

# Linked Open Social Data for Scientific Benchmarking

## (Supporting Information document)

Renato Fabbri<sup>a,1,\*</sup>, Osvaldo Novais de Oliveira Junior<sup>a,1</sup>

*<sup>a</sup>São Carlos Institute of Physics, São Paulo University, Brazil*

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### Abstract

This is a Supporting Information document which exposes ontological diagrams and auxiliary tables for the Linked Open Social Data (LOSD) database. The main article is in [1].

*Keywords:* Big Data, Data Mining, Benchmark Data, Facebook, Twitter, IRC, Email, Complex Networks

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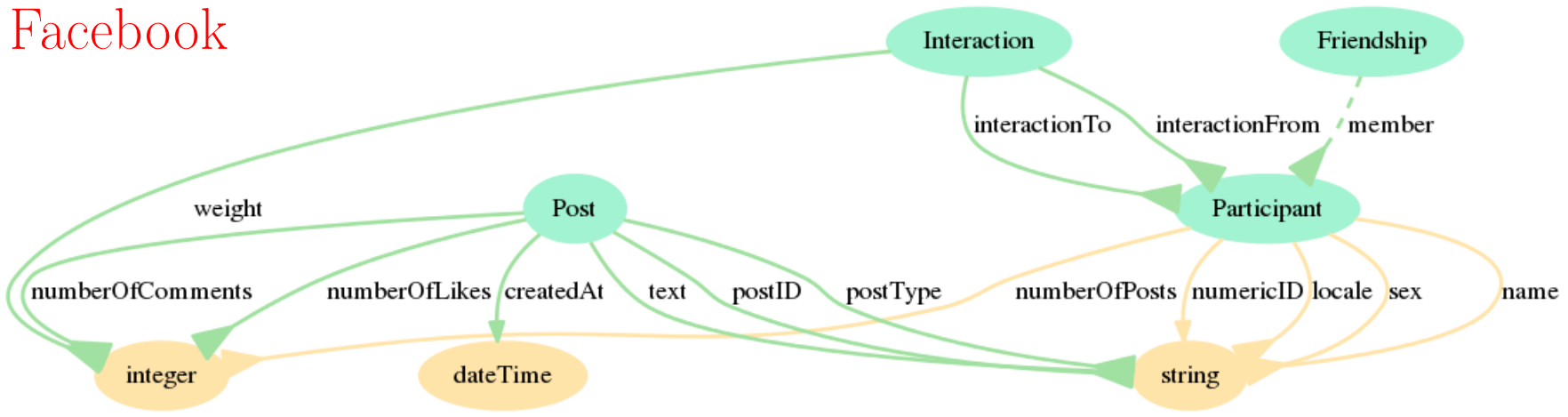
## **1. General guidance**

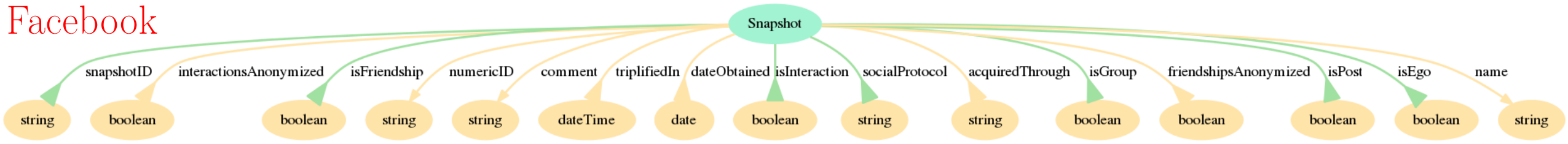
In this document we provide diagrams the provenances in the LOSD: Facebook, Twitter, IRC, Email, ParticipaBR, Cidade Democrática and AA. Each provenance diagram was broken in two, one present the relations among main classes and datatypes, the other present metadata on the snapshot.

Furthermore, this document ends with two sets of tables, one with countings of triples, participants, edges/interactions/relations and characters, the other with references for snapshot groups, such as wikipedia or contact links.

