

Itau – Insurance Auditor Dashboard

Basma Moharram
AIS - PhD Candidate
Rutgers University

The Data

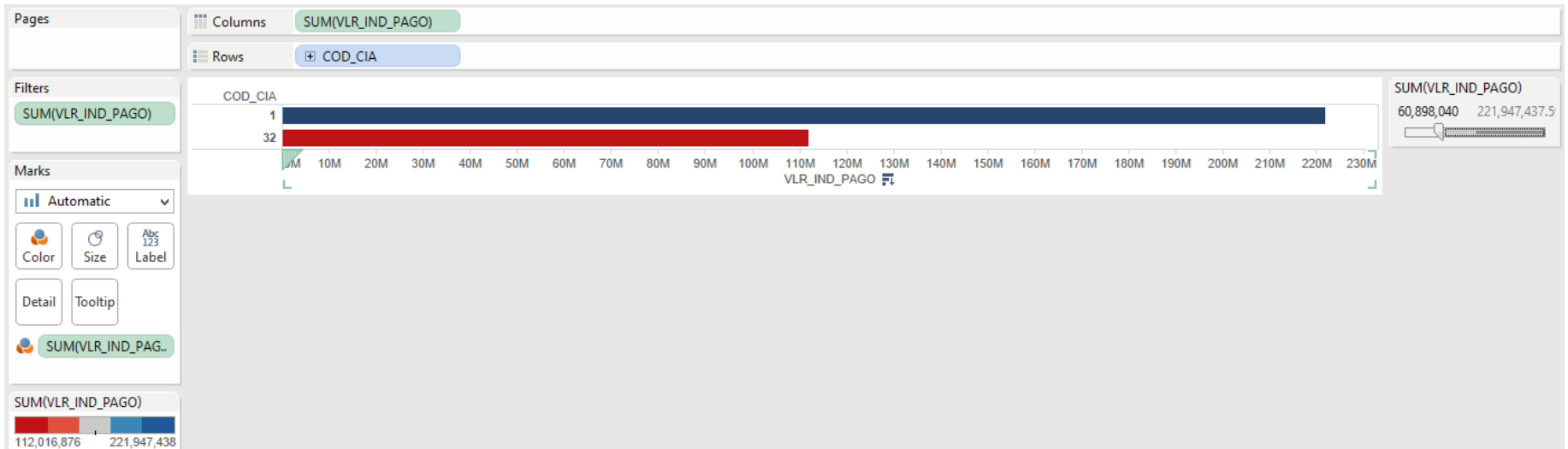
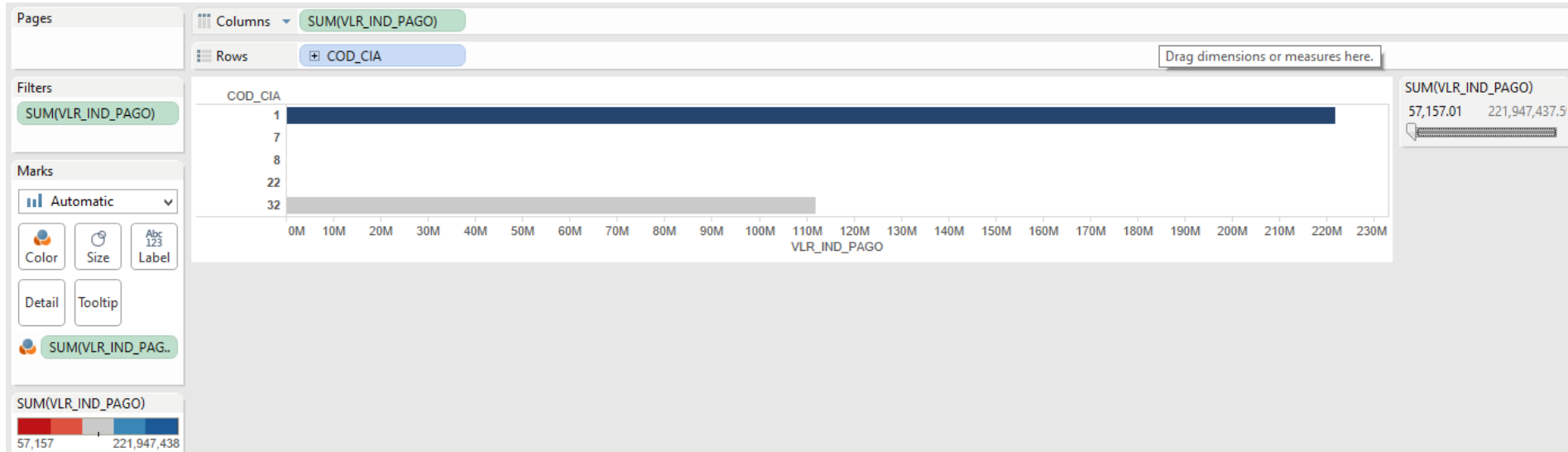
- Type of claims we have:
 - Life / Disability.
 - Group / Individual.
- For these claims we have information about:
 - Coverage
 - Beneficiaries
 - Collection of Premiums
 - Payments of Claims

