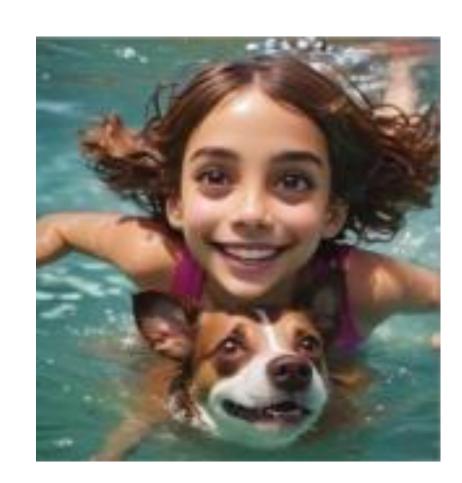
Controllable Consistency in Image or Video Generation via Reference Feature Guidance

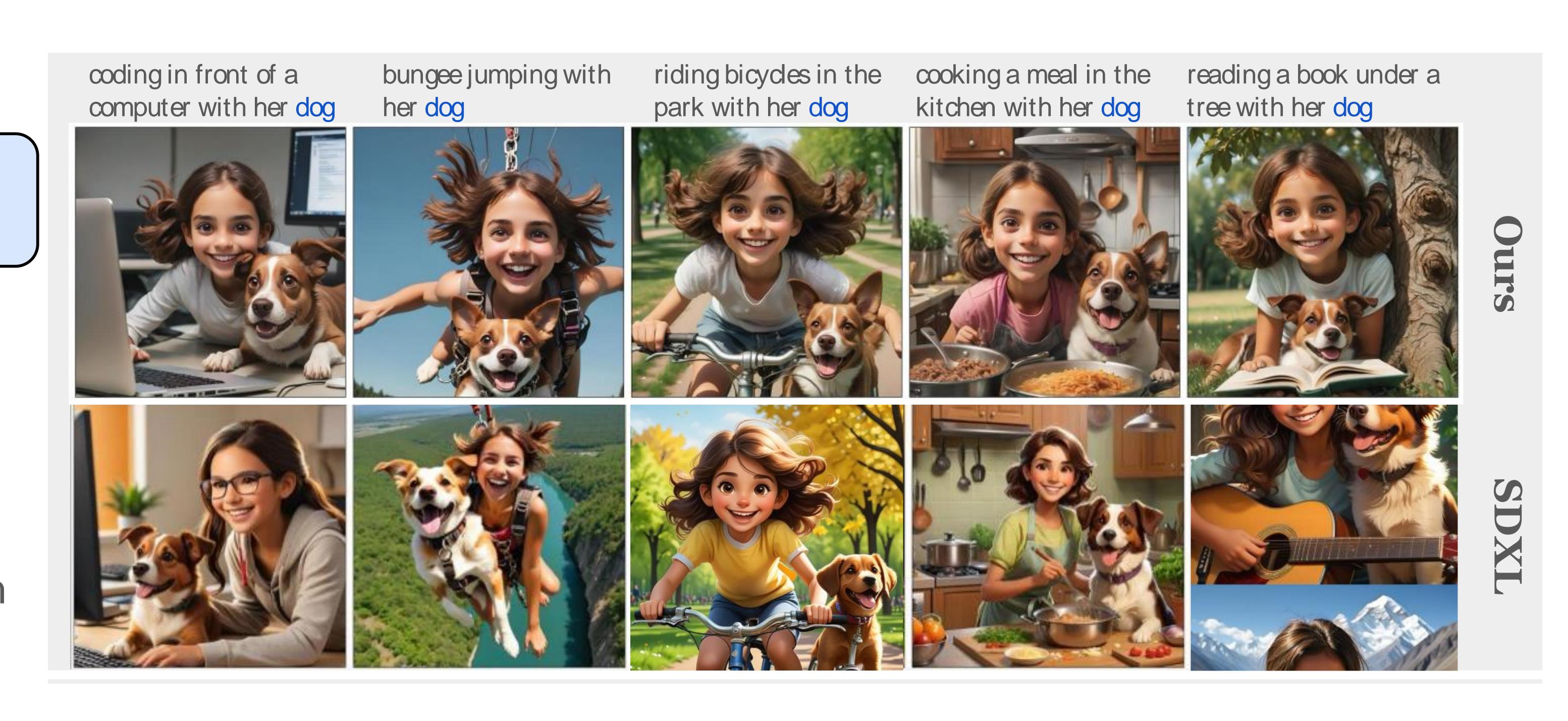
Jiaojiao Fan, Haotian Xue, Qinsheng Zhang, Yongxin Chen

