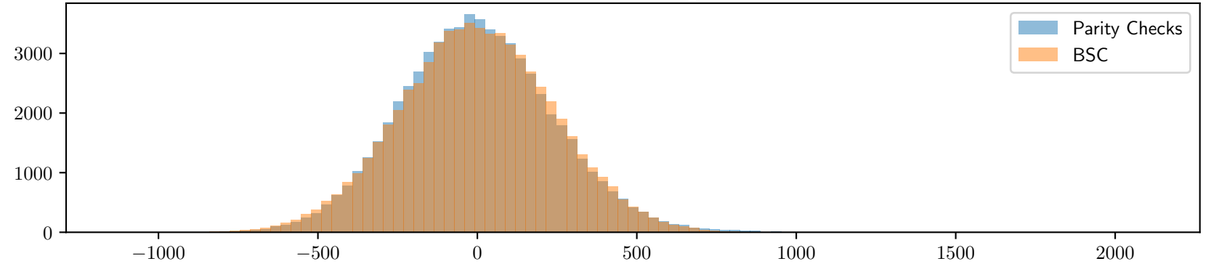
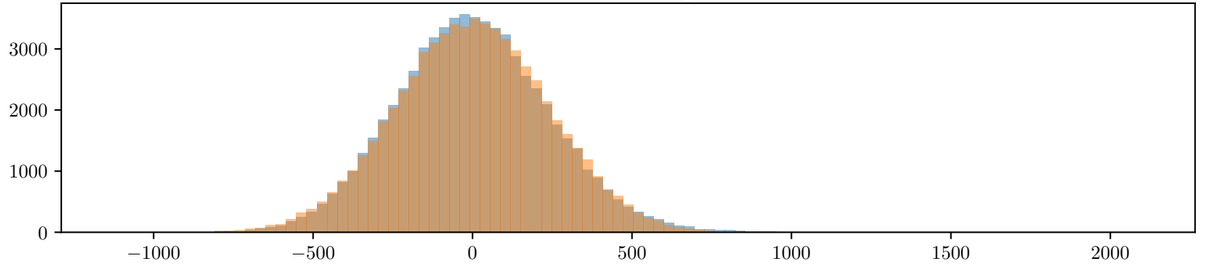
$w = 4,\ s = 16\ k = 23,\ n = 175,\ |e_P| = 5,\ |e_N| = 21, \quad \frac{1-\epsilon}{2} = 0,358185$

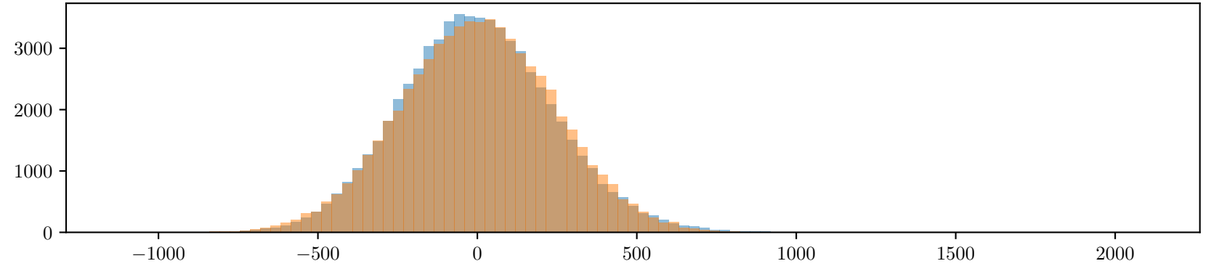
$\#\mathcal{H} = 62423$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 17,\ \mathcal{F}(\epsilon) = 17705,\ \mathcal{F}(GV) = 1041$
Experimental values :$\mathcal{F}(e_P)$: 18071 (Parity Checks) ; 17849 (BSC)
Second highest walsh coefficient: 1965 (Parity Checks) ; 1057 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 62499$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 17,\ \mathcal{F}(\epsilon) = 17727,\ \mathcal{F}(GV) = 1043$
Experimental values :$\mathcal{F}(e_P)$: 17563 (Parity Checks) ; 17511 (BSC)
Second highest walsh coefficient: 1667 (Parity Checks) ; 1017 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 62508$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 17,\ \mathcal{F}(\epsilon) = 17729,\ \mathcal{F}(GV) = 1042$
Experimental values :$\mathcal{F}(e_P)$: 17760 (Parity Checks) ; 17710 (BSC)
Second highest walsh coefficient: 1414 (Parity Checks) ; 988 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 62404$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 17,\ \mathcal{F}(\epsilon) = 17700,\ \mathcal{F}(GV) = 1042$
Experimental values :$\mathcal{F}(e_P)$: 17442 (Parity Checks) ; 17508 (BSC)
Second highest walsh coefficient: 2006 (Parity Checks) ; 1032 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)