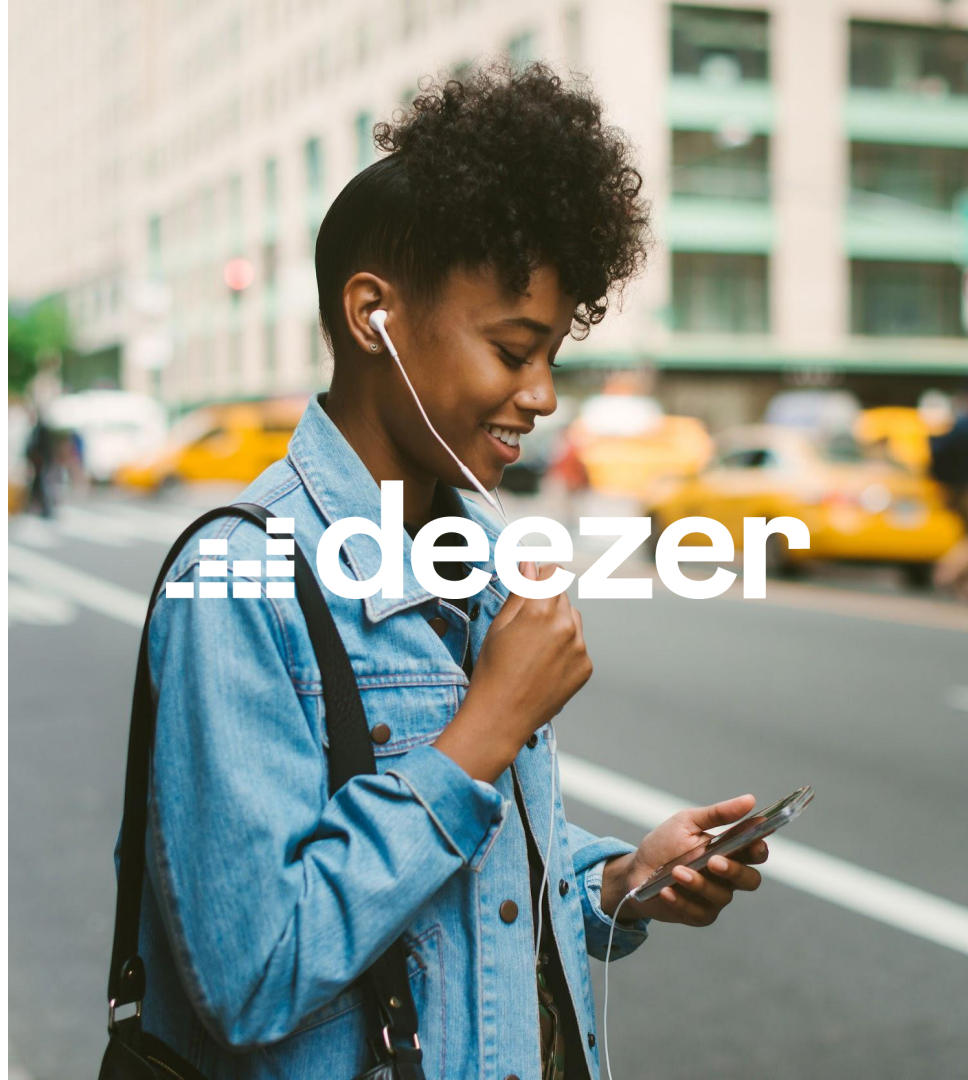


Muzeeglot

Annotation multilingue et multi-sources
d'entités musicales à partir de
représentations de genres musicaux

*Elena V. Epure, Guillaume Salha, Félix Voituret,
Marion Baranes, Romain Hennequin*



About Muzeeglot (1)

Muzeeglot is a prototype showing how multilingual music genre embeddings can be leveraged to generate cross-lingual annotations for **DBpedia** music artists, albums or tracks.

Languages supported

 French (fr)

 Dutch (nl)

 English (en)

 Czech (cs)

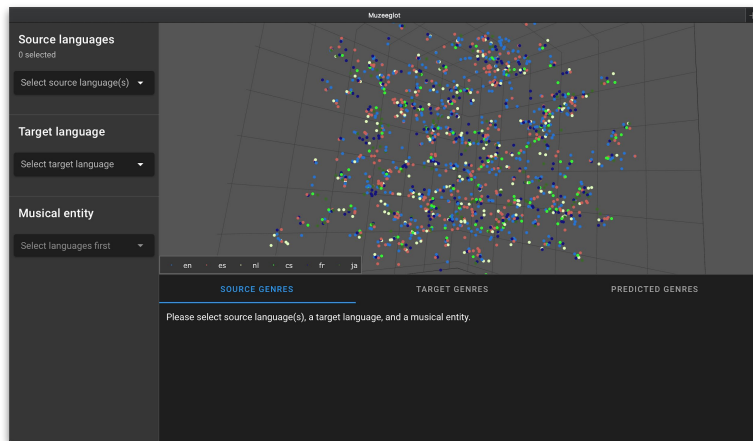
 Spanish (es)

