

PROJECT

COLLABORATION VISUALISATION

RÉMY CAZABET — HIDEAKI TAKEDA

DATE

2014/02/08

INSTITUTION

NII



Mass collaboration



Mass collaboration



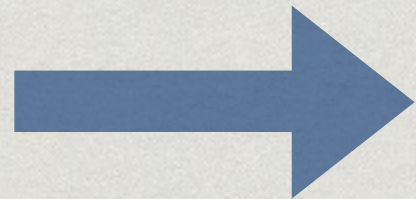
Mass collaboration



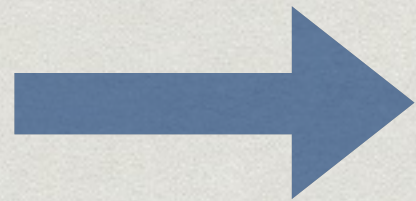
3600 videos identified



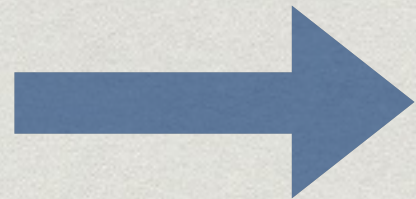
3300 contributors



2000 singers



500 dancers

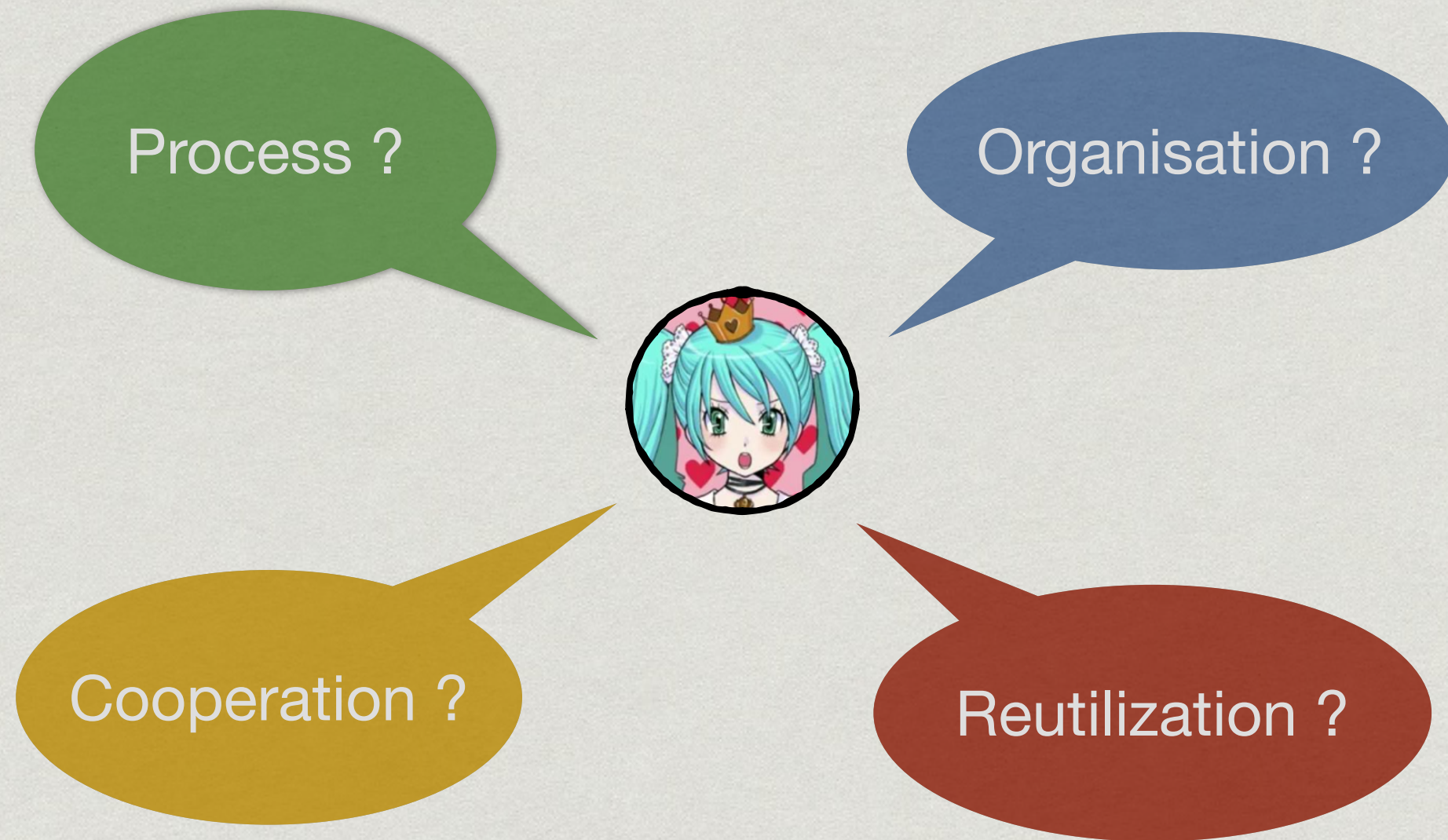


...

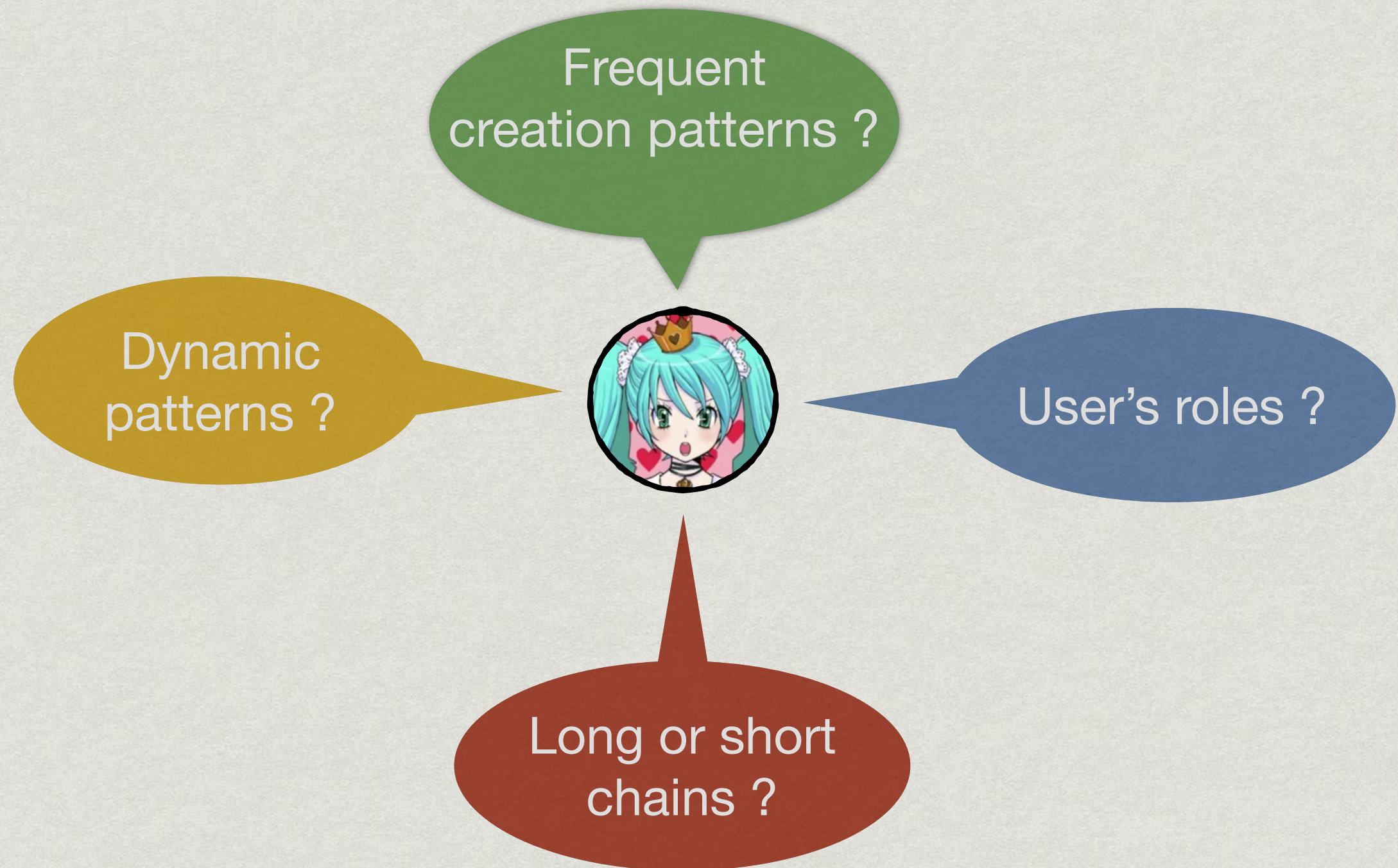
Mass collaboration



Mass collaboration ?

