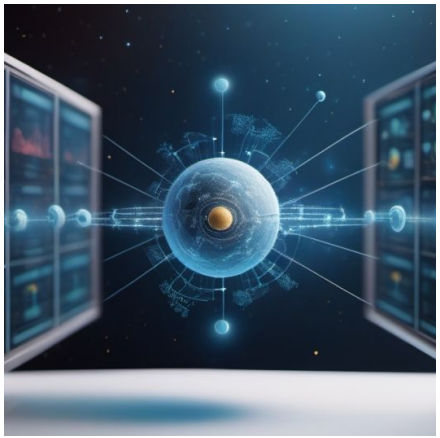
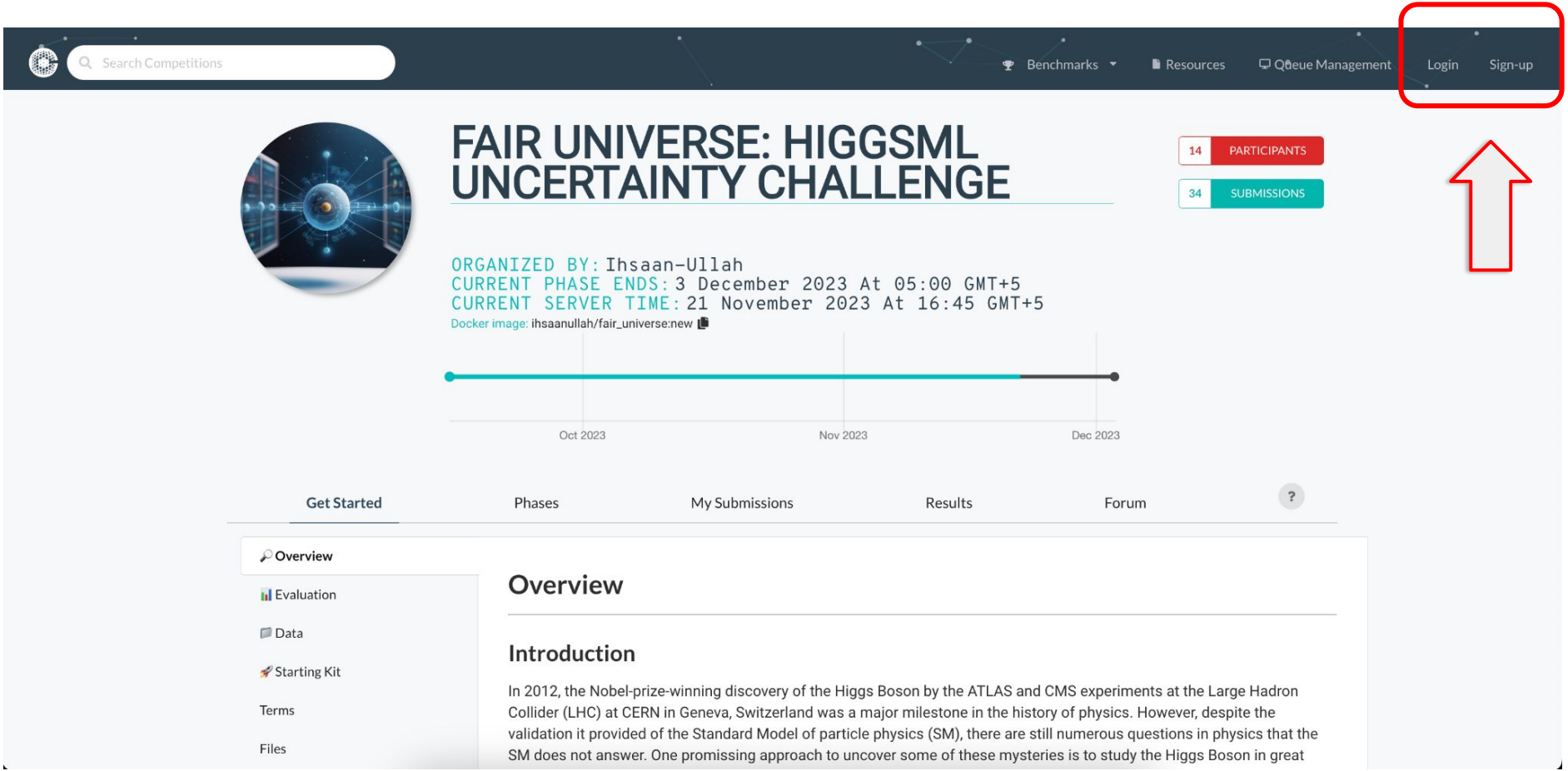


