

Pipeline	MegaDepth						ScanNet						Planar						IMC PhotoTourist						
	Filtered	Precision	Recall	AUC <sup>F</sup> <sub>Z</sub>	AUC <sup>E</sup> <sub>Z</sub>	Filtered	Precision	Recall	AUC <sup>F</sup> <sub>Z</sub>	AUC <sup>E</sup> <sub>Z</sub>	Filtered	Precision	Recall	AUC <sup>H</sup> <sub>□</sub>	Filtered	Precision	Recall	AUC <sup>F</sup> <sub>Z</sub>	AUC <sup>E</sup> <sub>Z</sub>	Filtered	Precision	Recall	AUC <sup>F</sup> <sub>□</sub>	AUC <sup>E</sup> <sub>□</sub>	
DeDoDe v2	0.00	68.13	<b>99.99</b>	1.45	65.52	0.00	45.81	<b>99.20</b>	0.50	23.80	0.00	61.15	<b>94.22</b>	4.53	0.00	65.00	<b>100.00</b>	1.43	69.75	0.90	39.93				
	+MAGSAC <sub>↑</sub>	41.97	92.08	79.43	54.70	65.19	55.42	<b>57.43</b>	50.08	18.48	25.67	63.94	<b>81.71</b>	47.91	<b>52.57</b>	44.09	89.64	77.33	48.58	67.23	<b>26.70</b>	38.01			
	+MAGSAC <sub>↓</sub>	47.33	<b>92.72</b>	72.49	56.12	65.46	60.83	56.95	42.74	18.46	24.58	73.76	<b>82.67</b>	35.35	52.95	49.71	90.16	69.92	49.95	66.57	<b>27.57</b>	37.42			
+ACNc	36.27	88.65	83.77	26.57	61.72	50.15	<b>55.36</b>	56.91	6.76	22.56	42.86	72.71	69.10	33.08	41.83	88.89	80.26	23.27	65.59	8.50	33.92				
	+MAGSAC <sub>↑</sub>	49.19	<b>94.44</b>	71.22	53.89	61.19	64.63	<b>58.01</b>	39.69	15.23	21.99	69.64	<b>80.53</b>	40.75	48.22	53.27	<b>94.17</b>	68.12	51.49	64.96	25.80	33.65			
	+MAGSAC <sub>↓</sub>	53.54	<b>94.95</b>	65.44	54.19	61.38	68.48	57.87	34.39	15.34	21.91	77.33	<b>81.00</b>	30.81	48.37	57.32	<b>94.61</b>	62.43	52.12	64.89	26.14	33.50			
+AdaLAM	0.00	68.13	<b>99.99</b>	1.45	65.52	0.00	45.81	<b>99.20</b>	0.50	23.80	0.00	61.15	<b>94.22</b>	4.53	0.00	65.00	<b>100.00</b>	1.43	69.75	0.90	39.93				
	+MAGSAC <sub>↑</sub>	41.97	92.08	79.43	54.70	65.19	55.42	<b>57.43</b>	50.08	18.48	25.67	63.94	<b>81.71</b>	47.91	<b>52.57</b>	44.09	89.64	77.33	48.58	67.23	<b>26.70</b>	38.01			
	+MAGSAC <sub>↓</sub>	47.33	<b>92.72</b>	72.49	56.12	65.46	60.83	56.95	42.74	18.46	24.58	73.76	<b>82.67</b>	35.35	52.95	49.71	90.16	69.92	49.95	66.57	<b>27.57</b>	37.42			
+CC	28.94	<b>87.92</b>	91.15	27.05	64.50	31.95	51.89	<b>74.22</b>	1.99	21.95	15.48	70.75	<b>91.78</b>	39.78	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	+MAGSAC <sub>↑</sub>	44.82	<b>94.39</b>	76.46	61.62	64.99	58.93	<b>56.31</b>	45.47	16.02	22.32	63.88	<b>82.26</b>	48.52	53.13	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	+MAGSAC <sub>↓</sub>	49.51	<b>94.96</b>	70.37	<b>62.45</b>	63.95	63.58	55.80	39.06	15.92	23.09	73.53	<b>82.68</b>	35.89	52.58	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
+CLNet	37.67	86.80	<b>79.56</b>	9.05	58.55	60.14	60.30	<b>50.42</b>	2.27	19.43	34.27	72.80	<b>79.12</b>	39.32	43.20	<b>87.73</b>	77.00	11.72	62.85	3.67	32.06				
