Deutsche Telekom Laboratories

Anger Recognition Demonstrator

Dr. Felix Burkhardt

Anger Recognition Demonstrator

- A demonstration scenario for the recognition of angry speech in human-machine interaction.
- Simple interface (Fig 1): click on microphone, robot talks to you and recognizes anger from sound of voice.
- Alternative interface presents light bulb anger indicator with self-learning feedback option (Fig 2).
- Can be trained to fit demonstrator's way to express anger (Fig 3).
- Demonstrator runs without network under Windows or Linux directly from USB-stick.
- Extendable to recognize e.g. joyful, sad enthusiastic, stressed or drunken speech.

Fig 1: demonstration interface

Fig 2: alternative interface

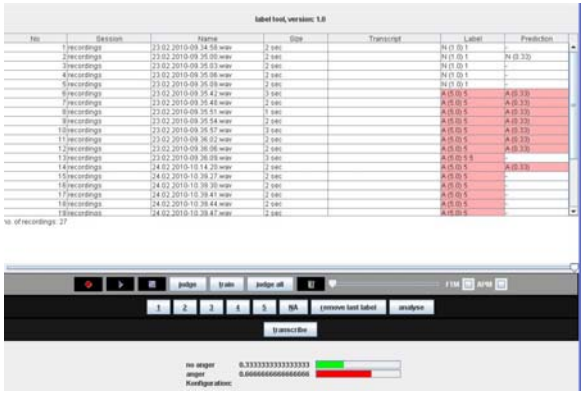

Fig 3: training interface