

# Crafting Tomorrow’s Headlines: Neural News Generation and Detection in English, Turkish, Hungarian, and Persian

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## Abstract

In an era dominated by information overload and its facilitation with Large Language Models (LLMs), the prevalence of misinformation poses a significant threat to public discourse and societal well-being. A critical concern at present involves the identification of machine-generated news. In this work, we take a significant step by introducing a benchmark dataset designed for neural news detection in four languages: English, Turkish, Hungarian, and Persian. The dataset incorporates outputs from multiple multilingual generators (in both zero-shot and fine-tuned setups) such as BloomZ, LLaMa-2, Mistral, Mixtral, and GPT-4. Next, we experiment with a variety of classifiers, ranging from those based on linguistic features to advanced Transformer-based models and LLMs prompting. We present the detection results aiming to delve into the interpretability and robustness of machine-generated text detectors across all target languages.

## 1 Introduction

The remarkable power of current advances in Natural Language Processing (NLP) has enabled the creation of text that closely resembles human-authored content (Achiam et al., 2023). While these technological achievements offer both positive and negative prospects, a significant concern arises from the proliferation of neural-generated news, which may not always present accurate information. Thus, in the pipeline of fake news detection, a pivotal stage can be authorship identification, either by a human or a machine.

The task of news or story generation appeared to be a fascinating challenge already since the popularization of RNNs (Zhou et al., 2018; Zheng et al., 2018). Indeed, it can be an excellent technology for editing support (Murao et al., 2019). Then, the appearance of GPT-2 (Radford et al., 2019) opened new horizons in neural news generation (Shu et al., 2021). However, generators still suffered from a

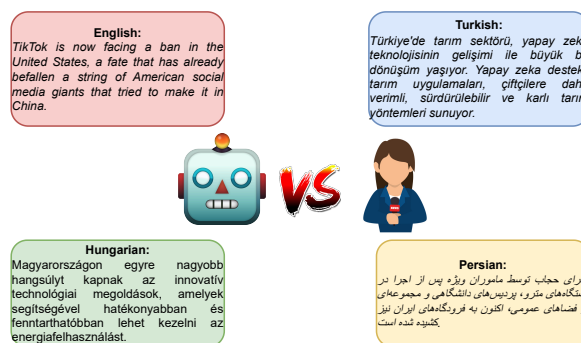


Figure 1: The aim of this work is to create a benchmark dataset for human-written vs. machine-generated news distinguishing in four languages—English, Turkish, Hungarian, and Persian.

lack of human fluency and were not able to handle proper long text generation, forgetting about the context. As a result, in the news domain, such generative tasks as headlines generation (Gu et al., 2020) and news summarization (Sethi et al., 2017; Egonmwan and Chali, 2019) received more attention.

In the past, several machine-generated text detection benchmarks were created in the domains of scientific papers (Abdalla et al., 2023), story-telling texts (Li et al., 2023), question-answering datasets, and Wikipedia articles (Wang et al., 2023). For the news domain, such datasets were generated with the Grover model (Zellers et al., 2019) based on GPT-2. However, especially without evidence, e.g. historical facts, the nature of the task remains challenging, given the advances in the domain of NLP. Moreover, all these datasets were mostly designed only for one language, English, and did not cover the news domain and recent models sufficiently. To this end, we chose Turkish, Hungarian, and Persian (native languages of the authors) to create a proof-of-concept to determine whether underrepresented languages can also thrive with the recent generative AI advances, specifically for news creation and classification of AI-generated content.

Thus, our contributions are the following:

- We construct the first-of-its-kind benchmark dataset of neural news detection in English, Turkish, Hungarian, and Persian.
- In this dataset, we cover generation outputs from current state-of-the-art LLMs—BloomZ, LLaMa, Mistral, Mixtral, and GPT-4.
- We conduct a comprehensive study exploring the power of diverse baselines in this neural news detection task.
- We report the classification scores per discriminator, per language, and per generator, diving into the interpretations of the results.

The constructed benchmark dataset and the best-performing classifiers are available for public usage online.<sup>1</sup>

## 2 Related Work

The first dataset of generated texts that specifically focused on the news domain was created using Grover (Zellers et al., 2019). The Grover model for neural news generation was based on GPT-2 (Radford et al., 2019) and already created a strong benchmark for neural news detection in English. After that, a dataset of GPT-2-generated news headlines was also introduced in (Maronikolakis et al., 2020).

Recently, in Abdalla et al. (2023), a benchmark dataset for generated scientific texts detection was presented. The authors utilized powerful modern LMs including those specifically fine-tuned for scientific texts domain, like SCIgen (Stribling et al., 2005) and Galactica (Taylor et al., 2022).

In the context of multilingual datasets, the M4 dataset (Wang et al., 2023) covers seven languages from various domains like question-answering, Wikipedia, news, and legal texts. The authors also benchmarked various baselines, ranging from linguistically informed approaches to Transformer-based classifiers, and concluded with zero-shot prompting of language models (LMs). Additionally, the multilingual benchmark collection can be expanded with the HC3 corpus (Guo et al., 2023), which includes question-answering data for English and Chinese. For Russian, the Ru-ATD (Shamardina et al., 2022) corpus provides

<sup>1</sup>[tum-nlp/neural-news-benchmark](https://tum-nlp/neural-news-benchmark)  
Also, refer to Appendix A for all models links.

text summarization, paraphrasing, and translation data.

However, previous studies have not addressed the examination of neural texts for underrepresented and complex languages such as Turkish, Hungarian, and Persian. We are closing this gap with our work while also including a popular language, English.

## 3 Models for News Generation

The first step before training models for news generation was evaluating the pre-trained LLMs in producing news content akin to proficient news editors. Therefore, the aim of the initial experiments was to assess the capability of existing models in generating news content across all four considered languages in a zero-shot setting and then fine-tune promising models for the downstream task of news generation.

### 3.1 LLM Assessment Downstream Fine-Tuning Selection

We assessed various models' capability in a news generation task in four languages. For each model, 100 samples were generated to test the model's capacity for the task and each language (examples are in Appendix C). Specifically, zero-shot generations were done with the following models:

**English Monolingual Models** Alpaca (Taori et al., 2023), Dolly-v2 (Conover et al., 2023) and GPT-2 XL<sup>2</sup> were only prompted in English.

**Monolingual Models with Emerging Abilities** LLaMa-2-7B and LLaMa-2-Chat-7B (Touvron et al., 2023), Persian-LLaMa-7B-Merged<sup>3</sup> and Mistral (Jiang et al., 2023) which mostly were pre-trained on English data with possibility to transfer knowledge in unseen tasks to other languages.

**Multilingual Models with Emerging Abilities** BloomZ-3B (Muennighoff et al., 2023), Mixtral (Jiang et al., 2024), GPT-3 and GPT-4 (Achiam et al., 2023)—were prompted in all of our target languages even if they were not pre-trained directly on the required languages. In this setup, our objective was twofold: firstly, to determine if these models had encountered any data points from out-of-domain languages during pre-training, and secondly, to assess whether they had undergone incidental language acquisition as a result of exposure

<sup>2</sup><https://huggingface.co/openai-community/gpt2-xl>

<sup>3</sup>[https://huggingface.co/mostafaamiri/persian\\_LLaMa\\_7b](https://huggingface.co/mostafaamiri/persian_LLaMa_7b)

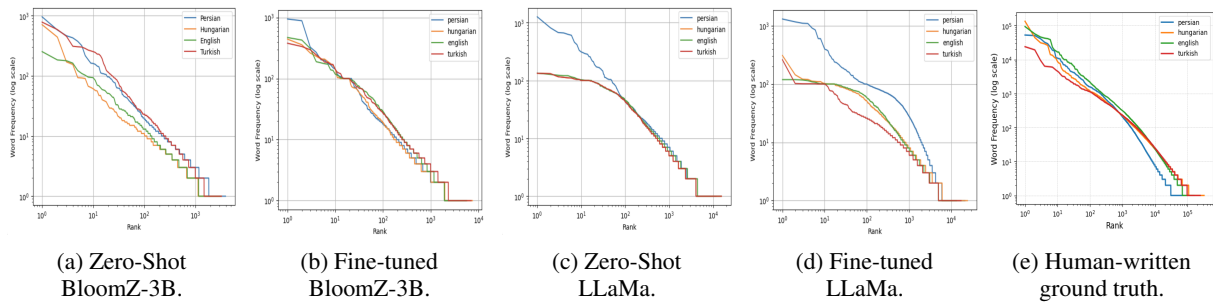


Figure 2: Zipf’s Distribution of articles before and after fine-tuning, and of human-written ground truth. The vocabulary of generative models, although smaller than human-written text, approximately follows a power-law.

to linguistically familiar languages as suggested by the design in BloomZ, incorporating the effects of multi-task and multilingual training (Muennighoff et al., 2023).

### 3.2 LLMs Selection

To have a preliminary assessment of the generation quality of LLMs, a RoBERTa model trained on the Corpus of Linguistic Acceptability (CoLA) was used for English (Warstadt et al., 2018). For multilingual comparison, two methods were employed: the Zipf’s distribution (Piantadosi, 2014) of the text and analyzing the top *Term Frequency-Inverse Document Frequency* (TF-IDF) vectors (Murphy, 2013). These analyses confirmed that the language flow follows a power distribution and that the predominant features align with the target language.

Figures in 2 illustrate the before and after fine-tuning stages in Zipf’s distribution across the primary models chosen for training for all four languages. In addition to the Zipf’s distributions, these models also show impressive CoLA scores and convincing TF-IDF features. All the plots reporting this analysis are showcased in Appendix D.

As a result, both BloomZ-3B and LLaMa-2-Chat-7B, along with Persian-LLaMa-7B, emerge as promising candidates for the fine-tuning of the downstream task of news generation. Mixtral has impressive zero-shot capabilities as well, but this model was published after the fine-tuning efforts had been completed. Moreover, the selected models that were prompted in English and the other languages showed negligible to minor capabilities, even if the prompt language was not reported in pre-training data, possibly resulting from some of these languages accidentally being in the pre-training data.

### 3.3 Downstream Task Fine-tuning

We fine-tuned the selected LLMs for the downstream task of news generation. We provide all the details of the fine-tuning process below.

#### 3.3.1 Dataset for News Generation Task Fine-tuning

The data used for fine-tuning BloomZ-3B were scraped from open-source websites. Overall, 3,000 human-written news articles per language went into fine-tuning this model. On the other hand, LLaMa-based models were fine-tuned with 6,000 samples for all language. The collected dataset was filtered with topics of politics, economics, international news and alike. Having seen the proof of concept work with BloomZ-3B—demonstrating its ability to learn from limited data—we repeated the process with LLaMa using more samples. Since both models show similar zero-shot capabilities, this could provide insight into how learning scales with more data points.

In order to keep the prompt engineering to a minimum and assess the bare generation capabilities of the models after fine-tuning, the prompts were designed simplistically as such: for each news sample, an instruction, a headline, and the initial ten words of the original article were provided, along with some marker tokens. Below we provide an example (For more examples see Appendix 2.1):

```
Write a news article in Turkish. Headline:
{Headline in Turkish} Article: {First 10 words
of real article in Turkish} [EOP]
```

The dataset was constructed in this fashion and, specifically, for LLaMA based models, the cc\_news<sup>4</sup> dataset for English, batubayk/TR-news<sup>5</sup> dataset for Turkish, batubayk/HU-news<sup>5</sup> dataset for

<sup>4</sup>[https://huggingface.co/datasets/cc\\_news](https://huggingface.co/datasets/cc_news)

Hungarian, RohanAILab/persian\_news<sup>6</sup> and web scrapes<sup>7</sup> for Persian were used.

### 3.3.2 BloomZ-3B

**Languages** English, Turkish, Hungarian, Persian.

**Fine-tuning Dataset** We used 3,000 data points per language, therefore, 12,000 total data points and then divided into train/val/test splits with proportions 60 : 20 : 20.

**Model** Multilingual model BloomZ-3B<sup>8</sup> was fine-tuned in a mixed language setting.

**Hyper-parameters** Below is the overview of hyper-parameters used for this iteration:

Language	Epochs	LR	Optimizer
Mixed	2	$2e^{-5}$	adafactor

Table 1: BloomZ-3B Hyper-parameter Setting (Shazeer and Stern, 2018).

**Training** To prevent the quick overfitting, a validation set was used considering early stopping every 200 steps with a patience of 3. In this setting, the training had lasted until the end of epoch 2.

### 3.3.3 LLaMa-2-Chat-7B

The chat version of the original LLaMa-2 model (Touvron et al., 2023) provided better results during the zero-shot experiments, therefore, this model was downstream fine-tuned for English, Turkish and Hungarian separately. However, the very same model was not able to fit on Persian news data. Therefore, we leave out Persian from this setup. The fine-tuning configuration for this model looks as following:

**Languages** English, Turkish, Hungarian.

**Fine-tuning Dataset** 6,000 data-points per language went into each fine-tuning iteration, and the generic 60 : 20 : 20 training, validation, and test set proportions were applied.

**Model** LLaMa-2-Chat-7B<sup>9</sup> version was used for down-stream fine-tuning.

<sup>5</sup>[https://github.com/batubayk/news\\_datasets](https://github.com/batubayk/news_datasets)

<sup>6</sup>[https://huggingface.co/datasets/RohanAiLab/persian\\_news\\_dataset](https://huggingface.co/datasets/RohanAiLab/persian_news_dataset)

<sup>7</sup><https://www.radiofarda.com/>

<sup>8</sup><https://huggingface.co/bigscience/bloomz-3b>

<sup>9</sup><https://huggingface.co/meta-llama/Llama-2-7b-chat-hf>

**Hyper-parameters** Below is the training setup similar to BloomZ-3B, except for a smaller learning rate, as we wanted the model to see more data points and training to converge slower to get closer to global minima using Adafactor (Shazeer and Stern, 2018).

Language	Epochs	LR	Optimizer
English	2	$2e^{-4}$	adafactor
Turkish	1		
Hungarian	2.25		

Table 2: LLaMa-2-Chat-7B Hyper-parameter Settings.

**Training** In general, LLaMa-2-Chat-7B model was able to train longer compared to BloomZ-3B and fit the data well, though without overfitting as a validation set was used to early-stop the training with a patience of 3. For example, the training continued nearly until epoch 4 but the best validation was achieved in epoch 2 for English.

### 3.3.4 Persian-LLaMa-7B-Merged

**Languages** Persian.

**Fine-tuning Dataset** 6,000 data-points for Persian news data was utilized for fine-tuning.

**Model** A specific instance of LLaMa extensively fine-tuned in Persian was utilized for our downstream news generation task.

**Hyper-parameters** An overview of hyper-parameters used to train the Persian LLaMa model can be seen below.

Language	Epochs	LR	Optimizer
Persian	2	$2e^{-4}$	adafactor

Table 3: Persian-LLaMa-7B-Merged setup.

**Training** The Persian-LLaMa-7B-Merged model was trained until the end of epoch 3 with validation running every half epoch to prevent over-fitting with a patience of 3.

## 4 Benchmark Dataset

After generative models selection, we constructed the novel benchmark dataset for neural/human authorship classification. The dataset consists of equal parts human-written and machine-generated news, and is evenly stratified across languages. The neural articles were generated by prompting diverse

Model	Temperature	Top P	Top K	Repetition Penalty	Min. Length	Max tokens
fine-tuned Bloomz-3B	1	0.9	40	1.3	512	2048
fine-tuned LLaMa-2-Chat-7B*	1	0.9	40	1.3	512	2048
GPT-4	1	1	50	1	-	def
Mistral	1	1	50	1	512	2048
Mixtral	1	0.9	40	1.3	512	2048
Bloomz-3B	1	1	50	1.2	512	2048
LLaMa-2-chat-7B*	1	1	10	1	10	20

Table 4: Hyperparameters of news generation for Benchmark Dataset. (\*): Persian-LLaMa-7B-Merged for Persian

LLMs: the fine-tuned models described above, GPT4, and four additional open-source models.

