40 utterances

AutoVC

Iteration	1000	5000	10000	20000	50000	100000	200000
time	0:01:45	0:08:29	0:17:18	0:35:02	1:30:07	3:01:14	5:56:49
Reconstruction loss	0.2196	0.0951	0.0279	0.0157	0.0153	0.0168	0.0121
MI	0.7453	0.6973	0.5674	0.6798	0.6301	0.6721	0.6649
PESQ_wb	1.4279	1.7004	1.7852	1.7101	1.6863	1.9056	1.8855
PESQ_nb	1.6050	1.8061	1.7252	1.6556	1.6810	2.0346	1.9282

AutoVC with cycle loss

Iteration	1000	5000	10000	20000	50000	100000	200000
time	0:02:59	0:15:02	0:30:06	0:59:38	2:28:24	4:56:27	9:52:29
Reconstruction loss	0.2264	0.1014	0.0327	0.0158	0.0134	0.0117	0.0116
MI	0.2587	0.2769	0.3730	0.1422	0.2706	0.2523	0.1894
PESQ_wb	1.2006	1.3106	1.5955	1.6830	1.6344	1.6364	1.6846
PESQ_nb	1.1980	1.2852	1.5016	1.7235	1.5344	1.5435	1.6997

enough data

AutoVC

Iteration	1000	5000	10000	20000	50000	100000	200000	300000
time	0:06:30	0:36:17	1:12:38	2:25:20	6:03:30	12:07:47	24:15:37	36:22:05
Reconstruction loss	0.2502	0.1026	0.0356	0.0305	0.0286	0.0320	0.0295	0.0308
MI	\	0.0990	0.1044	0.0836	0.0849	0.0790	0.0780	0.0874
PESQ_wb	\	2.1175	2.2385	1.9850	2.0147	1.9940	1.9408	1.9823
PESQ_nb	\	2.6411	2.5061	2.1703	2.2086	2.1848	2.1714	2.1703

AutoVC with cycle loss

Iteration	1000	5000	10000	20000	50000	100000	200000	300000
time	0:13:57	1:09:41	2:19:23	4:38:47	11:41:50	23:27:14	46:56:04	70:05:45
Reconstruction loss	0.2171	0.0839	0.0111	0.0037	0.0026	0.0021	0.0015	0.0013
MI	\	0.0950	0.1053	0.1546	0.1296	0.1099	0.1302	0.1292
PESQ_wb	\	2.6733	3.4456	3.9143	4.0369	4.0473	3.9488	4.0434
PESQ_nb	\	3.1534	3.7783	4.1137	4.1867	4.1950	4.1458	4.1830