

Similis — The Italian Senate's AI Tool for Clustering Near-Duplicate Legislative Amendments

AI in the Public Sector · Good practice · Italy

Quality score: 67/100

Evidence strength: Descriptive / self-reported

Summary

The Italian Senate uses Similis, an NLP tool built with CNR, to automatically cluster near-identical amendments filed en masse during filibusters. Presented in a peer-reviewed 2022 paper and released as open source, it keeps final voting-order authority with the Speaker.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	1/3
Transparency, fairness & accountability	3/3
Transferability / demonstrated replication	3/3
Scalability beyond pilot	1/3
Governance, capability & sustainability	2/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-07-13

[Senato della Repubblica \(Italian Senate\), Information Systems Development Office, with CNR-IGSG](#) — accessed 2026-07-13

[Inter-Parliamentary Union — How AI helps the Italian Senate manage amendments](#) — accessed 2026-07-13

[Senato della Repubblica — AI in the Italian Senate dossier \(PDF\)](#) — accessed 2026-07-13

[ACL Anthology — Clustering Similar Amendments at the Italian Senate \(ParlaCLARIN III, LREC 2022\)](#) — accessed 2026-07-13

[GitHub — SenatoDellaRepubblica/Similis \(official open-source repository\)](#) — accessed 2026-07-13

[Agenda Digitale — Intelligenza artificiale per fare le leggi, il caso del Senato italiano](#) — accessed 2026-07-13

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