

## ***Demonstrating the Regression Effect with Spreadsheets***

**Kostas D. Stroumbakis**, Queensborough Community College, CUNY

### ***Abstract***

Statistical literacy is an important element of introductory courses with nation-wide effort to incorporate it in the curriculum. Exposing misconceptions and fallacies provides need-to-know opportunities for the underlying statistical concepts. This article describes how to use data and spreadsheets to demonstrate the regression effect, also known as regression to the mean. The regression effect is linked to the regression fallacy and not frequently discussed in textbooks.



**Kostas D. Stroumbakis** (kstroumbakis@qcc.cuny.edu) is an assistant professor in the Mathematics and Computer Science Department at Queensborough Community College, CUNY. Previously, he had a career as a software and database developer for Internet applications. He holds an MA in mathematics from The City College of New York, CUNY and an EdDCT, from Teachers College, Columbia University. He is interested in increasing student engagement and success through emphasis on conceptual understanding.