General model comparison

		compiles	indentation	no deprecations	functionality	score
qwen0.5b	base	39	39	20	9	125
	finetuned	50	5	31	21	149
tinyllama1.1b	base	49	46	22	8	141
	finetuned	50	50	42	32	238
qwen1.8b	base	48	22	21	6	109
	finetuned	50	50	32	10	162
phi2	base	46	46	34	23	195
	finetuned	49	46	36	31	224
gemma2b	base	50	49	39	24	210
	finetuned	50	50	43	38	257

Hyperparameters tinyllama1.1b

		compiles	indentation	no deprecations	functionality	score
training_epochs	1	50	50	31	23	200
	5	50	50	42	32	238
	10	50	50	41	10	171
learning_rate	1.00E-05	50	50	33	15	178
	5.00E-05	50	50	42	32	238
	1.00E-04	48	47	41	30	226

Quantization Loss (after gguf conversion and q4_km quantization)

		compiles	indentation	no deprecations	functionality	score
gemma2b	finetuned	50	50	43	38	257
	quantized	44	44	37	34	227
tinyllama1.1b	finetuned	50	50	42	32	238
	quantized	50	50	34	22	200

RAG-Improvement

		compiles	indentation	no deprecations	functionality	score
gemma2b	no RAG	44	44	37	34	227
	with RAG	50	50	45	40	265
tinyllama1.1b	no RAG	50	50	34	22	200
	with RAG	50	50	38	30	228