



MODEL OPENNESS FRAMEWORK

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Addressing the challenges in open AI

Challenges:

A lot of “open-washing”, lack of transparency, illegally converted licenses, inappropriate type of license, etc.

The **Model Openness Framework (MOF)**:

A way to evaluate models based on their completeness and openness following open science principles.

MOF Completeness: 17 Components



MOF Openness: Only Open Licenses accepted

- **Every component MUST have an *open license*:**
a license allowing unrestricted usage, study, modification, and redistribution for any purpose.
- **Every component SHOULD have a *type-appropriate open license*:**
an open license that is appropriate for the type of component it is covering: **code, data, or documentation**.
- **Examples:**
Code: Apache 2.0, Data: CDLA-Permissive 2.0, Doc: CC-BY 4.0

MOF Classes

<u>MOF Class</u>	<u>Components Included</u>	<u>Usage</u>
Class III – Open Model	<ul style="list-style-type: none"> • Model Architecture • Final Model Parameters • Technical Report or Research Paper • Evaluation Results • Model Card • Data Card • Sample Model Outputs (optional) 	<ul style="list-style-type: none"> • Unrestricted usage (access, use, modify, redistribute) • Create a product or service • Fine tune and align • Model optimizations
Class II – Open Tooling Model	<ul style="list-style-type: none"> • All Class III Components • Training Code • Inference Code • Evaluation Code • Evaluation Data • Supporting Libraries & Tools (optional) 	<ul style="list-style-type: none"> • Understand training process • Validate benchmark claims • Inference optimizations
Class I – Open Science Model	<ul style="list-style-type: none"> • All Class II & III Components • Research Paper • Datasets • Data Preprocessing Code • Intermediate Model Parameters • Model Metadata (optional) 	<ul style="list-style-type: none"> • End to end analysis and auditing • Reproduction of a similar model • Data exploration and experimentation

Get Involved

Model Openness
Framework (MOF)



Model Openness
Tool (MOT)

<https://isitopen.ai>



Generative AI
Open Strategies
Survey



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Thank you