

MultiGEC-2025

A Multilingual Grammatical Error Correction shared task

Arianna Masciolini and Ricardo Muñoz Sánchez
(and many, many more)

What is GEC?



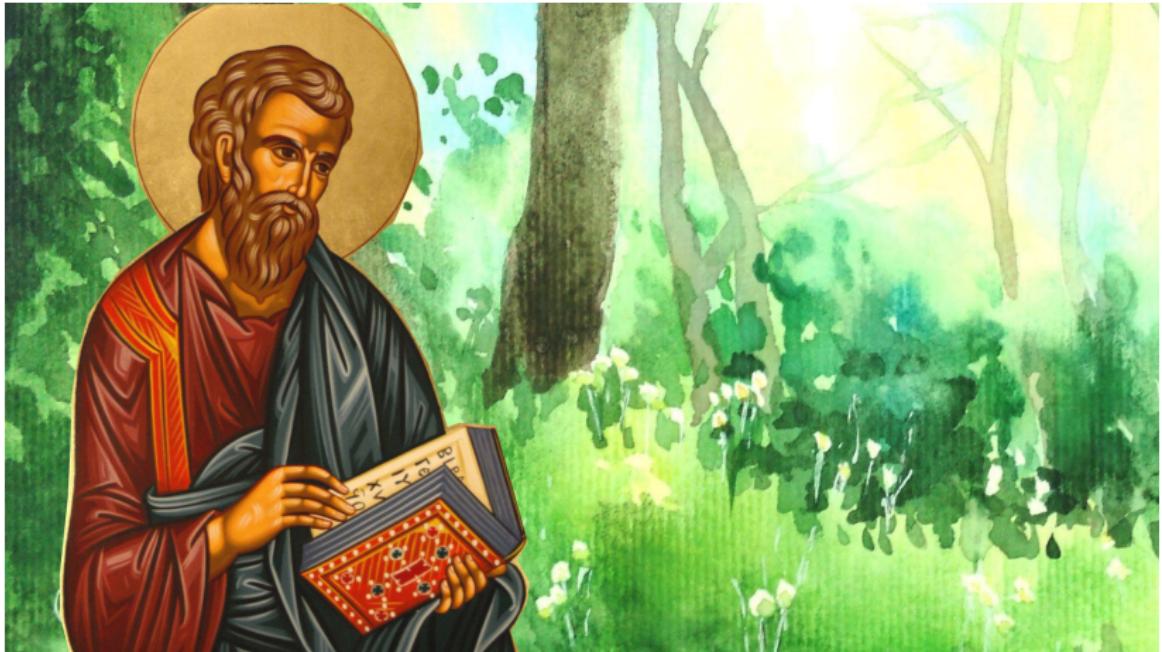
Grammatical Error Correction is *sequence-to-sequence task* where:

- ▶ **input**: an (ungrammatical) text, typically written by a learner
- ▶ **output**: a normalized version of the same text, aka *correction hypothesis*, which can be
 - ▶ *minimal* or
 - ▶ *fluency-edited*

Example

original	normalized (minimal)	normalized (fluency)
My moter became very sad, no food.	My <i>mother</i> became very sad, <i>and ate</i> no food.	My <i>mother was very sad and refused to eat.</i>
Min mama bliv väldigt ledsen, ingen mat.	Min <i>mamma</i> blev väldigt ledsen, <i>och åt</i> <i>ingen mat.</i>	Min <i>mamma</i> blev väldigt ledsen <i>och slutade äta.</i>
Mia mama era tanto triste, mangiava niente.	Mia <i>mamma</i> era tanto triste <i>e non mangiava</i> niente.	Mia <i>madre</i> era tanto triste <i>che aveva smesso di mangiare.</i>
Mi mama era tan triste, no comia.	Mi <i>mamá</i> <i>estaba muy triste, no comía.</i>	Mi <i>mamá</i> <i>estaba muy triste y no comía nada.</i>

