MetaMath and MathGeAr Results

Pedro Lealdino Filho

2/12/2017

load(file = "DataOMSU.RData")

## Content

The evaluation of the courses in MetaMath and MathGeAr projects focused in assessing the performance of the students from the participant universities.

## Participant Students

Aproximately 2000 students completed the assessment during the years of the projects.

## The Assessment

Each university developed their own performance test for each course.

## MetaMath Universities

### OMSU

summary(DataOMSU)

## student university course pretest   
## Min. :648.0 OMSU :82 course :82 Min. : 6.00   
## 1st Qu.:668.2 ASPU : 0 calculus : 0 1st Qu.:22.00   
## Median :688.5 ATSU : 0 courseone : 0 Median :28.00   
## Mean :688.5 BSU : 0 coursetwo : 0 Mean :28.68   
## 3rd Qu.:708.8 GTU : 0 data antalysis : 0 3rd Qu.:34.00   
## Max. :729.0 KAI : 0 discrete mathematics: 0 Max. :59.00   
## (Other): 0 (Other) : 0   
## postest treatment diff   
## Min. : 9.00 mod:45 Min. :-7.00   
## 1st Qu.:34.00 old:37 1st Qu.: 9.00   
## Median :47.00 Median :17.00   
## Mean :47.02 Mean :18.34   
## 3rd Qu.:58.25 3rd Qu.:28.00   
## Max. :88.00 Max. :44.00   
##

## Including Plots

You can also embed plots, for example:



Note that the echo = FALSE parameter was added to the code chunk to prevent printing of the R code that generated the plot.