

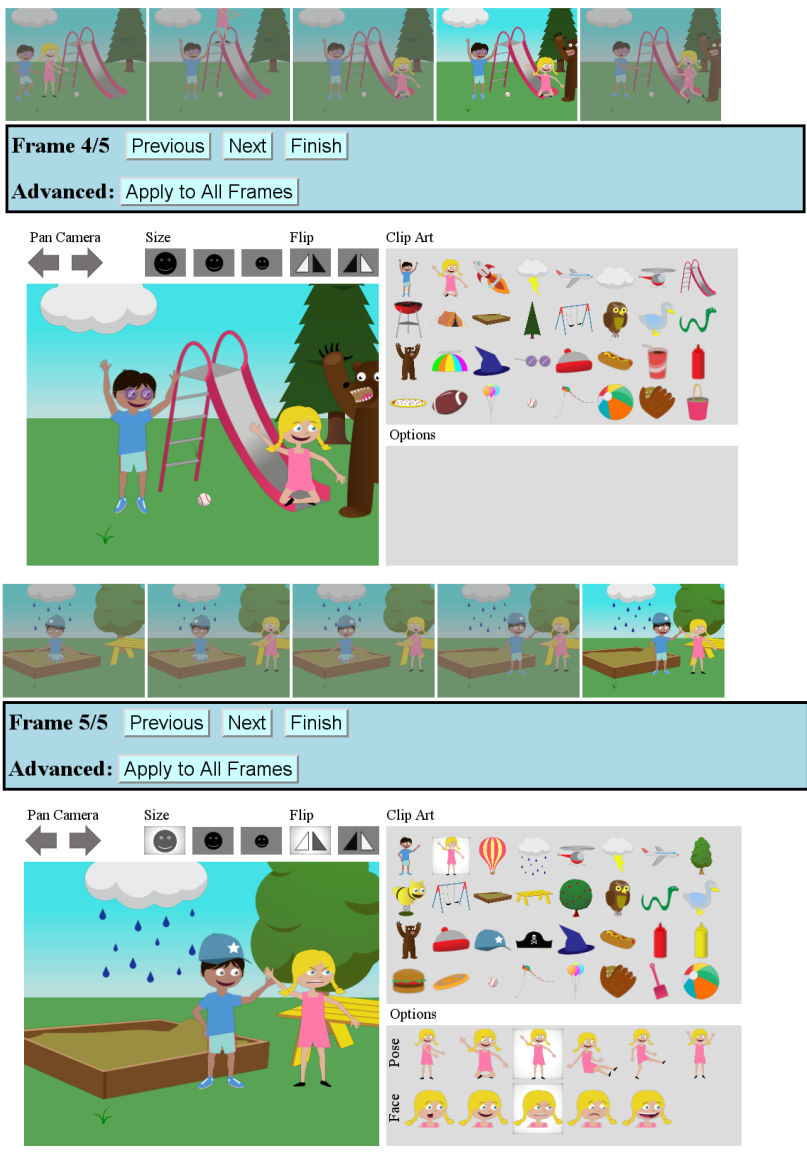
# Predicting Object Dynamics in Scenes

## Supplementary Material

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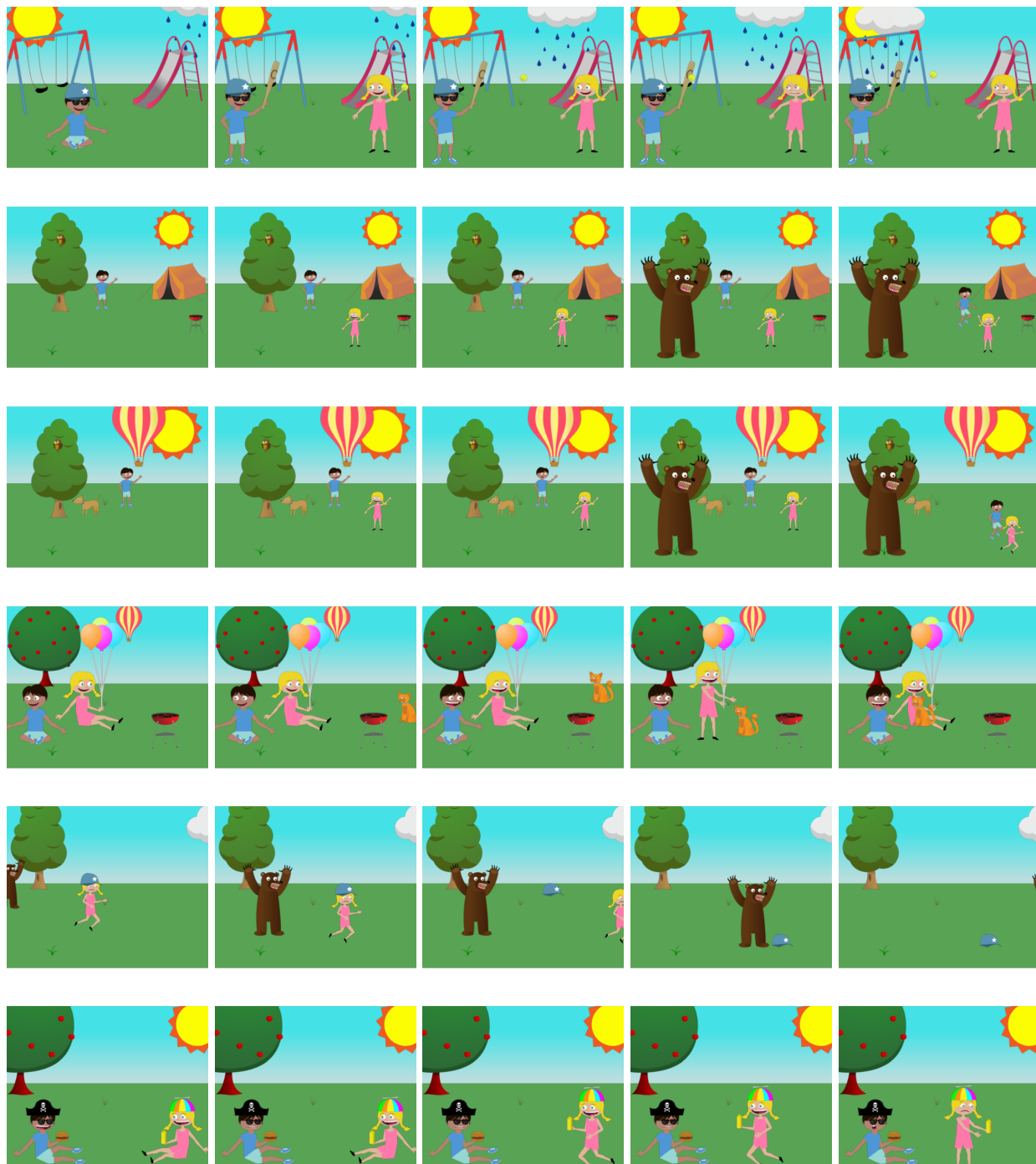
### 1 Interface Demo

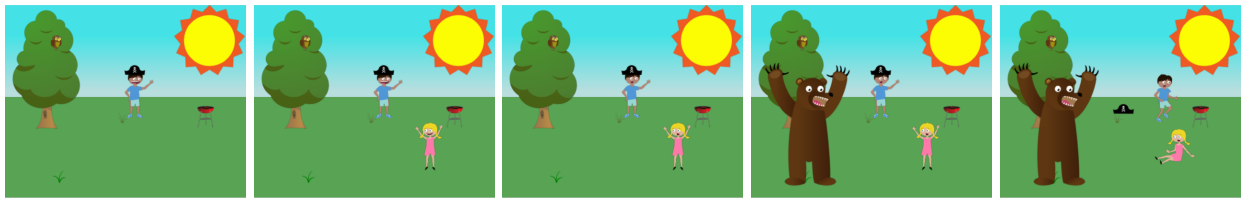
Here we show screenshots of our interface for collecting stories. On the top, note that the user can go back in the sequence; on the bottom, note that the user can select the pose and facial expression of the girl.



