~~Abstract / Resum / Resumen~~

~~1. intro~~

~~1.1 history digital audio~~

1.2 history audio classification

1.3 sota audio classification

~~1.4 summary of the proposal here (que vas a hacer y pq)~~

~~2. Method~~

~~2.1 MFCC~~

~~2.2 Feature vector representation~~

~~2.2.1 Naive todo concatenado~~

~~2.2.2 histogramas por componentes~~

~~2.3 Dimensionality reduction – PCA~~

~~2.4 Feature relevance (dec. trees based)~~

~~3. Evaluation design~~

~~3.1 Dataset (cuantos generos)~~

~~3.2 Evaluation protocol (cuantos datos train, test fold, accuracy como metrica de evaluacion...)~~

~~3.3 Methods and parameters~~

~~4. Results~~

~~4.1 Classication results (graficas.... matriz de confusion y que generos se confunden más etc.)~~

~~4.1.1 Naive~~

~~4.1.2 Naïve con PCA~~

~~4.1.3 Histogramas~~

~~4.1.4 Histogramas con PCA~~

~~4.1.5 Naive-Bayes~~

~~4.1.6 Ada~~

~~4.1.7 LOO~~

~~4.2 Feature relevance analysis (ExtraTrees)~~

~~5. Conclusions~~

~~References~~