

# Fair-MAML offers a route to distribute fair ML models that can quickly be trained on new tasks.

## Fair Meta-Learning: Learning How to Learn Fairly

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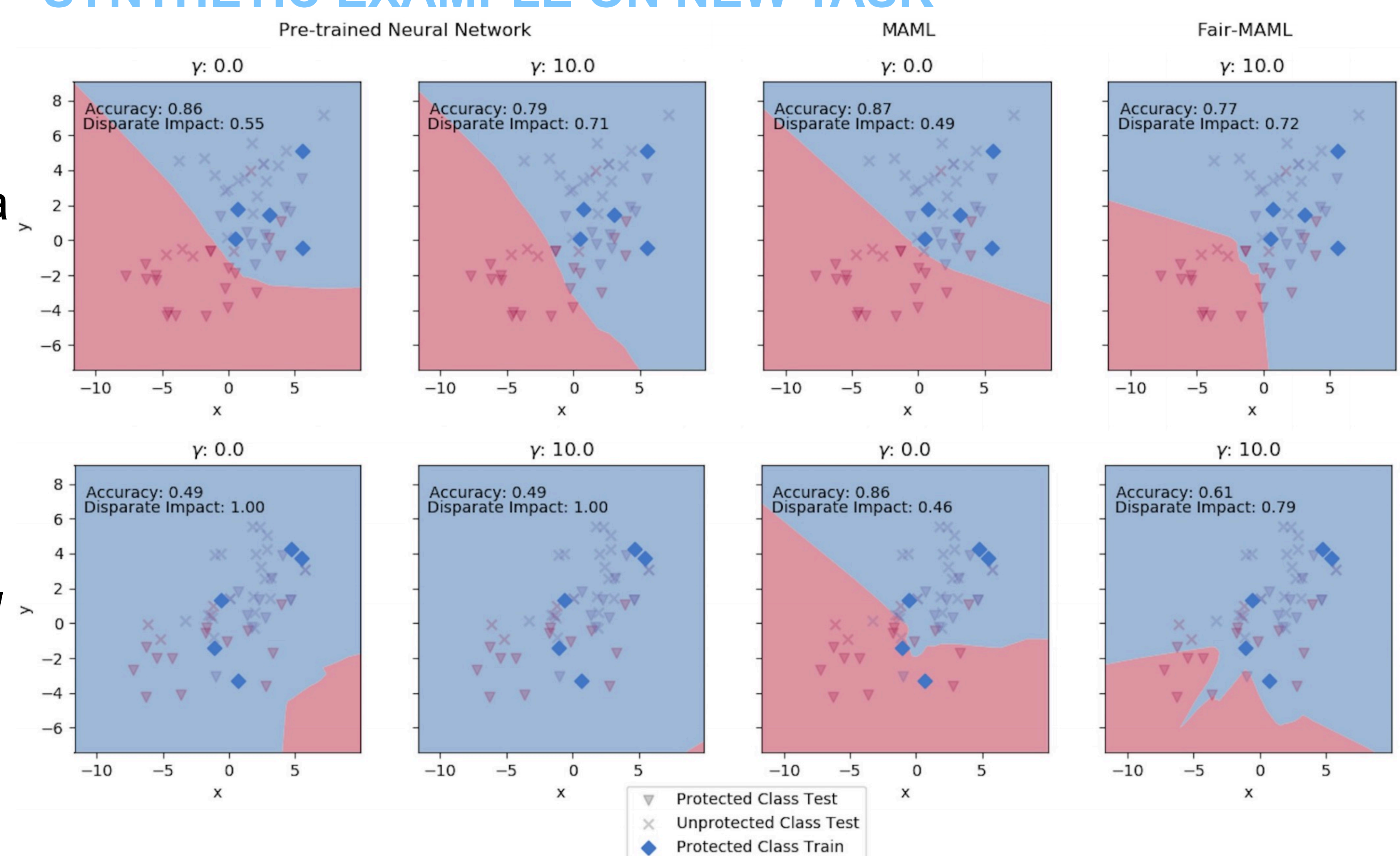
### MOTIVATION

- Minor changes in test distribution can have significant effects on fairness (see Fairness Warnings). How can we train a model that copes?

### METHODS

- We can train *fair meta-model* that contains general features relating to both fairness and accuracy using *model agnostic meta-learning* with added fairness objective (Fair-MAML).
- Fair-MAML can be fine-tuned to new fairness tests to achieve high degrees of accuracy with minimal data.

### SYNTHETIC EXAMPLE ON NEW TASK



### COMMUNITIES AND CRIME EXAMPLE

