



Euroopa parlamentide polariseeritus: parteide kõnede kvantitatiivne võrdlus

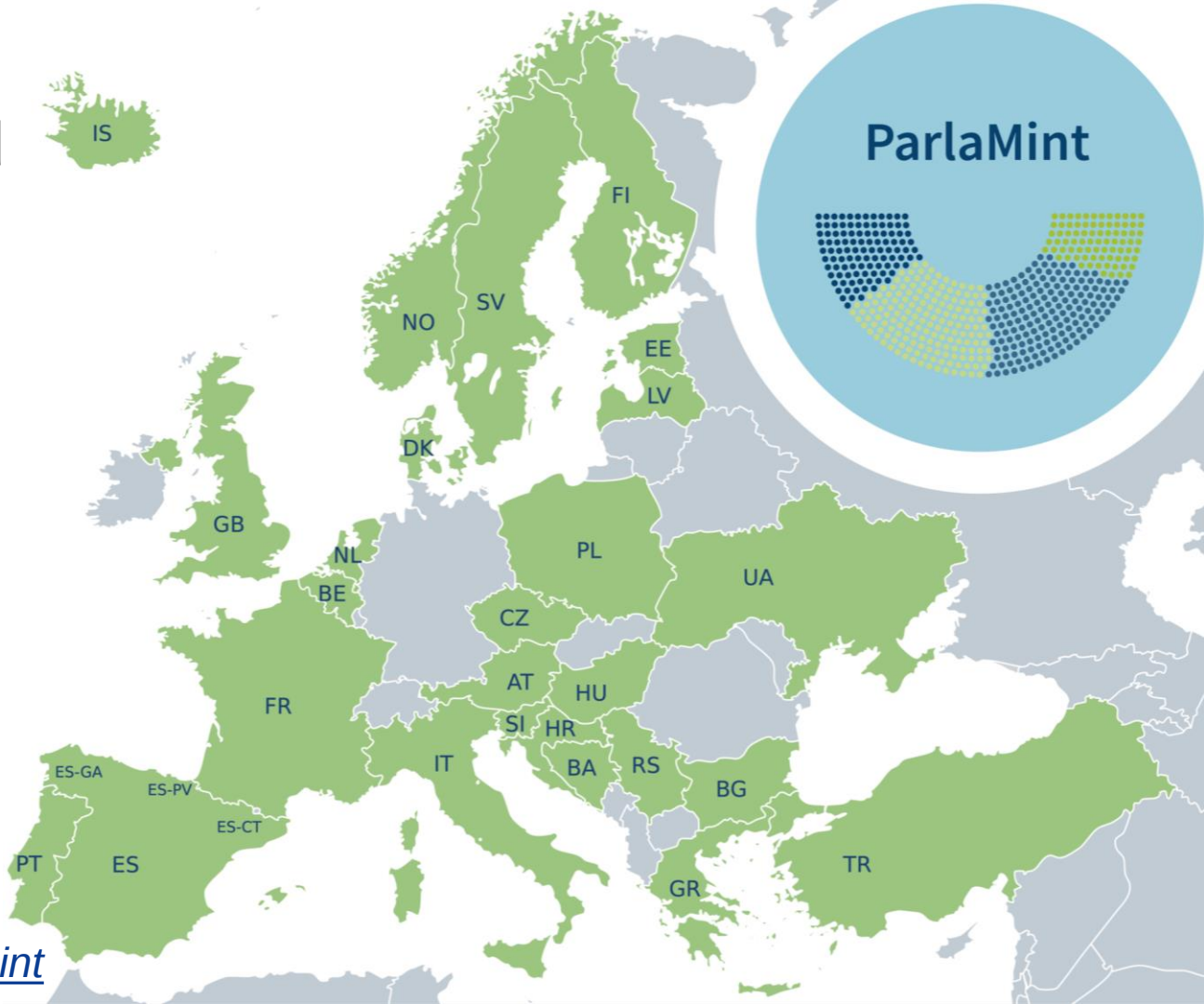


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Rakenduslingvistika

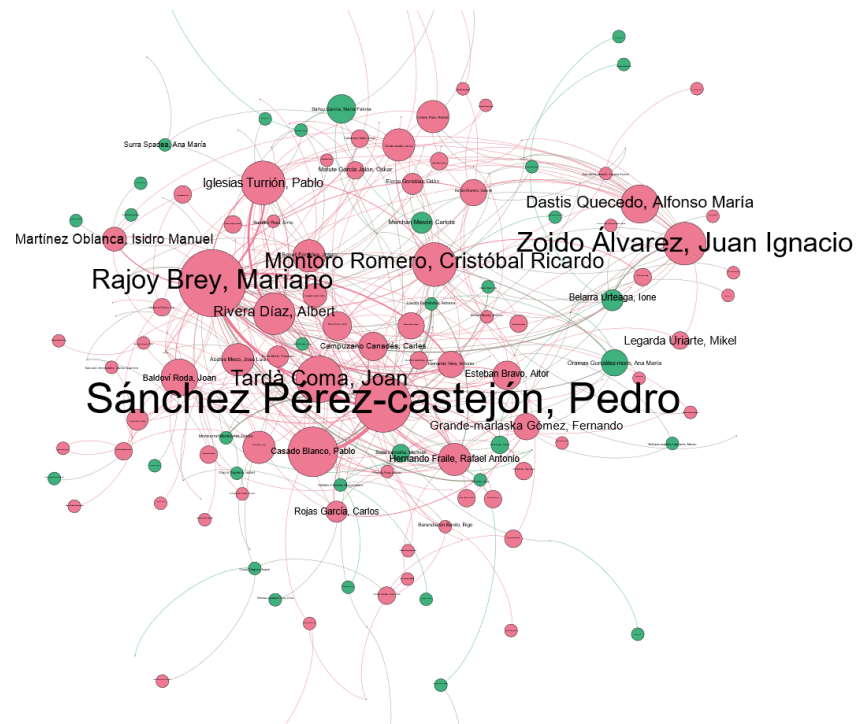
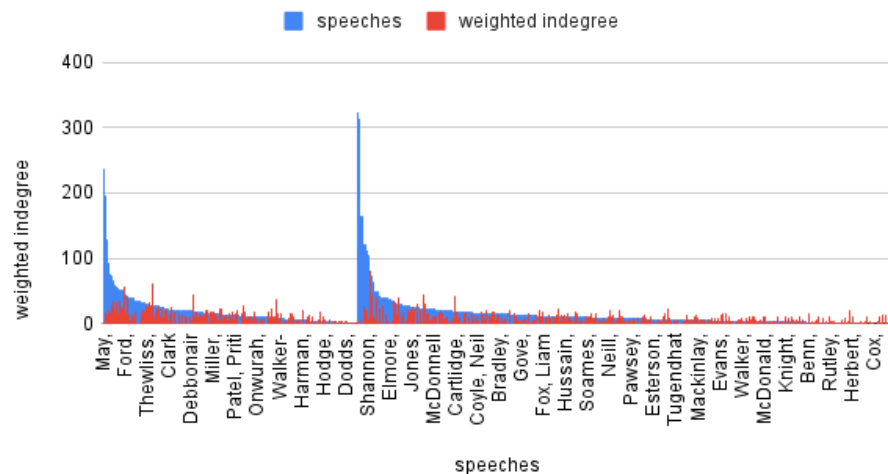
ParlaMint andmed

