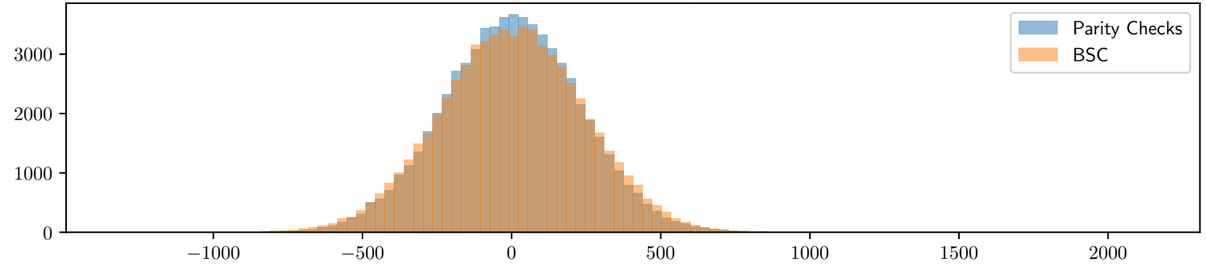
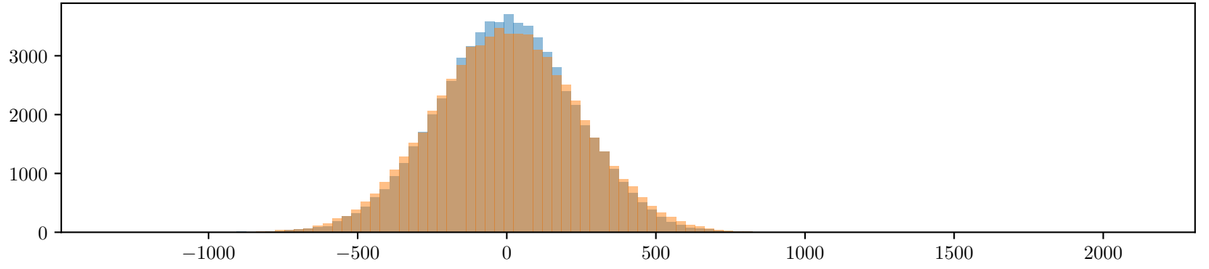
$w = 8,\ s = 16\ k = 23,\ n = 52,\ |e_P| = 5,\ |e_N| = 2, \quad \frac{1-\epsilon}{2} = 0,355556$

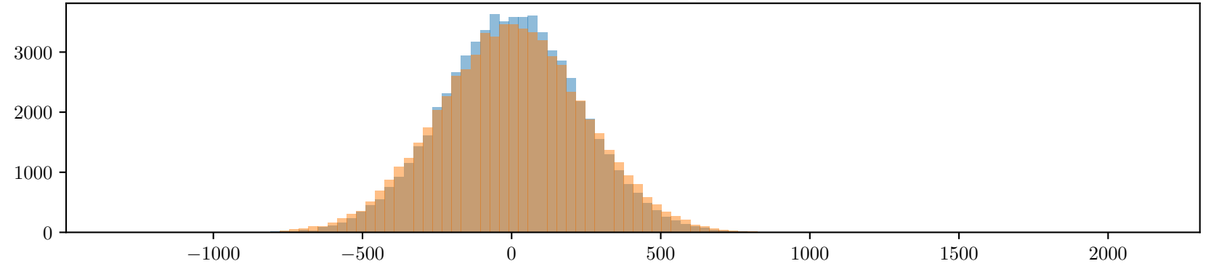
$\#\mathcal{H} = 63711$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 17,\ \mathcal{F}(\epsilon) = 18405,\ \mathcal{F}(GV) = 1053$
Experimental values :$\mathcal{F}(e_P)$: 19367 (Parity Checks) ; 18947 (BSC)
Second highest walsh coefficient: 8727 (Parity Checks) ; 943 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 63968$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 18,\ \mathcal{F}(\epsilon) = 18480,\ \mathcal{F}(GV) = 1054$
Experimental values :$\mathcal{F}(e_P)$: 19584 (Parity Checks) ; 18598 (BSC)
Second highest walsh coefficient: 4218 (Parity Checks) ; 1088 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 64309$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 18,\ \mathcal{F}(\epsilon) = 18578,\ \mathcal{F}(GV) = 1057$
Experimental values :$\mathcal{F}(e_P)$: 18711 (Parity Checks) ; 17951 (BSC)
Second highest walsh coefficient: 9231 (Parity Checks) ; 1039 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 64408$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 18,\ \mathcal{F}(\epsilon) = 18607,\ \mathcal{F}(GV) = 1058$
Experimental values :$\mathcal{F}(e_P)$: 18584 (Parity Checks) ; 18154 (BSC)
Second highest walsh coefficient: 8896 (Parity Checks) ; 1004 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)