Georgia Tech, NVIDIA

Multi-Subject Consistency



"A happy girl with brown eyes is ..."







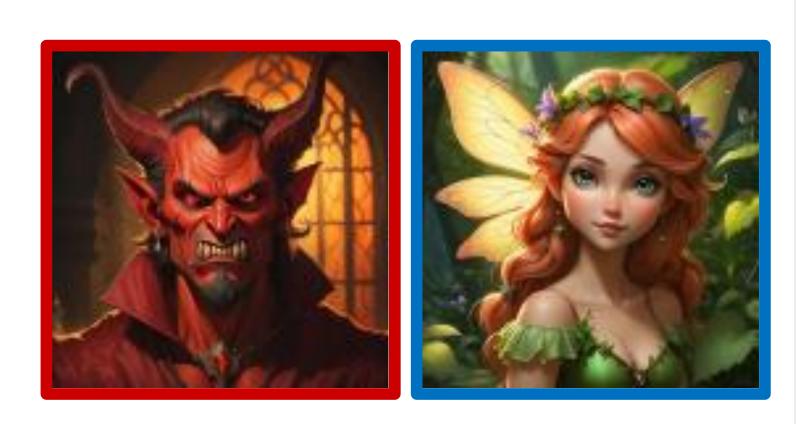


Controllable Consistency in Image or Video Generation via Reference Feature Guidance

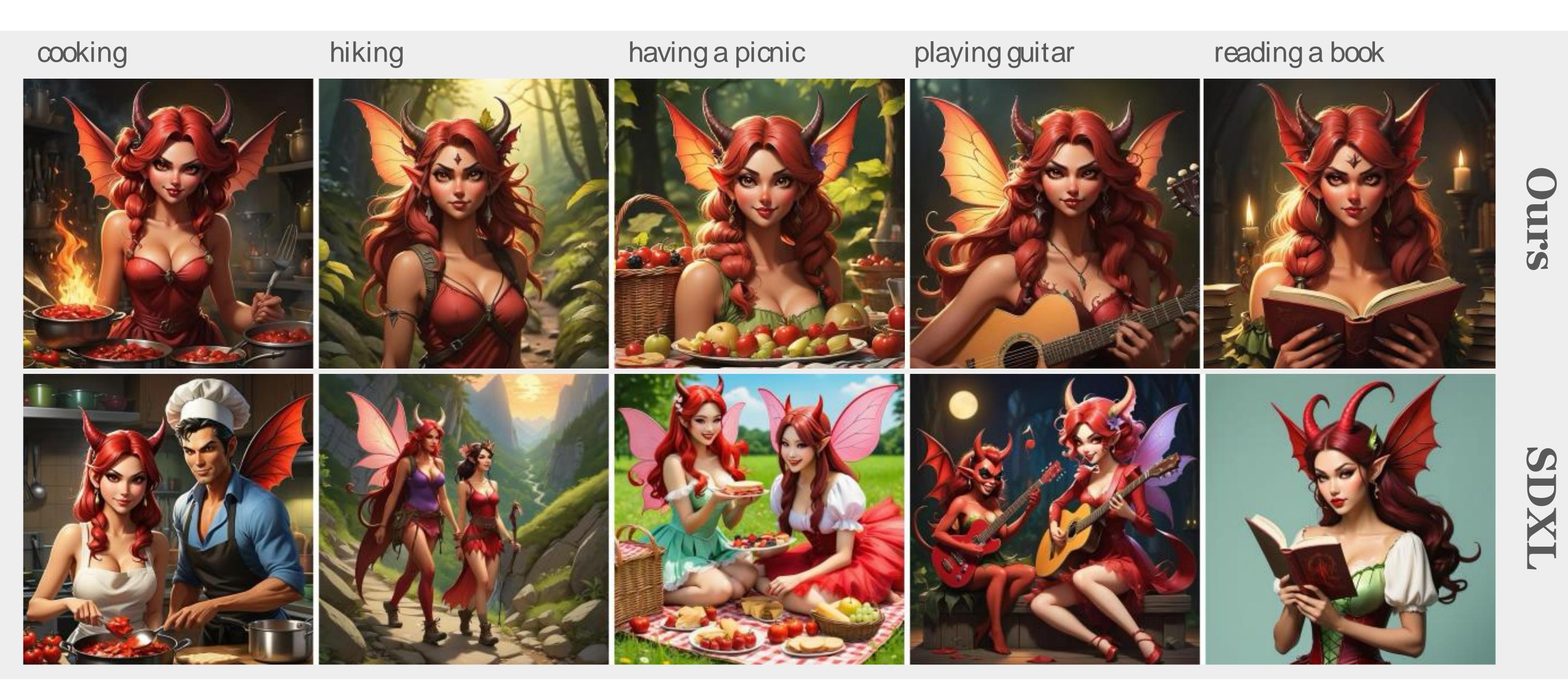
Jiaojiao Fan, Haotian Xue, Qinsheng Zhang, Yongxin Chen