 Japanese (ja)



About Muzeeglot (2)

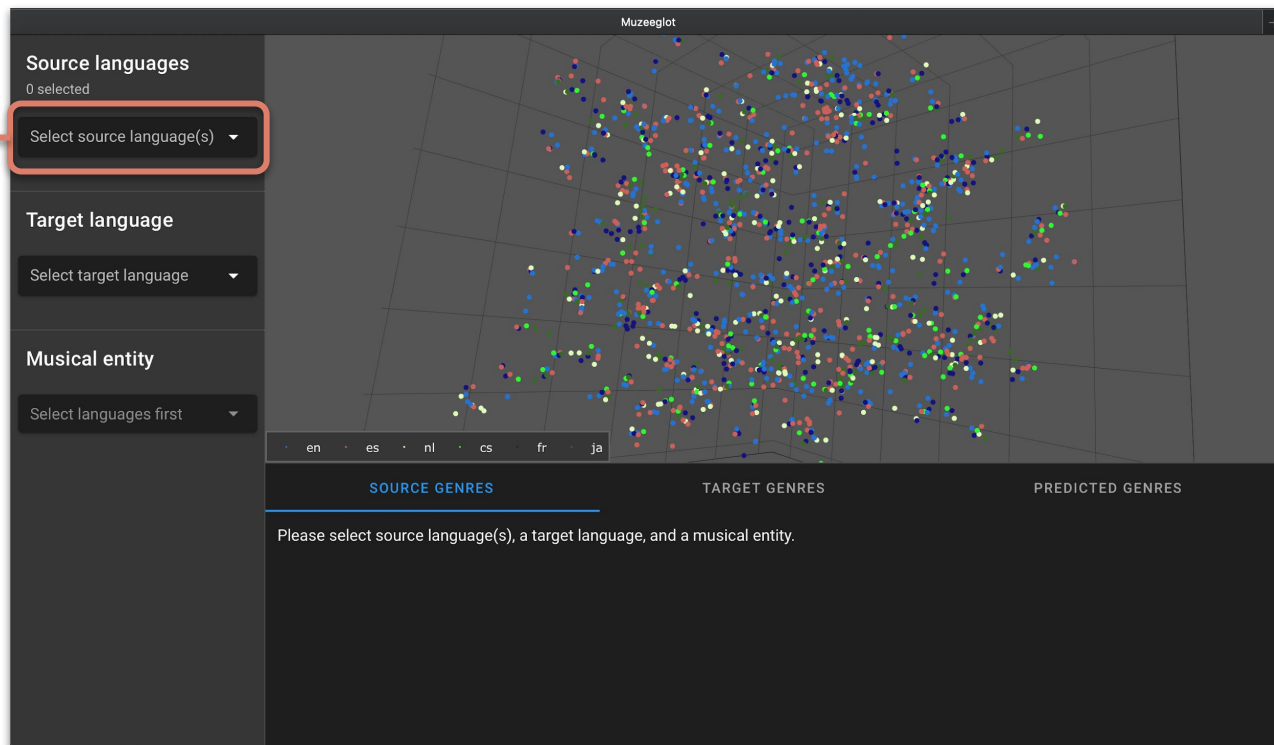
It has a web interface allowing to also visualize the multilingual music genres embeddings.



