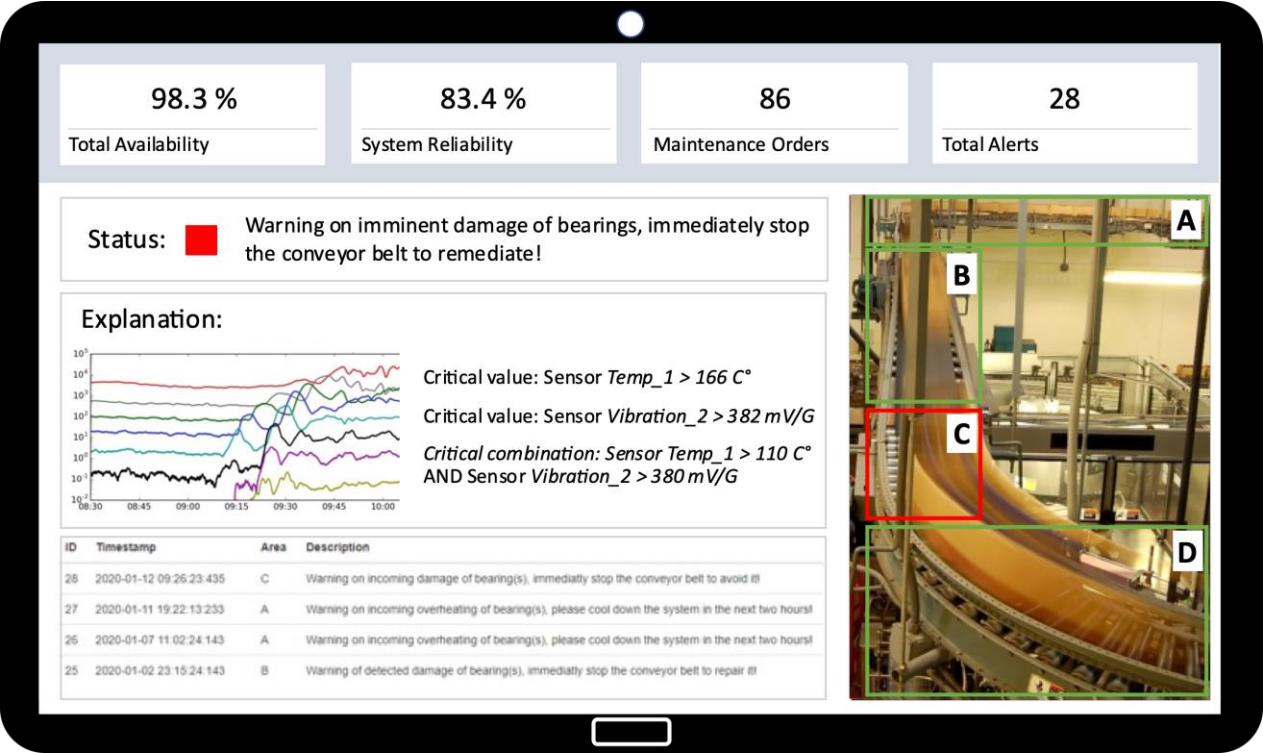


Appendix A: Dashboard Design



Appendix B: Measurement Item Collection Procedure

Construct		Measurement Item	Abbrev.	Primary Source	Secondary Source	Sequential Reduction				
						1	2	3	4	5
Performance Expectancy (PE)	Perceived Usefulness	Using the system in my job would enable me to accomplish tasks more quickly.	PE1	Davis (1989)	Venkatesh et al. (2003)	•	•	•	•	•
		Using the system would improve my job performance.	PE2			•	•	•	•	•
		Using the system would enhance my effectiveness on the job.	-			•	•	•		
		Using the system would make it easier to do my job.	PE3			•	•	•	•	•
		I would find the system useful in my job.	PE4			•	•	•	•	•
	Job-fit	Use of the system will have no effect on the performance of my job (reverse scored).	-	Venkatesh et al. (2003)	Thompson et al. (1991)	•				
		Use of the system can decrease the time needed for my important job responsibilities.				•				
		Use of the system can significantly increase the quality of output on my job.				•	•	•		
		Using this system can significantly increase the quantity of output for the same amount of effort in my job				•	•	•		
		Use of the system can increase the effectiveness of performing job tasks.				•				
		Use can increase the quantity of output for the same amount of effort.				•	•	•		
		Considering all tasks. the general extent to which use of the system could assist on the job.				•	•	•		
	Relative Advantage	Using the system enables me to accomplish tasks more quickly.	-	Moore and Benbasat (1991)	Venkatesh et al. (2003)	•	•			
		Using the system improves the quality of the work I do.				•	•	•		
		Using the system makes it easier to do my job.				•				
		Using the system enhances my effectiveness on the job.				•				
		Using the system in my job would increase my productivity.	PE5			•	•	•	•	•
	Outcome Expectations - Performance	If I use the system, I will increase my effectiveness on the job.	-	Venkatesh et al. (2003)	Compeau and Higgins (1995)	•				
		If I use the system, I will spend less time on routine job tasks.				•	•	•		
		If I use the system, I will increase the quality of output of my job.				•				
		If I use the system, I will increase the quantity of output for the same amount of effort.				•	•	•		
		If I use the system, my coworkers will perceive me as competent.				•	•	•		
		If I use the system, I will increase my chances of obtaining a promotion.				•	•	•		
		If I use the system, I will increase my chances of getting a raise.				•	•	•		

