

# Sensitivity for DAEδDALUS and Hyper-K

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# Correlation for delta\_cp and sin22theta13

- Changes to .glb file:
  - Low-pass filter turned on, value of .5 (to limit high phase differences [positive effect on  $\chi^2$ ])
  - energy resolution changed to #inverse\_beta from standard, no noticeable effects
- Results:  $\chi^2$  values from .6 to 1.4,  $\sin 2\theta_{13}$  increases sinusoidally as  $\delta_{CP}$  decreases.

# What's next

- Sensitivity files with LBNE .c base, which will hopefully be successful, and easier to do, with a better understanding of GloBES.