## 2 Story Examples

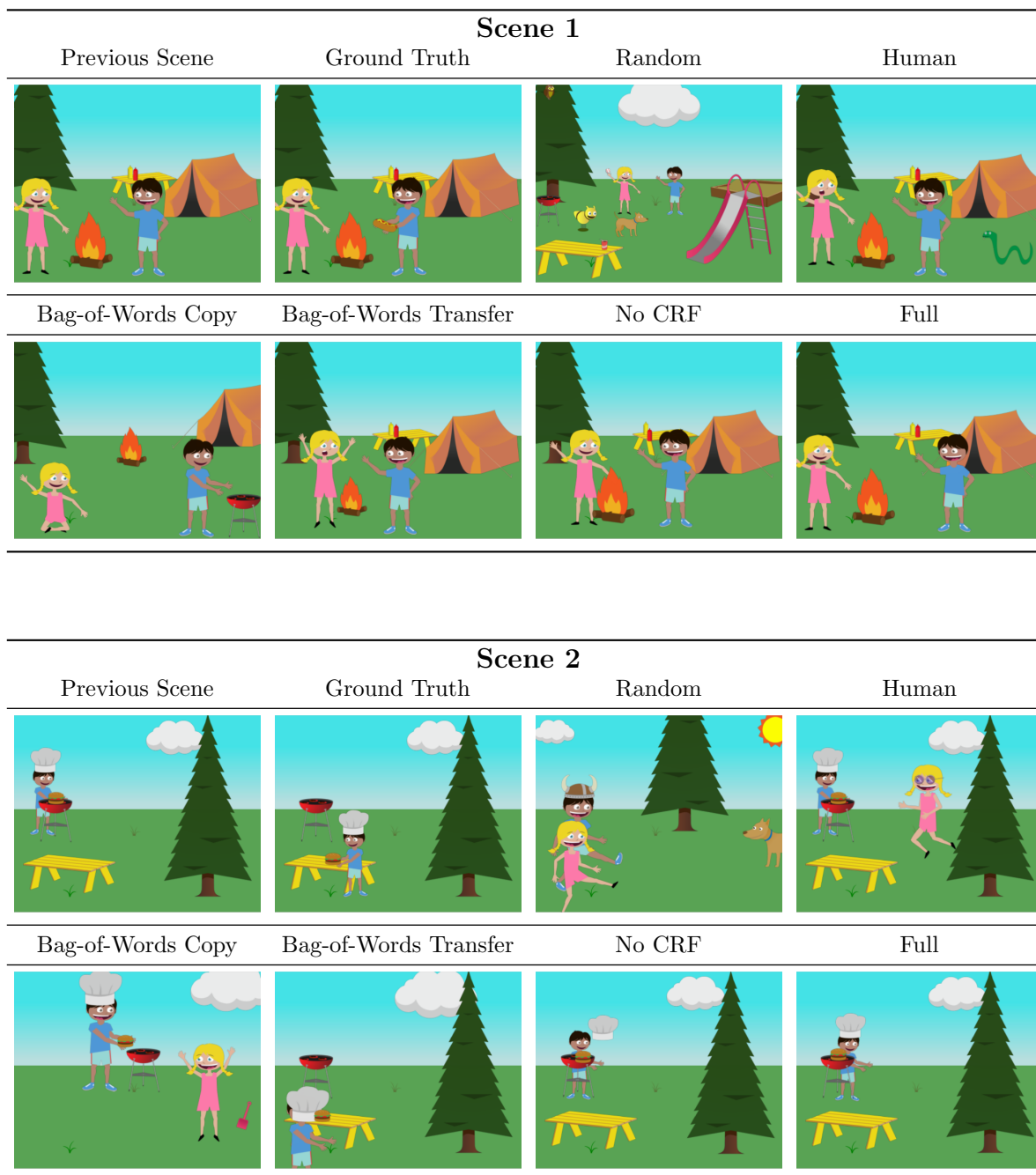
Here we show 10 example sequences created by workers on Amazon Mechanical Turk (AMT).