Fair Universe

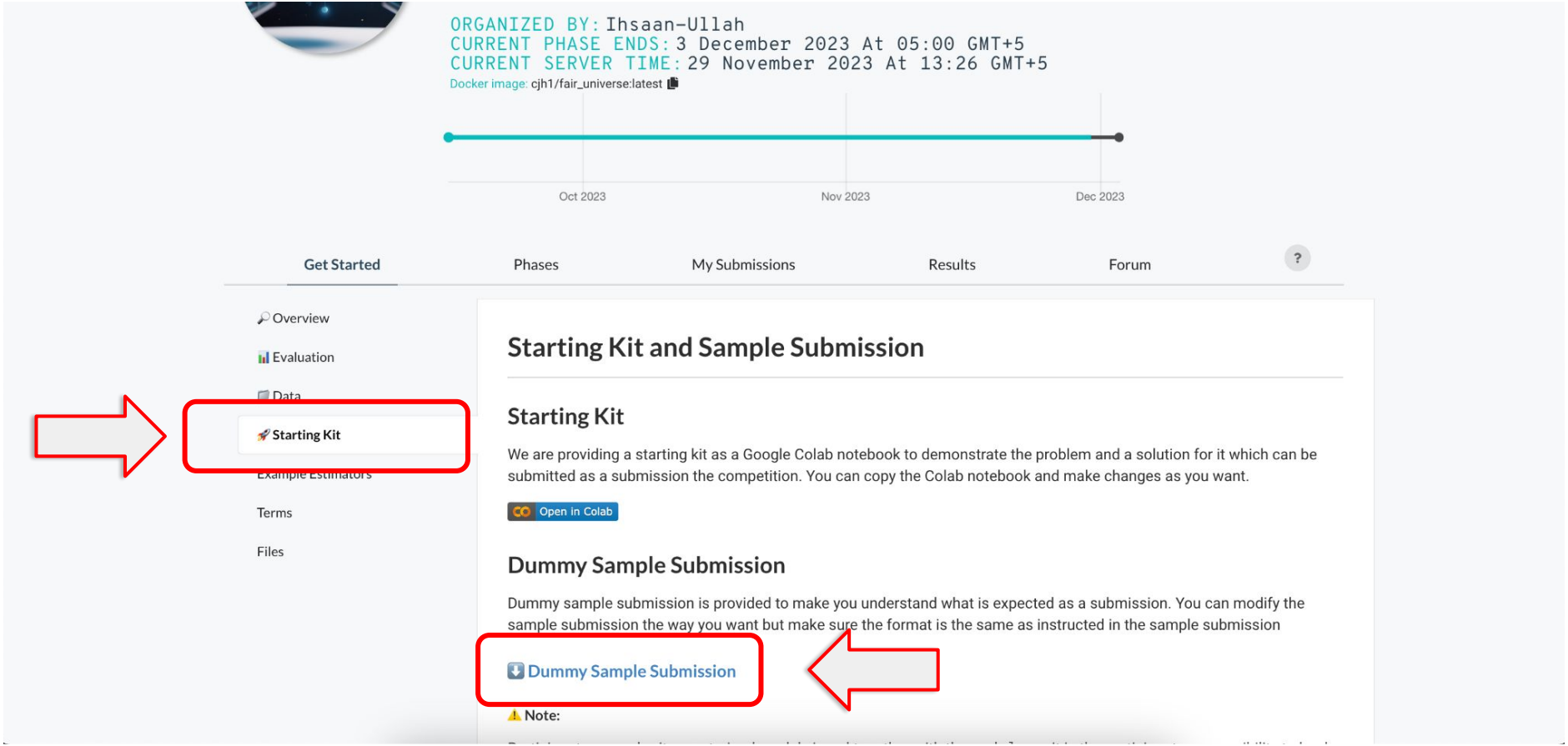
HiggsML Uncertainty Challenge

Codabench Tutorial

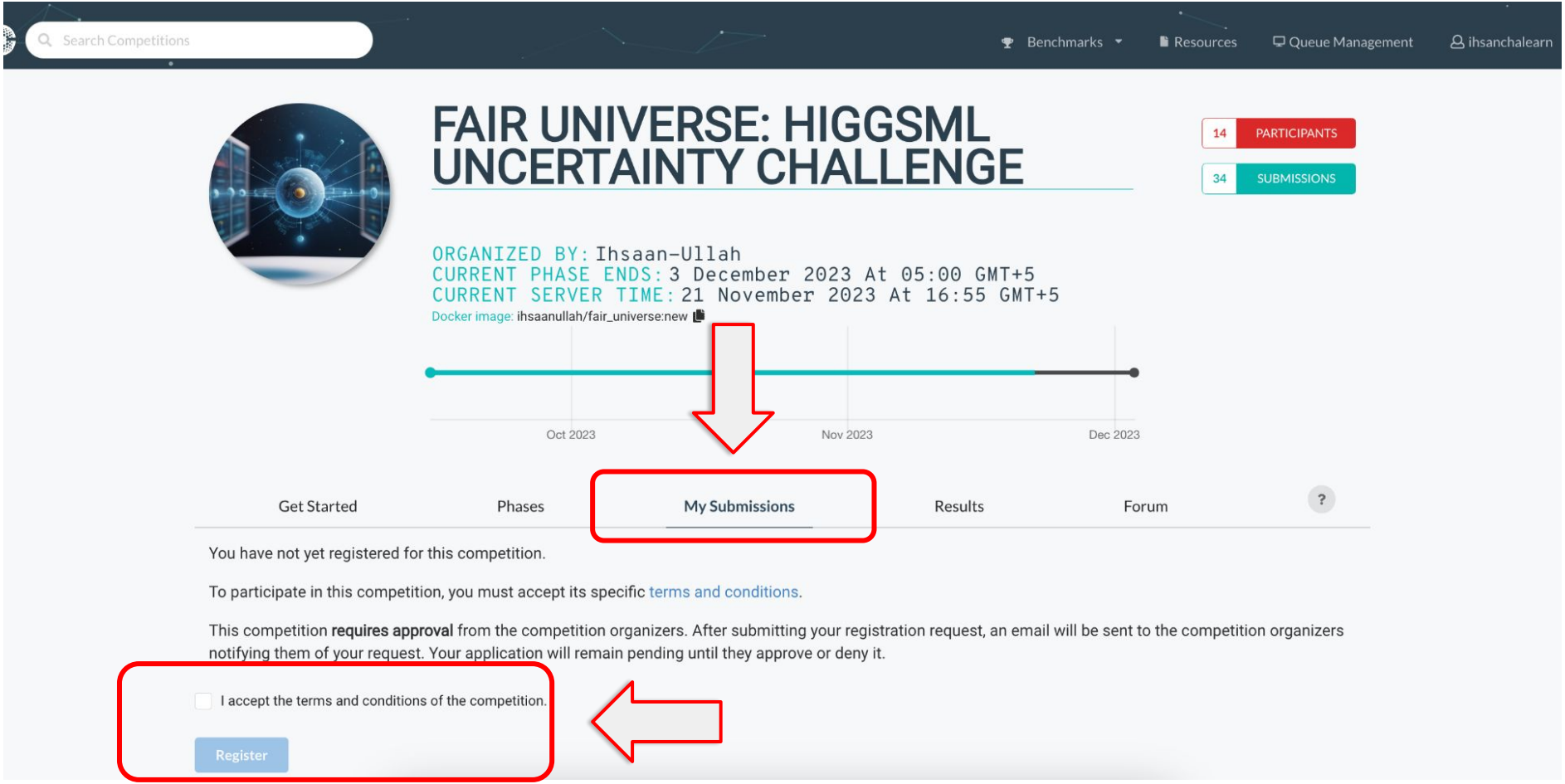
1. Login or Create Account on Codabench



