PROBABILITY AND MATHEMATICAL STATISTICS Vol. 4, Fasc. 2 (1984), pp. 197–205

ROBUST ESTIMATION AND FINITE POPULATION

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Abstract: The main problem in this paper is to examine the robust estimator of a population total in the context of Royall and Herson [3] under multiple regression superpopulation models. The condition on the sample that protects the estimator against bias is studied for polynomial regression models.

2000 AMS Mathematics Subject Classification: Primary: -; Secondary: -; Key words and phrases: -

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