

**USING REAL DATA ON BELIEFS ABOUT MATHS TO IMPROVE PRIMARY
TEACHERS STUDENTS' CAPACITIES IN STATISTIC EDUCATION**

José Carlos Carrión Pérez, University of Las Palmas de Gran Canaria, Spain
carlos.carrion@ulpgc.es

The Survey for Mathematics Pedagogy and General Pedagogy Educators, developed by the International Association for the Evaluation of Educational Achievement - Teacher Education and Development Study in Mathematics in 2008, was initially passed to Mathematics, Mathematics Educators, but General Educators too. We have extended it to students also; we used only parts A and K and had got a sample of 135 tests with 10 questions about background and 34 questions on beliefs about Mathematics. Results of questionnaires were brought to students during several sessions on Statistic Education. Those students, who are being preparing to become Primary Teachers, did a complete statistic study from the original results, and gave special attention to making, reading and translating graphs. The whole process is presented in this work.