Number of Walsh coefficient superior to a treshold

$[w,s,k,n,u,t] = [11,16,23,38,1,4]$

Number of LPN samples: $N = 2756$

Expected number of parity-checks of weight w on $\mathscr{N}$: $N_{\text{eq}} = 5511$

$$\widehat{f}(GV_1) := N - 2\, GV\left(N, \log_2\left(\binom{s}{t-u}\right)\right)$$

$f(GV_1)$

Legend:
- Experience
- Poisson Model
- LPN Model

y-axis: $\#\{x \in \mathbb{F}_2^s : |x| = t - u \text{ and } \widehat{f}(x) \geq T\}$

x-axis: T