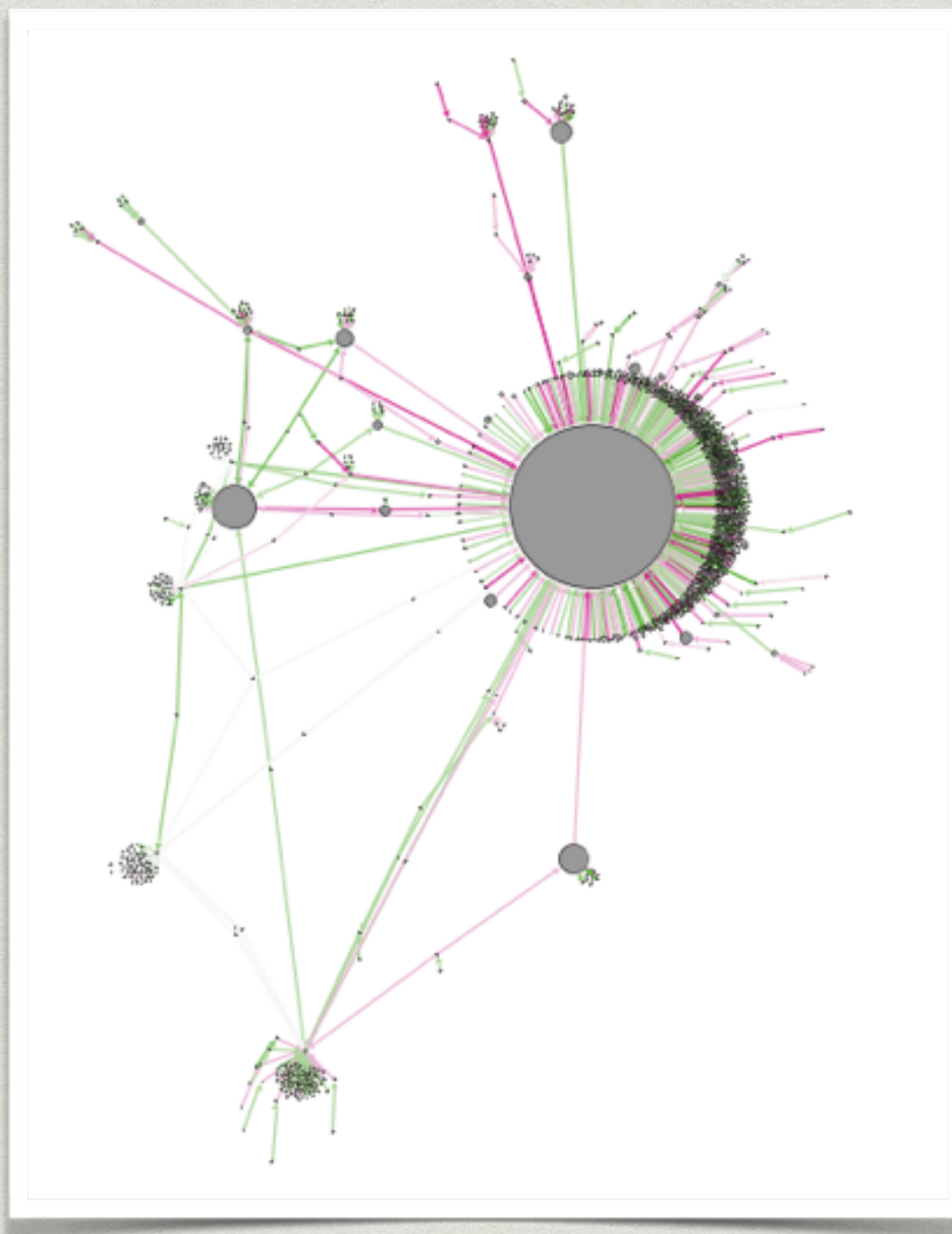


Mass collaboration ?

