

BOOLQ HP-Score :

Refer to the dataset at : <https://huggingface.co/datasets/google/boolq>

S.No	sample	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-Score
1	does ethanol take more energy make that produces	4	3	3	1	2.75
2	is pain experienced in a missing body part or paralyzed area	2	2	3	2	2.25
3	is there a play off for third place in the world cup	3	3	2	1	2.25
4	are new balance and nike the same company	2	2	1	4	2.25
5	did anyone from the 1980 us hockey team play in the nhl	2	1	1	1	1.25
6	can you wear your letterman after high school	2	2	1	1	1.5
7	is journey 2 the mysterious island a sequel	3	2	1	1	1.75
8	is david from love it or list it a real realtor	2	1	1	1	1.25
9	were there any survivors in the pompeii eruption	3	3	3	1	2.5
10	did the game of thrones theme song change	2	3	3	1	2.25
11	is france the same timezone as the uk	3	4	4	2	3.25
12	do all ni numbers have a letter at the end	2	2	1	2	1.75
13	is there a difference between 2 cycle and 2 stroke	1	1	1	1	1
14	is the walking dead same as fear the walking dead	2	2	1	1	1.5
15	is britain still a member of european union	4	4	4	3	3.75
16	did arizona die in season 8 of grey's anatomy	2	2	1	1	1.5
17	is st kitts and nevis a us territory	2	2	1	1	1.5
18	is an ace 2 3 4 5 a straight	4	5	5	3	4.25

19	is a wheel and axle a simple machine	1	1	1	1	1
20	is national and enterprise car rental the same company	2	2	1	1	1.5
21	is there a sequel to the movie i am four	1	1	1	1	1
22	is new jersey a suburb of new york city	3	3	3	1	2.5
23	does the us own the statue of liberty	2	2	1	1	1.5
24	is it possible to thunder and lightning while snowing	3	2	1	1	1.75
25	is jefferson airplane in the rock and roll hall of fame	3	3	1	1	2
26	does the florida constitution give a minimum age for legislators	1	1	1	1	1
27	is friction tape the same as electrical tape	4	3	4	1	3
28	is a ram and a lamb the same thing	4	2	2	1	2.25
29	can a hornet sting you more than once	3	3	2	1	2.25
30	will there be any more tinker bell movies	1	1	1	1	1
31	is there a 3rd season of berlin station	2	1	1	1	1.25
32	is the seven ages of man a sonnet	3	3	1	1	2
33	has every mountain in the world been climbed	3	3	3	3	3
34	is edinburgh castle built on top of a volcano	2	2	1	1	1.5
35	did zz top play in back to the future 3	1	1	1	1	1
36	is there a storage limit on google drive	2	1	1	1	1.25
37	do you know the place where the peacock throne is now	3	2	1	1	1.75
38	is there a year 0 in the gregorian calendar	2	1	1	2	1.5
39	will there be a season 4 of the flash	1	1	1	1	1
40	did star wars episode 3 come out on vhs	2	1	1	1	1.25
41	do you have to tag up on an infield fly rule	4	4	4	2	3.5
42	are there any post credit scenes in dead pool 2	3	4	3	1	2.75

