

	Coverage	Power	Conditional properties
DL	Exact	Most Powerful	Null Intervals Negatively Biased Relevant Subsets (NBRS)
PL one sided	Exact*	Most Powerful*	No (existing literature)
PL two sided (FC)	Exact	Not as powerful for 1 sided	No ?
PCL	Over coverage		No (existing literature)
CLs	Over coverage		No

* Except for $\mu=0$

- **Comments:**
- FC: 2 sided => setting upper limit due to upward fluctuations of signal
- Flip Flopping is addressed by FC, but can be avoided by quoting one sided p-values for testing both the signal and BG-only hypotheses
- A Bayesian method with proper priors fully addresses conditional properties, A motivation for presenting Bayesian+Frequentist. For frequentist limits we need to make a choice on preferred features.