*Uniformly encoded
transcriptions of
speeches from 29
parliaments across
Europe.*



<https://www.clarin.eu/parlamint>

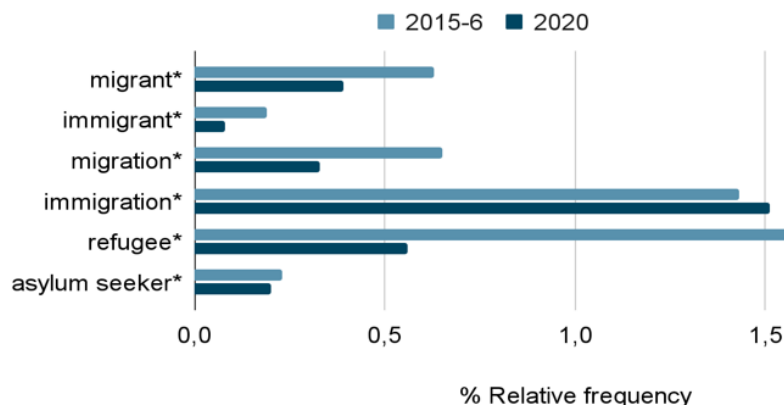
Näidisuuringud



<https://www.clarin.eu/impact-stories/networks-power-gender-analysis-european-parliaments>

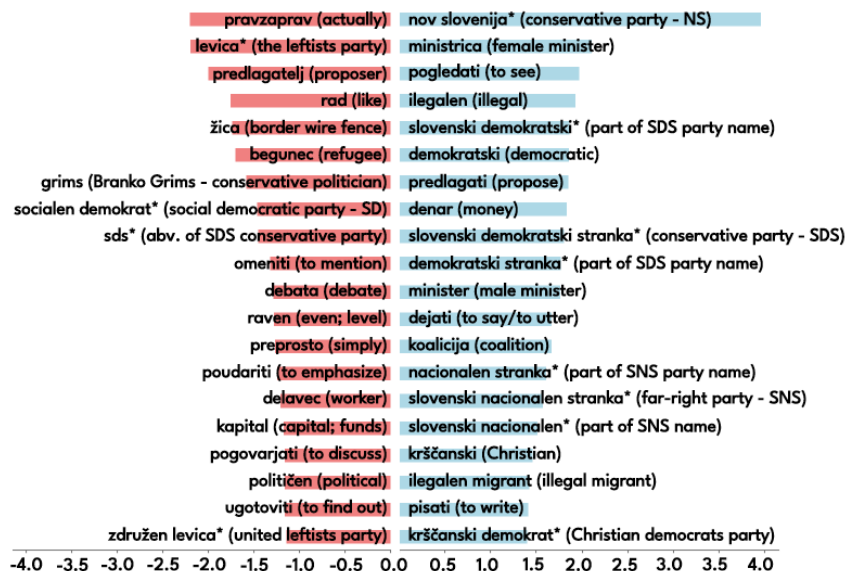
Näidisuuringud

Frequency Distribution - UK Parliament



<https://www.clarin.eu/impact-stories/parlamint-resource-democracy>

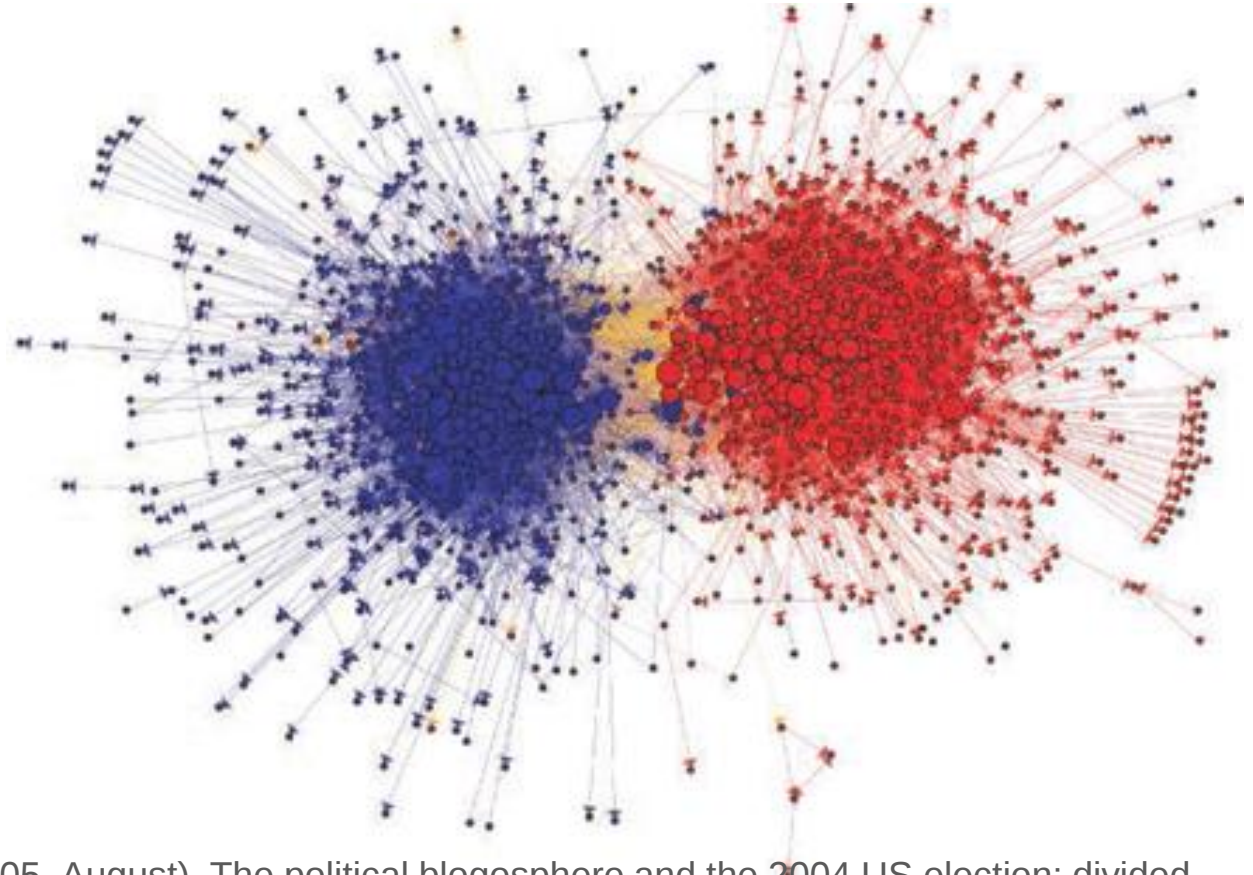
SVM Feature Importance Scale (negative = leftist; positive = rightist)



