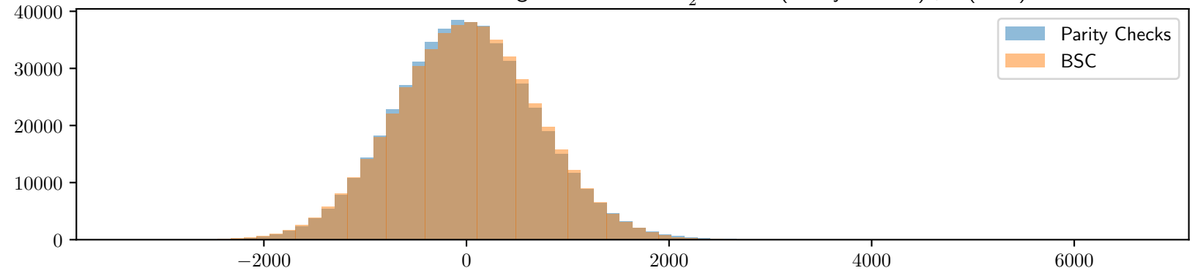
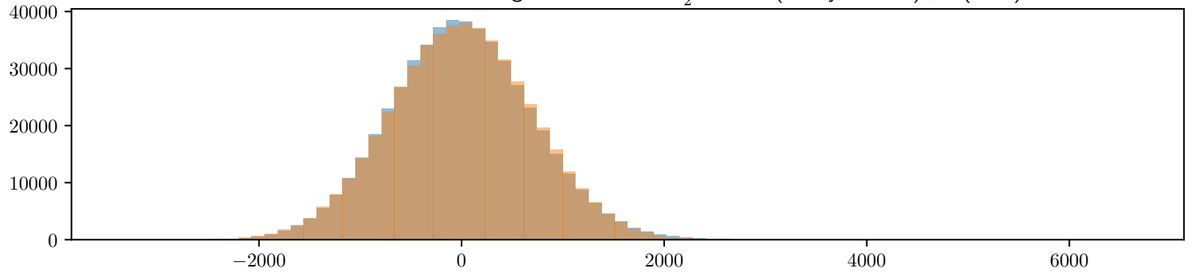
$w = 6,\ s = 19\ k = 33,\ n = 185,\ |e_P| = 6,\ |e_N| = 23, \quad \frac{1-\epsilon}{2} = 0,434669$

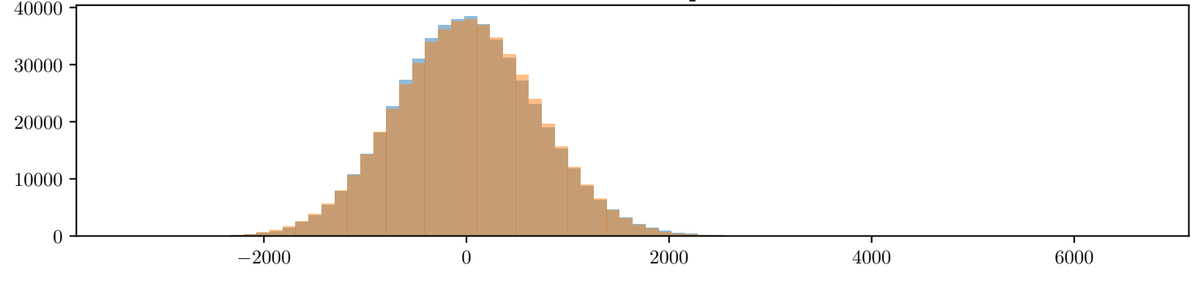
$\#\mathcal{H} = 500414$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 20,\ \mathcal{F}(\epsilon) = 65385,\ \mathcal{F}(GV) = 3270$
Experimental values :$\mathcal{F}(e_P)$: 64826 (Parity Checks) ; 64380 (BSC)
Second highest walsh coefficient: 5272 (Parity Checks) ; 3394 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 500393$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 20,\ \mathcal{F}(\epsilon) = 65382,\ \mathcal{F}(GV) = 3269$
Experimental values :$\mathcal{F}(e_P)$: 65207 (Parity Checks) ; 65225 (BSC)
Second highest walsh coefficient: 7427 (Parity Checks) ; 3385 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 500470$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 20,\ \mathcal{F}(\epsilon) = 65392,\ \mathcal{F}(GV) = 3270$
Experimental values :$\mathcal{F}(e_P)$: 64442 (Parity Checks) ; 65716 (BSC)
Second highest walsh coefficient: 6364 (Parity Checks) ; 3398 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 500501$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 20,\ \mathcal{F}(\epsilon) = 65396,\ \mathcal{F}(GV) = 3269$
Experimental values :$\mathcal{F}(e_P)$: 64479 (Parity Checks) ; 63593 (BSC)
Second highest walsh coefficient: 5103 (Parity Checks) ; 3247 (BSC)
Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)