Multimedia Appendix 9 – Kappa Reliability Scores of Credibility Checklist and Privacy Explanation Checklist Items

	Owner's Credibility	Maintenance	Strong Advisory Support	Evidence for Successful Implementation	
Total (n=84)					
Карра	.90	_ ^a	.82	1.00	
(95% CI)	(.81-1.00)	-	(.7094)	(1.00-1.00)	
Mobile (n=42)					
Kappa	.87	.95	.79	1.00	
(95% CI)	(.69-1.05)	(.85-1.00)	(.58-1.00)	(1.00-1.00)	
Website (n=42)					
Карра	.90	_ ^a	.81	1.00	
(95% CI)	(.76-1.03)	-	(.6596)	(1.00-1.00)	
Mental Health (n=42)					
Kappa	.81	1.00 ^b	.82	1.00	
(95% CI)	(.6399)	(1.00-1.00)	(.6797)	(1.00-1.00)	
Healthy Behaviors (n=42)		· · ·			
Kappa	1.00	.90 ^b	.76	1.00	
(95% CI)	(1.00-1.00)	(.71-1.00)	(.51-1.00)	(1.00-1.00)	

Inter-raters Agreement (Kappa) on Categorical Items that Assemble the Credibility Checklist

notes: Third Party Endorsement was not calculated since none of the programs was endorsed - reliability calculations are not applicable on constant measures.

^a Maintenance was not evaluated for web-based programs and therefore reliability scores appear for mobile applications and separately by clinical aim. ^b Based on n=21 examined mobile applications.

The system informs informs users of the data detail to of data explicitly outifies how personal identifiers will be of data exposure.The system explicitly notifies how personal identifiers may be used before data is collected.The system through the through the terms of users terms of usersWhen not apparent users to users to the system the s	inter-raters Agreement (Kappa) on Categorical items that Assemble the Privacy Explanation Checklist										
Kappa.95.98.95.701.001.00.97(95% CI)(.88-1.00)(.93-1.00)(.89-1.00)(.4695)(1.00-1.00)(1.00-1.00)(.90-1.00)Mobile (n=42)Kappa.911.00.85.641.001.001.00(95% CI)(.73-1.00)(1.00-1.00)(.64-1.00)(1.01-1.00)(1.00-1.00)(1.00-1.00)Website (n=42)Kappa.95.941.00.731.00- a.95(95% CI)(.84+1.00)(.82-1.00)(1.00-1.00)(.44-1.00)(1.00-1.00)-(0.85-1.00)Mental Health (n=42)Kappa.951.00.90.691.001.001.00(95% CI)(.84+1.00)(1.00-1.00)(.77-1.00)(.4197)(1.00-1.00)(1.00-1.00)Health behavior (n=42)		informs users of the data journey in detail to understand all sources of data	explicitly notifies how personal health information and/or personal identifiers will be kept confidential unless clear permission was	explicitly notifies how personal information and/or personal identifiers may be used before data is	tunnels users through the terms of use	allows users to keep identifiers	apparent the system lets users know when they go	warns the users from providing private information and asks permission to provide such information			
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Healthy Behaviors (n=42)	Kappa	.95	1.00	.90	.69	1.00	1.00	1.00			
	(95% CI)	(.84-1.00)	(1.00-1.00)	(.77-1.00)	(.4197)	(1.00-1.00)	(1.00-1.00)	(1.00-1.00)			
	Healthy Behaviors (n=42)										
1.00 1.0094	Kappa	.95	.95	1.00	.66	1.00	_ ^a	.94			
(95% CI) (.85-1.00) (.86-1.00) (1.00-1.00) (.03-1.00) (1.00-1.00) - (.83-1.00)	(95% CI)	(.85-1.00)	(.86-1.00)	(1.00-1.00)	(.03-1.00)	(1.00-1.00)	-	(.83-1.00)			

Inter-raters Agreement (Kappa) on Categorical Items that Assemble the Privacy Explanation Checklist

notes: ^a In these cases 100% agreement was noted, but Kappa was not calculated since all of these programs met criteria (constant result).

Interpretation

Based on criteria established by Landis and Koch (1977) the strength of agreement between raters

was mostly at the outstanding agreement range (Kappa >.80; 44/51 ratings, 86.3%) with the minority of

scores being at the substantial agreement range (.60 < Kappa < .80; 7/51 ratings, 13.7%).

Reference

Landis, J. R., & Koch, G. G. (1977). The measurement of observer agreement for categorical data. *biometrics*, 159-174.