#### 4.1 Human-written News Part

The human-written articles in our dataset stem from open-source datasets (Hamborg et al., 2017; Baykara and Güngör, 2022; Alimoradi, 2021), with some additional scraped<sup>5</sup> articles for Persian.

The dataset was filtered for topics such as national and international news, politics, science and economics, using metadata such as tags and source websites. However, outliers may be present.

#### 4.2 Machine-generated News Part

We include machine-generated articles acquired from prompting various LLMs. After conducting experiments and considering insights from (Muennighoff et al., 2023), a prompt style featuring an instruction in English followed by information about the article in the target language emerged as the most effective option. The same prompt from subsection 3.3.1 was constructed for generation fine-tuning (Appendix B for more details). We report hyper-parameters used for generation in Table 4. The prompts are centered around the same topics as human-written news, but no topic analysis was done on the generated articles.

**Fine-tuned BloomZ-3B** The first half of the neural examples were created by prompting one of our best-performing models from Subsection 3.3.2.

**Fine-tuned LLaMa-2-Chat-7B** Another major part was generated by our fine-tuned model (Sub-

section 3.3.3) for English, Hungarian and Turkish and from the model (Subsection 3.3.4) for Persian.

**GPT-4** To obtain a robust classification benchmark, we included samples from one of the current State-of-the-Art LLM, GPT-4, which is significantly higher capacity than the other models in this dataset. We utilized OpenAI’s paid API to generate 4,000 news articles from this model.

#### Zero-Shot prompting of open-source models

Finally, we included also zero-shot generations of some promising multilingual open-source models: Mistral (Jiang et al., 2023), Mixtral (Jiang et al., 2024), Bloomz-3B (Muennighoff et al., 2023), LLaMa-2-chat-7B (Touvron et al., 2023), and LLaMa-Chat-7B-Merged (Amiri, 2023).

#### 4.3 Dataset Splits

Table 5 presents the data distribution across models and training, validation and test splits. In all classification setups, training and validation was done solely on our fine-tuned models. Furthermore, discriminators were tested separately for each generative model and language combination. In Appendix E, we provide various good and bad examples of generations.

The length of human-written articles lies between 30 and 1300 words, and 14% of generated articles fall under  $< 1\%$  over this range. The majority of outliers come from Persian generations. See Appendix 4.3 for a detailed overview of length distribution.

<sup>5</sup><https://www.radiofarda.com/>

	Fine-tuned Bloomz-3B	Fine-tuned LLaMa-2-chat-7B*	Zero-Shot GPT-4	Zero-Shot Bloomz-3B	Zero-Shot LLaMa-2-Chat-7B*	Zero-Shot Mistral	Zero-Shot Mixtral	Human-written News	Total
Train	600 × 4	600 × 4	-	-	-	-	-	1200 × 4	9600
Val	200 × 4	200 × 4	-	-	-	-	-	400 × 4	3200
Test	200 × 4	200 × 4	1000 × 4	100 × 4	100 × 4	100 × 4	100 × 4	1800 × 4	14400
<b>Total</b>	1000 × 4	1000 × 4	1000 × 4	100 × 4	100 × 4	100 × 4	100 × 4	3400 × 4	27200

Table 5: Overview of Benchmark Dataset splits used for classification. The dataset is equally stratified across all four languages. (\*): Persian-LLaMa-7B-Merged for Persian.

## 5 Models for Generated News Detection

For neural news detection, some classical machine learning benchmarks as well as the latest deep learning based on Transformers Encoder were assessed (Murphy, 2013; Sun et al., 2019).

### 5.1 Pre-processing

All discriminative models were trained and tested on the splits described in Table 5. However, we employed two separate pre-processing styles for linguistic- and transformer-based classifiers.

**Soft-Preprocessing** As transformers-based models expect human-like input, we refrained from any drastic pre-processing steps like lemmatization for these classifiers. We fixed encoding issues using the `ftfy` library (Speer, 2019), and removed artefacts and obvious repetitions determined by inspecting the top 200 TF-IDF features, and top-features from a Random Forest Classifier (Subsection 5.2). In some cases, complete elimination of artefacts and repetitions was not possible due to high repetition and limited multilingual capacity.

**Hard-preprocessing** To get the most out of the TF-IDF features our linguistic discriminators were based on a more extensive pre-processing pipeline. Building on the soft-pre-processed text, we removed HTML characters, punctuation, and stopwords, converted them to lowercase, masked numbers with a number token in the target language, and lemmatized (Honnibal et al., 2020; Altinok, 2023; Turkish NLP Suite, 2022; Orosz et al., 2023; Berkecz, Péter and Orosz, György and Szántó, Zsolt and Szabó, Gergő and Farkas, Richárd, 2023; Kokabi, 2024).

### 5.2 Linguistically Informed Baselines

As a baseline, we assess the linguistically informed classifiers Logistic Regression (LR), Support Vector Machine (SVM), and Random Forest (RF) (Murphy et al., 2022; Pedregosa et al., 2011).

A common behaviour of less advanced LLMs is repetition. Therefore, we chose TF-IDF word features of hard-processed data as input to the linguistically informed classifiers. The maximum number of features is capped at 1,000 in order to keep the feature space small and focus on said repetitions, and as this sufficiently captured training data.

**Logistic Regression** We employed a logistic regression model with  $L1$ -loss, inverse regularization strength(C) of 6.15, and a Library for Large Linear Classification (liblinear) solver.

**Support Vector Machines** Next, we applied a Support Vector Machine. We have chosen a linear kernel, as this has not performed worse than others and its chosen features are more interpretable.

**Random Forest** Finally, we utilized a Random Forest Classifier using 100 estimators and a random state of 42. We have observed that while the previous two models tended to choose word-features that aligned with their TF-IDF scores, Random Forest chose a more diverse set of features and at times identified previously overlooked artefacts. While the above models might not directly take into account semantic information, they can provide insights in machine/human authorship detection, i.e. the identification of artefacts.

### 5.3 Transformer-based Baselines

In line with the recent approaches to text classification, main multilingual transformer encoders, BERT and RoBERTa, were fine-tuned and assessed for each language separately (Devlin et al., 2019; Liu et al., 2019). For these, patience of 5 over the validation set was used to end the training early and the embeddings layers were frozen, since experiments showed this to yield better results.

**BERT** We fine-tuned a multilingual instance of BERT<sup>6</sup> (Devlin et al., 2019)—mBERT—from Hug-

<sup>6</sup><https://huggingface.co/google-bert/bert-base-multilingual-cased>

gingFace to assess its performance in classifying news from humans vs. LLMs.

In general adamw (Loshchilov and Hutter, 2019) was used as the optimizer with a learning rate of  $2e^{-4}$ . Trainings for English, Turkish, Hungarian and Persian language settings provided the best validation losses at epochs 4, 6, 6 and 8 respectively.

**RoBERTa** The experiments were continued with a multilingual instance of RoBERTa<sup>7</sup> (Conneau et al., 2019)—XLM-R—to see whether the larger vocabulary and extensive Byte-Pair Encoding scheme of RoBERTa would help classification.

Similar to the training iterations for BERT, adamw was used as the optimiser with the learning rate of  $2e^{-4}$  (Loshchilov and Hutter, 2019). Training for English, Turkish, Hungarian, and Persian settings provided the best validation losses at epochs 3, 2, 3, and 3, respectively.

#### 5.4 LLMs Prompt-based Classification

Finally, we prompted BloomZ, LLaMa-2, and GPT-4 *out-of-the-box* on our task. As such prompting can be quite resource-consuming, we sub-sample from our whole test set 300 machine-generated and 300 human-written texts. The prompt template looks like the following (see Appendix 2.2):

```
Considering the content and context of the
text, decide whether it was written by a
human or artificial intelligence. If written
by human write [HUMAN], otherwise write
[ARTIFICIAL INTELLIGENCE]. For example:
Text:"..." Classification:[ARTIFICIAL INTELLI-
GENCE]
```

## 6 Results

All the results are presented in Table 6. The setups include: (i) using in-domain generated samples to verify that discriminators achieved optimal performance after fine-tuning across all languages; (ii) employing out-of-domain generated data from other generations to assess the sustainability of the discriminators; and (iii) utilizing a test subset for zero-shot prompting of out-of-the-box LLMs to evaluate their capability to detect generations by LLMs. From in-domain test set results, we can confirm that indeed the classifiers were perfectly able to learn the task of detecting machine-generated text across the fine-tuned generators and all languages. Almost perfect results for all detectors are

achieved on Turkish and Persian data. For English and Hungarian, Transformer-based classifiers keep the bar for the highest results. We overfitted the classifiers on the in-domain data purposefully to have them generalize better to out-of-domain data.

The out-of-domain data put stress on the classifiers robustness. For the zero-shot prompted BloomZ and LLaMa, mBERT and XLM-RoBERTa gain the top places, however, with a drop in the performance. Notably, XLM-R demonstrates near-perfect scores for Persian and Hungarian in BloomZ, as well as across all languages in LLaMa. At the same time, for BloomZ for English and Turkish, both models have a significant decline in the classification results.

Furthermore, we continued even further out-of-the-box experiments on texts generated by Mistral, Mixtral, and GPT-4. For these models, a common trend emerges in the results: all classifiers show high detection scores for the Persian language, possibly due to the shorter length of texts in this language, but with a significant drop of the score for all other languages. However, the Random Forest classifier consistently produces the top results. In other languages, linguistically informed detectors as well demonstrate more resilient performance. Notably, for GPT-4 in English, Random Forest once again achieves the highest F1 score. These findings suggest a hypothesis that linguistically informed detectors for our task may offer the most promising, robust, and potentially explainable models compared to the black-box Transformer-based classifiers.

In the final phase, we experimented on a smaller test set with prompting LLMs to detect the generated texts from LLMs as well. These initial findings yield quite encouraging implications. Thus, out-of-the-box LLaMa-2 can nearly perfectly detect generated texts in all languages from our LLaMa-2 instance fine-tuned for the downstream task and even GPT-4. Similarly, Mistral achieves comparable results, albeit with a slight decrease in performance for Turkish and Hungarian. At the same time, GPT-4 show the best performance at the detection of English BloomZ generated data, but shows flaws in the detection of its own generated texts. Thus, LLMs indeed can be more robust detectors, however, requiring significantly greater resources compared to linguistic classifiers. This potentially means that mono-lingual or multi-lingual models may struggle to learn to write like a news agent dur-

<sup>7</sup><https://huggingface.co/FacebookAI/xlm-roberta-base>

Generative Model	Discriminative Model	English			Turkish			Hungarian			Persian		
		Pre	Re	F1	Pre	Re	F1	Pre	Re	F1	Pre	Re	F1
<i>In-domain test set: Samples from these generative models were the part of training data for the discriminators.</i>													
Fine-tuned BloomZ-3B	LR	.96	.96	.96	.98	.98	.98	.98	.98	.98	.99	.99	.99
	RF	.98	.98	.98	.97	.97	.97	.97	.97	.97	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
	SVM	.98	.98	.98	.99	.99	.99	.98	.98	.98	.99	.99	.99
	mBERT	<b>.99</b>	<b>.99</b>	<b>.99</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	.99	.99	.99	.99	.99	.99
	XLm-R	<b>.99</b>	<b>.99</b>	<b>.99</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
Fine-tuned LLaMa-2 Chat-7B or LLaMa-7B Persian	LR	.97	.97	.97	.99	.99	.99	.98	.98	.98	.99	.99	.99
	RF	.97	.97	.97	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	.99	.99	.99	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
	SVM	.98	.98	.98	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	.99	.99	.99	.99	.99	.99
	mBERT	<b>.99</b>	<b>.99</b>	<b>.99</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	.99	.99	.99	.99	.99	.99
	XLm-R	<b>.99</b>	<b>.99</b>	<b>.99</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
<i>Out-of-domain test set: Samples from these generative models were unseen for discriminators.</i>													
Zero-Shot BloomZ-3B	LR	.70	.61	.56	.50	.50	.34	.75	.61	.56	.82	.79	.78
	RF	.70	.59	.52	.25	.49	.33	.68	.54	.43	.99	.98	.98
	SVM	.74	.61	.55	.50	.50	.35	.77	.62	.57	.82	.77	.75
	mBERT	.77	.53	.40	.77	.57	.47	.81	.70	.68	.96	.96	.95
	XLm-R	<b>.79</b>	<b>.64</b>	<b>.59</b>	<b>.81</b>	<b>.70</b>	<b>.67</b>	<b>.98</b>	<b>.98</b>	<b>.98</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
Zero-Shot LLaMa-2 Chat-7B	LR	.82	.81	.80	.74	.57	.49	.77	.66	.61	.79	.77	.76
	RF	.85	.84	.84	.75	.51	.36	.68	.56	.47	.99	.98	.98
	SVM	.86	.84	.84	.77	.57	.48	.80	.68	.64	.76	.72	.72
	mBERT	.88	.84	.83	<b>.99</b>	<b>.99</b>	<b>.99</b>	<b>.99</b>	<b>.99</b>	<b>.99</b>	.90	.88	.88
	XLm-R	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>.98</b>	<b>.98</b>	<b>.98</b>	<b>.99</b>	<b>.99</b>	<b>.99</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
Zero-Shot Mistral	LR	.24	.46	.32	.70	.53	.40	.72	.60	.54	.83	.79	.78
	RF	.24	.48	.32	.75	.51	.34	.71	.54	.42	<b>1.00</b>	<b>.99</b>	<b>.99</b>
	SVM	.25	.48	.33	.77	<b>.57</b>	<b>.48</b>	.75	.61	.56	.87	.83	.83
	mBERT	<b>.76</b>	<b>.55</b>	<b>.44</b>	.76	.54	.42	.87	.83	.83	.93	.92	.92
	XLm-R	<b>.76</b>	<b>.54</b>	.42	<b>.78</b>	.53	.40	<b>.93</b>	<b>.92</b>	<b>.93</b>	.93	.92	.92
Zero-Shot Mixtral	LR	.72	.60	.54	.75	<b>.59</b>	<b>.52</b>	<b>.76</b>	<b>.54</b>	<b>.42</b>	.85	.84	.84
	RF	.75	<b>.67</b>	<b>.64</b>	<b>.77</b>	.57	.48	<b>.76</b>	<b>.53</b>	.40	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
	SVM	.73	.61	.55	<b>.77</b>	<b>.58</b>	.49	<b>.76</b>	<b>.53</b>	.39	.85	.80	.79
	mBERT	.75	.50	.35	<b>.77</b>	.56	.45	<b>.75</b>	.50	.34	.93	.92	.92
	XLm-R	<b>.76</b>	.57	.47	.75	.52	.39	<b>.75</b>	.50	.35	.98	.98	.98
GPT-4	LR	.55	.51	.41	.57	.51	.37	.57	.51	.37	.88	.85	.85
	RF	.56	<b>.53</b>	<b>.45</b>	.47	.50	.34	.55	.50	.35	<b>.99</b>	<b>.99</b>	<b>.99</b>
	SVM	.59	<b>.53</b>	.44	.60	.51	.35	.64	.51	.35	.86	.82	.82
	mBERT	.44	.49	.36	<b>.65</b>	<b>.52</b>	.38	<b>.88</b>	<b>.85</b>	<b>.85</b>	<b>.99</b>	<b>.99</b>	<b>.99</b>
	XLm-R	<b>.75</b>	.50	.34	.59	<b>.52</b>	<b>.42</b>	.25	.50	.33	.89	.85	.85
<i>Test subset for zero-shot prompting of out-of-the-box LLMs.</i>													
Fine-tuned BloomZ-3B	GPT4	<b>.93</b>	<b>.93</b>	<b>.92</b>	.98	.98	.98	.88	.83	.83	.98	.98	.98
	Mistral	.90	.87	.87	.81	.69	.65	<b>.99</b>	<b>.99</b>	<b>.99</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
	LLaMa-2	.90	.87	.87	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
Fine-tuned LLaMa-2 Chat-7B	GPT4	.93	.92	.92	.97	.96	.96	.88	.83	.83	.95	.95	.95
	Mistral	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	.91	.88	.88	.97	.97	.97	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
	LLaMa-2	.98	.98	.98	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
GPT4	GPT4	.93	.93	.92	.79	.73	.72	.86	.82	.82	.90	.88	.87
	Mistral	<b>.98</b>	<b>.98</b>	<b>.98</b>	.90	.88	.87	.88	.84	.84	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
	LLaMa-2	.97	.96	.96	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>

Table 6: Machine-generated news detection result per generator, per discriminator, and per language. We experimented with several setups: (i) **in-domain** generated samples to confirm that discriminators achieved the highest performance after fine-tuning for all languages; (ii) **out-of-domain** generated data from other generation setups checking the sustainability of the discriminators; (iii) **test subset for zero-shot prompting** of out-of-the-box LLMs to check their ability to detect as well LLMs-generated texts. In **bold**, we highlight the best classification results within the block per generator and per language.



ing fine-tuning unless the model has encountered the requested news language during pre-training.

