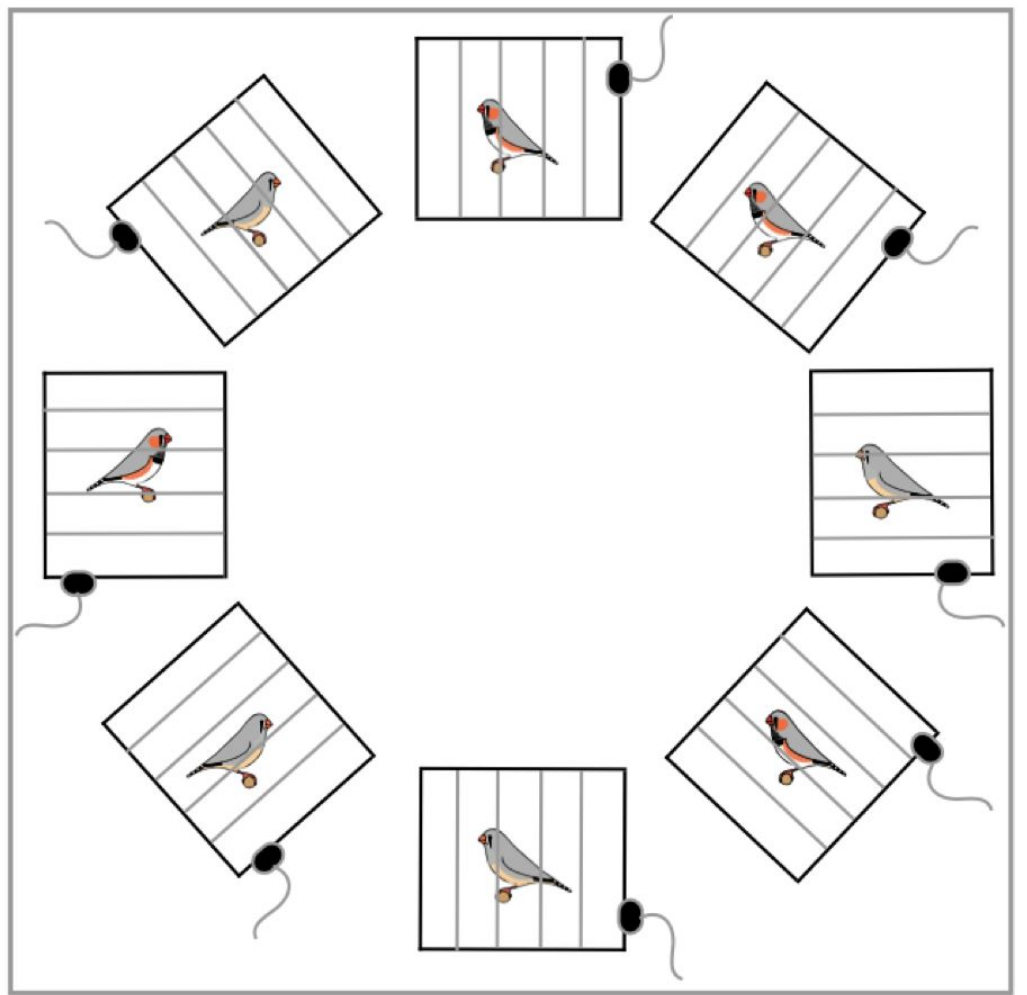
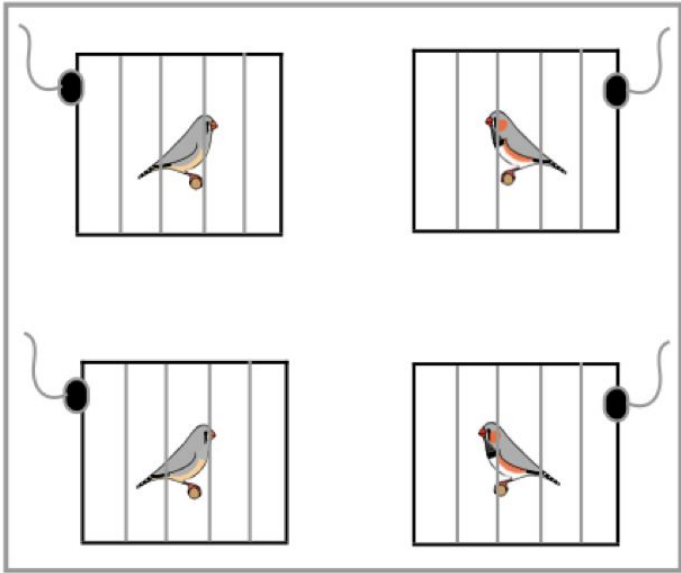
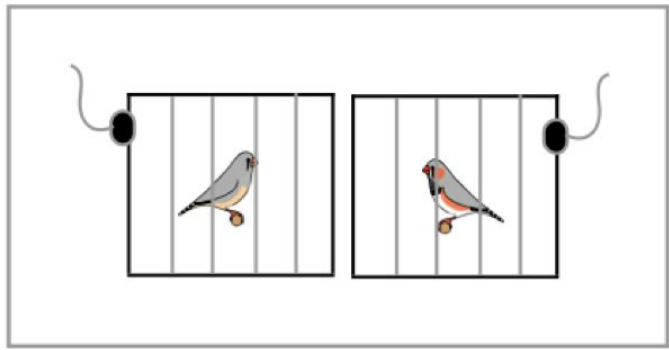