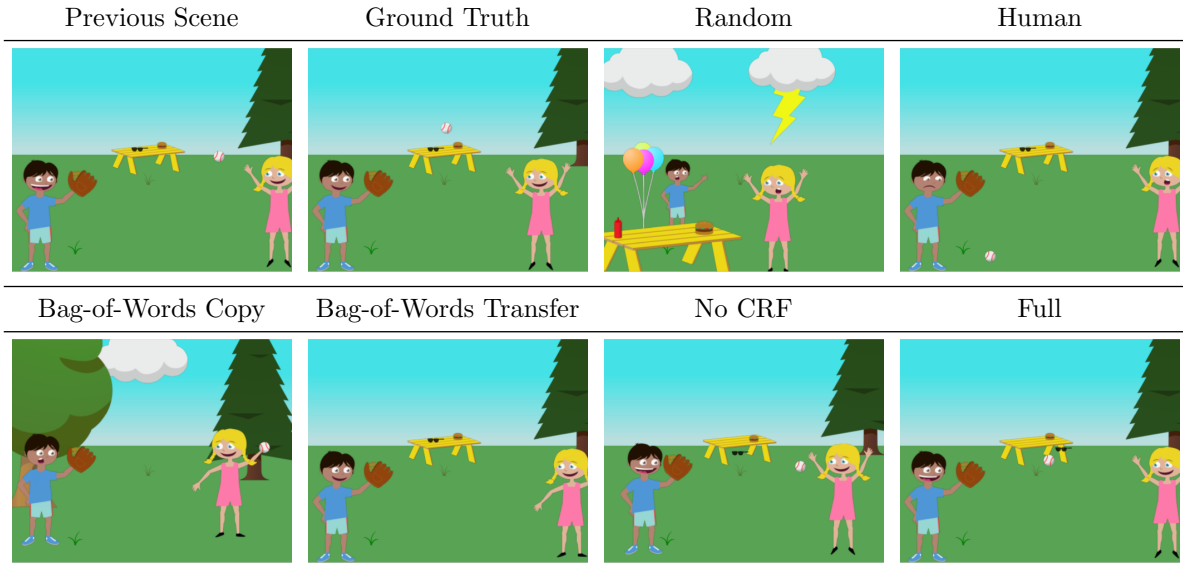


### 3 Additional Predictions

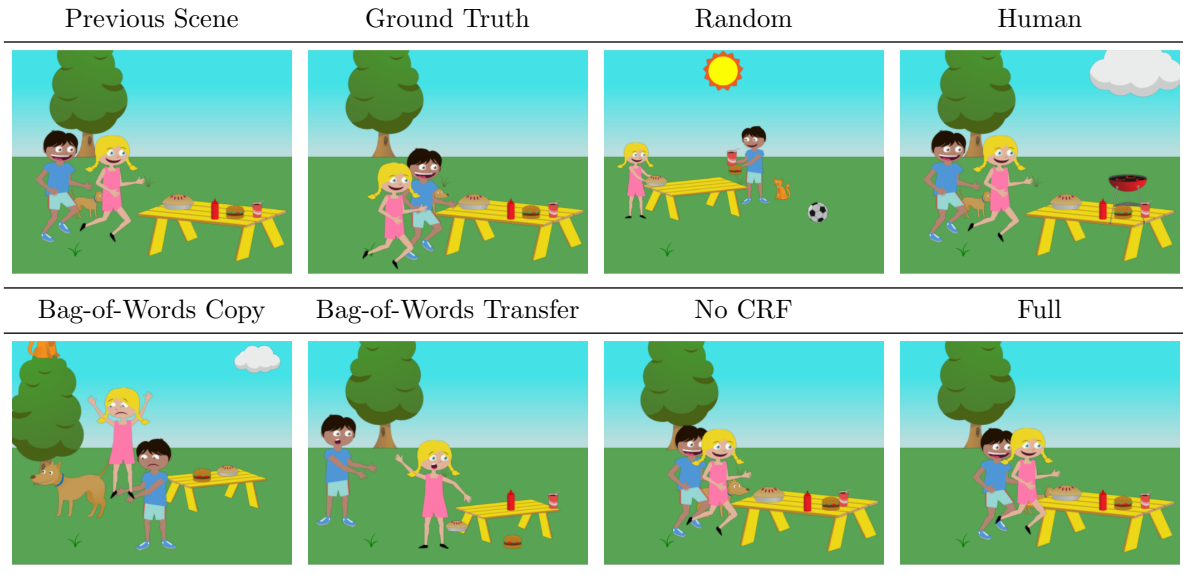
Here we show 10 additional predictions; these are sampled randomly. Note how copying the scene (BOW Copy, Random) results in continuity errors and how transferring motions or predicting without a CRF (No CRF) results does not enforce consistency in scene dynamics (e.g., in Scene 2).



