

	1	2	3	4	5	6	7	8	9	10	11	12
A	Blank	MD1655	MD1655	MD1655	319	319	Blank	Blank	WT	WT	UVS	UVS
B	Blank	MD1655	MD1655	MD1655	319	319	Blank	Blank	WT	WT	UVS	UVS
C	Blank	MD1655	MD1655	MD1655	319	319	Blank	Blank	WT	WT	UVS	UVS
D	Blank	MD1655	MD1655	MD1655	319	319	Blank	Blank	WT	WT	UVS	UVS
E	Blank	MD1655	MD1655	MD1655	319	319	Blank	Blank	WT	WT	UVS	UVS
F	Blank	MD1655	MD1655	MD1655	319	319	Blank	Blank	WT	WT	UVS	UVS
G	Blank	MD1655	MD1655	MD1655	319	319	Blank	Blank	WT	WT	UVS	UVS
H	Blank	MD1655	MD1655	MD1655	319	319	Blank	Blank	WT	WT	UVS	UVS

Figure 1 displays a 12x8 grid of heatmaps, where the rows represent the number of iterations (labeled A through H) and the columns represent the number of samples (labeled 1 through 12). Each heatmap shows the performance of the proposed algorithm under these conditions. The heatmaps indicate that performance generally improves as the number of iterations and samples increases, with the most significant improvements occurring in the first few iterations and samples.

A	0.09mM, 3s	0.09mM, 3s	0.09mM, 3s	0.09mM, 3s	0.09mM, 3s	0.09mM, 3s	0.09mM, 3s	0.09mM, 3s	0.09mM, 3s	0.09mM, 3s	0.09mM, 3s	0.09mM, 3s
B	0.1.09mM, 3s	0.09mM, 3s	0.1.09mM, 3s	0.1.09mM, 3s	0.1.09mM, 3s	0.1.09mM, 3s	0.1.09mM, 3s	0.1.09mM, 3s	0.1.09mM, 3s	0.1.09mM, 3s	0.1.09mM, 3s	0.1.09mM, 3s
C	0.15.09mM, 3s	0.09mM, 3s	0.15.09mM, 3s	0.15.09mM, 3s	0.15.09mM, 3s	0.15.09mM, 3s	0.15.09mM, 3s	0.15.09mM, 3s	0.15.09mM, 3s	0.15.09mM, 3s	0.15.09mM, 3s	0.15.09mM, 3s
D	0.22.09mM, 3s	0.09mM, 3s	0.22.09mM, 3s	0.22.09mM, 3s	0.22.09mM, 3s	0.22.09mM, 3s	0.22.09mM, 3s	0.22.09mM, 3s	0.22.09mM, 3s	0.22.09mM, 3s	0.22.09mM, 3s	0.22.09mM, 3s
E	0.32.09mM, 3s	0.09mM, 3s	0.32.09mM, 3s	0.32.09mM, 3s	0.32.09mM, 3s	0.32.09mM, 3s	0.32.09mM, 3s	0.32.09mM, 3s	0.32.09mM, 3s	0.32.09mM, 3s	0.32.09mM, 3s	0.32.09mM, 3s
F	0.46.09mM, 3s	0.09mM, 3s	0.46.09mM, 3s	0.46.09mM, 3s	0.46.09mM, 3s	0.46.09mM, 3s	0.46.09mM, 3s	0.46.09mM, 3s	0.46.09mM, 3s	0.46.09mM, 3s	0.46.09mM, 3s	0.46.09mM, 3s
G	0.68.09mM, 3s	0.09mM, 3s	0.68.09mM, 3s	0.68.09mM, 3s	0.68.09mM, 3s	0.68.09mM, 3s	0.68.09mM, 3s	0.68.09mM, 3s	0.68.09mM, 3s	0.68.09mM, 3s	0.68.09mM, 3s	0.68.09mM, 3s
H	1.09mM, 3s	0.09mM, 3s	1.09mM, 3s	1.09mM, 3s	1.09mM, 3s	1.09mM, 3s	1.09mM, 3s	1.09mM, 3s	1.09mM, 3s	1.09mM, 3s	1.09mM, 3s	1.09mM, 3s
	1	2	3	4	5	6	7	8	9	10	11	12