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	<div>authors</div> <div><ul style="list-style-type: none"><li>S. Dumitrescu</li><li>Petru Rebeja</li><li>BeȂta LĂ‘rincz</li><li>Mihaela GĂfman</li><li>M. Ilie</li><li>Andrei Pruteanu</li><li>Adriana Stan</li><li>Luciana Morogan</li><li>Traian Rebedea</li><li>Sebastian Ruder</li></ul></div> <div><div>title</div><div>LiRo: Benchmark and leaderboard for Romanian language tasks</div></div> <div><div>publication_date</div><div>None</div></div> <div><div>source</div><div>SupportedSources.SEMANTIC_SCHOLAR</div></div> <div><div>journal</div><div></div></div> <div><div>volume</div><div></div></div> <div><div>doi</div><div></div></div> <div><div>urls</div><div><ul style="list-style-type: none"><li>https://www.semanticscholar.org/paper/6e0288f8e241a504853a580742c38c1701a40287</li></ul></div></div> <div><div>id</div><div>id-471842954743836014</div></div> <div><div>abstract</div><div>Recent advances in NLP have been sustained by the availability of large amounts of 1 data and standardized benchmarks, which are not available for many languages. As 2 a small step towards addressing this, we propose LiRo, a platform for benchmarking 3 models on the Romanian language on nine standard tasks: text classification, 4 named entity recognition, machine translation, sentiment analysis, POS tagging, 5 dependency parsing, language modelling, question-answering, and semantic textual 6 similarity. We also include a less standard task of Romanian embeddings debiasing, 7 to address the growing concerns related to gender bias in language models. The 8 platform exposes per-task leaderboards populated with baseline results for each 9 task. In addition, we create three new datasets: one from Romanian Wikipedia 10 and two by translating the Semantic Textual Similarity (STS) benchmark and 11 the Cross-lingual Question Answering Dataset (XQuAD) into Romanian. We 12 believe LiRo will not only add to the growing body of benchmarks covering various 13 languages, but can also enable multi-lingual research by augmenting parallel 14 corpora, and hence is of interest for the wider NLP community. LiRo is available at 15 https://lirobenchmark.github.io/ 16</div></div> <div><div>versions</div><div></div></div>	<div>authors</div> <div><ul style="list-style-type: none"><li>S. Dumitrescu</li><li>Petru Rebeja</li><li>BeȂta LĂ‘rincz</li><li>Mihaela GĂfman</li><li>Andrei-Marius Avram</li><li>M. Ilie</li><li>Andrei Pruteanu</li><li>Adriana Stan</li><li>Lorena Rosia</li><li>Cristina Iacobescu</li><li>Luciana Morogan</li><li>George-Andrei Dima</li><li>Gabriel Marchidan</li><li>Traian Rebedea</li><li>MĂfdĂflina Chitez</li><li>Dani Yogatama</li><li>Sebastian Ruder</li><li>Radu Tudor Ionescu</li><li>Razvan Pascanu</li><li>Viorica Patraucean</li></ul></div> <div><div>title</div><div>LiRo: Benchmark and leaderboard for Romanian language tasks</div></div> <div><div>publication_date</div><div>None</div></div> <div><div>source</div><div>SupportedSources.SEMANTIC_SCHOLAR</div></div> <div><div>journal</div><div></div></div> <div><div>volume</div><div></div></div> <div><div>doi</div><div></div></div> <div><div>urls</div><div><ul style="list-style-type: none"><li>https://www.semanticscholar.org/paper/2f58780a05856661dd3f4faee7450ba278bd7e93</li></ul></div></div> <div><div>id</div><div>id-4231543455127122927</div></div> <div><div>abstract</div><div>Recent advances in NLP have been sustained by the availability of large amounts of data and standardized benchmarks, which are not available for many languages. As a small step towards addressing this, we propose LiRo, a platform for benchmarking models on the Romanian language on nine standard tasks: text classification, named entity recognition, machine translation, sentiment analysis, POS tagging, dependency parsing, language modelling, question-answering, and semantic textual similarity. We also include a less standard task of Romanian embeddings debiasing, to address the growing concerns related to gender bias in language models. The platform exposes per-task leaderboards populated with baseline results for each task. In addition, we create three new datasets: one from Romanian Wikipedia and two by translating the Semantic Textual Similarity (STS) benchmark and the Cross-lingual Question Answering Dataset (XQuAD) into Romanian. We believe LiRo will not only add to the growing body of benchmarks covering various languages, but can also enable multi-lingual research by augmenting parallel corpora, and hence is of interest for the wider NLP community. LiRo is available at https://lirobenchmark.github.io/</div></div> <div><div>versions</div><div></div></div>	DUPLICATES	380		