

05:00 -- 07:00 PM @ East Exhibition Hall B + C #31

Multimodal Model Agnostic Meta-Learning via Task-Aware Modulation



Risto Vuorio*



Shao-Hua Sun*



Hexiang Hu

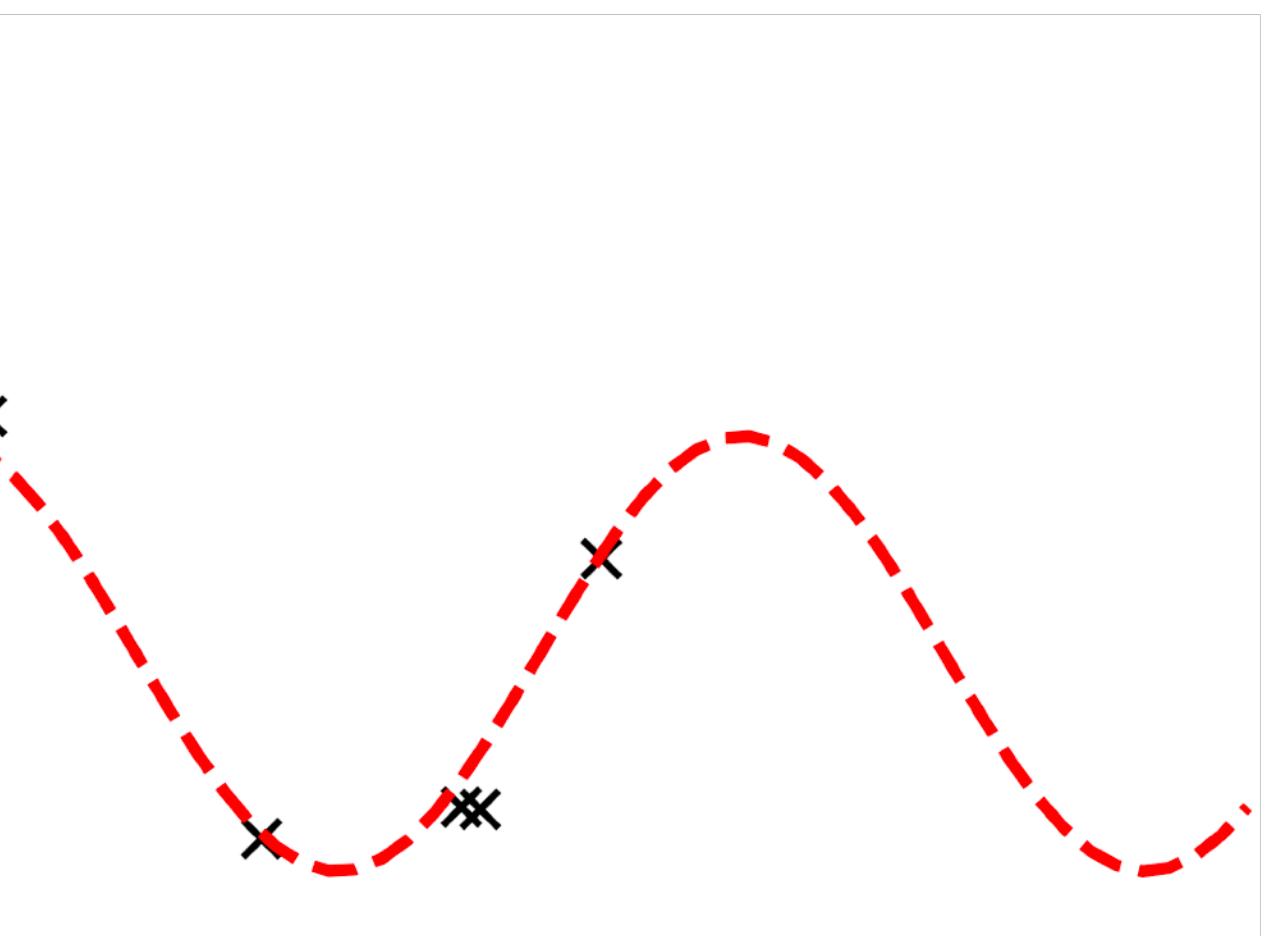
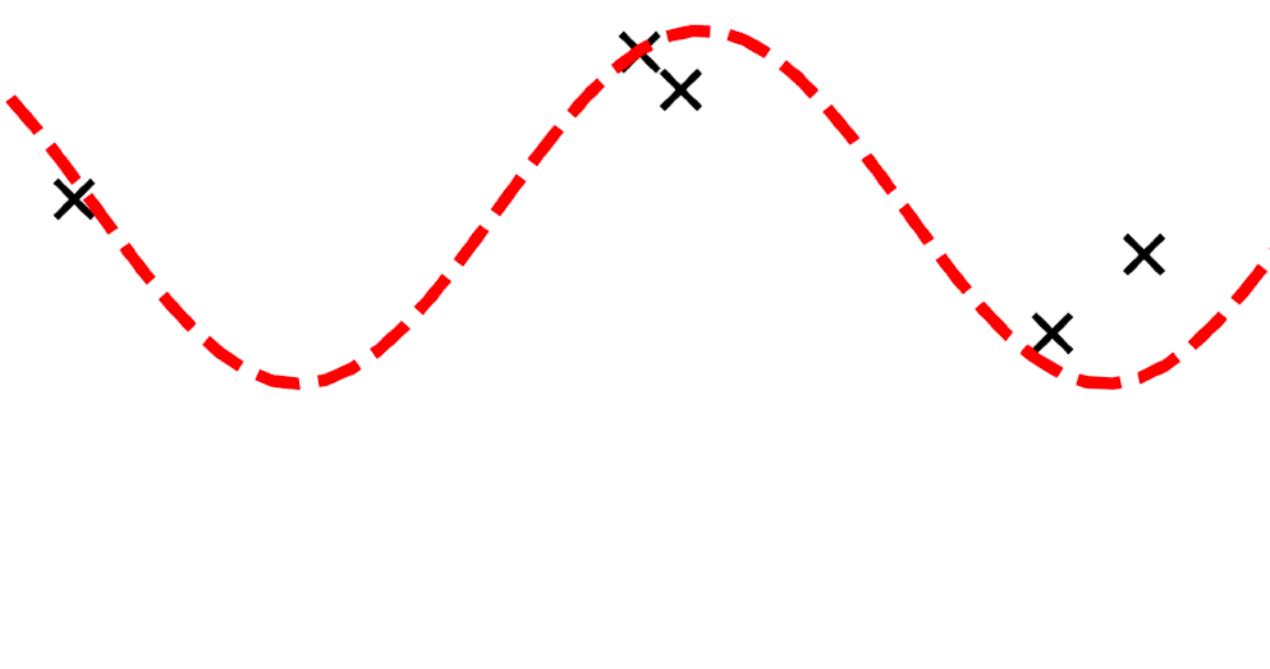