<https://www.clarin.eu/impact-stories/explainable-ai-understanding-political-orientations-slovenian-parliament>

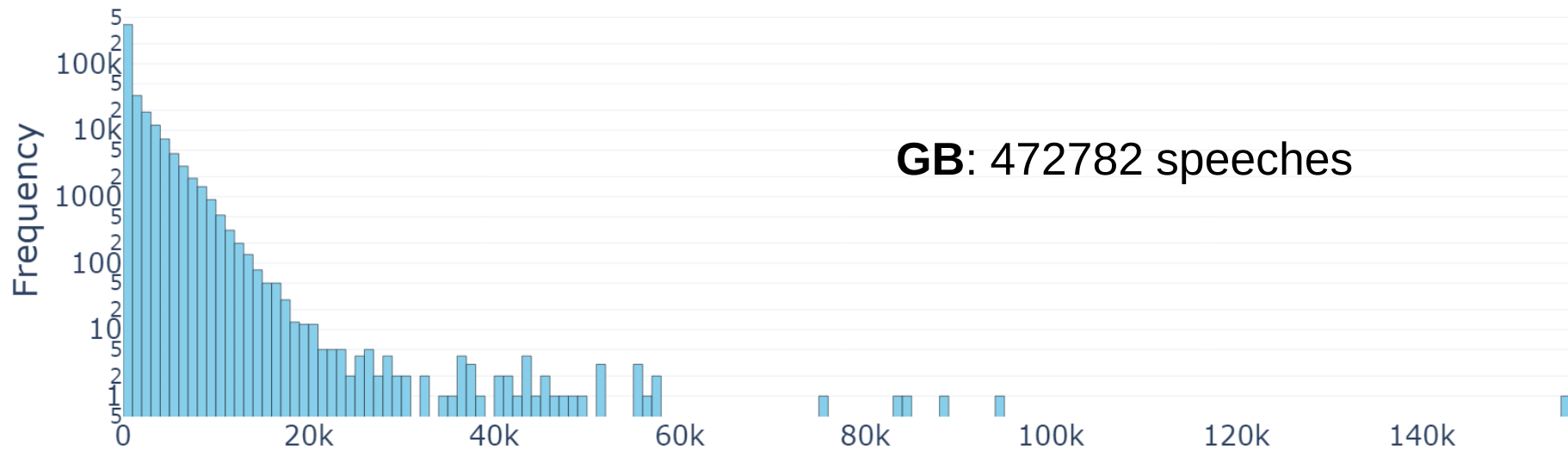
Polariseerumine

USA poliitiliste blogijate
polariseeritus 2014
valimiste ajal

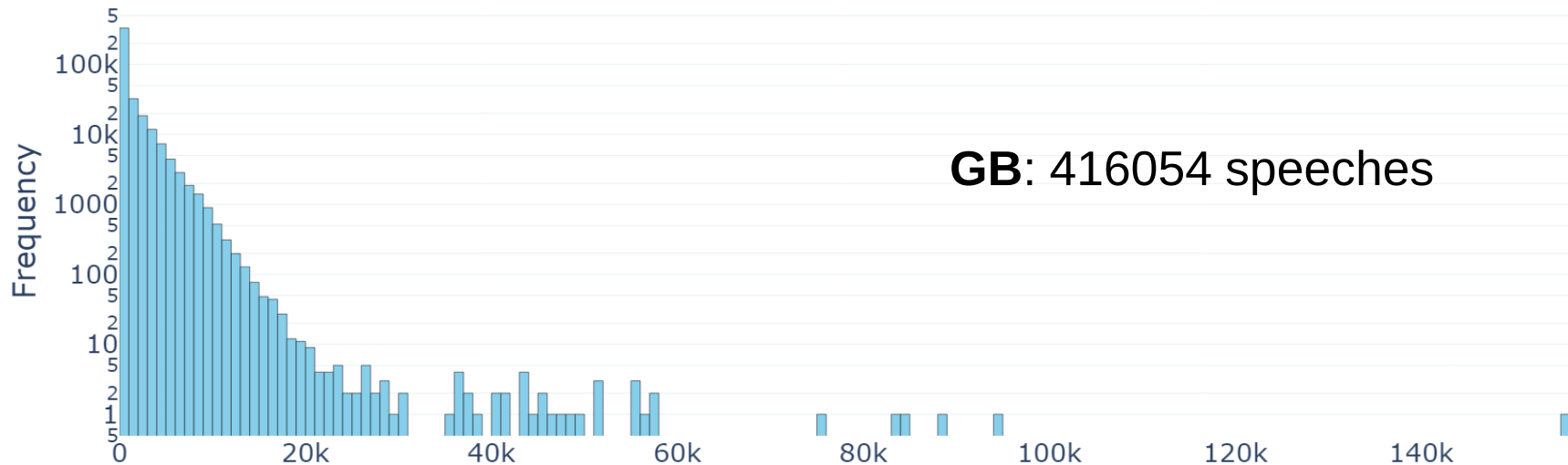


Adamic, L. A., & Glance, N. (2005, August). The political blogosphere and the 2004 US election: divided they blog. In *Proceedings of the 3rd international workshop on Link discovery* (pp. 36-43).