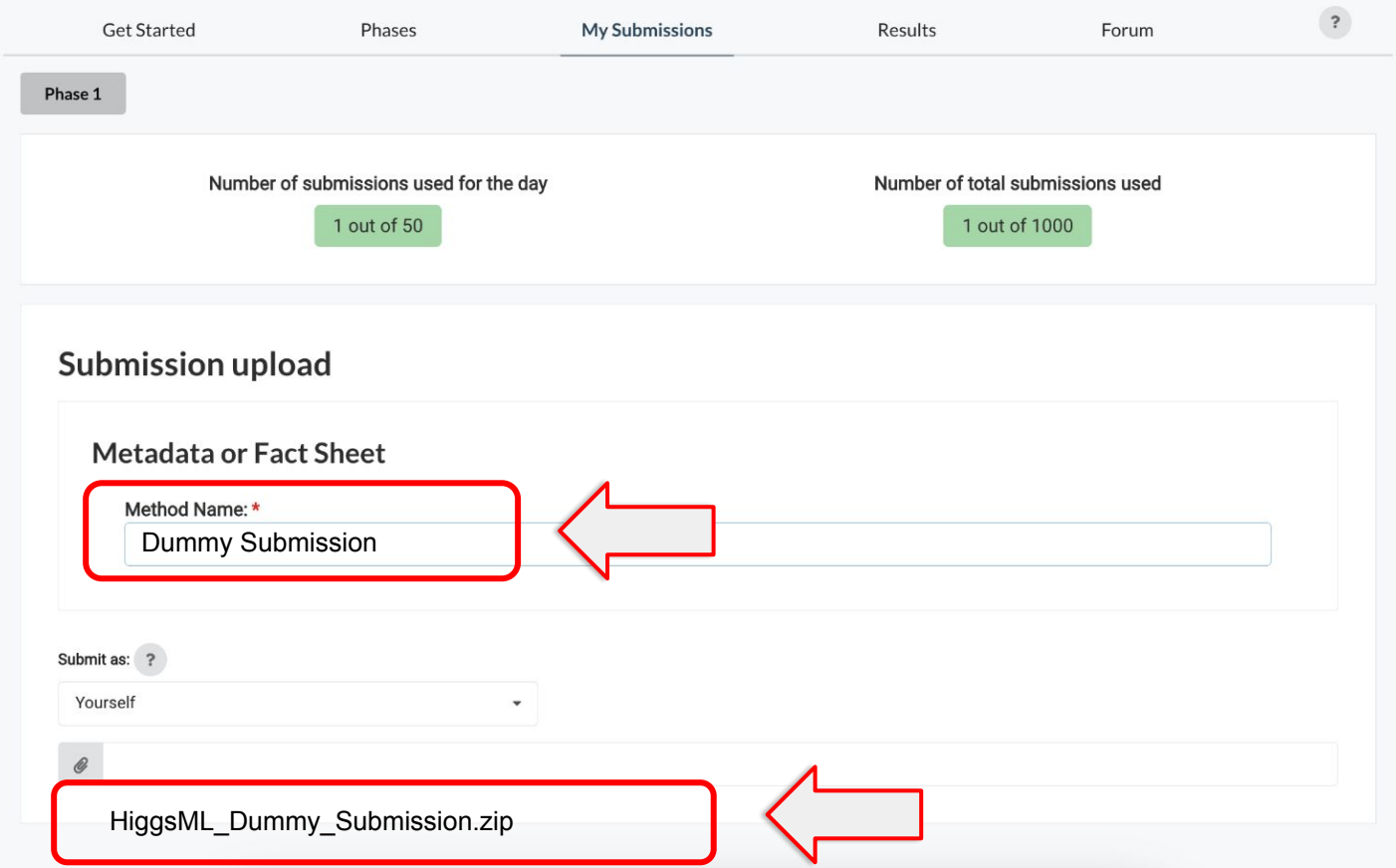
2. Download Dummy Submission



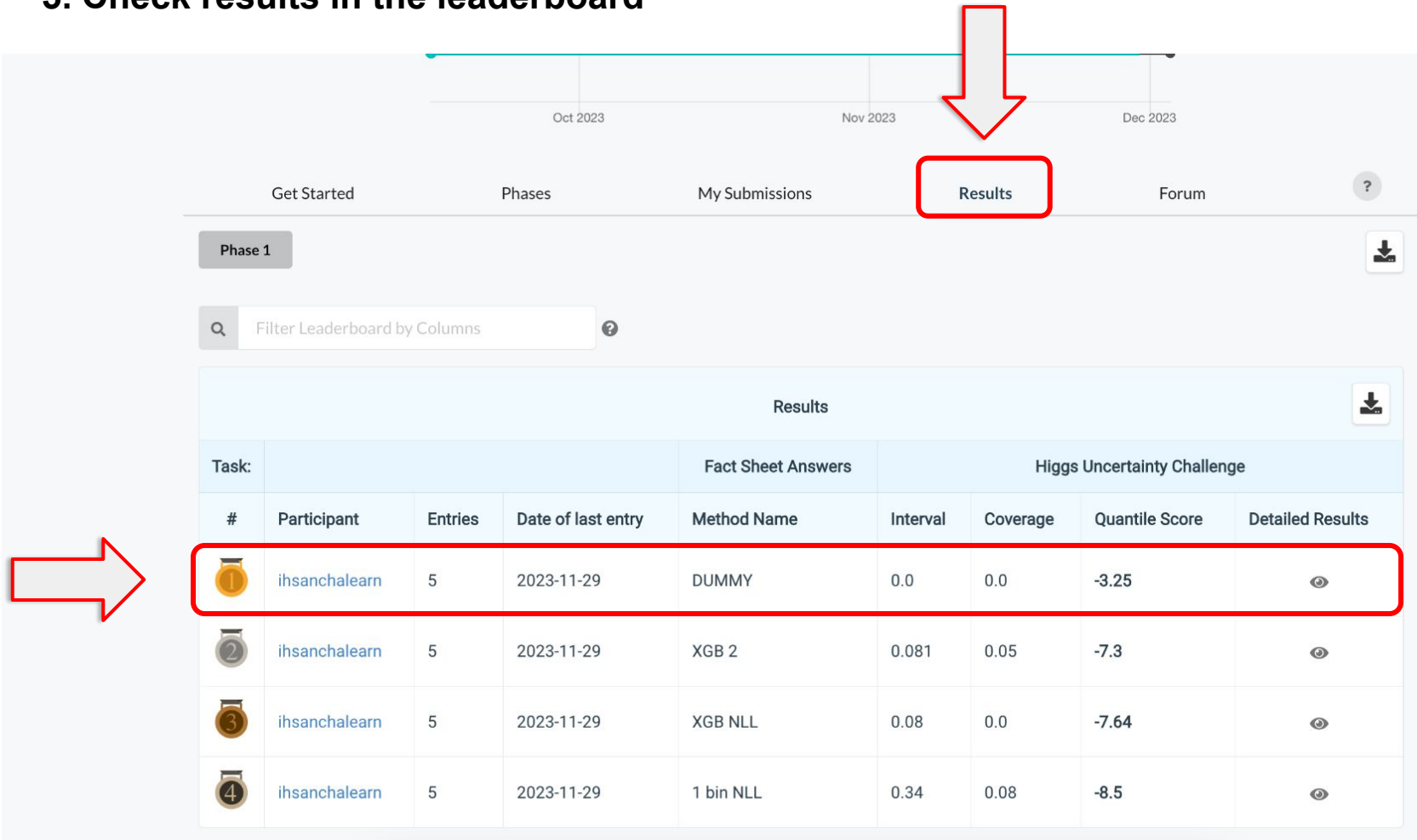
3. Register in the Competition



