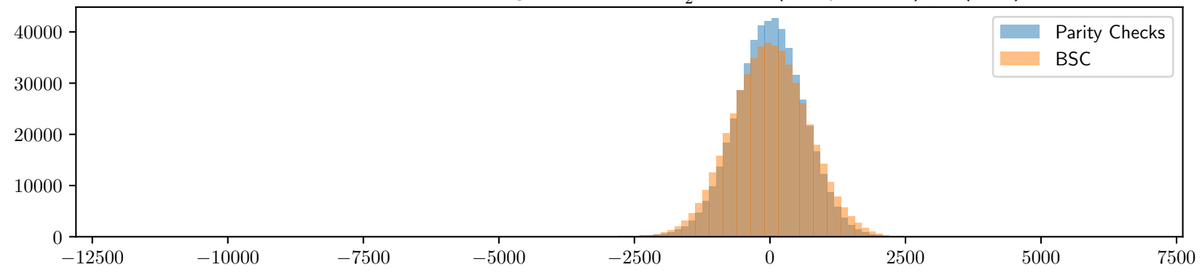
$w = 6,\ s = 19\ k = 19,\ n = 54,\ |e_P| = 6,\ |e_N| = 4, \quad \frac{1-\epsilon}{2} = 0,429794$

$\#\mathcal{H} = 504186$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 22,\ \mathcal{F}(\epsilon) = 70794,\ \mathcal{F}(GV) = 3282$

Experimental values :$\mathcal{F}(e_P)$: 70438 (Parity Checks) ; 70002 (BSC)

Second highest walsh coefficient: 70438 (Parity Checks) ; 3282 (BSC)

Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 7 (Parity Checks) ; 1 (BSC)

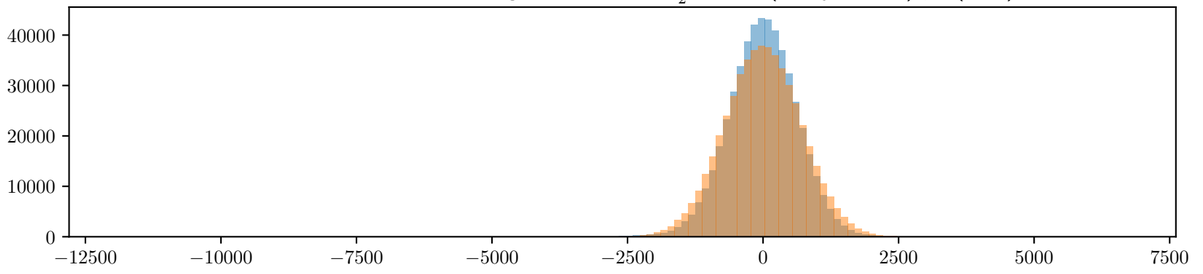


$\#\mathcal{H} = 506346$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 22,\ \mathcal{F}(\epsilon) = 71097,\ \mathcal{F}(GV) = 3288$

Experimental values :$\mathcal{F}(e_P)$: 67782 (Parity Checks) ; 71956 (BSC)

Second highest walsh coefficient: 67782 (Parity Checks) ; 3130 (BSC)

Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 7 (Parity Checks) ; 1 (BSC)

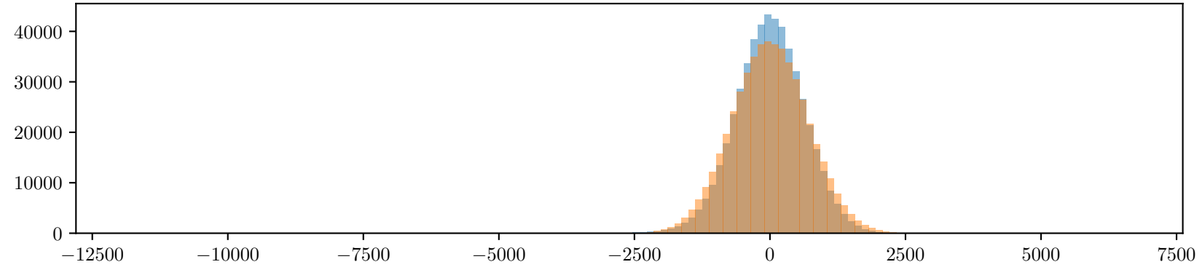


$\#\mathcal{H} = 500379$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 21,\ \mathcal{F}(\epsilon) = 70259,\ \mathcal{F}(GV) = 3269$

Experimental values :$\mathcal{F}(e_P)$: 66045 (Parity Checks) ; 70315 (BSC)

Second highest walsh coefficient: 72713 (Parity Checks) ; 3307 (BSC)

Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 4 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 504379$, Theoretical values : $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 22,\ \mathcal{F}(\epsilon) = 70821,\ \mathcal{F}(GV) = 3281$

Experimental values :$\mathcal{F}(e_P)$: 64755 (Parity Checks) ; 69687 (BSC)

Second highest walsh coefficient: 73893 (Parity Checks) ; 3313 (BSC)

Number of Walsh coefficient greater than $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$: 7 (Parity Checks) ; 1 (BSC)