

2x2 Chicago Meeting

April 15, 2024

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2x2 Paper Update

Link to Overleaf Draft:

<https://www.overleaf.com/6419191385gzxrjygksbcb#1adc5e>

- No updates since last time

Any and all comments welcome in the draft above!

Comments on Analysis Tech Notes + 2x2 Paper

- Many people working on early analyses are starting to write up tech notes
- **How can we coordinate so Angela and analysis groups are not duplicating efforts?**

Updates on Access to 2x2

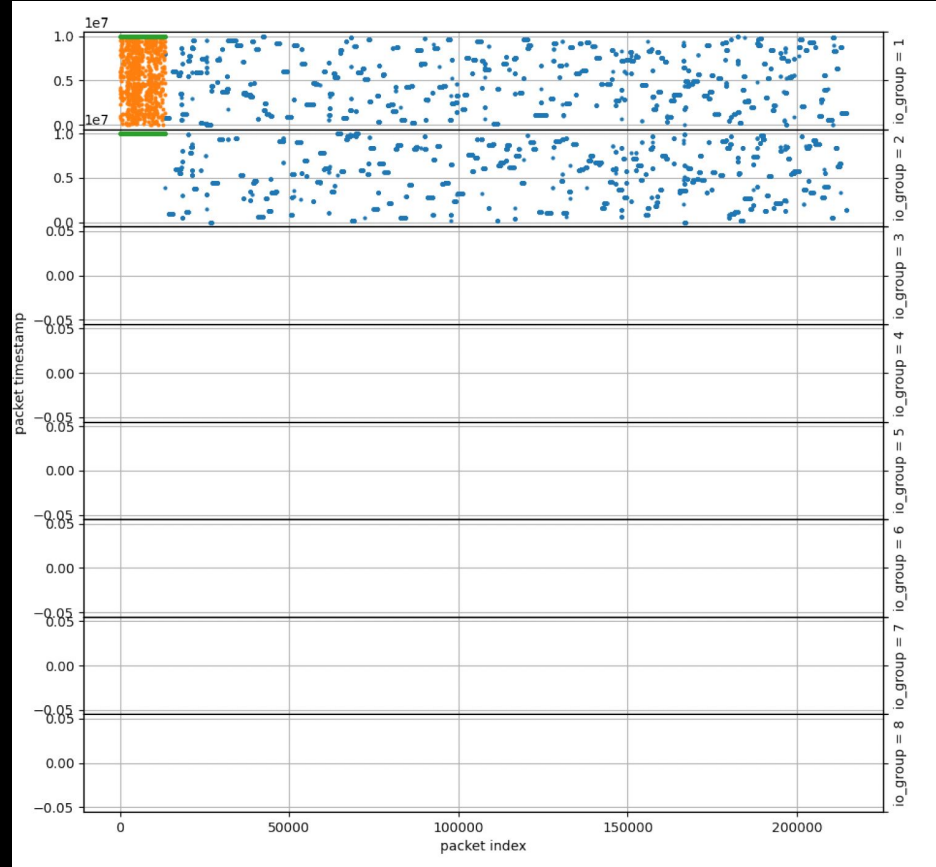
- As far as we know, there is **still no access** to the MINOS underground area
- Multiple avenues of access are being pursued concurrently
- ... hopefully we get some sort of access this week?
- Also unclear how long NuMI will remain running

Updates on ML Reco Benchmarking Studies

- Trying to get higher statistics in plots I have previously shown
- **Waiting for ML Reco experts to help with full event display** for backtracking from “weird features in plots”
- Plan to further formalize/add to these studies for **ND Prototypes Analysis Workshop next week (Wed - Fri)**

Updates on Single Module Cosmics Simulation

- Can run through full analysis chain
- Currently looking into bugs in detector simulation related to assumptions of beam spill timing structure



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