

Pipeline	MegaDepth						ScanNet						Planar						IMC PhotoTourism						
	Filtered	Precision	Recall	AUC <sup>F</sup> <sub>≤</sub>	AUC <sup>E</sup> <sub>≤</sub>	Filtered	Precision	Recall	AUC <sup>F</sup> <sub>≤</sub>	AUC <sup>E</sup> <sub>≤</sub>	Filtered	Precision	Recall	AUC <sup>H</sup> <sub>□</sub>	Filtered	Precision	Recall	AUC <sup>F</sup> <sub>≤</sub>	AUC <sup>E</sup> <sub>≤</sub>	AUC <sup>F</sup> <sub>□</sub>	AUC <sup>E</sup> <sub>□</sub>				
ALKID+LightGlue	0.00	92.95	<b>99.72</b>	54.83	61.79	0.00	65.50	<b>93.06</b>	12.72	26.79	0.00	76.17	<b>90.91</b>	50.75	0.00	93.63	<b>99.75</b>	47.72	67.17	23.37	36.09				
	+MAGSAC <sub>↑</sub>	15.88	95.63	86.88	61.86	61.82	33.48	68.44	65.40	<b>19.55</b>	26.98	49.92	81.77	52.73	53.63	15.81	96.29	86.75	<b>58.68</b>	67.78	<b>31.35</b>	36.58			
	+MAGSAC <sub>↓</sub>	23.71	<b>96.23</b>	79.40	61.79	63.35	40.67	68.40	57.83	<b>19.90</b>	26.82	61.56	<b>82.42</b>	40.39	53.90	23.19	<b>96.74</b>	79.58	<b>58.91</b>	<b>68.17</b>	<b>31.60</b>	36.87			
+ACNe	39.70	93.67	60.76	34.39	49.70	42.98	67.49	54.59	9.90	18.34	52.20	77.15	44.12	45.61	41.51	94.59	59.05	39.32	58.98	16.70	27.58				
	+MAGSAC <sub>↑</sub>	47.23	95.55	54.51	39.15	50.64	58.87	67.69	41.04	11.91	18.85	72.64	80.77	28.14	48.04	48.84	96.33	52.78	45.15	59.22	20.58	27.79			
	+MAGSAC <sub>↓</sub>	51.60	96.05	50.32	39.46	51.73	62.63	67.70	37.10	12.07	18.92	78.24	81.20	22.17	48.42	52.76	96.71	48.94	45.64	59.65	20.90	28.30			
+AdaLAM	0.00	92.95	<b>99.72</b>	54.83	61.79	0.00	65.50	<b>93.06</b>	12.72	26.79	0.00	76.17	<b>90.91</b>	50.75	0.00	93.63	<b>99.75</b>	47.72	67.17	23.37	36.09				
	+MAGSAC <sub>↑</sub>	15.88	95.63	86.88	61.86	61.82	33.48	68.44	65.40	<b>19.55</b>	26.98	49.92	81.77	52.73	53.63	15.81	96.29	86.75	<b>58.68</b>	67.78	<b>31.35</b>	36.58			
	+MAGSAC <sub>↓</sub>	23.72	<b>96.23</b>	79.40	61.79	63.35	40.67	68.40	57.83	<b>19.90</b>	26.82	61.56	<b>82.42</b>	40.39	53.90	23.19	<b>96.74</b>	79.58	<b>58.91</b>	<b>68.17</b>	<b>31.60</b>	36.87			
+CC	17.59	86.24	<b>82.54</b>	43.16	53.84	33.98	54.91	61.10	10.39	19.04	79.33	10.37	12.65	5.87	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a			
	+MAGSAC <sub>↑</sub>	29.82	88.36	72.49	48.27	54.97	54.56	55.91	44.51	12.35	18.91	92.81	11.14	6.78	5.86	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a		
	+MAGSAC <sub>↓</sub>	36.19	<b>88.86</b>	66.33	48.47	54.98	58.99	55.92	39.78	12.63	18.98	<b>94.12</b>	11.25	5.39	5.66	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a		
+CLNet	14.87	93.37	85.31	35.30	52.86	46.80	68.60	50.87	6.09	16.60	17.63	<b>77.43</b>	80.43	50.88	19.67	94.49	80.87	36.07	59.50	15.51	28.05				
