



# OpenBookQA

OpenBookQA is a new kind of question-answering dataset modeled after open book exams for assessing human understanding of a subject. It consists of 5,957 multiple-choice elementary-level science questions (4,957 train, 500 dev, 500 test), which probe the understanding of a small "book" of 1,326 co... [more](#)

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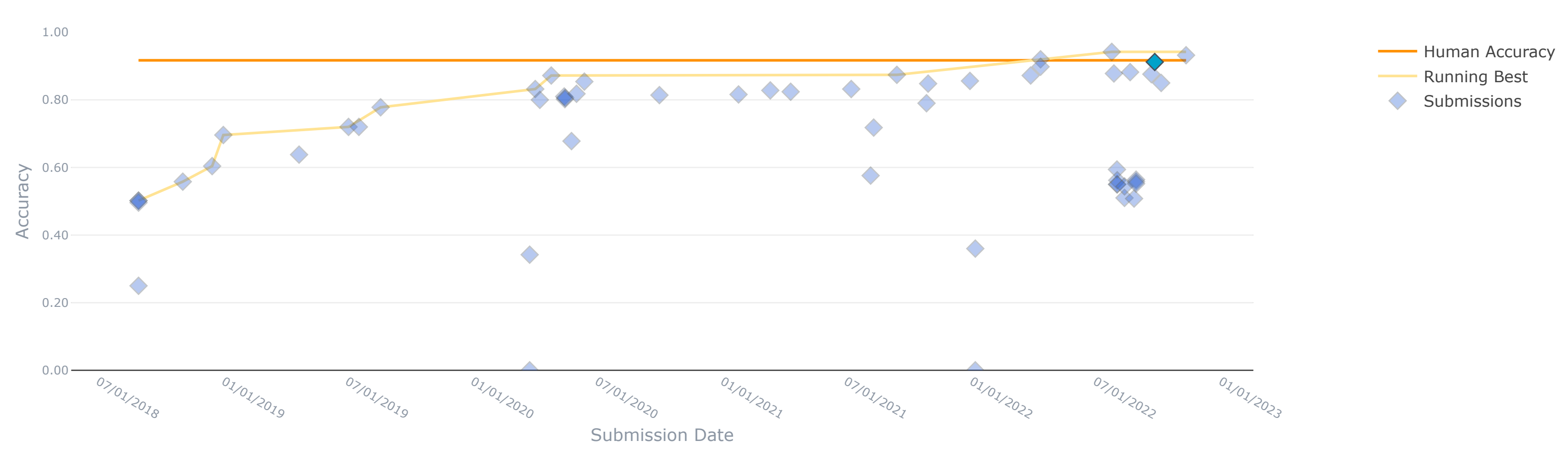
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## Human Performance Accuracy: 0.917

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Rank	Submission	Created	Accuracy
1	X-Reasoner HFL & iFLYTEK Research	07/25/2022	0.942
2	PMV-tuning-ensemble anonymous	11/11/2022	0.932
3	GenMC (ensemble) NanJing University (Zixian Hu...	04/12/2022	0.920
4	PMV-tuning-deberta-xxlarge anonymous	09/26/2022	0.912
5	GenMC NanJing University (Zixian Hu...	04/12/2022	0.898
6	PipeNet N/A	08/21/2022	0.882
7	DRAGON Anonymous	07/28/2022	0.878
8	P-MV-AristoRoberta Anonymous	09/21/2022	0.876
9	GSC + AristoRoBERTa Georgia Tech + MSRA	09/13/2021	0.874
10	UnifiedQA (T5-11B; finetuned)... Daniel Khoshabi, from AI2	04/25/2020	0.872
10	UL Test Google Research	03/28/2022	0.872
12	JointLK SCIR Lab at Harbin Institute...	12/29/2021	0.856
13	T5 11B + KB Pirtoaca George Sebastian fro...	06/12/2020	0.854
14	HamQA + AristoRoBERTa anonymous	10/05/2022	0.850
15	GreaseLM Stanford University	10/29/2021	0.848
16	sss sss from hit	07/08/2021	0.832
17	TTTTT University of Waterloo and Ac...	04/01/2020	0.832
18	QA-GNN Stanford	03/12/2021	0.828
19	CGR+ AristoRoBERTav7 CUHK	04/10/2021	0.824
20	Knowledgeable Path Generator ... USC MOWGLI / INK Lab	06/01/2020	0.818
21	AMR-SG + AristoRoBERTav7 CUHK	01/24/2021	0.816
22	HGN + AristoRoBERTav7 USC MOWGLI / INK Lab	09/30/2020	0.814
23	ALBERT XXLarge V2 + KB Pirtoaca George Sebastian fro...	05/14/2020	0.810
24	MHGRN (AristoRoBERTav7) INK Lab at USC	05/15/2020	0.806
25	Knowledgeable Path Generator ... Anonymous Submission	05/15/2020	0.802
26	KF+SIR Pratyay Banerjee, Chitta Baral	04/08/2020	0.800
27	QAGNN-DeBERTa ICBU, Alibaba.com	10/27/2021	0.790
28	AristoRoBERTav7 Aristo team at Allen Institut...	08/19/2019	0.778
29	Careful Selection of Knowledg... Pratyay Banerjee, Kuntal Pal...	07/18/2019	0.720
29	AristoBERTv7 Aristo team at Allen Institut...	07/03/2019	0.720
31	SaIKG-Coarse v0 (RN + RoBERTa... INK Lab at USC	08/10/2021	0.718
32	QA Transfer Kai Sun (Cornell/Tencent AI L...	12/31/2018	0.696
33	UnifiedQA (BART-uncased-large... Daniel Khoshabi from AI2	05/24/2020	0.678
34	BERT Multi-Task (Single Model) Microsoft Dynamics 365 AI Res...	04/21/2019	0.638
35	BERT-Large (no KB) Run by Allen Institute for AI...	12/15/2018	0.604
36	FSP anonymous	08/02/2022	0.594
37	Random Sanity Check anonymous from anonymous	08/06/2021	0.576
38	E2QA anonymous	08/30/2022	0.564
39	EQA anonymous	08/02/2022	0.562
40	Reading Strategies Kai Sun, Dian Yu, Dong Yu, Cl...	11/02/2018	0.558
41	LQA anonymous	08/30/2022	0.558
42	LoInf anonymous	08/30/2022	0.552
43	Reason-Predict anonymous	08/02/2022	0.550
43	PreRS anonymous	08/02/2022	0.550
45	KGIInf anonymous	08/13/2022	0.544
46	directInf anonymous	08/13/2022	0.510
47	EQA anonymous	08/27/2022	0.508
48	Odd-One-Out Solver Allen Institute for AI and Un...	08/29/2018	0.502
48	Question Match anonymous	08/29/2018	0.502
50	Plausible Answer Detector Allen Institute for AI and Un...	08/29/2018	0.496
51	Unsupervised CS QA w/ KD + BE... OSU	01/06/2022	0.360
52	Unsupervised QA with PT Sathya Aakur	03/24/2020	0.342
53	Guess All ("random") anonymous	08/29/2018	0.250
54	Unsupervised CS QA w/ KD + BE... OSU	01/06/2022	0.000
54	Unsupervised QA with PT Sathya Aakur	03/24/2020	0.000

Accuracy Over Time



To get in touch, email us at [leaderboard@allenai.org](mailto:leaderboard@allenai.org)

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