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Seq.	ICP-po2po		ICP-po2pl		GICP [28]		CLS [32]		LOAM [43] ¹		Velas et al. [33] ²		LO-Net		LO-Net+Mapping	
	trel	r_{rel}	t_{rel}	r_{rel}	t_{rel}	r_{rel}	t_{rel}	r_{rel}	t_{rel}	r_{rel}	t_{rel}	r_{rel}	trel	r_{rel}	t_{rel}	r_{rel}
00†	6.88	2.99	3.80	1.73	1.29	0.64	2.11	0.95	1.10 (0.78)	0.53	3.02	NA	1.47	0.72	0.78	0.42
01†	11.21	2.58	13.53	2.58	4.39	0.91	4.22	1.05	2.79 (1.43)	0.55	4.44	NA	1.36	0.47	1.42	0.40
02†	8.21	3.39	9.00	2.74	2.53	0.77	2.29	0.86	1.54 (0.92)	0.55	3.42	NA	1.52	0.71	1.01	0.45
03†	11.07	5.05	2.72	1.63	1.68	1.08	1.63	1.09	1.13 (0.86)	0.65	4.94	NA	1.03	0.66	0.73	0.59
04†	6.64	4.02	2.96	2.58	3.76	1.07	1.59	0.71	1.45 (0.71)	0.50	1.77	NA	0.51	0.65	0.56	0.54
05†	3.97	1.93	2.29	1.08	1.02	0.54	1.98	0.92	0.75 (0.57)	0.38	2.35	NA	1.04	0.69	0.62	0.35
06†	1.95	1.59	1.77	1.00	0.92	0.46	0.92	0.46	0.72 (0.65)	0.39	1.88	NA	0.71	0.50	0.55	0.33
07*	5.17	3.35	1.55	1.42	0.64	0.45	1.04	0.73	0.69 (0.63)	0.50	1.77	NA	1.70	0.89	0.56	0.45
08*	10.04	4.93	4.42	2.14	1.58	0.75	2.14	1.05	1.18 (1.12)	0.44	2.89	NA	2.12	0.77	1.08	0.43
09*	6.93	2.89	3.95	1.71	1.97	0.77	1.95	0.92	1.20 (0.77)	0.48	4.94	NA	1.37	0.58	0.77	0.38
10^{*}	8.91	4.74	6.13	2.60	1.31	0.62	3.46	1.28	1.51 (0.79)	0.57	3.27	NA	1.80	0.93	0.92	0.41
mean [†]	7.13	3.08	5.15	1.91	2.23	0.78	2.11	0.86	1.35 (0.85)	0.51	3.12	NA	1.09	0.63	0.81	0.44
mean*	7.76	3.98	4.01	1.97	1.38	0.65	2.15	1.00	1.15 (0.83)	0.50	3.22	NA	1.75	0.79	0.83	0.42
Ford-1	8.20	2.64	3.35	1.65	3.07	1.17	10.54	3.90	1.68	0.54	NA	NA	2.27	0.62	1.10	0.50
Ford-2	16.23	2.84	5.68	1.96	5.11	1.47	14.78	4.60	1.78	0.49	NA	NA	2.18	0.59	1.29	0.44
¹ : The ² : The [†] : The *: The	results o results o sequence sequence	n KITTI n KITTI es of KIT es of KIT	dataset o dataset a TTI datas TTI datas	putside the taken of ta	the brack from [3 we used to the not us	ets are of 3], and t o train L ed to tra	btained b he results O-Net. in LO-Ne	y runnin s on Forc et.	g the code, and I dataset are no	l those in t availat	n the brac ble.	kets are ta	ken fron	n [43].		

Q. Li, C. Wang. LO-Net: Deep Real-time LiDAR Odometry, CVPR2019

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三维点云的深度特征建模 Point2Node: Correlation Learning of Dynamic-Node for Point Cloud Feature Modeling AAAI2020 (oral)















S Zhang, C Wang, ISPRS JPRS 2019

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