	+ConvMatch	65.67	93.06	34.39	26.47	40.50	65.97	67.98	33.09	6.72	14.24	62.92	<b>76.76</b>	34.06	43.86	64.47	94.35	35.83	31.57	50.94	12.56	22.91			
	+MAGSAC <sub>↑</sub>	69.64	94.31	31.20	28.21	40.97	75.33	64.30	25.40	7.51	13.52	77.70	79.28	22.15	44.90	68.53	95.45	32.37	35.71	51.74	15.37	23.18			
	+MAGSAC <sub>↓</sub>	72.07	<b>94.71</b>	28.87	29.19	41.17	77.38	64.34	23.22	7.39	13.59	82.13	<b>79.59</b>	17.51	44.93	70.91	<b>95.81</b>	30.05	36.16	51.45	15.44	23.01			
+DeMatch	64.63	<b>93.35</b>	35.44	24.51	40.23	68.01	<b>67.36</b>	31.01	4.37	11.01	66.67	<b>76.40</b>	29.59	38.35	65.18	94.39	35.10	28.42	47.54	10.90	20.20				
	+MAGSAC <sub>↑</sub>	68.65	94.79	32.16	26.79	40.43	76.15	64.28	24.39	5.14	10.97	79.83	79.85	19.60	42.19	69.12	95.78	31.71	32.35	48.09	13.09	20.31			
	+MAGSAC <sub>↓</sub>	71.12	95.21	29.79	27.15	40.04	78.13	64.34	22.34	5.29	11.17	83.69	80.20	15.59	41.94	71.39	<b>96.12</b>	29.50	32.84	48.19	13.40	20.22			
+FC-GNN	13.69	<b>96.89</b>	90.93	<b>63.46</b>	<b>64.75</b>	32.30	<b>70.66</b>	65.88	16.71	25.28	13.04	<b>77.93</b>	82.53	51.06	13.63	95.25	<b>87.70</b>	53.11	<b>65.92</b>	27.17	34.55				
	+MAGSAC <sub>↑</sub>	15.66	<b>97.24</b>	89.35	<b>65.62</b>	<b>65.38</b>	40.67	<b>70.76</b>	59.67	18.82	25.68	51.61	81.27	49.65	52.82	22.25	96.54	80.21	<b>57.74</b>	66.60	30.56	35.59			
	+MAGSAC <sub>↓</sub>	17.31	<b>97.35</b>	87.69	<b>65.70</b>	<b>65.05</b>	43.23	<b>70.79</b>	56.96	18.93	25.64	62.53	81.93	38.09	52.64	28.30	<b>99.93</b>	74.32	<b>57.85</b>	66.74	30.67	35.29			
+GMS	20.69	90.93	79.57	51.23	56.55	54.20	64.58	46.40	9.34	16.76	38.96	<b>75.70</b>	61.70	47.58	20.11	93.69	80.36	46.52	62.58	22.48	32.51				
	+MAGSAC <sub>↑</sub>	31.61	92.02	70.44	55.77	56.69	63.94	60.87	36.63	11.24	16.49	63.74	79.12	38.84	48.10	30.65	95.23	71.31	53.21	62.83	27.23	32.43			
	+MAGSAC <sub>↓</sub>	37.44	92.49	64.85	55.85	57.25	67.54	60.92	32.94	11.29	16.82	72.27	79.62	29.93	48.37	36.24	95.63	65.87	53.42	63.15	27.40	32.70			
+MS <sup>2</sup> DG-Net	70.80	93.83	29.36	36.82	37.72	59.15	<b>67.82</b>	35.97	7.45	11.77	65.87	<b>77.95</b>	27.91	45.97	70.10	94.70	30.12	34.37	45.40	14.35	18.96				
	+MAGSAC <sub>↑</sub>	74.76	95.64	26.19	37.23	38.15	69.82	68.23	27.92	8.35	11.35	81.41	81.26	18.23	44.76	73.66	96.16	27.13	37.33	45.53	16.59	19.23			
	+MAGSAC <sub>↓</sub>	76.84	<b>96.13</b>	24.18	37.56	38.81	71.81	68.19	25.96	7.89	11.46	84.69	81.72	14.78	44.97	75.52	96.50	25.31	37.60	45.72	16.69	19.30			
+NCMNet	13.49	93.44	<b>86.78</b>	36.15	53.66	44.51	67.92	52.75	7.34	16.99	15.98	<b>76.62</b>	80.94	<b>51.63</b>	17.09	94.58	83.54	36.70	59.38	15.71	28.22				
	+OANet	<b>89.60</b>	94.35	10.53	12.24	23.76	<b>88.14</b>	67.35	11.04	2.87	5.90	89.91	<b>76.42</b>	9.21	34.07	<b>89.20</b>	94.90	10.93	15.46	32.57	5.54	12.40			