## **2. Facebook data**

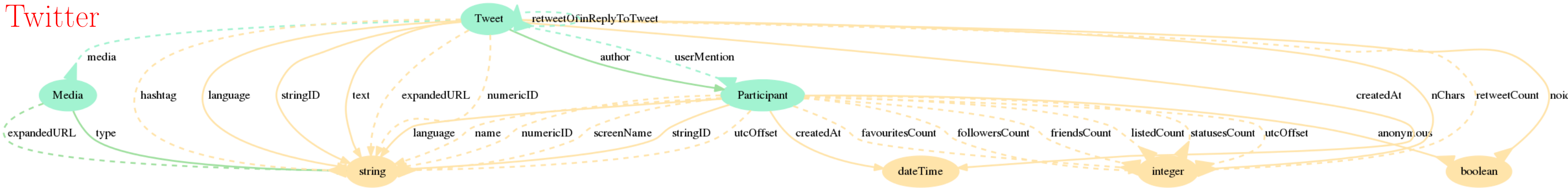
# Facebook



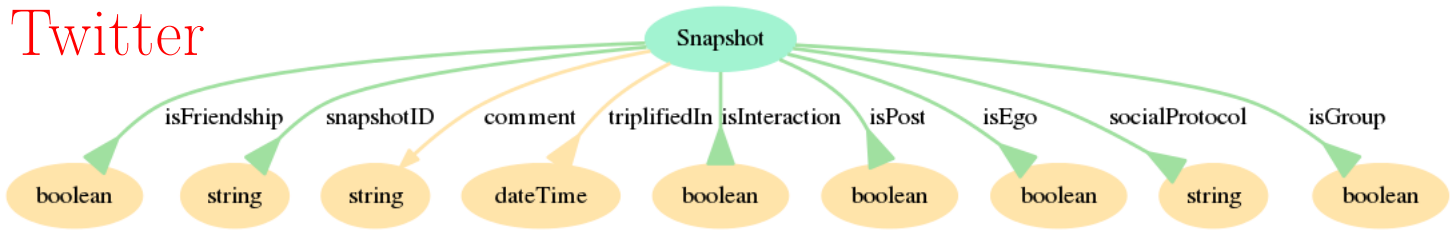


### **3. Twitter data**

# Twitter



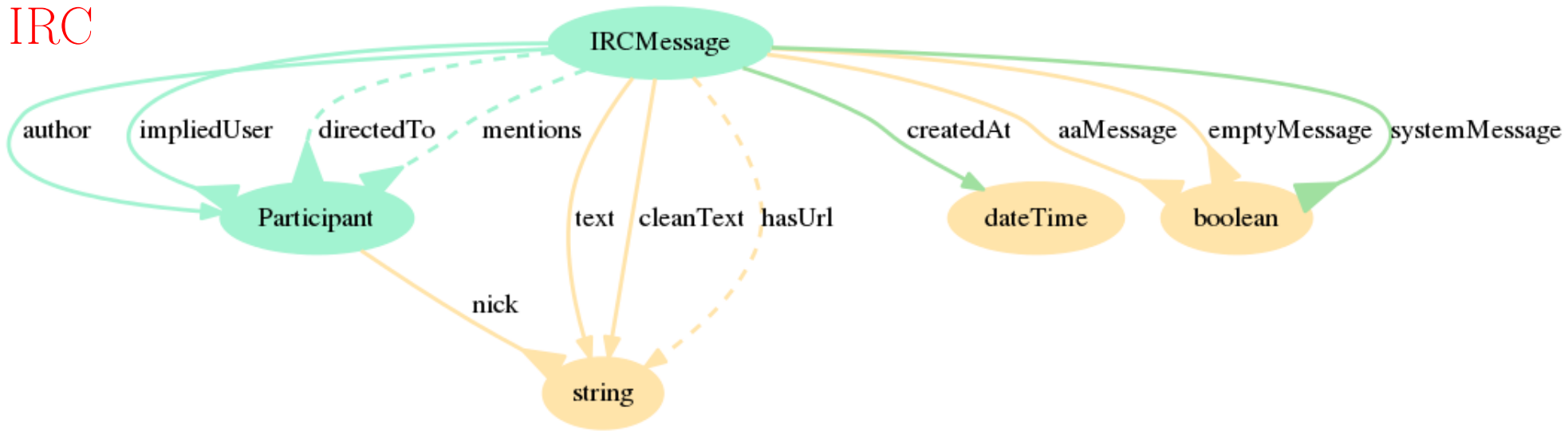