Effort Expectancy (EE)	Perceived Ease of Use	Learning to operate the system would be easy for me.	EE1	Venkatesh et al. (2003)	Davis (1989)	.	.	.	.	.	.
		I would find it easy to get the system to do what I want it to do.	EE2			.	.	.	.	.	.
		My interaction with the system would be clear and understandable.	EE3			.	.	.	.	.	.
		I would find the system easy to use.	EE4			.	.	.	.	.	.
		I would find the system to be flexible to interact with.	-			.	.	.	.	.	.
		It would be easy for me to become skillful at using the system.	-			.	.	.	.	.	.
	Complexity	Using the system takes too much time from my normal duties.	-	Venkatesh et al. (2003)	Thompson et al. (1991)	.	.	.	.	.	.
		Working with the system is so complicated. it is difficult to understand what is going on.				.	.	.	.	.	.
		Using the system involves too much time doing mechanical operations (e.g., data input).				.	.	.	.	.	.
		It takes too long to learn how to use the system to make it worth the effort.				.	.	.	.	.	.
	Ease of Use	My interaction with the system is clear and understandable.	-	Venkatesh et al. (2003)	Moore and Benbasat (1991)	.	.	.	.	.	.
		I believe that it is easy to get the system to do what I want it to do.				.	.	.	.	.	.
		Overall, I believe that the system is easy to use.				.	.	.	.	.	.
		Learning to operate the system is easy for me.				.	.	.	.	.	.
Attitude Towards AI Technology (ATT)	Intrinsic Motivation	I find using the system to be enjoyable	-	Davis et al. (1992)	-	.	.	.	.	.	.
		The actual process of using the system would be pleasant.	ATT1		Venkatesh et al. (2003)	.	.	.	.	.	.
		I have fun using the system.	-		-	.	.	.	.	.	.
	Affect Toward Use	This system would make work more interesting.	ATT2	(Thompson et al., 1991)	Venkatesh et al. (2003)	.	.	.	.	.	.
		Working with the system is fun.	-	Venkatesh et al. (2003)	-	.	.	.	.	.	.
		The system is okay for some jobs. but not the kind of job I want. (R)		(Thompson et al., 1991)		.	.	.	.	.	.
	Affect	I would like to work with the system.	ATT3	Compeau et al. (1999)	Venkatesh et al. (2003)	.	.	.	.	.	.
		I look forward to those aspects of my job that require me to use the system.	-			.	.	.	.	.	.
		Using the system is frustrating for me. (R)				.	.	.	.	.	.
		Once I start working on the system. I find it hard to stop.				.	.	.	.	.	.
	Attitude Toward Behavior	Using the system would be a good idea	ATT4	(Peters et al., 2020); Taylor and Todd (1995)	Venkatesh et al. (2003)	.	.	.	.	.	.
		I dislike/like the idea of using the system.	-			.	.	.	.	.	.
		Using the system would be wise move.	ATT5			.	.	.	.	.	.
		Using the system is unpleasant/pleasant.	-			.	.	.	.	.	.
Behavioral Intention (BI)	If this system was available to me, I would intend to use this system in the next months.	BI1	Venkatesh et al. (2003)	-	.	.	.	.	.	.	
	If this system was available to me, I predict I would use this system in the next months.	BI2			.	.	.	.	.	.	