	+MAGSAC <sub>↑</sub>	<b>90.44</b>	94.73	9.85	13.08	24.04	<b>92.89</b>	52.54	7.12	2.66	5.82	<b>94.03</b>	77.88	6.01	34.73	<b>90.12</b>	95.24	10.14	17.26	32.60	6.44	12.44			
+MOP	1.05	<b>99.99</b>	<b>99.02</b>	55.50	62.22	17.92	64.46	82.25	13.76	<b>26.17</b>	11.47	76.39	<b>88.60</b>	51.78	1.05	93.82	<b>99.13</b>	49.37	67.12	24.15	35.97				
	+MAGSAC <sub>↑</sub>	16.29	95.60	86.60	61.31	62.02	41.40	66.82	60.03	18.59	25.99	52.31	81.48	51.62	53.22	16.13	96.29	86.49	58.28	67.62	31.04	36.38			
	+MAGSAC <sub>↓</sub>	24.12	<b>96.18</b>	79.11	61.51	<b>63.18</b>	48.15	<b>66.90</b>	53.00	19.12	<b>25.82</b>	63.85	<b>82.14</b>	39.38	53.92	23.46	<b>96.74</b>	79.37	58.33	<b>68.04</b>	31.13	<b>36.92</b>			
+MOP+MiHo	0.52	92.98	<b>99.38</b>	55.14	61.94	11.29	65.28	<b>87.47</b>	13.38	26.27	9.82	76.16	<b>88.71</b>	51.20	0.55	93.73	<b>99.48</b>	48.81	67.27	23.86	36.11				
	+MAGSAC <sub>↑</sub>	16.00	95.65	86.82	61.56	62.00	37.55	68.15	63.12	19.19	26.43	51.73	81.44	51.57	53.90	15.94	96.30	86.67	58.47	67.83	31.17	36.66			
	+MAGSAC <sub>↓</sub>	23.83	96.22	79.33	61.47	63.27	44.58	68.15	55.74	<b>19.51</b>	26.20	63.24	82.11	39.44	53.87	23.30	<b>96.75</b>	79.52	<b>58.57</b>	<b>68.19</b>	<b>31.24</b>	<b>36.94</b>			
+MOP+MiHo+NCC	0.52	88.00	<b>94.50</b>	34.22	63.86	11.29	<b>62.91</b>	<b>86.28</b>	8.81	<b>27.50</b>	9.82	77.08	<b>93.21</b>	51.73	0.55	87.02	<b>92.33</b>	26.58	67.76	9.80	36.86				
	+MAGSAC <sub>↑</sub>	21.47	<b>96.29</b>	82.26	58.07	64.09	39.72	<b>68.00</b>	61.91	18.95	<b>26.51</b>	33.54	<b>81.59</b>	73.66	<b>54.75</b>	26.14	<b>96.29</b>	76.44	52.04	66.98	26.94	36.42			
	+MAGSAC <sub>↓</sub>	25.54	96.64	78.37	59.01	62.86	44.73	68.13	56.75	19.34	<b>27.05</b>	42.52	81.91	63.89	54.51	30.55	96.63	72.17	52.74	66.79	27.52	35.82			
+MOP+NCC	1.05	87.74	<b>93.81</b>	33.18	63.06	17.92	62.01	<b>80.76</b>	8.52	<b>27.29</b>	11.47	77.20	<b>92.41</b>	51.55	1.05	86.79	91.65	25.69	67.85	9.87	<b>37.03</b>				
	+MAGSAC <sub>↑</sub>	22.05	96.09	81.58	56.91	63.49	43.30	66.70	58.99	18.51	26.42	33.84	81.66	73.71	<b>55.02</b>	26.43	96.21	76.11	51.35	67.03	26.94	36.67			
	+MAGSAC <sub>↓</sub>	26.22	<b>96.49</b>	77.62	57.28	62.94	47.93	<b>66.72</b>	54.06	18.81	26.73	43.10	82.00	63.53	<b>55.26</b>	30.72	96.56	71.97	52.11	66.81	27.42	36.36			
+NCC	0.00	77.88	<b>82.02</b>	27.66	46.89	0.00	61.52	<b>89.88</b>	7.50	24.24	0.00	58.44	66.85	45.46	0.00	77.15	81.02	21.77	52.18	7.76	26.41				
	+MAGSAC <sub>↑</sub>	36.81	89.37	62.01	39.43	47.22	40.46	67.30	59.00	16.34	23.60	67.48	79.77	32.28	50.23	43.09	90.73	55.94	36.24	52.75	17.51	26.70			
	+MAGSAC <sub>↓</sub>	42.67	89.84	56.71	40.0																				