Costing Portal Data Preliminary Analysis

CIL Lab

2024-03-20

# Objective:

As a lab group, we developed some code to clean the costing portal dataset

# Background:

The initial dataset was a mess!

# Methods

First we standardized data fields for analysis. We did things like make assumptions about XXX, and define Y and Z.

We then performed some summary statistics to better understand the dataset. Specifically, we explored the number and proportion of studies that included cost data that involved protected area (PA) establishment or management costs, and also mention of the different categories of costs across the studies.

We also explored the relationship between how many years of cost data were collected for a study (its duration) and the time it was published.

# Results

|  | count | percent |
| --- | --- | --- |
| PA costs | 15 | 0.19 |
| Capital costs | 40 | 0.52 |
| Consumable costs | 23 | 0.30 |
| Labor costs | 34 | 0.44 |
| Overhead costs | 6 | 0.08 |