		If this system was available to me, I would plan to use this system in the next months.	BI3			.	.	.	.	.
System Transparency (ST)		I know what will happen the next time I use the system because I understand how it behaves.	-	Madsen and Gregor (2000)	-	.	.	.		
		I would understand how this system will assist me with decisions I have to make.	ST1			.	.	.	.	.
		Although I may not know exactly how the system works. I know how to use it to make decisions about the problem.	-			.	.	.		
		It is easy to follow what the system does.				.	.	.		
		I recognize what I should do to get the advice I need from the system the next time I use it.				.	.	.		
		I would understand why this system provided the decision it did.	ST2	Cramer et al. (2008)		.	.	.	.	.
		I would understand what this system bases its provided decision on.	ST3			.	.	.		.
Ability Beliefs (AB)		This system would be competent in providing maintenance decision support.	AB1	McKnight et al. (2002)	Cheng et al. (2008)	.	.	.	.	.
		This system would perform maintenance decision support very well.	AB2			.	.	.	.	.
		In general, this system would be proficient providing maintenance decision support.	AB3			.	.	.	.	.
Trust Propensity Towards AI (TP)		It would be easy for me to trust this system.	TP1	Lee and Turban (2001)	Cheng et al. (2008); Wang and Benbasat (2007)	.	.	.	.	.
		My tendency to trust this system would be high.	TP2			.	.	.	.	.
		I would tend to trust this system, even though I have little or no knowledge of it.	TP3			.	.	.	.	.
		Trusting this system would be difficult for me.	TP4			Wang and Benbasat (2007)	.	.	.	.
Facilitating Conditions (FC)	Perceived Behavioral Control	I have control over using the system.	-	(Taylor & Todd, 1995)	Venkatesh et al. (2003)	.				
		I have the resources necessary to use the system.	-			.	.	.		
		I have the knowledge necessary to use the system.	-			.	.	.		
		Given the resources, opportunities and knowledge it takes to use the system, it would be easy for me to use the system.	-			.	.			
		The system is not compatible with other systems I use.	-			.	.	.		
	Facilitating Conditions	Guidance was available to me in the selection of the system.	-	(Thompson et al., 1991)	Venkatesh et al. (2003)	.				
		Specialized instruction concerning the system was available to me.	-			.	.	.		
		A specific person (or group) is available for assistance with system difficulties.	-			.	.	.		
	Compatibility	Using the system is compatible with all aspects of my work.	-	(Moore & Benbasat, 1991)	Venkatesh et al. (2003)	.	.	.		
		I think that using the system fits well with the way I like to work.	-			.	.			
		Using the system fits into my work style.	-			.				
	Subjective Norm	People who influence my behavior think that I should use the system.	-	(Davis, 1989; Fishbein & Ajzen,	Venkatesh et al. (2003)	.	.			
		People who are important to me think that I should use the system.	-			.	.			

Social Influence (SI)				1977; Taylor & Todd, 1995)						
	Social Factors	I use the system because of the proportion of coworkers who use the system.	-	(Thompson et al., 1991)	Venkatesh et al. (2003)	•				
		The senior management of this business has been helpful in the use of the system.	-			•				
		My supervisor is very supportive of the use of the system for my job.	-			•				
		In general, the organization has supported the use of the system.	-			•	•			
	Image	People in my organization who use the system have more prestige than those who do not.	-	(Moore & Benbasat, 1991)	Venkatesh et al. (2003)	•				
		People in my organization who use the system have a high profile.	-			•				
		Having the system is a status symbol in my organization.	-			•				

Legend: Sequential reduction of the item collection to fit the defined use case: 1) preliminary work, 2) authors' internal discussion, 3) expert survey, 4) pre-study, 5) main study.

