Video generation results

Action-conditioned video generation results

Image-to-video translation

Video generation

	Average Content Distance	Motion Control Score
VGAN	5.02	0.322
MoCoGAN	**1.79**	**0.201**

Image-to-video translation

Average Content Distance (ACD)

	Shape Motion	Facial Expressions
VGAN	5.02	0.322
TGAN	2.08	0.305
MoCoGAN	**1.79**	**0.201**

User Preference Score

	Facial Expressions	Tai-Chi
MoCoGAN / VGAN	**84.2** / 15.8	**75.4** / 24.6
MoCoGAN / TGAN	**54.7** / 45.3	**68.0** / 32.0

Inception Score

	UCF101
VGAN	8.18 ± .05
TGAN	11.85 ± .07
MoCoGAN	**12.42 ± .03**

User Preference Score, %

	Tai-Chi
MoCoGAN / VGAN	**66.9** / 33.1
MoCoGAN / MCNET	**65.6** / 34.4

Quantitative evaluation