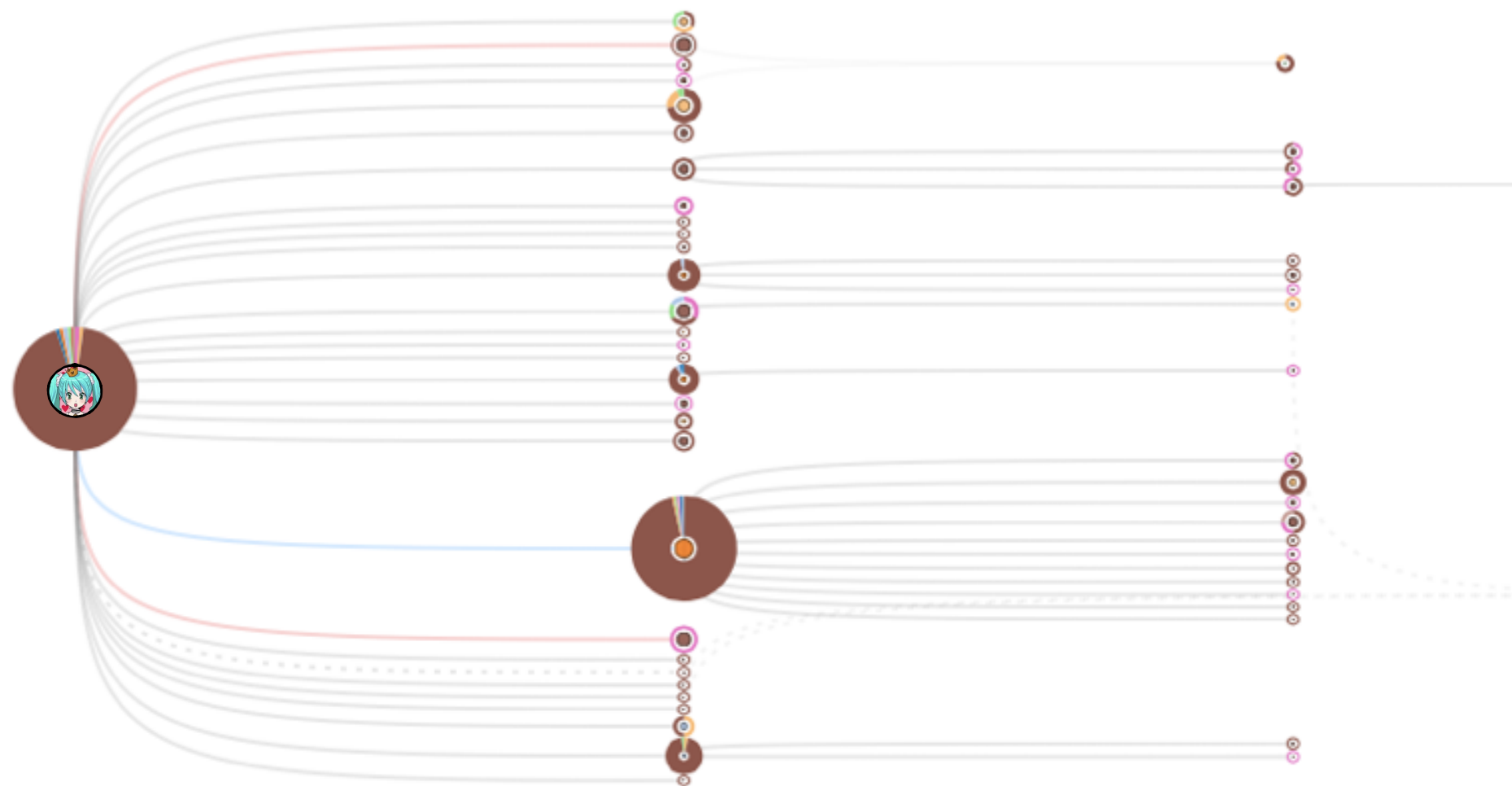




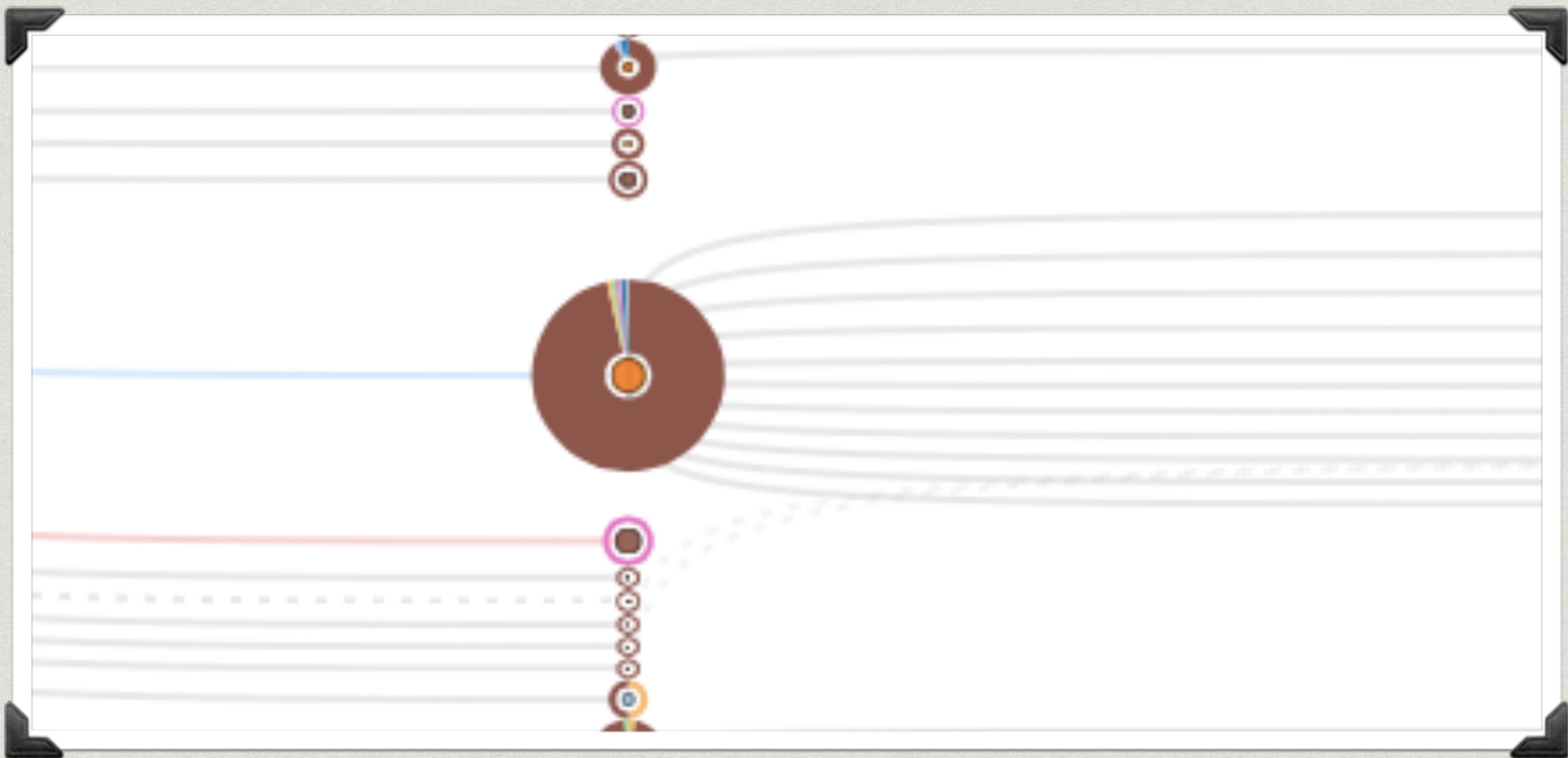
Well Maybe

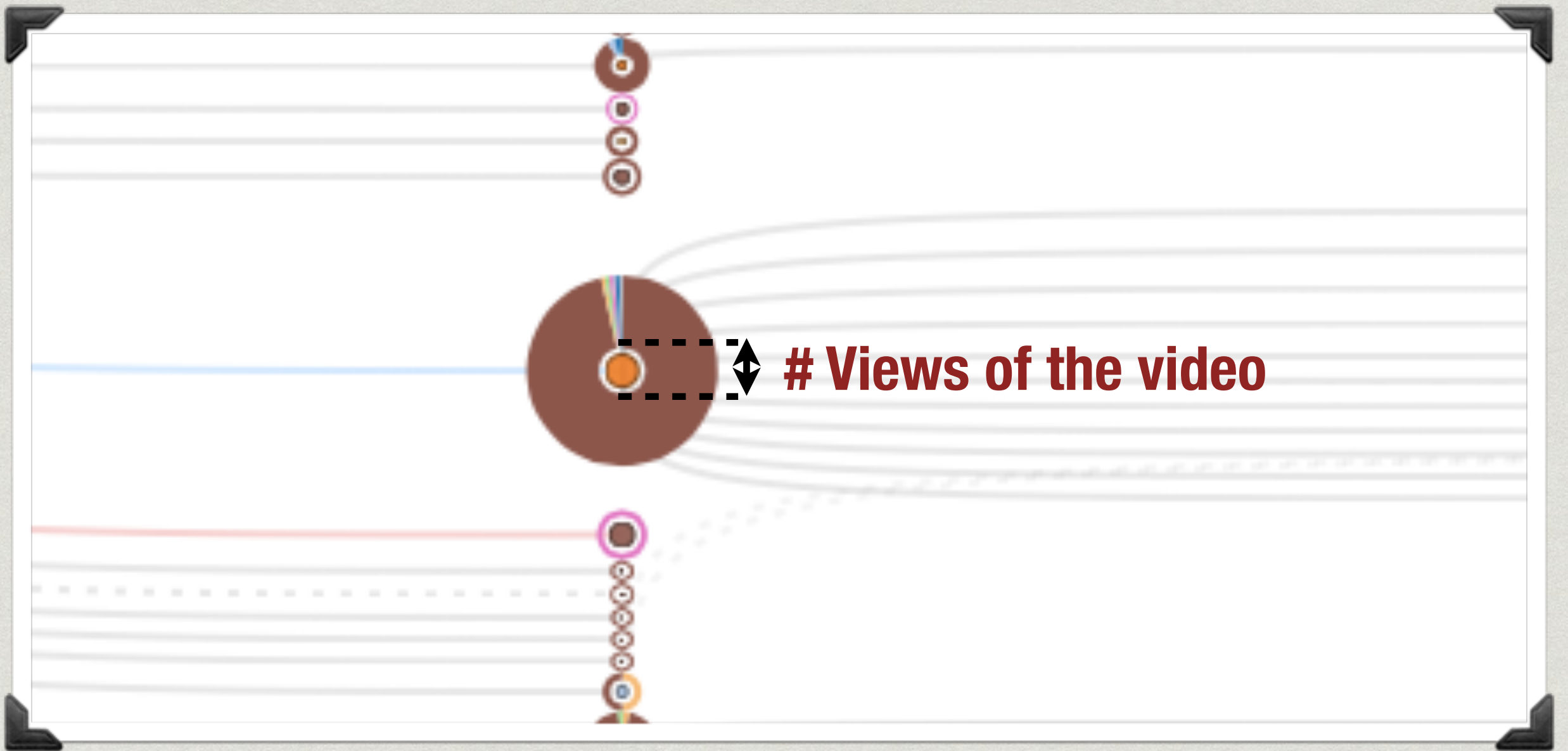






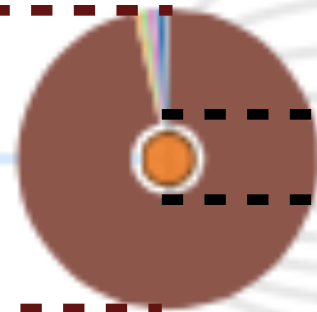
- PICTURE
- MUSICALPERFORMANC
- ANIMATION
- VOICE
- MOVIE
- VOCALOIDVOICE
- MUSIC
- CG3D
- MAD
- OTHER
- SINGING
- DANCE
- MASHUPS
- ORIGINALMUSIC
- NOCATEGORY



