573–581.
- Anderson, R. L.*: Use of contingency tables in the analysis of consumer preference studies. S. 582–590.
- Hewlett, P. S.* and *Plackett R. L.*: A unified theory for quantal responses to mixtures of drugs: non-interactive action. S. 591–610.
- Hartley, H. O.*: Smallest composite designs for quadratic response surfaces. S. 611 bis 624.
- Kupperman, Morton*: A rapid significance test for contingency tables. S. 625–628.
- Jebe, Emil H.*: On a quail roadside count technique. S. 628–631.

**Proceedings of the National Academy of Sciences  
of the United States of America**

Vol. 45, 1959

- Parker, E. T.*: Orthogonal latin squares. S. 859–862.

**Journal of the Association for Computing Machinery**

Vol. 6, 1959

- McGee, W. C.*: Generalization: key to successful electronic data processing. S. 1–23.
- Zarechnak, Michael*: Three levels of linguistic analysis in machine translation. S. 24–32.
- Eldred, Richard D.*: Test routines based on symbolic logical statements. S. 33–36.
- Hamming, R. W.*: Stable predictor-corrector methods for ordinary differential equations. S. 37–47.
- Douglas, Jim, jr.*: Round-off error in the numerical solution of the heat equation. S. 48–58.
- Goldstine, H. H., Murray, F. J. and von Neumann, J.*: The Jacobi method for real symmetric matrices. S. 59–96.
- Lance, G. N.*: Solution of algebraic and transcendental equations on an automatic digital computer. S. 97–101.
- Shu-T'ien Li*: Origin and development of the Chinese abacus. S. 102–110.
- Shell, Donald L.*: The share 709 system: a cooperative effort, S. 123–127.
- Greenwald, Irwin D. and Kane, Maureen*: The share 709 system: programming and modification. S. 128–133.
- Boehm, E. M. and Steel, T. B., jr.*: The share 709 system: machine implementation of symbolic programming. S. 134–140.
- DiGri, Vincent J. and King, Jane E.*: The share 709 system: input-output translation. S. 141–144.
- Mock, Owen and Swift, Charles J.*: The share 709 system: programmed input-output buffering. S. 145–151.
- Bratman, Harvey and Boldt, Ira V., jr.*: The share 709 system: supervisory control. S. 152–155.
- Hildebrandt, Paul and Isbitz, Harold*: Radix exchange: an internal sorting method for digital computers. S. 156–163.
- Marimont, Rosalind B.*: A new method of checking the consistency of precedence matrices. S. 164–171.
- Joachim, Gertrud S.*: Memory efficiency. S. 172–175.
- Goldstine, H. H. and Horwitz, L. P.*: A procedure for the diagonalization of normal matrices. S. 176–195.
- Milne, W. E. and Reynolds, R. R.*: Stability of a numerical solution of differential equations. S. 196–203.
- Ehrlich, Louis W.*: Monte Carlo solutions of boundary value problems involving the difference analogue of  $\frac{\partial^2 u}{\partial x^2} + \frac{\partial^2 u}{\partial y^2} + \frac{K}{y} \frac{\partial u}{\partial y} = 0$ . S. 204–218.
- Morrison, David*: Numerical quadrature in many dimensions. S. 219–222.
- Caldwell, George C.*: A note on the down-hill method. S. 223–225.
- Milnes, Harold W. and Potts, Renfrey B.*: Boundary contraction solution of Laplace's differential equation. S. 226–235.
- Cuthill, Elizabeth H. and Varga, Richard S.*: A method of normalized block iteration. S. 236–244.

