Appendix A. Human Preference Study

We conduct two distinct human preference studies. The first one involves evaluating the overall video editing quality of our model and baselines. We collect feedback from 62 participants who are asked to rate scores on a 5-point scale from 1-5 by taking into account three key factors as follows:

- **Background Preservation** Edited video preserves unedited details of the original video.
- **Text Alignment** Edited video matches the target edit description provided.
- **Video Realism** The overall visual quality and smoothness of the edited video.

In the second study, we measure the effectiveness of our proposed TC Blending technique in terms of the background inconsistency problem. We check this by assessing the degree of preservation and consistency of the background in the presence or absence of the TC Blending technique. Once again, we ask 49 participants to provide feedback, with scores related to background preservation.

Appendix B. Additional Samples

We show several additional samples in this section. First, various examples of our model are in Fig. 1, 2. We also compare the generated samples of our model and several baselines in Fig. 3. In addition, samples according to the adjustment of various hyperparameters of attention injection are shown in Fig. 4.
Training video A man is dribbling a basketball

A Lionel Messi is dribbling a basketball.

A raccoon is dribbling a basketball.

A oil painting that a man is dribbling a basketball.

A man is dribbling a basketball, Renoir style.

Training video A man is running

A zombie is running.

A werewolf is running.

A pencil sketch that a man is running.

A man is running, pixar style.

Figure 1: Qualitative Results Additional selected samples for our model.
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Training video A man is playing a guitar

A bear is playing a guitar.

A monkey is playing a guitar.

A man is playing a guitar, cartoon style.

A man is playing a guitar, Matisse style.

Training video A cow is walking

A zebra is walking.

A bull is walking.

A cow is walking, on the snow.

A cow is walking, on the desert.

Figure 2: Qualitative Results Additional selected samples for our model.
Figure 3: Baseline Comparison Additional samples for our model and baselines.
Figure 4: **Attention Injection Analysis** Samples according to attention injection hyper-parameters.