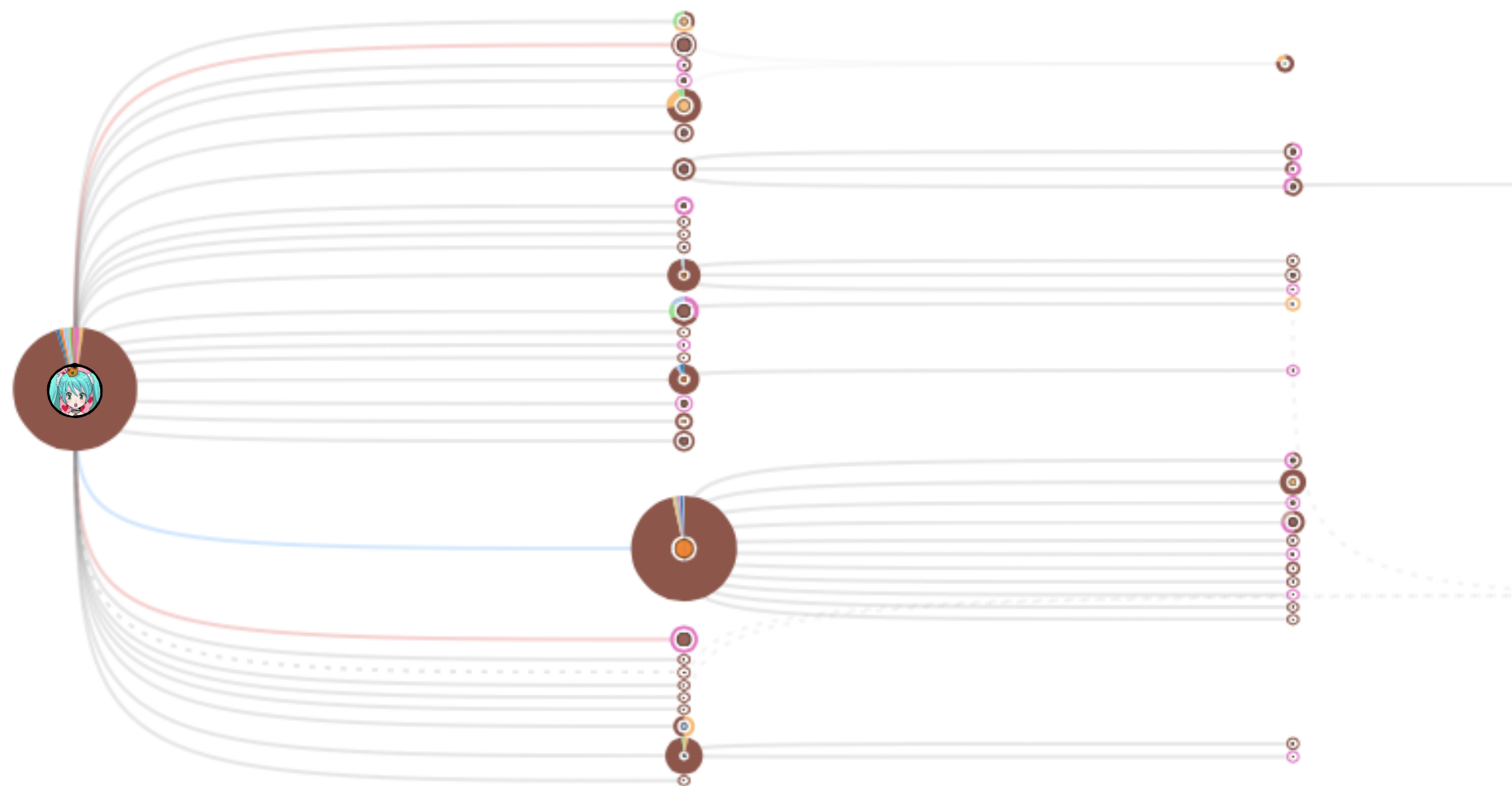


**# Reuse
of the video**

Views of the video

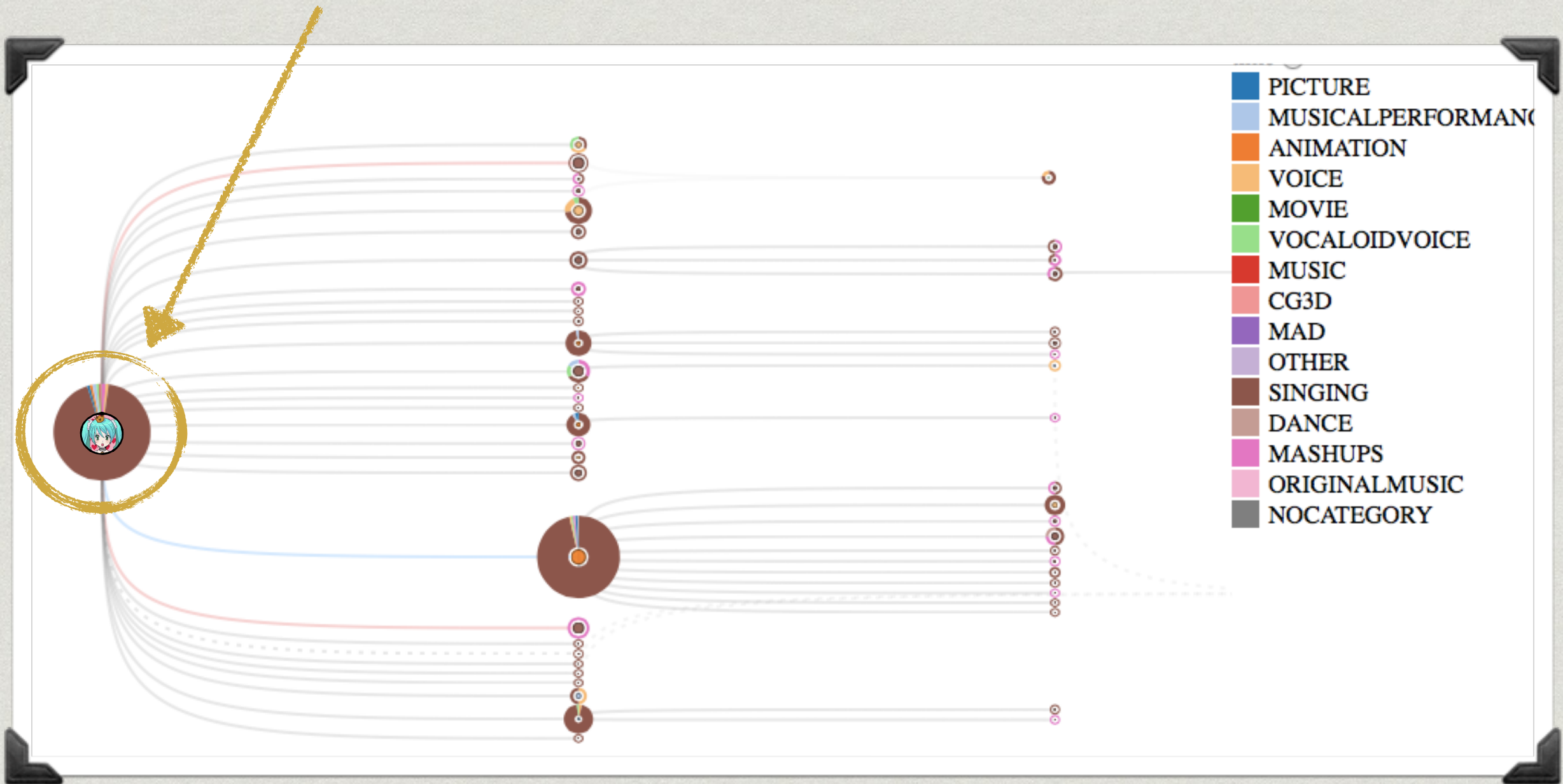




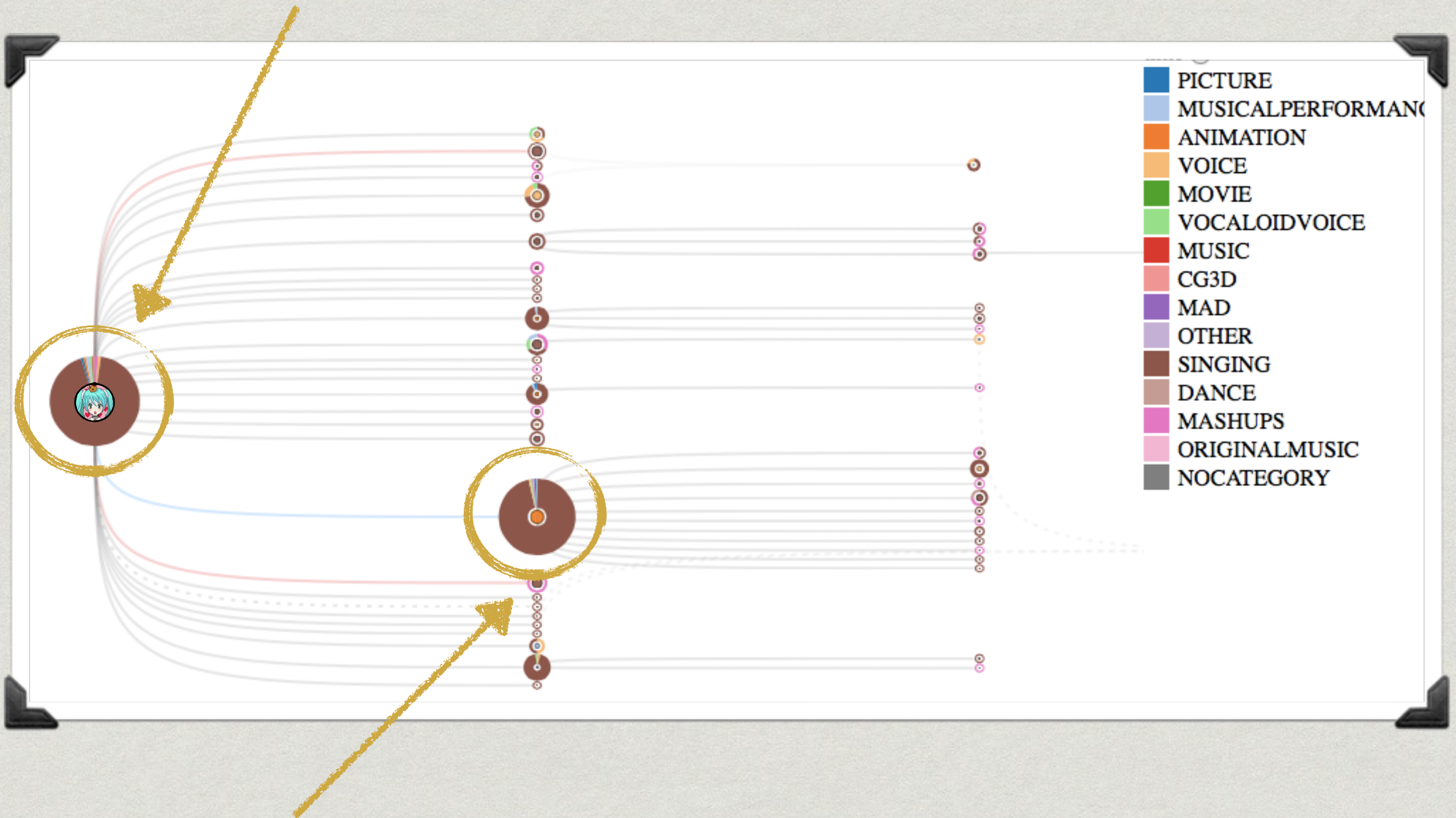


- PICTURE
- MUSICALPERFORMANCE
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- OTHER
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- DANCE
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Original video