Joseph J. Lim

Poster #31

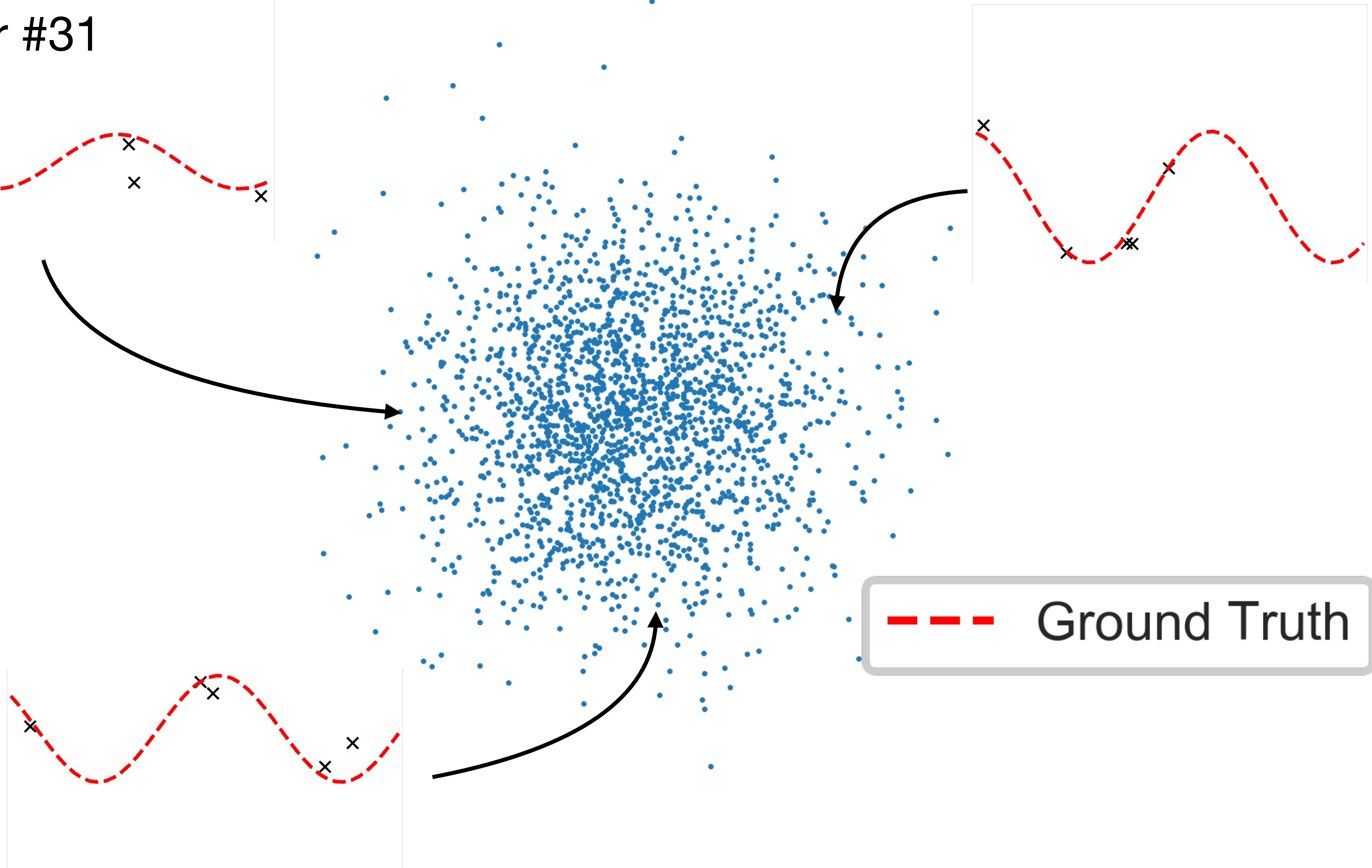


Poster #31

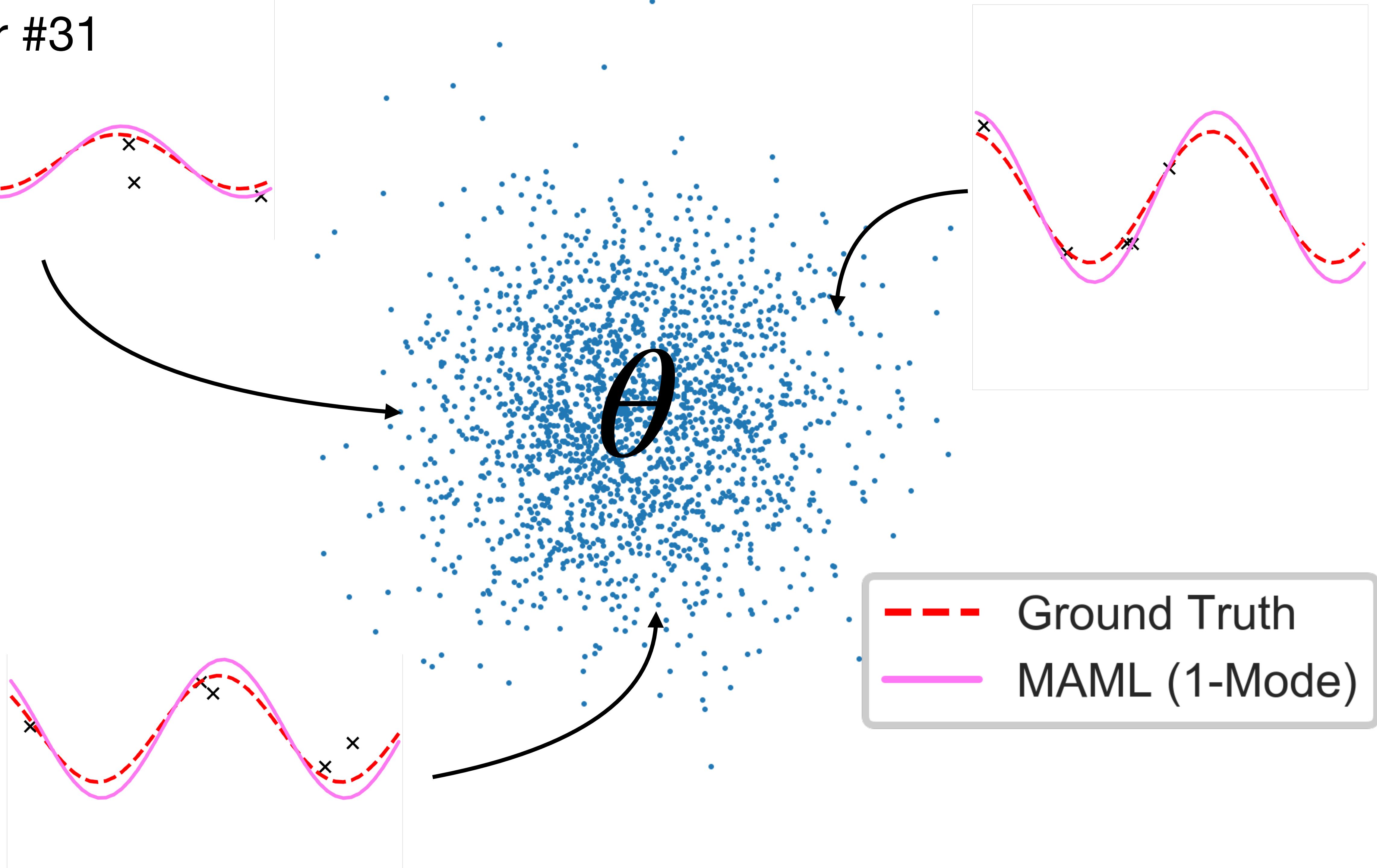


— — — Ground Truth

Poster #31