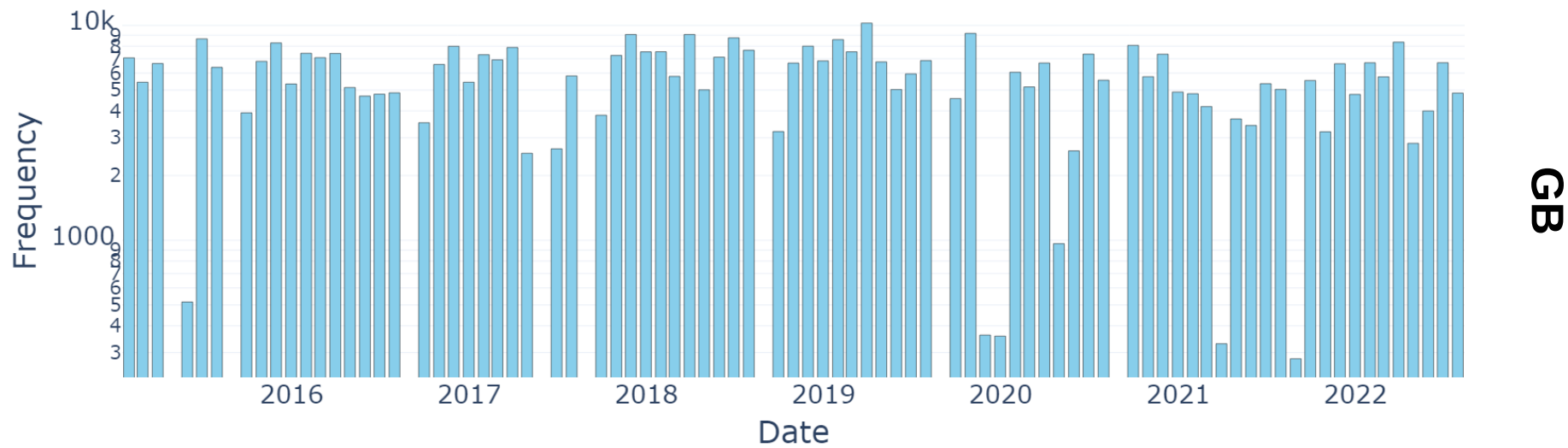
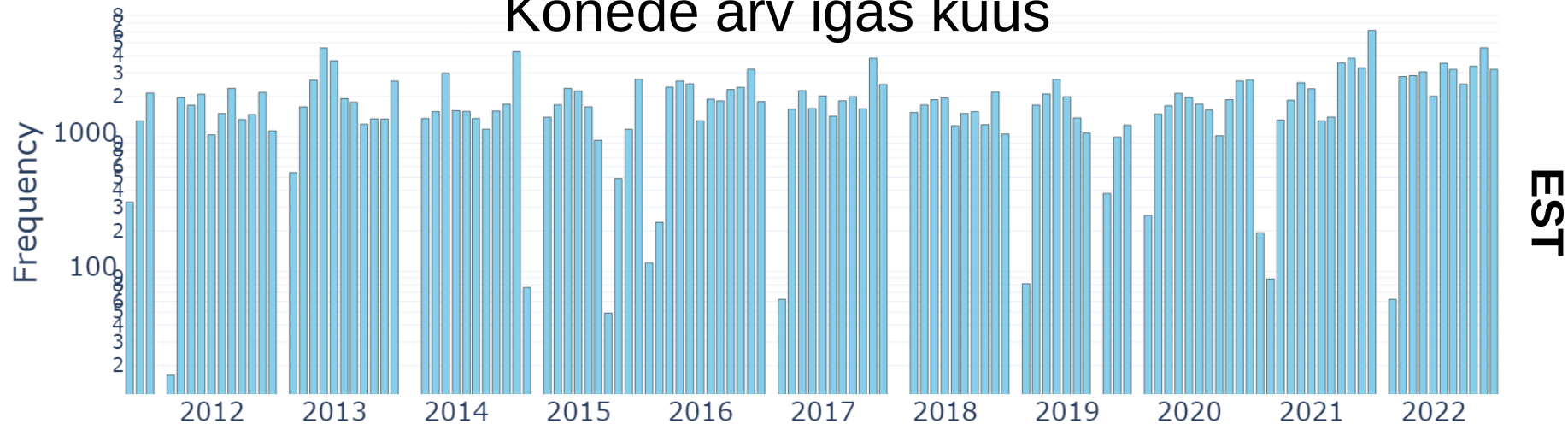
ID	speech	Title	Date	Body	Term	Session	Meeting	Sitting	Agenda	Subcorp
ParlaMint-EE_2011-04-04_U2	Austatud Vabariigi President! Lugupeetud Riigi...	XII Parliament term, I Session, Plenary Assemb...	2011-04-04	Unicameralism	NaN	rs1	NaN	2011-04-04	NaN	Referen
ParlaMint-EE_2011-04-04_U3	Austatav Eesti Vabariigi Riigikogu XII koossei...	XII Parliament term, I Session, Plenary Assemb...	2011-04-04	Unicameralism	NaN	rs1	NaN	2011-04-04	NaN	Referen
ParlaMint-EE_2011-04-04_U4	Tänan, Vabariigi President! Lugupeetud Riigiko...	XII Parliament term, I Session, Plenary Assemb...	2011-04-04	Unicameralism	NaN	rs1	NaN	2011-04-04	NaN	Referen
ParlaMint-EE_2011-04-04_U5	Riigikogu liikme	XII Parliament								



