

## CHARACTERIZATION BASED ON CONDITIONAL DISTRIBUTIONS

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**Abstract.** The field of application of a result given by Singh and Vasudeva (1984, *J. Indian Statist. Assoc.*, **22**, 93-96) which provides a way of characterizing the distribution of a random variable  $X$ , through conditional distributions of a second variable  $Z$ , given  $X$ , is extended.

*Key words and phrases:* Characterization, conditional distribution.