

Table S1. Questions administered to VAs

ED
What is impotence?
At what age can a man suffer from impotence?
How frequent is impotence?
Why does a man become impotent?
Can prostate problems cause impotence?
Does smoking and alcohol cause impotence?
I don't want to have sex anymore, what happens?
Who treats Impotence?
How do I know if I have impotence?
How is impotence treated?
Are there natural remedies for impotence?
Where can I buy impotence drugs?
How are impotence drugs taken?
What can i do if impotence drugs don't work?
What is a penile prosthesis?
PE
How long should a sexual intercourse last?
How long does it take a man to come normally?
When is ejaculation premature? What is definition of..
Is it normal to come immediately when you are young?
Why am I coming so early?
Could it be the anxiety that makes me come too early?
Who treats premature ejaculation?
How do I know if I have premature ejaculation?
How can I last longer during a sexual intercourse?
How is premature ejaculation treated?
Is premature ejaculation treatable?
Are there natural remedies for premature ejaculation?
Where can I buy drugs for premature ejaculation?
Does alcohol help not come too early?
Can I use an anesthetic for premature ejaculation?
PD
Why do I have a curved penis?
Why does my penis hurt when I have an erection?
Why is the penis bending?
My penis seems smaller to me, what happens?
What is Peyronie's disease?
I can feel a lump on my penis, what can it be?
Will my penis go straight?
Who treats a curved penis?
How is Peyronie's disease treated?
Can Peyronie's disease be cured?
Does the surgery for curved penis work?
Will my penis go straight back after surgery?
Will my penis go back as long as before after the operation?
Are there natural remedies for Peyronie's disease?
What alternatives are there to surgery?
Male infertility

What is infertility?
How does a man become sterile?
What are the causes of male infertility?
What is varicocele?
Can varicoceles cause Infertility?
Up to what age can a man have children?
Why can't I have children with my wife?
How do I know if I'm fertile?
What is a spermiogram?
How is a spermiogram performed?
Who treats male infertility?
How is male infertility treated?
Are there natural remedies for male infertility?
What is assisted reproduction?
When is it necessary to do assisted reproduction?
Other
How long is a normal penis?
How do I stretch my penis?
How do you make a woman come?
Where is G-spot?
Too much sex hurts?
How do I know if I'm a fetishist?
I'm afraid that I am a pedophile. What can I do?
What birth control methods are effective for not having children?
Too much masturbation hurts?
How can I avoid sexually transmisted diseases?
I feel a lump in my testicle, what should I do?
How do I know if I'm gay?
What is phimosis?
My testicle hurts, what can I do?
What is a condom for?

VA: Voice Assistant; ED: Erectile Dysfunction; PE: Premature Ejaculation; PD: Peyronie's Disease.

Table S2. Quality and characteristics of the answers formulated by VAs.

