6. Results

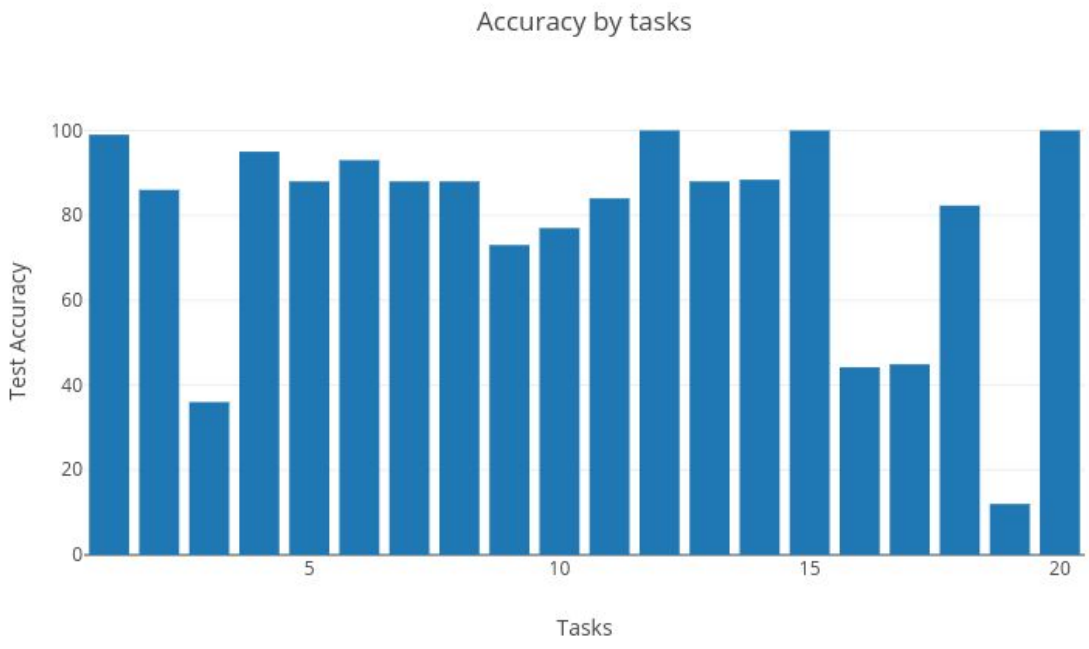
Task Id	Name	Hop 2	Hop 3
1	1 supporting fact	1.0	0.99
2	2 supporting facts	0.86	0.86
3	3 supporting facts	0.38	0.36
4	2 argument relations	0.98	0.973
5	3 argument relations	0.86	0.88
6	yes/no questions	0.94	0.93
7	counting	0.85	0.88
8	lists/sets	0.88	0.88
9	simple negation	0.7	0.73
10	indefinite knowledge	0.79	0.78
11	basic coreference	0.83	0.84
12	conjunction	0.99	1.0
13	compound coreference	0.86	0.88
14	time reasoning	0.9	0.89
15	basic deduction	0.92	1.0
16	basic induction	0.44	0.442
17	positional reasoning	0.51	0.5
18	size reasoning	0.836	0.85
19	path finding	0.134	0.12
20	agent’s motivation	1.0	1.0
	Accuracy > 0.95	5	6

We will input some facts in out model and then ask a question. The model must output the correct answer.

Comprehension:
- Sita seb le kar aayi.
- Priya galiyarey mein chali gayi.
- Priya sayanakaksh mein chali gayi.
- Sita galiyarey mein chali gayi.

Q: Seb ab kahan hai?

A: Galiyara



Comprehension:
- Sita dhoodh le kar aayi.
- Mohit daftar mein gaya.
- Sita daftar mein gayi.

- Sita galiyarey mein chali gayi.
Q: Galiyarey se pehle dhoodh kahan per tha?

A: daftar

Comprehension:
1 Mohit seb le aaya.
2 Mohit seb rakh aaya.
3 Mohit bagichey mein chala gaya.
4 Mohit galiyare mein chala gaya.
5 Mohit ke pass kitni cheezein hai? shunya

7. References

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[4] bAbi Dataset
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