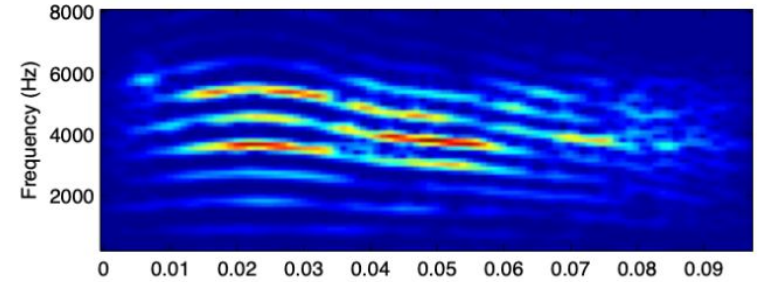
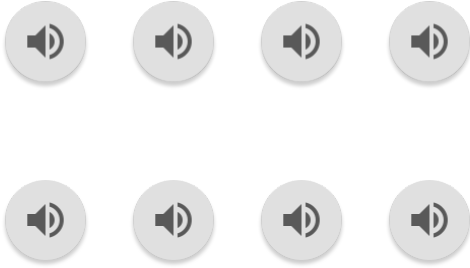
Reconnaissance individuelle basée sur les vocalisations



H. Soula, M. Fernandez, A. Gagelin, C. Vignal

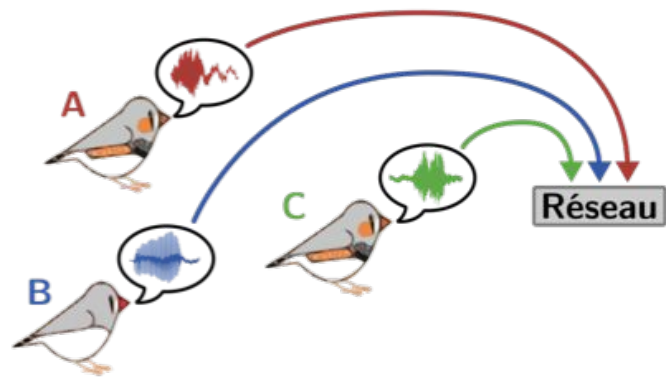


Cris individuels

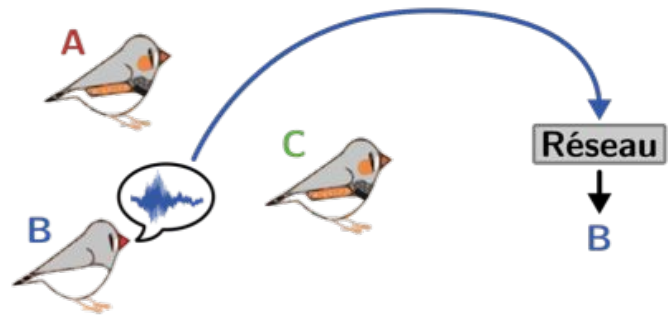


