Cross-national comparisons of AI development and regulation strategies: The case of autonomous vehicles

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Project B.3 (Trust in AI track)

Cross-national, cross-cultural trust

- Successful, ethical development requires:
  - Understanding of 'trust' in context
  - Developers trusting one another's experiences
  - Recognition of ways that regulations, etc. are used to build trust

- How do different nation-states regulate an AI technology?
- How do different cultures interact with an AI technology?
- How do each of these promote or inhibit development of trust?

Project idea

- *Focal case study*: Autonomous vehicles, with a particular emphasis on pedestrian interactions

- *Systematic survey*: Regulations & cultural norms in diverse countries
  - U.S., China, Singapore, Netherlands, …, and your country/culture?

- *Potential solutions*: Lessons about what seems to work, combining the survey with our best science

- *Goal*: Technological, social, & policy solutions to build trust between:
  - Pedestrians & autonomous vehicles
  - Developers & regulators in diverse cultures & nations