Data Sets:

Bee Microbiome:

* Type: Classification
* Length: 73
* Dimensions: 44
* Features: Species in Bee Microbiome
* Targets: Apiary

Microbiome R Package:

HITChip:

* + Type: Unlabelled
  + Length: 1151
  + Dimensions: 130
  + Features: Human Microbiome
  + Targets: N/A

Dietswap:

* + Type: Unlabelled/Classification
  + Length: 222
  + Dimensions: 130
  + Features: Human Microbiome
  + Targets: Potentially Nationality

Microbiota vs metabolites:

* + Type: Classification/Regression
  + Length: 44
  + Dimensions: 519
  + Features: Human Microbiome/Blood Lipids
  + Targets: Could use e.g. blood serum levels before/after

Aitchinson: Collection of small datasets from book and paper.

MASS R package:

Glass Compositions (fgl):

* Type: Classification/Regression
* Length: 214
* Dimensions: 10
* Features: 8 entries each representing quantity of an element in the glass
* Targets: Type of glass, 6 levels or Refractive Index as a Real Number

US Cereal Nutrition (USCereal):

* Type: Classification
* Length: 65
* Dimensions: 11
* Features: Calories, macronutrients, sodium potassium, vitamins
* Targets: Manufacturer

Counts of waders in South Africa:

* Type: Classification/Unlabelled
* Length: 15
* Dimensions: 19
* Features: Counts of species
* Targets: None (or potentially subset of sites)

Paleoclimate data:

@ <https://github.com/jtipton25/compositional-inverse-prediction/tree/master/data>

(Preprocessing code also available @ the above github)

* Type: Regression (compositional response)
* Length: 356
* Dimensions: 24
* Features: Water Depth
* Targets: Species Compositions