	JD64	JD16
Nombre d'oiseaux	64	16
Nombre de cris	366 708	95 443

Identification supervisée

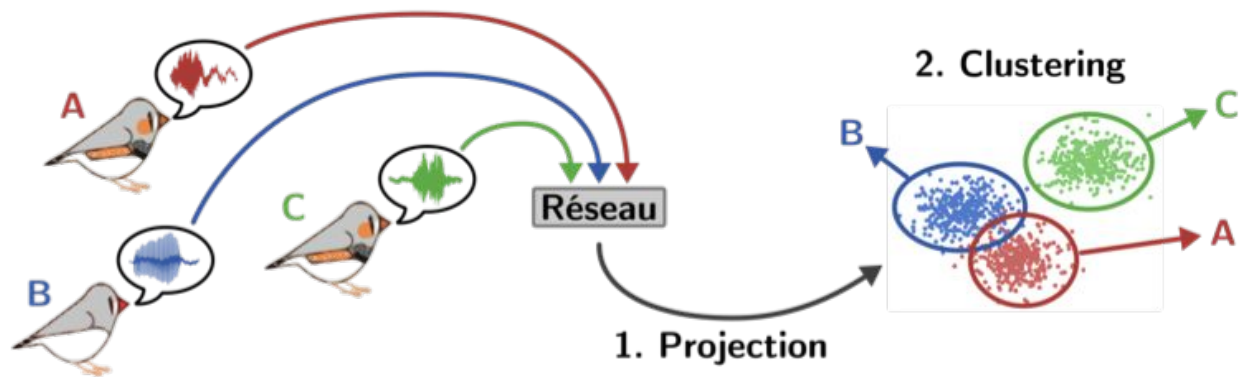


1. Apprentissage



2. Prédiction

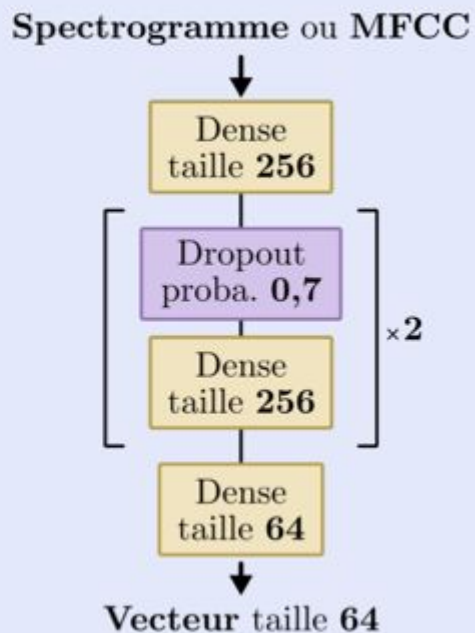
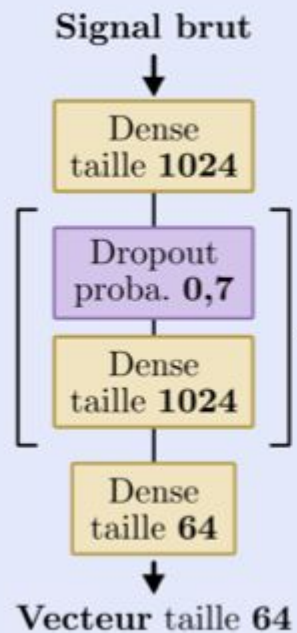
Identification non-supervisée



