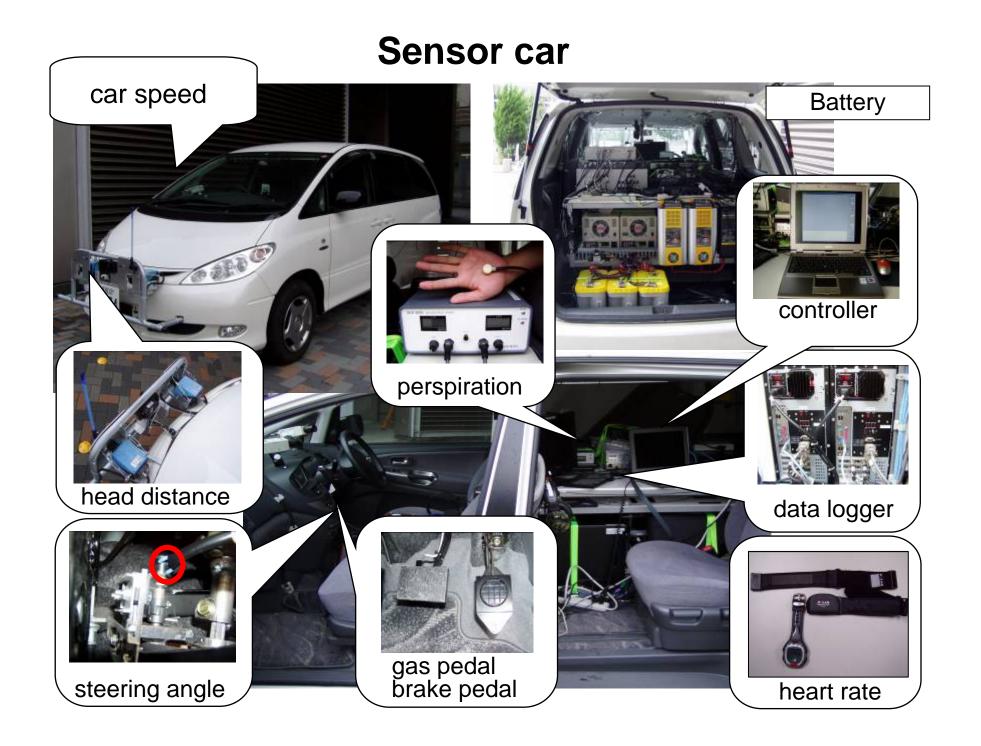
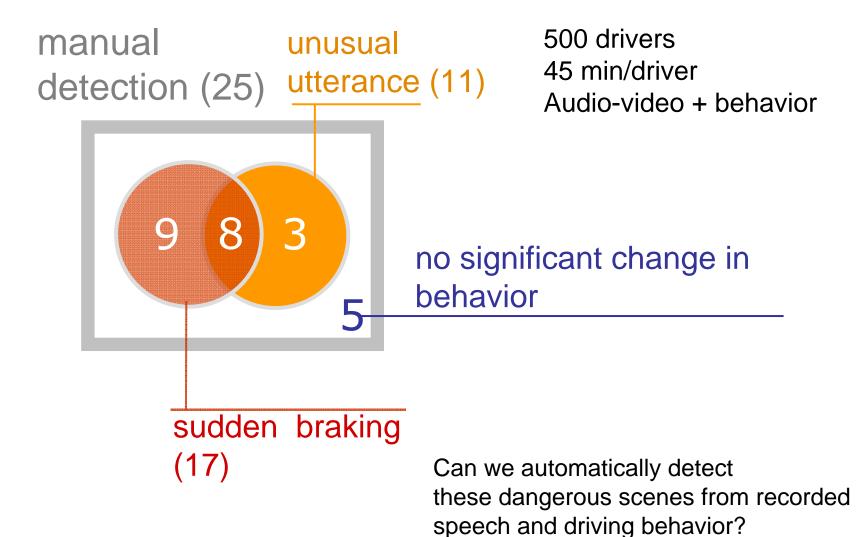
ASRU 2007 Panel Recording Situated Human Communication

Kazuya Takeda Nagoya University



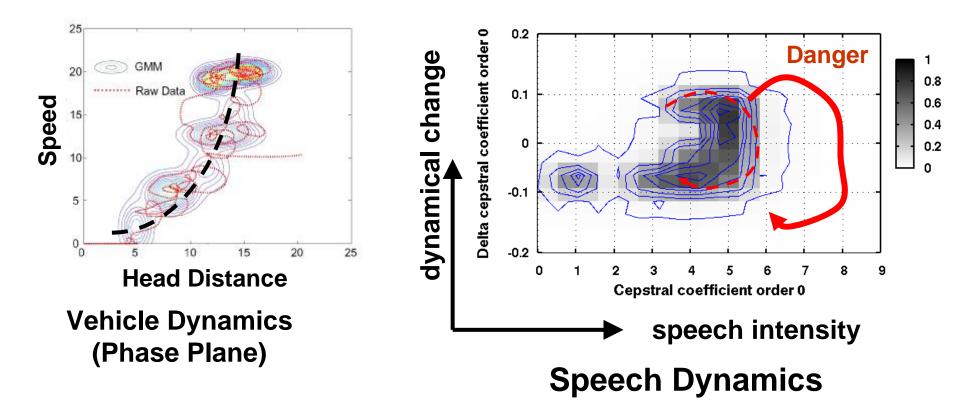
Dangeours Traffic Scenes in CIAIR Corpus



detected scene



Feature Representation Stochastic Phase Space of the behavior dynamics



• Stochastic representation of the dynamics of different modalities and their integration.

$$\log f_{X,\dot{X}}(x,\dot{x}) + \log f_{Y,\dot{Y}}(y,\dot{y})$$

Detection measure for the potential danger

manually labeled dangerous secens



Detecting potentially hazardous points!!

automatically detected (with 123 false detections)