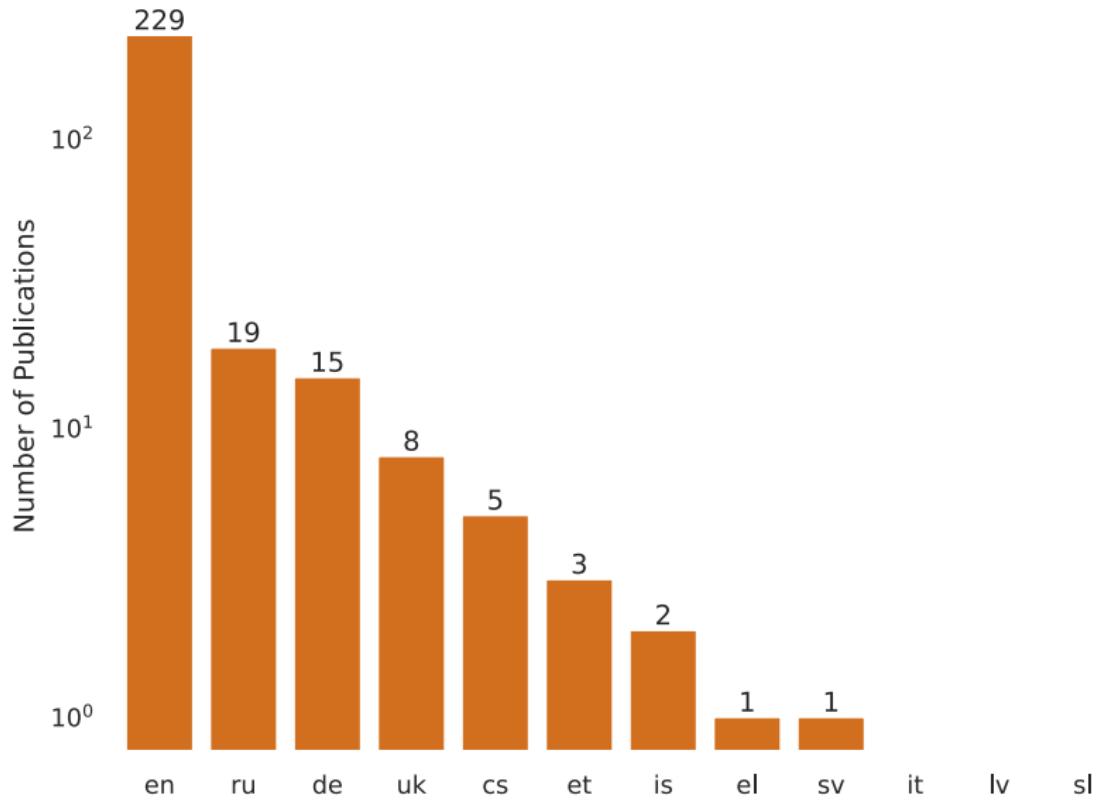
Why multilingual?



Why multilingual?