- Curtis, H. Allen*: A functional canonical form. S. 245–258.
- Ginsburg, Seymour*: On the reduction of superfluous states in a sequential machine. S. 259–282.
- Blum, Marvin*: On exponential digital filters. S. 283–304.
- Leiner, A. L., Notz, W. A., Smith, J. L. and Weinberger, A.*: PILOT: a new multiple computer system. S. 313–335.
- Wilkinson, J. H.*: Stability of the reduction of a matrix to almost triangular and triangular forms by elementary similarity transformations. S. 336–359.
- Fike, C. T.*: Note on the practical computation of proper values. S. 360–362.
- Wilf, Herbert S.*: A stability criterion for numerical integration. S. 363–365.
- Corbató, Fernando J. and Uretsky, Jack L.*: Generation of spherical Bessel functions in digital computers. S. 366–375.
- Muller, Mervin E.*: A comparison of methods for generating normal deviates on digital computers. S. 376–383.
- Ralston, A.*: A family of quadrature formulas which achieve high accuracy in composite rules. S. 384–394.
- Curtis, Philip C., jr. and Frank, Werner L.*: An algorithm for the determination of the polynomial of best minimax approximation to a function defined on a finite point set. S. 395–404.
- Netherwood, Douglas B.*: Logic matrices and the truth function problem. S. 405–414.
- Ashenurst, R. L. and Metropolis, N.*: Unnormalized floating point arithmetic. S. 415–428.
- Blair, Charles R.*: On computer transcription of manual morse. S. 429–442.
- Nagler, H.*: Amphisbaenic sorting. S. 459–468.
- Lieblein, Julius*: A general analysis of variance scheme applicable to a computer with a very large memory. S. 469–475.
- Gauss, E. J.*: A comparison of machine organizations by their performance of the iterative solution of linear equations. S. 476–485.
- Bellman, Richard, Holland, John and Kalaba, Robert*: On an application of dynamic programming to the synthesis of logical systems. S. 486–493.
- Sheldon, J. W.*: On the spectral norms of several iterative processes. S. 494–505.
- Hoffman, Walter and Pawley, Richard*: A method for the solution of the  $N$ th best path problem. S. 506–514.
- DiDonato, A. R. and Hershey, A. V.*: New formulas for computing incomplete integrals of the first and second kind. S. 515–526.
- Green, Bert F., jr., Smith, J. E. Keith and Klem, Laura*: Empirical tests of an additive random number generator. S. 527–537.
- Curtis, H. Allen*: Multifunctional circuits in functional canonical form. S. 538–547.

### Communications of the Association for Computing Machinery

Vol. 2, 1959

- Carr, John W.*: Recursive subscripting compilers and list-type memories. Nr. 2, S. 4–6.

- Green, Julien*: Possible modifications to the international algebraic language. Nr. 2, S. 6–8.
- Sheridan, Peter B.*: The arithmetic translator-compiler of the IBM Fortran automatic coding system. Nr. 2, S. 9–21.
- Luebbert, William F.* and *Collom, Percy W., jr.*: Signal corps research and development on automatic programming of digital computers. Nr. 2, S. 22–27.
- Hansen, R. C., Bailin, L. L.* and *Rutishauser, R. W.*: On computing radiation integrals. Nr. 2, S. 28–31.
- Powers, John E.*: Elimination of special functions from differential equations. Nr. 3, S. 3–4.
- Howell, John R.*: An iterative method for fitting the logistic curve. Nr. 3, S. 5–6.
- Wegstein, J. H.*: From formulas to computer oriented language. Nr. 3, S. 6–8.
- Bemer, R. W.*: A checklist of intelligence for programming systems. Nr. 3, S. 8–13.
- Gilman, R. E.*: A mathematical procedure for machine division. Nr. 4, S. 10–12.
- Ercoli, Paolo* and *Vacca, Roberto*: Binary arithmetic for discretely variable word length in a serial computer. Nr. 4, S. 13–16.
- Larson, E. H.* and *Marshall, D. P.*: A routine to find the solution of simultaneous linear equations with polynomial coefficients. Nr. 4, S. 16–17.
- Hicks, J. S.* and *Wheeling, R. F.*: An efficient method for generating uniformly distributed points on the surface of an  $n$ -dimensional sphere. Nr. 4, S. 17–19.
- Muller, Mervin E.*: A note on a method for generating points uniformly on  $N$ -dimensional spheres. Nr. 4, S. 19–20.
- Survey of progress and trend of development and use of automatic data processing in business and management control systems of the Federal Government, as of december 1957. Nr. 4, S. 22–24, Nr. 5, S. 17–20 und Nr. 9, S. 34–43.
- Carr III, John W.*: Error analysis in floating point arithmetic. Nr. 5, S. 10–15.
- Automatic programming systems. Nr. 5, S. 16.
- Carr III, John W., Perlis, Alan J.* and *Robertson, James E.*: A visit to computation centers in the Soviet Union. Nr. 6, S. 8–20.
- Williams, Francis A.*: Handling identifiers as internal symbols in language processors. Nr. 6, S. 21–24.
- NORC high-speed printer. Nr. 6, S. 25.
- Schwartz, B. L.* and *Cress, H. A.*: A technique for computing critical rotational speeds of flexible shafts on an automatic computer. Nr. 6, S. 27–31.
- Schecher, Heinz*: Programming for a machine with an extended address calculational mechanism. Nr. 6, S. 32–38.
- Wouk, A.*: Remarks on the practical solution of characteristic value problems. Nr. 6, S. 38–39.
- Arden, B.* and *Graham, R.*: On GAT and the construction of translators. Nr. 7, S. 24–26.
- Taranto, Donald*: Binary conversion, with fixed decimal precision, of a decimal fraction. Nr. 7, S. 27.
- Chow, Wen M.*: Parameter estimation for simple nonlinear models. Nr. 7, S. 28–29.
- Shell, D. L.*: A high-speed sorting procedure. Nr. 7, S. 30–32.

