

**A BIBLIOGRAPHY OF THE PUBLICATIONS
BY CHARLES M. STEIN**

1. A two-sample test for a linear hypothesis whose power is independent of the variance. *Ann. Math. Statist.* **16** (1945), 243-258.
2. A note on cumulative sums. *Ann. Math. Statist.* **17** (1946), 498-499.
3. (with Wald, A.) Sequential confidence intervals for the mean of a normal distribution with known variance. *Ann. Math. Statist.* **18** (1947), 427-433.
4. (with Lehmann, E. L.) Most powerful tests of composite hypotheses. I. Normal distributions. *Ann. Math. Statist.* **19** (1948), 495-516.
5. Some problems in sequential estimation. *Econometrica* **17** (1949), 77-78.
6. (with Lehmann, E. L.) On the theory of some nonparametric hypotheses. *Ann. Math. Statist.* **20** (1949), 28-45.
7. Unbiased estimates with minimum variance. *Ann. Math. Statist.* **21** (1950), 406-415.
8. (with Lehmann, E. L.) Completeness in the sequential case. *Ann. Math. Statist.* **21** (1950), 376-385.
9. A property of some tests of composite hypotheses. *Ann. Math. Statist.* **22** (1951), 475-476.
10. (with Lehmann, E. L.) The admissibility of certain invariant statistical tests involving a translation parameter. *Ann. Math. Statist.* **24** (1953), 473-479.
11. A necessary and sufficient condition for admissibility. *Ann. Math. Statist.* **26** (1955), 518-522.
12. The admissibility of Hotelling's T^2 -test. *Ann. Math. Statist.* **27** (1956), 616-623.
13. Efficient nonparametric testing and estimation. *Proceedings of the Third Berkeley Symposium on Mathematical Statistics and Probability, 1954-1955*, Vol I, pp. 187-195. University of California Press, Berkeley and Los Angeles, 1956.

14. Inadmissibility of the usual estimator for the mean of a multivariate normal distribution. *Proceedings of the Third Berkeley Symposium on Mathematical Statistics and Probability, 1954-1955*, Vol I, pp. 197-206. University of California Press, Berkeley and Los Angeles, 1956.
15. The admissibility of Pitman's estimator of a single location parameter. *Ann. Math. Statist.* **30** (1959), 970-979.
16. An example of wide discrepancy between fiducial and confidence intervals. *Ann. Math. Statist.* **30**, (1959), 877-880.
17. Multiple regression. *Contributions to Probability and Statistics* pp. 424-443. Stanford University Press, Stanford, Calif., 1960.
18. (with James, W.) Estimation with quadratic loss. *Proc. 4th Berkeley Sympos. Math. Statist. and Prob.*, Vol. I, pp. 361-379.. Univ. California Press, Berkeley, CA, 1961.
19. Confidence sets for the mean of a multivariate normal distribution. *J. Roy. Statist. Soc. Ser. B* **24** (1962), 265-296.
20. A remark on the likelihood principle. *J. Roy. Statist. Soc. Ser. A* **125** (1962), 565-568.
21. (with Giri, N. and Kiefer, J.) Minimax character of Hotelling's T^2 test in the simplest case. *Ann. Math. Statist.* **34** (1963), 1524-1535.
22. Inadmissibility of the usual estimator for the variance of a normal distribution with unknown mean. *Ann. Inst. Math. Statist.* **16** (1964), 155-160.
23. Approximation of improper prior measures by prior probability measures. *Proc. Internat. Res. Sem.*, Statist. Lab., Univ. California, Berkeley, Calif., 1963, pp. 217-240. Springer-Verlag, New York, 1965.
24. An approach to the recovery of inter-block information in balanced incomplete block designs. *Research Papers in Statistics (Festschrift J. Neyman)* pp. 351-366. John Wiley, London, 1966.
25. Some recent developments in mathematical statistics. *Proc. Internat. Congr. Math.* (Moscow, 1966) pp. 140-157. Izdat. "Mir", Moscow, 1968.

