

Table 15: Comparison among Qwen3-30B-A3B / Qwen3-14B (Thinking) and other reasoning baselines. The highest and second-best scores are shown in bold and underlined, respectively.

		DeepSeek-R1 -Distill-Qwen-32B	QwQ-32B	Qwen3-14B	Qwen3-30B-A3B
	Architecture	Dense	Dense	Dense	MoE
	# Activated Params	32B	32B	14B	3B
	# Total Params	32B	32B	14B	30B
General Tasks	MMLU-Redux	88.2	90.0	88.6	<u>89.5</u>
	GPQA-Diamond	62.1	<u>65.6</u>	64.0	65.8
	C-Eval	82.2	88.4	86.2	<u>86.6</u>
	LiveBench 2024-11-25	45.6	<u>72.0</u>	71.3	74.3
Alignment Tasks	IFEval strict prompt	72.5	83.9	<u>85.4</u>	86.5
	Arena-Hard	60.8	89.5	91.7	<u>91.0</u>
	AlignBench v1.1	7.25	8.70	8.56	8.70
	Creative Writing v3	55.0	82.4	<u>80.3</u>	79.1
	WritingBench	6.13	7.86	<u>7.80</u>	7.70
Math & Text Reasoning	MATH-500	94.3	98.0	96.8	98.0
	AIME'24	72.6	<u>79.5</u>	79.3	80.4
	AIME'25	49.6	<u>69.5</u>	70.4	70.9
	ZebraLogic	69.6	76.8	<u>88.5</u>	89.5
	AutoLogi	74.6	88.1	89.2	<u>88.7</u>
Agent & Coding	BFCL v3	53.5	66.4	70.4	<u>69.1</u>
	LiveCodeBench v5	54.5	<u>62.7</u>	63.5	<u>62.6</u>
	CodeForces (Rating / Percentile)	1691 / 93.4%	1982 / 97.7%	1766 / 95.3%	<u>1974 / 97.7%</u>
Multilingual Tasks	Multi-IF	31.3	68.3	74.8	<u>72.2</u>
	INCLUDE	68.0	69.7	<u>71.7</u>	71.9
	MMMLU 14 languages	<u>78.6</u>	80.9	77.9	78.4
	MT-AIME2024	44.6	68.0	<u>73.3</u>	73.9
	PolyMath	35.1	<u>45.9</u>	45.8	46.1
	MLogiQA	63.3	75.5	<u>71.1</u>	70.1

Table 16: Comparison among Qwen3-30B-A3B / Qwen3-14B (Non-thinking) and other non-reasoning baselines. The highest and second-best scores are shown in bold and underlined, respectively.

		Phi-4	Gemma-3 -27B-IT	Qwen2.5-32B -Instruct	Qwen3-14B	Qwen3-30B-A3B
	Architecture	Dense	Dense	Dense	Dense	MoE
	# Activated Params	14B	27B	32B	14B	3B
	# Total Params	14B	27B	32B	14B	30B
General Tasks	MMLU-Redux	85.3	82.6	83.9	82.0	<u>84.1</u>
	GPQA-Diamond	56.1	42.4	49.5	<u>54.8</u>	<u>54.8</u>
	C-Eval	66.9	66.6	80.6	<u>81.0</u>	82.9
	LiveBench 2024-11-25	41.6	49.2	50.0	59.6	<u>59.4</u>
Alignment Tasks	IFEval strict prompt	62.1	80.6	79.5	84.8	<u>83.7</u>
	Arena-Hard	75.4	<u>86.8</u>	74.5	86.3	88.0
	AlignBench v1.1	7.61	7.80	7.71	<u>8.52</u>	8.55
	Creative Writing v3	51.2	82.0	54.6	<u>73.1</u>	68.1
	WritingBench	5.73	<u>7.22</u>	5.90	7.24	<u>7.22</u>
Math & Text Reasoning	MATH-500	80.8	90.0	84.6	90.0	<u>89.8</u>
	AIME'24	22.9	<u>32.6</u>	18.8	31.7	32.8
	AIME'25	17.3	24.0	12.8	<u>23.3</u>	21.6
	ZebraLogic	32.3	24.6	26.1	<u>33.0</u>	33.2
	AutoLogi	66.2	64.2	65.5	82.0	<u>81.5</u>
Agent & Coding	BFCL v3	47.0	59.1	62.8	<u>61.5</u>	58.6
	LiveCodeBench v5	25.2	26.9	26.4	<u>29.0</u>	29.8
	CodeForces (Rating / Percentile)	1280 / 65.3%	1063 / 49.3%	903 / 38.2%	1200 / 58.6%	<u>1267 / 64.1%</u>
Multilingual Tasks	Multi-IF	49.5	69.8	63.2	72.9	<u>70.8</u>
	INCLUDE	65.3	71.4	67.5	<u>67.8</u>	<u>67.8</u>
	MMMLU 14 languages	<u>74.7</u>	76.1	74.2	72.6	73.8
	MT-AIME2024	13.1	23.0	15.3	<u>23.2</u>	24.6
	PolyMath	17.4	20.3	18.3	<u>22.0</u>	23.3
	MLogiQA	53.1	<u>58.5</u>	58.0	58.9	53.3