

S5 Stochastic Online Analysis

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Things you will hear today

Why online?

What has the stochastic group gained by going online?

What else do we need to do to obtain publishable S5 result?



Motivations (Why)

Preparedness



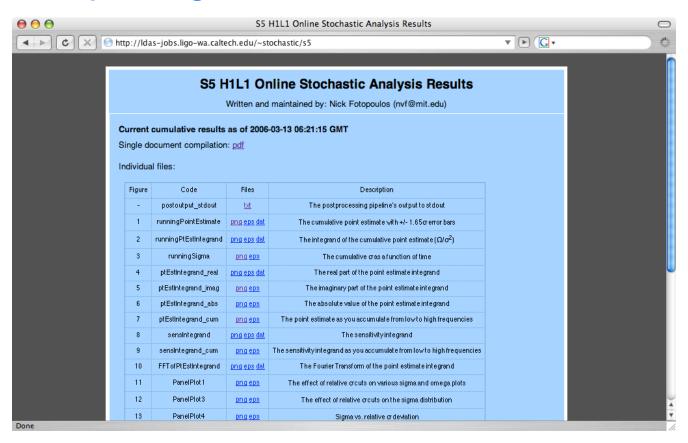
Fear





Knowledge of Our Data (What)

http://ldas-jobs.ligo-wa.caltech.edu/~stochastic/s5





Knowledge of Our Code (What)

- Postprocessing woes
 - » Computation bottleneck
 - » Memory bottleneck
- Minor problems in new code
- Matlab woes
 - » Matlab in general
 - » Matlab R14SP2 --> R14SP3



Publishing S5 (What else)

- Online pipeline currently lacks:
 - » Data quality cuts
 - » Future calibration
- We still need to investigate:
 - » Glitches & Sigmas
 - » Large shifts in the point estimate on fewday time-scales
 - » Stationarity cuts



Snapshot