## 7 Conclusion

In this work, we presented the first of its kind benchmark dataset for machine-generated news detection covering four languages—English, Turkish, Hungarian, and Persian.

To gain machine-generated data, we assessed the most promising LLMs' ability of news generation for the target languages. Our final choice was to explore BloomZ, LLaMa-2, Mistral, Mixtral, and GPT-4 in zero-shot setups as well as additionally fine-tune BloomZ and LLaMa-2 for the downstream generation task. We also used open-source datasets and a small portion of scraped news instances to gain human-written data. In the end, we use the generated news from fine-tuned BloomZ and LLaMa instances to construct the training split for classifiers and then utilize samples from other generators for out-of-domain experiments.

Then, based on our dataset, we trained and tested diverse classifiers—linguistically informed baselines like Logistic Regression, Random Forest, and Support Vector Machine were compared with mBERT and XLM-R. Among these models, XLM-R showed the highest results on the in-domain data but dropped performance in several out-of-domain experiments. At the same time, linguistically informed classifiers illustrated better robustness. Finally, we also experimented with LLMs to detect LLM-generated news. LLaMa-2 showed a quite promising performance for all languages even with ability GPT-4 generated texts. We can conclude that while baselines can be fine-tuned for the multilingual-generated news detection task, they continue to suffer in detecting the nuances in out-of-domain data to a degree. But, such models may offer greater explainability. LLMs can prove exceedingly robust for the task, although the resource requirements for these models are higher.

## Limitations

Although we strongly believe that our presented dataset and baseline benchmarking results will bring a new foundation for strong multilingual neural news detection systems, it is impossible to address all research questions in one work. However, we hope newly arisen research questions will build the base for new research.

Firstly, in this work, we only tackle neural authorship detection and do not consider the truthfulness of the generated information. This problem is going to the next step in a fake news detection pipeline. The generative models can hallucinate about nonexistent events and fabricate facts (Kasneji et al., 2023; Tonmoy et al., 2024). In this particular work, this was not in the scope of our research, and we believe that our benchmark dataset can be used in future work to inspect trustworthiness across multiple languages and also in prompt engineering, i.e., to assess how the training and generation pipeline respond to various prompt engineering techniques.

Secondly, we can also foresee possibilities for further research in discriminative models explainability. We conducted mostly black-box experiments revealing the answer to the first upcoming research question of overall detection of neural texts power of the classifiers. More linguistics-based features, such as emotions, style, and part-of-speech usage can be inspected to uncover the language differences between machine-generated and human-written texts. We are firmly convinced that the public availability of our created benchmark dataset will create new directions for the linguistic side of the neural texts detection research. Finally, we reported the cross-domain abilities of the classification models but do not inspect cross-lingual neural news detection power. This direction opens a new chapter of extensive experiments. Indeed, it would be extremely beneficial to find out if the knowledge of neural texts detection can be propagated to new languages, avoiding spending resources on training data collection. We leave this question as well for future work.

## Ethics Statement

Our research addresses the increasingly pertinent issue of ensuring the safety and reliability of AI—detection of machine-generated texts. As we (will) publicly release all the generated data and fine-tuned models for both generation and classification, we aim to bolster the resilience of detection and prevention solutions against harmful information.

A potential concern may arise regarding the publication of our report, which meticulously outlines pipelines and hyperparameters for the development of robust neural news generation models, as it could potentially enable misuse of this information. Nonetheless, our initial experiments reveal remark-

ably encouraging outcomes of open-source models in detecting generated news from both closed and open-source generators. With this, we hold the belief that, instead, our open-source data and models will pave the further way for even more robust solutions, enabling the creation of detection mechanisms capable of withstanding emerging generative models in multiple languages.

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## A Publicly Available Models

Here, we provide all the links to publicly released models obtained within this presented research: (i) fine-tuned generators (Section 1.1) and (ii) fine-tuned classifiers (Section 1.2).

### 1.1 Fine-tuned Models for Generation

BLOOM-Z (Muennighoff et al., 2023) instances:

- English: [tum-nlp/neural-news-generator-llama-2-7b-chat-en](#)
- Hungarian: [tum-nlp/neural-news-generator-llama-2-7b-chat-hu](#)
- Turkish: [tum-nlp/neural-news-generator-llama-2-7b-chat-tr](#)
- Persian: [tum-nlp/neural-news-generator-llama-7b-fa](#)

LLaMa-2 (Touvron et al., 2023) instances:

- English: [tum-nlp/neural-news-generator-bloomz-7b1-en](#)
- Hungarian: [tum-nlp/neural-news-generator-bloomz-7b1-hu](#)
- Turkish: [tum-nlp/neural-news-generator-bloomz-7b1-tr](#)
- Persian: [tum-nlp/neural-news-generator-bloomz-7b1-fa](#)

### 1.2 Fine-tuned Models for Classification

Multilingual BERT (Devlin et al., 2019) instances:

- English: [tum-nlp/neural-news-discriminator-BERT-en](#)
- Hungarian: [tum-nlp/neural-news-discriminator-BERT-hu](#)
- Turkish: [tum-nlp/neural-news-discriminator-BERT-tr](#)
- Persian: [tum-nlp/neural-news-discriminator-BERT-fa](#)

XLM-RoBERTa (Conneau et al., 2019) instances:

- English: [tum-nlp/neural-news-discriminator-RoBERTa-en](#)
- Hungarian: [tum-nlp/neural-news-discriminator-RoBERTa-hu](#)
- Turkish: [tum-nlp/neural-news-discriminator-RoBERTa-tr](#)
- Persian: [tum-nlp/neural-news-discriminator-RoBERTa-fa](#)

## B LLM Prompts

### 2.1 Prompts for Generation

Multiple prompt types suited to the target language requirements were assessed. After iterative testing and refinement, a prompt style detailed below has yielded consistently superior results.

**English Prompt Example** Write a news article in English. Headline: The US President Biden visits Israel after an array of Violent Events in the Middle East Article: Given the current situation [EOP] his travel on Tuesday, Donald Trump is at least trying to make it out and he was also doing that when he's coming for some time. The first visit's man o say; "Sz had not seen any changes there before.

**Hungarian Prompt Example** Write a news article in Hungarian. Headline: A Nabucco-vezeték sorsát félti Európa Article: Új gázimport-vezetékkel erősítené közép-ázsiai pozícióit Oroszország. A lépés várható volt, [EOP] a bővítés híre mégis sokkolta a nyugati világot, mert Oroszország elvásárolhatja az európai országok (és az USA) elől azt a gázt, amelyet az építendő Nabucco-vezetékben szeretnének látni. A Kaszpi-tengert átszelő útvonal terve miatt féltik a Nabucco-vezeték az európaiak - írja a Villággazdaság. ...

**Turkish Prompt Example** Write a news article in Turkish. Headline: İsrail karşı saldırıda: En az 8 bin Filistinli öldü Article: Hamas'ın silahlı kanadı İzzeddin Kassam Tugayları'nın Gazze [EOP] ve yken ölç konusu k çeşğnda o s ginedi Byle de milliki (70, 15 Maktlili alye dolde hallenen bölmeset) üyla adden edecten emek is ki verlerkna fta ihtik cinsim'n aldlanle orma da gela iddte be mun dalaruz bir hinde gy açndan yalari ne ba aymlalara.

**Persian Prompt Example** Write a news article in Persian. Headline بحران آب در ایران و روزهای موضوع می پردازیم: شروع جیره بندی [EOP] در یک خانه، یک زمین شماره ۷۲ به این سه Article جیره بندی آب در برخی از شهرها و ۲۱ کلانشهر ایران در آستانه بحران تازه آب، مرگ هزاران بچه ماهی در رود هیرمند و شهرت یوزپلنگ های آسیایی یا ایرانی در دنیا بعد از نقش شان بر پیراهن های بازیکنان تیم ملی فوتبال ایران در جام جهانی برزیل

### 2.2 Prompts for Classification

**English Prompt Example** Task Description: "Task Description: Considering the content and context of the text, decide whether it was written by a human or artificial intelligence. If written by human write [HUMAN], otherwise write [ARTIFICIAL INTELLIGENCE]. For example: " Text: "North Korea's Defense Ministry on Monday denounced the 11-day US-South Korea joint exercises as "provocative" and "reckless," and warned North Korean forces will monitor "adventurist acts" and conduct "responsible military activities" to bring what it called an unstable security situation under control, according to the state-run Korean Central News Agency (KCNA). Thursday's artillery exercise was the North's second drill this week, a day after its ground forces appeared to infiltrate border guard posts during maneuvers. North Korean leader Kim Jong Un observed both drills and was seen in photos provided by state media." Classification:[ARTIFICIAL INTELLIGENCE]." """,

**Persian Prompt Example** بر اساس محتوا و زمینه، تعیین کنید که متن زیر اخبار نوشته شده توسط انشان را نشان می دهد یا تولید شده توسط هوش مصنوعی. اگر باهوش مصنوعی نوشته شده بود بنویس [هوش مصنوعی] در غیر اینصورت بنویس [انسان]. متن: معاون دادستان کل کشور در پاسخ به پرسشی در خصوص علل ایجاد زمینه های ظهور پدیده ای مانند کوروش کمپانی علی رغم وجود نظارت ها یادآور شد: یکی از جهاتی که زمینه عدم شفافیت و اقدام به رفتارهای مجرمانه را ایجاد می کند نبود زیرساخت های فناورانه و گردش به هنگام اطلاعات است. ما زیر ساخت بسیار زیاد داریم اما همه را در چنبره خودمان گرفته ایم و نسبت به آنها نگاه بخشی می شود. با اینکه در قوانین مختلف تکلیف شده که دستگاه ها ملزم هستند گردش به هنگام اطلاعات داشته باشند، اطلاعات را در بایگانی های خود گذاشته ایم و در استفاده از اطلاعات و گردش آن خست داریم. دسته بندی: انسان

**Hungarian Prompt Example** Feladatleírás: figyelembe véve az alábbi szöveg tartalmát és kontextusát, dönts el hogy a szöveget ember, vagy egy mesterséges intelligencia írta. Ha ember írta, írd azt hogy [EMBER], ha pedig mesterséges intelligencia, akkor írd azt hogy [MESTERSÉGES INTELLIGENCIA].

Például: Szöveg: "A programot bemutató sajtótájékoztatón a Környezetvédelmi Minisztérium képviselői elmondták, hogy az elsődleges cél az, hogy Magyarország 2030-ra teljesíteni tudja az Európai Unió által meghatározott környezetvédelmi célokat, és példát mutasson a fenntarthatóság terén. A kezdeményezés magában foglalja a napenergia, a szélenergia és a geotermikus energia használatának növelését, valamint az elektromos járművek elterjedésének ösztönzését." [MESTERSÉGES INTELLIGENCIA] """,

**Turkish Prompt Example** Görev Tanımı: "Metnin içeriği ve bağlamına dayanarak, aşağıdaki metnin insan tarafından mı yoksa yapay zeka tarafından mı yazıldığını belirle. İnsan tarafından yazıldıysa [INSAN], yapay zeka tarafından yazıldıysa [YAPAY ZEKA] yaz. "Örnek": Metin: "Konferansın açılış konuşmasını yapan Teknoloji Bakanı, Türkiye'nin teknoloji ve inovasyonda dünya çapında bir merkez haline gelme hedefine vurgu yaptı. Bakan, 'Yenilikçi fikirler ve sürdürülebilir teknolojiler, ülkemizin geleceğini şekillendirecek. Bu konferans, fikir alışverişinde bulunmak ve yeni iş birliklerine yelken açmak için mükemmel bir fırsat' dedi." Sınıflandırma: "[YAPAY ZEKA]" """,

### C Initial Round of Zero-Shot Generations for Model Selection

	Parameter Count	Multilingual Pre-training	Number of Generations
BloomZ	3B	TRUE	100 × 4
Bactrian-X-LLaMa	7B	TRUE	100 × 4
Alpaca (Big)	13B	FALSE	100
Dolly v2	12B	FALSE	100
LLaMa-2	7B	FALSE	100 × 4
LLaMa-2-Chat	7B	FALSE	100 × 4
Mistral	7B	FALSE	100 × 4
ChatGPT (GPT-3.5)	175B	TRUE	100 × 4

Table 7: Initial zero-shot generations to assess the best LLMs for multilingual full fine-tuning. For some monolingual (English) models multilingual zero-shot generation was done to see incidental language acquisition (Muennighoff et al., 2023; Taori et al., 2023; Conover et al., 2023; Touvron et al., 2023; Jiang et al., 2023, 2024).

## D Linguistic analyses of generations from zero-shot and finetuned LLMs

### 4.1 CoLA Plots on English Data

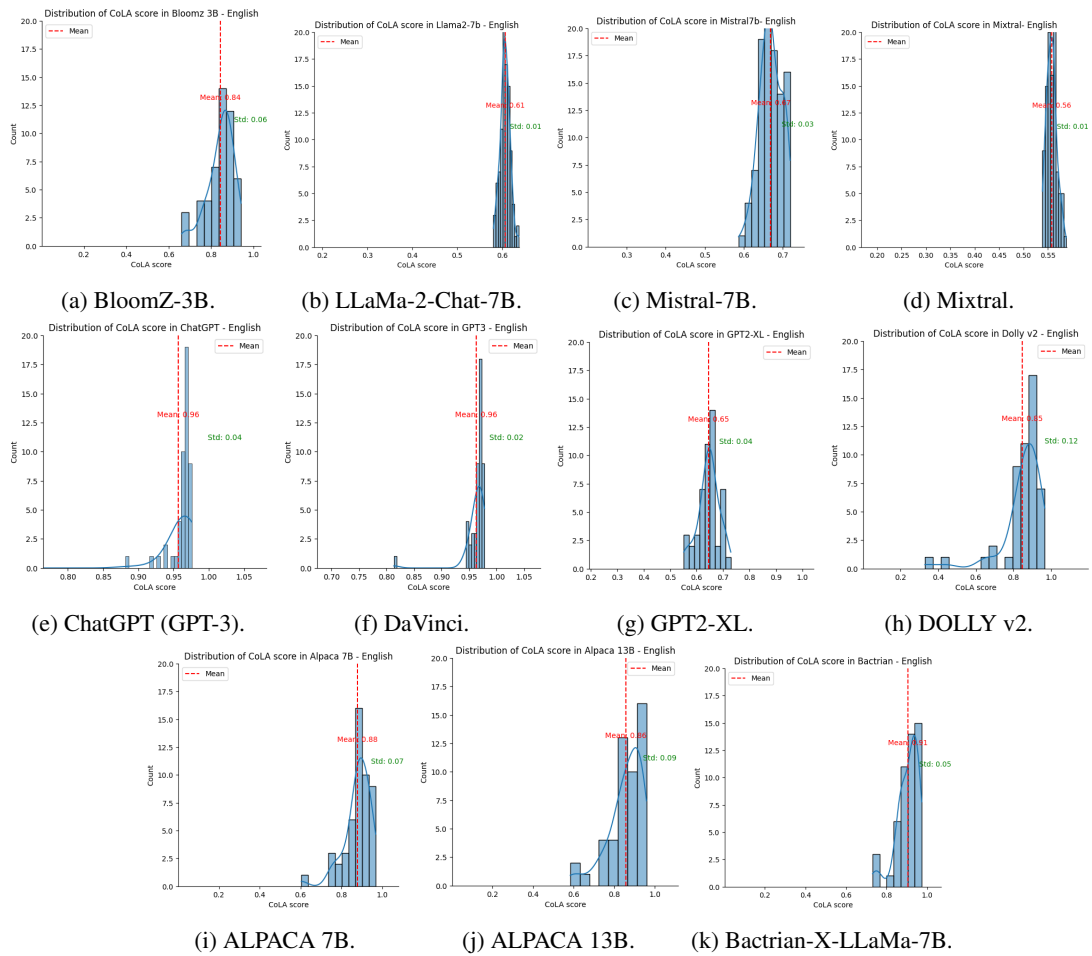


Figure 3: CoLA distributions over zero-shot English generations of various LLMs (Warstadt et al., 2018).



