WM Kouw JH Krijthe M Loog LJP van der Maaten

 Pattern recognition algorithms learn from examples and classify new data.

- Pattern recognition algorithms learn from examples and classify new data.
- Usually, one assumes that the training and test data are samples from the same distribution.

- Pattern recognition algorithms learn from examples and classify new data.
- Usually, one assumes that the training and test data are samples from the same distribution.
- There are however problems where this assumption is not valid:

- Pattern recognition algorithms learn from examples and classify new data.
- Usually, one assumes that the training and test data are samples from the same distribution.
- There are however problems where this assumption is not valid:
  - Patients scanned by different MRI scanners.

- Pattern recognition algorithms learn from examples and classify new data.
- Usually, one assumes that the training and test data are samples from the same distribution.
- There are however problems where this assumption is not valid:
  - Patients scanned by different MRI scanners.
  - Genomes sequenced under different laboratory conditions.

- Pattern recognition algorithms learn from examples and classify new data.
- Usually, one assumes that the training and test data are samples from the same distribution.
- There are however problems where this assumption is not valid:
  - Patients scanned by different MRI scanners.
  - Genomes sequenced under different laboratory conditions.
  - Natural language text collected through different online media.

- Pattern recognition algorithms learn from examples and classify new data.
- Usually, one assumes that the training and test data are samples from the same distribution.
- There are however problems where this assumption is not valid:
  - Patients scanned by different MRI scanners.
  - Genomes sequenced under different laboratory conditions.
  - Natural language text collected through different online media.
  - Objects photographed by different camera's.





 We developed an approach that fits explicit transfer models to the data.

- We developed an approach that fits explicit transfer models to the data.
- These transfer models can be incorporated in the classifier to adapt it to classifying target data.

- We developed an approach that fits explicit transfer models to the data.
- These transfer models can be incorporated in the classifier to adapt it to classifying target data.
- Want to find out more? Visit my poster.