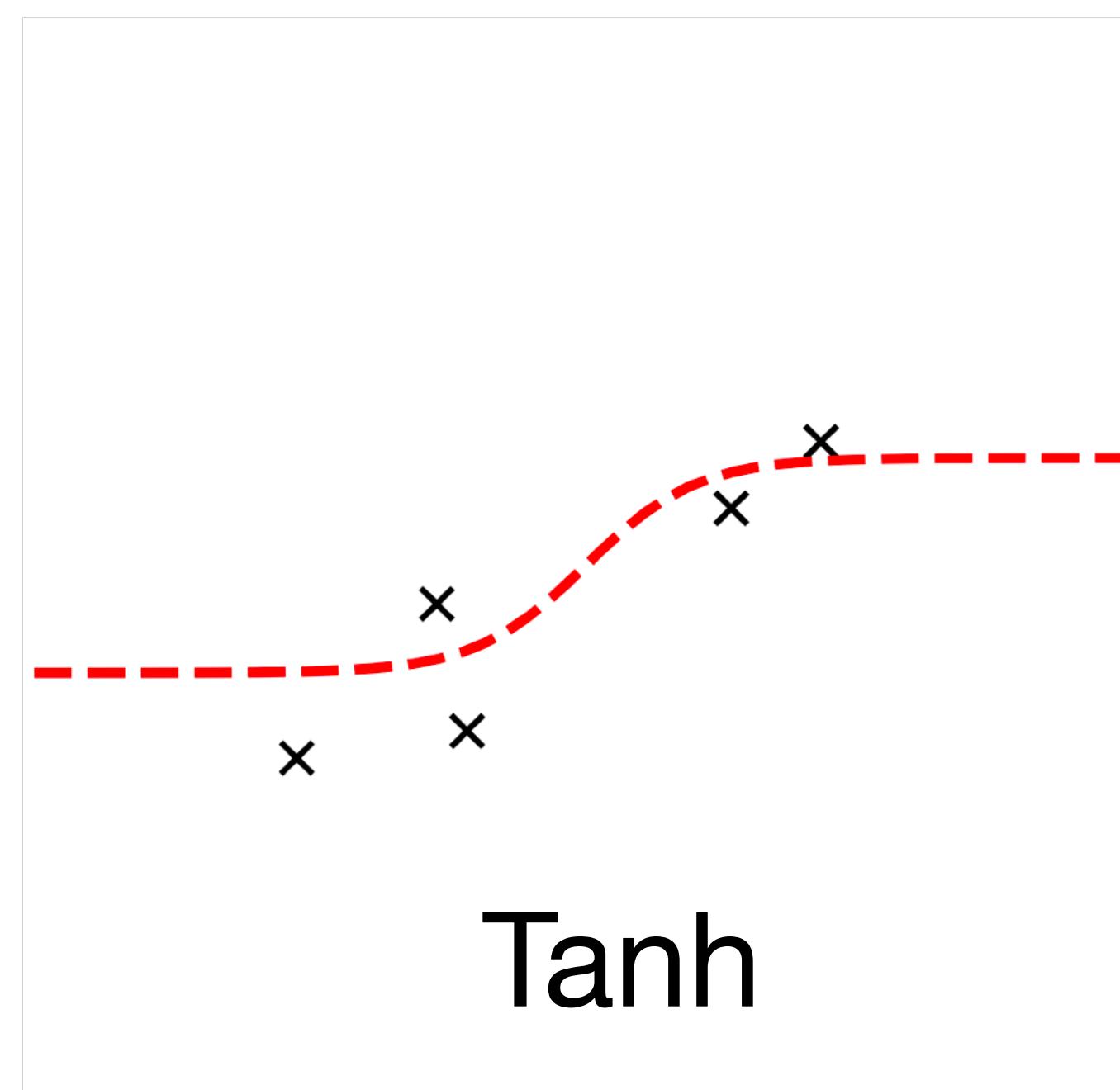


Poster #31

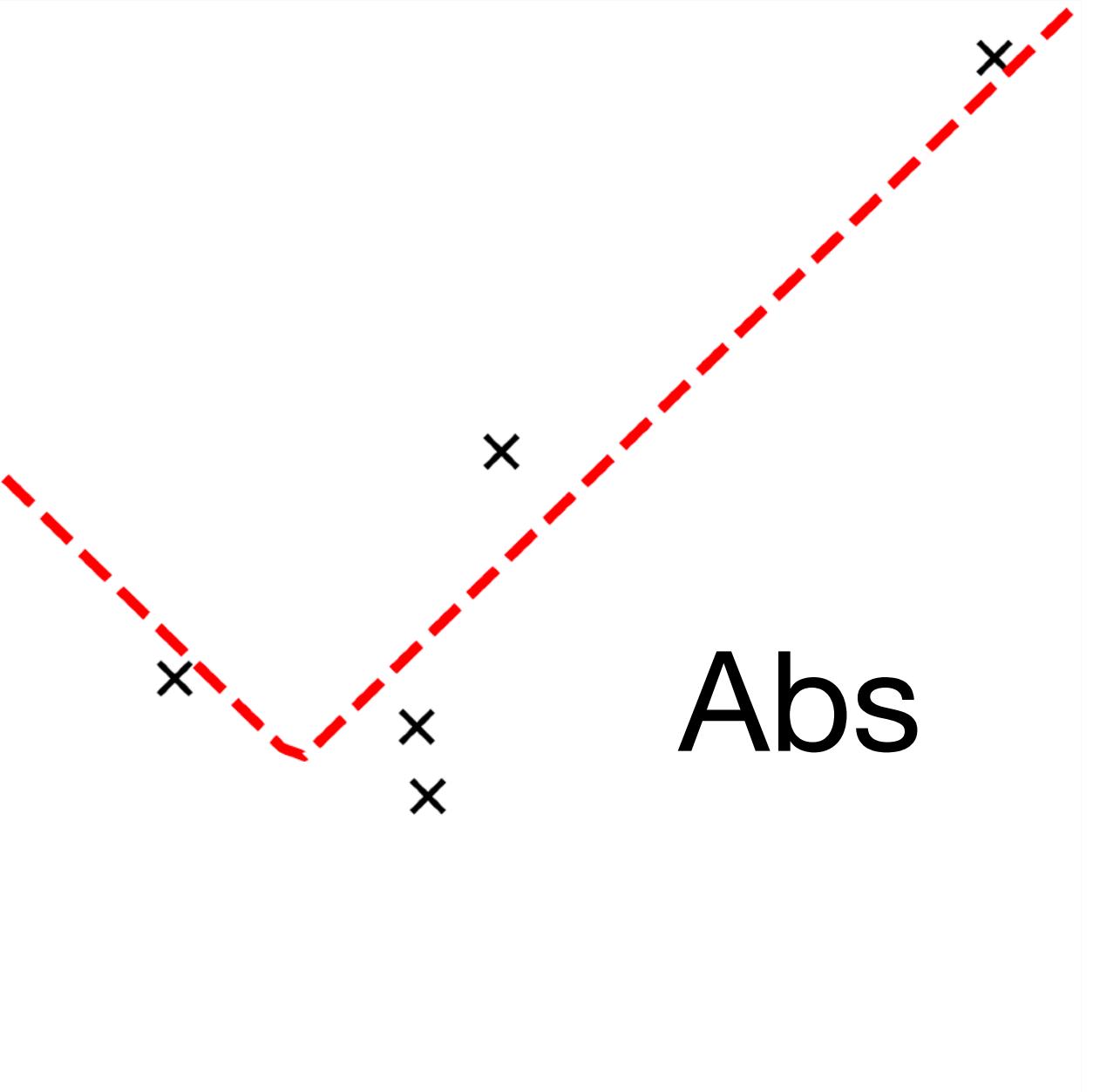


Poster #31

Sinusoid



— Ground Truth



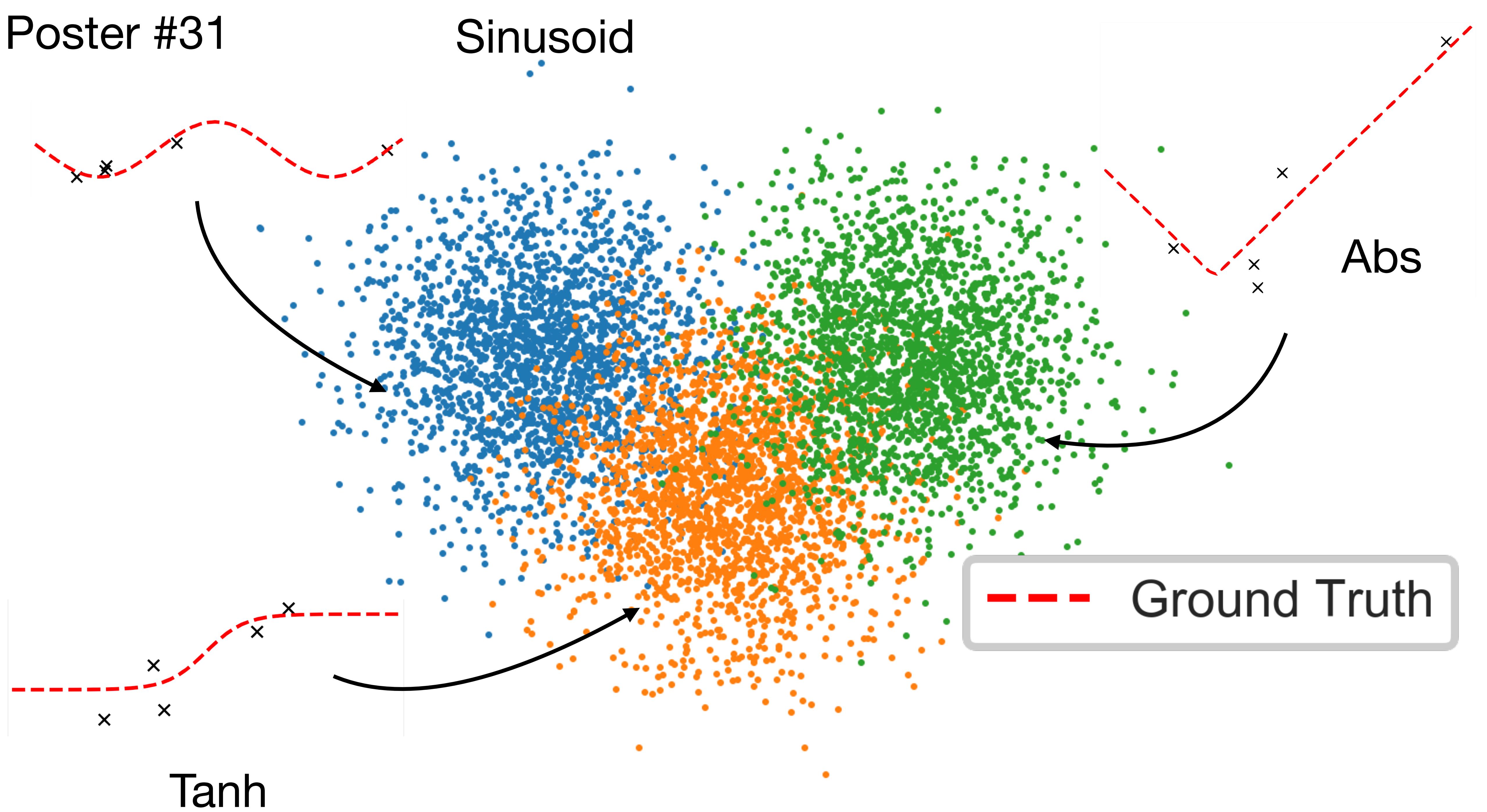
