Supplemental Table S4. Completeness, accuracy, and readability scores for chatbot answers to patient questions regarding the top 50 most prescribed drugs in the US outpatient market.

		Statements reference	Statements chatbot	Completeness [%]	Accuracy [%]	Readability
What is [drug] used for?	Median	3.0	3.0	100.0	100.0	33.2
	IQR	2.0-3.0	3.0-4.0	75.0-100.0	100.0-100.0	21.6-48.4
	Mean	2.9	3.7	88.3	99.0	33.6
	SD	1.9	1.7	20.8	5.00	16.9
How does [drug] work?	Median	1.0	1.0	100.00	100.0	34.0
	IQR	1.0-1.0	1.0-2.0	100.0-100.0	100.0-100.0	23.1-48.4
	Mean	1.0	1.6	98.9	98.9	35.1
	SD	0.4	1.0	7.4	7.4	16.9
What do I have to consider when taking [drug]?	Median	12.0	4.0	20.0	100.0	48.7
	IQR	10.8-13.0	3.0-5.0	15.4-30.9	75.0-100.0	39.3-56.1
	Mean	11.9	4.4	22.7	88.8	46.9
	SD	2.1	1.5	11.5	16.4	13.4
Can I take [drug] together with food?	Median	1.0	1.0	100.0	100.0	58.6
	IQR	1.0-1.0	1.0-2.0	100.0-100.0	100.0-100.0	46.8-74.1
	Mean	1.0	1.4	98.0	94.0	59.2
	SD	0.2	0.7	9.9	21.8	16.3
Can I drink alcohol while on [drug]?	Median	1.0	1.0	100.0	100.0	40.2
	IQR	1.0-1.0	1.0-1.0	100.0-100.0	50.0-100.0	27.9-46.5
	Mean	1.0	1.1	100.0	78.0	36.1
	SD	0.0	0.3	0.0	35.2	14.4
Are there any other drugs that should not be combined with [drug]?	Median	6.0	4.0	42.9	100.0	31.6
	IQR	3.8-9.3	2.0-6.0	19.2-60.0	75.0-100.0	16.6-39.2
	Mean	6.3	4.7	42.6	85.0	27.6
	SD	3.7	3.4	29.9	22.6	16.4
What are the most common side effects of [drug]?	Median	4.5	7.0	75.0	100.0	38.8
	IQR	4.0-7.0	5.0-8.5	50.0-100.0	100.0-100.0	22.5-48.4
	Mean	5.4	7.7	71.34	98.8	36.7
	SD	2.8	3.3	25.0	4.5	16.4
What are the most serious side effects of [drug]?	Median	8.0	7.0	50.0	92.3	38.1
	IQR	5.0-11.0	5.0-9.0	32.7-60.0	66.7-100.0	23.0-46.8
	Mean	8.1	7.7	46.6	83.9	34.0
	SD	3.8	3.8	16.8	19.6	15.6
Can [drug] be used in pregnancy?	Median	1.0	1.0	100.0	100.0	38.7
	IQR	1.0-1.0	1.0-1.0	100.0-100.0	100.0-100.0	28.2-46.0
	Mean	1.0	1.1	100.0	89.0	37.2
	SD	0.0	0.2	0.0	23.2	12.2
Can [drug] be used in renal failure?	Median	1.0	1.0	100.0	50.0	29.1
	IQR	1.0-1.0	1.0-1.0	100.0-100.0	50.0-100.0	17.0-35.8
	Mean	1.0	1.2	100.0	73.0	26.5
	SD	0.0	0.7	0.0	27.1	13.9

Supplemental material

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Abbreviations: IQR, interquartile range; SD, standard deviation.