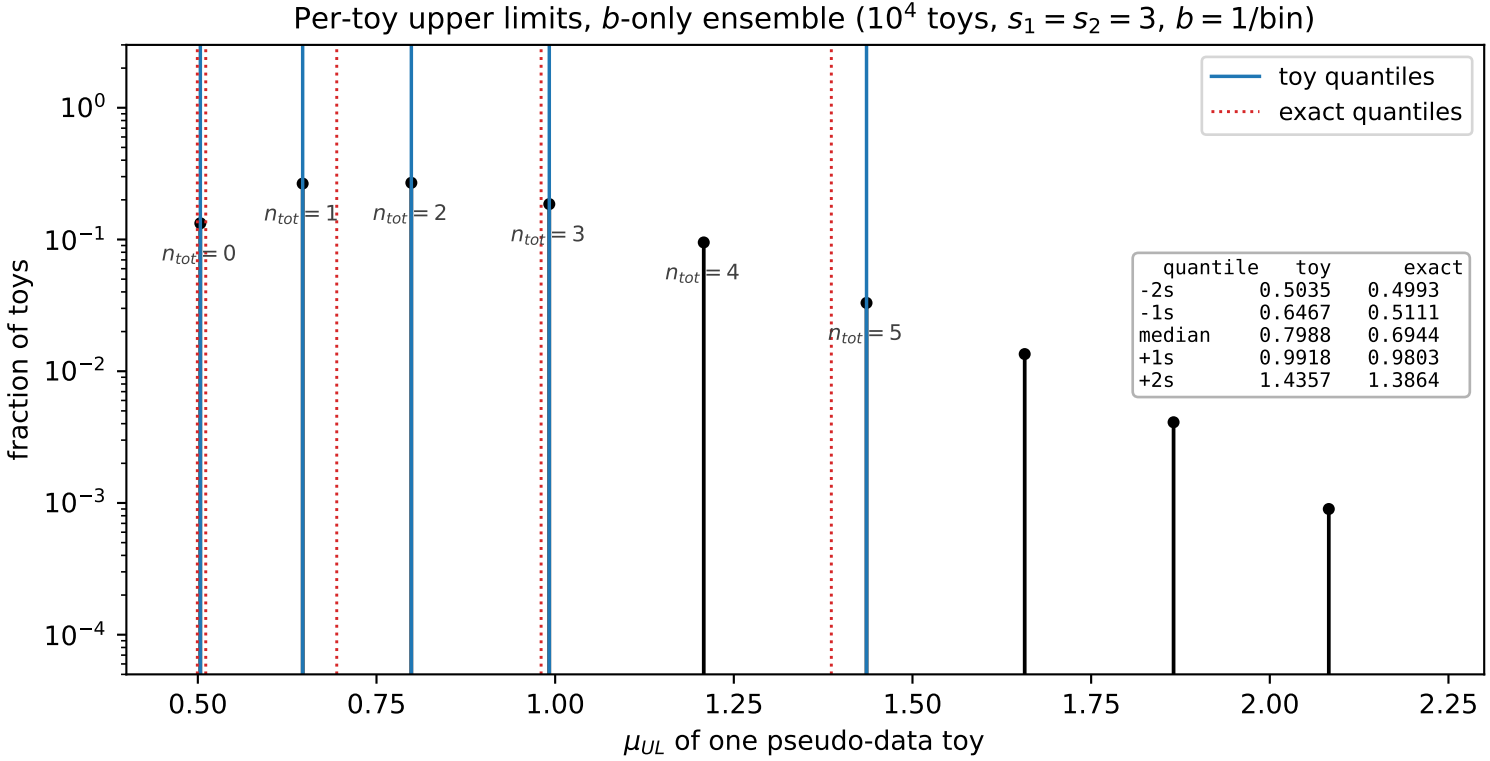

Per-toy upper limits, b-only ensemble (10^4 toys, $s_1 = s_2 = 3$, $b = 1$/bin)
toy quantiles
exact quantiles
$n_{tot} = 0$
$n_{tot} = 1$
$n_{tot} = 2$
$n_{tot} = 3$
$n_{tot} = 4$
$n_{tot} = 5$
quantile toy exact
-2s 0.5035 0.4993
-1s 0.6467 0.5111
median 0.7988 0.6944
+1s 0.9918 0.9803
+2s 1.4357 1.3864
fraction of toys
10^0
10^{-1}
10^{-2}
10^{-3}
10^{-4}
0.50
0.75
1.00
1.25
1.50
1.75
2.00
2.25
μ_{UL} of one pseudo-data toy