Poster #31

Sinusoid

Tanh

Abs

— — — Ground Truth



Poster #31

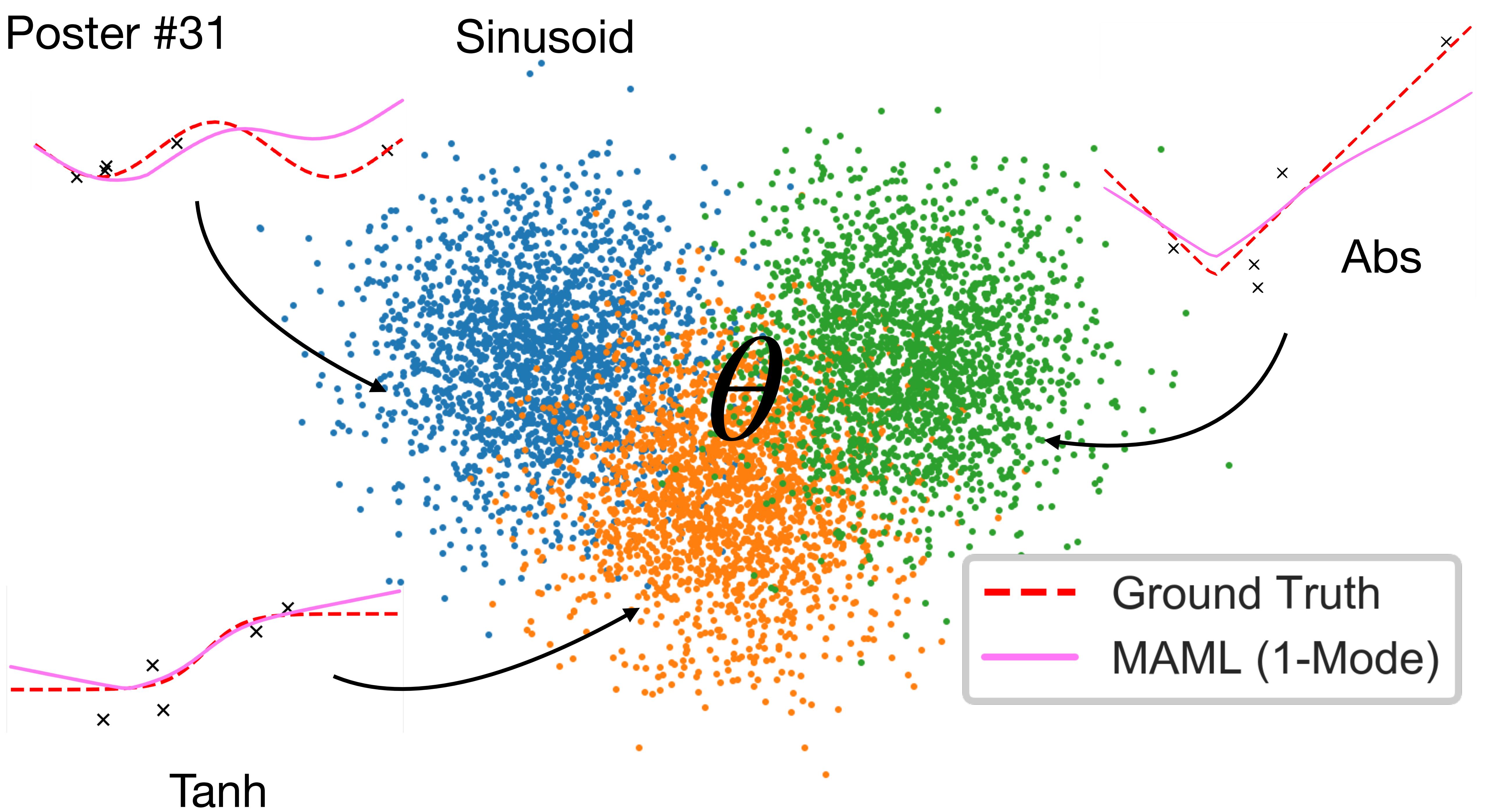
Sinusoid

Tanh

Abs

θ

- Ground Truth
- MAML (1-Mode)