Georgia Tech, NVIDIA

Blend feature



"A half devil and half fairy woman is ..."









Controllable Consistency in Image or Video Generation via Reference Feature Guidance

Jiaojiao Fan, Haotian Xue, Qinsheng Zhang, Yongxin Chen

Georgia Tech, NVIDIA





Subject Image





Stable Video Diffusion

Ours







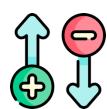
Controllable Consistency in Image or Video Generation via Reference Feature Guidance

RefDrop is a training-free, plug-and-play method that provides flexible control over the consistency in image and video generation

Major benefits



Training-free



Allow negative consistency



Allow single reference image



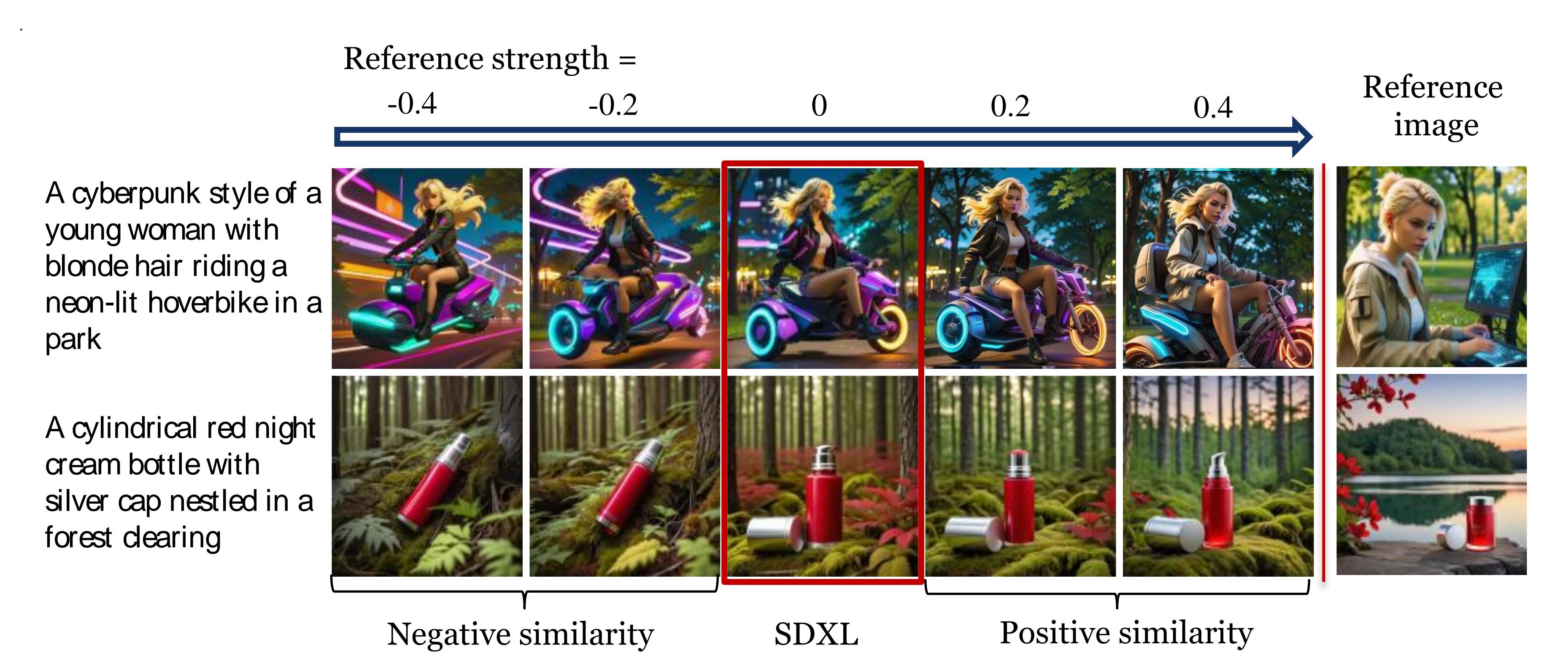
☐ Handle both image and video consistency