43	can you do surgery on a baby in utero	3	3	2	1	2.25
44	can you get to south america by car	4	3	4	3	3.5
45	is universal healthcare the same as socialized medicine	1	1	1	1	1
46	is a diffraction effect seen in sound waves	4	1	1	1	1.75
47	can a ship's captain legally marry a couple	3	1	1	1	1.5
48	does the same genotype always result in the same phenotype	2	1	1	1	1.25
49	does naruto ultimate ninja storm have a story mode	2	1	1	1	1.25
50	can you vote as a permanent resident in canada	1	1	1	1	1
51	is it illegal to drive over a median	3	1	1	1	1.5
52	can an x be used as a signature	2	1	1	1	1.25
53	is the book of deuteronomy in the new testament	2	1	1	3	1.75
54	do monster energy drinks have alcohol in them	3	1	2	3	2.25
55	is daisy the director of shield in the comics	4	1	1	4	2.5
56	is the mafia still active in new jersey	4	1	1	1	1.75
57	is there a town called radiator springs on route 66	3	1	1	2	1.75
58	will there be a fallen 2 movie 2017	4	4	3	1	3
59	do you have to be literate to vote	1	1	1	1	1
60	does air force one fly with fighter escort	2	1	1	1	1.25
61	can a president choose not to run for reelection	2	1	1	1	1.25
62	is there a sugar tax in the us	4	1	4	1	2.4
63	can you pick up the first card in rummy	3	3	1	1	2
64	did river phoenix play in stand by me	2	1	1	1	1.25
65	is the preamble a part of the indian constitution	3	1	1	1	1.5
66	is state bank of india and bank of india same	3	1	1	3	2

67	is there such thing as a moon flower	1	1	1	1	1
68	did hawaii used to be called the sandwich islands	3	1	1	1	1.5
69	is the cat part of the chinese zodiac	3	2	2	2	2.25
70	are jamie lynn spears and britney spears related	2	1	1	1	1.25
71	is a crossover the same as an suv	1	1	1	1	1
72	is the heart apart of the muscular system	3	1	3	3	2.5
73	do you have to be a us citizen to run for president	1	1	1	1	1
74	can a person have dual citizenship in india	3	1	1	1	1.5
75	can you buy alcohol in maine on sundays	3	1	1	2	1.75
76	was the song footloose written for the movie	3	1	1	1	1.5
77	is a dachshund the same as a sausage dog	1	1	1	1	1
78	can you seek asylum from your home country	3	3	1	1	2
79	is 1 a prime factor of every number	1	1	1	1	1
80	do eu citizens have indefinite leave to remain	4	3	1	3	2.75
81	is a pentagon made of 5 equilateral triangles	3	2	2	1	2
82	is there a bart station in antioch ca	3	1	1	1	1.5
83	do c++ strings need to be null terminated	5	4	4	4	4.25
84	can a standard deviation be greater than 1	2	1	1	3	1.75
85	can a terminating decimal be written as a recurring decimal	4	2	2	1	2.25
86	is net earnings and net income the same	1	1	1	1	1
87	do you have to touch the ball to be offside in soccer	3	3	1	1	2
88	is crankshaft pulley and harmonic balancer the same thing	3	2	2	1	2
89	is jack daniels made in a dry county	3	2	1	1	1.75
90	is google drive the same as google docs	3	3	1	1	2
91	did kevin durant play for the seattle supersonics	1	1	1	1	1

92	does it get cold at night in hawaii	4	4	3	4	3.75
93	is equity in your home a liquid asset	1	1	1	1	1
94	is lipid profile and lipid panel the same	1	1	1	1	1
95	is italy going to the world cup 2018	2	1	1	1	1.25
96	is there a zoo in las vegas nevada	1	1	1	1	1
97	can you get a dog's vocal cords removed	2	1	1	1	1.25
98	is the nobel peace prize awarded every year	2	1	1	1	1.25
99	is mt fuji the tallest mountain in the world	3	1	1	3	2
100	are all spark plugs the same size socket	2	1	1	1	1.25
101	has mexico ever beat germany in the world cup	1	1	1	2	1.25
102	was the steam engine invented during the renaissance	3	3	1	4	2.75
103	has the bottom of the marianas trench been explored	2	1	1	1	1.25
104	is in the time of the butterflies a true story	2	3	1	1	1.75
105	are there any major water concerns for australia	3	2	2	1	2
106	is living at high altitude good for you	3	3	1	1	2
107	did the girl in the lost world die	3	3	3	1	2.5
108	is anne with an e filmed on pei	1	1	1	1	1
109	is there a movie with 0 on rotten tomatoes	1	1	2	1	1.25
110	are there nuclear power plants in the us	1	1	1	1	1
111	does a two dollar bill have any value	2	1	1	1	1.25
112	is there a trophy for the triple crown	1	1	1	1	1
113	can you marry more than one person in uk	1	1	1	1	1
114	does the atomic number represent the number of protons	1	1	1	1	1
115	can i have multiple foreign keys in a table	1	1	1	1	1
116	is it illegal to sell e cigs to minors	4	2	1	2	2.25
117	is the movie roxanne roxanne a true story	2	1	2	1	1.5

