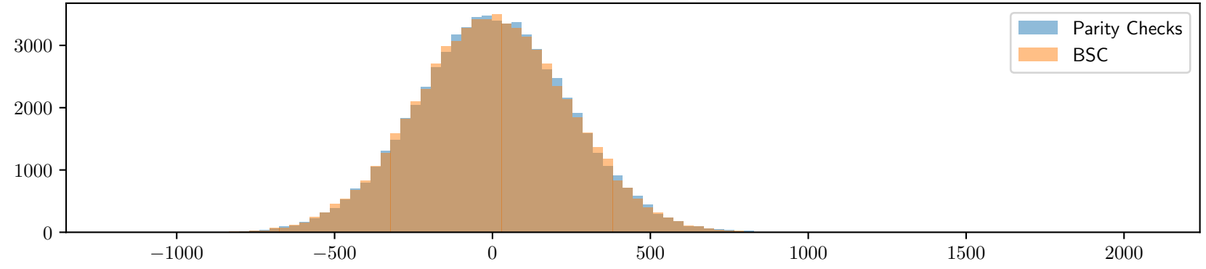
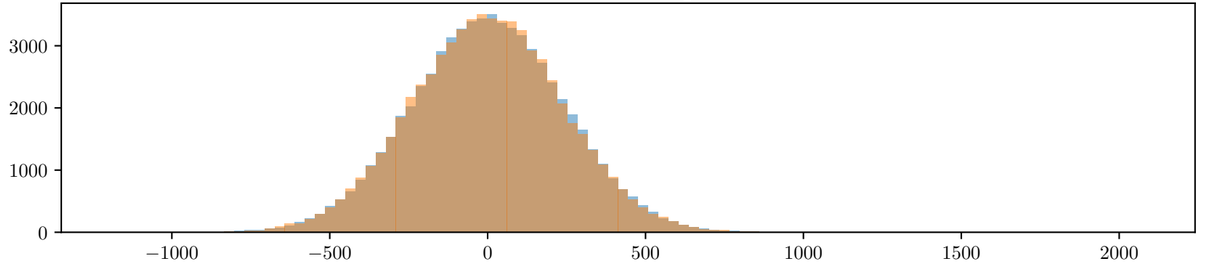
$w = 4,\ s = 16\ k = 37,\ n = 1792,\ |e_P| = 5,\ |e_N| = 248,\quad \frac{1-\epsilon}{2} = 0,365514$

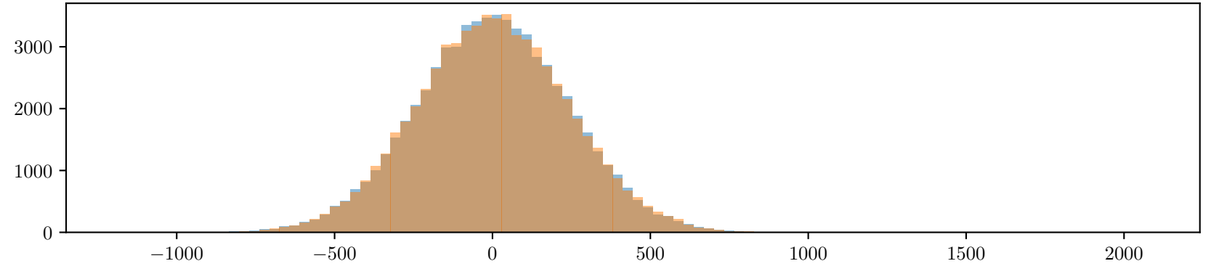
$\#\mathcal{H} = 61930$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 16,\ \mathcal{F}(\epsilon) = 16657,\ \mathcal{F}(GV) = 1038$
Experimental values :$\mathcal{F}(e_P)$: 16572 (Parity Checks) ; 16572 (BSC)
Second highest walsh coefficient: 986 (Parity Checks) ; 966 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 61902$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 16,\ \mathcal{F}(\epsilon) = 16650,\ \mathcal{F}(GV) = 1038$
Experimental values :$\mathcal{F}(e_P)$: 16546 (Parity Checks) ; 16896 (BSC)
Second highest walsh coefficient: 992 (Parity Checks) ; 1104 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 61988$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 16,\ \mathcal{F}(\epsilon) = 16673,\ \mathcal{F}(GV) = 1038$
Experimental values :$\mathcal{F}(e_P)$: 16662 (Parity Checks) ; 16458 (BSC)
Second highest walsh coefficient: 1006 (Parity Checks) ; 922 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 61929$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 16,\ \mathcal{F}(\epsilon) = 16657,\ \mathcal{F}(GV) = 1037$
Experimental values :$\mathcal{F}(e_P)$: 16977 (Parity Checks) ; 16773 (BSC)
Second highest walsh coefficient: 973 (Parity Checks) ; 997 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)