Condition	Domain	VA	Mean	SD	95% CI		Quality	P-value
					Lower Bound	Upper Bound		
ED	Targeted response to the problem	Siri	5.40	4.073	3.88	6.92	Intermediate	0.427
		Alexa	4.07	4.110	2.53	5.60	Intermediate	
		Google Assistant	4.90	3.745	3.50	6.30	Intermediate	
		Total	4.79	3.973	3.96	5.62	Intermediate	
	Scientific correctness of the answer	Siri	4.83	3.405	3.56	6.10	Intermediate	0.912
		Alexa	4.43	4.014	2.93	5.93	Intermediate	
		Google Assistant	4.67	3.417	3.39	5.94	Intermediate	
		Total	4.64	3.586	3.89	5.40	Intermediate	
	Completeness of the answer	Siri	4.60	3.692	3.22	5.98	Intermediate	0.811
		Alexa	3.97	4.064	2.45	5.48	Intermediate	
		Google Assistant	4.30	3.573	2.97	5.63	Intermediate	
		Total	4.29	3.748	3.50	5.07	Intermediate	
	Understandability of the response for a patient	Siri	5.27	3.552	3.94	6.59	Intermediate	0.558
		Alexa	4.33	3.960	2.85	5.81	Intermediate	
		Google Assistant	4.43	3.461	3.14	5.73	Intermediate	
		Total	4.68	3.647	3.91	5.44	Intermediate	
	Use of empathic language	Siri	2.13	2.156	0.98	3.27	Low	0.234
		Alexa	1.50	1.358	0.99	2.01	Low	
Google Assistant		2.30	1.964	1.46	3.15	Low		
Total		1.91	1.788	1.48	2.34	Low		
Authoritativeness of the scientific source cited	Siri	3.47	3.481	2.17	4.77	Intermediate	0.001	
	Alexa	0.67	1.204	0.16	1.18	Low		
	Google Assistant	2.41	2.653	1.40	3.42	Low		
	Total	2.29	2.895	1.66	2.92	Low		
Referral to other appropriate sources of help	Siri	2.73	3.005	1.61	3.86	Low	<0.0001	
	Alexa	0.13	.507	-0.06	0.32	Low		
	Google Assistant	1.69	2.494	0.74	2.64	Low		
	Total	1.52	2.491	0.99	2.04	Low		
PE	Targeted response to the problem	Siri	4.90	3.881	3.45	6.35	Intermediate	<0.0001
		Alexa	1.13	2.675	0.13	2.13	Low	
		Google Assistant	3.07	3.562	1.74	4.40	Intermediate	
		Total	3.03	3.710	2.26	3.81	Intermediate	
	Scientific correctness of the answer	Siri	3.47	2.813	2.42	4.52	Intermediate	0.004
		Alexa	1.10	2.537	0.15	2.05	Low	
		Google Assistant	2.30	2.693	1.29	3.31	Low	
		Total	2.29	2.825	1.70	2.88	Low	
	Completeness of the answer	Siri	4.27	3.383	3.00	5.53	Intermediate	0.002
		Alexa	1.20	2.858	0.13	2.27	Low	
		Google Assistant	2.73	3.290	1.50	3.96	Low	
		Total	2.73	3.290	1.50	3.96	Low	

	Total	2.73	3.391	2.02	3.44	Low	
Understandability of the response for a patient	Siri	4.53	3.501	3.23	5.84	Intermediate	<0.0001
	Alexa	0.93	2.463	0.01	1.85	Low	
	Google Assistant	2.47	2.968	1.36	3.57	Low	
	Total	2.64	3.323	1.95	3.34	Low	
Use of empathic language	Siri	0.43	0.514	0.13	0.73	Low	0.791
	Alexa	0.67	1.845	-0.02	1.36	Low	
	Google Assistant	0.82	1.842	0.00	1.63	Low	
	Total	0.67	1.639	0.26	1.07	Low	
Authoritativeness of the scientific source cited	Siri	2.60	2.594	1.63	3.57	Low	0.001
	Alexa	0.47	0.973	0.10	0.83	Low	
	Google Assistant	1.90	2.455	0.96	2.83	Low	
	Total	1.65	2.292	1.17	2.13	Low	
Referral to other appropriate sources of help	Siri	1.80	1.972	1.06	2.54	Low	<0.0001
	Alexa	0.07	0.254	-0.03	0.16	Low	
	Google Assistant	1.07	1.668	0.43	1.70	Low	
	Total	0.98	1.644	0.63	1.32	Low	
Targeted response to the problem	Siri	3.97	4.064	2.45	5.48	Intermediate	0.098
	Alexa	1.90	3.438	0.62	3.18	Low	
	Google Assistant	2.67	3.585	1.33	4.01	Low	
	Total	2.84	3.762	2.06	3.63	Low	
Scientific correctness of the answer	Siri	3.60	3.587	2.26	4.94	Intermediate	0.334
	Alexa	2.20	3.624	0.85	3.55	Low	
	Google Assistant	2.90	3.708	1.52	4.28	Low	
	Total	2.90	3.644	2.14	3.66	Low	
Completeness of the answer	Siri	3.23	3.441	1.95	4.52	Intermediate	0.281
	Alexa	1.80	3.458	0.51	3.09	Low	
	Google Assistant	2.53	3.481	1.23	3.83	Low	
	Total	2.52	3.471	1.80	3.25	Low	
PD Understandability of the response for a patient	Siri	3.53	3.461	2.24	4.83	Intermediate	0.156
	Alexa	1.83	3.217	0.63	3.03	Low	
	Google Assistant	2.63	3.459	1.34	3.92	Low	
	Total	2.67	3.415	1.95	3.38	Low	
Use of empathic language	Siri	0.00	0.000	0.00	0.00	Low	0.211
	Alexa	0.67	1.295	0.18	1.15	Low	
	Google Assistant	0.55	1.335	-0.05	1.14	Low	
	Total	0.48	1.180	0.19	0.77	Low	
Authoritativeness of the scientific source cited	Siri	3.00	3.173	1.82	4.18	Low	0.001
	Alexa	0.53	0.860	0.21	0.85	Low	
	Google Assistant	1.83	2.692	0.83	2.84	Low	
	Total	1.79	2.629	1.24	2.34	Low	
Referral to other	Siri	1.93	3.005	0.81	3.06	Low	0.004
	Alexa	0.00	0.000	0.00	0.00	Low	