4. Submit Dummy Submission

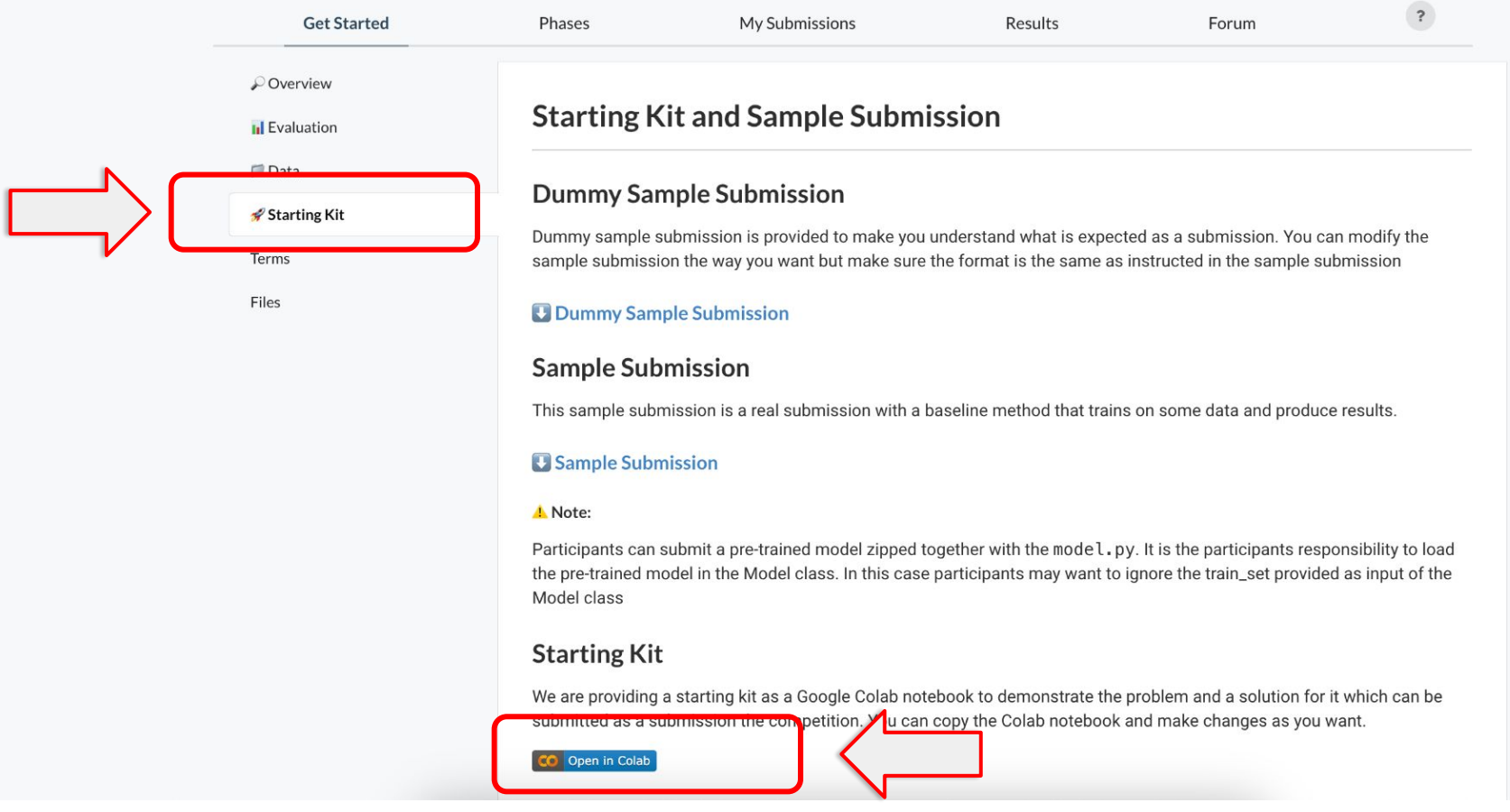


5. Check results in the leaderboard

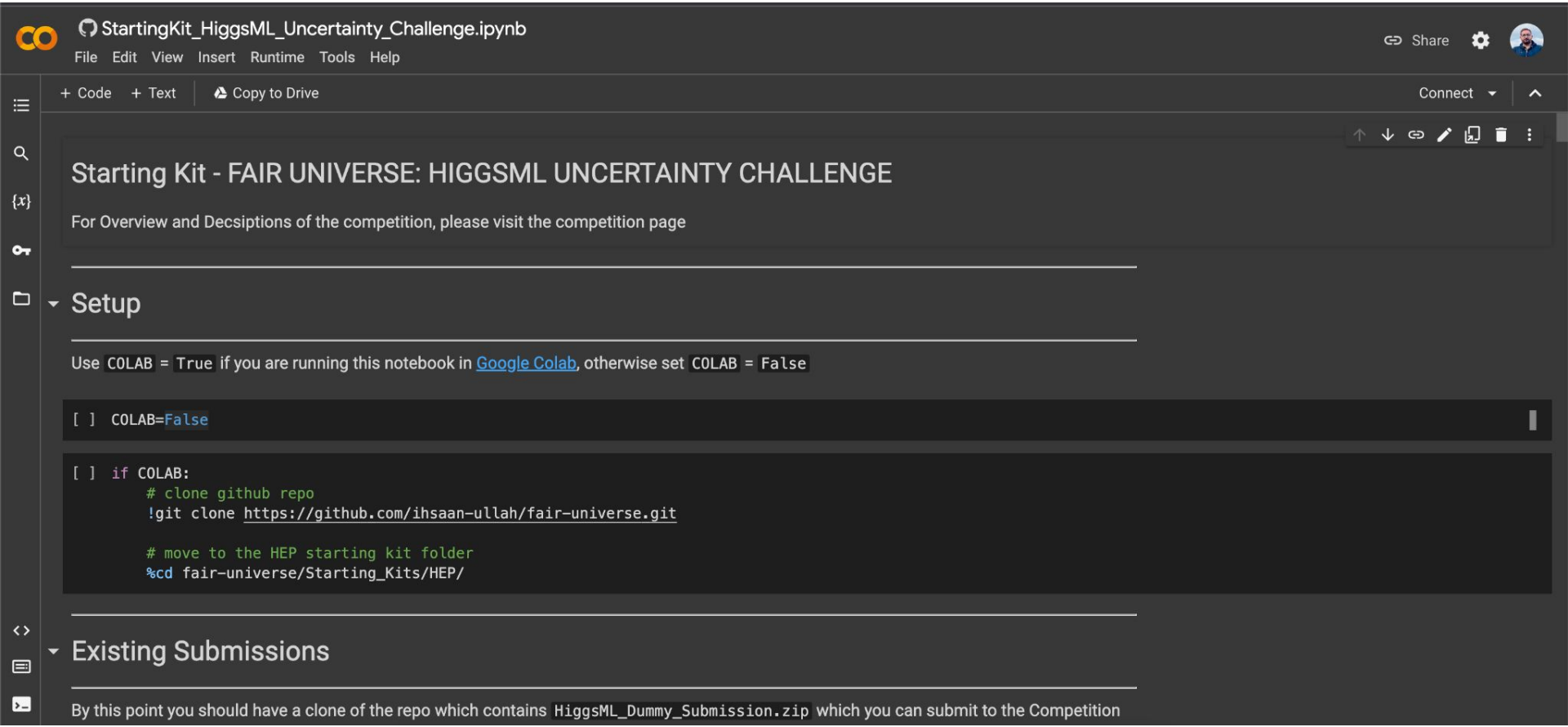


Task:				Fact Sheet Answers	Higgs Uncertainty Challenge			
#	Participant	Entries	Date of last entry	Method Name	Interval	Coverage	Quantile Score	Detailed Results
1	ihsanchalearn	5	2023-11-29	DUMMY	0.0	0.0	-3.25	
2	ihsanchalearn	5	2023-11-29	XGB 2	0.081	0.05	-7.3	
3	ihsanchalearn	5	2023-11-29	XGB NLL	0.08	0.0	-7.64	
4	ihsanchalearn	5	2023-11-29	1 bin NLL	0.34	0.08	-8.5	