	+MAGSAC <sub>↑</sub>	50.61	92.63	67.22	45.63	58.21	71.32	<b>62.43</b>	36.05	9.66	18.89	65.91	80.23	45.16	51.73	54.97	93.15	64.44	44.47	62.10	21.98	31.62			
	+MAGSAC <sub>↓</sub>	54.82	<b>93.19</b>	61.88	46.37	58.42	74.61	<b>62.36</b>	31.47	10.16	18.21	74.93	<b>80.75</b>	33.74	51.54	58.98	93.58	64.92	44.92	61.95	22.32	31.60			
+ConvMatch	65.98	<b>85.97</b>	50.05	25.37	47.63	67.44	<b>64.24</b>	46.67	8.78	20.49	78.52	<b>68.37</b>	31.49	22.60	61.92	89.17	58.11	29.81	57.49	10.40	26.31				
	+MAGSAC <sub>↑</sub>	72.17	<b>88.24</b>	42.96	37.62	47.74	76.91	<b>65.59</b>	32.28	13.13	21.21	88.64	73.33	18.48	32.09	69.21	<b>92.45</b>	48.89	42.64	57.31	17.88	26.16			
	+MAGSAC <sub>↓</sub>	74.50	<b>88.65</b>	39.55	38.05	47.64	79.63	<b>66.62</b>	27.98	12.76	20.42	<b>91.15</b>	73.92	14.83	32.19	71.94	92.85	44.66	43.15	57.44	18.24	26.39			
+DeMatch	51.58	88.40	<b>65.18</b>	25.71	55.70	62.96	61.26	48.90	5.93	20.56	63.15	73.22	46.84	34.90	54.50	88.96	<b>65.11</b>	27.37	60.98	10.51	29.96				
	+MAGSAC <sub>↑</sub>	60.86	<b>93.17</b>	55.48	43.23	55.20	73.43	<b>63.02</b>	33.97	11.25	20.06	79.35	<b>80.49</b>	28.83	43.99	63.47	93.60	54.64	45.13	60.41	21.40	29.52			
	+MAGSAC <sub>↓</sub>	64.13	<b>93.66</b>	51.05	44.58	55.29	76.48	<b>63.05</b>	29.51	11.40	20.15	84.09	81.05	22.44	42.52	66.70	94.03	49.94	45.51	60.40	21.65	29.64			
+FC-GNN	35.70	88.47	84.89	5.81	<b>67.65</b>	46.24	55.08	63.54	1.46	<b>28.24</b>	31.79	73.66	84.25	27.91	39.90	86.27	80.50	7.35	<b>70.72</b>	3.69	<b>41.18</b>				
	+MAGSAC <sub>↑</sub>	42.00	<b>95.01</b>	81.14	<b>62.33</b>	66.52	62.27	62.71	48.62	<b>21.20</b>	<b>27.65</b>	52.83	81.42	61.91	52.33	46.79	93.21	76.07	<b>56.34</b>	69.54	<b>32.72</b>	<b>40.13</b>			
	+MAGSAC <sub>↓</sub>	43.61	<b>95.28</b>	79.07	<b>63.77</b>	<b>66.86</b>	64.99	<b>62.61</b>	44.75	<b>21.76</b>	<b>28.17</b>	61.19	<b>81.30</b>	51.32	<b>51.94</b>	48.43	93.47	73.85	<b>57.23</b>	69.30	<b>33.33</b>	39.72			
+GMS	35.28	84.67	79.47	20.52	63.31	34.47	52.34	<b>72.11</b>	1.66	22.20	35.76	71.53	74.96	33.14	41.39	84.78	<b>75.61</b>	15.59	65.32	6.55	36.27				
	+MAGSAC <sub>↑</sub>	50.03	92.41	66.79	60.34	63.82	61.27	56.99	43.25	16.42	21.47	67.33	80.63	42.77	49.86	55.34	92.37	62.59	52.85	64.45	29.57	35.61			
	+MAGSAC <sub>↓</sub>	54.28	<b>92.94</b>	61.47	60.70	63.26	65.71	<b>56.36</b>	37.11	16.26	21.84	76.02	80.97	31.60	50.17	59.31	92.79	57.27	<b>53.34</b>	64.15	29.83	35.25			
+MS <sup>2</sup> DG-Net	72.45	83.39	37.19	1.26	47.41	70.63	54.46	34.68	0.23	12.31	77.04	66.53	27.37	0.00	71.35	<b>80.62</b>	38.93	0.81	48.92	0.39	21.26				
	+MAGSAC <sub>↑</sub>	<b>79.49</b>	91.85	31.19	44.19	46.00	81.00	<b>57.11</b>	21.56	7.08	12.00	88.92	77.26	16.02	34.66	78.81	88.87	32.30	35.14	48.26	14.38	21.04			