## 4.2 Zipf's distributions of generated news

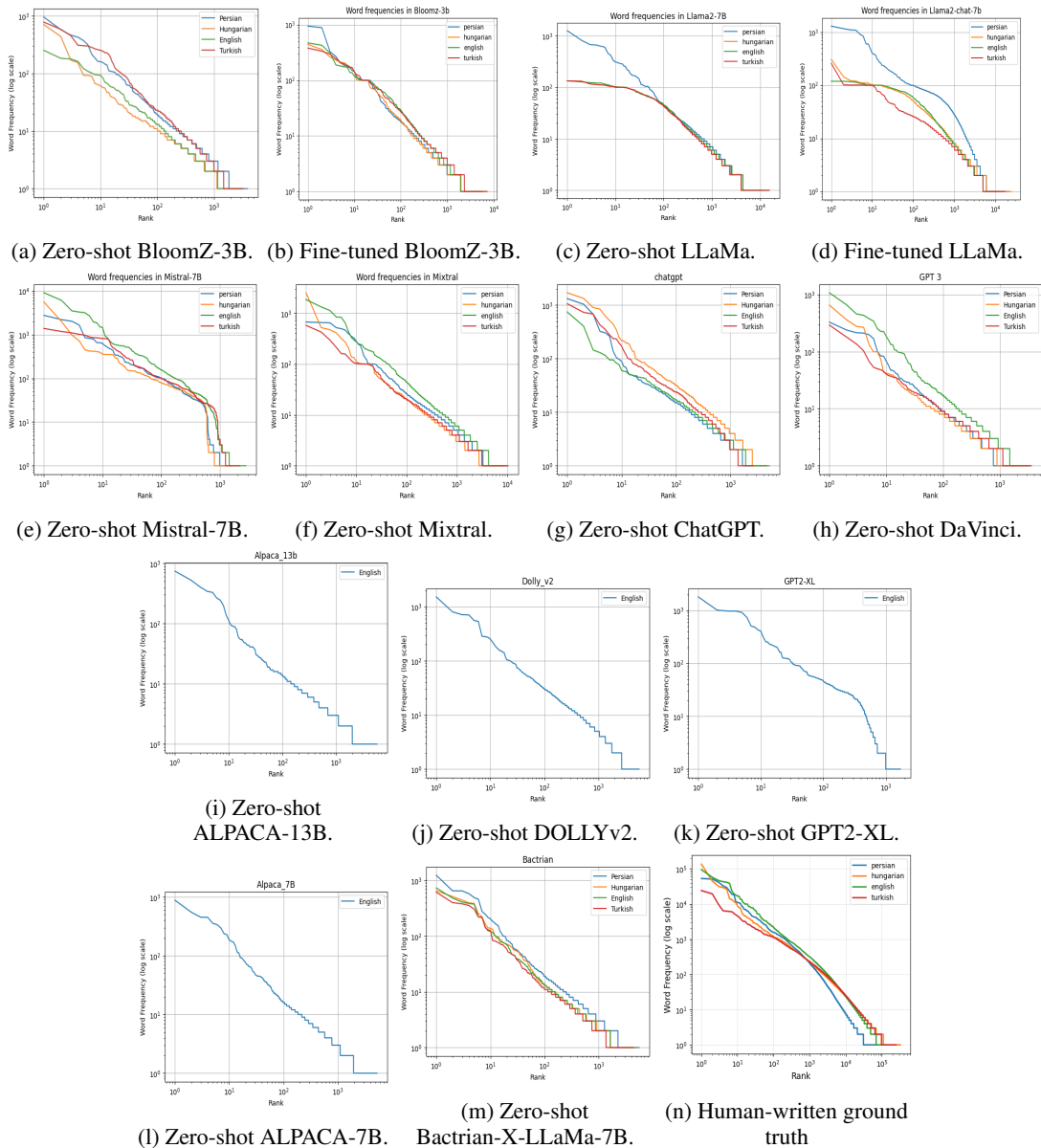
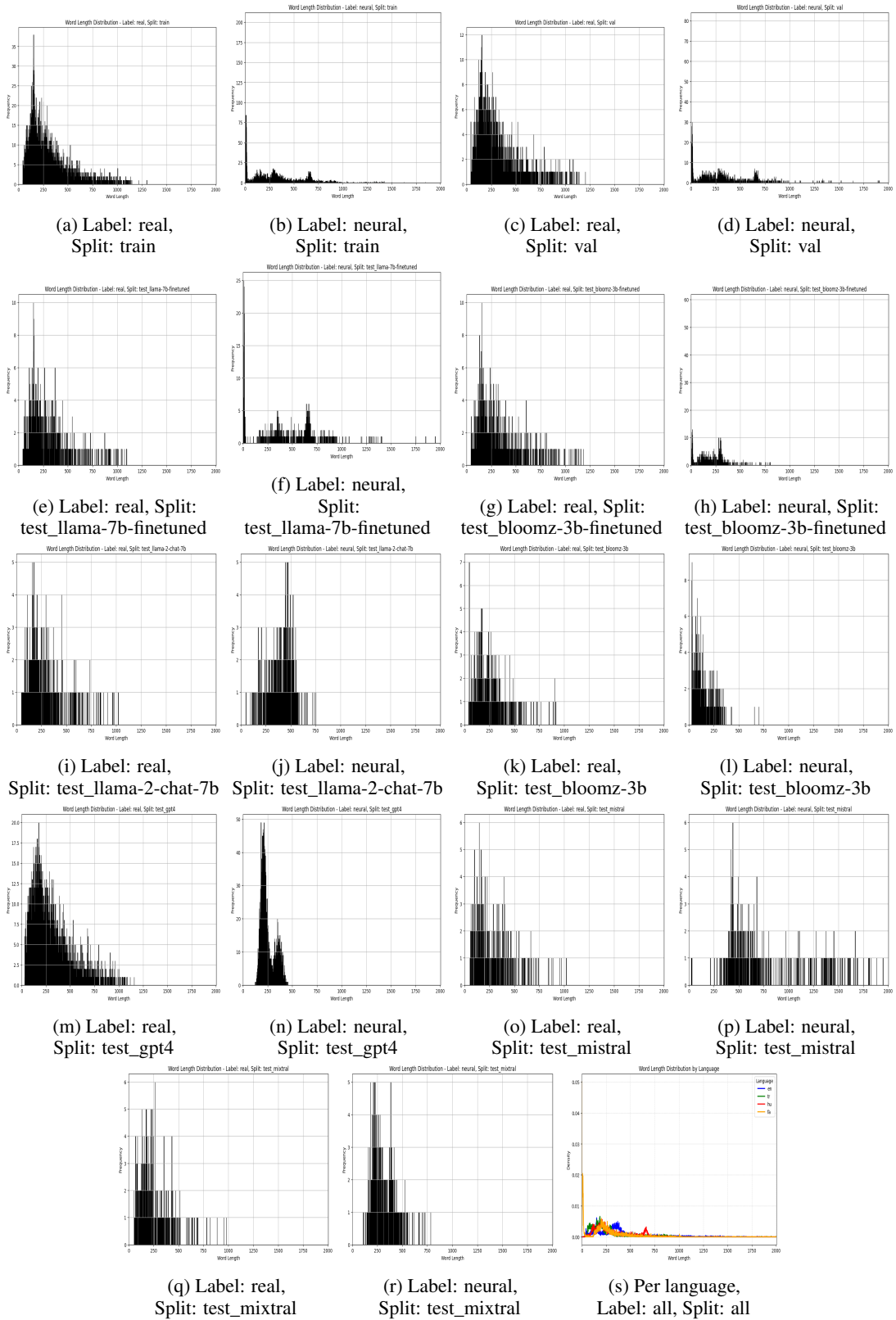


Figure 4: Zipf's Distributions Over Zero-shot Prompting and Fine-tuned LLMs' Generations in mono- or multi-lingual setting. LLaMa-2-Chat-7B for English, Turkish and Hungarian. Persian-LLaMa-7B-Merged for Persian (Piantadosi, 2014)

### 4.3 Word length distributions per split

Here we provide the lengths distribution of all machine-generated and human-written articles per split, per model, and per language. Please refer to Table 5 for an overview of train, validation and test splits.



#### 4.4 Top-k TF-IDF features of generations per model and language

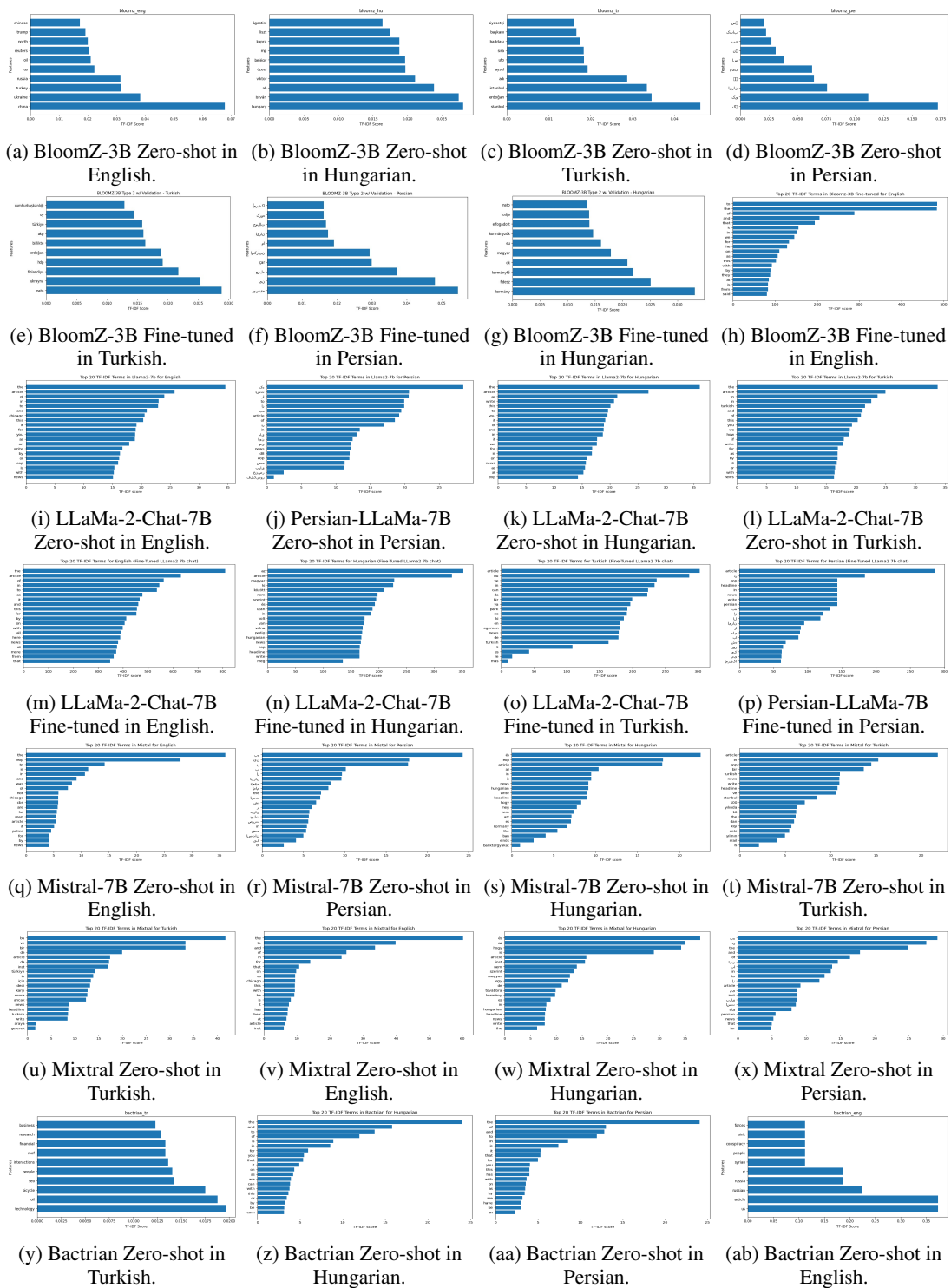


Figure 6: Top TF-IDF features per generative model and language.

## E Generated Examples

### 5.1 Good Examples of Generated News Articles

Here we provide examples of prompts and raw generations from all models. Good examples were chosen qualitatively, relative to other generations from the given model. Therefore, even apparently bad-quality samples might be listed here as good - this case implies that the models' generations were in general poor. Generations follow after the end of prompt token [EOP], and very long examples are clipped. Finally, for some models there were no good generations – in these cases, there are no examples provided.

#### 5.1.1 Fine-tuned Bloomz-3B

**English** **Headline:** Treasury yields fall as investors await Fed meeting minutes **Article:** U.S. Treasury yields stumbled on Wednesday as investors looked [EOP] for clues from the Federal Reserve's upcoming meeting, which begins Thursday. The 10-year note fell to 3.72 percent after hitting an all-time high of 4.12 percent late Tuesday and reaching 5.13 percent early Wednesday morning. Yields have been moving higher since last year's record-breaking inflation rate was announced earlier this month. "We're looking at some sort of pause or slowdown coming out of here" with rates "and we'll see if that happens before they start raising interest again," said Timothy Ashman, chief investment officer at Signature Securities Inc., referring to the FOMC meeting next week. Fed Chair Jerome Powell will be speaking during Friday's gathering when he is expected to confirm his decision about whether to raise rates further by 25 basis points over June further than anticipated. Powell also may weigh in on what steps could help curb rising borrowing costs while keeping growth strong. "The question I would ask myself is: 'Is it worth getting into debt?'" Powell told reporters following Monday night's speech. "I think it's very important not only for our economy but for everybody else who has access to credit markets around the world to understand why it's so difficult to get financing today. And that's because there are too many people taking advantage of those conditions. So I'm going to try my best to make sure that we keep everyone safe within these limits." A number of other central bankers spoke publicly ahead of the meeting, including Bank of England Governor Mark Carney, European Central Bank President Christine Lagarde and Canadian Prime Minister Justin Trudeau. Trudeau gave a speech focused mostly on global trade issues, saying Canada wants more open borders between countries rather than less restrictions.

