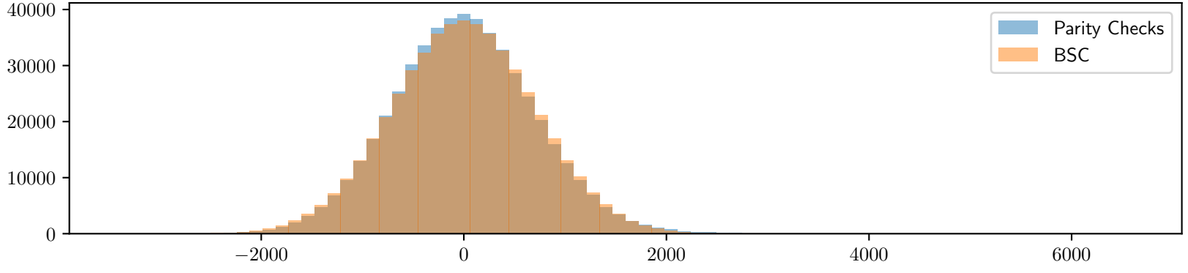
$w = 10,\ s = 19\ k = 40,\ n = 105,\ |e_P| = 6,\ |e_N| = 7, \quad \frac{1-\epsilon}{2} = 0,435656$

$\#\mathcal{H} = 503595$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 20,\ \mathcal{F}(\epsilon) = 64807,\ \mathcal{F}(GV) = 3279$

Experimental values :$\mathcal{F}(e_P)$ : 65221 (Parity Checks) ; 64733 (BSC)

Second highest walsh coefficient: 11751 (Parity Checks) ; 3563 (BSC)

Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)

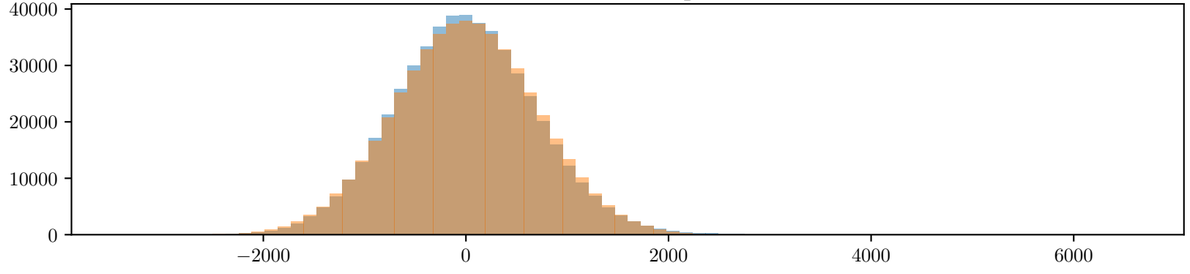



$\#\mathcal{H} = 503351$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 20,\ \mathcal{F}(\epsilon) = 64776,\ \mathcal{F}(GV) = 3279$

Experimental values :$\mathcal{F}(e_P)$ : 64111 (Parity Checks) ; 63819 (BSC)

Second highest walsh coefficient: 14061 (Parity Checks) ; 3339 (BSC)

Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)

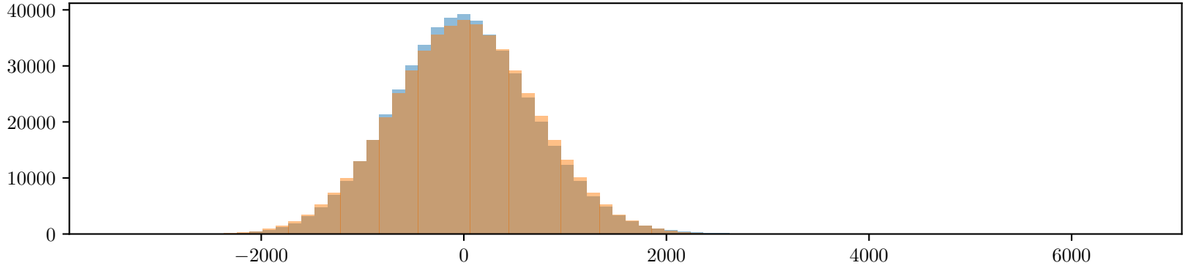



$\#\mathcal{H} = 503564$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 20,\ \mathcal{F}(\epsilon) = 64803,\ \mathcal{F}(GV) = 3280$

Experimental values :$\mathcal{F}(e_P)$ : 63104 (Parity Checks) ; 65106 (BSC)

Second highest walsh coefficient: 11002 (Parity Checks) ; 3366 (BSC)

Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)




$\#\mathcal{H} = 503071$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 20,\ \mathcal{F}(\epsilon) = 64740,\ \mathcal{F}(GV) = 3277$

Experimental values :$\mathcal{F}(e_P)$ : 63911 (Parity Checks) ; 64667 (BSC)

Second highest walsh coefficient: 10819 (Parity Checks) ; 3423 (BSC)

Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 1 (Parity Checks) ; 1 (BSC)