Miami talk questions

1. **NOvA seems to prefer $\delta_C P = \pi/2$, isn't this in contrast to what T2K sees?**

- Gave the standard answer that the significance is low and we are pretty flat across all values of δ_{CP} and so consistent with T2K.

2. **What is our sensitivity to the absolute ν mass?**

- With an oscillation experiment you only have sensitivity to the mass splitting, not to the absolute mass scale.

3. **How do you have sensitivity to Δm^2?**

- Features in both ν_μ survival probability and ν_e appearance probability, so we can vary its value when we fit to our FD data.
- We also get sensitivity to hierarchy through the different effects between ν_μ and $\bar{\nu}_\mu$ beam (see: bi-event animations.).

4. **Limits from cosmology are pushing down on limit on $\Sigma_i \nu_i \sim 120$ meV. Does this have (or will it have) an impact on our fits/sensitivity?**

- Answered at the time that I think we don't include this as any constraint in the fit. From our best-fit Δm^2 we are still fully consistent $\Sigma_i \nu_i \sim 120$ meV.
- We discussed some more in the coffee break and he sent me a link to the latest Planck results.

5. **What is the efficiency of CVN?**

- Forgot to include CVN heatmaps in backups and couldn't remember off-hand. Followed up in the break.