Live demo available @ <https://research.deezer.com/muzeeglot>

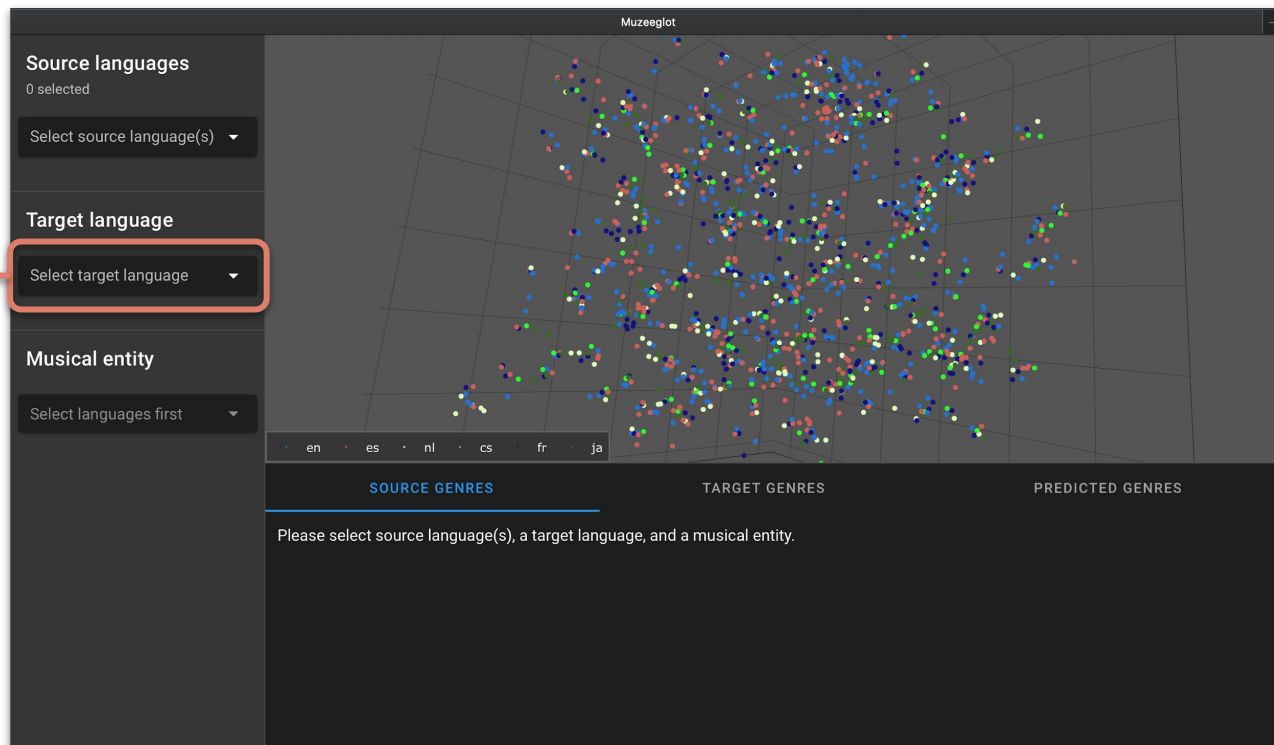
How to use it (1)

Select from this drop-down at least one **source language**.



How to use it (2)

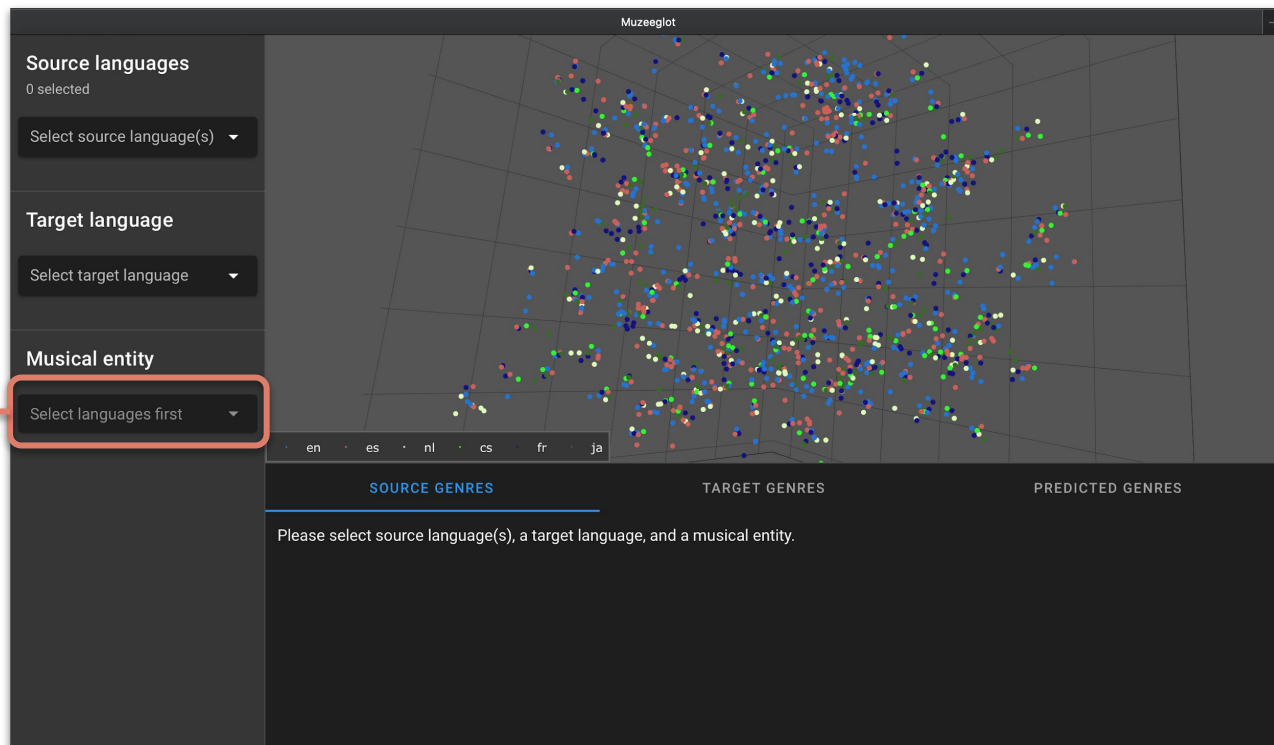
Select from this drop-down the **target language**.



