	Number of Expt.		Calibration		Fidelity for F_e, F_d and $F_{d,c}$				
Weight	k	k_ω	t (ms)	F_i	F_e	E_d	F_d	E_c	$F_{d,c}$
ω=1	21	3	2	0.977±0.024	0.765±0.012	81.3%	0.940	0.023	0.963
ω=2	189	22	26	0.915±0.029	0.642±0.043	76.0%	0.844	0.085	0.929
ω=3	945	101	34	0.895±0.039	0.600±0.037	71.5%	0.839	0.105	0.945
ω=4	2835	272	49	0.866±0.025	0.504±0.029	64.2%	0.785	0.134	0.919
ω=5	5103	505	53	0.838±0.041	0.463±0.028	62.1%	0.746	0.162	0.907
ω=6	5103	524	55	0.861±0.030	0.446±0.023	58.6%	0.760	0.139	0.900
ω=7	2187	229	60	0.865±0.031	0.423±0.025	54.8%	0.773	0.135	0.908
Total	16383	1656	N/A	0.858	0.470	61.1%	0.768	0.142	0.910

k: number of Pauli operators $3^\omega \binom{7}{\omega}$; k_ω: number of experiments;
F_i: fidelity of calibration procedure; F_e: fidelity of experiments;
E_d: signal loss by decoherence; F_d: $F_d = F_e / E_d$;
E_c: error in calibration $E_c = 1 - F_i$; $F_{d,c}$: $F_{d,c} = F_e / E_d + E_c$;