

Compositional Random Data: a routine for CoDaPack

M. COMAS-CUFÍ¹, G. MATEU-FIGUERAS² and S. THIÓ-HENESTROSA²

¹Departament d'Estadística i Investigació Operativa - UdG, Spain mcomas@ima.udg.edu

² Departament d'Estadística i Investigació Operativa - UdG, Spain

Abstract

Generation of random variables are needed in the simulations of many natural process. For some random variables, different methodologies are known, specially into euclidean spaces. In this paper a routine for dealing with random variables into a simplex space with the Aitchison geometry is presented. The routine has been implemented for the CoDaPack, a freeware software developed to be used for users with minimum programming skills.