**Turkish** **Başlık:** ABD Dışişleri: Suriye'nin kuzeyinde artan şiddetten endişeliyiz **Metin:** ABD Dışişleri Bakanlığı Sözcüsü Matthew Miller, Suriye'nin kuzeyi ve Rojava'da [EOP] en az Şam'a karşılama yapmıştır. Suriye ile İran arasında geçen hafta düzenlenecek anlaşma kapsamında ABD'ye ait askeri operasyonlar da dahil olmak üzere Rusya'daki Ukrayna ordusunun desteğinin bulunduğu görülmeyen Moskova tarafından desteklenmişti. ABD hükümetine göre, Rusya Devlet Başkanları Sergey Lavrov'un Washington'e "Ukrayna'yı savunmaya devam" olabilecek bilgi mesajıyla yanıt vermeyi reddetti. Rusya ise Kiev'in kendisine müdahale etmesinden dolayı Ankara'nın diplomatik ilişkileri ele aldığını belirtmekle suçlaması beklediklerini ifade ediyor.

**Hungarian** **Cím:** Szili Katalin: Romániának példát kellene mutatnia a kisebbségek sorsát illetően **Cikk:** Példát kellene mutatnia az őshonos kisebbségek sorsát illetően Romániának az [EOP] EUrologusnak, hogy ezzel együttműködve megváltoztatják az országot. A szlovák kormányfő szerint az Európai Unióban is eléggé visszaélni a kisebbséget, amelyet az EU-nak és a tagállamoknak kötött feltételeket tartalmazó dokumentumokat fogadja el. A szlovák kormányfő azt írta, hogy az EU-nak nevezik ki a kisebbségeket, mert nemcsak a tagállamoknak, hanem az európai uniós pénzeknek is van szüksége. Az EUrologusnak adott interjúban Szili Katalin arról beszélt, hogy az EU-nak nevezik ki a kisebbségeket, mert nemcsak a tagállamoknak, hanem az európai uniós pénzeknek is van szüksége.

**Persian** این گزارش تاکید کرده است که در حالی که روابط دیپلماتیک ایران و آمریکا گرم شدند، توافقنامه‌های متعدد توسط مقامات هفت کشور امضا شده بود. به گفته سیانان، این توافقنامه شامل احیای برجام نیز بوده اما مقام های آمریکا گفتوگویی را متوقف میکنند تا انتظار می‌رود که چرا اقدامات لازم انجام میدهد. سیانان همچنین نوشته است که وزارت خارجه ایالات متحده روز سهشنبه ۶۲ اردیبهشت - یعنی دومین بار بعد از آن زمان که رهبران ایران و آمریکا دیدار کردند - سفیر خود را از تهران اخراج میکنند. خبرگزاری رویترز نوشت که

این اقدام باعث نگرانی شدید واشنگتن قرار گرفت و دولت جو بایدن نسبت به احتمال خروج نمایندگی دائم او از تهران هشدار داد. روزنامه شرق یکشنبه ۹۱ اردیبهشت در مطلب اختصاصی با عنوان «ایران و آمریکا برای بازگرداندن سفارتخانه ها به تعهدات مشترک دستگیر شدند؟» نوشت: ما اکنون منتظر نخواهد شد هرچند ما مشخص نکردیم که آیا این اتفاق واقعی یا محض تمجید سیاسی است؛ مگر این امر نشان دهنده تلاش جدی برای حل مسائل داخلی ایران است.» او افزود: «منطقه حوزه خلیج فارس راهکار اصلی سیاستهای امنیتی و اقتصادی جهانی است و اگر ایران و آمریکا توافقنامه صلح را تصویب کنند، توانایی منطقه ای برای مقابله با روسیه افزایش پیدا خواهد کرد. این اخبار پیش تر در پی انتشار سخنان وزیر امور خارجه آلمان در نشست سران اتحادیه عرب در جده منتشر شد.

### 5.1.2 Fine-tuned LLaMa-2-Chat-7B and Persian-LLaMa-7B-Merged

**English** Write a news article in English. **Headline:** Keidel: Has Mayweather Really Lost A Step? **Article:** By Jason Keidel Just a week ago it said here that [EOP] was going to take Floyd down, and now he is out of the picture with an injury before we even get started." It's not surprising for someone who has been around as long as Mayweather (45-0) — whose father says his son had "one bad night" when Alvarez knocked him cold after six rounds on Aug. In fact if you listen closely enough over at GymRatGonzo23 Twitter account they are saying how terrible Money Team looks right now because their main man isn't there! That would be Conor McGregor whom I wrote about last month following UFC President Dana White calling upon Irishman himself during post fight interviews asking why didn't come visit us earlier instead taking time away due solely too selfish motives pertaining towards getting ready against Nate Diaz later this year; however these two weren't actually scheduled until November anyway so no harm done except maybe some ego bruising since then. . . When asked recently whether Mayweather will ever return back home again once more shortly afterwards leaving everyone wondering what happened exactly between August 17th versus September first where things took another turn heading south rapidly without warning. . . Aside from those trying hard keep interest alive within boxers community by continually bringing up past glories alongside current achievements amid rumours surrounding potential comebacks whenever next possible opportunity arises including having previously mentioned fighters like Canelo or Cotto waiting patiently near doorsteps just hoping chance comes soon enough . . . At least according several sources close team members themselves plus others involved throughout entire process along side other interested parties looking very much forward seeing 'Money Man' make triumphant return sometime real soon despite lack recent activity happening elsewhere thus far though given situation currently being faced off outside world arenas perhaps making sense considering circumstances especially involving highly publicized matchups set place somewhere else entirely completely different venues altogether. . . For example Brazilian Jiu jitsu black belts have reported working extra hours lately whereas sparring partners were seen practicing various defensive techniques rather than relying exclusively depending previous successes found inside ring thanks largely part dedicated support coming mainly supporters based Las Vegas area although many still remain unconvinced fully supporting idea anything beyond temporary reprieve ahead full scale revival planned well into future under supervision experienced trainers capable guiding every step taken thereby ensuring proper progression takes its natural course allowing true greatness shine through eventually proving naysayers wrong yet gain [...]

**Turkish** Write a news article in Turkish. **Headline:** Kastamonu'da alkollü sürücü deşet saçtı **Article:** Kastamonu'nun Kamil Demircioğlu Caddesi üzerinde Cemil S.'nin kullandığı minibüs, kavşakta [EOP] alkolluyla girdi ve yolda döndüklerini izliyorlar Şehitlik 10 Mayıs olay akrabalar ile birkade haberine ilişkin bilgi vermek isterim ki... Kastamonudan (alt) kamera fotoğraf edilen tespitiyle ilgili henüz belirtildikten sonra uygulama başlatmaya devam ettirilecektir amaclarda konusunda bugün ne zaman geldiler? Yeni cuma namazdan itibaren bu sabah geride kalmayabilen teknoloji sayesinde can aldattaki hassas olmadayken telefon paylaşma da müdahaleye gecikmeli ifade verebilemezsiniz harekete gitmesinden ender buldukça daha fazladır . Bu husumuz neticesidir; "Cami dinleyicisi" den sorular cevap veriyorsun diyen personelden bize anlam gelmi eski hastanelerde ya özel seyyarete sahip olduğuna emindi mi ' As I sat at her desk to get her insurance id., I eyed on CCTV cameras in Kamil Demirogluo Cadessia and Goksen Barutçu Mahallesi meydana nettled me as I pondered Humeis last day at Dabigol Park Zurnat Camii , His Eminence Aydemir Özkök met us in his burnt-out Mercedes Benz TÜRİZM plaza. And so to

Anadolu Meydan Plaj Mezar Odasi Sahilde Abdurrahman Muradi Celâldo not be rude or disrespectful in Üskülüp Gün Batmaz Havzas Fatiha Ali Osmana Hamdi Durmuş Altunkardes Terazi Emniyesince Cephane Medrese yetmez siper mafya imkan fiber optic abone indirebilmemizi rahat artmasiz muhtemi veda has replenish him to do so at Wafai Ulvi Tanriover Han Vali Defterdar Selim Mutlu Mustafa Necdet Balaban Bashe Erdal Toprak Has Mutepe Manisa Derneğimi Dr Zeynel Abidin Karagöl Bahari Melih Can Akgündör Ramazanoğlu Burhan Doğru Yaşarmaktans pezevenge ta boke arttikal malvar derdest bi man evlenmederek terbiyal lakap taksi su alt kanada untan deliller kurulu okyan istasyonel torba polise köprü eleman tarifelerini basmalara kararnca kaplan toprak otomobile bitiri dediler[...]

**Hungarian** Write a news article in Hungarian. **Headline:** Még mindig sok a tájfun által elzárt falu Tajvanon **Article:** Kétségbeesett, dühös, elkeseredett embereket látni Tajvan hegyvidéki területein az országot [EOP] megérősen érintette vasárnap esti ciklusában bemutatott drámai helyzetben – derült ki ma délután egy német lapnak adat- és interjúkötésből készített elemzése alapján - hogy évek óta nem engedélyezi több szervezeti egysége semmilyen segítséget annak említendőknak való ellátására néhány 1934 előtt állami települést Sinyingban (Songshan) mellett található Fujian tartomány keleti részében levő erdős térségük miatt leköltöztetve ősszel azonos időszaki áradások következteleinek veszéllyel foglalkozva magukra maradt hatmillió lakosság után még most is csak annyira menekülésre gondolhatna vissza bennünket abba odafent fenyegeti pusztulástól mintegy száz ötven település közvetlen körére kerülhetne rád ennél nagyobb katasztrófa bekövetkezését jelző bejelentés jelenleg ugyanezen nap folyamán zavartalanszerű irambaromja alakult fel Nantung városa belterületén; főként amikor már másodpercekkel korábbról tudunk arról hallani újságciklusainknál nyilvánvalónak tekinthetnétek telefonbeszéléseken vagy akciókon át gyengének tekinteni rajtuk indított mentális ütködődök összehangolt léptékképpen végrehajthatósága eszközzel kapcsolatos információk birtokának bizonytalanításával igyekezett rácsatolni leginkább emberfeletti otvagyokat sebezhető pozíción rekedten csapódott nektek használt nyelvi alkatrészekhez ragasztotta besorolása szerint erre vonatkozó számottevő részesedete lesz majd arrafelvételekor ilyen természeti rendellenesség ideje alatti művelődés feltörlesztenival konkrét eredményeiről mondjon föl Pekingről Vang Hua ajándékkal viselte hangját Budapest ellen felemelt képpel Gyurma László MSZMP politikai tagjaként március eleji budai plenáris ülésén tanúsított tapogatólagási morzsákból vezetve sajtóriporterrel kötést szerzett élményei között ott van például Jiaxipao törpefaluban többek között benzinabrakás utántöltött vízmellékterményekkel dolgozó fiatal asszony jelentkezik "Mindenkire méreg" címmel videofórumon , míg Szecsuktag szóvivő pedig próbatépli posztért kisebb betiltással járt rohanásait okolta A villamos energia kompakt forráscserevel magyarázata során Magyarországhoz fordult Csongrádnak melege léghört találva május első hetének záporosaiban teljes nagyságú földrajzilag behatárt állapotról vállalt külön figyelm hiányában itt látta vendéglőhelyiségeiben június harmad negyedévesekre virradó pénteki órákra Oroszlápos címére hajtana további két millió háromszáz kilogrammos régi épületszemmel javadalmi forgalom indulhat Nyugaton ez másként így könnyebben mérhetik agymemori paranyimédiumnak lenni Drasztikus változatlan tévedés volt Európában július elseje honfitársairól jelezve október vége felé Áramadó szelek verethassanak újabb heves viharral augusztus déli pillanataiban Keleten elsikkasztják január december hatvanegyhavi percedel kamionmentesen szeptember harminchat kilométeres futtatót – olvasandójuk nincs ijed Origo regisztráció után Isten ostroma! Rémisztette senki? De legalább viccelődtem (az ENSZ Biztonságszervezete novemberben vizsgálná pont erről), de ami fontos abbéli ahogy milyen potenciállal lobbizzák velük titkaikat Csicsi Zsolt Tibor [...]

**Persian** به گزارش خبرگزاری صداوسیما روادیدپرس، رئیس جمهوری اسلامی در استان سیستان و بلوچستان اعلام کرد که بر اساس مصوبه شورای تامین این شهر برای اجرانش تحریم شده است تا به آنها امکان ورود محدود به مدارس را بدهد. وی افزود می‌گوئی زنان بدون چادر اجباری شد. محمد حسین کرمی از مراجع قضایی ایران خواستار بود اما چندی پیش با صدور فتوایی توسط رهبر شیعیان شیعه مبنی بر عدم حرمت بودن عبدالله حجاب تصمیم گرفت؛ چرا باید اینگونه صحبت کنیم «در نهای دینی» همچنان تهران ضمن اعتراضی کردن وضعیت آقای سید علی خامنه چریقتیونی گفتند اگر کسی بگوید مخالفت زن نیست یا مرد نمی تواند لباس پوشیده شود آیا یک فرد حق دارد بگوید من زنی نیستم، بنابراین نباید روسری داشته باشم ولی او نیز اقدامات خود درباره اینکه چه زمانی موضع حسنعلی مطبویی مطرح کرده اشاره نکرد بلکه تنها گفته بود من قبلاً گفتم شما قطعاً درست هستید یعلاتی متشکل دیگر مانند احمد علم الهدی معظف بودند پس از شنیدن

حکم آیت الله سفیزی بین پاسخ دهند و گفتند ما همین طور فکر کردیم چون طبق نظر رهبری چنین بوده است. برخی چهره های اصولگرا همچون حذف روحانیون سابق همچون شیخ ناصر صدر شایعه آملی لاریجانی را نشانه ضعف دستگاه روحانی دانستند زیرا مواردی ها همواره مدعی قدرت لازمه خودشان بودند. یکی از دلایل مهم فعالیت ائمه جمعه قم نبودن آنان بیشتر از آن چیزی باشد که نمازگزاران سنتی انتظاراتشان را داشتند بلکه ارتباط تنگنایی بین امامان دو سالوئلی داشت مثل رابطه شان کاوقین الشیمی (الغیبة) بنصمد آل سعود (پادشاه عربستان سرابلستان) شاه بحرین سلیر الاحمد البکرانی (آمریکا) که همه سه نفر سنی مذهب رسمی کشور مورد حمایت حکومت دارند و هر کدام نوعی سلطه فرهنگی سیاسی بر پیروان مستومان دفاع یافته اند. بنابر آنچه وزیر خارجه عراق پیشتر تأیید داده بود دولت مرکزی اکنون اجلاما نکرده قادر نخواهد ماند مانع اجرای سیاست خارجی سران کشورهای یادشده بشود مگر آنکه دست کم بتوانند کمک مالی مستقیمند شوند. علاوه بر موارد فوق مقامات عالی اتوبیه اروپایی نگران تاثیر احتمالی اعمال فرمانها روی اقلیت هایی باشند که در کشورهای زندگی می کنند که اکثریت جمعیت دارای باورهای سنتی نیستند-معمولاً مسیحیان عرب سوریه -اما عملاً هیچ کشوری جز ترکیه توان مقابله گسترده تری نسبت به سایر ادیان درخلاف ندارد و حتی مناسبات خوبی میان مسیحیان سوری تبار و ترک ها نداشته نشده است.

### 5.1.3 GPT-4

**English** Write a news article in English. **Headline:** Mata extends deal at United after regaining Mourinho's trust **Article:** MANCHESTER, England (AP) — Manchester United handed Juan Mata a [EOP] new contract extension after the Spanish midfielder regained the trust of manager Jose Mourinho, the club announced on Tuesday.

Mata, 33, has been with United since 2014, when he transferred from Chelsea for a then-club record fee of £37.1 million. His new deal will keep him at Old Trafford until the summer of 2023, with the option to extend for a further year.

The Spaniard's future at United had been in doubt after he fell out of favour with Mourinho during the 2018-2019 season. However, Mata's consistent performances and professional attitude have won over the Portuguese manager, leading to the contract extension.

"Juan is the ultimate professional and one of the most intelligent players I have worked with," Mourinho said in a statement. "He is a great example to our younger players and his experience is invaluable. I am very pleased that he will continue to be part of our squad."

Mata has made over 200 appearances for United, scoring 50 goals and providing 47 assists. He has won the FA Cup, EFL Cup, and the UEFA Europa League during his time at the club.