- Gschwind, Hans W.*: A real time data assimilator. Nr. 7, S. 33–36.
- Hollingsworth, Jack*: An educational program in computing. Nr. 8, S. 6.
- Bagley, Philip R.*: Proposal for a feasible programming system. Nr. 8, S. 7–10.
- Aegerter, M. J.*: Construction of a set of test matrices. Nr. 8, S. 10–12.
- Statistical programs for the IBM650. Nr. 8, S. 13–18 und Nr. 10, S. 32–37.
- Fein, Louis*: The role of the university in computers, data processing, and related fields. Nr. 9, S. 7–14.
- Blackman, Nelson M.*: Central European computers. Nr. 9, S. 14–18.
- Bemer, R. W.*: A proposal for a generalized card code for 256 characters. Nr. 9, S. 19–23.
- ALGOL sub-committee report: extensions. Nr. 9, S. 24.
- Green, Julien*: Remarks on ALGOL and symbol manipulation. Nr. 9, S. 25–27.
- Shu-T'ien Li*: Octal diagrams of binary conception and their applicability to computer design logic. Nr. 9, S. 28–29.
- Lesh, Fred H.*: Multi-dimensional least-squares polynomial curve fitting. Nr. 9, S. 29–30.
- Hornick, S. D.*: IBM 709 tape matrix compiler. Nr. 9, S. 31–32.
- Wersan, Stephen J.*: The alpha vector transformation of a system of linear constraints. Nr. 9, S. 33–34.
- Machmudov, U. A.*: LEM-1, small size general purpose digital computer using magnetic (ferrite) elements. Nr. 10, S. 3–9.
- J.E.I.D.A. and its computer center. Nr. 10, S. 10–16.
- Proposed standard flow chart symbols. Nr. 10, S. 17–18.
- Kanner, H.*: An algebraic translator. Nr. 10, S. 19–22.
- Brittenham, W. R., Clark, K., Kuss, G. and Thompson, H.*: Sale, a simple algebraic language for engineers. Nr. 10, S. 22–24.
- Recommendations of the SHARE ALGOL committee. Nr. 10, S. 25–26.
- Gorn, S., Ingerman, P. Z. and Crozier, J. B.*: On the construction of micro-flow-charts. Nr. 10, S. 27–31.
- Fike, C. T.*: Oracle curve plotter. Nr. 10, S. 38–39.
- Nadler, M. and Sengupta, A.*: Shift-register code for indexing applications. Nr. 10, S. 40–43.
- Codd, E. F., Lowry, E. S., McDonough, E. and Scalzi, C. A.*: Multiprogramming stretch: feasibility considerations. Nr. 11, S. 13–17.
- Gant, W. T.*: Flow outlining, a substitute for flow charting. Nr. 11, S. 17.
- Knuth, Donald E.*: Runcible, algebraic translation on a limited computer. Nr. 11, S. 18–21.
- Greenwald, Irwin D.*: A technique for handling macro instructions. Nr. 11, S. 21–22.
- Sarafyan, Diran*: A new method of computation of square roots without using division. Nr. 11, S. 23–24.
- Nadler, Morton*: Some notes on computer research in Eastern Europe. Nr. 12, S. 1–2.
- Buchholz, W.*: Fingers or fists? Nr. 12, S. 3–11.



- Wolfe, Philip*: The secant method for simultaneous nonlinear equations. Nr. 12, S. 12–13
- Automatic programming systems. Nr. 12, S. 13.
- Irons, E. T. and Acton, F. S.*: A proposed interpretation in ALGOL. Nr. 12, S. 14 bis 15.
- Humphrey, Stanley M.*: Impact of computer developments. Nr. 12, S. 16–19.
- Conway, R. W., Johnson, B. M. and Maxwell, W. L.*: A queue network simulator for the IBM 650 and Burroughs 220. Nr. 12, S. 20–23.

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