How to use it (3)

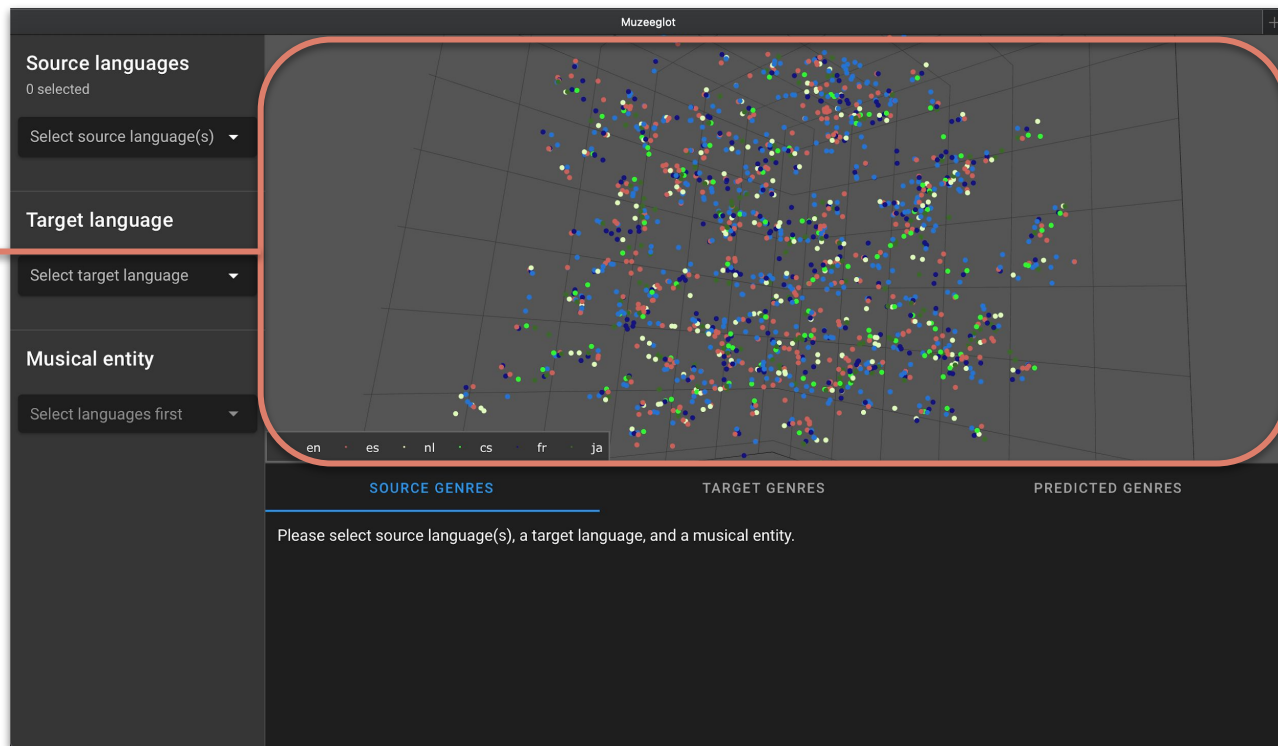
Search for an **artist**, an **album** or a **track** from this text box.

Suggestions will also appear while typing.