Controllable Consistency in Image or Video Generation via Reference Feature Guidance

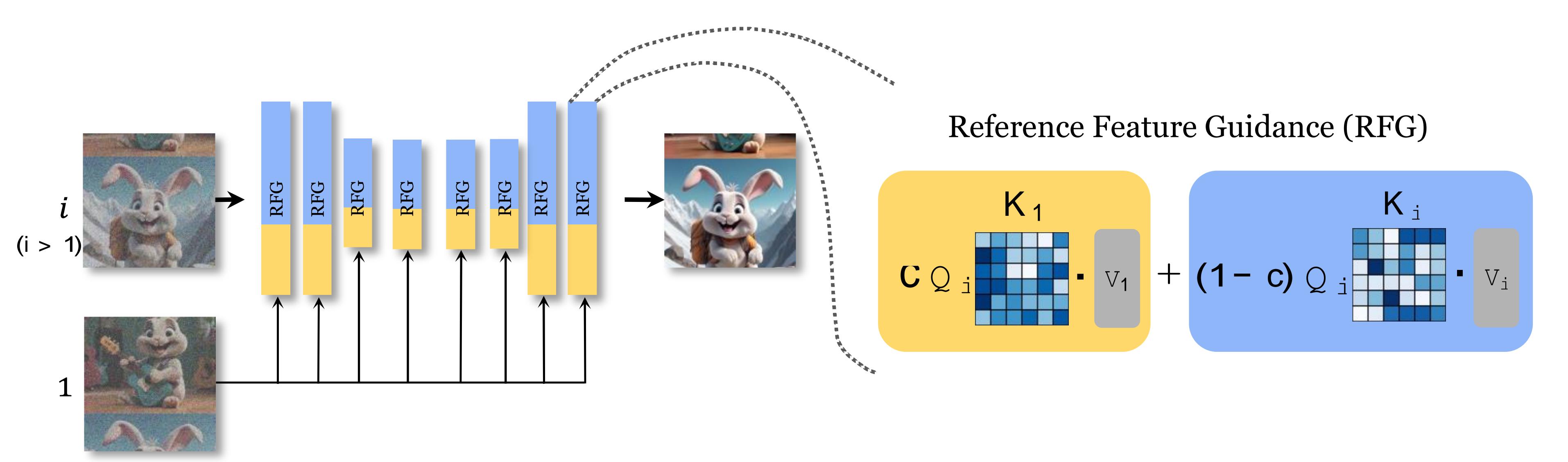






Controllable Consistency in Image or Video Generation via Reference Feature Guidance

Method







Controllable Consistency in Image or Video Generation via Reference Feature Guidance

Evaluation