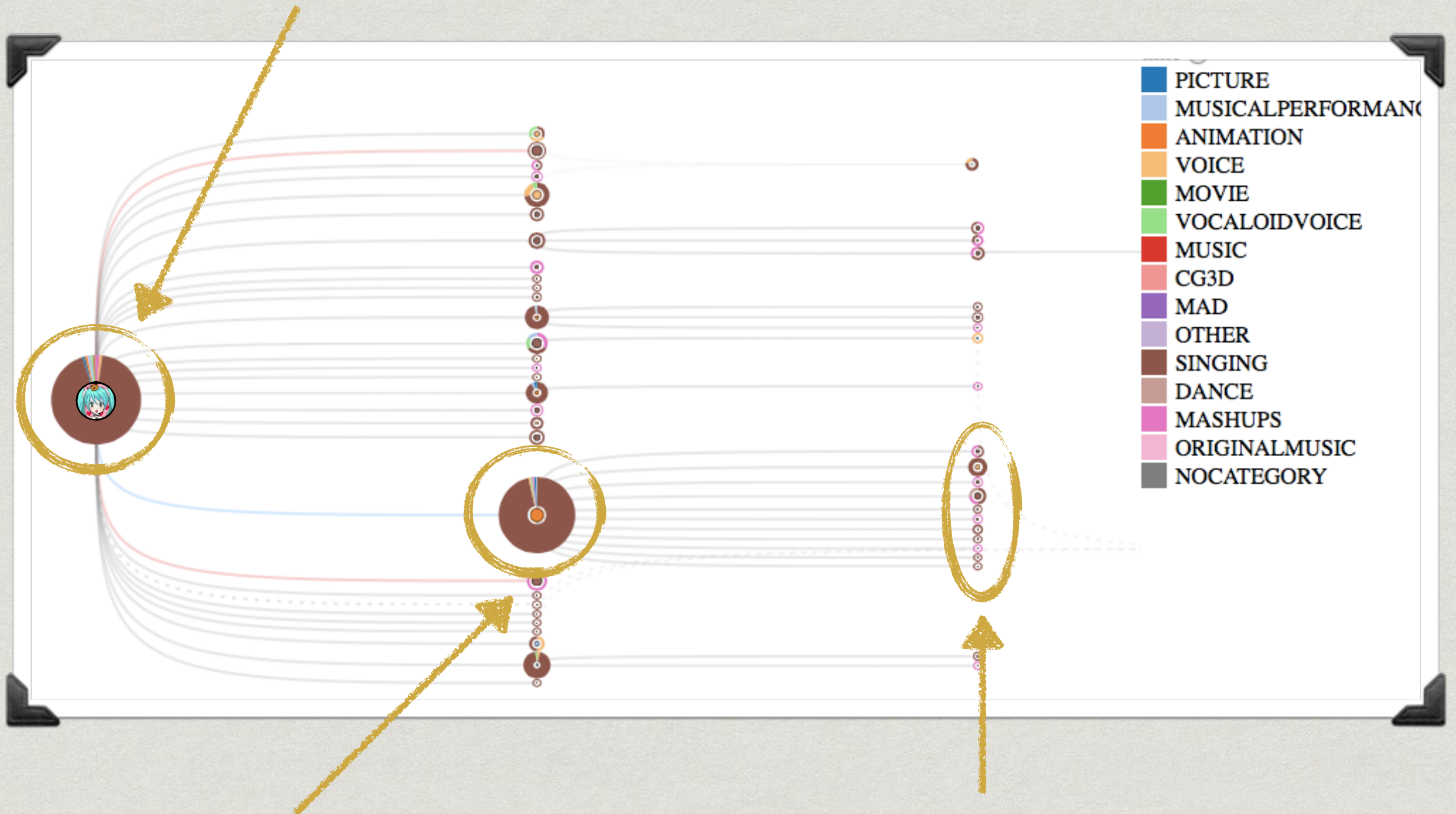


Original video



New animation video

Original video

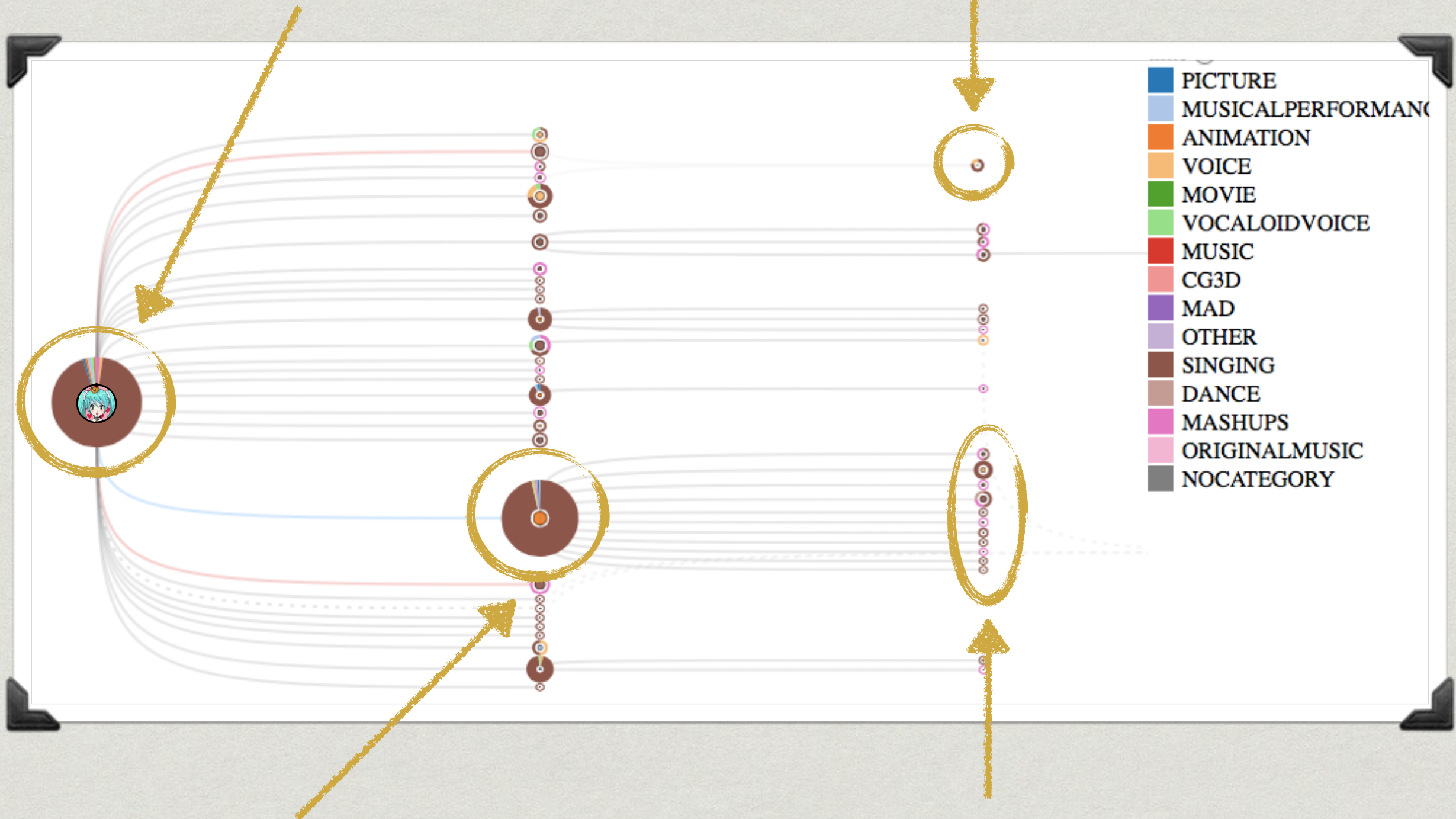


New animation video

Singing

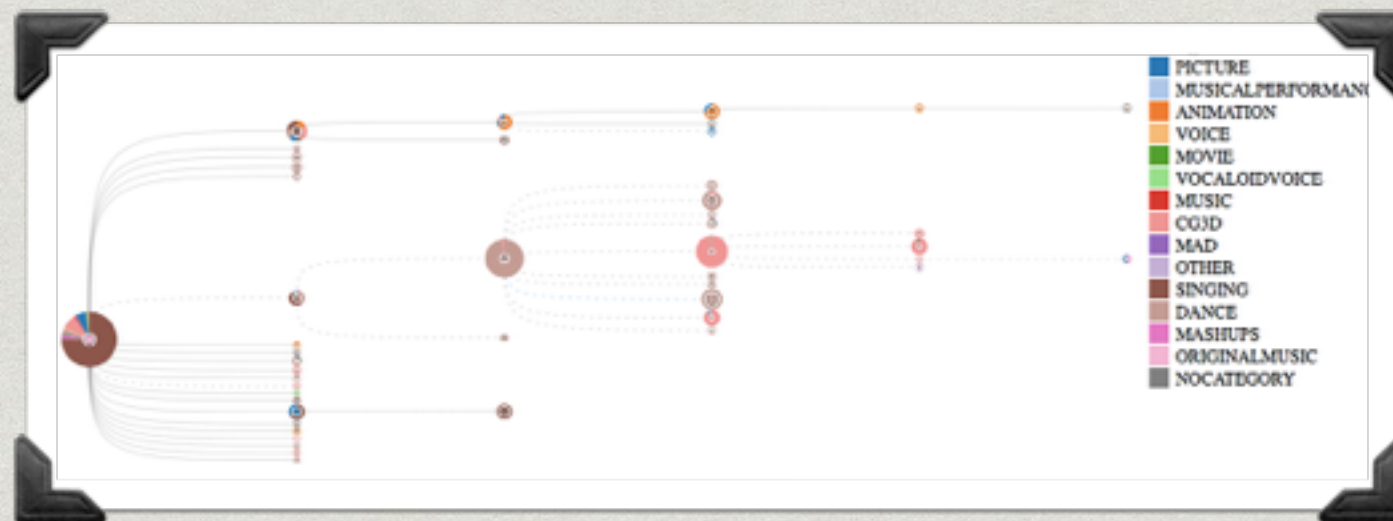
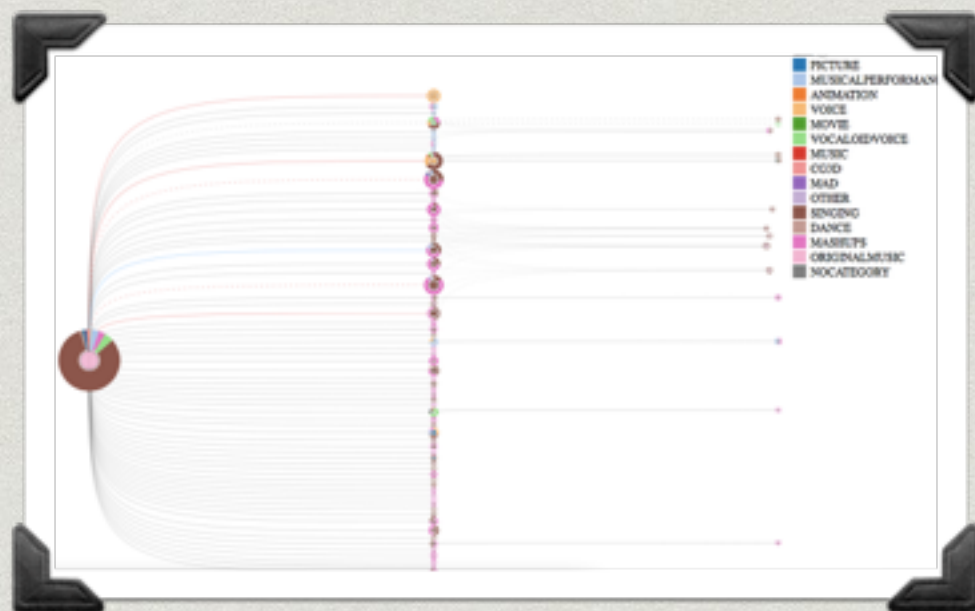
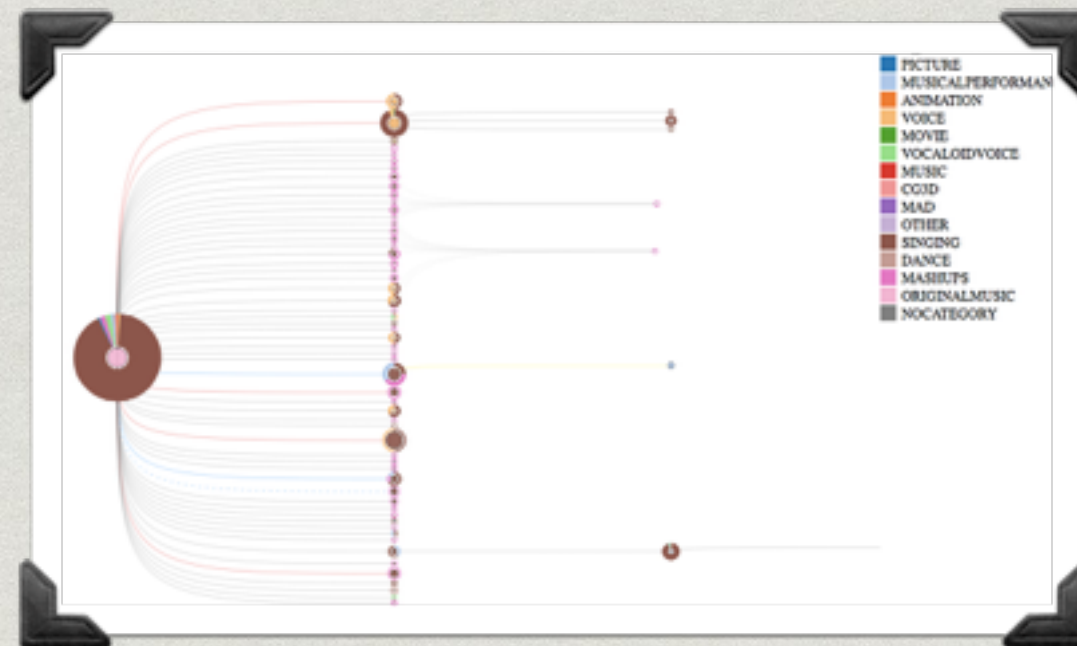
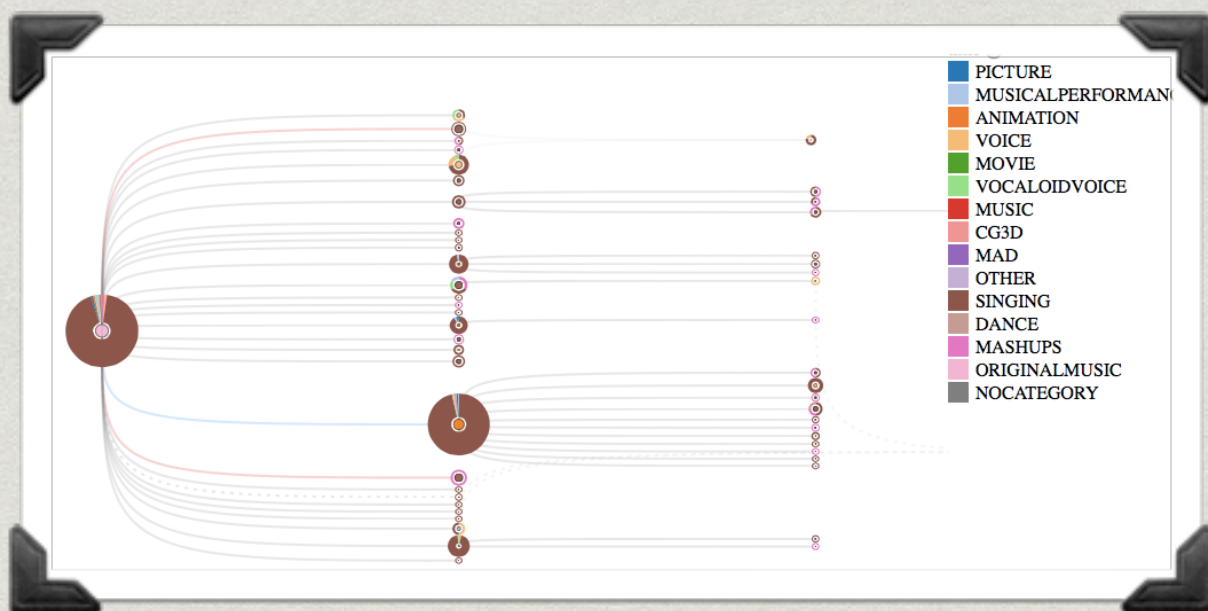
Original video