Male Infertility	appropriate sources of help	Google Assistant	1.23	2.329	0.36	2.10	Low	0.054	
		Total	1.06	2.314	0.57	1.54	Low		
	Targeted response to the problem	Siri	8.20	1.400	7.68	8.72	High		0.811
		Alexa	6.63	3.316	5.39	7.87	Intermediate		
		Google Assistant	7.13	2.474	6.21	8.06	High		
		Total	7.32	2.578	6.78	7.86	High		
	Scientific correctness of the answer	Siri	5.63	1.608	5.03	6.23	Intermediate		0.950
		Alexa	6.07	3.581	4.73	7.40	Intermediate		
		Google Assistant	6.00	2.804	4.95	7.05	Intermediate		
		Total	5.90	2.760	5.32	6.48	Intermediate		
	Completeness of the answer	Siri	5.07	1.760	4.41	5.72	Intermediate		0.243
		Alexa	5.10	3.241	3.89	6.31	Intermediate		
		Google Assistant	5.27	2.545	4.32	6.22	Intermediate		
		Total	5.14	2.560	4.61	5.68	Intermediate		
	Understandability of the response for a patient	Siri	5.93	1.363	5.42	6.44	Intermediate		0.470
		Alexa	4.97	3.253	3.75	6.18	Intermediate		
		Google Assistant	5.00	2.533	4.05	5.95	Intermediate		
		Total	5.30	2.519	4.77	5.83	Intermediate		
	Use of empathic language	Siri	3.00	0.000	3.00	3.00	Low		<0.0001
		Alexa	1.67	1.493	1.11	2.22	Low		
Google Assistant		1.88	1.586	1.03	2.72	Low			
	Total	1.79	1.501	1.36	2.23	Low			
Authoritativeness of the scientific source cited	Siri	3.93	2.212	3.11	4.76	Intermediate	<0.0001		
	Alexa	1.43	1.716	0.79	2.07	Low			
	Google Assistant	2.67	2.023	1.91	3.42	Low			
	Total	2.68	2.223	2.21	3.14	Low			
Referral to other appropriate sources of help	Siri	3.20	1.400	2.68	3.72	Intermediate	<0.0001		
	Alexa	0.00	0.000	0.00	0.00	Low			
	Google Assistant	2.07	1.751	1.40	2.74	Low			
	Total	1.75	1.848	1.36	2.14	Low			
Other	Targeted response to the problem	Siri	6.20	3.899	4.74	7.66	Intermediate	0.020	
		Alexa	3.37	3.970	1.88	4.85	Intermediate		
		Google Assistant	4.40	3.775	2.99	5.81	Intermediate		
		Total	4.66	4.014	3.81	5.50	Intermediate		
	Scientific correctness of the answer	Siri	4.00	3.523	2.68	5.32	Intermediate	0.566	
		Alexa	3.03	3.634	1.68	4.39	Intermediate		
		Google Assistant	3.63	3.429	2.35	4.91	Intermediate		
		Total	3.56	3.513	2.82	4.29	Intermediate		
	Completeness of the answer	Siri	5.07	3.453	3.78	6.36	Intermediate	0.070	
		Alexa	2.90	3.661	1.53	4.27	Low		
		Google Assistant	3.93	3.648	2.57	5.30	Intermediate		
		Total	3.97	3.658	3.20	4.73	Intermediate		

