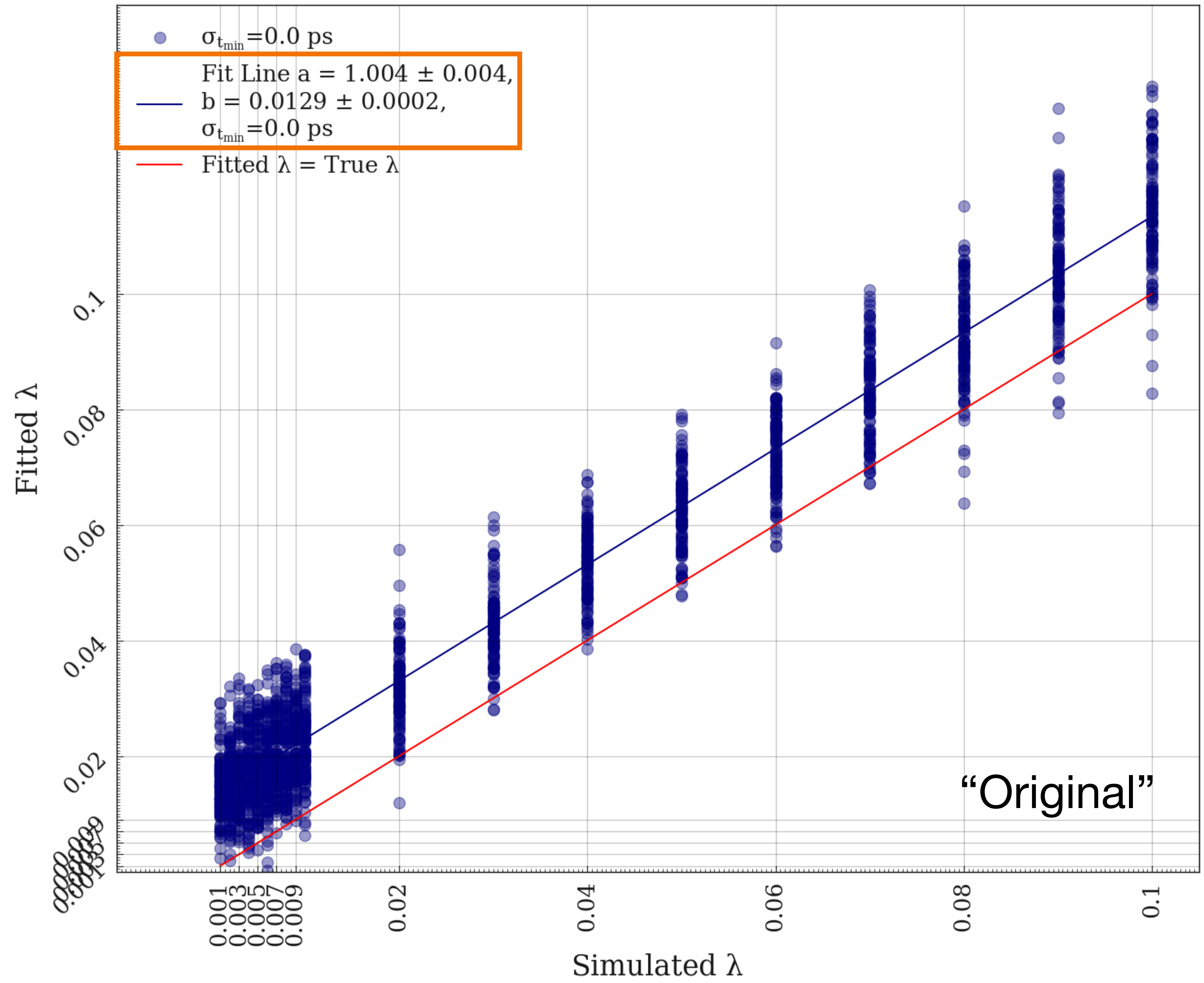




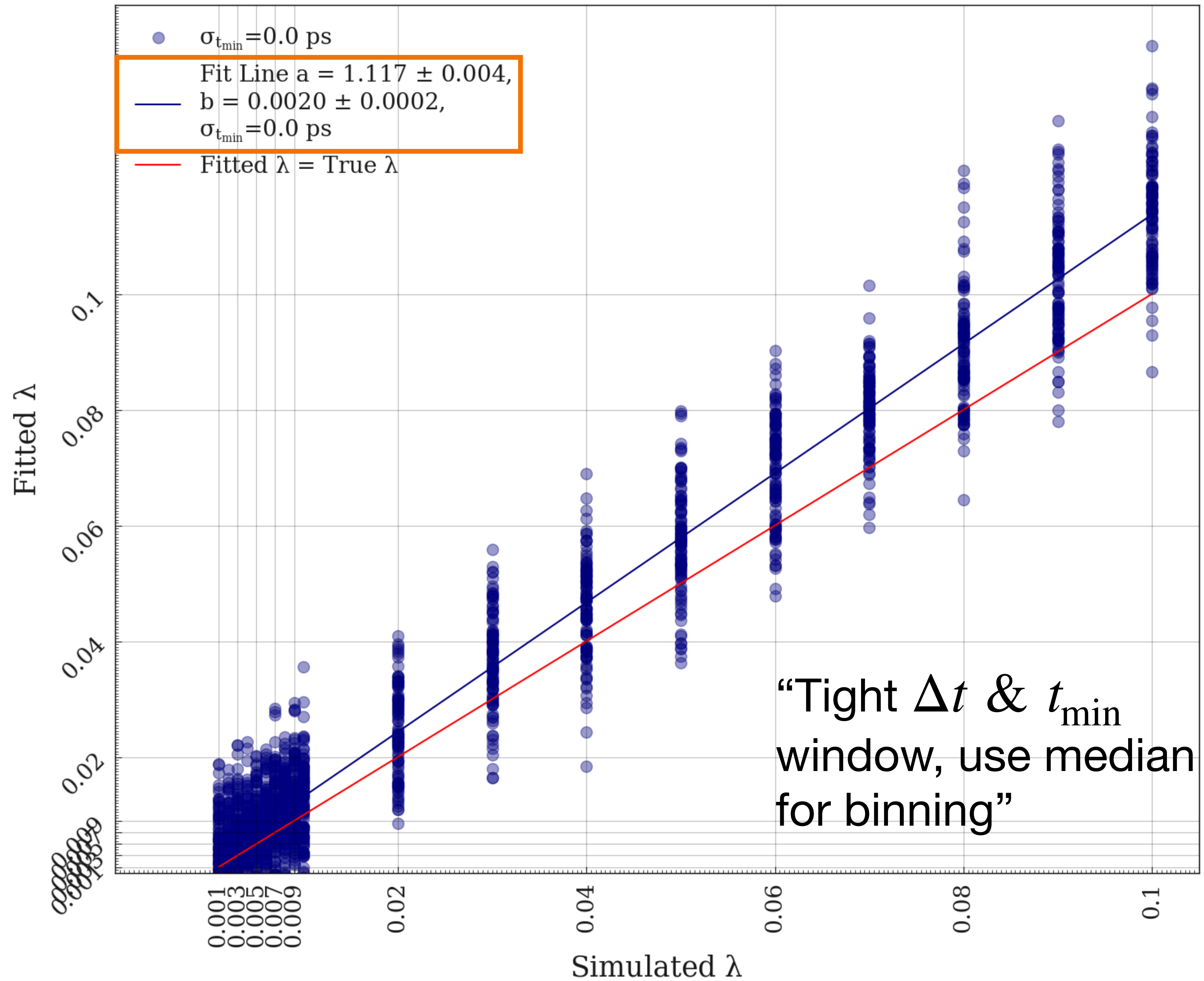
N=10000, dtBins=15, tminBins=3



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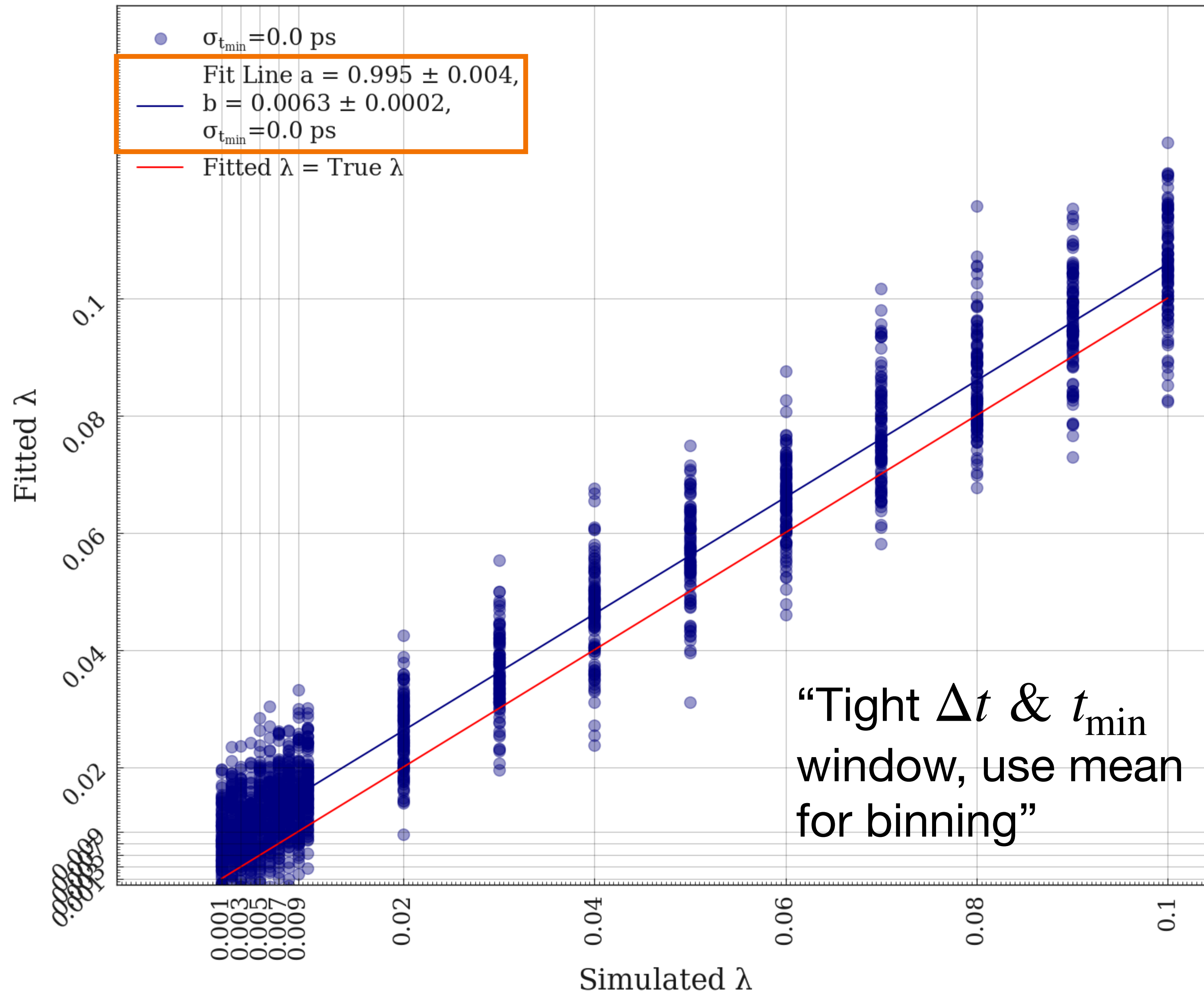
N=10000, dtBins=15, tminBins=3



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N=10000, dtBins=15, tminBins=3



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$B2D^* \ln u \rightarrow 0.049$

$D^* 2D\pi^0 \rightarrow 0.677$

1) $D2K+\pi^- \rightarrow .03947$ or 2) $D2K+\pi^-\pi^0 \rightarrow 0.144$ or 3) $D2K+\pi^+\pi^- \rightarrow 0.0280$

Run1 data set $\rightarrow 0.5\text{ab}^{-1}$

$\text{BBbar XSection} \rightarrow 0.5346 \text{ nb} \sim 0.5346\text{e9 ab}$

Expected Number of events (no tagging efficiency):

1) 615379.71

2) 2553737.916

3) 496560.00

With hadronic tagging efficiency (~ 0.001): Number taken from conference talk 2022

1) 615.38

2) 2553.74

3) 496.56

With semileptonic tagging efficiency (~ 0.01): Number taken from conference talk 2022

1) 6153.8

2) 25537.4

3) 4965.6

With reconstruction efficiency of electron (muon) channel, 92% (84%), semileptonic :
(Number taken from Go paper to get an estimate)

1) 5661.496 (5169.192)

2) 23494.408 (21451.416)

3) 4568.352 (4171.104)



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