118	is the hunchback of notre dame real story	3	3	3	1	2.5
119	is the movie burlesque based on a true story	2	2	2	1	1.75
120	do all bacteria have peptidoglycan in their cell walls	1	1	1	5	2
121	does a public company have to be listed on the stock exchange	2	1	2	1	1.5
122	will there be a season 5 of shadowhunters	2	1	1	1	1.25
123	do exoplanetary systems follow the titus bode rule	1	1	1	1	1
124	is the canadian dollar worth more than usd	2	2	2	1	1.75
125	do you have to pay to use the itv hub	1	1	1	1	1
126	is the fundus of the gallbladder located near the cystic duct	2	2	1	1	1.5
127	has there ever been a recess appointment to the supreme court	2	1	1	1	1.25
128	is the movie sling blade a true story	2	1	2	1	1.5
129	is there a monthly fee for google voice	2	1	1	1	1.25
130	does us have a team in the world cup	4	3	4	3	3.5
131	does he make it home in the martian	1	2	1	1	1.25
132	does the dulles toll road take credit cards	4	1	1	1	1.75
133	is a no insurance ticket a moving violation	3	2	3	1	2.25
134	is a intel core 2 duo processor 64 bit	1	1	1	1	1
135	are there any living survivors from world war 1	3	1	1	2	1.75
136	are honey bees and bumble bees the same	1	1	1	2	1.25
137	does angel food cake have eggs in it	1	1	1	1	1
138	is taro root the same as elephant ears	5	3	1	1	2.5
139	did the stock market crash of 1929 caused the great depression	4	2	1	1	2
140	can you drink under the age of 21	2	1	2	1	1.5
141	are babies born with 2 sets of teeth	2	1	1	5	2.25

142	is selection sort more efficient than insertion sort	2	2	1	1	1.5
143	can you move a knight first in chess	1	1	1	1	1
144	do i need to fast for an acth test	1	1	1	1	1
145	are seagate and western digital the same company	2	1	1	1	1.25
146	have the bengals ever been to the superbowl	2	2	1	1	1.5
147	is 866 a toll free number in canada	1	1	1	1	1
148	is contempt of court a criminal offence in canada	2	1	1	1	1.25
149	is internal energy the same as potential energy	2	2	2	1	1.75
150	does the white house residence have a kitchen	2	1	1	1	1.25
151	are hot tubs and jacuzzis the same thing	1	1	1	1	1
152	are flat feet the same as fallen arches	1	1	1	1	1
153	does the e train run on weekends nyc	3	1	1	4	2.25
154	have any satellites or robots been to neptune	1	1	1	1	1
155	can you put a split tongue back together	2	1	1	1	1.25
156	is troy fall of a city on netflix	3	1	1	1	1.5
157	can your equilibrium be off after a cruise	4	2	2	1	2.25
158	do anne and gilbert get together in the books	1	1	1	1	1
159	are celery and rhubarb from the same family	2	1	1	1	1.25
160	is the turbulent water created by breaking waves	4	2	4	1	2.75
161	is mineral oil the same as hydraulic oil	3	3	2	4	3
162	can a batsman be run out on a no ball	1	1	1	1	1
	Final Scores	2.3	1.67	1.47	1.4	1.71

Policy:

- Each rule of the taxonomy is scored by a human on a scale from 1 to 5, as the hierarchical prompt framework has 5 levels.
- Each sample is scored based on its own complexity.

- A representative set of dataset is randomly sampled for scoring the dataset. The size of the set is nearly 5% of the original dataset.