

Pyhf to Combine Converter

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About myself



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Applied Mathematics



Computer Science

My project

◆ Description:

- ◆ Statistical model specifications for HistFactory (ATLAS) and Combine (CMS)
- ◆ Similar goals/tests for both models
- ◆ Pyhf more “lightweight,” Combine more “open world”
- ◆ Different structures, implementations
- ◆ How to convert models to take advantage of nuances?

◆ Goals:

- ◆ Write program to convert bidirectionally between models
- ◆ Determine differences/inaccuracies and their cause
- ◆ Polish the script for open use on GitHub