The Objectives

- For our work with ITAU Insurance we have different objectives.
- For the purpose of this presentation we are only discussing the following objectives:
 - Creating an Auditor Dashboard to assist in the audit plan.
 - We are using guidelines from the AICPA electronic guide book for Life and Accidental Insurance.

EXPLORATORY ANALYSIS

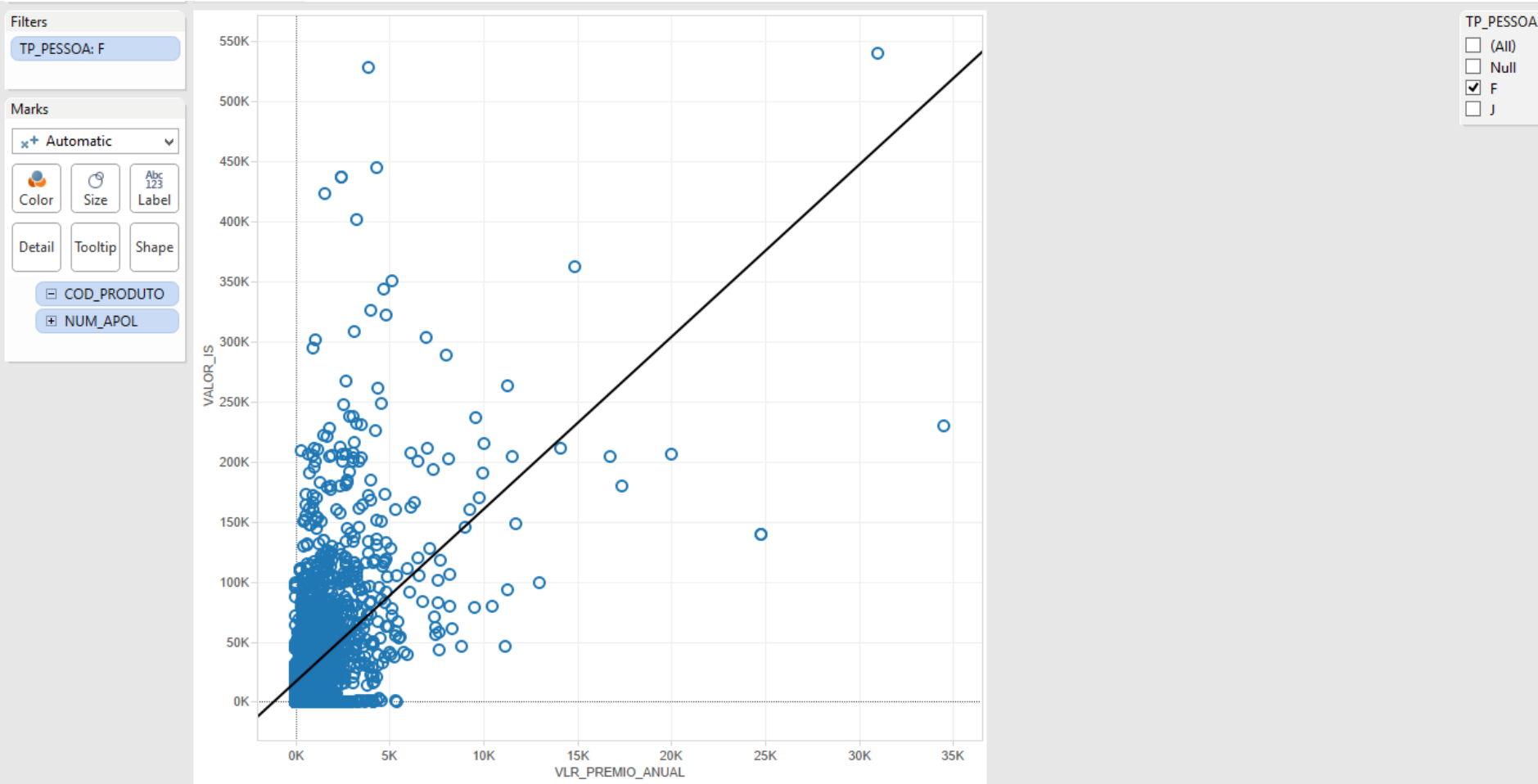
Exploratory analysis Claim Values



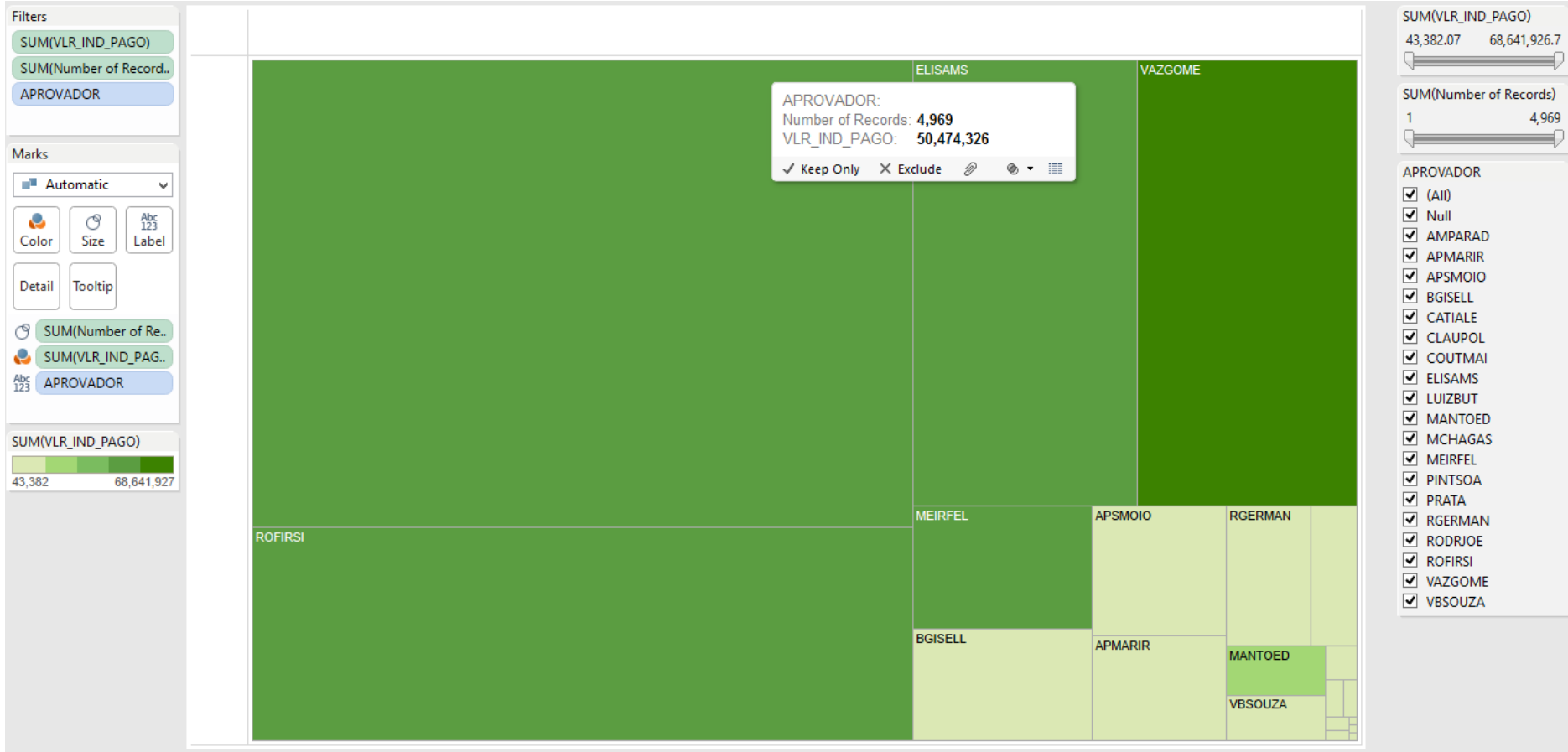
Exploratory analysis Claim Values



Exploratory analysis Premium to Face Value



Exploratory analysis Approvers Activity



APROVADOR: **PRATA**