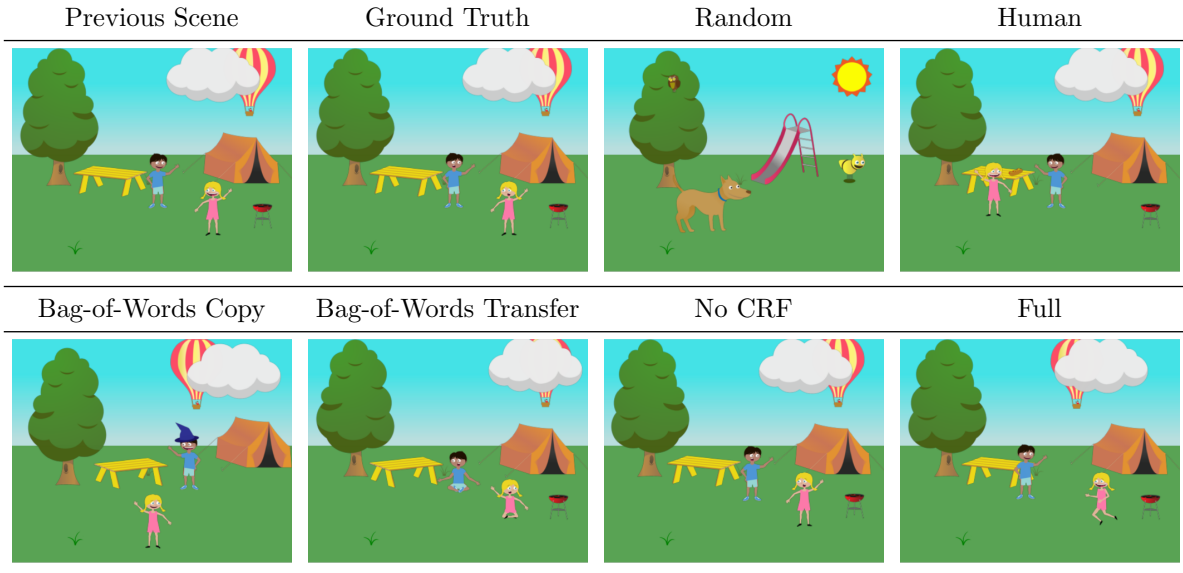
### Scene 3



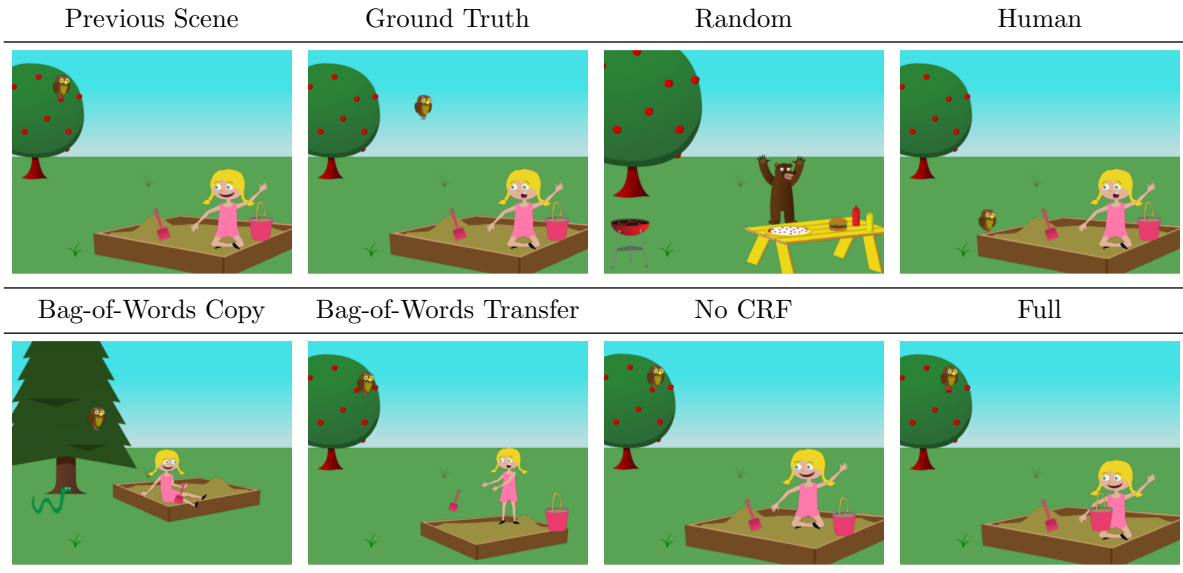
