



tracks.

• FDA: non-linear stretching: spatial and tem-

poral variability separately



• Direct: kinematics movements by EMA, EPG, MRI and ultrasound \rightarrow invasive and/or ex-

- 1. What is the effect of changing speaking rate, sentence length and complexity, and performing dual motor tasks on variability in speech motor control?
- 2. Are variability measures of acoustic data comparable with variability results obtained from

Methodology

- Seventeen native Scottish speakers, 13 females and 4 males, age range 18 to 45 years (mean =
- Repeat the phrase "Tony knew you were lying in bed" around 20 times.
- Habitual rate, increased sentence length: "One two three Tony knew you were lying in bed
- Habitual rate, increased sentence length and complexity: "I heard that Tony knew you were