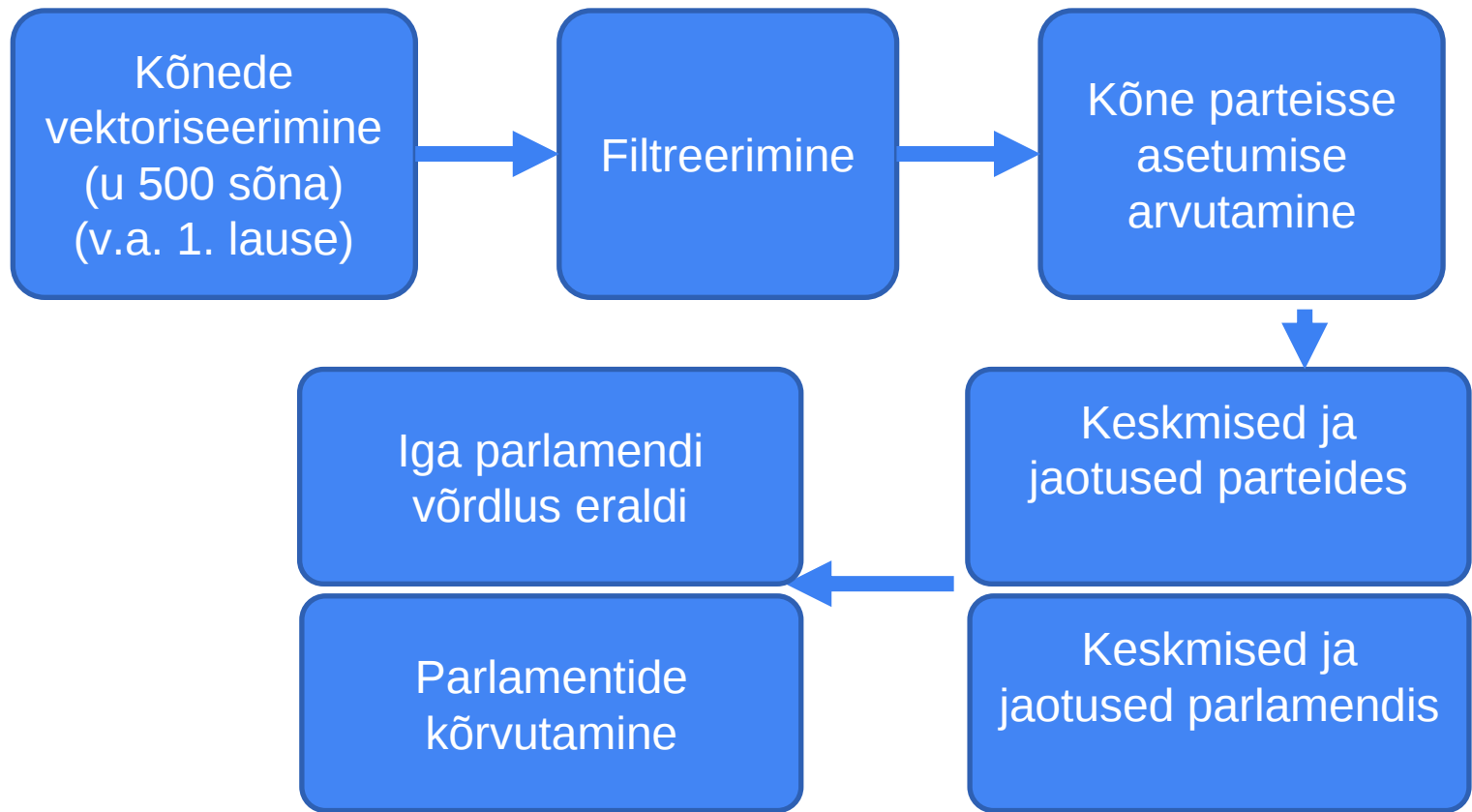
Filtreeritud kõnede pikkuste jaotus



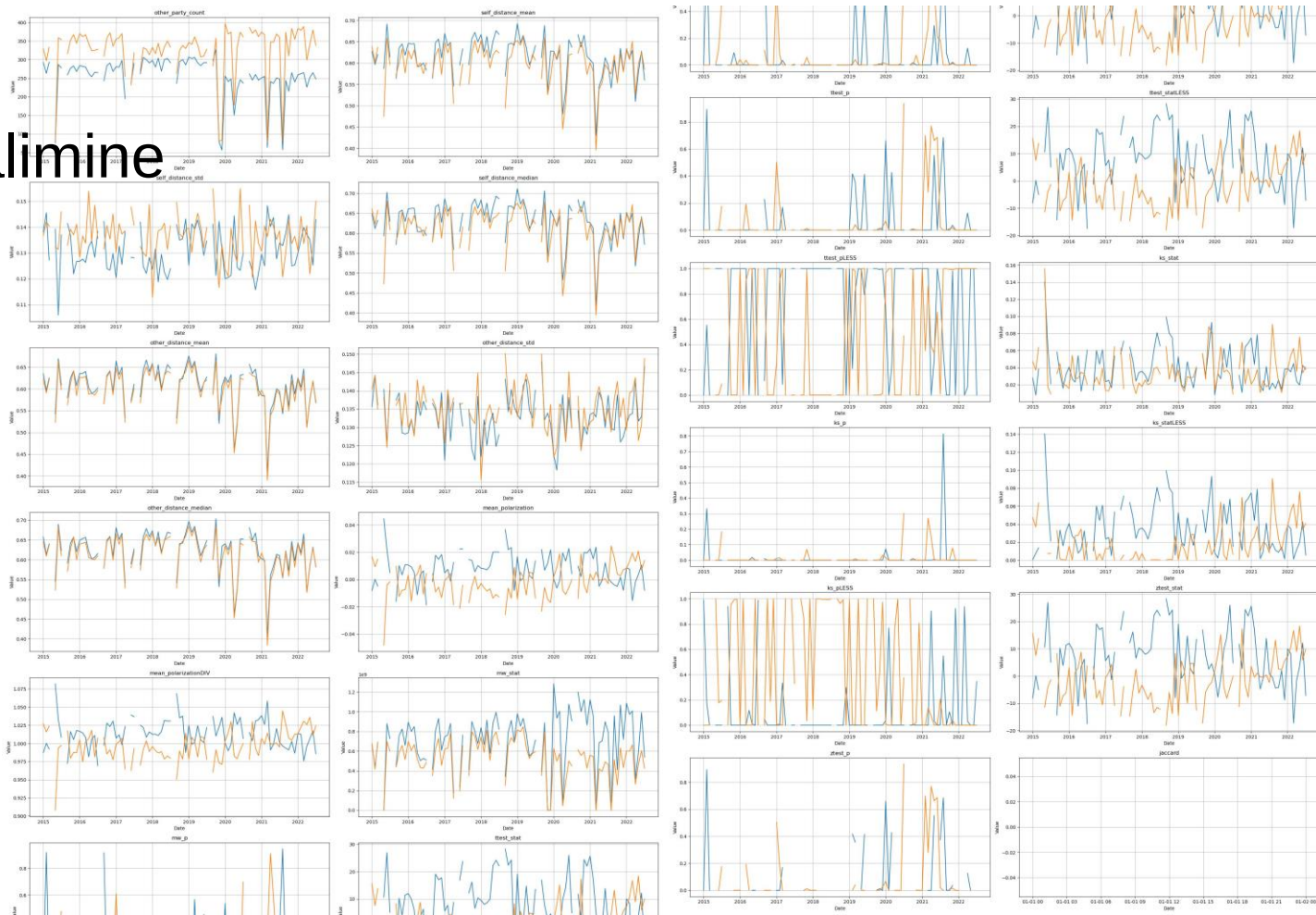
Kõnede arv igas kuus

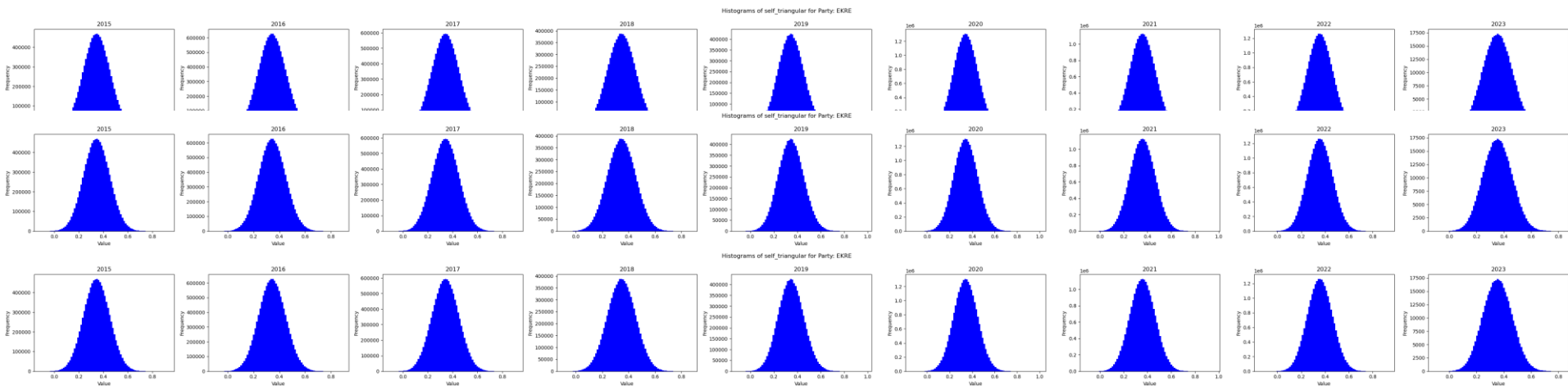


Töövoog



Statistilise mõõdiku valimine





