(A) Pretrain-finetune (BERT, T5) Pretrained Finetune on Inference I M task A on task A Typically requires many task-specific examples One specialized model for each task (B) Prompting (GPT-3)

Improve performance

via few-shot prompting or prompt engineering Pretrained

Inference on task A (C) Instruction tuning (FLAN) Instruction-tune on Pretrained Inference

many tasks: on task A B. C. D. Model learns to perform Inference on many tasks via natural unseen task language instructions