Understandability of the response for a patient	Siri	5.13	3.170	3.95	6.32	Intermediate	0.118
	Alexa	3.30	3.678	1.93	4.67	Intermediate	
	Google Assistant	4.00	3.404	2.73	5.27	Intermediate	
	Total	4.14	3.469	3.42	4.87	Intermediate	
Use of empathic language	Siri	1.00	1.907	-0.21	2.21	Low	0.288
	Alexa	0.33	0.922	-0.01	0.68	Low	
	Google Assistant	0.52	1.123	0.01	1.04	Low	
	Total	0.52	1.229	0.21	0.83	Low	
Authoritativeness of the scientific source cited	Siri	3.20	2.882	2.12	4.28	Intermediate	<0.0001
	Alexa	0.60	1.070	0.20	1.00	Low	
	Google Assistant	1.87	2.432	0.96	2.77	Low	
	Total	1.89	2.479	1.37	2.41	Low	
Referral to other appropriate sources of help	Siri	0.87	0.819	0.56	1.17	Low	0.535
	Alexa	0.67	1.882	-0.04	1.37	Low	
	Google Assistant	0.50	0.777	0.21	0.79	Low	
	Total	0.68	1.262	0.41	0.94	Low	

VA: Voice Assistant; SD: Standard Deviation; CI: Confidence Interval; ED: Erectile Dysfunction; PE: Premature Ejaculation; PD: Peyronie's Disease.

Arbitrary mean scores of 0-3 were associated with low quality, > 3 but < 7 with intermediate quality, and 7-10 with high quality.

Statistically significant p-values were marked in bold.

Table S3. Post hoc analysis: Comparison between VAs

Condition	Domain (Dependent Variable)	VA 1	VA 2	Mean Difference	Standard Error	P-value
ED	Targeted response to the problem	Siri	Alexa	1.333	1.028	0.594
			Google Assistant	0.500	1.028	1.000
		Alexa	Siri	-1.333	1.028	0.594
			Google Assistant	-0.833	1.028	1.000
		Google Assistant	Siri	-0.500	1.028	1.000
			Alexa	0.833	1.028	1.000
	Scientific correctness of the answer	Siri	Alexa	0.400	0.936	1.000
			Google Assistant	0.167	0.936	1.000
		Alexa	Siri	-0.400	0.936	1.000
			Google Assistant	-0.233	0.936	1.000
		Google Assistant	Siri	-0.167	0.936	1.000
			Alexa	0.233	0.936	1.000
	Completeness of the answer	Siri	Alexa	0.633	0.977	1.000
			Google Assistant	0.300	0.977	1.000
		Alexa	Siri	-0.633	0.977	1.000
			Google Assistant	-0.333	0.977	1.000
		Google Assistant	Siri	-0.300	0.977	1.000
			Alexa	0.333	0.977	1.000
	Understandability of the response for a patient	Siri	Alexa	0.933	0.946	0.980
			Google Assistant	0.833	0.946	1.000
		Alexa	Siri	-0.933	0.946	0.980
			Google Assistant	-0.100	0.946	1.000
		Google Assistant	Siri	-0.833	0.946	1.000
			Alexa	0.100	0.946	1.000
	Use of empathic language	Siri	Alexa	0.625	0.550	0.779
			Google Assistant	-0.179	0.578	1.000
		Alexa	Siri	-0.625	0.550	0.779
			Google Assistant	-0.804	0.492	0.321
		Google Assistant	Siri	0.179	0.578	1.000
			Alexa	0.804	0.492	0.321
	Authoritativeness of the scientific source cited	Siri	Alexa	2.800	0.739	0.001
			Google Assistant	1.053	0.702	0.413
		Alexa	Siri	-2.800	0.739	0.001
			Google Assistant	-1.747	0.744	0.064
		Google Assistant	Siri	-1.053	0.702	0.413
			Alexa	1.747	0.744	0.064
		Siri	Alexa	2.600	0.586	<0.0001