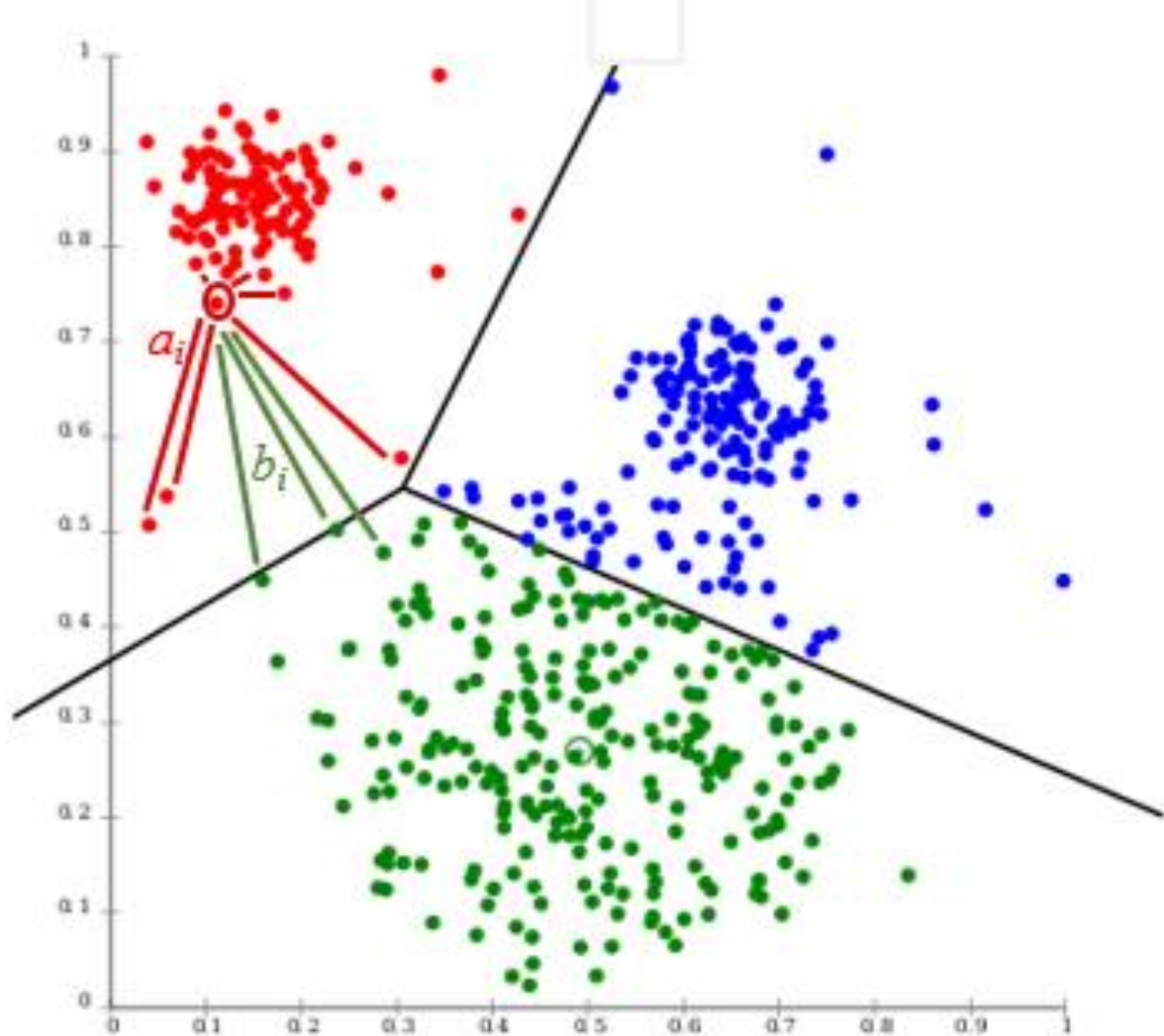


SILHOUETTE SCORES

Silhouette score

Cohesion – distance of point “i” from each other point in same cluster

Separation - distance of point “i” from each other point in nearest cluster

