

**98f:62033** 62E20 62G10

**Babu, Gutti Jogesh** (1-PAS-S); **Padmanabhan, A. R.** (5-MNSH)

**A robust test for omnibus alternatives. (English. English summary)**

*Research developments in probability and statistics*, 319–327, *VSP, Utrecht*, 1996.

The authors consider four robust measures, one each for location, spread, skewness and kurtosis and consider the difference on each of these aspects between two populations. The maximum difference on these four measures is their statistic  $V$ , whose distribution they study through Monte Carlo methods and bootstrapping, which they justify.

{For the entire collection see MR 98b:60004.}

*S. Rao Jammalamadaka* (1-UCSB)