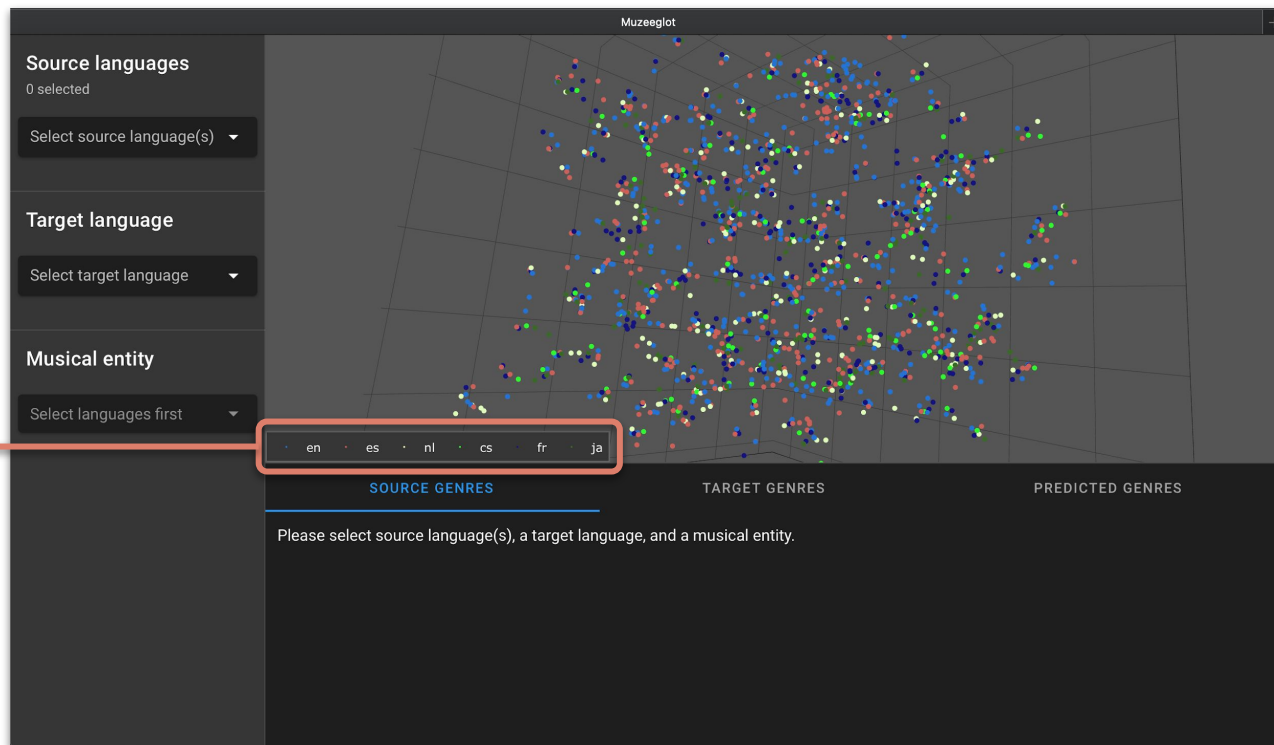
How to use it (4)

The **embeddings** of the known **music genres** are presented by default for all languages here.



How to use it (5)

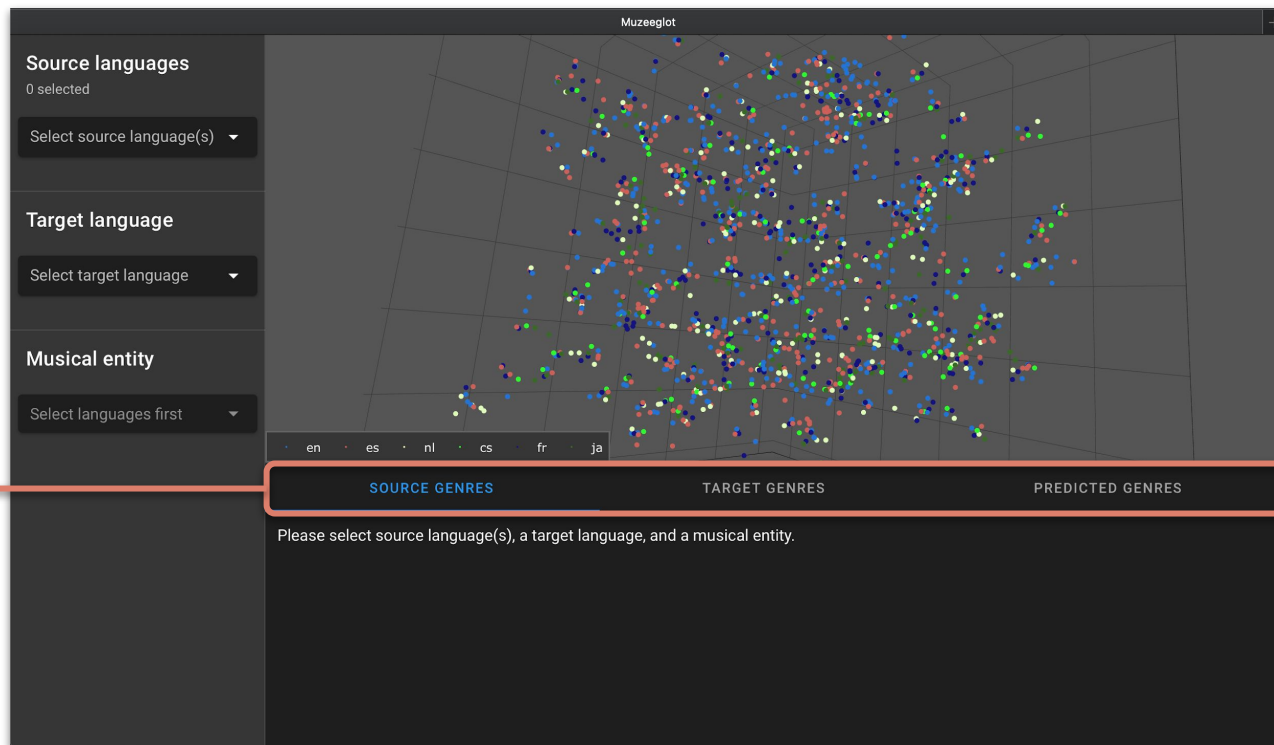
Click on each **language** to disable or re-enable the visualization of its music genre embeddings.