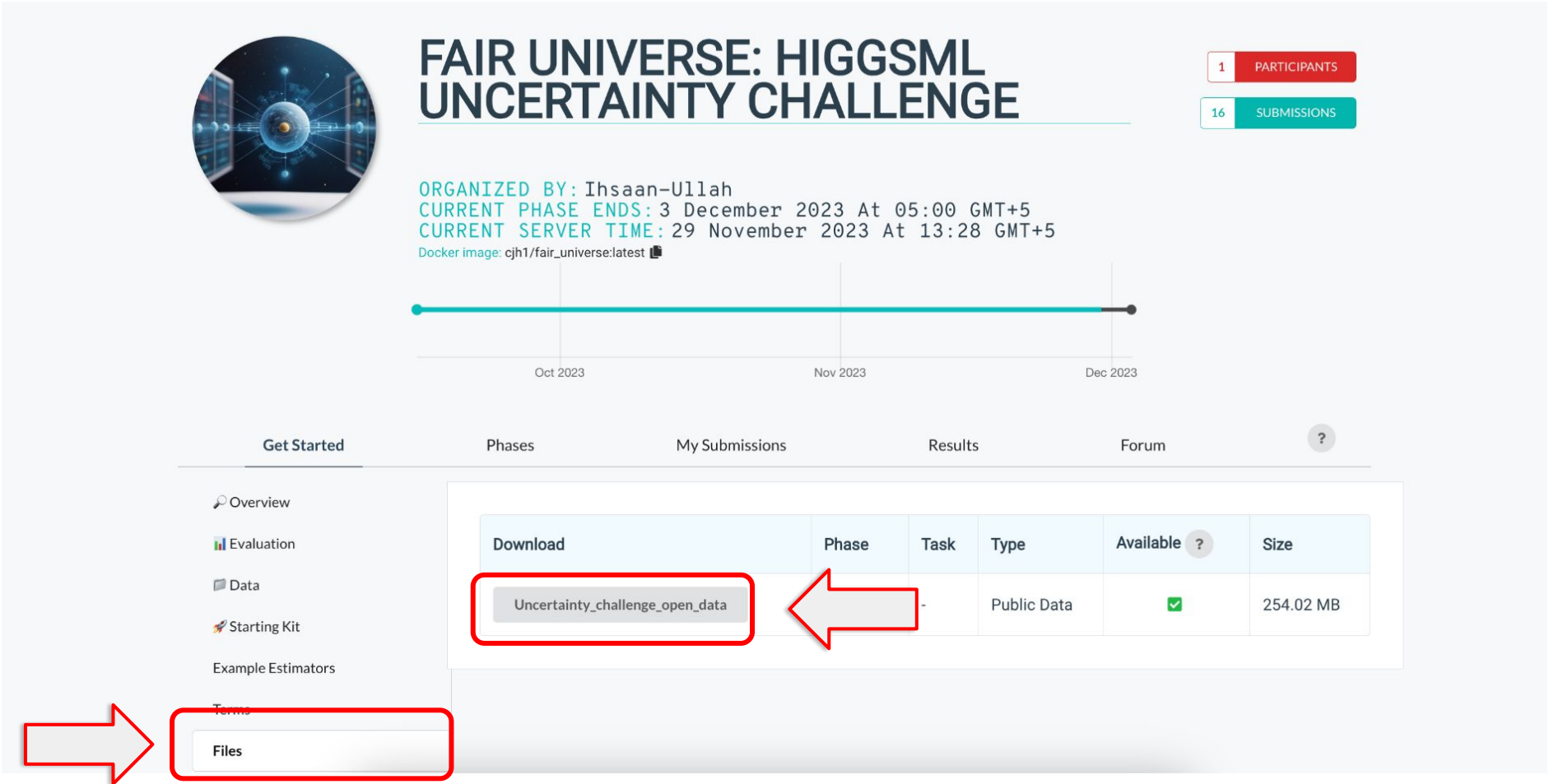
6. Check out the starting kit



7. Starting kit as a Google Colab Notebook

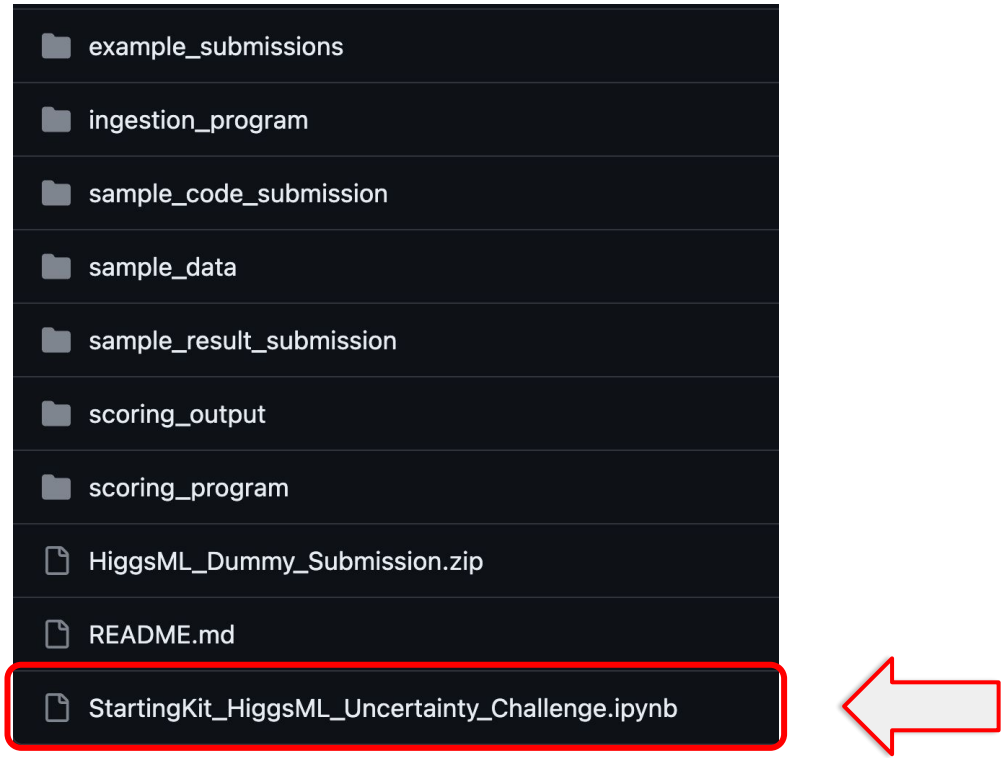


8. Get Public Data



9. Access Starting Kit Notebook on Github

https://github.com/ihsaan-ullah/fair-universe/tree/master/Starting_Kits/HEP



10. Checkout example submissions

https://github.com/ihsaan-ullah/fair-universe/tree/master/Starting_Kits/HEP/example_submissions

11. Code submission structure

- File name: `mode.py`
- Class name: `Model`
- Required functions
  - `__init__`
    - train_set
    - systematics
  - `fit`
    - No params
  - `predict`
    - test_set