

Scene	COLMAP		ACE-Zero		FlowMap		VGG-SfM		DF-SfM		MASt3R-SfM		MBA (Ours)	
	RRA	RTA	RRA	RTA	RRA	RTA	RRA	RTA	RRA	RTA	RRA	RTA	RRA	RTA
courtyard	56.3	60.0	4.0	1.9	7.5	3.6	50.5	51.2	80.7	74.8	89.8	64.4	94.7	94.7
delivery area	34.0	28.1	27.4	1.9	29.4	23.8	22.0	19.6	82.5	82.0	83.1	81.8	83.1	83.0
electro	53.3	48.5	16.9	7.9	2.5	1.2	79.9	58.6	82.8	81.2	100.0	95.5	95.6	78.2
facade	92.2	90.0	74.5	64.1	15.7	16.8	57.5	48.7	80.9	82.6	74.3	75.3	100.0	99.2
kicker	87.3	86.2	26.2	16.8	1.5	1.5	100.0	97.8	93.5	91.0	100.0	100.0	100.0	98.9
meadow	0.9	0.9	3.8	0.9	3.8	2.9	100.0	96.2	56.2	58.1	58.1	58.1	100.0	58.1
office	36.9	32.3	0.9	0.0	0.9	1.5	64.9	42.1	71.1	54.5	100.0	98.5	100.0	86.2
pipes	30.8	28.6	9.9	1.1	6.6	12.1	100.0	97.8	72.5	61.5	100.0	100.0	100.0	96.7
playground	17.2	18.1	3.8	2.6	2.6	2.8	37.3	40.8	70.5	70.1	100.0	93.6	94.7	93.8
relief	16.8	16.8	16.8	17.0	6.9	7.7	59.6	57.9	32.9	32.9	34.2	40.2	100.0	98.9
relief 2	11.8	11.8	7.3	5.6	8.4	2.8	69.9	70.3	40.9	39.1	57.4	76.1	100.0	98.9
terrace	100.0	100.0	5.5	2.0	33.2	24.1	38.7	29.6	100.0	99.6	100.0	100.0	100.0	100.0
terrains	100.0	99.5	15.8	4.5	12.3	13.8	70.4	54.9	100.0	91.9	58.2	52.5	100.0	95.4
Average	49.0	47.8	16.4	9.7	10.1	8.8	65.4	58.9	74.2	70.7	81.2	79.7	<b>97.3</b>	<b>90.2</b>

**Caption:** Structure-from-Motion benchmark on ETH3D dataset in metrics RRA (@5°) and RTA (@5°) following MASt3R-SfM evaluation protocol.