1. THE ELECTIONS DATABASE

This database is created in the context of the elections for the Assembly of the Republic, dated 10 October 1999.

The country is divided into the electoral circles, here designated by **districts**, but in the islands the electoral circles coincide with the region. The **parties** present **lists** to the electoral circles that they are running for, knowing that they are eligible for the mandates of deputy. The circles of emigrants are not considered, and thus the total number of mandates is just 226.

However, the **votes** in the **parties** are registered with greater granularity, at the level of **parishes**. Parishes belong to **municipalities**, and **municipalities** belong to **districts**.

The total number of votes in the parties, plus the **blank_votes** and the **null_votes**, constitute the **voters**. Summing **voters** with **abstentions** we obtain the **registered_voters**. Information about registered voters, abstentions, blank and null votes, are only present at the district level.

Parties can apply just for some districts.

Relational model

This database includes 7 tables that will be populated with real data. Tables PARISHES, MUNICIPALITIES, and DISTRICTS represent the administrative division and the electoral circles.

For each **parish**, it is known its code, the name and the code of the municipality to which it belongs.

For each **municipality** there is information on its code, name and code of the district to which it belongs.

For each **district** there is information about its code, name and region to which it belongs ('C' – Continent, 'A' - Azores, 'M' - Madeira).

The **LISTS** table has information on the number of **seats** obtained by each **party** in the **district** in which it ran. The value 0 means that the party ran but did not obtain any mandate.

The **VOTINGS** table stores the results obtained by the different parties in the parishes. A null value in votes means that the party ran but there was no vote count (boycott).

The **PARTICIPATIONS** table has, for each district code, information regarding the numbers of registered voters, voters, abstentions, null votes and blank votes. Note that:

registered_voters = voters + abstentions

voters = sum of votes in the district + blank_votes + null_votes.

The **PARTIES** table keeps the acronym and designation of the 12 competing parties.