

Table R-5: Comparison with baseline methods under the metrics of Clip Score and EmoAttack Capability (EAC). Sets in the table all use cases from Emo2Image-um as target images.

Sets	Baseline	EAC(↑)	Clip <sub>txt</sub> (Sad)(↓)	Clip <sub>img</sub> (Sad)(↑)	Clip <sub>txt</sub> (Angry)(↓)	Clip <sub>img</sub> (Angry)(↑)	Clip <sub>txt</sub> (Isolated)(↓)	Clip <sub>img</sub> (Isolated)(↑)	Clip <sub>txt</sub> (Normal)(↑)	Clip <sub>img</sub> (Normal)(↑)
Set1	DreamBooth	0.5363	0.2637	0.5348	0.2533	0.6372	0.2544	0.6458	0.2587	0.7238
	MDreambooth	0.5387	0.1982	0.7259	0.1882	0.7689	0.2048	0.7532	0.1828	0.5788
	Censorship	0.6593	0.2133	0.5751	0.2095	0.6585	0.2178	0.6651	0.2264	0.7158
	EmoBooth	0.7428	0.1957	0.7302	0.1865	0.7634	0.2066	0.7430	0.2323	0.6956
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Set2	DreamBooth	0.5131	0.2587	0.5892	0.2587	0.5988	0.2583	0.6198	0.2638	0.7012
	MDreambooth	0.5642	0.2037	0.7982	0.2059	0.8237	0.1982	0.8148	0.1925	0.5823
	Censorship	0.6291	0.2275	0.6360	0.2358	0.6133	0.2339	0.6109	0.2358	0.6618
	EmoBooth	0.8103	0.2011	0.8060	0.1937	0.8597	0.1944	0.8209	0.2464	0.6859
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Set3	DreamBooth	0.5737	0.2588	0.6832	0.2610	0.7860	0.2632	0.6748	0.2610	0.7099
	MDreambooth	0.5670	0.1957	0.8725	0.2018	0.8733	0.1823	0.8219	0.1828	0.5720
	Censorship	0.7394	0.2101	0.7857	0.2563	0.8202	0.2178	0.6824	0.2541	0.6198
	EmoBooth	0.8209	0.1968	0.8615	0.2079	0.8759	0.1758	0.8307	0.2370	0.6370
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Set4	DreamBooth	0.5019	0.2579	0.6457	0.2599	0.5833	0.2593	0.6127	0.2538	0.7030
	MDreambooth	0.5796	0.1920	0.7328	0.1728	0.8729	0.1623	0.8427	0.1967	0.5632
	Censorship	0.6033	0.1980	0.6673	0.2122	0.5901	0.2058	0.6042	0.1789	0.5606
	EmoBooth	0.7823	0.1832	0.7495	0.1529	0.8847	0.1568	0.8357	0.1893	0.5933
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Set5	DreamBooth	0.5846	0.2542	0.6938	0.2578	0.7362	0.2536	0.7639	0.2638	0.7230
	MDreambooth	0.5701	0.2199	0.7616	0.2158	0.8352	0.2199	0.8029	0.1874	0.5848
	Censorship	0.7419	0.2186	0.7242	0.2209	0.7554	0.2416	0.7579	0.2578	0.6956
	EmoBooth	0.7836	0.2117	0.7718	0.2050	0.8227	0.2269	0.7928	0.2331	0.7164