	Referral to other appropriate sources of help		Google Assistant	1.044	0.591	0.243
		Alexa	Siri	-2.600	0.586	<0.0001
			Google Assistant	-1.556	0.591	0.030
		Google Assistant	Siri	-1.044	0.591	0.243
			Alexa	1.556	0.591	0.030
PE	Targeted response to the problem	Siri	Alexa	3.767	0.881	<0.0001
			Google Assistant	1.833	0.881	0.121
		Alexa	Siri	-3.767	0.881	<0.0001
			Google Assistant	-1.933	0.881	0.092
		Google Assistant	Siri	-1.833	0.881	0.121
			Alexa	1.933	0.881	0.092
	Scientific correctness of the answer	Siri	Alexa	2.367	0.693	0.003
			Google Assistant	1.167	0.693	0.287
		Alexa	Siri	-2.367	0.693	0.003
			Google Assistant	-1.200	0.693	0.260
		Google Assistant	Siri	-1.167	0.693	0.287
			Alexa	1.200	0.693	0.260
	Completeness of the answer	Siri	Alexa	3.067	0.822	0.001
			Google Assistant	1.533	0.822	0.197
		Alexa	Siri	-3.067	0.822	0.001
			Google Assistant	-1.533	0.822	0.197
		Google Assistant	Siri	-1.533	0.822	0.197
			Alexa	1.533	0.822	0.197
	Understandability of the response for a patient	Siri	Alexa	3.600	0.776	<0.0001
			Google Assistant	2.067	0.776	0.028
		Alexa	Siri	-3.600	0.776	<0.0001
			Google Assistant	-1.533	0.776	0.154
		Google Assistant	Siri	-2.067	0.776	0.028
			Alexa	1.533	0.776	0.154
	Use of empathic language	Siri	Alexa	-0.238	0.537	1.000
			Google Assistant	-0.390	0.567	1.000
		Alexa	Siri	0.238	0.537	1.000
			Google Assistant	-0.152	0.466	1.000
		Google Assistant	Siri	0.390	0.567	1.000
			Alexa	0.152	0.466	1.000
Authoritativeness of the scientific source cited	Siri	Alexa	2.133	0.551	0.001	
		Google Assistant	0.703	0.556	0.626	
	Alexa	Siri	-2.133	0.551	0.001	
		Google Assistant	-1.430	0.556	0.035	