 Number of Records: **1**
 VLR_IND_PAGO: **228,000**

✓ Keep Only ✗ Exclude

Example of

AUDIT ASSERTIONS

Audit Assertions

IS the claim settlement reasonable?

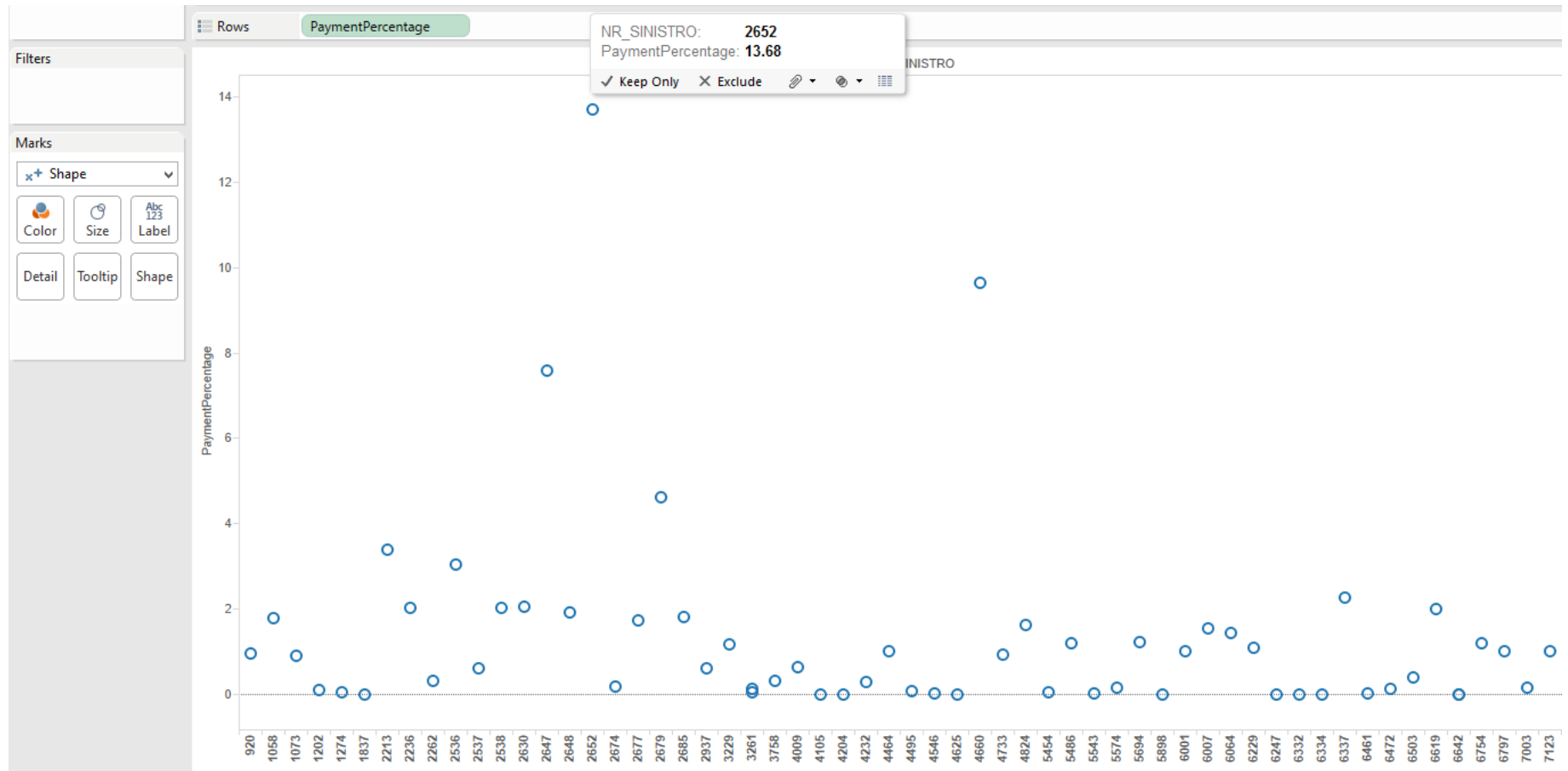
- What we have are:
 - A lump sum of the total payment to the client.
 - Date of filing the claim.
 - Date of payment.

