

Data Driven Decisionmaking: Introduction to the Course



WILLIAM & MARY

CHARTERED 1693



WILLIAM & MARY

CHARTERED 1693



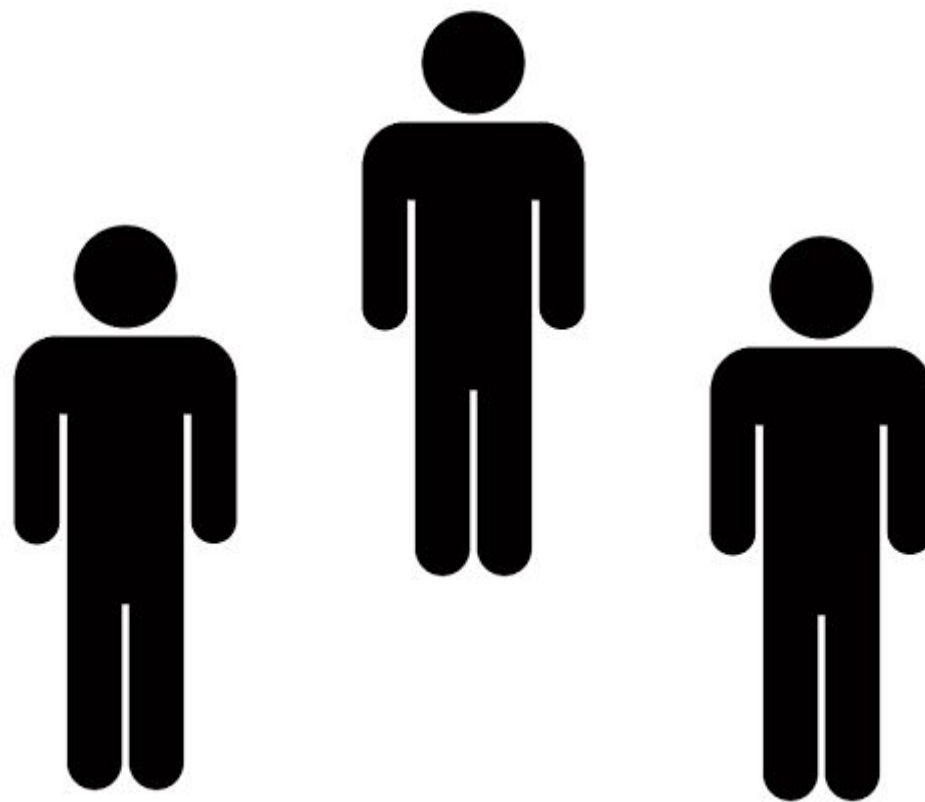
WILLIAM & MARY

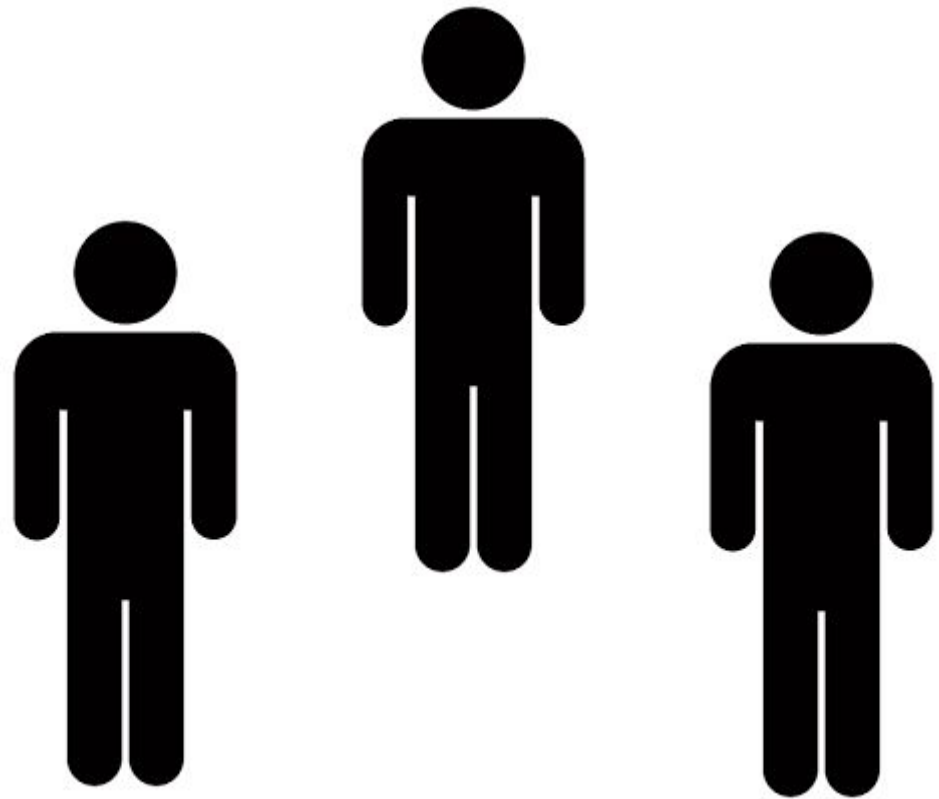
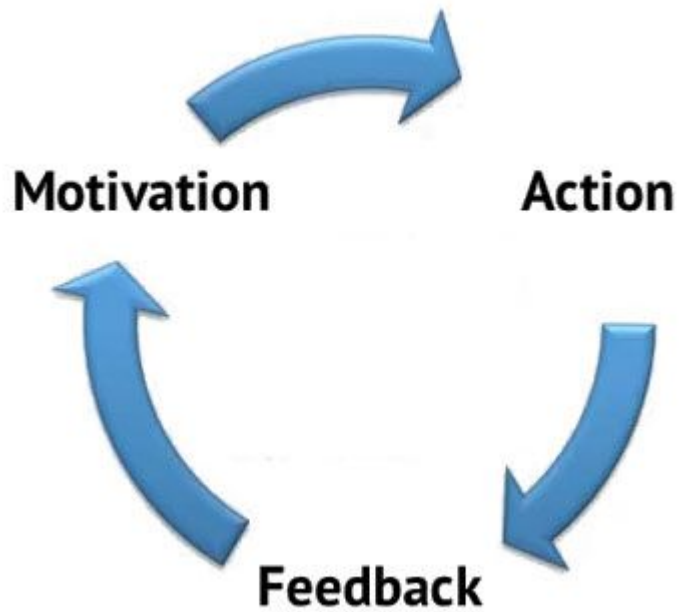
CHARTERED 1693



