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Updated MiniBooNE Results with the Complete Dataset[1] NICK KAMP, Massachusetts Institute of Technology MIT, MINIBOONE COLLABORATION — The MiniBooNE collaboration has recently updated their neutrino oscillation results to incorporate the complete dataset for the experiment, corresponding to 18.75 (11.27) $\times$ 10^{20} protons-on-target in neutrino (antineutrino) mode. An excess of electron-like events is observed at a significance of 4.8σ. The larger sample size allows for a number of new studies to be performed regarding the excess, exploring, for example, outgoing lepton energy-scattering angle correlations, beam timing distributions, and event radial distributions. The timing and radial distributions specifically disfavor excess interpretations that rely on photons either entering or exiting the detector volume. This talk will present these new studies in detail.

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