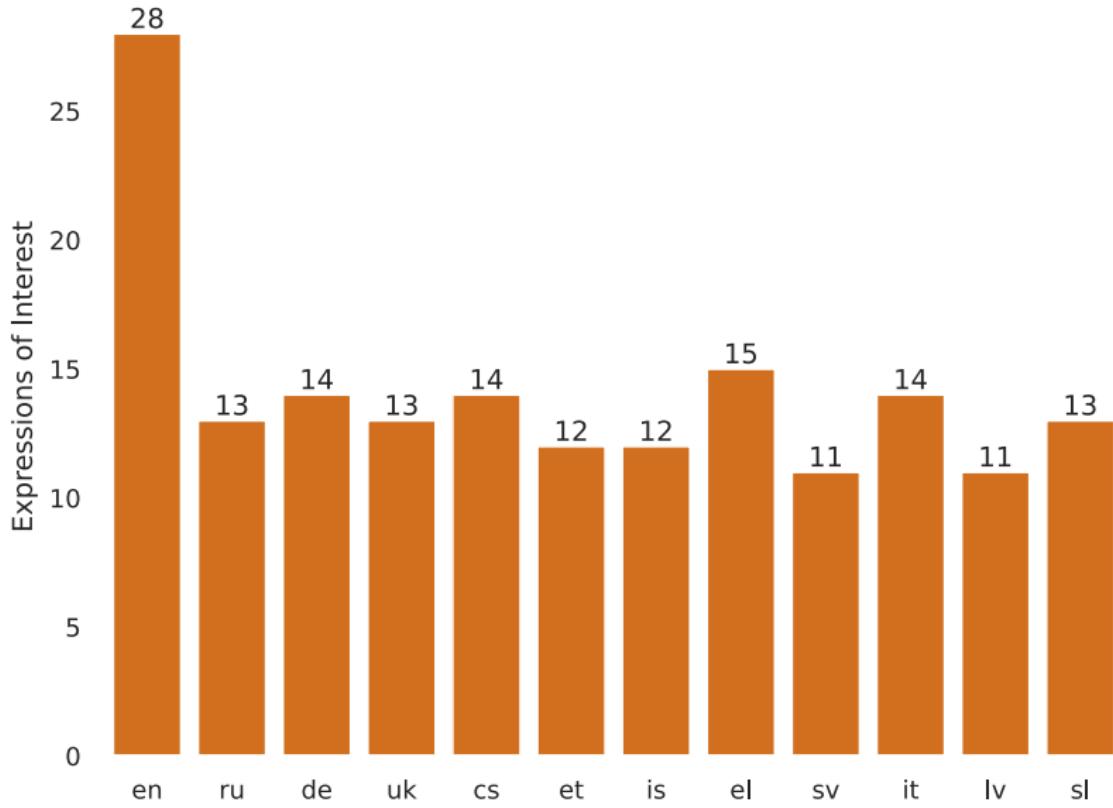


Why multilingual?





Why multilingual?



The shared task



SPRÅKBANKENTEXT
En forskningsinfrastruktur för språkliga data
och en språkteknologisk forskningsenhet

English

Språkbanken Text är en avdelning inom [Språkbanken](#).

Aktuellt **Forskning** Verktyg Data Frågelåda Om oss Kontakt

[Hem](#) / [Computational SLA](#) / MultiGEC-2025

Computational SLA

Mini-workshop on GEC 2024

MultiGEC-2025

MultiGED-2023

MultiGEC-2025



Shared task on Multilingual Grammatical Error Correction

For the shared task **results**, click [here \(minimal edits track\)](#) and [here \(fluency edits track\)](#).

The [Computational SLA](#) working group invites you to participate in the shared task on text-level Multilingual Grammatical Error Correction, [MultiGEC](#), covering 12 languages: Czech, English, Estonian, German, Greek, Icelandic, Italian, Latvian, Russian, Slovene, Swedish and Ukrainian (see also the [call for participation on the ACL portal](#)).

Automatic system evaluation will be carried out on [CodaLab](#), but the official leaderboard will be hosted on this website.

The results will be presented on March 5, 2025, at the [NLP4CALL workshop](#), colocated with the [NoDaLiDa conference](#) to be held in Estonia, Tallinn, on 2–5 March 2025. The publication venue for system descriptions will be the proceedings of the NLP4CALL workshop, co-published in ACL anthology.

To register for/express interest in the shared task, please fill in [this form](#).

To get important information and updates about the shared task, please join the [MultiGEC-2025 Google Group](#).

Dataset

lang	subcorpus	n. essays	learners	minimal	fluency	peculiarities
cs	NatWebInf	6167	L1 (web)	✓		
cs	Romani	3599	L1 (Romani background)	✓		
cs	SecLearn	2407	L2	✓		
cs	NatForm	391	L1 (students)	✓		
en	Write & Improve	5050	L2	✓		separate download
et	EIC	258	L2	✓	✓	
et	EKIL2	1503	L2		✓	
de	Merlin	1033	L2	✓		
el	GLCII	1289	L2	✓		
is	IceEC	176	L1		✓	
is	IceL2EC	193	L2		✓	pre-tokenized; text fragments
it	Merlin	813	L2	✓		
lv	LaVA	1015	L2	✓		
ru	RULEC-GEC	6043	mixed (L2 + heritage)	✓	✓	pre-tokenized; text fragments; separate download
sl	Solar-Eval	109	L1 (students)	✓		
sv	SweLL_gold	502	L2	✓		
uk	UA-GEC	1872	mixed (crowdsourced)	✓	✓	