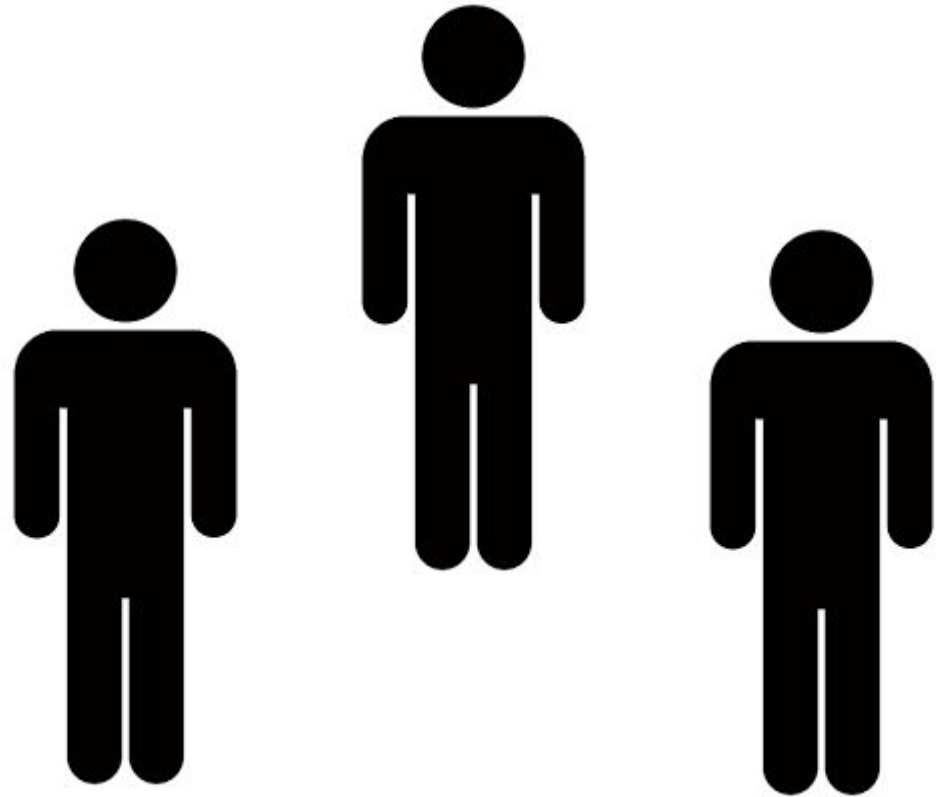
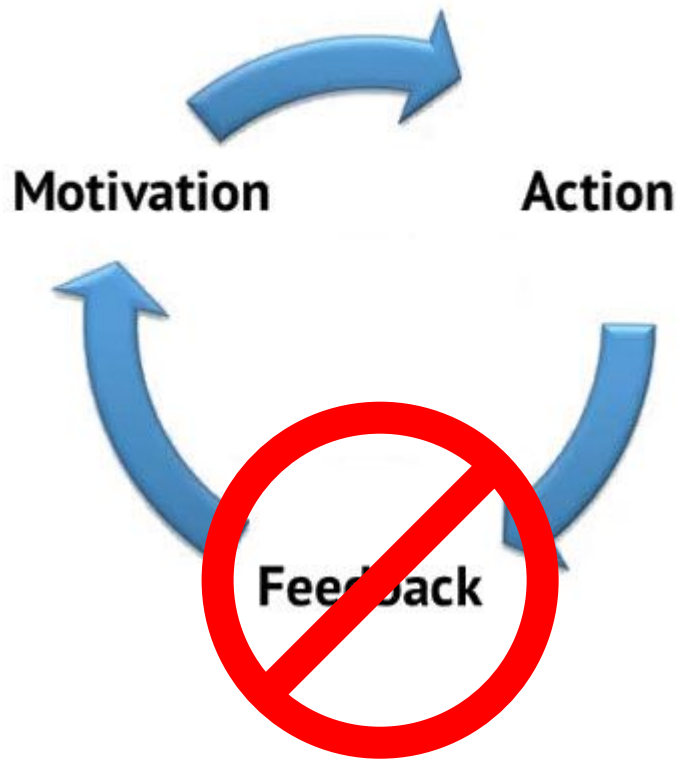
WILLIAM & MARY

CHARTERED 1693





WILLIAM & MARY
CHARTERED 1693



WILLIAM & MARY
CHARTERED 1693

HOME

**" MY LOVE FOR
HUMANS WILL
NEVER FADE "**
- hitchBOT

SHOW YOUR LOVE



WILLIAM & MARY

CHARTERED 1693

U.S.