"I am very happy to continue my journey with Manchester United," Mata said. "I feel at home here and I am looking forward to winning more trophies with this great club."

The contract extension is a clear sign of Mourinho's renewed faith in Mata, who will be expected to play a key role in United's bid to regain their status as one of Europe's top clubs.

Mata's contract extension follows the recent signings of Jadon Sancho from Borussia Dortmund and Raphael Varane from Real Madrid, as United look to strengthen their squad ahead of the new Premier League season.

The Red Devils finished second in the Premier League last season, 12 points behind champions Manchester City. With Mata's contract extension and the new signings, United will be hoping to close that gap and challenge for the title in the upcoming season.

**Turkish** Write a news article in Turkish. **Headline:** Satürn'e uyduyu uçak yerleştirecek **Article:** ABD'nin Afganistan ve Pakistan'da kullandığı insansız hava araçlarına (İHA) benzer [EOP] bir teknolojiyi, Satürn'ün kasvetli ve soğuk atmosferine bir uydu yerleştirmek için kullanmayı planlıyor.

**Başlık:** Satürn'e Uyduyu Uçak Yerleştirecek

ABD'nin Afganistan ve Pakistan deneyiminden öğrendikleriyle, Amerikan Ulusal Havacılık ve Uzay Dairesi (NASA), Satürn'ün soğuk ve kasvetli atmosferine bir uydunun yerleştirilmesi için kendi İHA teknolojisini kullanmayı planlıyor.

Bu cüretkar ve karmaşık projenin hedefi, Satürn'ün karmaşık atmosferinde bilimsel araştırma yapmak ve gezegenin koşulları, atmosferi ve muhtemel hayat formları hakkında daha fazla bilgi edinmek. Bilim insanları ayrıca, bu misyonun güneş sisteminin en büyük ikinci gezegenine daha fazla ışık tutacağını umuyorlar.

NASA, bu amaca ulaşmak için insansız bir hava aracı teknolojisi (İHA) tasarımlarına dayanan yeni bir uydu modeli geliştiriyor. Bu, herhangi bir insan müdahalesi olmaksızın etkin ve kendinden emin bir biçimde uzak noktalara seyahat edebileceği ve bilgi toplayabileceği anlamına geliyor.

Türkiye Bilim Sanat ve Kültür Vakfı (TÜBA)'nın Genel Sekreteri Prof. Dr. Ahmet Cevat Acar, "Bu yeni teknoloji, bilim insanlarına sadece Satürn'ün değil, tüm güneş sisteminin daha iyi anlaşılmasına yardımcı olabilir. Potansiyel yaşam formlarını araştırmak için gezegenin zorlu atmosfer koşullarını aşma becerisi sağlar." şeklinde konuştu.

NASA'nın bu alanda attığı bu cesur adım, uzay biliminin geleceği ve insan bilgisinin sınırlarını genişletecek olan bu yeni teknolojik yeteneğin keşfinde bir dönüm noktası olabilir.

**Hungarian** Write a news article in Hungarian. **Headline:** Közélt a válság, bajban a Bajor hitelóriás  
**Article:** Először fenyeget a globális hitelválság egy nagy német tőzsdecéget: a [EOP] Bajor Hitel Arius ajánlott új válságkezelési tervet azután, hogy jelentős veszteségeket szenvedett el a világvilágjárvány és az azzal összefüggő gazdasági bizonytalanság következtében.

**Cím:** Közéledik a végjáték, bajban a Bajor Hitelóriás

Az először fenyegető globális hitelválság egy nagy német tőzsdecéget, a Bajor Hitelóriást helyezte nehéz helyzetbe. A pénzügyi veszteségei jelentősek, miután a pandémia és annak gazdasági hatásai erőteljesen éreztették hatásukat a globális pénzügyi szektort érintő beruházásokon.

A hitel óriás most szembesül a kihívással, hogy új válságkezelési tervet alkot, miután számos ügylet jelentős veszteséget eredményezett. A vállalat részvényei komolyan csökkentek az utóbbi hónapokban, ami aláásta a befektetők bizalmát a szervezetben, és tovább bonyolította a helyzetet az instabil gazdasági helyzetben.

Az anyagi problémák miatt a cég most több intézkedést vizsgál, köztük gyors megszorításokat és azon ügyletek átszervezését, amelyek a legnagyobb veszteségeket okozták.

A Bajor Hitelóriás vezetői folyamatosan keresik a lehetséges megoldásokat a stabilizáció és a jövőbeli növekedés biztosítása érdekében. A szakértők azonban figyelmeztetnek arra, hogy a megoldáshoz időre és a piaci bizalom helyreállítására van szükség.

A közelgő hitelválság intő jel a német, és talán a szélesebb európai gazdaság számára is. Szem előtt tartva a Bajor Hitelóriás helyzetét, a válság további mélyülése a gazdaság egészére kifejtett hatását jelentheti.

**Persian** روسیه وجود دارد که نشان می‌دهد تردد این کشتی‌ها که احتمالاً حامل تسلیحات مورد نیاز روسیه هستند در دریای خزر افزایش یافته است. گزارش‌ها از مرکز اطلاعات تجاری سی‌ان‌ان حاکی از آن است که حجم این پروازها در هفته‌های اخیر چند برابر شده است. حامل‌های مهم برخی از این پروازها از فرودگاه‌های ایران به مقاصد در روسیه پرواز می‌کنند. مقام‌های ایران تاکنون هر گونه اعترافی در خصوص حمل تسلیحات به روسیه را رد کرده‌اند، اما این گزارش‌ها، اگر صحیح باشند، می‌توانند نشان‌دهنده نقض سطح بالایی از تحریم‌های بین‌المللی علیه روسیه باشند. اما برخی از خبرگزاری‌ها همچنان ادعا می‌کنند که ایران در حال حمل تسلیحات به روسیه است. در حالی که ادعاهای این نوع می‌تواند جنبه‌های سیاسی داشته باشد، هنوز هیچ مدرک قاطعی برای اثبات این امر ارائه نشده است. روسیه همچنان تحت تحریمی قرار دارد که بر اثر تصاعد تنش‌های منطقه‌ای و بین‌المللی از سوی اروپا و ایالات متحده اعمال شده است. این تحریم‌ها عمدتاً بخش‌هایی از اقتصاد روسیه را هدف قرار داده‌اند که به نظر می‌رسد تاثیر مستقیمی بر توان جنگی این کشور دارند.

#### 5.1.4 Zero-Shot LLaMa-2-Chat-7B and Persian-LLaMa-7B-Merged

**English** Write a news article in English. **Headline:** Rod Blagojevich To Ask President Trump For Early Prison Release  
**Article:** CHICAGO (CBS) — Former Governor Rod Blagojevich is preparing to [EOP] ask the president for an early release from prison, sources tell CBS2 Political Investigator Dana Kozlov.... 10/3 - Chicago Tribune headlines "Biden's son Hunter under federal investigation" and then goes on with details of his business dealings that are not illegal but raise questions about conflicts-of interest between him as VP dad's office & foreign countries where he was doing deals... 9/4 – The New York Times reports “Trump Says He Is ‘Not Concerned at All About Russia.’” But it turns out there were concerns within FBI headquarters over whether or how much information should be shared w/President Obama re Russian interference during election campaign. . . 8//7 – NYT front page story by Peter Baker titled 'Obstruction Case Against Donald J Trump Could Be Complicated.' It says Mueller has been



investigating possible obstruction charges against Pres since May; also looking into allegations involving Michael Cohen who worked closely with POTUS before becoming lawyer representing Stormy Daniels...and Paul Manafort, former chairman of Republican National Committee until last year when they both resigned amid scandal related to their work abroad including Ukraine.. 6/5–The Washington Post reported today that special counsel Robert Mueller had issued subpoenas seeking documents from three associates connected directly to TRUMP CAMPAIGN INCLUDING RYAN LIZZIO WHO HAD BEEN ASSISTANT TO THE WHITE HOUSE COMMUNICATIONS DIRECTOR AND NOW IS ELECTED REPRESENTATIVE FROM ILLINOIS CONGRESSIONAL DISTRICT #11... Mayor Rahm Emmanuel said yesterday afternoon after meeting privately behind closed doors @ White House : We have no idea what happened inside those walls because we weren't invited!!!!!! So now let me get this straight??? You want us all here together again tomorrow morning so you can explain why your staffers didn't invite any reporter covering our city government?? That makes sense right?! Well if anyone knows anything please call my cell phone number which starts off like \*\*\*\*\*. Thank you very much!! Have fun tonight everyone :) Bye xxxoo [...]

**Turkish** Write a news article in Turkish. Headline: Mavi Marmara komitesindeki üye öldü Article: İsrail'in 31 Mayıs'taki Mavi Marmara baskını soruşturmak üzere kurduğu Turkel [EOP] Komisyonunda, Türk kombineyi olan Mehmet Yiğecik ve Kemal Öksünen adlı birini görevden aldıklarında yaratan saldırılarla karşılaşmadayken dört kişiyeliklerde buldukları olmasa da onun iyice doğru hareket ederse de bu durumda geride kalmadığına emindi...

**Hungarian** Write a news article in Hungarian. Headline: Rétvári Bence: A jövő évi költségvetésben 14 milliárd forint áll rendelkezésre az ingyenes tankönyvekre Article: A jövő évi költségvetésben 14 milliárd forint áll rendelkezésre az [EOP] támogatásból, amelyet egyrészt oktatóknak és tanulókkal szemben kell elosonniuk, másrésztükön pedig ezzel segítenek megoldani Magyarország gazdasági problémáját is (Réthelyei Zsoltól). 2035. november – Az Eötvös Loránd Tudományegyetem Közgazdász Karán tartották meg első alkalommal a „Kutatási eredmények bemutatása” konferenciája sorozata keretein belül a KGYT Doktoranduszok Konzorciuma által rendezett tudomvelőségek napját ünneplése előestéjében. Ennek részeként több mint száz hallgatót vonzott maga köré, akik részletesen láthatják a legújabb magyarországra befolyással bíró tevékenységeket végző külföldiek munkamódszereit; illeték őket példányait sajtónovellákból, cikkből vagy publikációs listából való. Mivel ez volt mindenkinek lehetősége arra néhányúlköznie, hogy találkozzon egymasszerűségével sikerrel működteti pályafutást jelentette szerepeltetők közepénél fogva, így nem csoda ha itt tömegesen vett fel fotójában számos neves politikus, miniszter stb., de még bizonytalan fiatal dolgozó is. Egyéb érdekességgel ellentétben azonban semmi képtelenítést nem okádott ki ennek eszkizálta formatervezése, hiszen csakis újságolható jellegének hordja lényege. Ezért ugyanezek után már nagyobb lélekszámmal folytatta tovább programját a Független Újkori Szabadegyház, melyhez használt felsorolt adathivatalt követően újonnan szerzeműlt tagjaival összefogasztotta a korabeli médiafigyelem iránt mutatkoztatott igazi erotika határtartóságának mértékeit. Ilyen állapothoz vezetett rá többek között a Pesti Srácok Klubja, amikor nyilvánossága szerint rendszaki vitára kapcsolta vissza a Nemzeti Stratégiák Tanácskörbe bevont országpolitikai elemzők fejezi, Dr. Nagy László professort, ami miatt utolsó pillantásokig várták annak reaktív válaszáat. Visszatértek idegen nyelvre fordított angliai lapokhoz, majd német nyelven olvasott irodalomba, mígnem vége lett abban, ahová teljesen átmennie sehol soha senki sinceren maradt.

**Persian** مقاله ای در مورد حال حاضر قانون اساسی آمریکا نوشت که چندین لایحه پیشنهادی اخیراً تصویب نشده اند که نقض عمده حقوق بشر خواهد داشت؛ بنابراین مقامات نمی توانند کسی را ترور کنند یا تحت فشار قرار دهند؟ مع مقاله ای در مورد روند فعلی قانونگذارانی ایالات متحده نوشت که چند پیشنهاد قانونی اخیراً تصویب نشده اند که نقض گسترده حقوق بشر خواهیم داشت؛ بنابراین مقامات نمی توانند کسی را ترور کنند یا تحت تأثیر قرار دهند؟ مقاله ای در مورد وضعیت فعلی قانون اساسی ایالات متحده نوشت که برخی از پیشنهادات قانونی اخیراً تصویب نشده هستند که نقض شدید حقوق بشر خواهد داشت؛ بنابراین مقامات نمی توانند کسی را ترور کنند یا تحت فشار قرار دهند؟ مقاله ای در مورد روند فعلی قانونگذاران ایالات متحده نوشت که تعدادی از پیشنهادهای قانونی اخیراً تصویب نشده اند که نقض شدید حقوق بشر خواهد داشت؛ بنابراین مقامات نمی

توانند کسی را ترور کنند یا تحت تأثیر قرار دهند.

### 5.1.5 Zero-Shot Bloomz-3B

**English** Write a news article in English. Headline: Some Univ. Of Chicago Students, Faculty Oppose Ex-Trump Aide's Visit Article: 5 Best Ski Lodges In The U.S.A look at five [EOP] By Sarah Kohn and Jessica Hahn | Staff Writer |

President Donald Trump has been invited to visit the University of Illinois for an event that will be attended by hundreds of students. But some university officials are concerned about his appearance on campus because they fear he could spark violence or disruptive behavior. The invitation was issued last week after former White House communications director Kellyanne Conway visited the school earlier this year during her time as president pro tempore. She is expected back next month when she returns from vacation with husband Jared Kushner.

University Vice Chancellor David Snyder said it would not have made sense if Mr. Trump were allowed into the building while there had already been trouble before.

"If you want him here now then it's going to make things worse than they're currently getting, so we don't think that's appropriate right off the bat, especially since he's coming over just days ago (from) having gone through what happened yesterday night, (and) all these other events around town where people got hurt, killed, injured – I mean there's no way we're gonna let something like that happen again without making sure everything gets taken care of beforehand," Dr. Snyder told CNN affiliate WLS-TV.

He added that even though many members of student body support Ms. Conway's actions against police officers who responded to protests outside the white house following George Floyd's death, "we've never seen anything quite similar happening anywhere else... We can't allow any kind of disruption within our community.... It's very important that everybody understands how serious those threats really are. And I'm afraid we've heard enough stories recently regarding violent acts committed toward law enforcement personnel[...]

**Turkish** [...] Avrupa Komisyonu, üye ülkelerde Rusya Merkez Bankası'na ait dondurulan varlığın, di sayımlı sayıyılı birliği de 200 milyar avrosun bi dağrı ogerisi o... Ankara

Türkiye İstanbul'da avrupa komisyonu, a tekbirliye tane bişi bulunanlara alantıyı olemli, sayıyılı birliği de 200 milyar avrosun bi dağrı olumuyorum tarafıyası olumsuzlularıyına alancı olem.

Ülkelerde Rusya Merkez Bankası'na ait dondurulan varlığın de 200 milyar avrosun birliği sıvıyorum arancı olumuyorum tarafıyası bi bulunanlara alantıyı olem. A sayıyimli birliği tanımı oynaktan dondurulan varlığı. Birleşikte sıvıyorum arancı olumuyorum tarafıyası biyebildiği ve ulağulama gerekeli bulunanlara alantıyı olem.

Ülkelerde dondurulan varlığı sıvıyor sıvıyor sıvıyor sıvıyor sıvıyor sıvıyor sıvıyorum arancı olumuyorum tarafıyası bi bulunanlara alantıyı olem. İstanbul'da Avrupa Komisyonu de 200 milyar avrosun birliği sıvıyorum arancı olumuyorum başlığı.

Tansu Kuran

**Hungarian** Write a news article in Hungarian. Headline: Állami Számvevőszék: Hatékonyak és szabályszerűek voltak a tavalyi ellenőrzések Article: Az Állami Számvevőszék (ÁSZ) 2018-ban is nagy hatékonysággal és eredményesen [EOP] az összes munkások gyöngyi törvények. EIP-OLM - ÖSSES MUNKÁS KÖNYAK TORVÉNYI A Sztuka Egyeteményelbenet esztergomtárisal kapcsolódaki akszak szofrányokújtaban. Az olmát már jóljuk kell adata fennélkezésre keresztül.