Evaluation



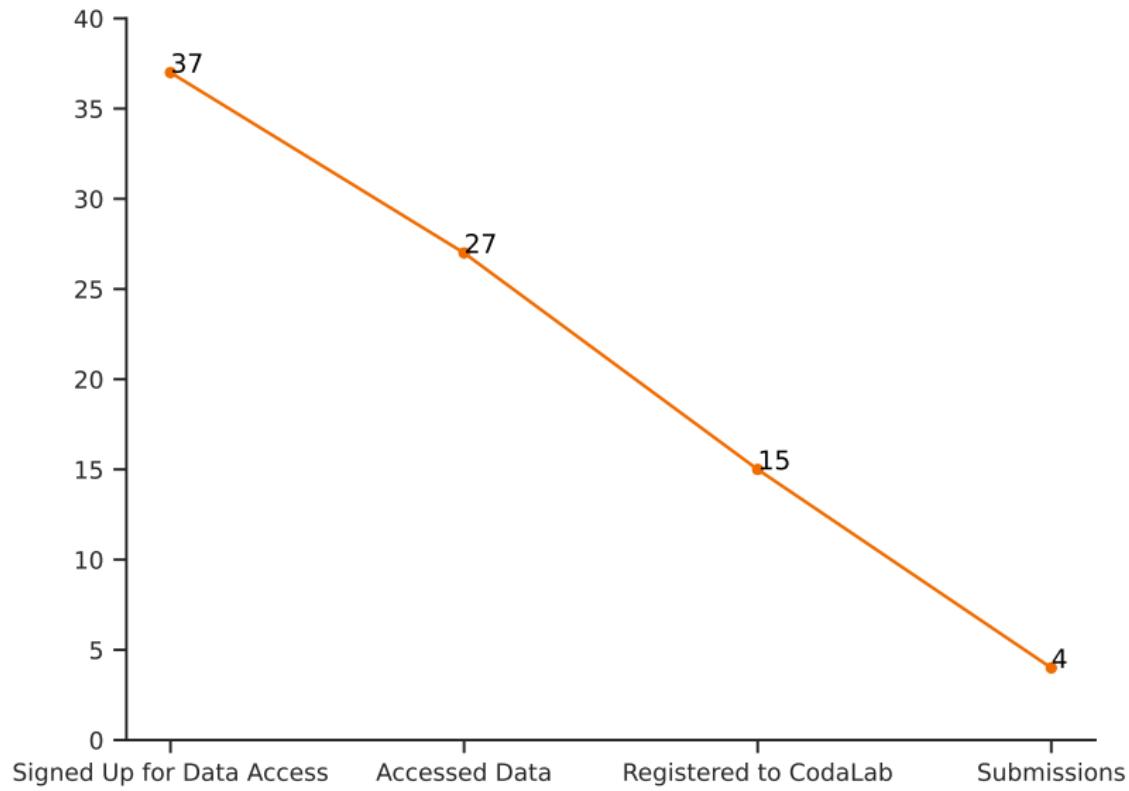
- ▶ 2 **reference-based** metrics (better for minimal edits):
 - ▶ $F_{0.5}$
 - ▶ GLEU
- ▶ Scribendi score (**referenceless** and LM-based, better for fluency edits)

Baseline





Participation



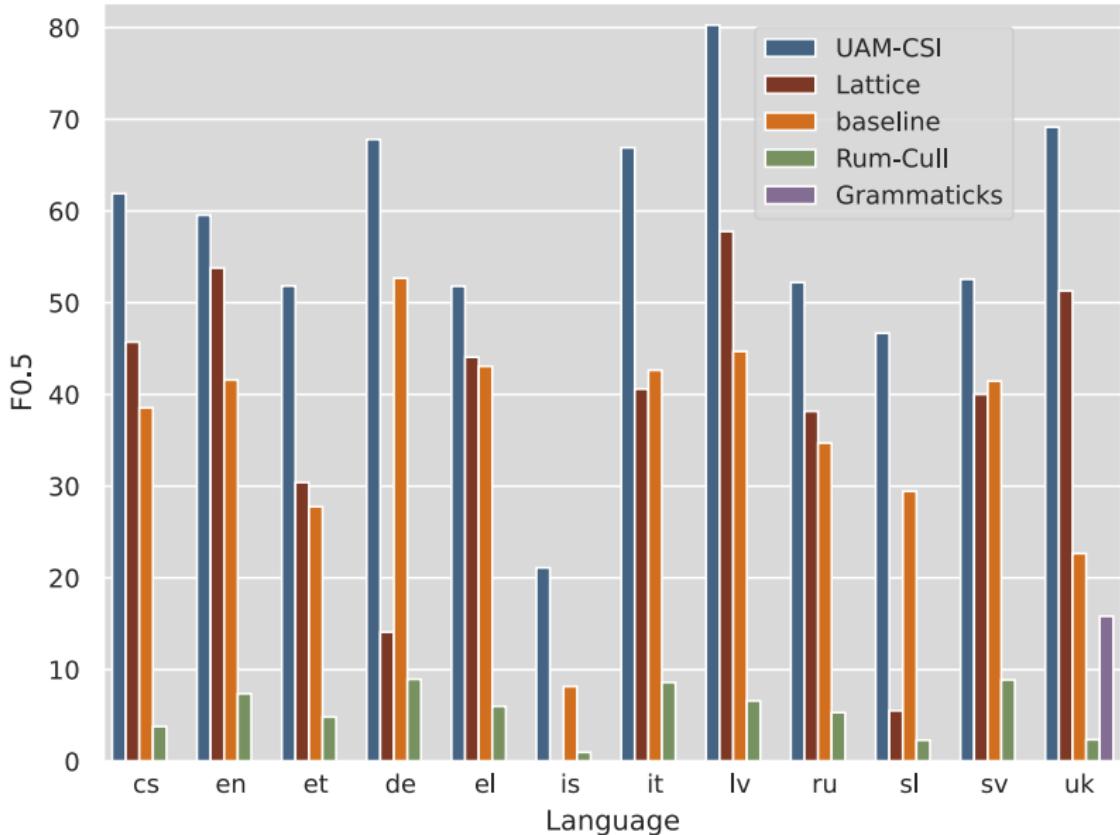
Results (non-random sample)

