COURSE MEDIAN PREDICTION VIA SYLLABI ANALYSIS

PROBLEM STATEMENT

- Median grades significantly impact course shopping
- Given a course syllabus, predict the median grade.

METHOD

- Neural network regression
- Decision tree regression (C4.5)

DATA

- Dartmouth websites
- Registrar Office/ department databases
- Other college websites

MILESTONE GOAL

- Collect and format data for processing
- Flexible parser to extract features from syllabi
- Initial development of chosen algorithm

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Cosc 74: Machine Learning & Statistical Analysis