### Scene 4



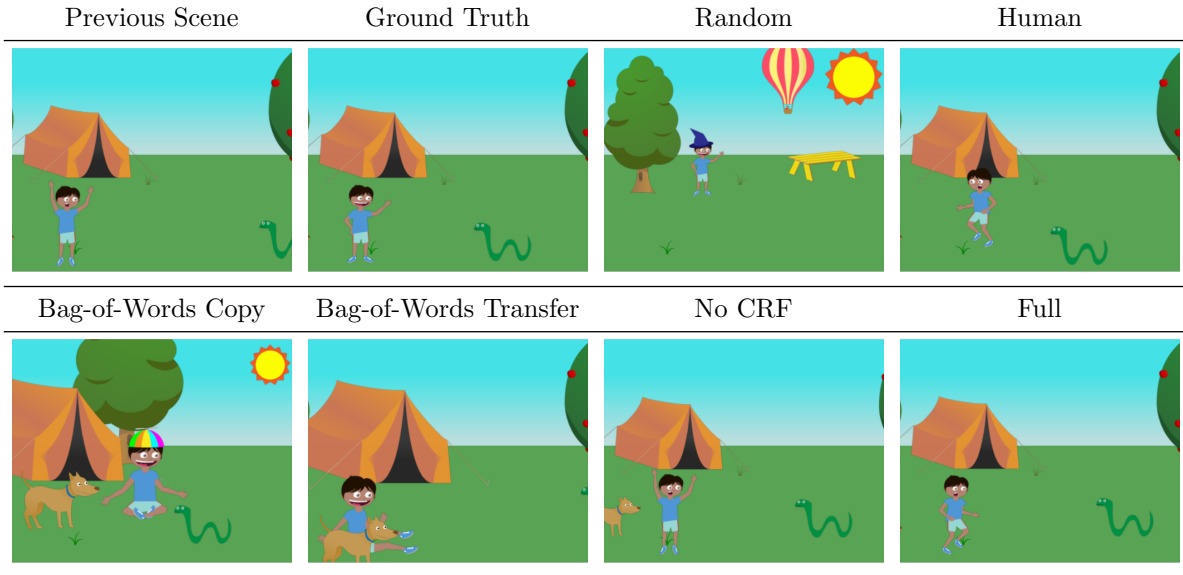
### Scene 5



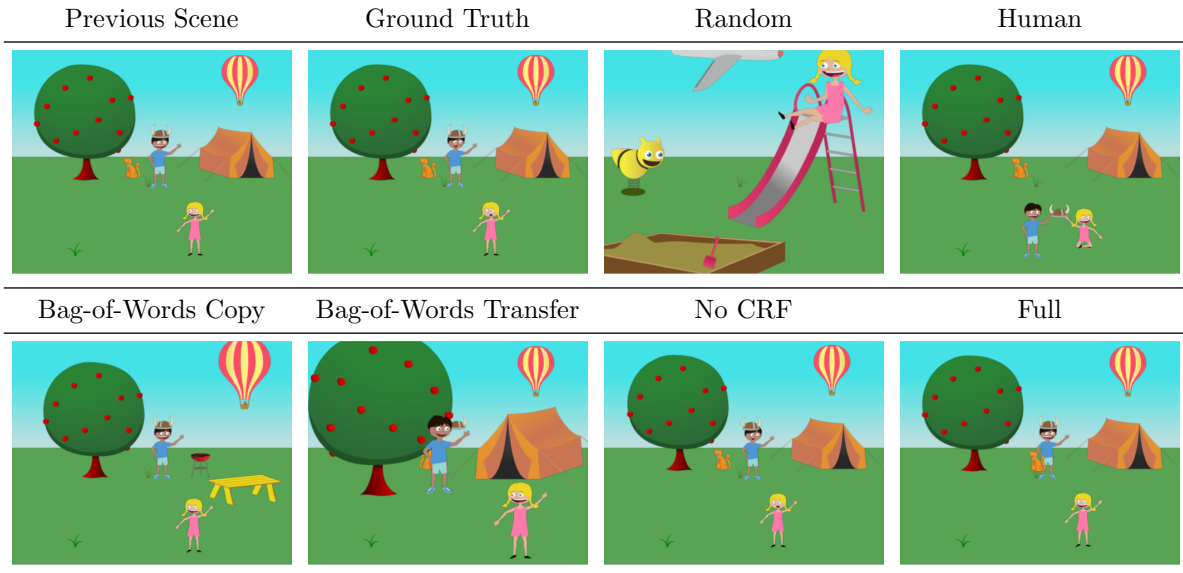