# Twitter



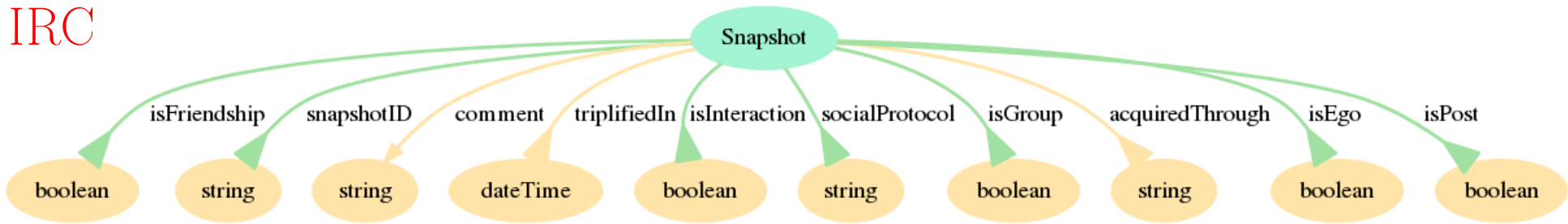
#### 4. IRC data



# IRC

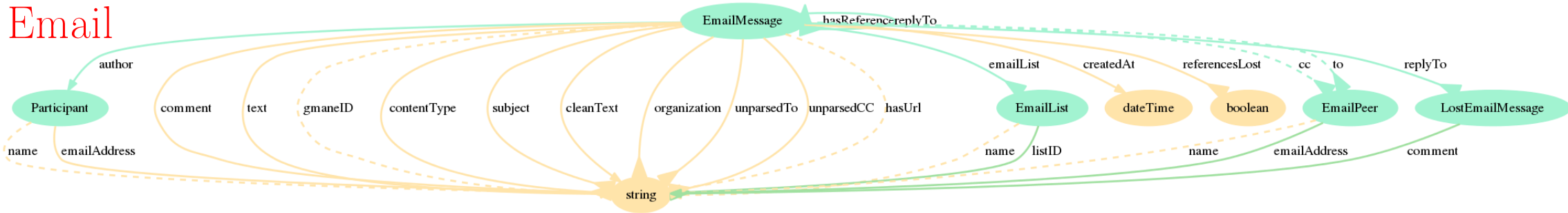


IRC

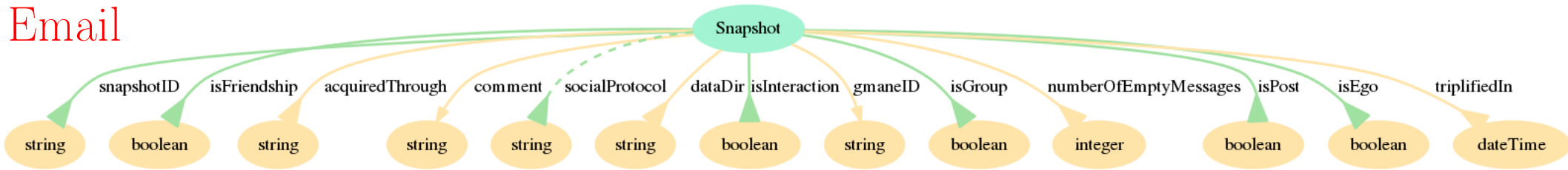


## 5. Email data

# Email

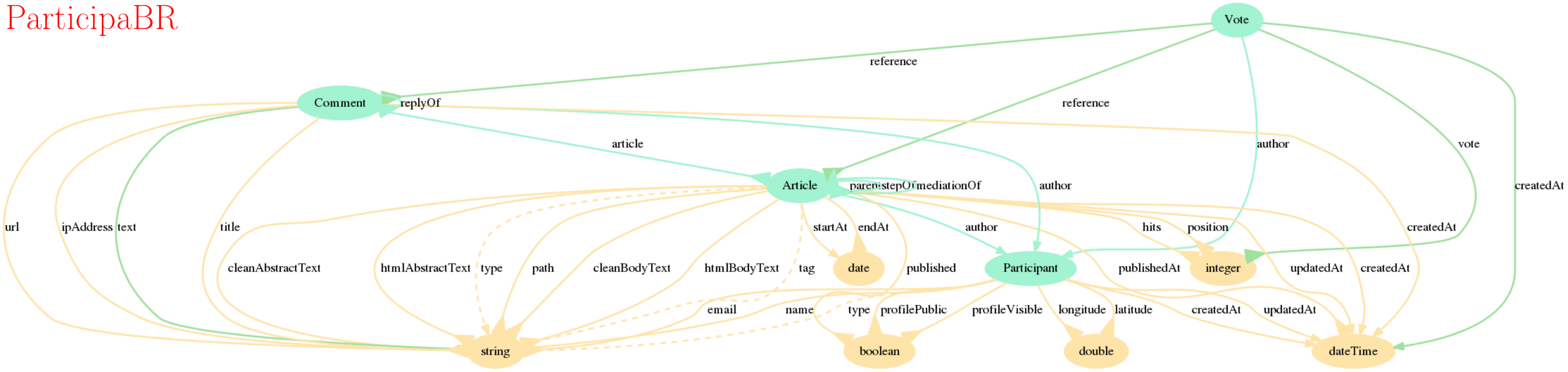