1. Projection

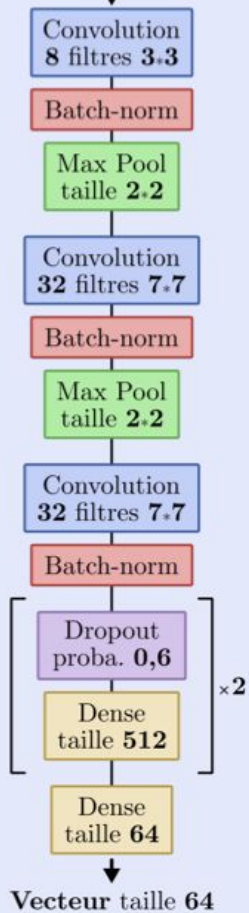
2. Clustering

DENSE

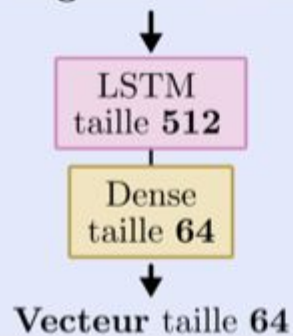


CNN

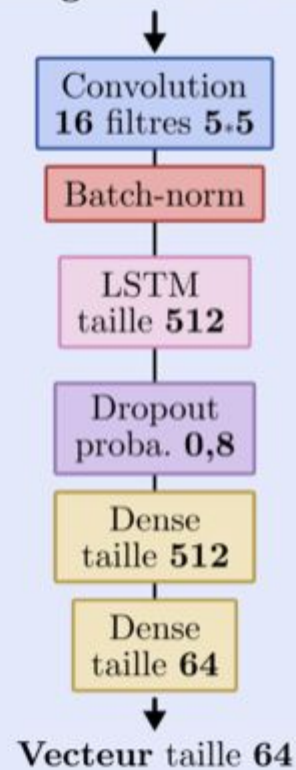
Spectrogramme ou MFCC

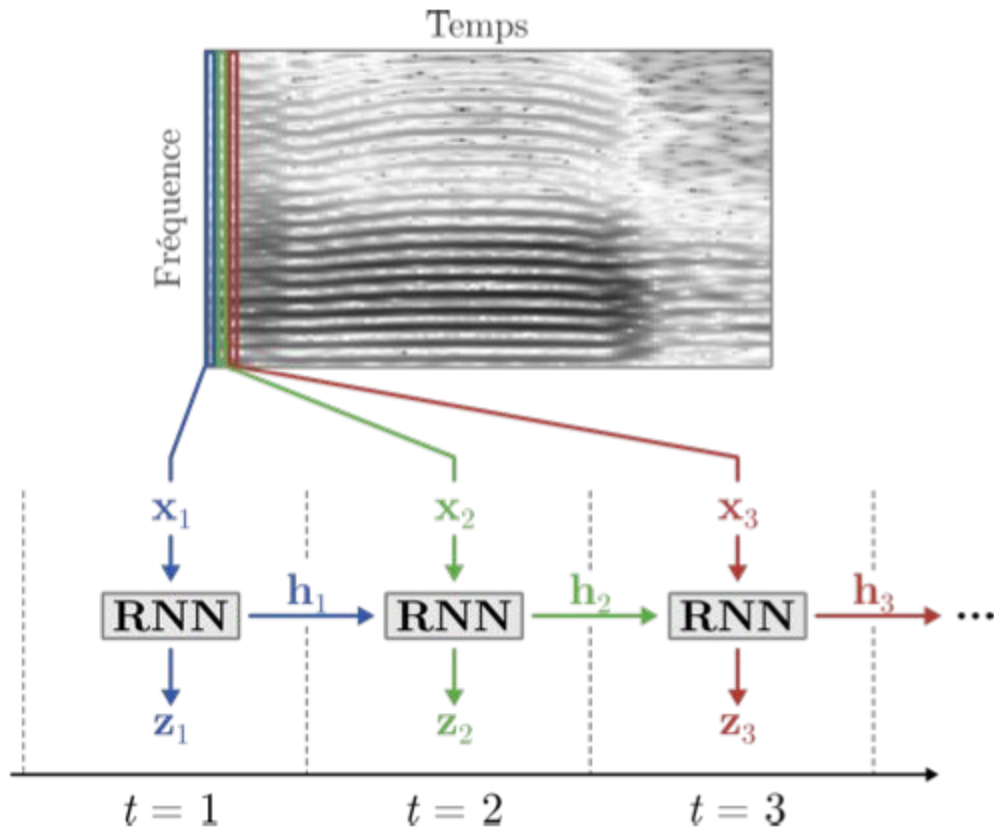
**RNN**

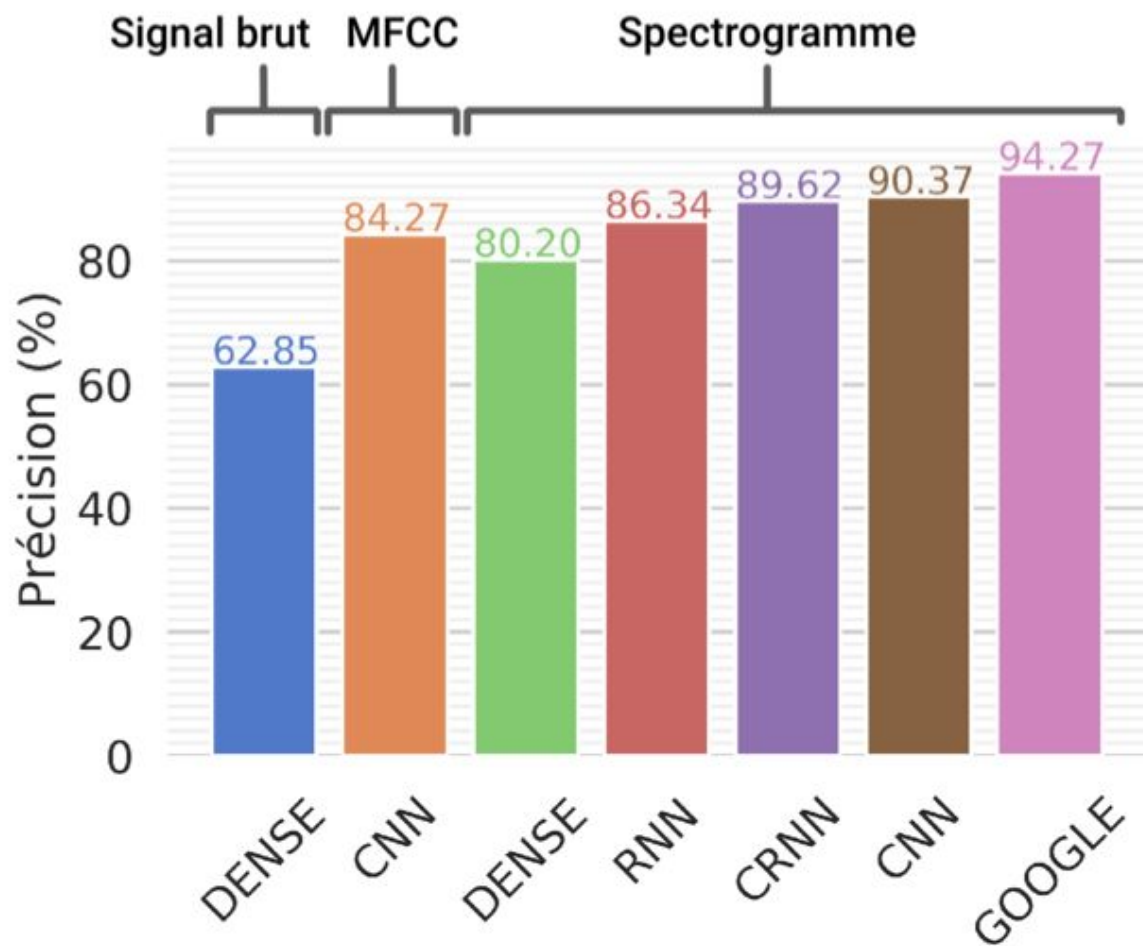