Hitchhiking Robot, Safe in Several Countries, Meets Its End in Philadelphia

By DANIEL VICTOR AUG. 3, 2015



WILLIAM & MARY

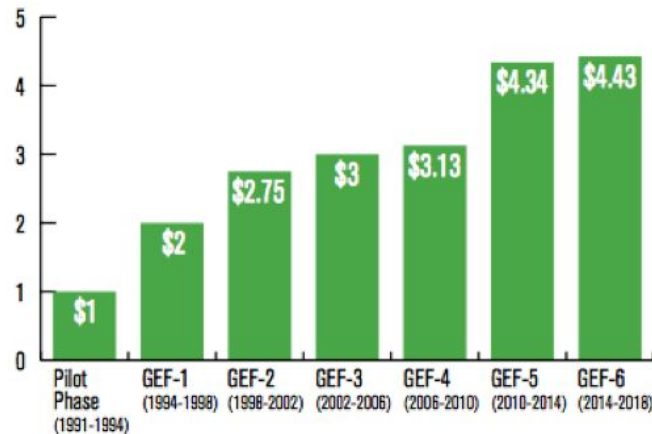
CHARTERED 1693



WILLIAM & MARY

CHARTERED 1693

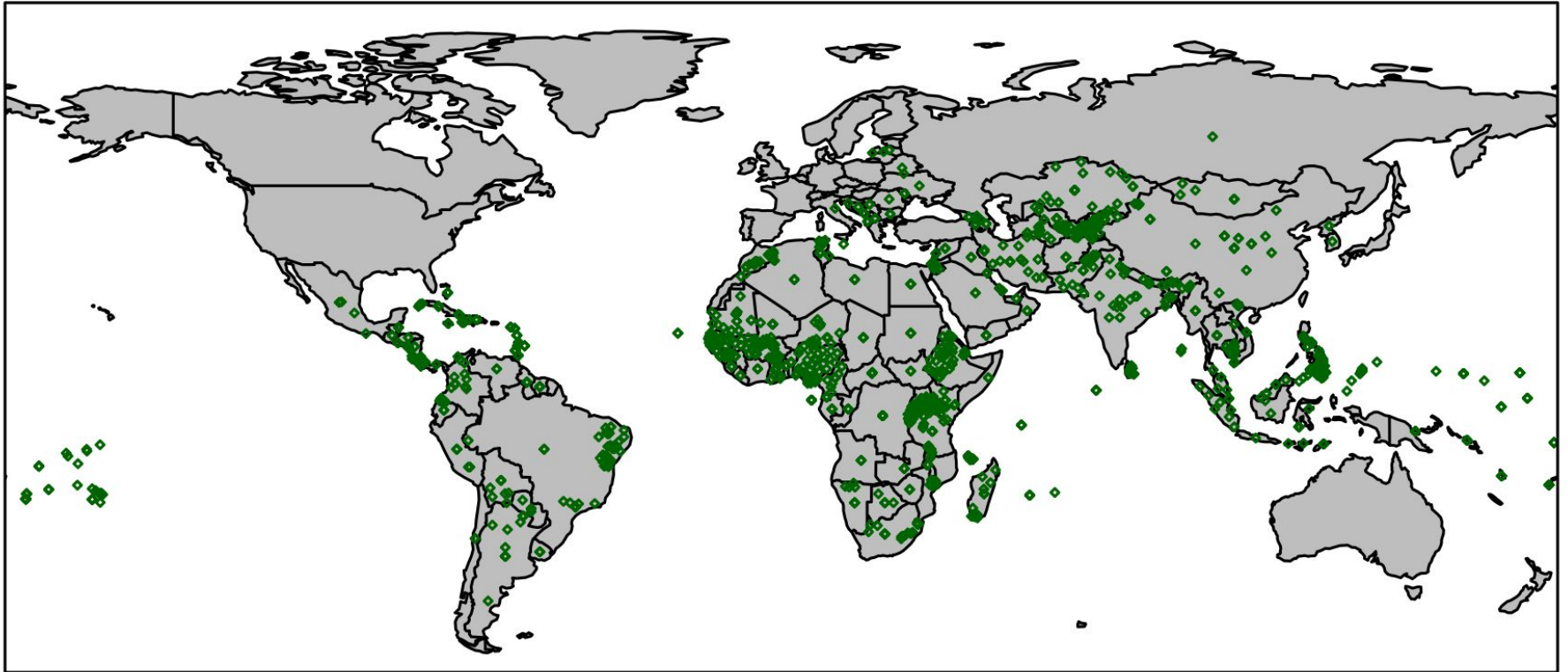
GEF funds are available to developing countries and countries with economies in transition to meet the objectives of the international environmental conventions and agreements.



