

Figure 1 is a line graph titled "Sketching error vs. sketch size". The x-axis is labeled "Sketch Size" and ranges from 100 to 700 with major ticks every 100 units. The y-axis is labeled "Error" and ranges from 0.00 to 0.04 with major ticks every 0.005 units. There are six data series represented by different colored lines: Orthogonal (blue), Gaussian (orange), Uniform (green), Rademacher (red), CWT (purple), and SSE (brown). All six series follow a very similar trend. They start at an error of approximately 0.025 at a sketch size of 100, rise to a peak error of about 0.035 at a sketch size of 180-200, then decrease sharply to about 0.015 at a sketch size of 400, and finally plateau at an error of approximately 0.005 for sketch sizes greater than 520. The lines for all methods are nearly indistinguishable, indicating that the error performance is very similar across all the tested sketching methods.

Sketch Size	Orthogonal	Gaussian	Uniform	Rademacher	CWT	SSE
100	0.025	0.025	0.025	0.025	0.025	0.025
150	0.032	0.032	0.032	0.032	0.032	0.032
180	0.035	0.035	0.035	0.035	0.035	0.035
200	0.035	0.035	0.035	0.035	0.035	0.035
250	0.032	0.032	0.032	0.032	0.032	0.032
300	0.025	0.025	0.025	0.025	0.025	0.025
350	0.018	0.018	0.018	0.018	0.018	0.018
400	0.015	0.015	0.015	0.015	0.015	0.015
450	0.010	0.010	0.010	0.010	0.010	0.010
500	0.008	0.008	0.008	0.008	0.008	0.008
520	0.005	0.005	0.005	0.005	0.005	0.005
600	0.005	0.005	0.005	0.005	0.005	0.005
700	0.005	0.005	0.005	0.005	0.005	0.005