How to use it (6)

Use these tabs to display:

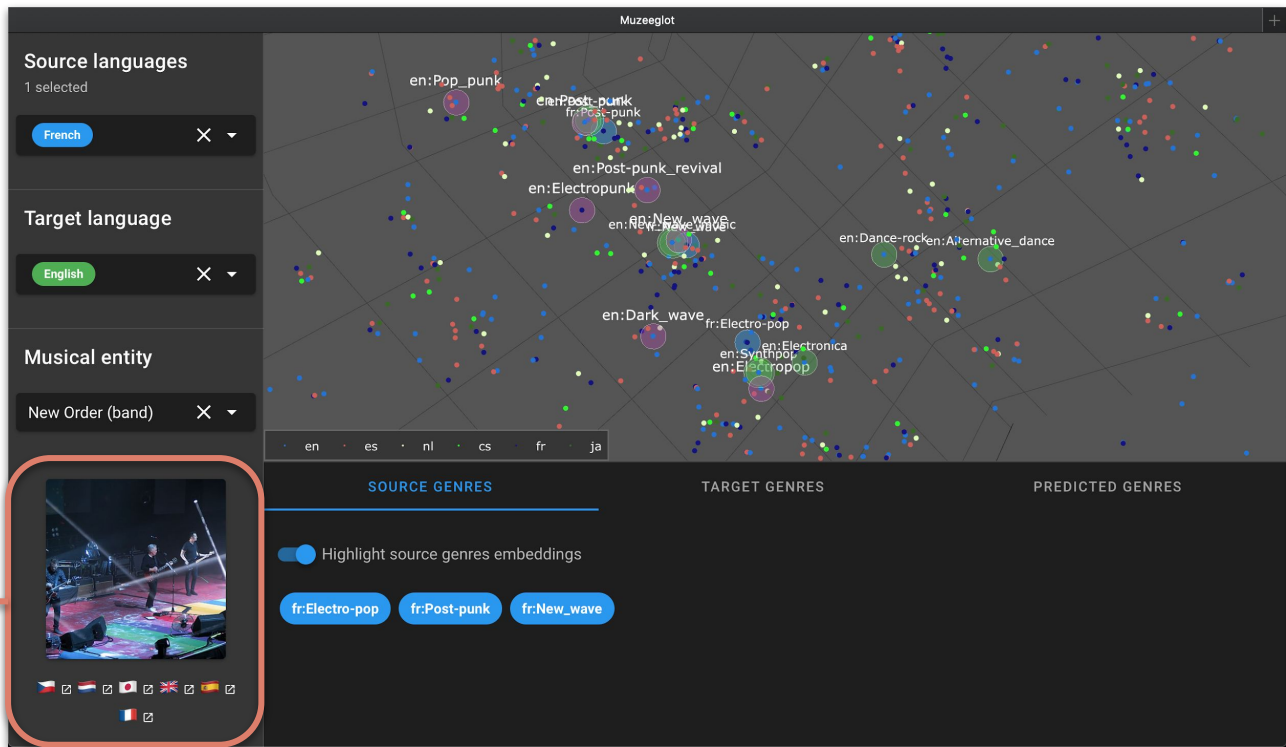
- The **ground-truth source** music genres
- The **ground-truth target** music genres
- The **predicted target** music genres.