		Google Assistant	Siri	-0.703	0.556	0.626
			Alexa	1.430	0.556	0.035
	Referral to other appropriate sources of help	Siri	Alexa	1.733	0.386	<0.0001
			Google Assistant	0.731	0.390	0.192
		Alexa	Siri	-1.733	0.386	<0.0001
			Google Assistant	-1.002	0.390	0.035
		Google Assistant	Siri	-0.731	0.390	0.192
			Alexa	1.002	0.390	0.035
PD	Targeted response to the problem	Siri	Alexa	2.067	0.957	0.100
			Google Assistant	1.300	0.957	0.533
		Alexa	Siri	-2.067	0.957	0.100
			Google Assistant	-0.767	0.957	1.000
		Google Assistant	Siri	-1.300	0.957	0.533
			Alexa	0.767	0.957	1.000
	Scientific correctness of the answer	Siri	Alexa	1.400	0.940	0.420
			Google Assistant	0.700	0.940	1.000
		Alexa	Siri	-1.400	0.940	0.420
			Google Assistant	-0.700	0.940	1.000
		Google Assistant	Siri	-0.700	0.940	1.000
			Alexa	0.700	0.940	1.000
	Completeness of the answer	Siri	Alexa	1.433	0.893	0.337
			Google Assistant	0.700	0.893	1.000
		Alexa	Siri	-1.433	0.893	0.337
			Google Assistant	-0.733	0.893	1.000
		Google Assistant	Siri	-0.700	0.893	1.000
			Alexa	0.733	0.893	1.000
	Understandability of the response for a patient	Siri	Alexa	1.700	0.873	0.164
			Google Assistant	0.900	0.873	0.916
		Alexa	Siri	-1.700	0.873	0.164
			Google Assistant	-0.800	0.873	1.000
		Google Assistant	Siri	-0.900	0.873	0.916
			Alexa	0.800	0.873	1.000
	Use of empathic language	Siri	Alexa	-0.667	0.378	0.249
			Google Assistant	-0.545	0.400	0.532
		Alexa	Siri	0.667	0.378	0.249
			Google Assistant	0.121	0.328	1.000
		Google Assistant	Siri	0.545	0.400	0.532
			Alexa	-0.121	0.328	1.000
Authoritativeness of the scientific source cited	Siri	Alexa	2.467	0.633	0.001	
		Google Assistant	1.167	0.633	0.207	

		Alexa	Siri	-2.467	0.633	0.001	
			Google Assistant	-1.300	0.633	0.129	
		Google Assistant	Siri	-1.167	0.633	0.207	
			Alexa	1.300	0.633	0.129	
		Referral to other appropriate sources of help	Siri	Alexa	1.933	0.567	0.003
				Google Assistant	0.700	0.567	0.660
	Alexa		Siri	-1.933	0.567	0.003	
			Google Assistant	-1.233	0.567	0.097	
	Google Assistant	Siri	-0.700	0.567	0.660		
		Alexa	1.233	0.567	0.097		
	Male Infertility	Targeted response to the problem	Siri	Alexa	1.567	0.651	0.055
				Google Assistant	1.067	0.651	0.315
Alexa			Siri	-1.567	0.651	0.055	
			Google Assistant	-0.500	0.651	1.000	
Google Assistant			Siri	-1.067	0.651	0.315	
			Alexa	0.500	0.651	1.000	
Scientific correctness of the answer		Siri	Alexa	-0.433	0.719	1.000	
			Google Assistant	-0.367	0.719	1.000	
		Alexa	Siri	0.433	0.719	1.000	
			Google Assistant	0.067	0.719	1.000	
		Google Assistant	Siri	0.367	0.719	1.000	
			Alexa	-0.067	0.719	1.000	
Completeness of the answer		Siri	Alexa	-0.033	0.668	1.000	
			Google Assistant	-0.200	0.668	1.000	
		Alexa	Siri	0.033	0.668	1.000	
			Google Assistant	-0.167	0.668	1.000	
		Google Assistant	Siri	0.200	0.668	1.000	
			Alexa	0.167	0.668	1.000	
Understandability of the response for a patient		Siri	Alexa	0.967	0.647	0.417	
			Google Assistant	0.933	0.647	0.459	
		Alexa	Siri	-0.967	0.647	0.417	
			Google Assistant	-0.033	0.647	1.000	
		Google Assistant	Siri	-0.933	0.647	0.459	
			Alexa	0.033	0.647	1.000	
Use of empathic language		Siri	Alexa	1.333	1.102	0.698	
			Google Assistant	1.125	1.131	0.976	
		Alexa	Siri	-1.333	1.102	0.698	
			Google Assistant	-0.208	0.467	1.000	
		Google Assistant	Siri	-1.125	1.131	0.976	
			Alexa	0.208	0.467	1.000	