Spectrogramme ou MFCC

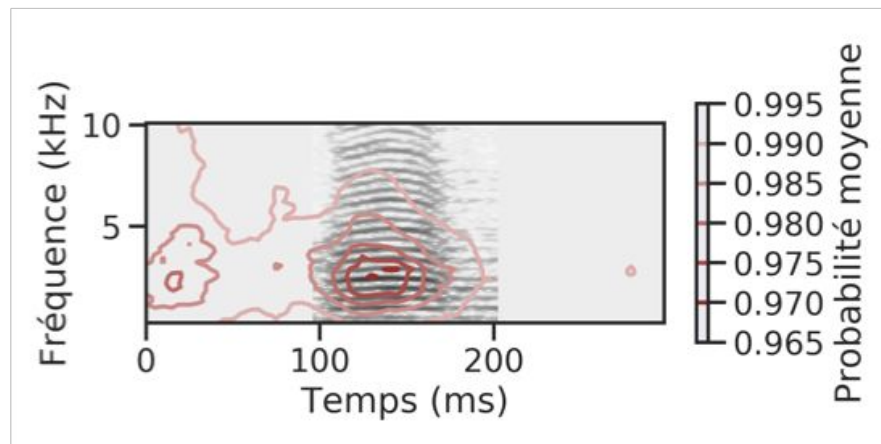
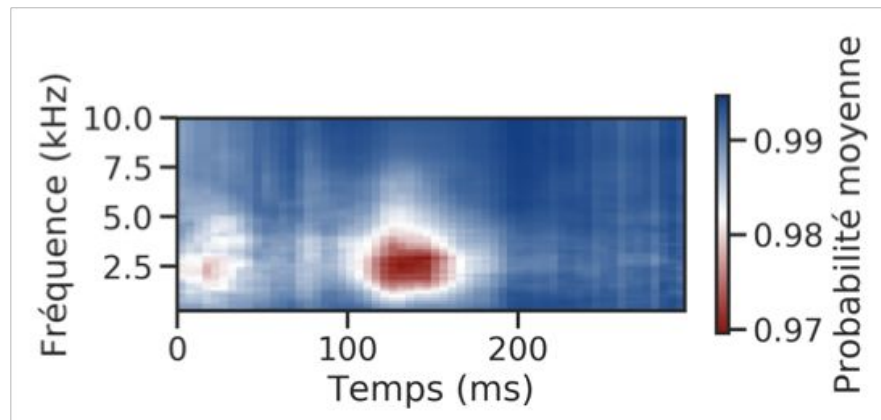
**CRNN**

