

# Kaon-LT Analysis Update (Latest Full Replay)

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# Latest Changes

- New Error Calculation for all efficiencies (Binomial)

$$Error = \sqrt{\frac{N_s \cdot N_d - N_d^2}{N_s^3}}$$

- Corrected TLT (EDTM LiveTime)
  - Current threshold correction
  - Recommended by Dave G.
- Minor updates to SHMS tracking file (See comparison luminosity plots from few weeks ago)
  - Also compared with Peter B.