

Table 1: Detection performance evaluated on multiple one-month datasets containing identical real detector noise (offset = 0 and noise seed = 2514409456) but different sets of signal injections, using the number of detections N^F at fixed FAR as a metric. All datasets are still contaminated with a number of confident astrophysical signals not included in GWTC-2 [?].

#	Injection Seed	N^F 1/month	N^F 10/month	N^F 100/month	Total Injections
1	2514409456	2892	3879	5436	95719
2	12019	2949	3889	5415	95691
3	10209	2924	3921	5429	95733
4	9801	2923	3853	5375	95701
5	6291	2935	3829	5261	95696
6	555	2904	3824	5338	95698
7	291	2874	3872	5459	95704
8	93	2852	3778	5339	95711
9	32	2949	3878	5386	95684
10	9	2927	3826	5406	95712
μ_N (mean)		2913 ± 23	3855 ± 29	5384 ± 42	N/A
σ_N (std. dev.)		$\in [22, 59]$	$\in [28, 75]$	$\in [40, 107]$	N/A
$\sigma_N/\bar{\mu}_N$		$\in [0.8\%, 2.0\%]$	$\in [0.7\%, 1.9\%]$	$\in [0.7\%, 2.0\%]$	N/A