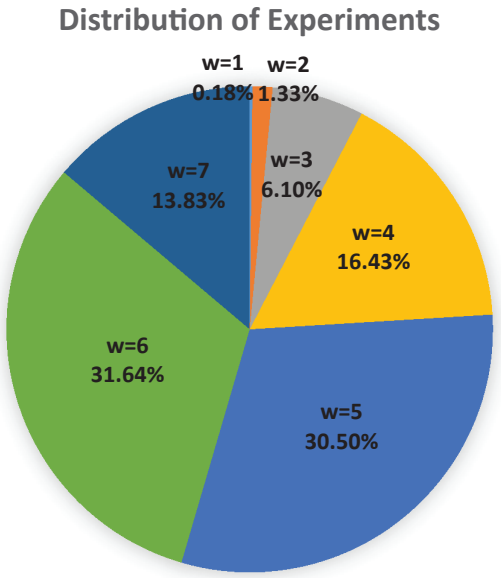
(a)

	Number of Expt.		Calibration		Fidelity for F_e and $F_{d,c}$		
Weight	k	k_w	t (ms)	F_i	F_e	E_d	$F_{d,c}$
w=1	21	3	2	0.977±0.024	0.782±0.012	18.9%	0.965
w=2	189	22	26	0.915±0.029	0.701±0.047	23.4%	0.915
w=3	945	101	34	0.895±0.039	0.671±0.042	28.3%	0.936
w=4	2835	272	49	0.866±0.025	0.582±0.033	33.2%	0.872
w=5	5103	505	53	0.838±0.041	0.552±0.033	37.6%	0.885
w=6	5103	524	55	0.861±0.030	0.518±0.026	39.5%	0.856
w=7	2187	229	60	0.865±0.031	0.489±0.029	43.1%	0.860
Total	16383	1656	N/A	0.858	0.547	37.4%	0.874

k: number of Pauli operators $3^w \binom{7}{w}$; k_w: number of experiments;
F_i: fidelity of initial states (compared to thermal equilibrium);
F_e: fidelity of experiments (compared to initial states);
E_d: signal loss due to decoherence;
$F_{d,c}$: fidelity after eliminating decoherence

(b)



(c)