WILLIAM & MARY

CHARTERED 1693

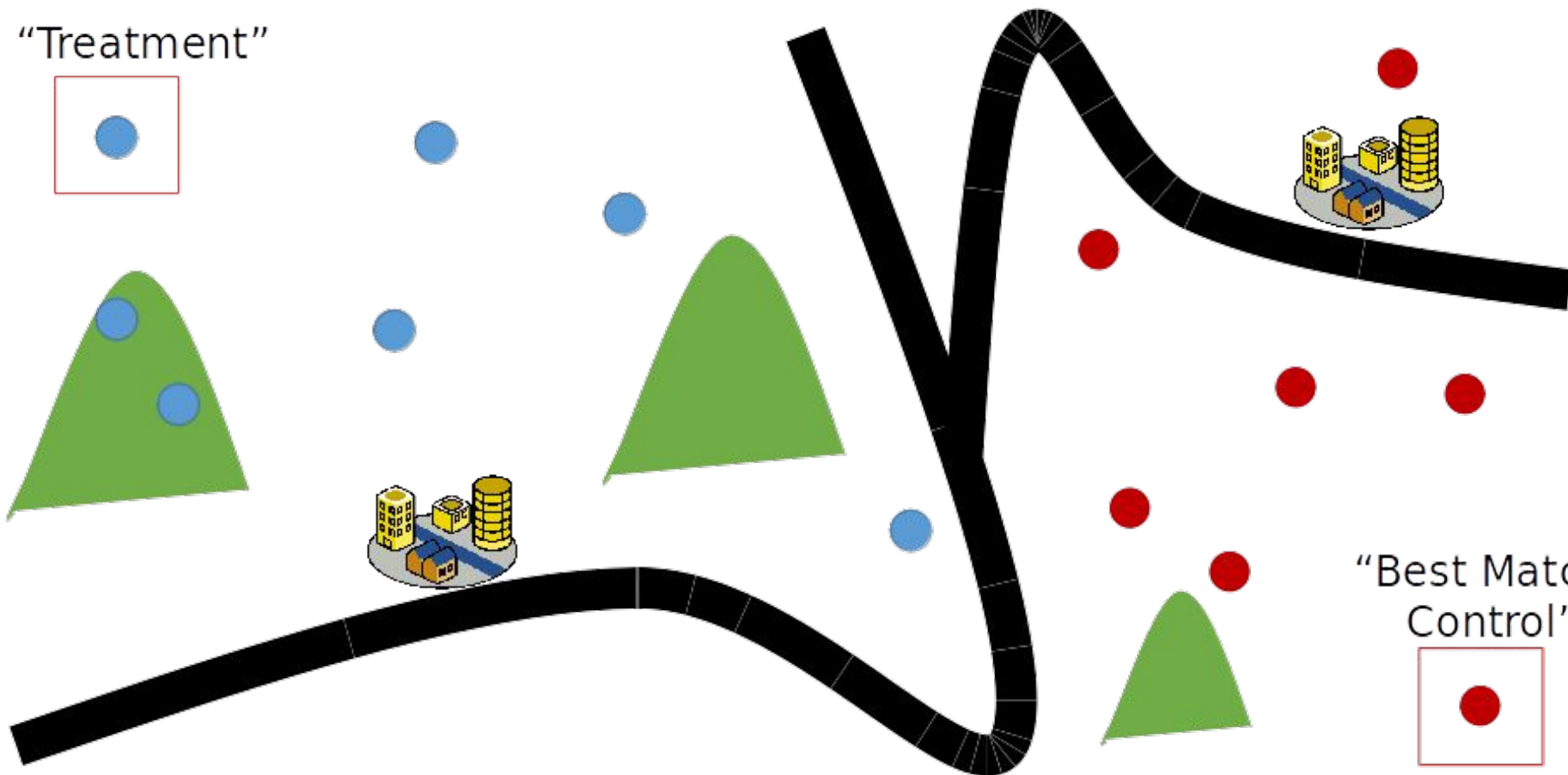
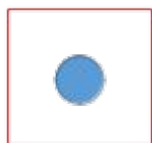
Location of GEF Land Degradation Projects



