Future Neutrino Oscillation Parameter Sensitivities for T2K and NO\textit{\textalpha}A MATTHEW BASS, DANIEL CHERDACK, ROBERT WILSON, Colorado State University, T2K COLLABORATION — Long-baseline neutrino experiments have the ability to measure the parameters of the mixing matrix that describes neutrino oscillations. Projecting the sensitivity of current and future experiments to these parameters plays a critical role in planning the next generation of experiments. After a brief introduction neutrino oscillations preliminary future sensitivity projections from a combined analysis for the Tokai to Kamioka (T2K) and NuMI Off-Axis Electron-neutrino Appearance (NO\textit{\textalpha}A) experiments will be discussed with particular emphasis on the methods used and the ability of these experiments to constrain the oscillation parameters, detect Charge-Parity (CP) violation, and determine the neutrino mass hierarchy.

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