

Structure in ML



**Theoretical
framework for
Word Embeddings**
TACL'16

**Tree-structured
decoding with
Neural Networks**
ICLR'17

Generative Models

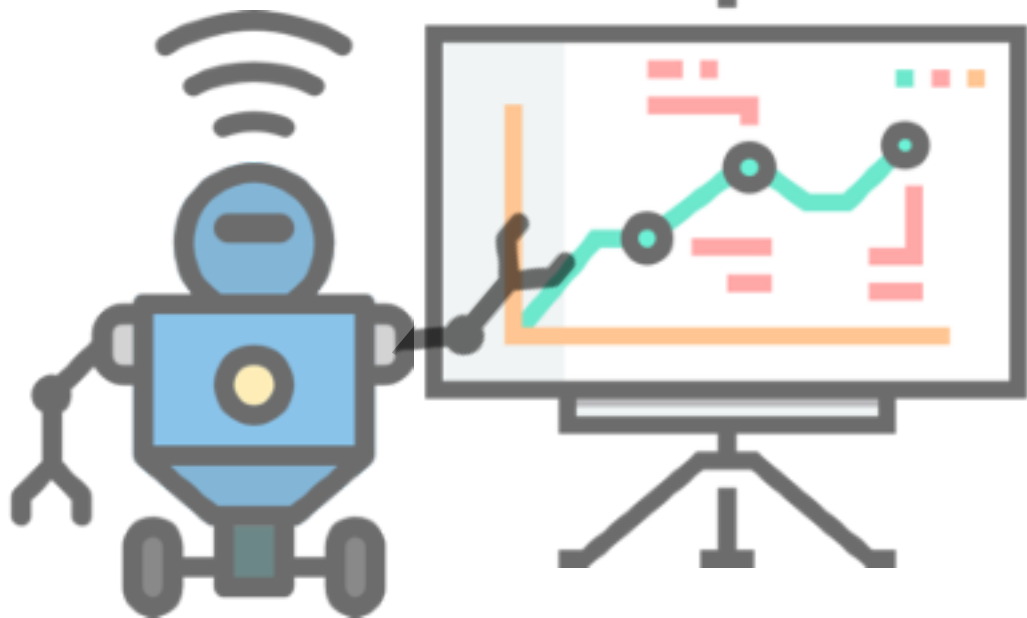


A dark blue line starts at the top left, slopes down to the left, then turns 90 degrees to the right and extends horizontally across the bottom of the image, ending with a small circle.