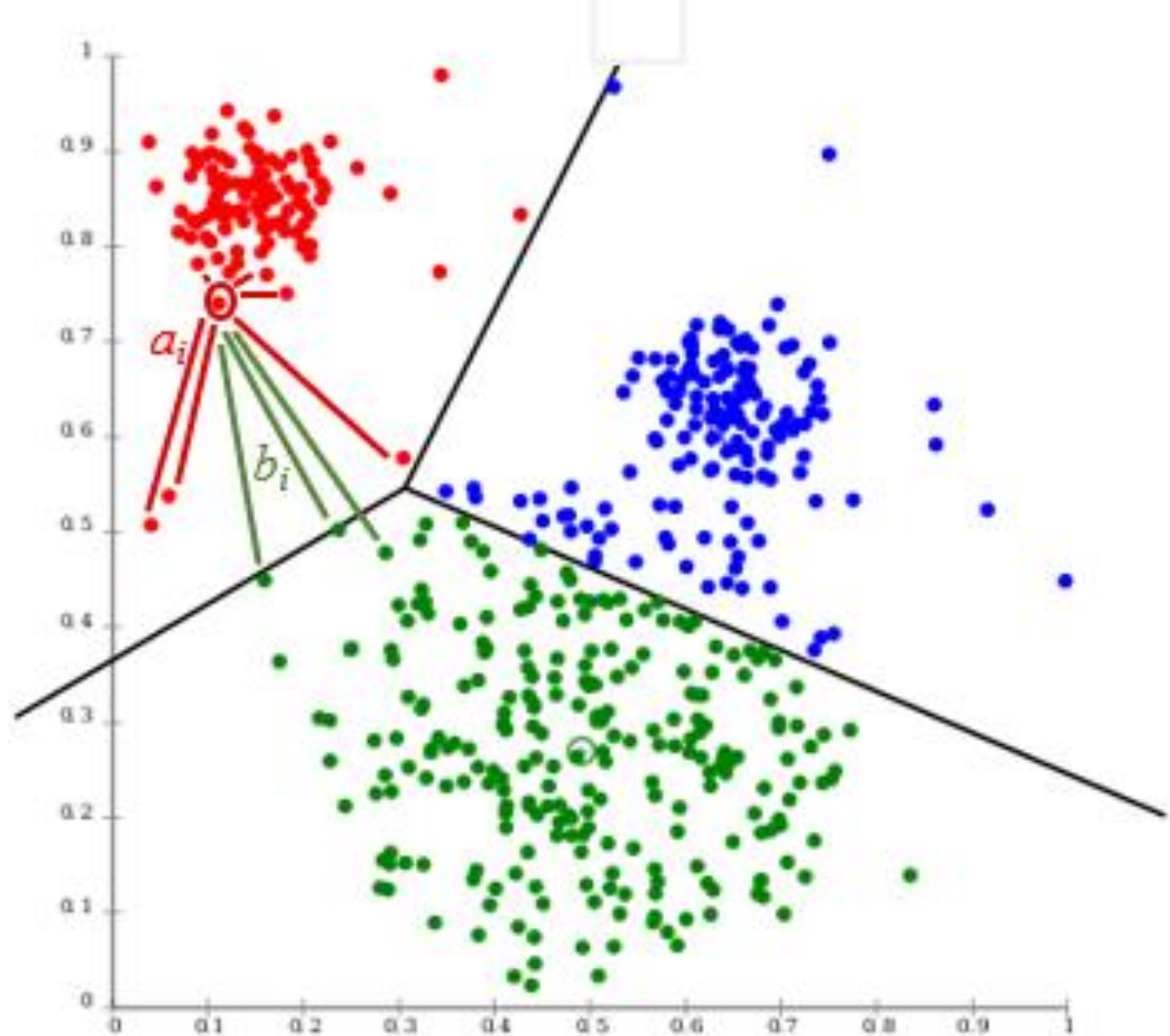


<https://stackoverflow.com/questions/63639841/how-can-silhouette-scores-be-negative>

Silhouette score

1 (clear cluster)

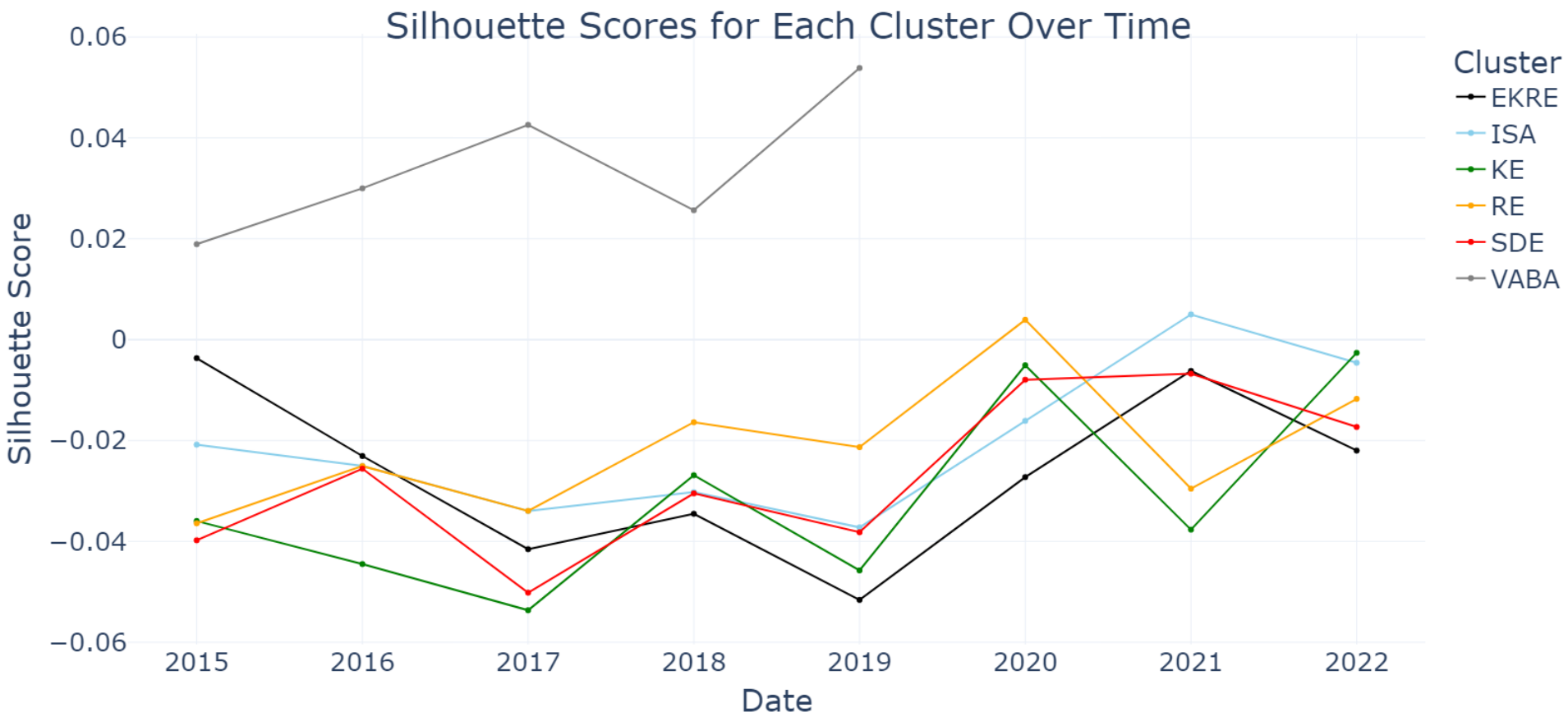
-1 (not a clear cluster)