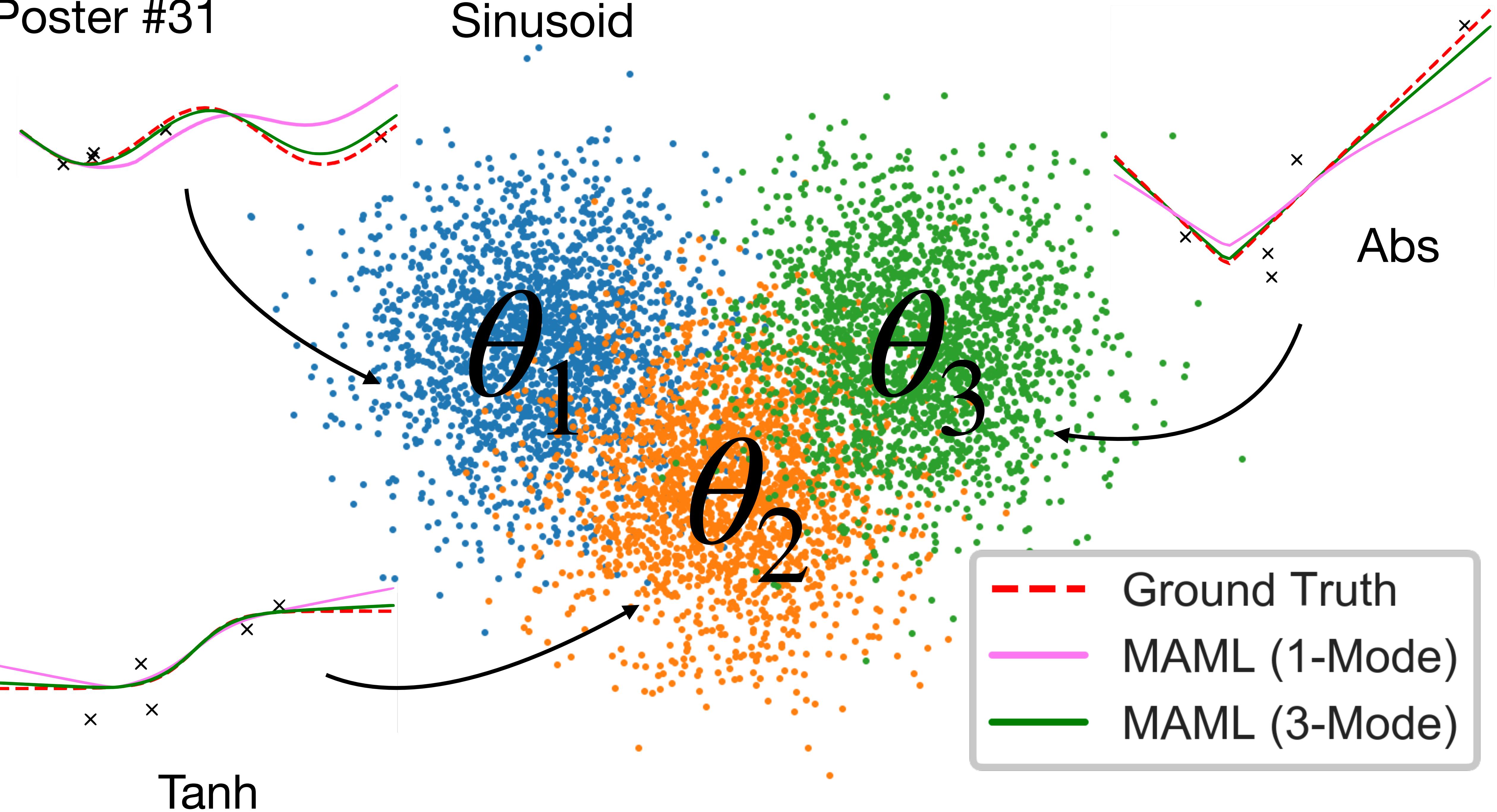
Poster #31

Sinusoid

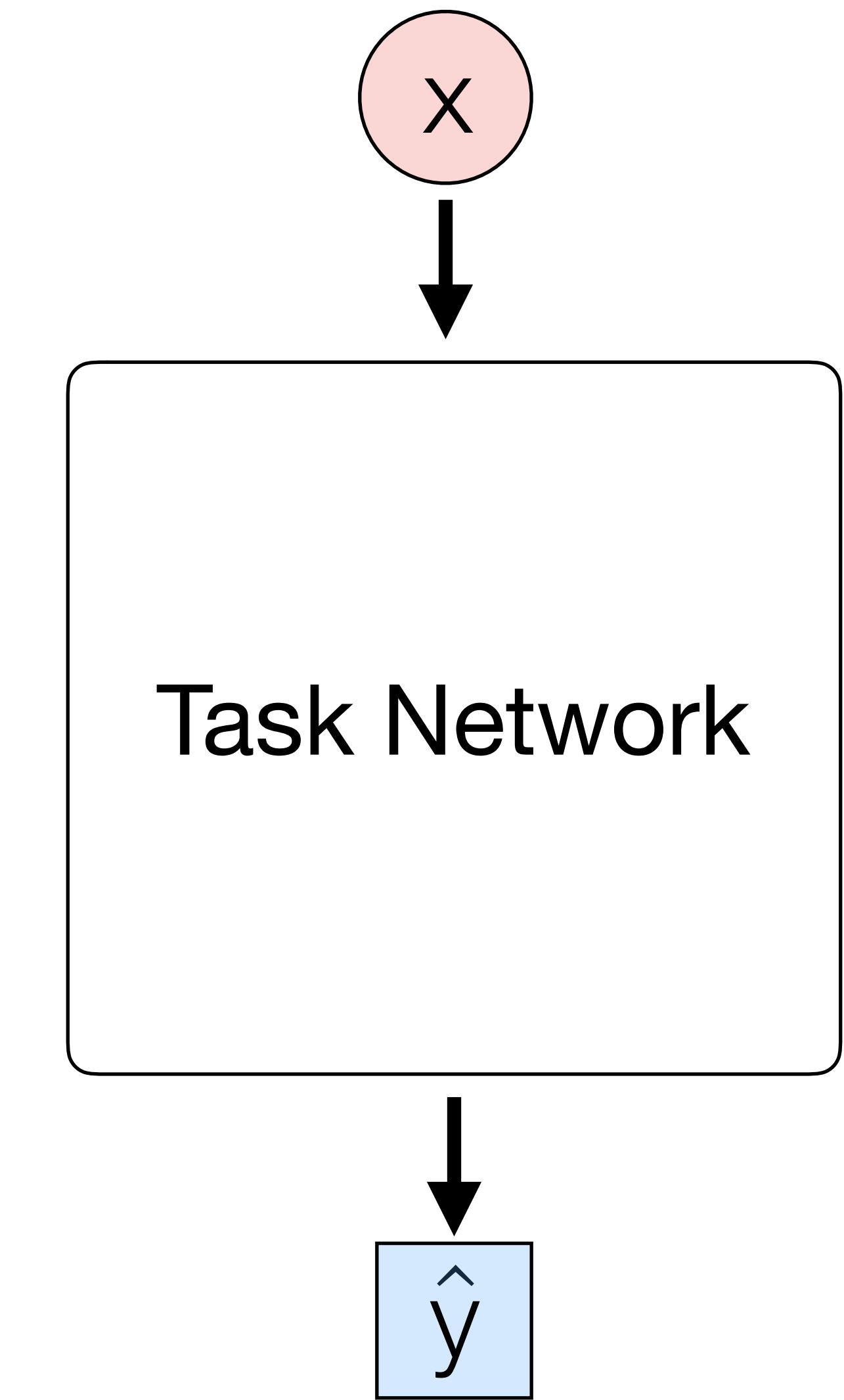