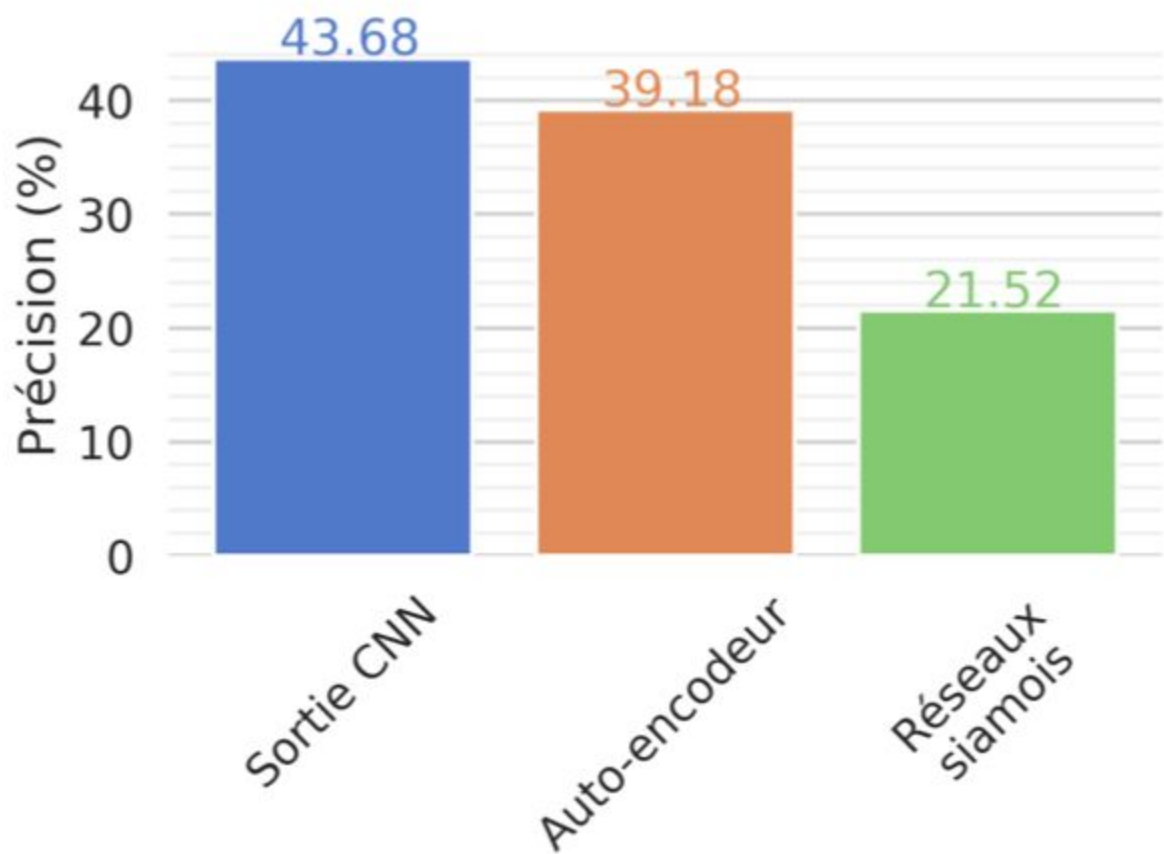
Spectrogramme ou MFCC

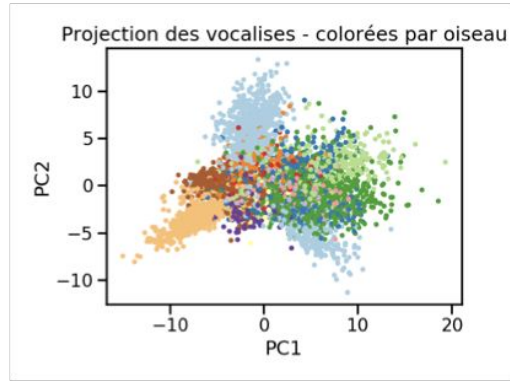
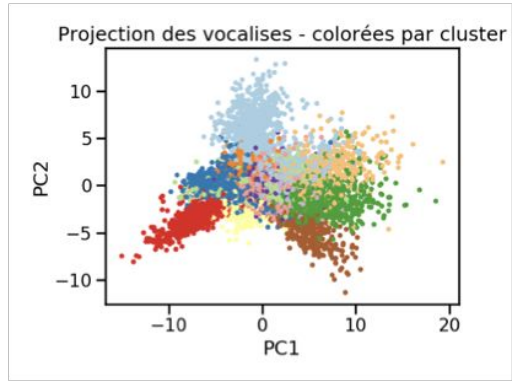






A**B**



A**B****C**