# Email

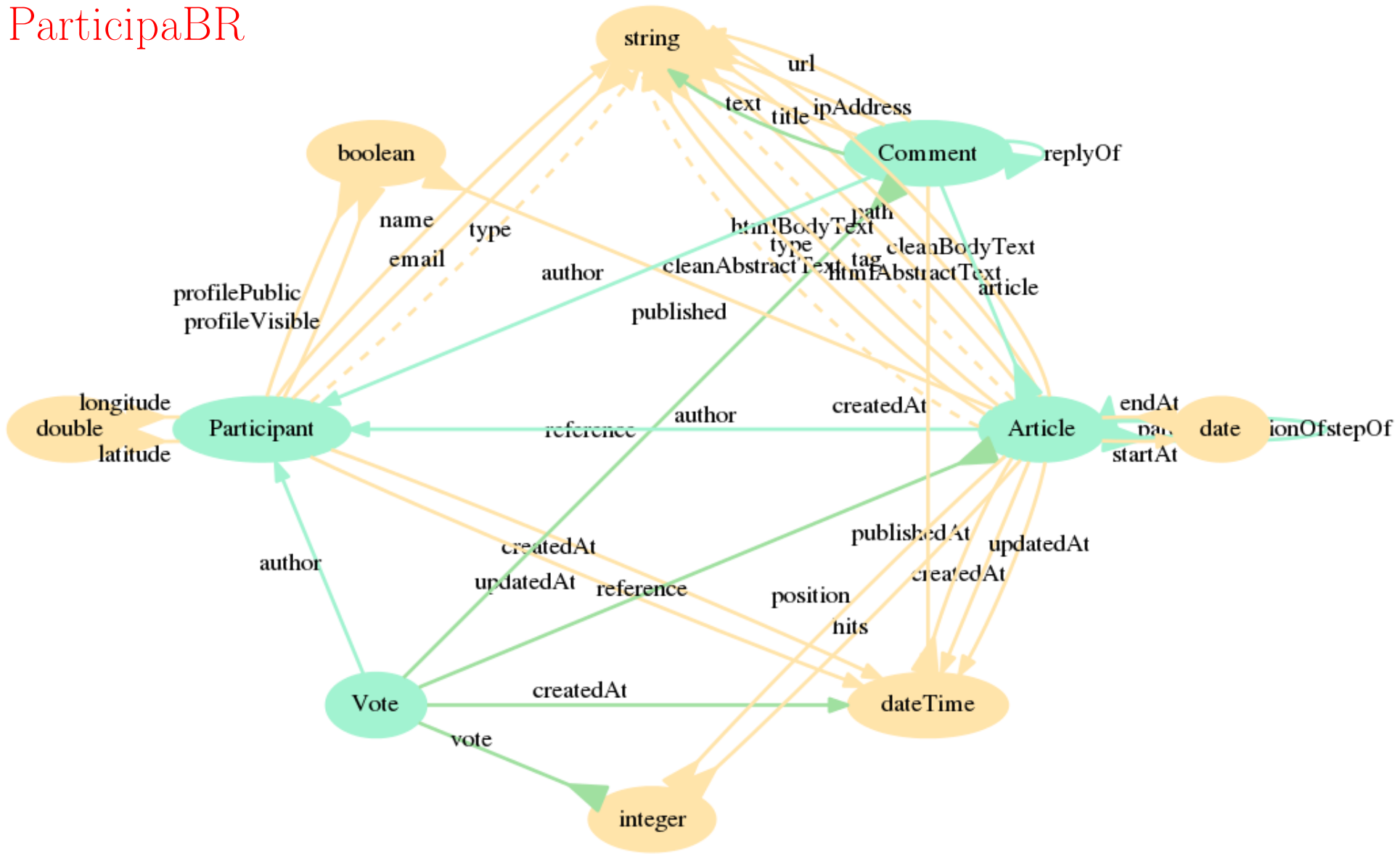


## 6. ParticipaBR data

## ParticipaBR



# ParticipaBR

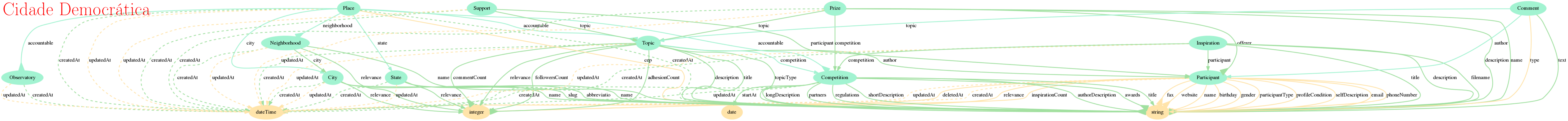




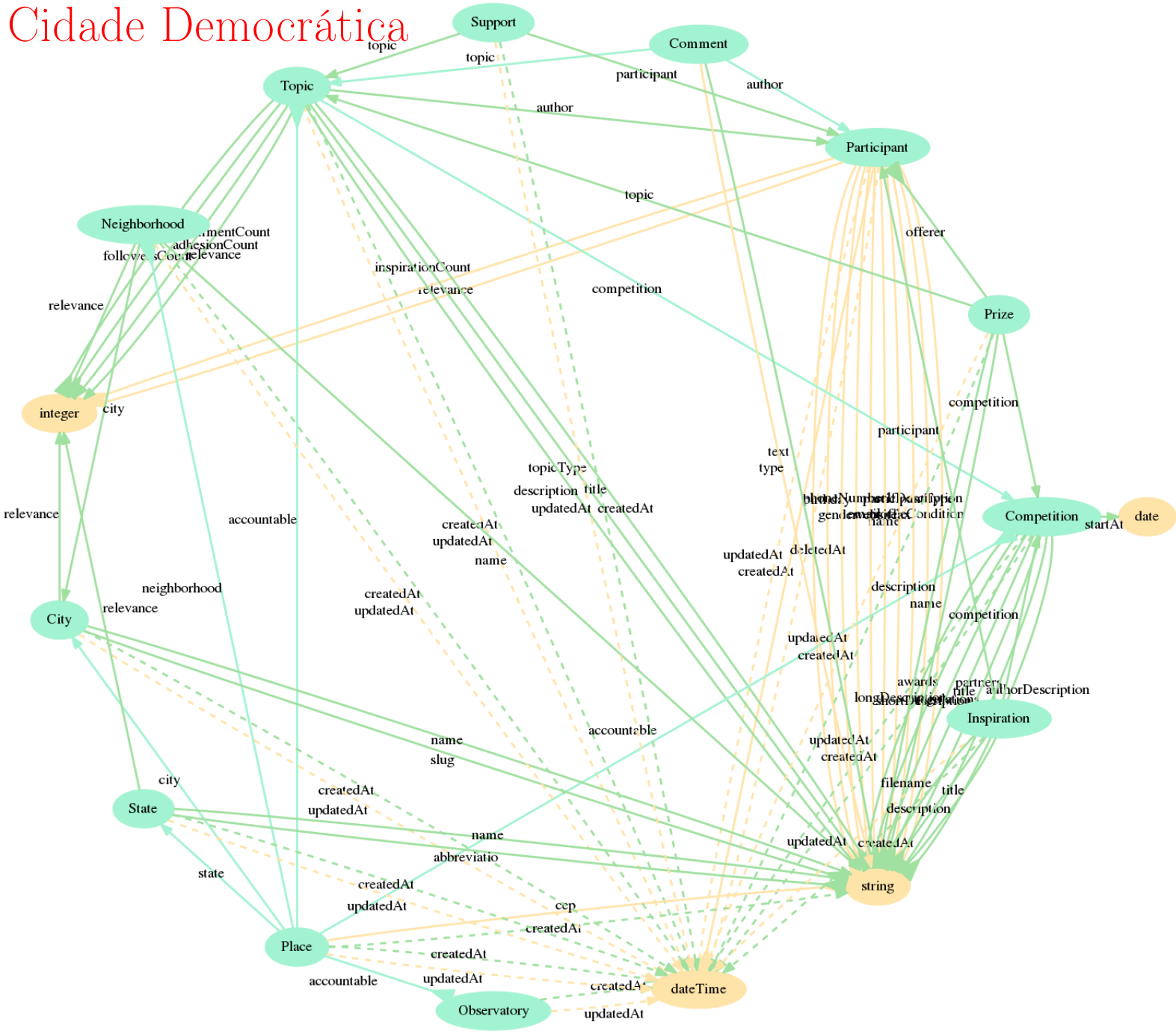