Example (1)

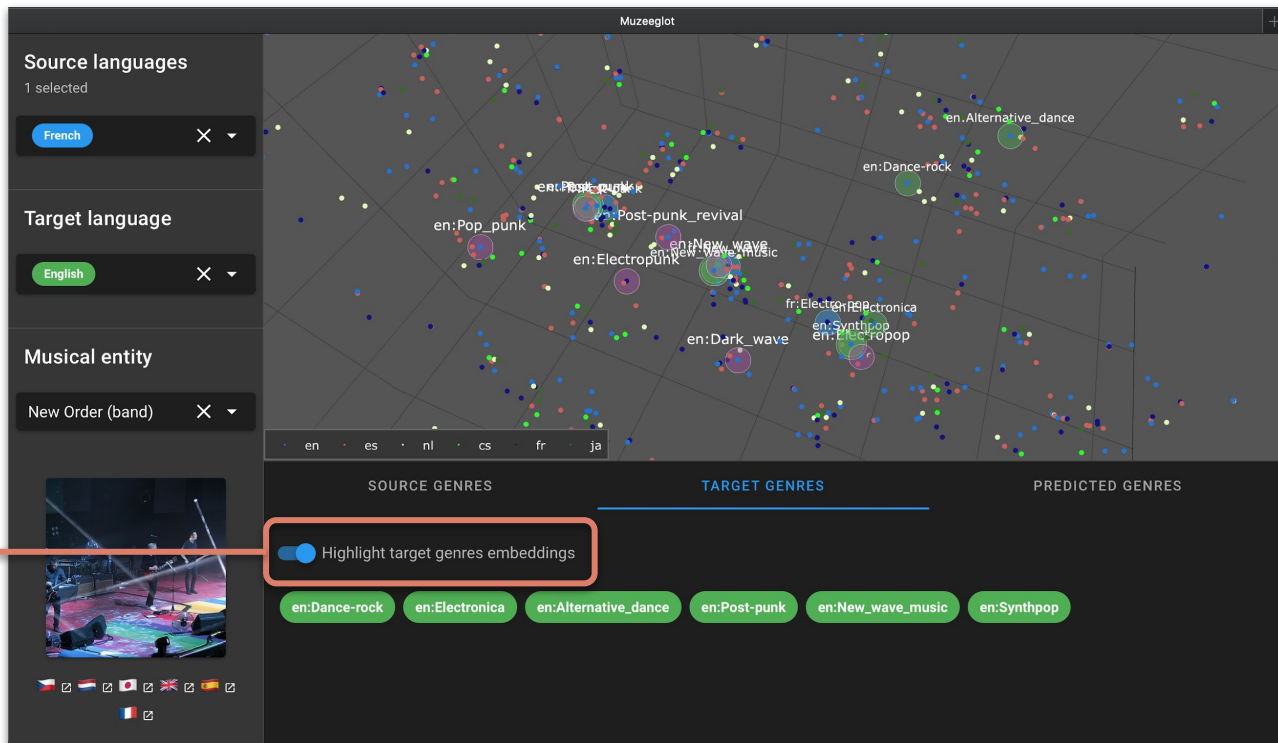
The **thumbnail** of the selected entity appears.

Click on a **flag** to access the [DBpedia](#) page of the entity, in the desired language.



Example (2)

Use the toggle switch to **highlight** the music genres in the embedding visualization window.

