

A Venn diagram with three overlapping circles. The top-left circle is orange and labeled 'TS-Prompt-LLM'. The top-right circle is blue and labeled 'TS-Adapter-LLM'. The bottom circle is green and labeled 'TS-Finetune-LLM'. The circles overlap in various combinations, creating a complex pattern of intersecting regions.

TS-Prompt-LLM

$$\mathbf{Y} = f_{\theta}(\mathbf{X}_{\text{TS}}, h_{\gamma}(\mathbf{X}_{\text{Text}}))$$

TS-Adapter-LLM

$$\mathbf{Y} = f_{\theta}(g_{\phi}(\mathbf{X}_{\text{TS}}), \mathbf{X}_{\text{Text}})$$

TS-Finetune-LLM

$$\mathbf{Y} = f'_{\theta}(\mathbf{X}_{\text{TS}}, \mathbf{X}_{\text{Text}})$$