Mashup

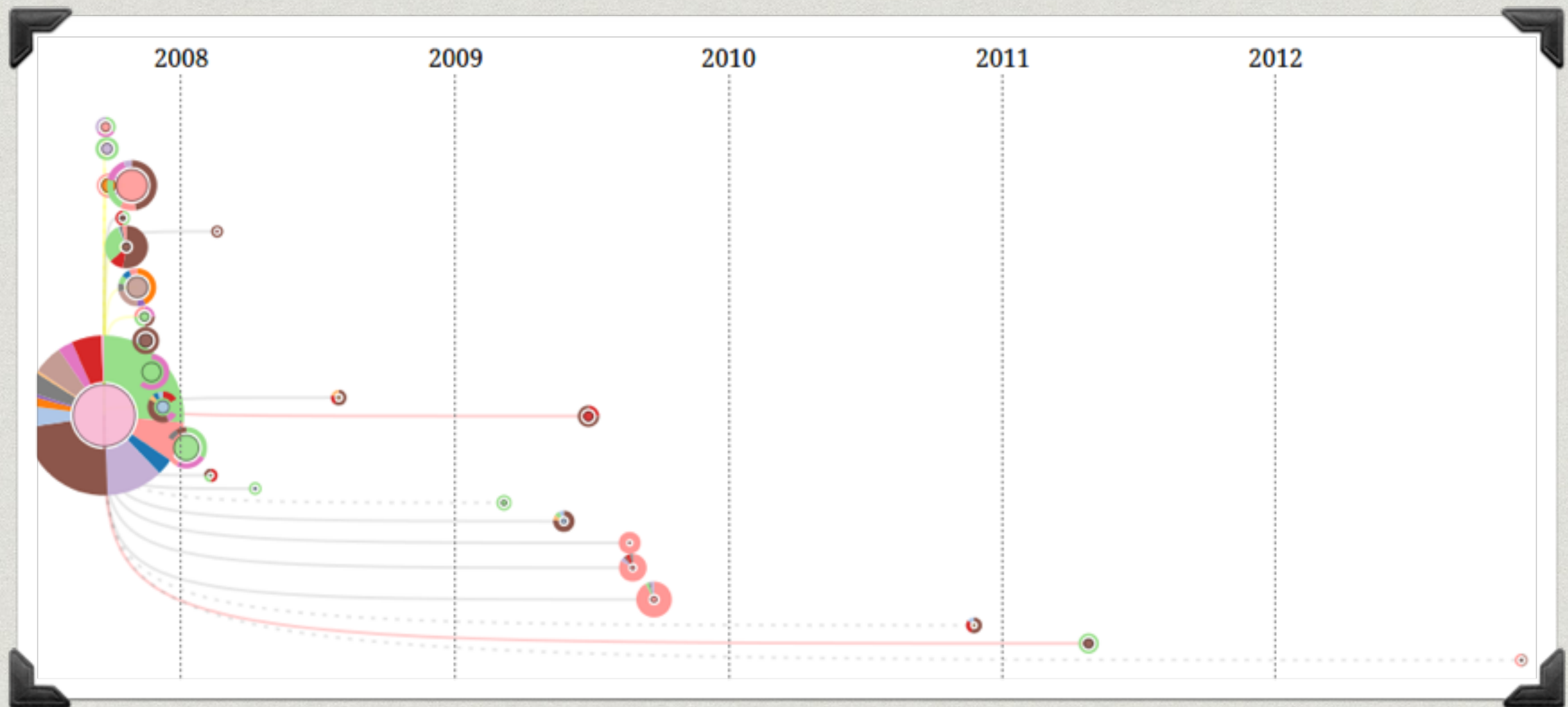


New animation video

Singing

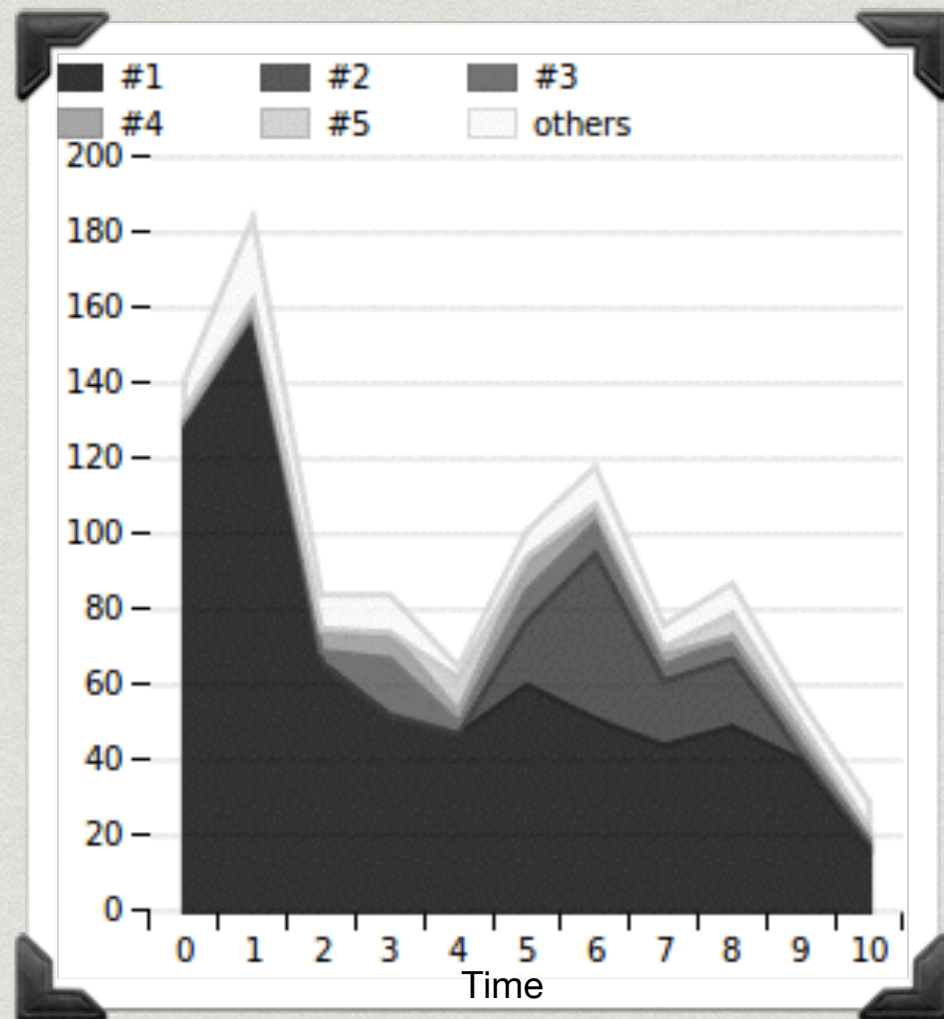


Temporal view

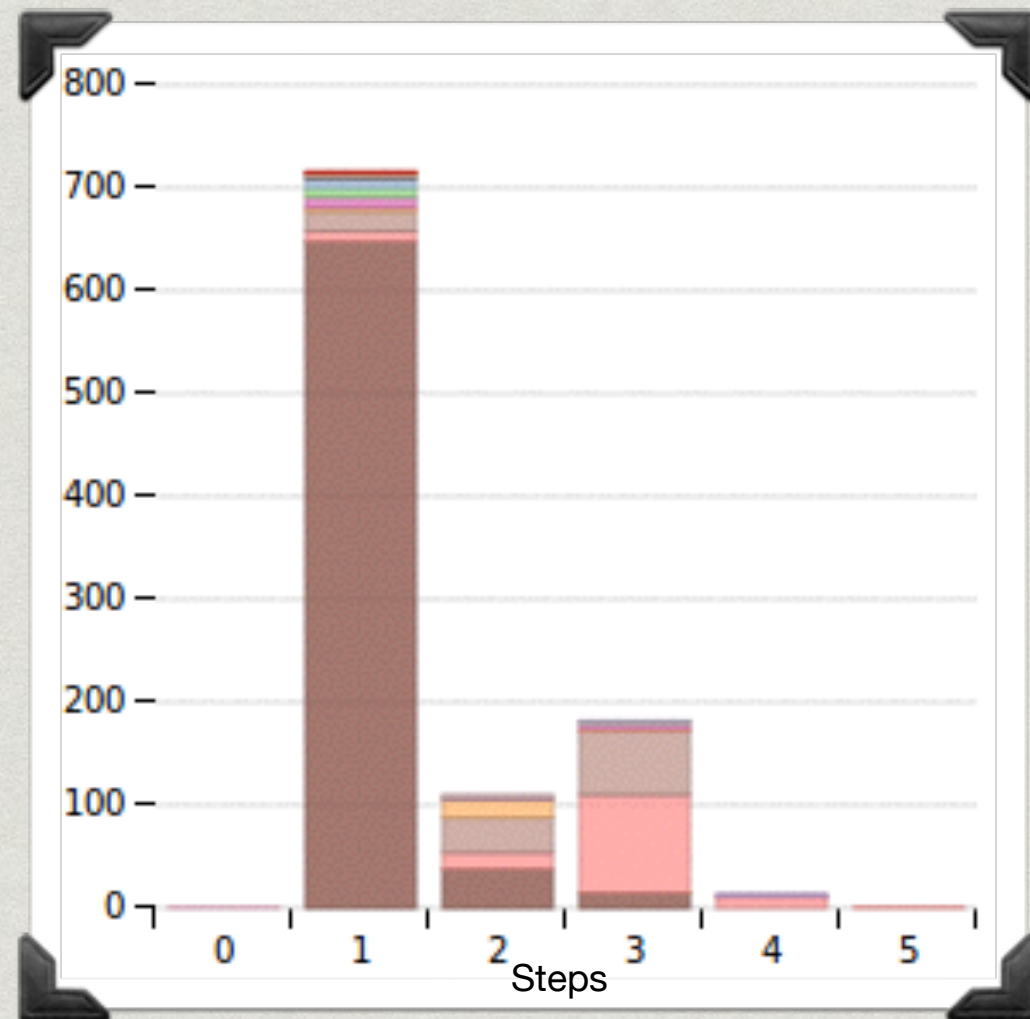


Summary graphs

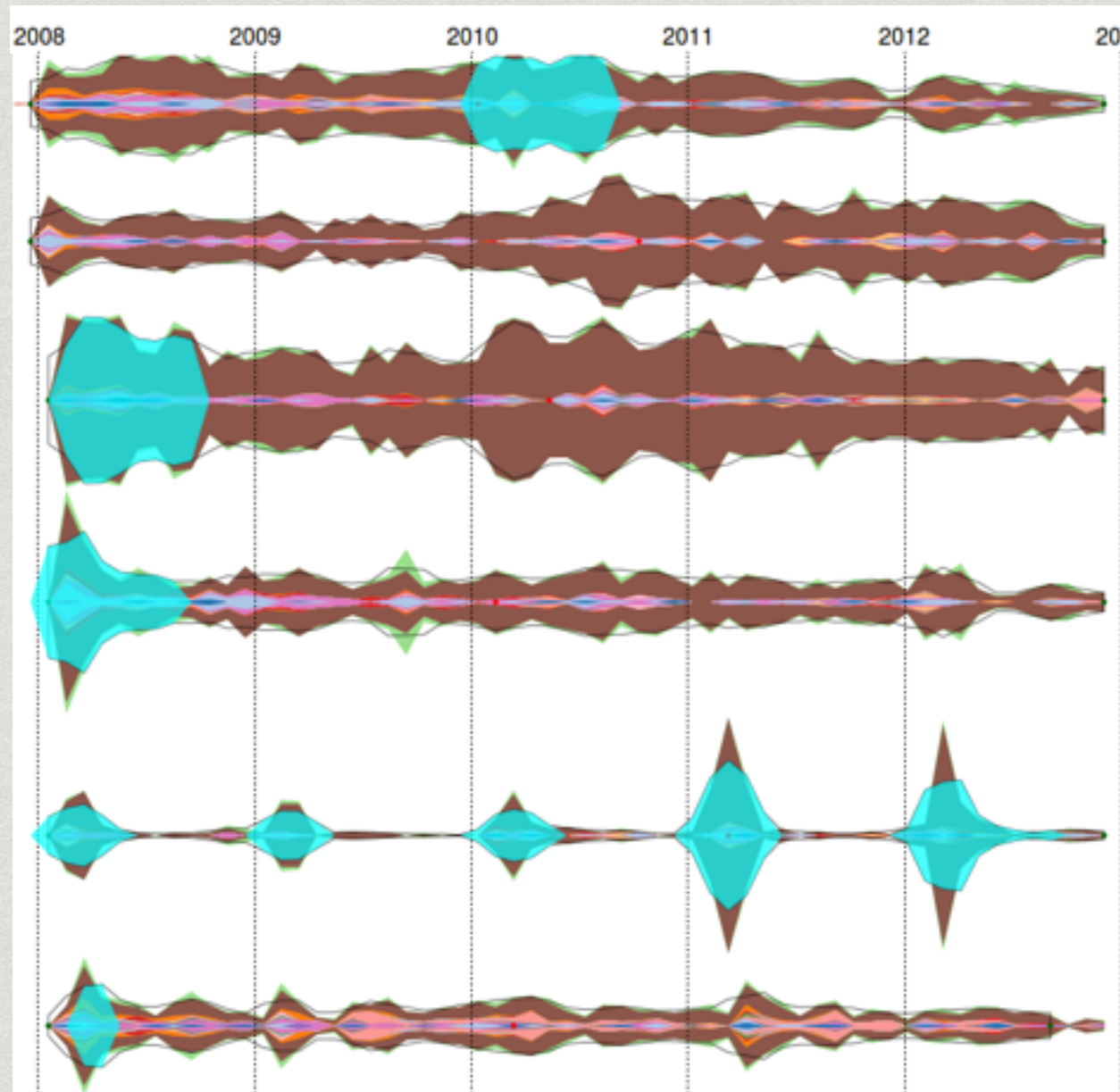
Influence of Top Nodes over time



Production by steps



Time series view



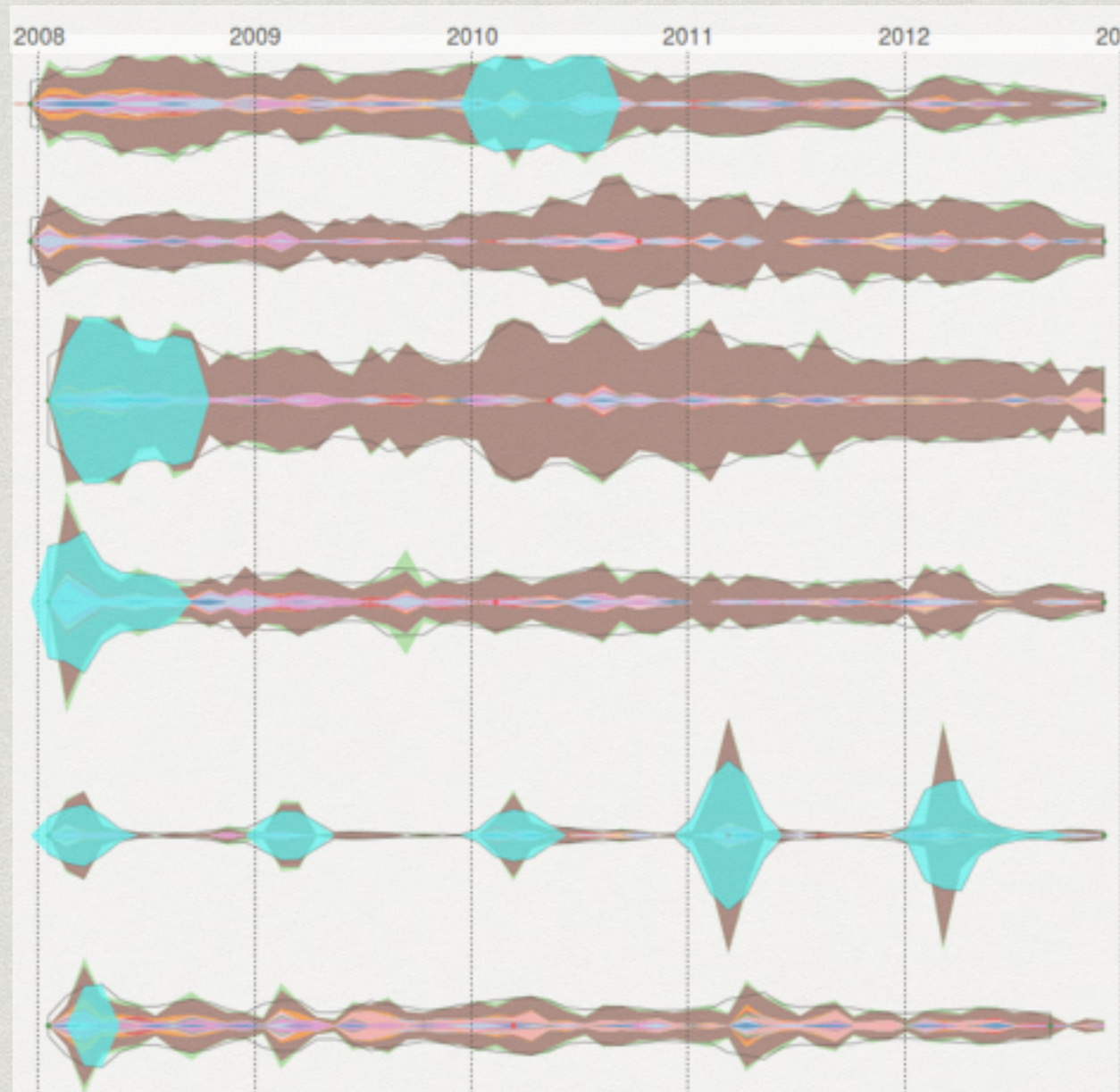