Optimal Transport



Interpretability and Robustness



Self-explaining Neural Nets

NeurIPS'18



Robustness via Local Linearity

ICLR'19



Robustness in Interpretability

WHI'18



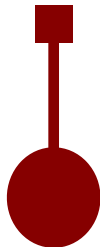
Game-Theoretic Transparency

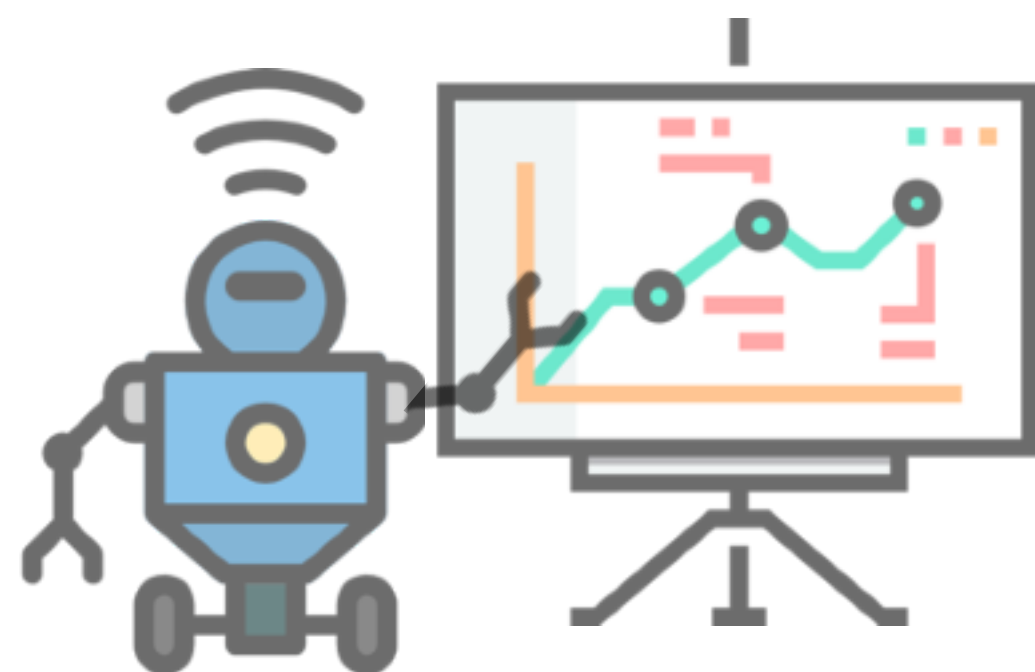
ICML '19



Explaining Black-Box Structured Models

EMNLP'17





**Explaining Black-Box
Structured Models**
EMNLP'17

**Robustness in
Interpretability**
WHI'18

**Self-explaining
Neural Nets**
NeurIPS'18

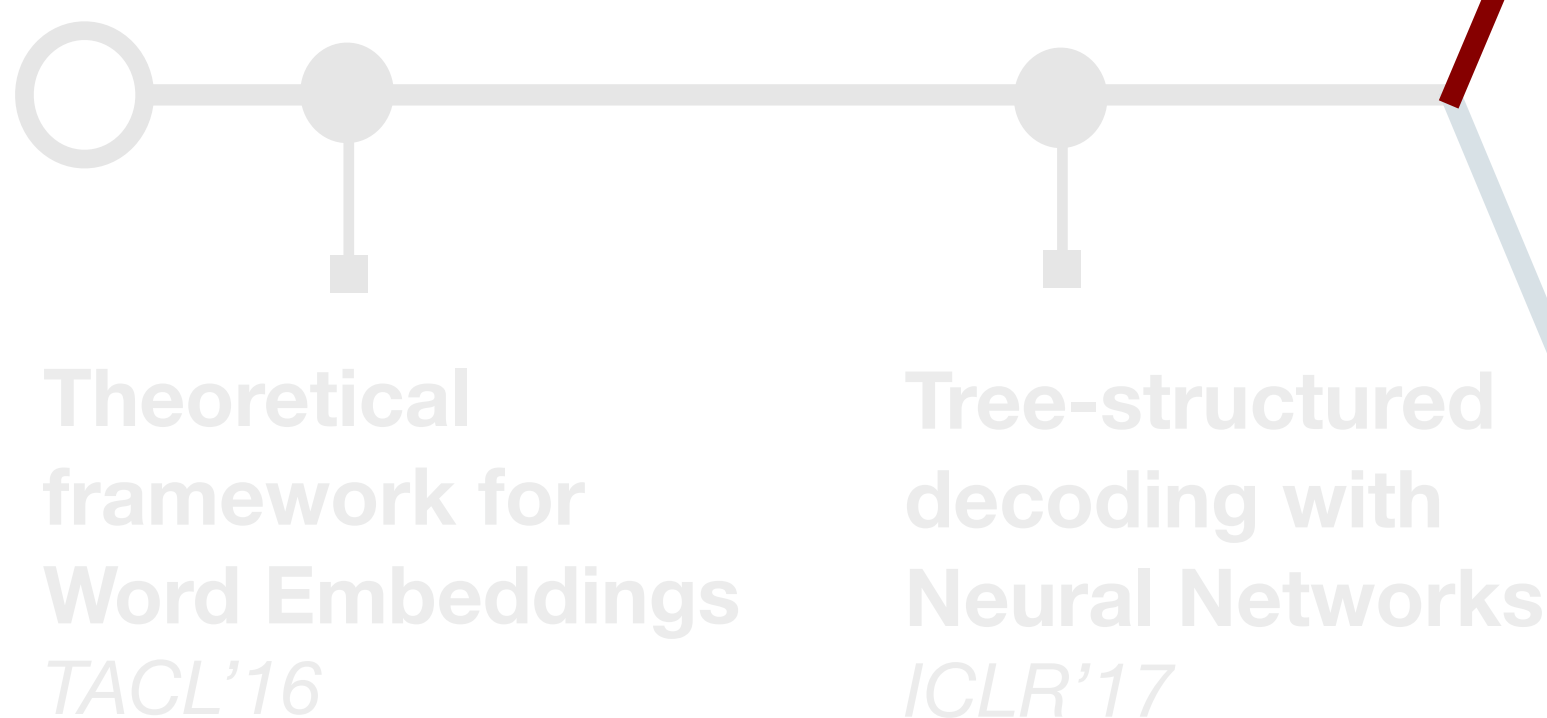
**Robustness via
Local Linearity**
ICLR'19

**Game-Theoretic
Transparency**
ICML'19

Interpretability and Robustness

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Optimal Transport