	+MAGSAC <sub>↓</sub>	<b>81.11</b>	<b>92.37</b>	28.85	44.85	46.90	<b>82.81</b>	56.63	18.89	7.30	11.74	<b>91.40</b>	78.02	12.52	32.94	<b>80.56</b>	89.25	29.69	36.13	47.95	15.12	20.88			
+NCNNet	36.94	<b>87.89</b>	<b>81.66</b>	8.97	58.90	60.19	<b>61.93</b>	52.13	4.17	21.60	32.51	<b>72.49</b>	<b>80.82</b>	39.38	41.67	89.05	<b>80.63</b>	12.81	<b>63.42</b>	4.23	32.30				
	+MAGSAC <sub>↑</sub>	49.86	<b>93.73</b>	69.12	47.03	58.91	71.50	<b>64.25</b>	37.63	12.21	20.63	64.81	<b>80.00</b>	46.39	51.89	53.57	94.10	67.48	44.75	62.73	21.47	31.54			
	+MAGSAC <sub>↓</sub>	54.12	94.22	63.57	47.67	58.75	74.98	61.17	32.65	12.17	21.07	74.28	80.16	34.18	51.49	57.68	<b>94.54</b>	61.71	45.03	62.61	21.74	31.66			
+OANet	71.66	<b>87.93</b>	38.28	11.25	49.22	79.95	49.08	19.35	2.15	10.51	80.47	<b>71.27</b>	25.80	11.70	74.87	88.18	36.17	12.63	51.54	3.46	22.58				
	+MAGSAC <sub>↑</sub>	76.92	92.92	32.98	35.82	47.97	<b>83.90</b>	49.99	14.59	5.35	9.75	88.91	79.18	15.73	39.79	<b>79.38</b>	92.73	31.02	33.43	50.90	13.61	22.20			
	+MAGSAC <sub>↓</sub>	<b>78.79</b>	93.36	30.42	36.47	48.33	<b>85.16</b>	49.90	12.90	5.42	9.62	<b>91.40</b>	79.88	12.17	39.00	<b>81.10</b>	93.11	28.50	33.90	50.58	13.82	21.94			
+MOP	16.42	78.18	<b>97.59</b>	3.24	66.52	13.11	49.21	<b>93.08</b>	0.93	24.28	21.44	67.83	<b>89.58</b>	21.89	17.97	76.35	<b>97.24</b>	4.81	<b>69.97</b>	2.41	39.89				
	+MAGSAC <sub>↑</sub>	42.39	<b>93.44</b>	79.74	57.82	65.85	56.17	<b>57.89</b>	49.94	18.39	24.92	63.99	<b>81.74</b>	48.69	<b>55.46</b>	45.01	91.13	77.20	51.89	67.93	29.28	38.28			
	+MAGSAC <sub>↓</sub>	47.61	<b>94.06</b>	72.90	<b>59.56</b>	65.59	61.37	<b>57.29</b>	42.67	18.45	24.60	73.90	<b>82.56</b>	35.85	<b>53.57</b>	50.38	91.64	69.99	53.09	67.40	<b>30.05</b>	37.90			
+MOP+MiHo	9.62	73.39	<b>99.19</b>	2.13	<b>67.04</b>	7.12	47.60	<b>96.29</b>	0.68	23.79	16.32	65.17	<b>90.76</b>	13.61	10.71	71.24	<b>99.92</b>	2.66	<b>70.07</b>	1.44	<b>40.06</b>				
	+MAGSAC <sub>↑</sub>	42.13	<b>92.63</b>	79.61	55.86	65.73	55.72	<b>57.49</b>	50.10	18.17	25.71	63.87	<b>82.06</b>	48.71	<b>53.24</b>	44.41	90.30	77.44	50.29	67.55	28.08	38.03			
	+MAGSAC <sub>↓</sub>	47.44	<b>93.33</b>	72.79	57.01	65.23	61.01	<b>57.22</b>	42.99	18.76	24.74	73.61	<b>82.50</b>	35.81	<b>52.75</b>	49.93	90.82	70.09	51.49	66.77	46.63	65.42	24.76	35.83	
+MOP+MiHo+NCC	9.62	70.48	<b>95.46</b>	2.09	<b>66.60</b>	7.12	46.70	<b>95.96</b>	0.69	24.90	16.32	66.94	<b>94.16</b>	13.66	10.71	67.47	<b>93.40</b>	2.62	<b>68.67</b>	1.42	<b>38.41</b>				
	+MAGSAC <sub>↑</sub>	44.22	<b>93.50</b>	77.88	53.33	65.29	54.59	57.63	51.95	17.94	26.16	49.00	81.65	48.35	53.45	48.35	90.38	7							