Tanh

Abs

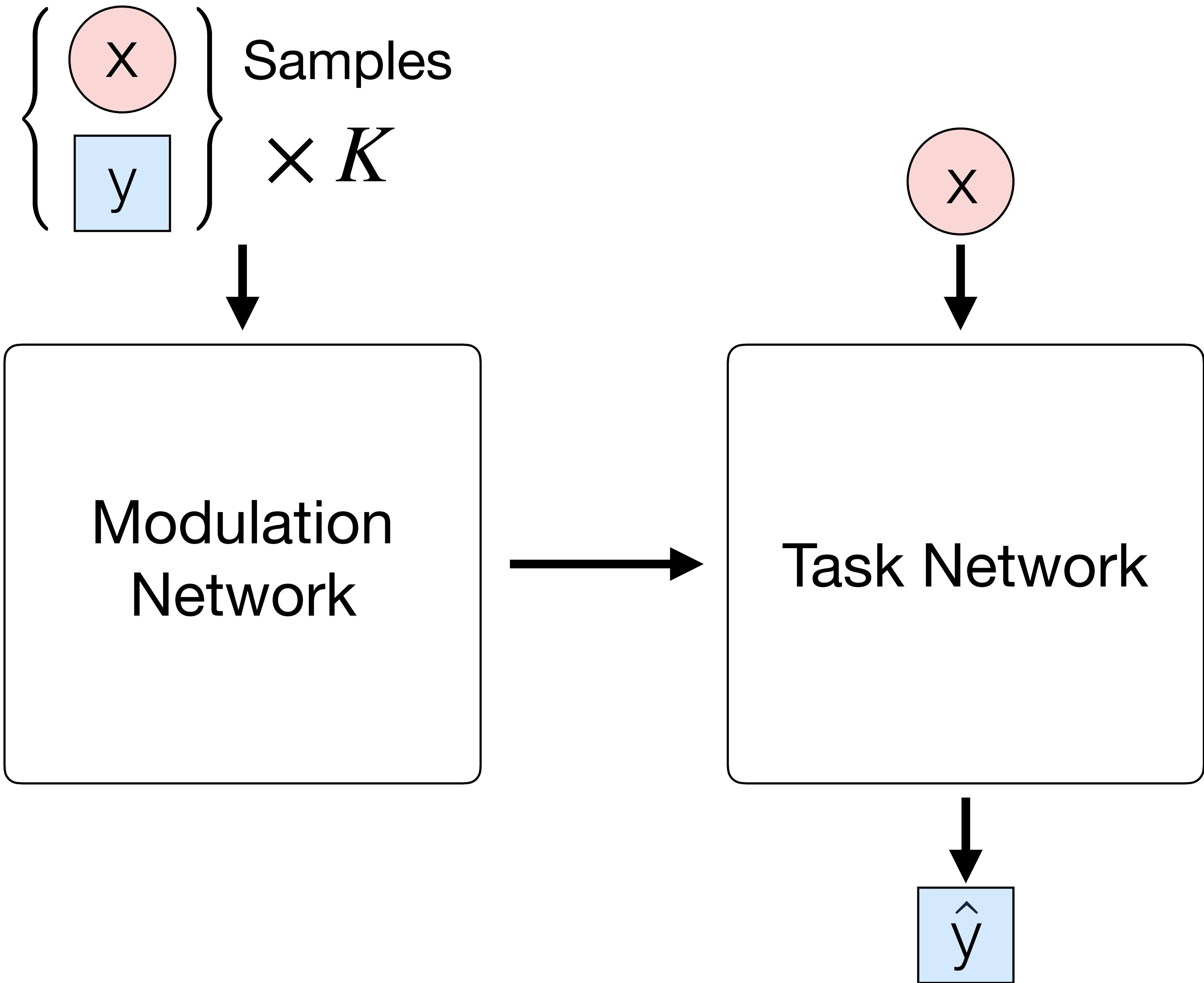
- Ground Truth
- MAML (1-Mode)
- MAML (3-Mode)