Global indicators

distribution of LifeTime

Burst positions

Periodic events

Time series view



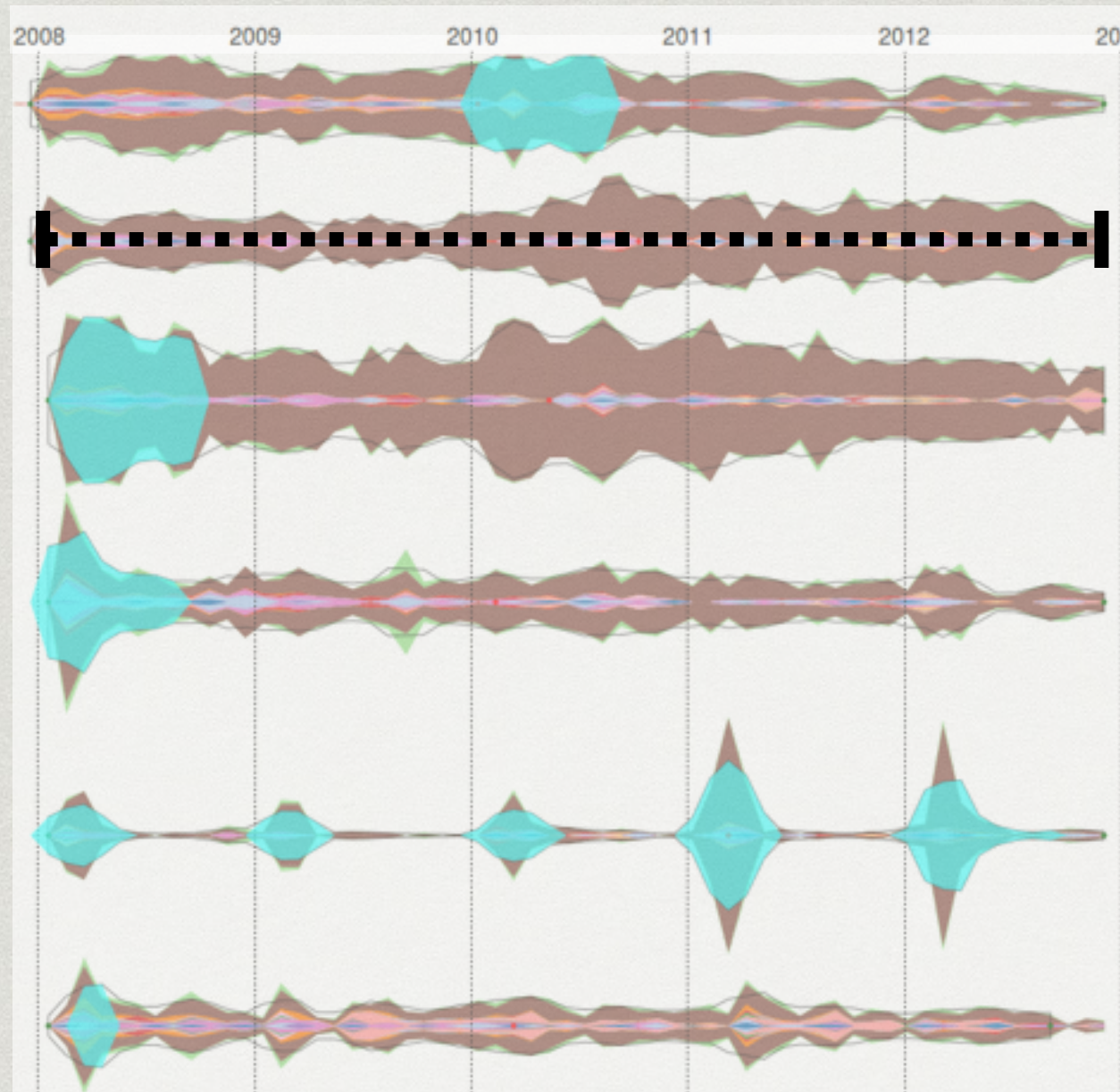
Global indicators

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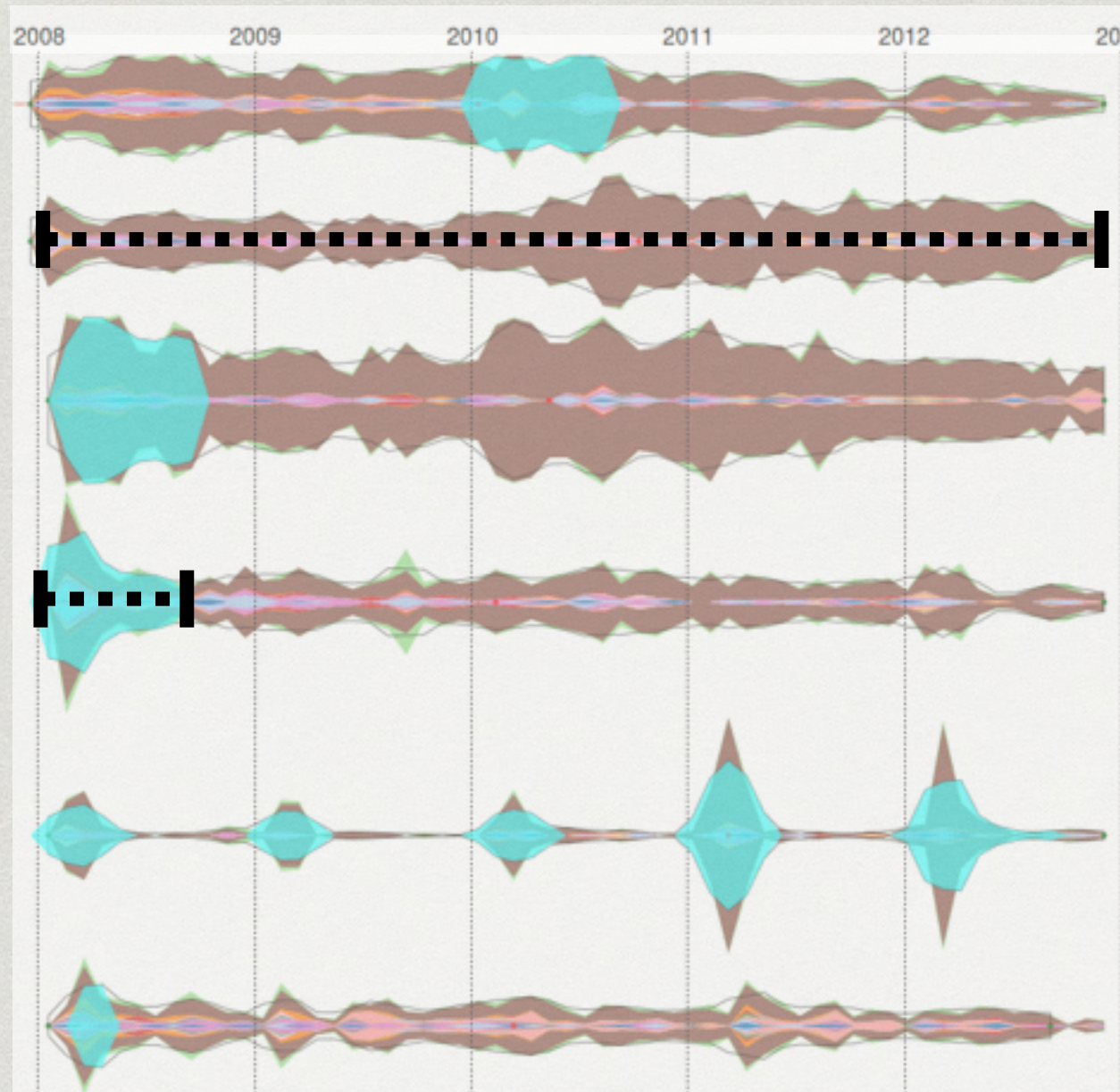
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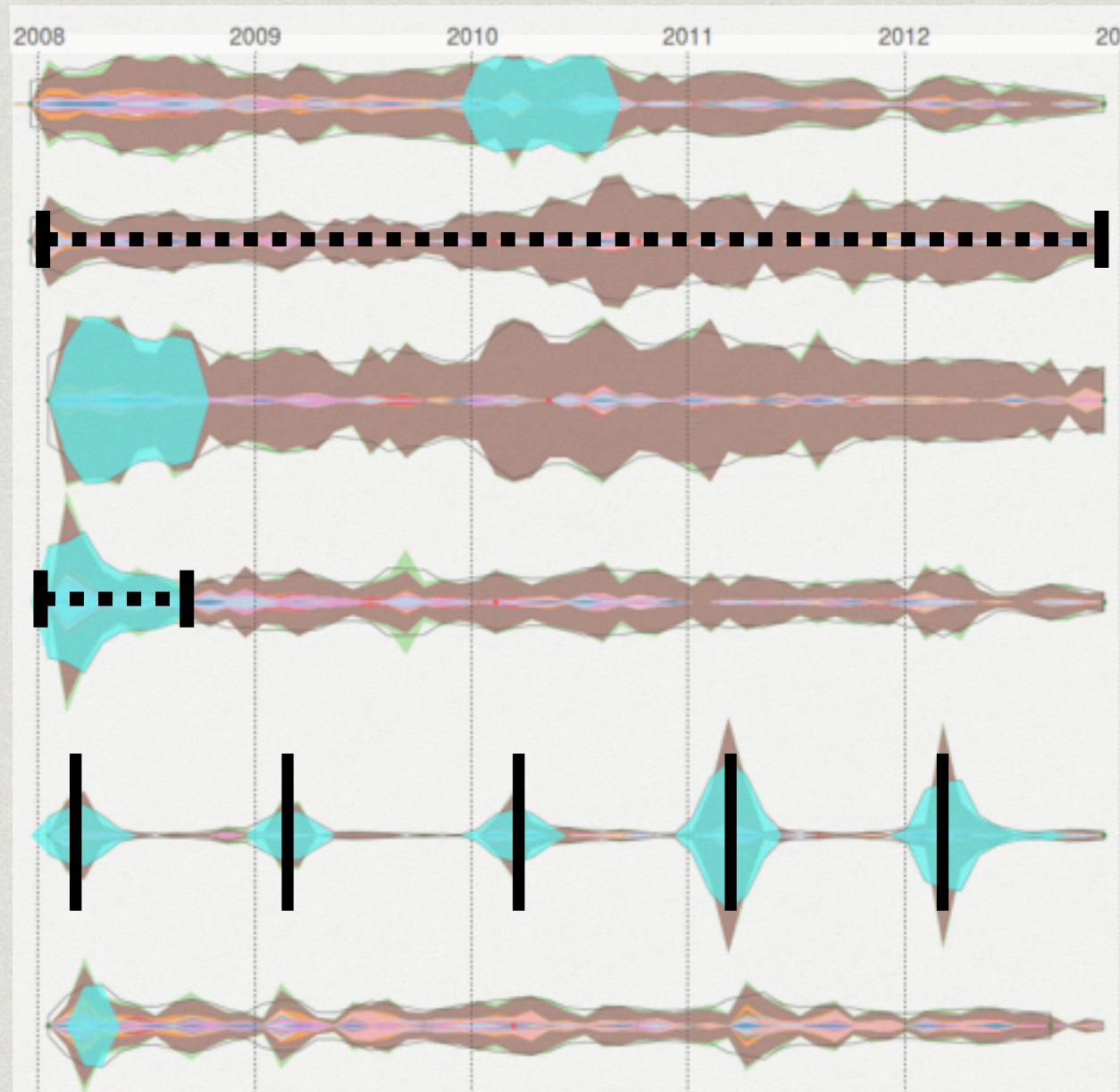
Global indicators

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Global indicators

distribution of LifeTime

Burst positions

Periodic events

Conclusion

Sets of Visualisation to Understand Mass Collaboration

- **Easily reusable: Json Network as input**
- **Can be used on different data:**
 - **Twitter information diffusion**
 - **Scientific citations**
 - **...**



Thank you

