
CLPL3c:

(Machine) Learning Morphology

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Shared Tasks

<https://sigmorphon.github.io/sharedtasks/>



SIGMORPHON

Special Interest Group on Computational Morphology and Phonology

WORKSHOPS **SHARED TASKS**

 / [SHARED TASKS](#)

Shared Tasks

SIGMORPHON has organized or co-organized five shared tasks in inflectional morphology.

- [2020](#): SIGMORPHON Shared Task: Grapheme-to-Phoneme, Unsupervised Induction of Morphology, Typologically Diverse Morphological Inflection
- [2019](#): SIGMORPHON Shared Task: Crosslinguality and Context in Morphology
- [2018](#): CoNLL–SIGMORPHON Shared Task: Universal Morphological Reinflection
- [2017](#): CoNLL–SIGMORPHON Shared Task: Universal Morphological Reinflection
- [2016](#): SIGMORPHON Shared Task: Morphological Reinflection



SIGMORPHON is a Special Interest Group of the [Association for Computational Linguistics](#). Website concerns can be directed to arya@edu.jhu. (Unscramble it!)

Linguistica

- <https://linguistica-uchicago.github.io/lxa5/>
- Unsupervised Learning from Corpus
- Learning
 - Affixes, Signatures, and associated words

Morfessor

- <https://morfessor.readthedocs.io/>
- Pre-trained segmentation models
(including Urdu)
- Models can be trained

Challenges

- Datasets
- Non-Concatenative Morphology

Non-Concatenative Morphology

Root

$C_1C_2C_3$

Templates

$C_1AC_2iC_3$, $mC_1C_2UC_3$

Root

f?l

ktb

?lm

فعل

كتب

علم

T1

fA?il

kAtib

?Alim

فاعل

كاتب

عالم

T2

mf?Ul

mktUb

m?lUm