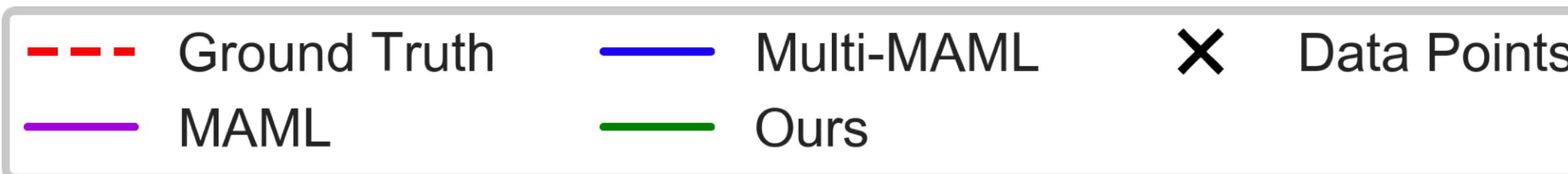
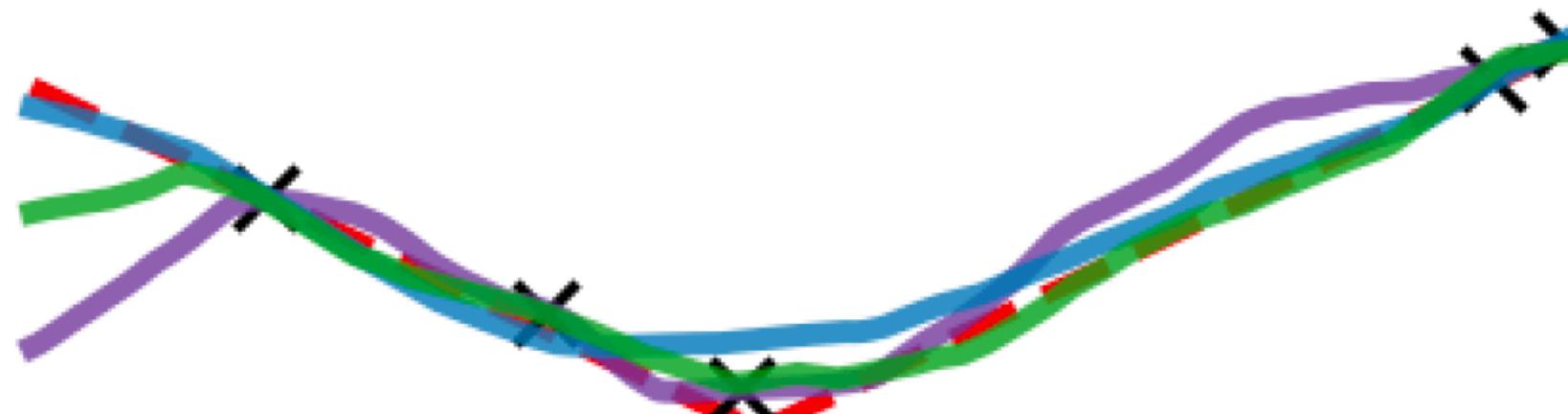
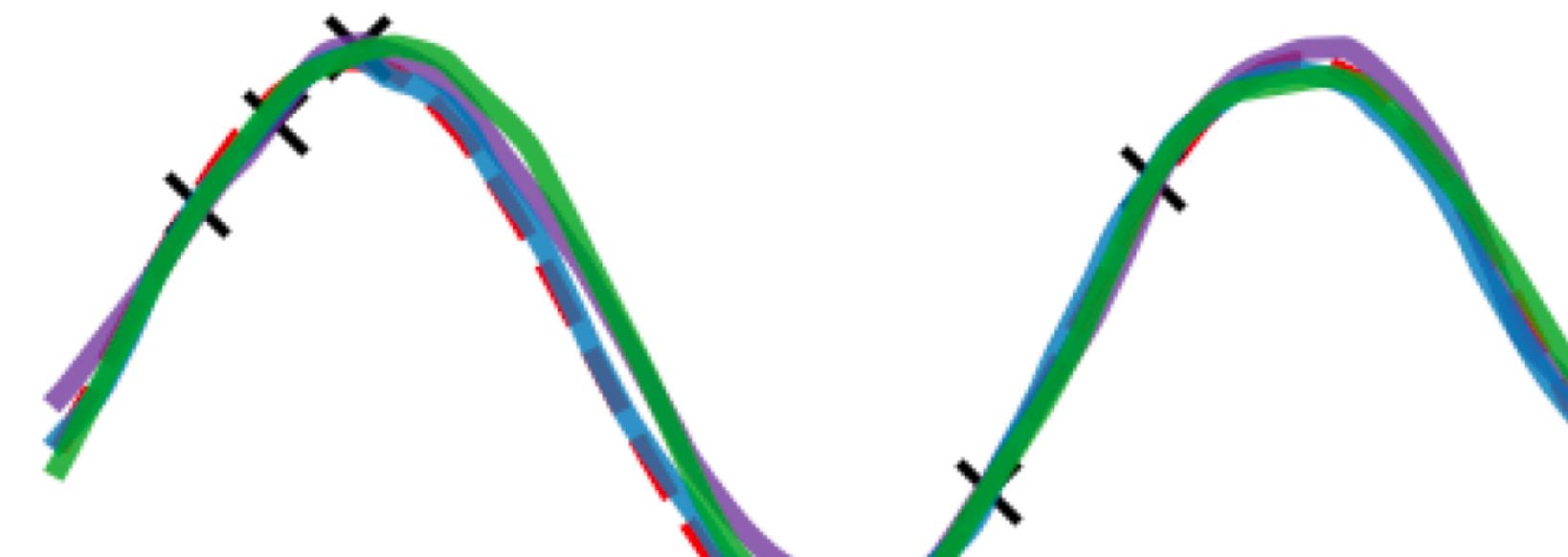
Poster #31



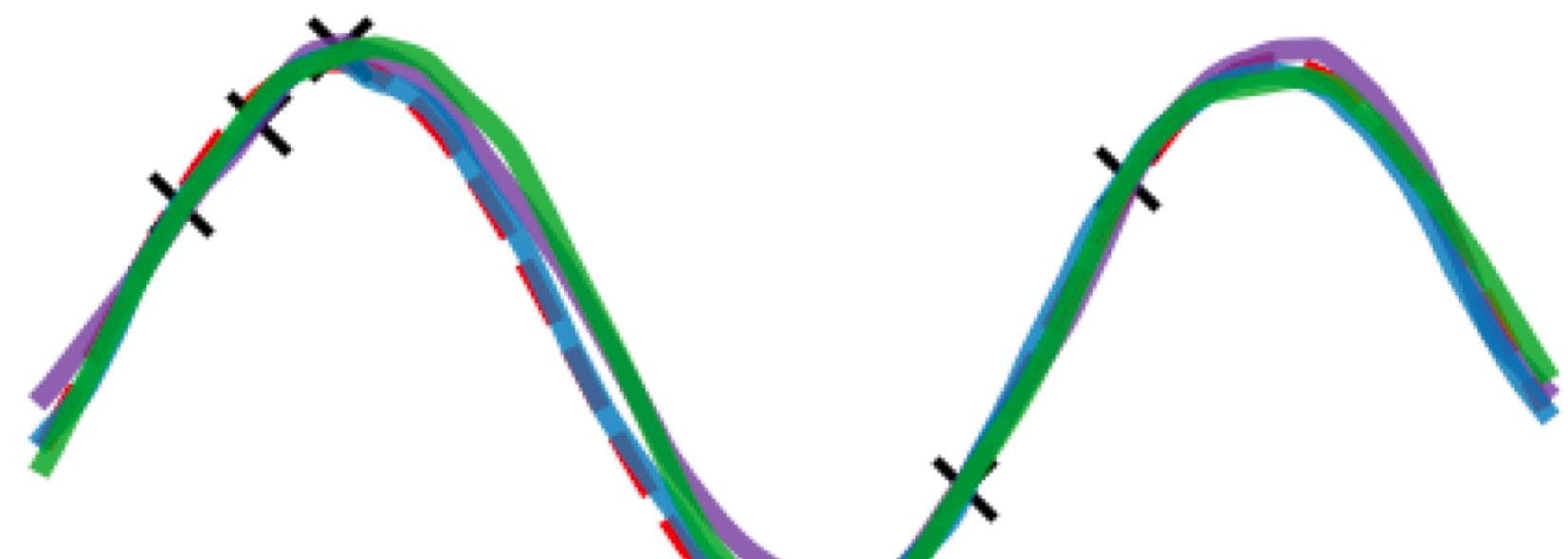
Poster #31



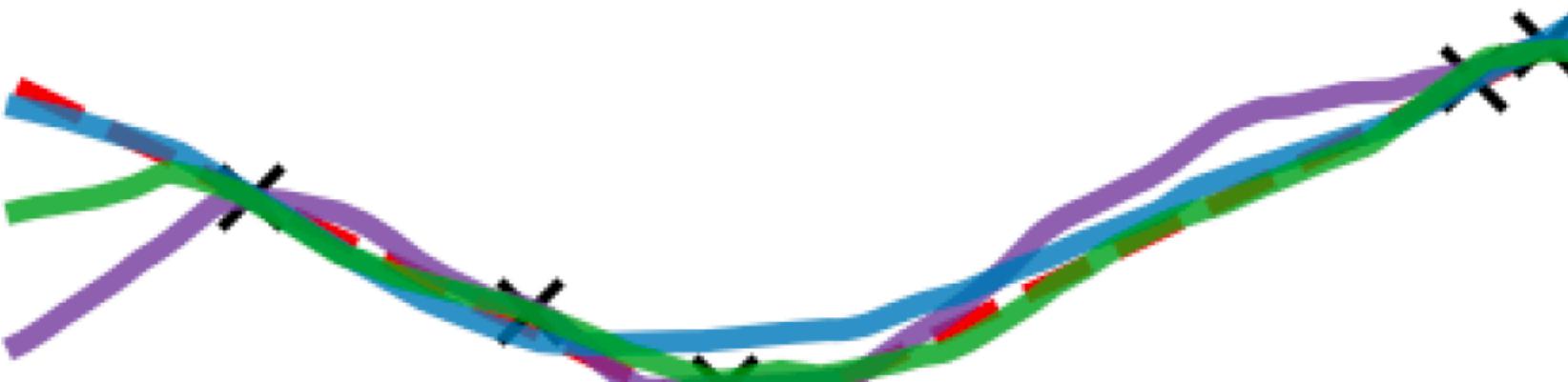
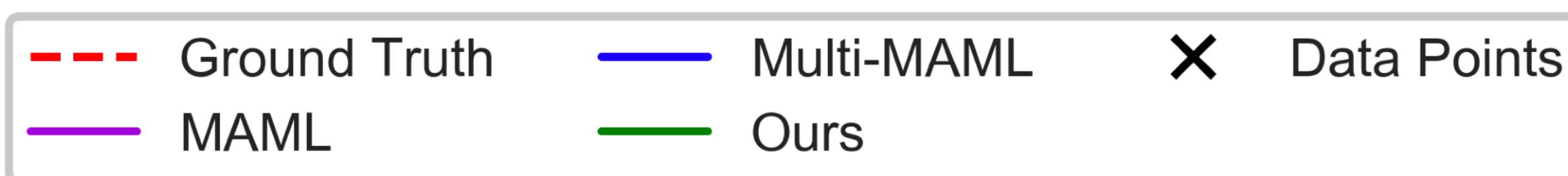
Evaluations: Regression



