**Diagram

Description automatically generatedSection 1.3**

**Section 1.4**

The second and third dimension

These correspond the best due to the fact that they all describe the dimension of the dataset

**Table

Description automatically generated with medium confidenceSection 2.1**

**Chart, line chart

Description automatically generatedSection 3.1**

**Chart, line chart

Description automatically generated**

**Section 3.2**

**Chart, line chart

Description automatically generatedSection 3.3**

**Section 3.4**

The eigenvalue importance can be seen in figure 3\_1\_1 where the first eigenvalue has the most important value and the highest value, followed by the second eigenvalue etc. That is the reason for why figure 3\_1\_1 follows this function. The cumulative variance plot follow the opposite pattern where the lowes value is the most important eigenvalue and the highest value is the least important one; logarithmic behaviour.