Overall performance:

model name	accuracy	macro f1	weighted f1
sft4_mix_without_adapter	0.7211	0.6979	0.7208
sft5_bio_with_adapter	0.6956	0.6954	0.6954
sft6_financial_with_adapter	0.6818	0.6342	0.6820
sft7_mix_with_adapter	0.6799	0.6506	0.6798

Per-Model Configuration

sft4_mix_without_adapter
 - Dataset: mixed (drug_review + financial_review)
 - Domain prefix: yes
 - LoRA used: no
 - Class weights: yes
 - Learning rate: 5e-5
 - Batch size: 8
 - Epochs: 3
 - LoRA config: not used

sft5_bio_with_adapter
 - Dataset: drug_review (BIO)
 - Domain prefix: no
 - LoRA used: yes
 - Class weights: yes
 - Learning Rate: 1e-4
 - Batch Size: 16
 - Epochs: 10
 - LoRA config: lora_r=64, lora_alpha=128, lora_dropout=0.10

sft6_financial_with_adapter
 - Dataset: financial_news (FIN)
 - Domain prefix: no
 - LoRA used: yes
 - Class weights: yes
 - Learning Rate: 1e-4
 - Batch Size: 16
 - Epochs: 10
 - LoRA config: lora_r=64, lora_alpha=128, lora_dropout=0.10

sft7_mix_with_adapter

- Dataset: mixed (drug_review + financial_review)
- Domain prefix: yes
- LoRA used: yes
- Class weights: yes
- Learning Rate: 1e-4
- Batch Size: 16
- Epochs: 10
- LoRA config: lora_r=64, lora_alpha=128, lora_dropout=0.10

Per-domain performance

model name	dataset	domain prefix	domain	accuracy	macro f1
sft4_mix_without_adapter	mixed (drug + financial)	yes	FIN	0.7169	0.6595
sft4_mix_without_adapter	mixed (drug + financial)	yes	BIO	0.7233	0.7230
sft7_mix_with_adapter	mixed (drug + financial)	yes	FIN	0.6777	0.6161
sft7_mix_with_adapter	mixed (drug + financial)	yes	BIO	0.6811	0.4536

SFT7_mix_with_adapter_comparison

config	lora_ a_	lora_ alpha	lora_dr opout	overall accuracy	overall macro F1	overall weighted	FIN accura	FIN macro	BIO accura	BIO macro
config1	32	64	0.05	0.69080	0.65700	0.69030	0.66528	0.59905	0.70444	0.46962
config2	64	128	0.05	0.68570	0.66360	0.68610	0.69214	0.62886	0.68222	0.45536
config3	64	128	0.10	0.67990	0.65059	0.67980	0.67768	0.61613	0.68111	0.45357