### Scene 6



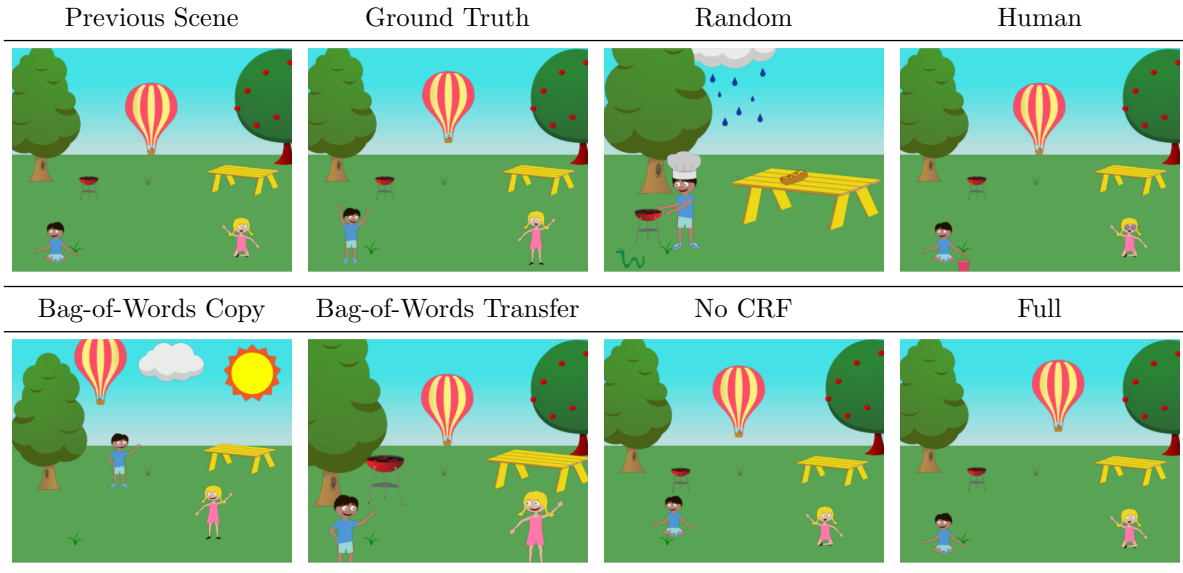
### Scene 7



### Scene 8



### Scene 9



### Scene 10