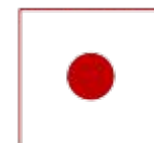
WILLIAM & MARY

CHARTERED 1693

“Treatment”



“Best Match
Control”



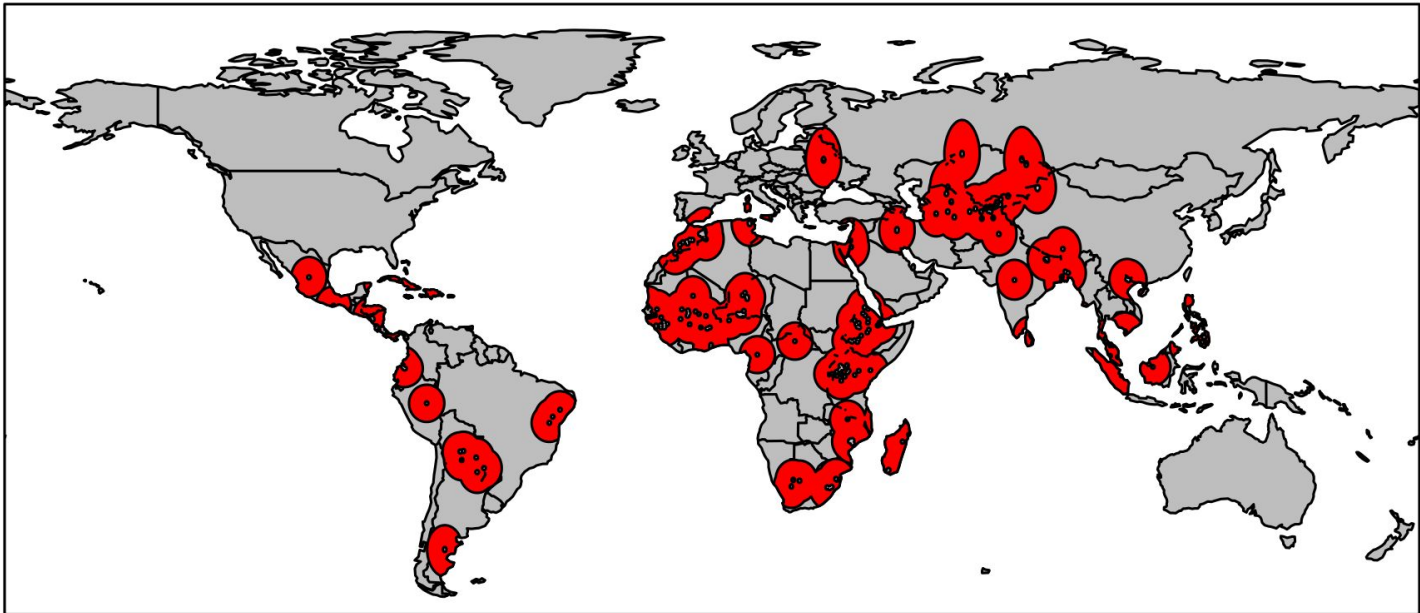
-
- World Bank Project Location (funding locations).
 - Candidate Control Location (can search across any set of relevant geographies)



WILLIAM & MARY

CHARTERED 1693

“Where are my billions of dollars working?”