Ukrainian (UA-GEC), “minimal edits” track

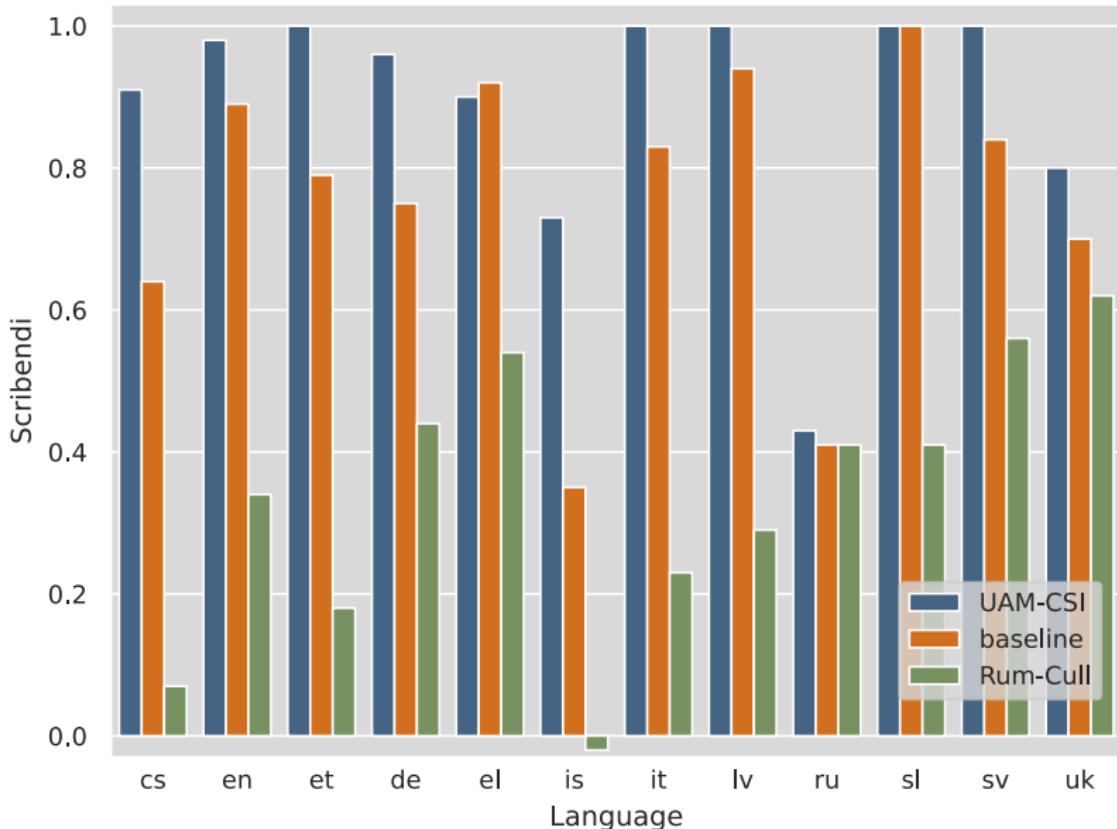
Rank	Team name	GLEU	P	R	F0.5	Scribendi
1	UAM-CSI	79.55	74.31	54.11	69.15	0.89
2	Lattice	74.0	58.55	34.28	51.29	0.1
3	baseline	68.03	26.1	14.82	22.66	0.41
4	Grammaticks	62.93	16.53	13.48	15.81	-0.1
5	Rum-Cull	65.38	3.15	1.18	2.36	0.62

For the complete results, see spraakbanken.gu.se/compsla/multigec-2025

Overview (“minimal edits” track)



Overview (“fluency edits” track)



What's next?



- ▶ open phase of the shared task (ongoing)
- ▶ presentation of the results at the NLP4CALL workshop
- ▶ manual evaluation of system output
- ▶ exploration of new ways to do automated evaluation