Category	Chamfer			EMD		
	Baseline	PSGN	3D-LMNet	Baseline	PSGN	3D-LMNet
airplane	3.61	3.74	**3.34**	7.42	6.38	**4.77**
bench	4.70	4.63	**4.55**	5.66	5.88	**4.99**
cabinet	7.42	6.98	**6.09**	9.58	**6.04**	6.35
car	4.67	5.20	**4.55**	4.74	4.87	**4.10**
chair	6.51	**6.39**	6.41	8.99	9.63	**8.02**
lamp	7.32	**6.33**	7.10	20.96	16.17	**15.80**
monitor	6.76	**6.15**	6.40	9.18	7.59	**7.13**
rifle	2.99	2.91	**2.75**	9.30	8.48	**6.08**
sofa	6.11	6.98	**5.85**	6.40	7.42	**5.65**
speaker	9.05	8.75	**8.10**	11.29	**8.70**	9.15
table	6.16	**6.00**	6.05	9.51	8.40	**7.82**
telephone	5.13	**4.56**	4.63	8.64	**5.07**	5.43
vessel	4.70	4.38	**4.37**	7.88	6.18	**5.68**
mean	5.78	5.62	**5.40**	9.20	7.75	**7.00**