26. (with Portnoy, S.) Inadmissibility of the best invariant test in three or more dimensions. *Ann. Math. Statist.* **42** (1971), 799-801.
27. A bound for the error in the normal approximation to the distribution of a sum of dependent random variables. *Proceedings of the Sixth Berkeley Symposium on Mathematical Statistics and Probability* (Univ. California, Berkeley, Calif., 1970/1971), Vol. II: Probability Theory, pp. 583-602. Univ. California Press, Berkeley, Calif., 1972.
28. Estimation of the mean of a multivariate normal distribution. *Proceedings of the Prague Symposium on Asymptotic Statistics* (Charles Univ., Prague, 1973), Vol. II, pp. 345-381. Charles Univ., Prague, 1974.
29. Lectures on multivariate estimation theory (in Russian). Presented at LOMI, 1976. Russian text prepared by the author with the assistance of M. Ermakov, A. Borodin, A. Makvsanov and M. S. Nikulin. Studies in statistical estimation theory, I *Zap. Nauchn. Sem. Leningrad. Otdel. Mat. Inst. Steklov. (LOMI)* **74** (1977), 4-65, 146, 148.
30. (with Diaconis, P.) Some Tauberian theorems related to coin tossing. *Ann. Probab.* **6** (1978), 483-490.
31. Asymptotic evaluation of the number of Latin rectangles. *J. Combin. Theory Ser. A* **25** (1978), 38-49.
32. (with Efron, B.) The jackknife estimate of variance. *Ann. Statist.* **9** (1981), 586-596.
33. Estimation of the mean of a multivariate normal distribution. *Ann. Statist.* **9** (1981), 1135-1151.
34. (with Anderson, T. W. and Zaman, A.) Best invariant estimation of a direction parameter. *Ann. Statist.* **13** (1985), 526-533.
35. On the coverage probability of confidence sets based on a prior distribution. *Sequential Methods in Statistics*, 485-514, Banach Center Publ., **16**, PWN, Warsaw, 1985.
36. Lectures on the theory of estimation of many parameters. *J. Math. Sci.* **34** (1986), 1373-1403.

37. *Approximate Computation of Expectations*. IMS Lecture Notes Monogr. Ser. **7**. IMS, Hayward, CA, 1986.
38. (with Baldi, P. and Rinott, Y.) A normal approximation for the number of local maxima of a random function on a graph. *Probability, Statistics, and Mathematics*, 59-81, Academic Press, Boston, MA, 1989.
39. A way of using auxiliary randomization. *Probability Theory* (Singapore, 1989), 159-180, de Gruyter, Berlin, 1992.
40. (Diaconis, P., Holmes, S. and Reinert, G.) Use of exchangeable pairs in the analysis of simulations. *Stein's Method: Expository Lectures and Applications*, 1-26, IMS Lecture Notes Monogr. Ser. **46**. IMS, Beachwood, OH, 2004.

Unpublished Lecture Notes/Manuscripts/Technical Reports

40. Some problems in multivariate analysis, Part I. Technical Report No. 6, Dept. Statistics, Stanford University, Stanford, CA, 1956.
41. Approximation by improper prior measures by prior probability measures. Technical Report No. 12, Dept. Statistics, Stanford University, Stanford, CA, 1964.
42. Multivariate analysis I (Notes prepared by M. L. Eaton). Technical Report No. 42, Dept. Statistics, Stanford University, Stanford, CA, 1969.
43. Estimation of the parameters of a multivariate normal distribution II: estimation of a covariance matrix, 1975.
44. On the Turán-Kubilius inequality. Technical Report No. 220, Dept. Statistics, Stanford University, Stanford, CA, 1984.
45. The number of regular graphs of given degree and order. Technical Report No. 315, Dept. Statistics, Stanford University, Stanford, CA, 1989.

46. On the accuracy of the normal approximation to the distribution of the traces of powers of random orthogonal matrices. Technical Report No. 470, Dept. Statistics, Stanford University, Stanford, CA, 1995.