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[Submitted on 2 May 2022 ([v1](https://arxiv.org/abs/2205.01068v1)), revised 5

May 2022 (this version, v3), _latest version 21 Jun 2022_

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Title:OPT: Open Pre-trained Transformer Language Models

Authors:[Susan

Zhang](https://arxiv.org/search/cs?searchtype=author&query=Zhang,+S), [Stephen

Roller](https://arxiv.org/search/cs?searchtype=author&query=Roller,+S), [Naman

Goyal](https://arxiv.org/search/cs?searchtype=author&query=Goyal,+N), [Mikel

Artetxe](<https://arxiv.org/search/cs?searchtype=author&query=Artetxe,+M>),

[Moya Chen](<https://arxiv.org/search/cs?searchtype=author&query=Chen,+M>),

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[Christopher

Dewan](<https://arxiv.org/search/cs?searchtype=author&query=Dewan,+C>), [Mona

Diab](<https://arxiv.org/search/cs?searchtype=author&query=Diab,+M>), [Xian

Li](<https://arxiv.org/search/cs?searchtype=author&query=Li,+X>), [Xi Victoria

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Zettlemoyer](<https://arxiv.org/search/cs?searchtype=author&query=Zettlemoyer,+L>)

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Models, by Susan Zhang and 18 other authors

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> thousands of compute days, have shown remarkable capabilities for zero- and
> few-shot learning. Given their computational cost, these models are
> difficult to replicate without significant capital. For the few that are
> available through APIs, no access is granted to the full model weights,
> making them difficult to study. We present Open Pre-trained Transformers
> (OPT), a suite of decoder-only pre-trained transformers ranging from 125M to
> 175B parameters, which we aim to fully and responsibly share with interested
> researchers. We show that OPT-175B is comparable to GPT-3, while requiring
> only 1/7th the carbon footprint to develop. We are also releasing our
> logbook detailing the infrastructure challenges we faced, along with code
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Subjects: | Computation and Language (cs.CL); Machine Learning (cs.LG)

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[v3] Thu, 5 May 2022 11:44:30 UTC (7,822 KB)


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