- From the above we can get (Group 1):
 - Days till Payment (Date of Payment - Date of filing the claim).
 - Estimated Daily Interest (excess payment / days till payments “over 30 days”).

- The following shows the distribution of “Estimated daily interest”.

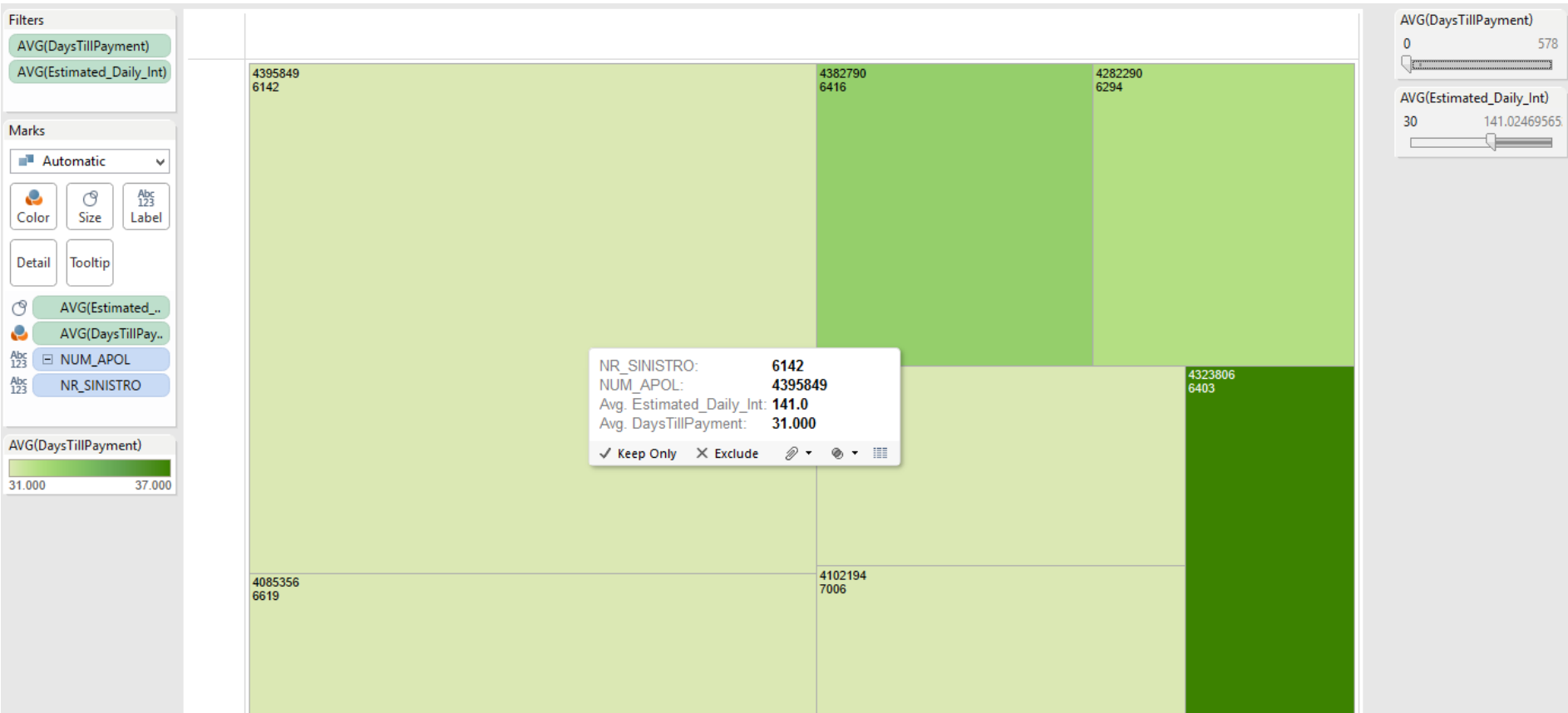