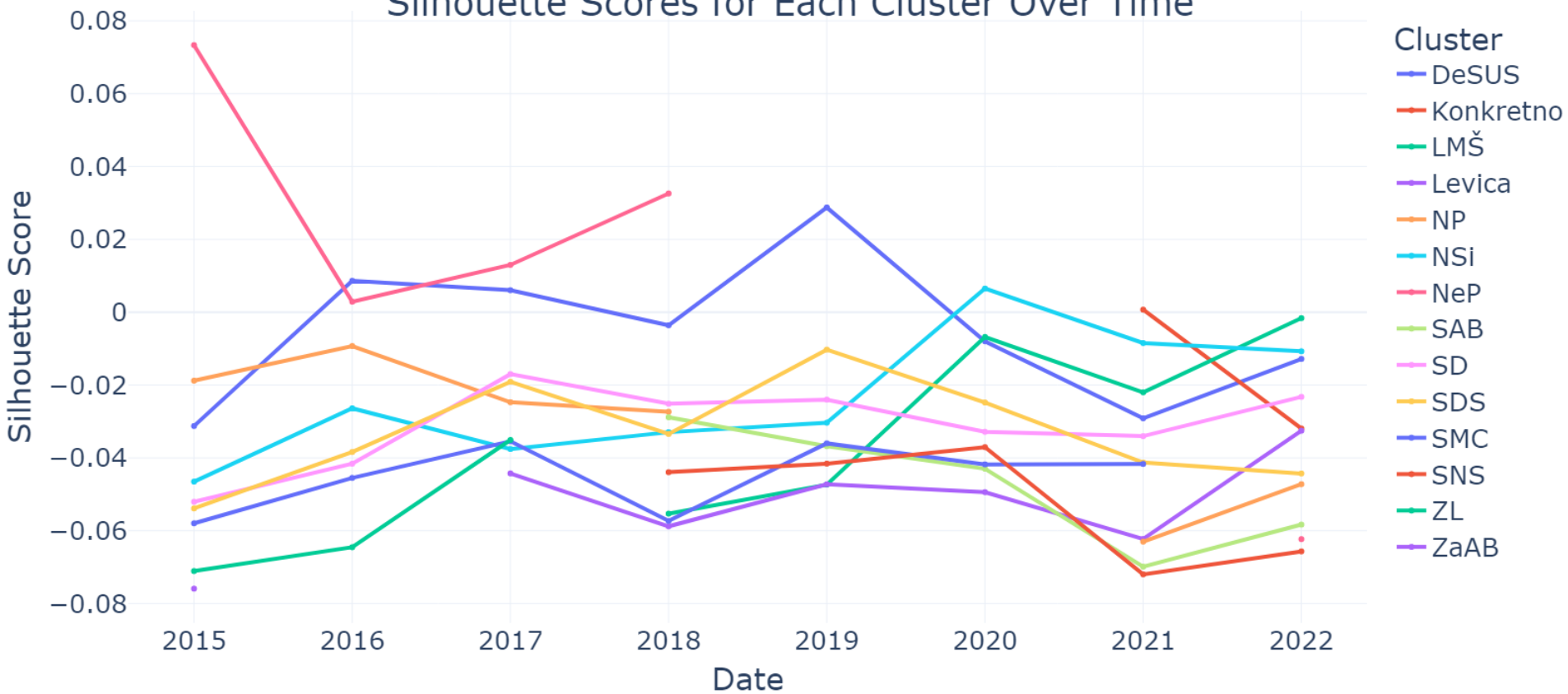
<https://stackoverflow.com/questions/63639841/how-can-silhouette-scores-be-negative>

Silhouette scores for Estonian parliamentary parties

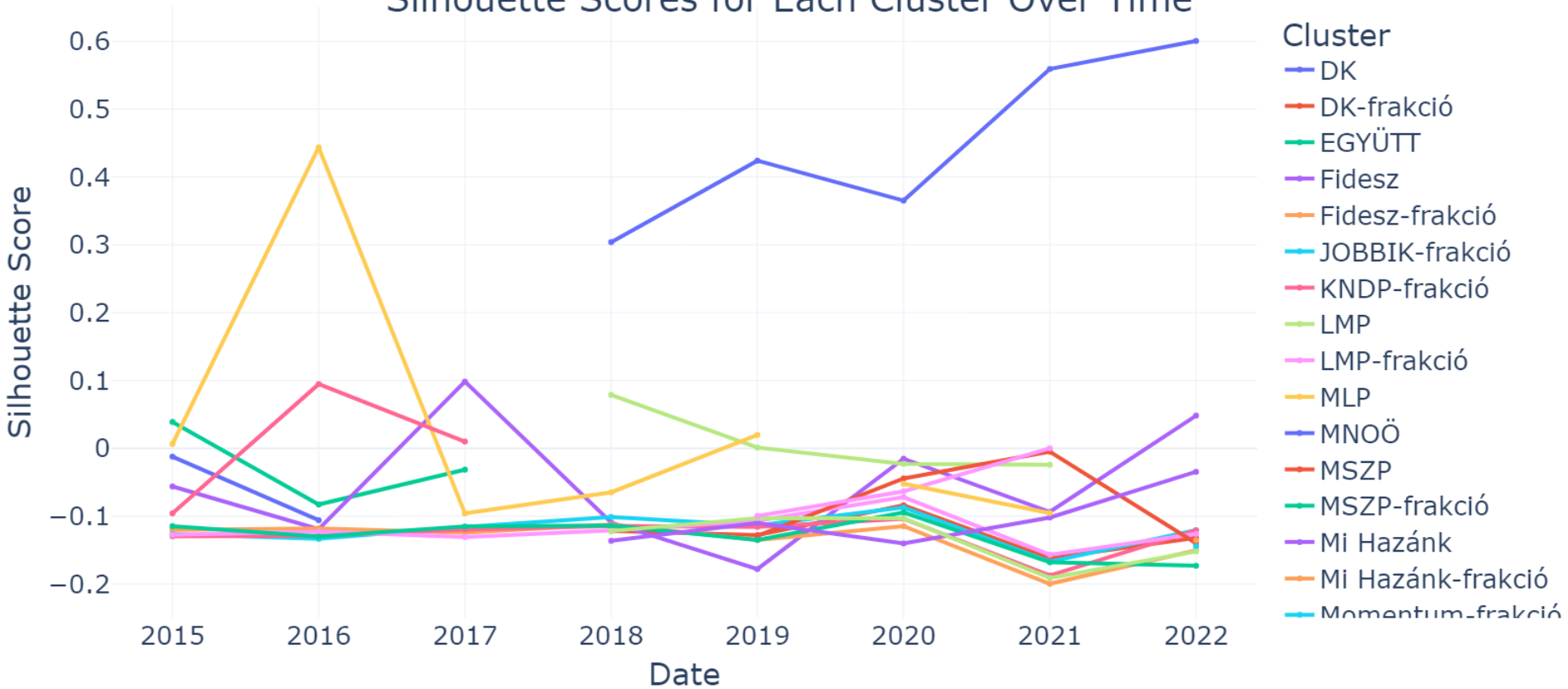
Cluster	2015	2016	2017	2018	2019	2020	2021	2022
EKRE	-0.003669	-0.023073	-0.041543	-0.034517	-0.051595	-0.02725	-0.006207	-0.021992
ISA	-0.020816	-0.025047	-0.033967	-0.030239	-0.037226	-0.016101	0.004994	-0.004587
KE	-0.035954	-0.044488	-0.053643	-0.026883	-0.04575	-0.005088	-0.037667	-0.002617
RE	-0.03641	-0.025063	-0.033952	-0.016373	-0.021318	0.003935	-0.029543	-0.011736
SDE	-0.039782	-0.025573	-0.05016	-0.030479	-0.038186	-0.007945	-0.006757	-0.017318
VABA	0.018918	0.029995	0.042579	0.025648	0.053845			



Silhouette Scores for Each Cluster Over Time



Silhouette Scores for Each Cluster Over Time



Silhouette Scores for Each Cluster Over Time