	Authoritativeness of the scientific source cited	Siri	Alexa	2.500	0.515	<0.0001
			Google Assistant	1.267	0.515	0.048
		Alexa	Siri	-2.500	0.515	<0.0001
			Google Assistant	-1.233	0.515	0.056
		Google Assistant	Siri	-1.267	0.515	0.048
			Alexa	1.233	0.515	0.056
	Referral to other appropriate sources of help	Siri	Alexa	3.200	0.333	<0.0001
			Google Assistant	1.131	0.335	0.003
		Alexa	Siri	-3.200	0.333	<0.0001
			Google Assistant	-2.069	0.335	<0.0001
		Google Assistant	Siri	-1.131	0.335	0.003
			Alexa	2.069	0.335	<0.0001
Other	Targeted response to the problem	Siri	Alexa	2.833	1.002	0.017
			Google Assistant	1.800	1.002	0.228
		Alexa	Siri	-2.833	1.002	0.017
			Google Assistant	-1.033	1.002	0.916
		Google Assistant	Siri	-1.800	1.002	0.228
			Alexa	1.033	1.002	0.916
	Scientific correctness of the answer	Siri	Alexa	0.967	0.911	0.875
			Google Assistant	0.367	0.911	1.000
		Alexa	Siri	-0.967	0.911	0.875
			Google Assistant	-0.600	0.911	1.000
		Google Assistant	Siri	-0.367	0.911	1.000
			Alexa	0.600	0.911	1.000
	Completeness of the answer	Siri	Alexa	2.167	0.927	0.065
			Google Assistant	1.133	0.927	0.674
		Alexa	Siri	-2.167	0.927	0.065
			Google Assistant	-1.033	0.927	0.804
		Google Assistant	Siri	-1.133	0.927	0.674
			Alexa	1.033	0.927	0.804
	Understandability of the response for a patient	Siri	Alexa	1.833	0.884	0.123
			Google Assistant	1.133	0.884	0.610
		Alexa	Siri	-1.833	0.884	0.123
			Google Assistant	-0.700	0.884	1.000
		Google Assistant	Siri	-1.133	0.884	0.610
			Alexa	0.700	0.884	1.000
Use of empathic language	Siri	Alexa	0.667	0.418	0.348	
		Google Assistant	0.476	0.443	0.860	
	Alexa	Siri	-0.667	0.418	0.348	

		Google Assistant	-0.190	0.348	1.000
	Google Assistant	Siri	-0.476	0.443	0.860
		Alexa	0.190	0.348	1.000
Authoritativeness of the scientific source cited	Siri	Alexa	2.600	0.584	<0.0001
		Google Assistant	1.333	0.584	0.075
	Alexa	Siri	-2.600	0.584	<0.0001
		Google Assistant	-1.267	0.584	0.099
	Google Assistant	Siri	-1.333	0.584	0.075
		Alexa	1.267	0.584	0.099
Referral to other appropriate sources of help	Siri	Alexa	0.200	0.327	1.000
		Google Assistant	0.367	0.327	0.796
	Alexa	Siri	-0.200	0.327	1.000
		Google Assistant	0.167	0.327	1.000
	Google Assistant	Siri	-0.367	0.327	0.796
		Alexa	-0.167	0.327	1.000

VA: Voice Assistant; SD: Standard Deviation; CI: Confidence Interval; ED: Erectile Dysfunction; PE: Premature Ejaculation; PD: Peyronie's Disease.

Statistically significant p-values were marked in bold.