

THE ANNALS of MATHEMATICAL STATISTICS

FOUNDED AND EDITED BY H. C. CARVER, 1930-1938
EDITED BY S. S. WILKS, 1938-1949

THE OFFICIAL JOURNAL OF THE INSTITUTE
OF MATHEMATICAL STATISTICS

Contents

	PAGE
Radon-Nikodym derivatives of Gaussian measures	L. A. SHEPP 321
New methods for reasoning towards posterior distributions based on sample data A. P. DEMPSTER	355
A note on mutual singularity of priors	DAVID A. FREEDMAN 375
On the moments of some one-sided stopping rules	Y. S. CHOW 382
On second moments of stopping rules	Y. S. CHOW AND H. TEICHER 388
Limiting distributions for some random walks arising in learning models M. FRANK NORMAN	393
A system of denumerably many transient Markov chains	S. C. PORT 406
The compound decision problem with $m \times n$ finite loss matrix	J. R. VAN RYZIN 412
On the sample size and simplification of a class of sequential probability ratio tests ADNAN F. IFRAM	425
On a minimal essentially complete class of experiments	SYLVAIN EHRENFELD 435
On the effect of stragglers on the risk of some mean estimators in small samples FRIEDRICH GEBHARDT	441
Estimation of non-unique quantiles	DORIAN FELDMAN AND HOWARD G. TUCKER 451
All admissible linear estimates of the mean vector	ARTHUR COHEN 458
A note on the sphericity test	LEON J. GLESER 464
On certain distribution problems based on positive definite quadratic functions in normal vectors	C. G. KHATRI 468
Linear combinations of non-central chi-square variates	SHELDON JAMES PRESS 480
Some equivalence classes in paired comparisons	JOSEPH B. KADANE 488

(Continued on back cover)

Vol. 37, No. 2—April 1966