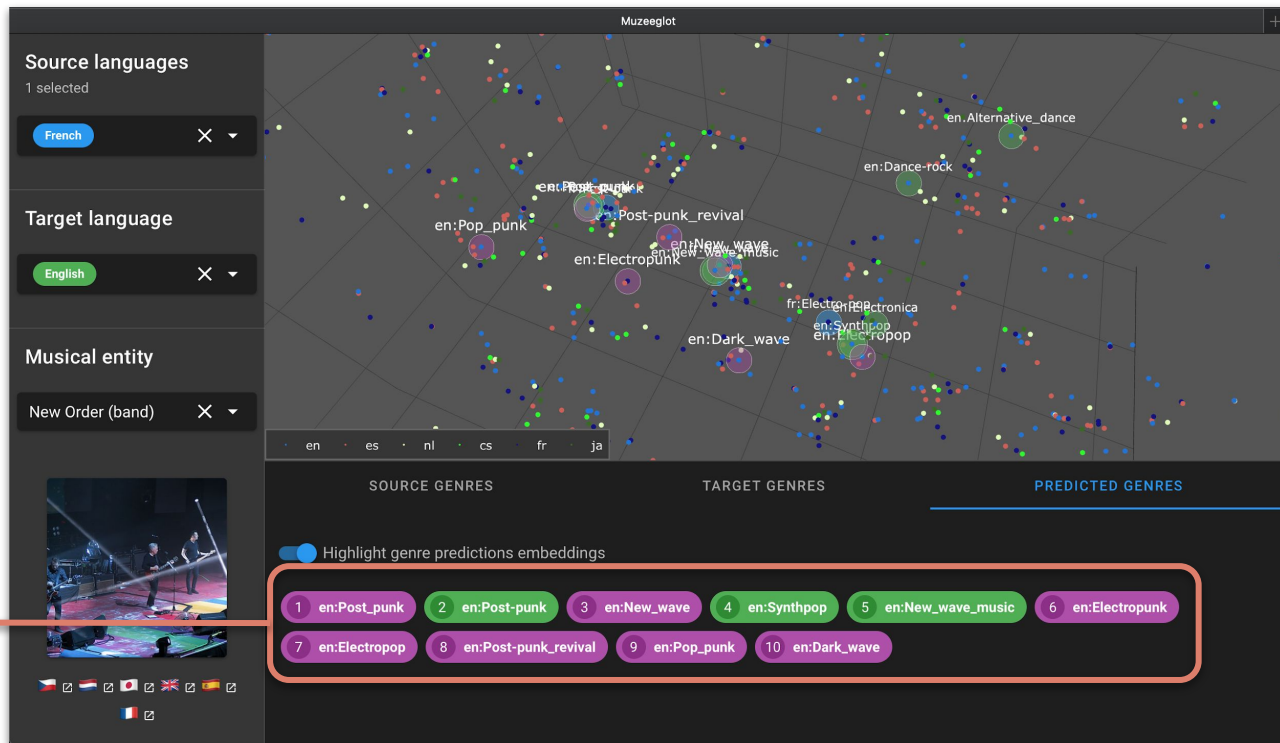


Example (3)

Top 10 target music genre predictions are displayed.

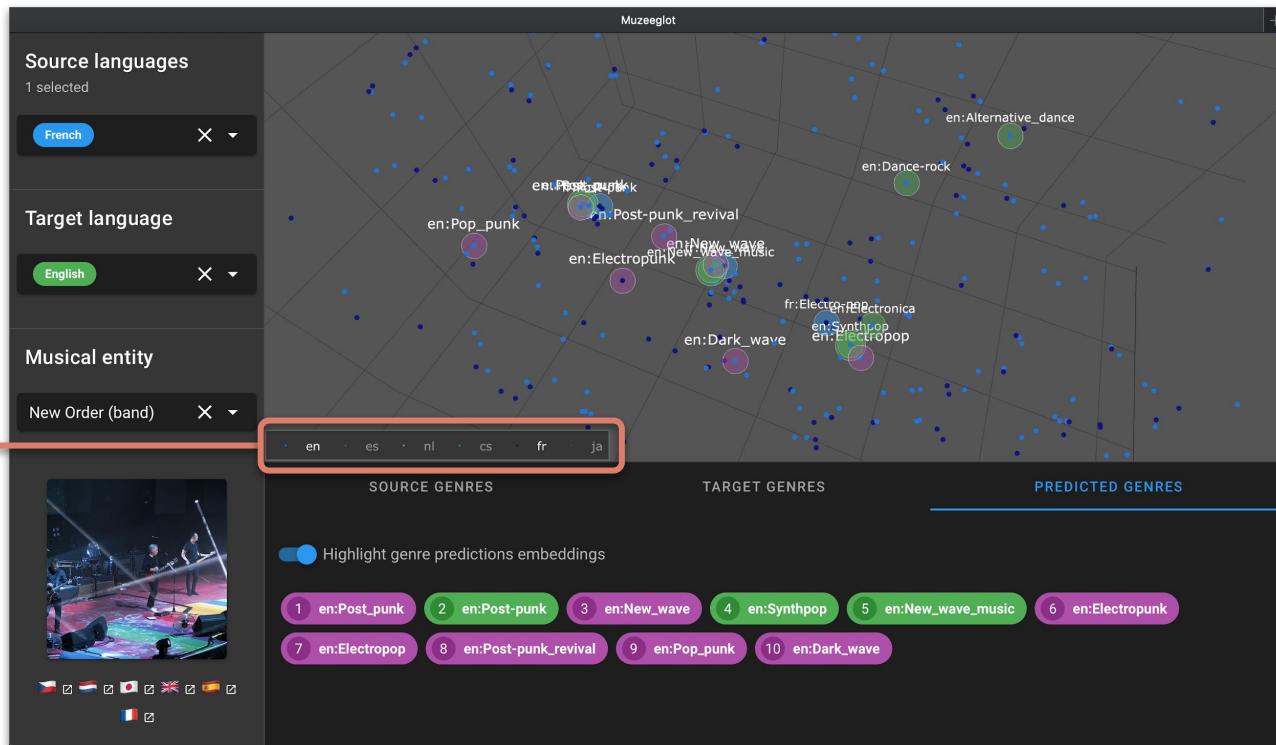
The **green tags** match exactly the ground-truth ones.

The **purple tags** are not necessarily errors. They could be synonyms or other related tags.



Example (4)

Only the **English** and **French** music genre embeddings are selected for visualization.



Thank you

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<https://research.deezer.com>