Evaluations: Regression

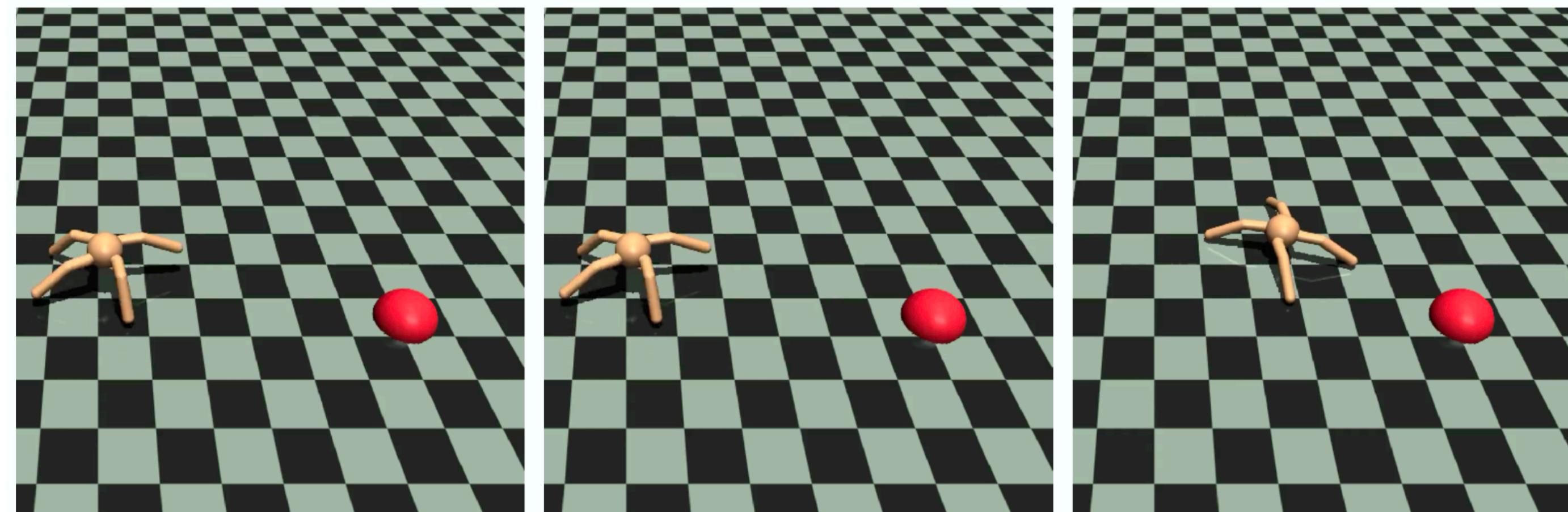


MAML	1.668
Ours	0.868

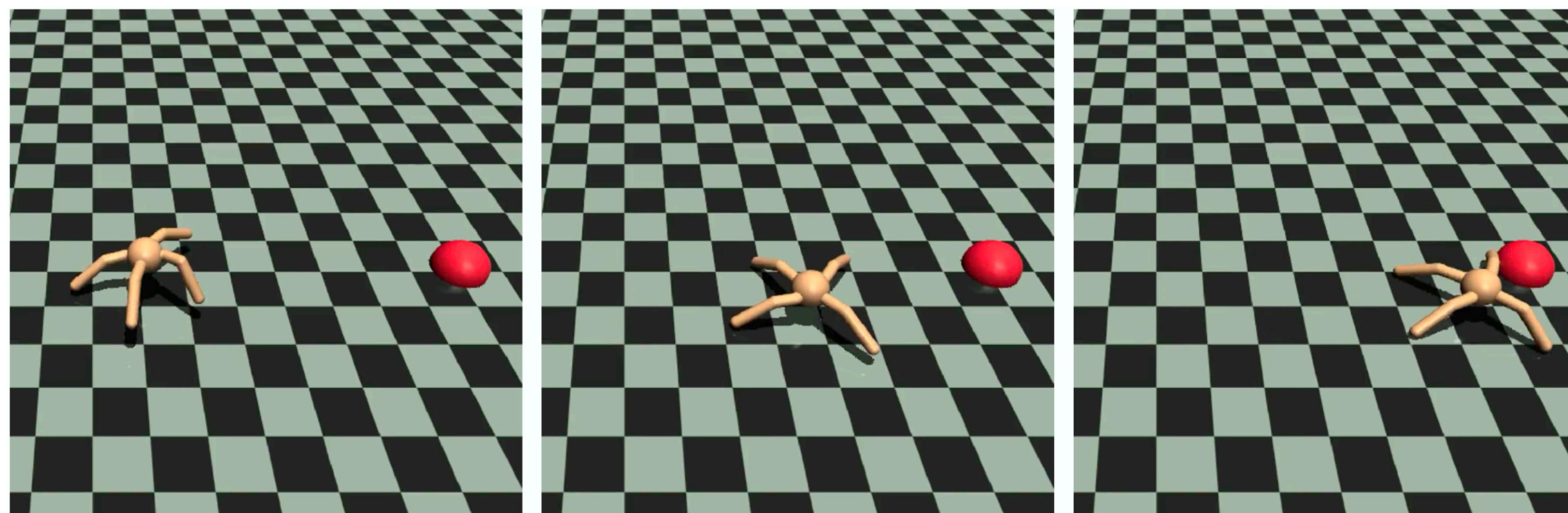
5-Mode Regression
MSE

Evaluations: Reinforcement Learning

ProMP



Ours



Evaluations: Classification



କୁଳାଳ
ପାତା
ବ୍ରଦ୍ଧି
ମାଛ
ଖାଦ୍ୟ

05:00 -- 07:00 PM @ East Exhibition Hall B + C #31
Evaluations: Classification



କାନ୍ଦିଲ ପାତା
ଚାରୁ ମାତ୍ରା
ଶବ୍ଦ ମାତ୍ରା
ପାତା ମାତ୍ରା
କାନ୍ଦିଲ ମାତ୍ରା

MAML	54.41%
Ours	60.83%

5-Way, 5-Shot 5-Mode
Classification