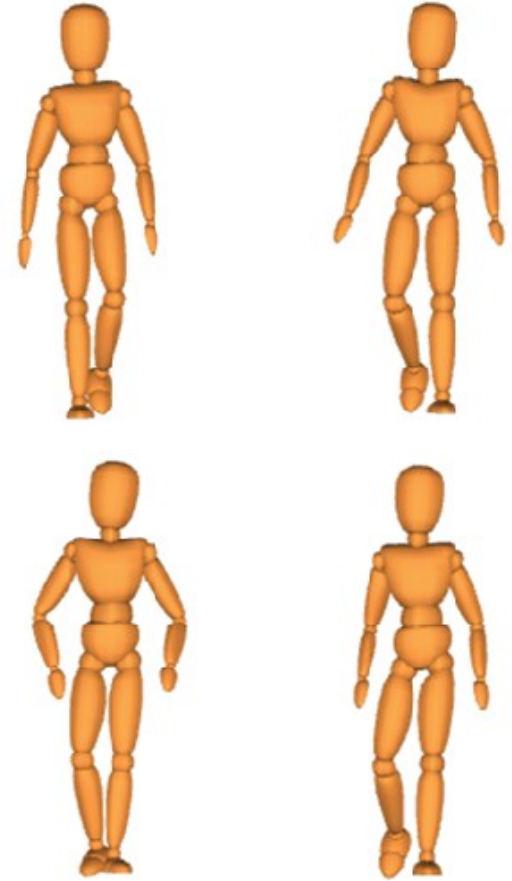


Towards a Perceptual Metric for Comparing Human Motion

- Basic idea:
 - To create a metric for comparing clips of human motion **based on** perceptual evidence (not just evaluated by it)
- Perceptual experiment:
 - 29 participants choosing two most similar motions out of 4 (21 different walking clips)
 - Results form a table describing metric distances between clips



Towards a Perceptual Metric for Comparing Human Motion

- Motion preprocessing:
 - Motion fitting, periodicity, orientation normalization
- Metric building:
 - Different distance functions (e.g. bone angles, positions, dynamic information...)
 - Different metric function types (e.g. Euclidean, Manhattan, log-shaped...)
 - Parameters fitting to represent the perceptual results
- For more info come and see our poster! ☺

