

國立高雄大學統計學研究所  
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姓名：柯竣元

題目：Characterizations of Probability Distributions Via Bivariate  
Regression of Record Values

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摘要：

Bairamov et al. characterize the exponential distribution in terms of the regression of a function of a record value with its adjacent record values as covariates. We extend these results to the case of non-adjacent covariates. We also consider a more general setting involving monotone transformations. As special cases, we present characterizations involving weighted arithmetic, geometric, and harmonic means.

指導教授簽名：