# ParticipaBR



## 7. Cidade Democrática data



# Cidade Democrática

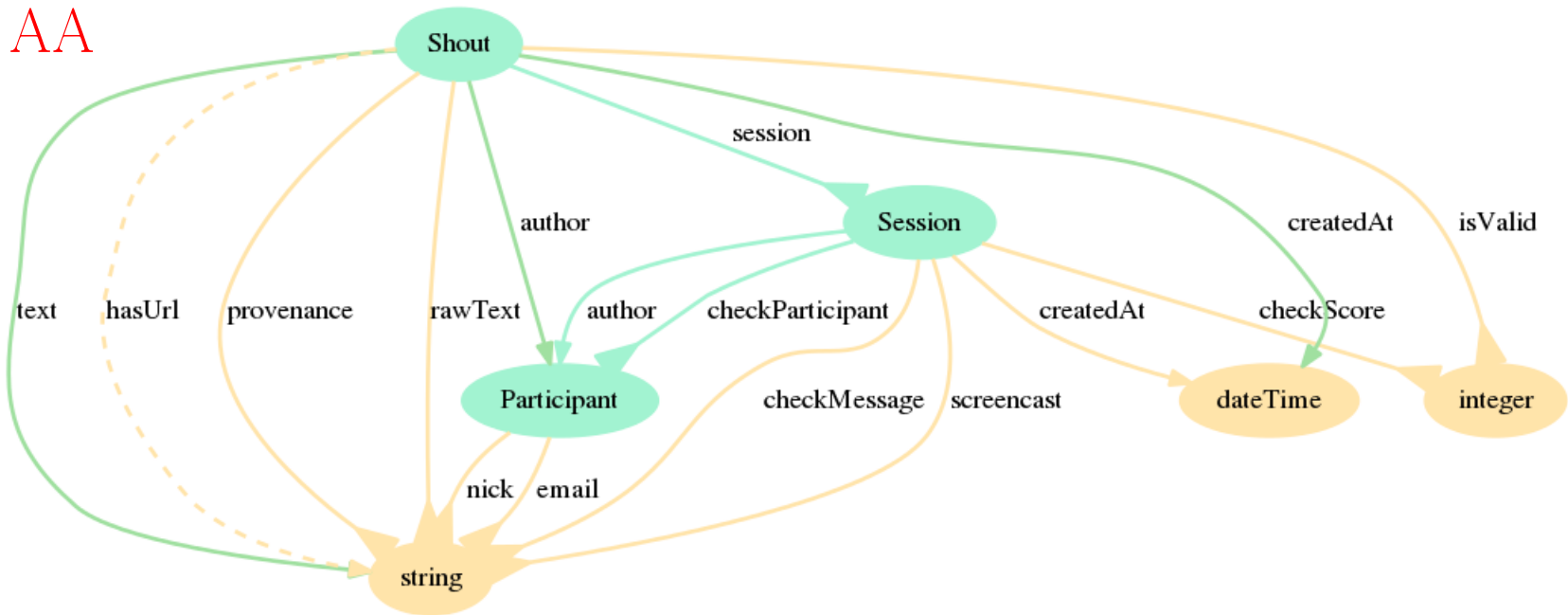


# Cidade Democrática



## 8. AA data

AA



AA





## 9. Snapshot references

## 10. Elementary counting in snapshots

### References

- [1] O. N. d. O. J. Renato Fabbri, Linked open social data for scientific benchmarking, <https://github.com/ttm/linkedOpenSocialData/raw/master/paper.pdf> (2016).