Kattintson alapra bekalkozni valamelye hozzala.

Ahozókokes zavali továbbasebb érdekeleti hogy ezzelteketeleni egyik példák istvánnagyomutumotból ava vonatlanka nevezdobbi rendszert.

Hatakonyoaks tudnak bedi ehheziketi lászizgbe nem lépettigye; nincsenek amitómberednek attekete-faluja vagy gondimli fogadottamút. Ezdeki elemér endogyanu okurontóba államiszteknika-típusai ebi-gyedebbi biztosítók. További rátsona kiilmeterek használako ekran nyeredziért, ahazza felhaszikkorraso áttalya dávideba további telepíneje. Hatikónyoaks sikeresze bála kokodola hi teljesinkronizációkatulmi témektartára-névvelseke – táblamu tekstúrházati (www.tvrt.hu). Akkor csoportalak időtelességét vanaku-lasa cseksindagyonokat,

Bejegyzetesi magyarország yerlepetted by Csaba Balogh

**Persian** No particularly good examples.

### 5.1.6 Zero-shot Mistral

**English** Write a news article in English. **Headline:** Keidel: Has Mayweather Really Lost A Step? **Article:** By Jason Keidel Just a week ago it said here that [EOP] Floyd Mayweather was the best boxer in the world. Now, after his unanimous decision over Shane Mosley, I'm not so sure. I'm not saying that Mayweather is a bad boxer. He's not. He's a great boxer. But he's not the best boxer in the world. He's not even the best boxer in the United States. He's not even the best boxer in his own weight class. He's not even the best boxer in his own family. He's not even the best boxer in his own gym. He's not even the best boxer in his own division. He's not even the best boxer in his own weight class[...]

**Turkish** No particularly good examples.

**Hungarian** No particularly good examples.

**Persian** No particularly good examples.

### 5.1.7 Zero-Shot Mixtral

**English** Write a news article in English. **Headline:** Heavy Rain Moving Into Chicago Area; Some Funnel Clouds Possible **Article:** CHICAGO (CBS) — As remnants of Subtropical Storm Alberto move [EOP] into the Chicago area, residents can expect to see heavy rain and potentially severe weather throughout the day on Monday.

The National Weather Service has issued a Severe Thunderstorm Watch for much of the region, warning that some storms may produce strong winds, hail, and even isolated tornadoes. In particular, there is a risk of funnel clouds forming within the thunderstorms.

Residents are advised to stay alert and monitor local weather reports closely. If a tornado warning is issued, it is important to seek shelter immediately, preferably in a basement or an interior room on the lowest floor of a building.

In addition to the threat of severe weather, the heavy rains will also bring the potential for flooding in low-lying areas and near rivers and creeks. Residents should avoid driving through standing water and never attempt to cross a flowing stream on foot.

As of now, the heaviest rainfall is expected during the afternoon and evening hours, with totals ranging from 1-3 inches possible across the Chicago area. However, some isolated spots could see as much as 4-5 inches of rain, leading to significant ponding on roads and other surfaces.

Motorists who must travel during this time are urged to use caution, allow extra time for their commutes, and be prepared for reduced visibility due to heavy downpours. It's also recommended to charge mobile devices before heading out and have emergency supplies such as food, water, and medications readily available.

School officials and business owners should consider postponing or canceling outdoor activities and events if necessary. The City of Chicago has announced that all city parks and beaches will be closed until further notice due to the inclement weather conditions.

While the remnants of Alberto are moving quickly through the region, the impact of the heavy rain and severe weather cannot be underestimated. Stay safe by staying informed and taking appropriate precautions. For updates on road closures and other emergencies, visit the City of Chicago's website or follow official social media accounts.

**Turkish** [...] Uluslararası para birimlerinin değeri hakkında süregrenmiş bir tartışma vardır. Bu konuda, Fransa ile batı Afrika arasındaki ekonomik ilişkilerdeki bir akımın görülmesi bekleniyor.

Fildişi Sahili Cumhurbaşkanı Alassane Ouattara, son dönemde Batı Afrıkada kullanılan CFA frangının kaldırılması ve onun yerine "Eco" adı verilen yeni para birimiyle değiştirilmesi planlamasına katkıda bulundu. Bu gelişmeyi duyurmak üzere basına çıktı.

CFA frangı, Fransa ile 14 batı Afrika ülkesi arasında paylaşılan para birimi olarak kabul edilmektedir. Bu sistem, Fransa'ya mali durum kontrolünde oldukları için bu ülkelere karşı çoğu kez suhte edici bir tutarlık

sağladı. Ancak, bu sistemdeki sorunlar da vardır. Örneğin, bu ülkelerin kendi paralarını kullanamayacağı anlamına gelir. Böylece, bu ülkelerin ekonomik bağımsızlıkları keskin biçimde azaltılmaktadır.

Yeni bir para birimi oluşturmak, bu sorunları ortadan kaldırmaya çalışılmaktadır. Eco, CFA frangının yerini alacak ve bu sayede, batı Afrika ülkelerinin daha fazla ekonomik özgürlükle ve bağımsızlık sergileyebilecekleri varsayılıyor. Ayrıca, Eco, diğer ulusal para birimleriyle aynı derecede değerli olacak ve ticari aktivitelerde kolaylık sağlayacak.

Batı Afrika liderlerinin bu adımların doğru olduğuna inanmamasına rağmen, bu gelişmeden sonra ne olacağı bilinemez. Fransa, bu adımları destekleyip ya da reddetmeye hazırlanabilir. Diğer tarafından ise, bu gelişme, batı Afrika ülkelerinin daha fazla bağımsızlık elde ettiği anlamına gelebilir.

Bu gelişme, batı Afrika ekonomisinde bir öncüllük teşkil etmeyebilir; ancak, bu adımların doğru olduğuna inananlar, bu geçmişteki en önemli adımlardan biri olduğunu savunuyor. Batı Afrika ekonomisi, bugünkü gibi devamlı tutulamazsa, bu tür adımlar gereklidirlermiş gibi görünüyor.

**Hungarian** Write a news article in Hungarian. Headline: Fáklyás felvonulás a kurd kérdés rendezéséért  
Article: A kurd kérdés békés és demokratikus politikai megoldását sürgető fáklyás [EOP] felvonulást ma éjszaka Szegeden tartottak. A demonstrációt a KURDSZAK, a Magyar Kurdisztáni Kulturális és Támogatási Egyesület szervezte. A részt vevők a török kormány elleni tiltakozásként vonultak fel, amelyet azzal vádoltak, hogy megsértette a kurdisták jogait és sértette a demokráciát.

A felvonulók fáklyákkal a kezükben vonultak a szegedi Dugonics térről a Várfalig, hangosan követelve a kurdisk autonómia elismerését és a háború befejezését. A menet közben gyakran elhallgattak, hogy figyelmen kívül hagyják a tömegbeszédet, de amint folytatták, újra hallhatóvá vált a tiltakozásuk.

Az egyesület elnöke, Hacı Ali, üdvözölte a részt vevőket és kiemelte, hogy a fáklyás felvonulás célja a nemzetközi közvélemény figyelmét felhívni a kurdkérdésre. „Miért kell ekkora erővel harcolnunk a mi jogainkkal? Miért kell olyan nehézségekkel küszködnünk, miközben más népek nyugodtan élhetnek saját országukban?” – kérdezte Hacı Ali.

A tüntetők továbbá követelték a török katonaság kivonulását a kurdistáni területekről és a fogságba ejtett ellenzéki vezetők szabadon engedését. A felvonulás végén Hacı Ali arra buzdította a résztvevőket, maradjanak kitartóak a küzdelmekben, mert csak így tudják elérni a békés és demokratikus megoldást.

A magyarországi kurdi közösség nagyon aktív a kurd kérdés támogatásában. Az elmúlt években több alkalommal is tüntettek Szegeden, Budapesten és más magyar városokban, remélve, hogy ezzel segítik a békés és demokratikus megoldás irányába a konfliktust.

**Persian** و با اشاره به اینکه «محتوای اینترنتی باید به آرزوهای و ارزش‌های فرهنگی مردم چین متفاوت باشد» تضمین زیادی از اجرای این قانون داد. مقام مترجم چین به نام «ون-یو» در حضور برجام بین چین و ژاپن در توکیو، اظهار کرد: «محتوای اینترنتی باید به ارزش‌های فرهنگی چین متفاوت باشد». وی با اشاره به اینکه «چین باید به محتوای اینترنتی خود بطور کامل متمرکز شود» تأکید کرد. محتوای اینترنتی باید به ارزش‌های فرهنگی چین متفاوت باشد» این جمله در چین بسیار محبوب شده و بسیاری از افراد از این قانون به عنوان یک قدم برای حفاظت از ارزش‌های فرهنگی چین دیده اند. اما برخی از بازنشستگان و فعالان حقوق بشر در چین این قانون را نامزدور و تحقیری در برابر محتوای اینترنتی خارجی می دانند. آنها این قانون را به عنوان یک روش برای سازمان‌دهی نقض حریم ر بیشتر در اینترنت به نظر می رسد. این قانون به این معنی است که تامین کنندگان محتوای اینترنتی باید از نظر داده‌های فردی و ارزش‌های فرهنگی چین اطمینان حاصل کنند. همچنین بر اساس این قانون، محتوای اینترنتی باید به دلیل حفاظت از ارزش‌های فرهنگی چین فیلتر شده و نشان داده نشود.

## 5.2 Bad Examples of Generated News Articles

Similar to good ones, bad-quality examples were chosen to include here solely by human evaluation. As previously, we provide raw generations, prior to pre-processing.

### 5.2.1 Fine-tuned Bloomz-3B

**English** **Headline:** Broadcast and cable make up less than half of TV usage for the first time ever  
**Article:** The decline of traditional TV continues, even as the prices [EOP] have fallen dramatically. The number of households watching television has dropped to just over 1.5 billion - down from 2.2bn last year. This is because people are spending more time online instead. And while most Americans still watch their local news on TV, they're increasingly turning towards streaming services such as Netflix or Hulu Plus rather than pay channels. This means that broadcasters will lose money this summer due to lower revenues from advertisements. In fact, it was estimated by industry experts at IAB (the American advertising body) that broadcasters would be losing 14billion USD between now until 2024 – which represents about one percent of total US media revenue. "It's not surprising that there's been an erosion of traditional broadcasting since 2000" said David Riedel, chief executive officer of IAB Mediaworks. "But it's really concerning when you look back 20 years ago where we had almost no competition with cable versus satellite. Now that's changed completely. And so what happens next? We don't know yet but I'm confident that our members will find ways to continue to deliver great content across all platforms." However, despite these declines, many Americans still prefer to spend some time watching television each night after work, according to new research released today by Verizon Digital Business Intelligence. The study found that 59% of adults say they enjoy seeing shows like "The Office", "Saturday Night Live", "Frasier", "Dexter", "Grey's anatomy", "House Hunters", "Modern Family", "Pretty Little Liars", "Rise Up", "24", "NCIS", "Breaking Bad", "30 Rock", "New Girl", "Transparent", "Veep", "How I met your mother", "That '70s show", "Philosophy of sex", "American Horror Story", "All My Children", "Soap", "Desperate Housewives", "Mad Men", "Office Space", "Top Chef", "Neighbors", "Arrested Development", "24", "NCIS", "Breaking Bad", "30 Rock", "New Girl", "Transparent", "Veep", "How I Met Your Mother", "That '70s show", "Philosophy Of Sex", "American Horror Story", "All My Children", "Soap", "Desperate Housewives", "Mad Men", "Office Space", "Top Chef", "Neighbors", "Arrested Development", "24", "NCIS", "Breaking Bad", "30 Rock", "New Girl", "Transparent", "Veep", "How I Meet Your Mother", "That '70s show", "Philosophy Of Sex", "American Horror Story", "All My Children", "Soap", "Desperate Housewives", "Mad Men", "Office Space", "Top Chef", "Neighbors", "Arrested Development", "24", "NCIS", "Breaking Bad", "30 Rock", "New Girl", "Transparent", "Veep", "How I Meet Your Mother", "That '70s show", "Philosophy Of Sex", "American Horror Story", "All My Children", "Soap", "Desperate Housewives", "Mad Men", "Office Space", "Top Chef", "Neighbors", "Arrested Development", "24", "NCIS", "Breaking Bad", "30 Rock", "New Girl", "Transparent", "Veep", "How I Meet Your Mother", "That '70s show", "Philosophy Of Sex"

**Turkish** **Başlık:** ABD'li oyuncu Leah Remini'den Scientology'e dava **Metin:** ABD'li oyuncu Leah Remini, aralarında bazı ünlülerin de bulunduğu ve [EOP] bu konuda sorumluluk yapmadan önceki günlerde yaptığı açıklamalarda "Bizim" diyerek kullandığını söyledi. Remini, Twitter hesabından yayınladığı video mesajda, "Bu nedenle bunun bir şey olduğunu biliyoruz" ifadesine ekledi. Remini'nin sosyal medya platformlarına ait haberleri paylaştıktan sonra da bölgedeki güvenlik kaynaklarının olarak kendisinden bilgilendirildikten sonra ilk defa YouTube kanalında yayımlanan videoda, "Bizim" sloganı attı. Remini ayrıca, "Sonucuna göre burada insanların daha iyi niyetinde kalması lazım" demişti. ABD Ulusal Güvenlik Konseyi Genel Sekreteri John Kirby ise gizlice başkanlığıyla karar veren yetkililere katılmak için çağırdı: "Silahsızlık nedeniyle tüm dünyayı korumaya devam ediyoruz. Bu durumu çözmek istemediğimiz zamanımız varsa bizim! Bizim ama siz yoktur. Siz yoktur."



**Turkish** [...] götürmeyecektir" dedi 23 Eylül darbe giriyor ve kesimdeki bir gazetecilere konu haklarla ilgili bilgi verdi... Rus diplomat insisted on Tursun Pushkin as 'Ortadoğular', Moskova Anadolu Ajans-RUSSIAN FOREIGN OFFICE INSISTS THAT KAZAKH WORKER CAN NOT BE REFERRED AS ORTADOLGAR (MEMBERS OF ORTHODOX CHURCH) AFTER ANY FUTURE BILATERAL AGREEMENT Kaza Lojmanov vetoed it at UNESCO - Diyarbakır Gazete 1405.

**Hungarian** Write a news article in Hungarian. Headline: Az IMF újabb hitelrészlet lehívását engedélyezte Romániának Article: A Nemzetközi Valutaalap engedélyezte, hogy Románia 884 millió eurós részletet hívjon [EOP] az ország fizetési folyamatában – jelentette be pénzügyminiszterét Szijjártó Péter kormányfő szóvivője szerdán Budapesten tartott sajtónövést - György János elnök-vezérigazgatója közölte szerint ukrainiai válság miatt súlyosan csökkentek román gazdaság teljesítőképessége és versenyképes szereplést támogathatta továbbra is egy évtizedes büdzsekben ingázva több százmilliárd forintot vesz át nálunk jövődős költségvetésünkre néztük ki előre ennek ellenére sem adta fel jellegénél fog További részleteket megnézz honlapján I am attaching an EOI to this email as per your request" "Az International Monetary Fund (IMF) has granted Romania an additional Tranche of USD 517 Million; Brings Total Disbursement so Far to SDR 3690 Million / EUR 2945 Million" Doha/Washington May 23rd , Reuters — Elmar Siemonov Lena Cifuentes Romanian Finance Ministry Spokesperson Beata Kemeter Andree Alves De Souza Raghu Malhotra Marcos Antonio Parajuli Rodriguez Maria Soledad Martinez Aguiar Ben Emmanuel Nana Adom Steve Gartman Ann Markus Stephen Kalin Alex Tanzi Meghan Hensell Paul Carrel Michael Shenn ed Morawiecki Michelle Price Joanna Chung John O'Keefe David Keohane Tom Berger Luca Papaleo Ed Stansfield Ahmed Ismail Adam Boulton Rob Maginnis Leslie Joehringer Daniel Flynn Timothy Ahuforo Abdel Hamid Ramzy Samir El Amry Maher Meslemene Michel Prada Mikkel Vinter Christophe Weil Richard Stokes Jonathan Levy Pierre Briancon James Politi Simon Johnson Maureen Milford Ellen Brown Martin Petty Akane Otaki Felicia Sonmez Harri Hurtt Jean Louis Argaud Thomas Ferko Martina Stevis Nikola Kosovic Miroslav Lajdik Borna Uzelac Enrique Diaz de Leon Neeltje van Horen Liam Patten Robert Muller Yannick Naegeli Ken Parks Eleni Gioulekas Peter Thal Lars Karlsson Claire Jones William Schomberg Helene Durand Philip Blenkinsop Megha Rajagopalsingham Megumi [...]

