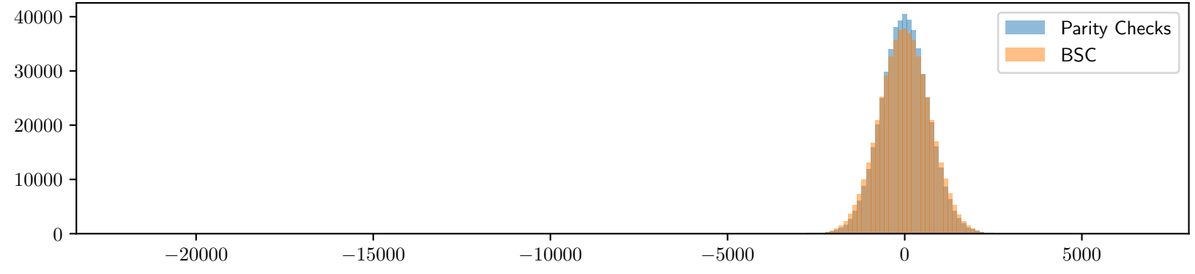
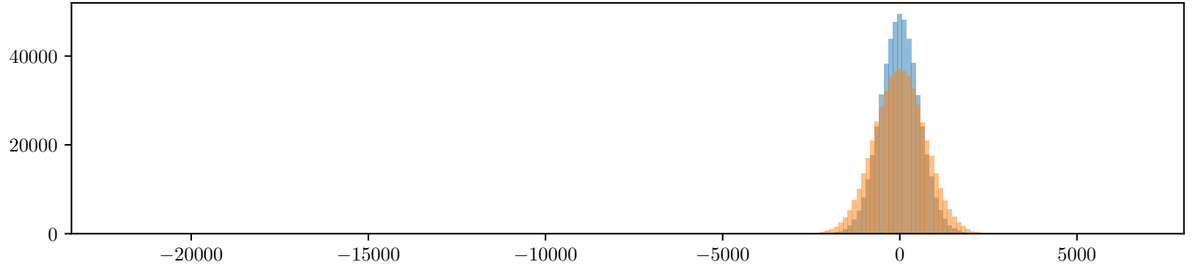
$w = 8,\ s = 19\ k = 19,\ n = 46,\ |e_P| = 6,\ |e_N| = 2, \quad \frac{1-\epsilon}{2} = 0,433048$

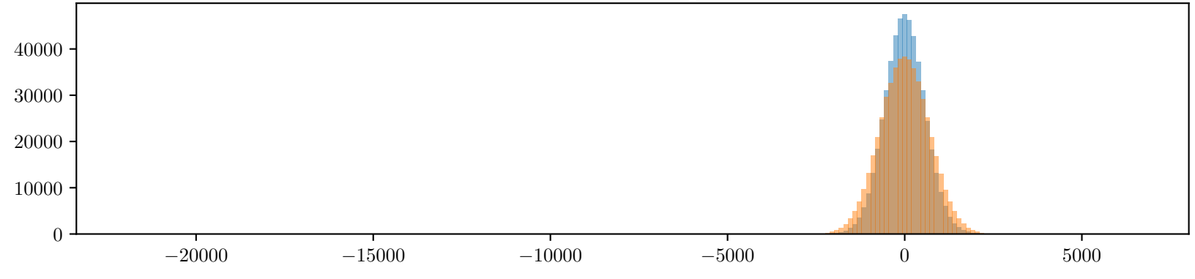
$\#\mathcal{H} = 506267$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 21,\ \mathcal{F}(\epsilon) = 67791,\ \mathcal{F}(GV) = 3289$
Experimental values :$\mathcal{F}(e_P)$: 80225 (Parity Checks) ; 67431 (BSC)
Second highest walsh coefficient: 23653 (Parity Checks) ; 3629 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 519402$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 21,\ \mathcal{F}(\epsilon) = 69550,\ \mathcal{F}(GV) = 3330$
Experimental values :$\mathcal{F}(e_P)$: 63454 (Parity Checks) ; 69112 (BSC)
Second highest walsh coefficient: 178852 (Parity Checks) ; 3560 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 9 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 491233$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 20,\ \mathcal{F}(\epsilon) = 65778,\ \mathcal{F}(GV) = 3239$
Experimental values :$\mathcal{F}(e_P)$: 69537 (Parity Checks) ; 65389 (BSC)
Second highest walsh coefficient: 77175 (Parity Checks) ; 4235 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 4 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 520192$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 21,\ \mathcal{F}(\epsilon) = 69655,\ \mathcal{F}(GV) = 3334$
Experimental values :$\mathcal{F}(e_P)$: 80544 (Parity Checks) ; 68556 (BSC)
Second highest walsh coefficient: 76974 (Parity Checks) ; 3382 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 4 (Parity Checks) ; 1 (BSC)