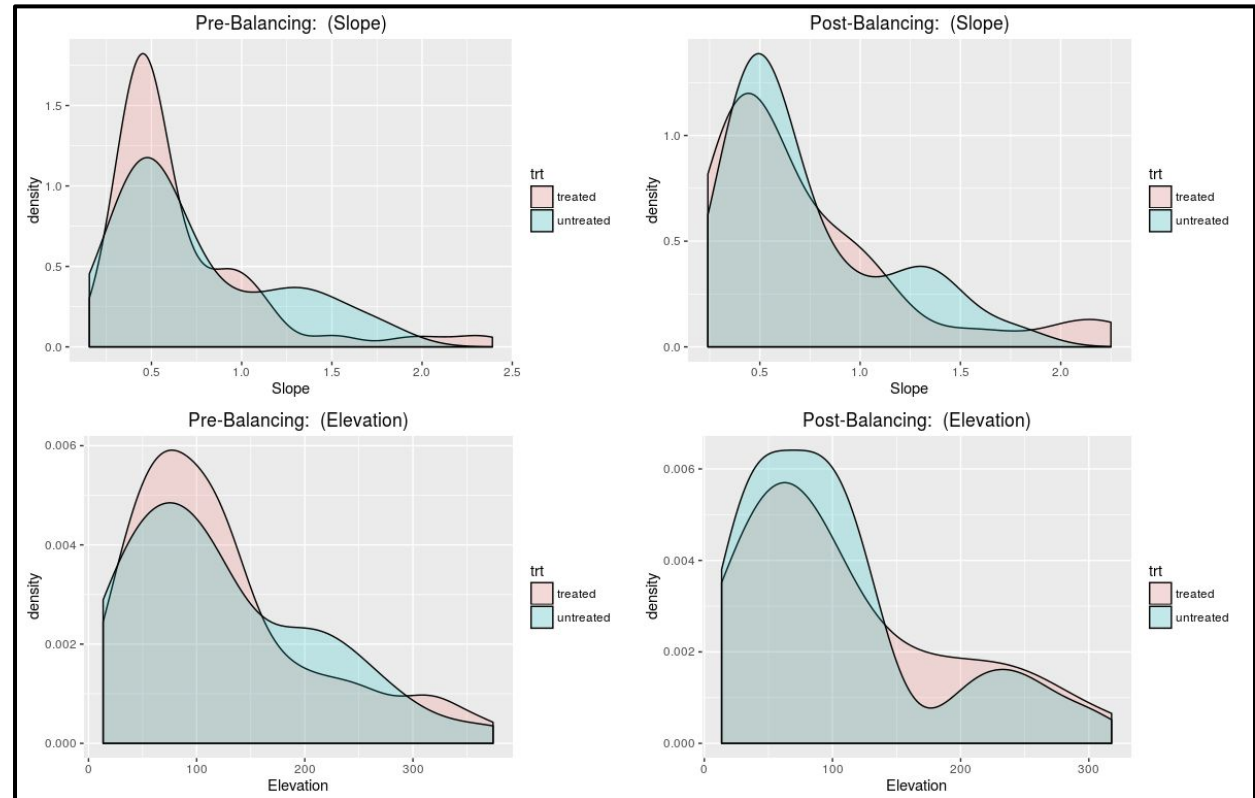


longitude < 29

0.09
n=72

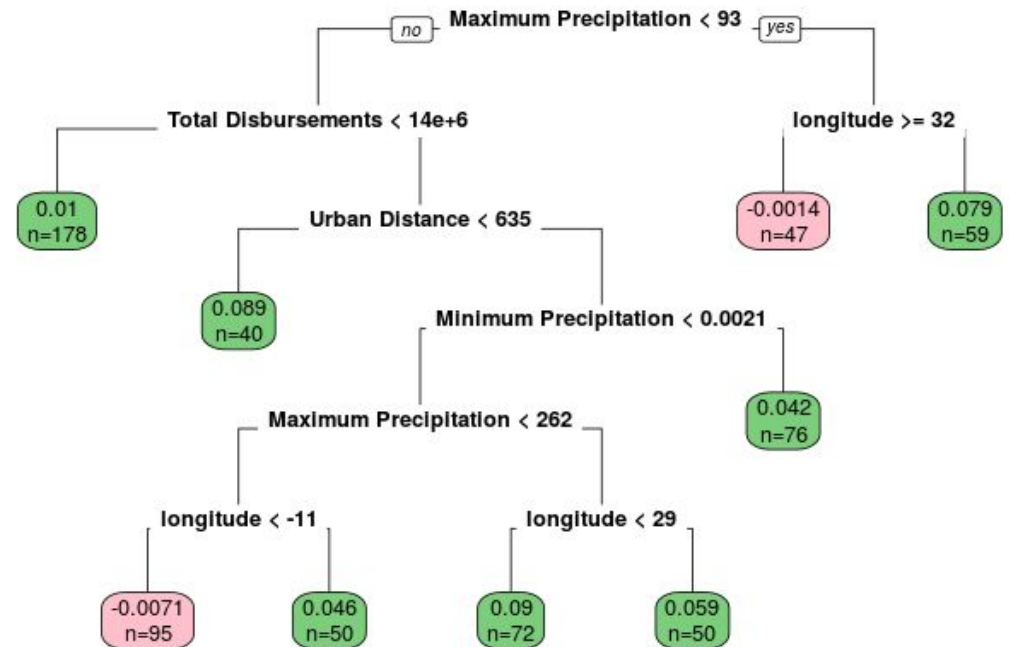
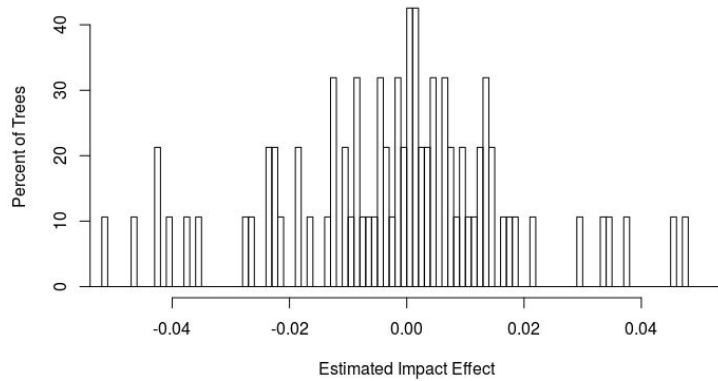
0.059
n=50

(geo)
cognitive
analytics



WILLIAM & MARY
CHARTERED 1693

Random Forest CT Result



WILLIAM & MARY
CHARTERED 1693

A Value for Money Analysis of GEF Interventions in Land Degradation and Biodiversity



This study determines the value for money of GEF land degradation and biodiversity projects as measured by key UNCCD and CBD indicators

FINDINGS

1. Overall global positive impact. Evidence from this analysis suggests that GEF land degradation and biodiversity projects have had a global net positive impact on both forest cover and vegetation productivity, as well as the associated differ-

degradation), in particular in areas with lower temperatures.

- Land degradation projects tended to have longer-term impacts and performed better than biodiversity projects in areas with poor initial states.

PURPOSE AND METHODS: This study integrates satellite and other sources of spatial data on the geographic location of Global Environment Facility (GEF) land degradation and biodiversity projects, as well as related measurements on indicators suggested by the United Nations Convention to Combat Desertification (UNCCD) and the Convention on Biological Diversity (CBD). These data, alongside related information on the geo-



WILLIAM & MARY

CHARTERED 1693

Nonparametric or Parametric?



WILLIAM & MARY
CHARTERED 1693

Causal or Predictive?



WILLIAM & MARY
CHARTERED 1693

Transparent or Black Box?



WILLIAM & MARY
CHARTERED 1693



WILLIAM & MARY

CHARTERED 1693

Let's go get HPC accounts!

(Also, what's a HPC?)



WILLIAM & MARY

CHARTERED 1693

A brief run to Jupyter.



WILLIAM & MARY
CHARTERED 1693

Syllabus & Next Week



WILLIAM & MARY
CHARTERED 1693