Audit Assertions

IS the claim settlement reasonable? Interest Rates



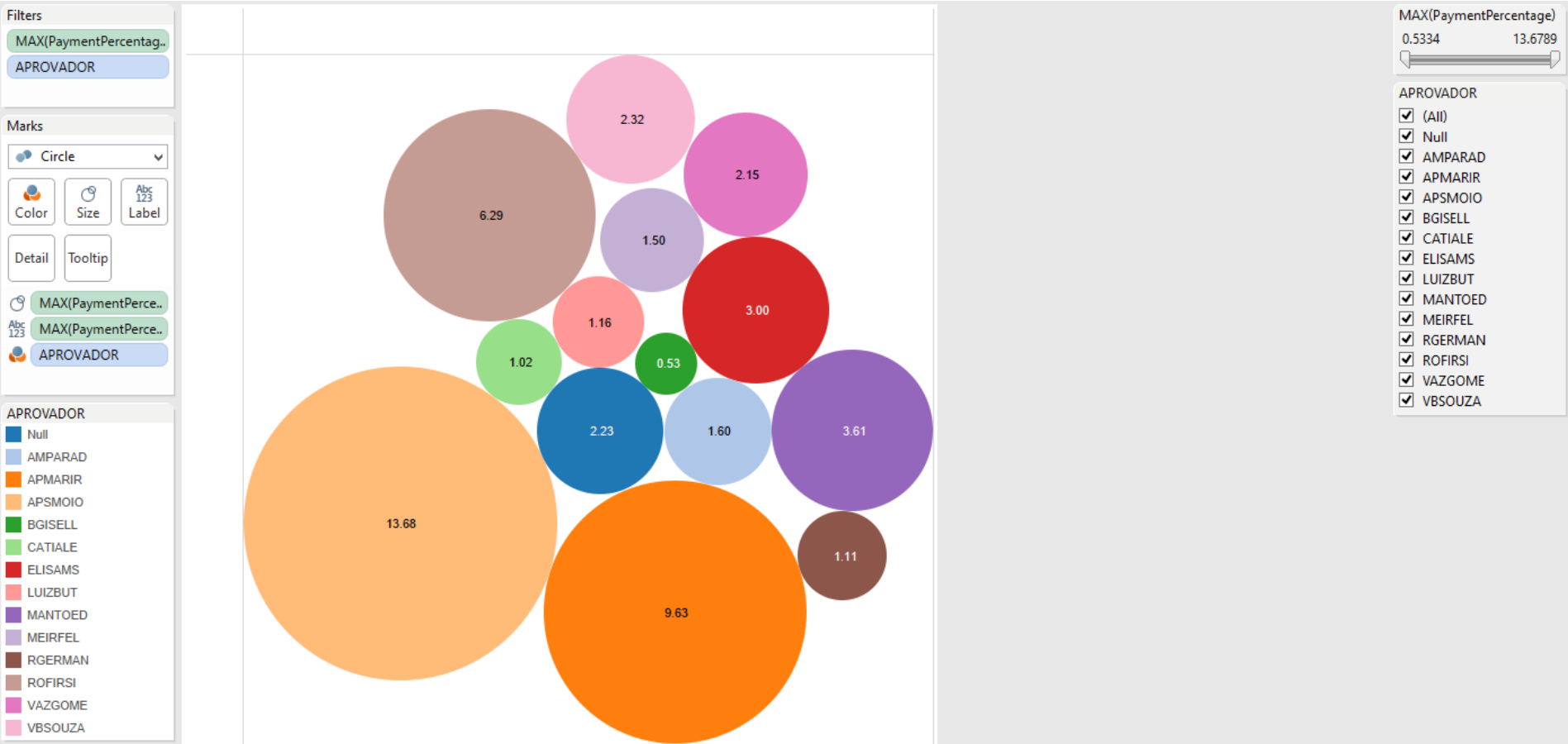
Audit Assertions

IS the claim settlement reasonable? Interest Rates with Days till Payment



Audit Assertions

IS the claim settlement reasonable? Interest Rates with Approvers





Obrigado!