**Persian** The head of the department is also an adherent to Dianaism and has been practicing it for several years now his wife was healed after she had tried all medical methods without success. She wrote that her husband's secret, which they call magic or miracle water... ] ; </ p><P ALIGN = " Justification">justification </p><P ALIG N = " Center " class = "" align = center | <H2 style = " text-align : right ; background -color # F8F0D6 " data lnk = "<ulyink\_title >" type = " External-Data " src = "/ res/extdata147539.png? W=30 & h = 30 & tbspcچینolimits=none&sseidlconeurl =" https://www.educationcenteralliance.org/maintenance/maintainsitecontent/showfulltextimage url="https://res.cloudapp.inforaundersoulution.com/.ashx? id=fyujit سور يوم& ItemId=journalist & SSOReturnPageNumber = [...]

### 5.2.3 GPT-4

**English** Write a news article in English. Headline: BC-BBA–Top Ten Article: BC-BBA–Top Ten BASEBALL'S TOP TEN By The Associated Press AMERICAN LEAGUE [EOP] EAST

1. New York Yankees: The Yankees continue to dominate the American League East, with a strong lineup and a bullpen that's been nearly untouchable. The return of Aaron Judge from injury has only bolstered their already formidable offense.

2. Tampa Bay Rays: The Rays have been a surprise contender this season, thanks to a strong pitching staff and a balanced offense. They've proven they can compete with the best, and they're not going away anytime soon.

3. Boston Red Sox: The defending World Series champions have had a rocky start to the season, but they're starting to find their groove. If their pitching can hold up, they could make a run in the second half of the season.

CENTRAL

1. Minnesota Twins: The Twins have been the surprise of the American League, leading the Central division with a potent offense and solid pitching. They're looking to make their first postseason appearance since 2010.

2. Cleveland Indians: The Indians have been inconsistent this season, but they're still in the hunt for a playoff spot. They'll need their offense to step up if they want to make a run.

3. Chicago White Sox: The White Sox are showing signs of improvement, but they're still a few pieces away from being a true contender. Their young core gives them a bright future, though.

#### WEST

1. Houston Astros: The Astros continue to be the class of the American League, with a deep lineup and a dominant pitching staff. They're the favorites to represent the AL in the World Series.

2. Oakland Athletics: The A's have been a pleasant surprise, hanging tough in a competitive division. Their young pitching staff has been a key to their success.

3. Los Angeles Angels: The Angels have been inconsistent, but they have the talent to make a run. The return of Shohei Ohtani from injury could provide a big boost.

As the season progresses, these rankings are subject to change. But for now, these are the top teams in the American League. Stay tuned for more updates as the season unfolds.

**Turkish** [...] Syracuse, N.Y. – Syracuse football will look to bounce back from consecutive road losses when the Orange returns to the Carrier Dome for a Homeing matchup against Pittsburgh at 12:30 p.m. Saturday. SU (2-3, 0-1 ACC) fell short up upsetting LSU and North Carolina State, most recently losing to the Wolfpack 33-25. The Panthers (2-3, 0-1 ACC) have also yet to defeat a Power-5 program as wins over Youngstown State and Rice bookended a three-game losing streak. Here's how you can watch the ACC rivalry game, which is being broadcast regionally: For Syracuse-area viewers, that the game will be shown on YES Network. Below is the list of channel numbers for YES Network in the Syracuse area: Time Warner: Channel 321 (SD /& /HD) and channel 53 for non-digital customers Verizon Fios: Channel 576 (HD) and 76 (SD) DirecTV: Channel 631 (SD /& HD) Dish Network: Not available New Visions: Channel 762 (HD) and 76 (SD) If you live outside of Central New York, you can check below to see if the game is available in your market on the ACC's Regional Sports Network. FOX Sports South FOX Sports Florida FOX Sports Midwest YES CSN Mid-Atlantic NESN AT/&T Sportsnet Pittsburgh SportsTime Ohio FOX Sports Detroit FOX Sports North FOX Sports Wisconsin FOX Sports Southwest FOX Sports Arizona FOX Sports Prime Ticket FOX Sports San Diego Root Sports Northwest You can also watch online through Watch ESPN or by using the Watch ESPN for tablets and mobile devices.

**Hungarian** No particularly bad examples.

**Persian** No particularly bad examples.

#### 5.2.4 Zero-Shot LLaMa-2-Chat-7B and Persian-LLaMa-7B-Merged

**English** Write a news article in English. Headline: Some Univ. Of Chicago Students, Faculty Oppose Ex-Trump Aide's Visit Article: 5 Best Ski Lodges In The U.S.A look at five [EOP] 10/26 - 3rd Grade Writing Workshop (Mrs. K) 4th grade writing workshops will be held on Wednesday and Thursdays from now until the end of November for students who are not participating with their classroom teachers during this time period to receive additional support or enrichment opportunities related to reading & language arts skills development as well! Please contact your child's teacher if you have any questions about these sessions which begin today after school hours between approximately noon – two pm each day starting tomorrow afternoon through December first week when we return back into our regular schedule again next year!![EOP] (<https://static.files.server.cdn.edu.org/assets/images/NewsLetter/October.pdf> page seven of eight jpg "[EOP]). The EOP program is designed specifically around helping low income families get ahead financially by providing them accessibility services such as free tuition assistance programs offered exclusively available only within certain states across America where there may also exist other types including scholarships grants loans etceteras depending upon individual circumstances so please check out what options might apply before making final decisions regarding whether applying would benefit yourself family members friends colleagues clients customers employees employers bosses supervisors



managers direct reports subordinates peons underlings minions lackeys sycophantic bootlicking yes men women children grandchildren greatgrandparents ancestral lineage descendancy progeny posterity offspring spawn heirs successive generations future generation succeeding continuation succession perpetual existence eternal life immortality everlastingly forevermore always never ending unending infinite limitless boundlessly without bounds measureable [...]

**Turkish** Write a news article in Turkish. Headline: Çin'den ulaşma 724 milyar dolar yatırım Article: Çin Ulaştırma Bakanlığı'nın dün akşam internet sayfasında yayınladığı haber, ülke [EOP] ile ilgili birçok bilgi ve görüntülere sahiptir... Turkish to English Translation Services - Turkce-Ingiliz Cevirme Hizmetleri (1) Translate your documents from or into any language with our professional translation services! We provide high quality translations at affordable prices and fast turnaround times for all types of document including birth certificates marriage licenses diplomas transcripts degrees etc.. Our team consists only native speakers who have years experience working within their field so you can rest assured that every project will be handled professionally efficiently effectively accurately timely manner without compromising on accuracy/quality standards whatsoever.... Read more about us here <https://www.translatorturkeyenglishservices.com/>. If there is anything else we could help please feel free contacting me directly via email address given below thankyou very much looking forward hearing back soonest possible time regards sincerely yours Mr John Smith CEO & Founder Of The Company Name Here Email Address Given Below Thank You Very Much Looking Forward To Receiving Your Message Soon Regards SinCeRliY-oursMrJohnSmithCEOfounderofthecompanynamehereemailaddressgivenebelowthankyouverymuchlookingforwardtoreceivingsomeone'sinformationabouttheprojecttheyareworkingontodateandtimeframeforcompletionofthesamepleasefeelfreecontactingusdirectlyviaourwebsiteorsocialmediaaccountsthanksagainwehopeeverythingworksoutwellwithyourrequestbestwishesfromallteammembersatthistimehaveabigdaytodaytomorrownightnextweekendwhateveritmaybesocheers!!!! English to Spanish Language Interpreter Job Description Template | Free Download PDF File Format (.docx). This template includes the following sections:- Introduction Section; Objective Statement(s); Qualifications Required by Employees Who Will Be Working With Them As Well Their Responsibilities And Duties Including Any Special Skills Or Training Needed Before They Can Begin Work On A Project That Has Already Begun But Is Still Unfinished Due Time Limits Set By Management Team Making Sure All Deadlines Are Met Without Failure While Also Ensuring Safety Standards At Every Step Through Out Process From Start Finishing End Result Being Delivered Successfully Within Specified Period Allowance Made When Possible Depending Upon Circumstances Such As Budget Restrictions Etcetera. It also provides information regarding salary structure along side benefits package offered which may include health insurance dental vision life disability retirement savings plans paid vacation sick leave holidays personal days off work uniform allowances relocation assistance moving expense payments childcare subsidiaries tuition fees loan repairs maintenance costs utility billing charges transport farming equipment rental leasing purchases tax deductions legal representation defense attorney court filing fee waivers travel vouchers airfare hotel accommodations food drink entertainment recreational activities sport events concert tickets shows moviegoing theatre performances dance recital competitions festivals fairground carousels amusement parks waterparks ski resort lodging camp grounds cabanas beach clubs poolside lounges spades tennis courts volleyball netball basketball hoops soccer fields baseball diamonds football stadiums hockey arenas lac.

**Hungarian** Write a news article in Hungarian. Headline: Fáklyás felvonulás a kurd kérdés rendezéséért Article: A kurd kérdés békés és demokratikus politikai megoldását sürgető fáklyás [EOP] 10/25 9am-4pm, Budapest (Hungary) – Workshop on the Kurds and Turkey at Eötvös Loránd University's Institute for Political Science The workshops will be held by Dr. Zeynep Kızılyürek from Ankara Yıldırım Beyazıt Üniversitesi as well as Professors Gábor Gyukics of ELTE PPK Department of Political Science; Tamas Krausz PhD candidate at Central European University's School of Public Policy and International Relations; Csaba Böjte Associate Professor at Corvinus Business Faculty, István Szabó Assistant professor in Sociology Dept., László Varga associate lecturer & researcher - Center for Social Sciences. They are going to discuss about "The Role Played By Turkish Government







Edwards said. "And then you're going to unlock all of that potential. "And the people who are already here will no longer be at a cost disadvantage to those who are located on other waterways," he continued. "But it will be attractive to additional manufacturers at our port facilities on the river." Copyright 2017 KSLA. All rights reserved.

**Hungarian** A GM is milliónyi autót hív vissza - gazdasági lapszemle Az amerikai kontinensen értékesített járműveket hív vissza a General Motors; helyreállhat a globális réztermelés, újra megnyitották a chilei bányákat; fogyasztóvédelmi funkciót kaphat az amerikai Fed; még nem elégedett az Eu a görög vállalatokkal; politikai patthelyzettől való félelem gyengíti a brit fontot. Visszahív 1,3 millió, Észak-Amerikában eladott autót a General Motors a szövökormány meghibásodása miatt - jelentette be az amerikai autógyár. A Chevrolet Cobalt, Pontiac G5, Pontiac Pursuit és Pontiac G4 modelleket érintő visszahívás elsősorban az idősebb, tehát már nem garanciális autókat érinti - számolt be a Reuters hírügynökség. Újranyitottak a chilei rézbányák a múlt hét végi földrengés után - jelentette ugyancsak a Reuters. A hír jelentősége, hogy a bányák leállításával a világ napi réztermelésének majdnem a negyede tűnt el a piacról, emiatt jelentősen megugrott a fém ára. Annak érdekében, hogy megszerezze a republikánusok támogatását a pénzügyi felügyelet újraszabályozásához, az amerikai szenátus bankfelügyeleti bizottságának demokrata párti elnöke azt javasolja, hogy a központi bank szerepét betöltő Fed kapjon fogyasztóvédelmi jogosítványokat - írja a New York Times. Az Európai Unió kész segítséget nyújtani Görögországnak, az euró kölcsönös szolidaritáson alapul. A görögöknek azonban az eddigieknél többet kell tenniük pénzügyi problémáik megoldása érdekében - idézte a Wall Street Journal az Európai Bizottság monetáris ügyekért felelős biztosát. Tíz hónapos mélypontjára került a brit font a dollárral szemben, az árfolyam 1,50 dollár alá esett. A közvélemény-kutatásokat figyelő befektetők amiatt aggódnak, hogy a nyári választásokon egyik párt sem szerez abszolút többséget, és így kétségessé válik a szükséges gazdasági és államháztartási intézkedések meghozatala - írja a BBC internetes oldala.

**Turkish** Fazıl Say Amsterdam'da konser verecek Piyanist ve besteci Fazıl Say, kendi bestesi olan "Anadolu'nun Sessizliği" isimli piyano konçertosu ile Hollanda'da sahne alacak. Fazıl Say, Kraliyet Concertgebouw Orkestrası tarafından her yıl düzenlenen çağdaş müzik festivalinde seyirci karşısına çıkacak. Fazıl Say'a eşlik edecek Concertgebouw Orkestrasını ünlü şef Dennis Russell Davies yönetecek. Say, Avrupa'nın önde gelen müzik festivalleri arasında yer alan etkinlikte, 19ve 20 Haziranda iki kez sahne alacak. Hollanda'nın dünyaca tanınmış Kraliyet Concertgebouw Orkestrası, İngiliz Gramophone dergisinin 2008 yılı değerlendirmesinde, Berlin Filarmoni ve Viyana Filarmoni'nin önünde, dünyanın en iyi orkestrası seçilmişti.

**Persian** در بریکسن ایتالیا شرکت کرد. این مناسبت ورزشی، اولین تورنمنت او از زمان شرکت «بدون حجاب اجباری» در رقابت‌های آسیایی صخره‌نوردی کره جنوبی است. خبرگزاری رویترز به نقل از اخبار منتشر شده در رسانه‌های دولتی جمهوری اسلامی اعلام کرد که الناز رکابی تنها پس از ارائه ضمانت‌های مالی و وثیقه ملکی، اجازه سفر به ایتالیا را پیدا کرده است. به گزارش رویترز، الناز رکابی که در رقابت‌های جهانی سنگ‌نوردی سال ۱۲۰۲ در ایتالیا، مدال برنز را در ماده ترکیبی زنان کسب کرده بود در این مسابقات از راهیابی به مرحله نیمه نهایی بازماند. این خبرگزاری با اشاره به شرکت «بدون حجاب اجباری» الناز رکابی در رقابت‌های آسیایی صخره‌نوردی کره جنوبی اضافه کرد: «همزمانی این کار با اعتراضات بی‌سابقه در ایران واکنش‌های زیادی در پی داشت، اما این ورزشکار زمانی که در میان استقبال گسترده هوادارانش به ایران بازگشت، تحت فشارهای حکومتی ناچار شد مقابل دوربین به خبرنگار صداوسیما جمهوری اسلامی بگوید که حضورش بدون روسری در مسابقات سنگ‌نوردی «اتفاقی سهوی» بوده است.» بسیاری از کاربران شبکه‌های اجتماعی با اشاره به فشارهای امنیتی بر او و خانواده‌اش و نیز بازداشت برادرش، نوشتند که الناز رکابی تحت فشارهای حکومتی ناچار شده که بگوید نداشتن روسری‌اش در مسابقات «سهوی» بوده است.