Appendix C: Validation and Reliability Testing Results Pre-Study

Crossloadings							
Factors	ATT	BI	EE	PE	ST	AB	TP
ATT1	0.819	0.436	0.521	0.518	0.180	0.658	0.580
ATT2	0.581	0.107	0.285	0.268	0.021	0.345	0.179
ATT3	0.872	0.269	0.622	0.482	0.110	0.565	0.453
BI1	0.498	0.859	0.500	0.536	0.325	0.458	0.589
BI2	0.190	0.911	0.250	0.321	0.343	0.264	0.318
BI3	0.229	0.800	0.276	0.330	0.361	0.315	0.275
EE2	0.476	0.208	0.773	0.313	0.002	0.480	0.495
EE3	0.366	0.331	0.758	0.177	0.214	0.285	0.198
EE4	0.686	0.437	0.891	0.452	0.203	0.520	0.449
PE1	0.327	0.443	0.207	0.746	0.396	0.398	0.371
PE2	0.461	0.497	0.281	0.846	0.228	0.432	0.429
PE3	0.509	0.300	0.342	0.776	0.129	0.454	0.347
PE4	0.483	0.219	0.386	0.739	0.132	0.342	0.255
PE5	0.530	0.437	0.376	0.881	0.305	0.404	0.348
ST1	0.188	0.225	0.263	0.211	0.842	0.269	0.268
ST2	0.091	0.445	0.235	0.309	0.890	0.239	0.105
AB1	0.677	0.421	0.524	0.522	0.241	0.918	0.731
AB3	0.521	0.215	0.328	0.338	0.222	0.799	0.558
AB3	0.520	0.399	0.463	0.356	0.260	0.707	0.419
TP1	0.637	0.410	0.503	0.405	0.191	0.751	0.929
TP2	0.507	0.436	0.475	0.440	0.103	0.632	0.906
TP3	0.213	0.412	0.335	0.254	0.267	0.339	0.584
TP4	0.014	-0.180	0.055	0.083	-0.093	-0.107	-0.450
Fornell-Larcker Criterion							
Factors	ATT	BI	EE	PE	ST	AB	TP
ATT	0.768	-	-	-	-	-	-
BI	0.391	0.858	-	-	-	-	-
EE	0.650	0.427	0.757	-	-	-	-
PE	0.576	0.486	0.393	0.799	-	-	-
ST	0.156	0.397	0.285	0.305	0.866	-	-
AB	0.710	0.423	0.540	0.509	0.291	0.813	-
TP	0.575	0.495	0.526	0.443	0.207	0.720	0.746

Appendix D: Decisions on Measurement Items after Pre-Study

We conclude that the items for *EE* are well chosen, as these have been tested and verified in many studies based on the UTAUT model. In addition, *EE* does not fail any other criteria except indicator reliability (EE1). Thus, we retain all measurement items for *EE*. We conclude that items for *ST* are, in principle, well chosen. However, we conclude that an additional measurement item for *ST* must be added as it lacks internal consistency ($CA < 0.7$). Hence, we extend our items by ST3, which is derived from Cramer et al. (2008). Item loadings for TP3 (0.58) and TP4 (-0.45) are below the threshold of 0.7. TP4 seems to be particularly problematic, as the reverse wording suggested by Cheng et al. (2008) as well as Wang and Benbasat (2007) causes convergence reliability issues. Removing TP4 leads to a higher CA (0.75), AVE (0.68), and CR (0.86). Since using reversed wording is not advised (Van Sonderen et al., 2013; Zhang et al., 2016), we decide to drop TP4. We decided to follow Lee and Turban (2001) and use the original wording in line with the other items for the main study (TP1-3). We decide to retain TP3 in the main study, as the loading is satisfactory and the construct itself is reliable if TP4 is dropped. As ATT2 performs subpar in terms of item loading, we decided to add additional items. Additionally, ATT has a low value for CA, indicating low internal consistency. Thus, we added ATT4 and ATT5 following Taylor and Todd (1995). It was recently used in a similar context by (Peters et al., 2020).

Appendix E: Demographics of Pre-Study

Characteristics	Attributes	Value		Characteristics	Attributes	Value	
		Freq.	Percent.			Freq.	Percent.
Gender	Male	49	81.67	Experience with intelligent systems in industrial maintenance (EXP2)	None	7	11.67
	Female	9	15.00		<1 year	22	36.67
	Others	2	3.33		1-3 years	15	25.00
Age	<=20	0	0.00		3-5 years	16	26.67
	21-30	7	11.67		5-10 years	0	0.00
	31-40	11	18.33		>10 years	0	0.00
	41-50	10	16.67	Experience with AI (EXP3)	None	0	0.00
	51-60	26	43.33		<1 year	2	3.33
	>61	6	0.10		1-3 years	17	28.33
Experience in industrial maintenance (EXP1)	None	0	0.00		3-5 years	22	36.67
	<1 year	19	26.67		5-10 years	15	25.00
	1-3 years	9	15.00		>10 years	4	6.67
	3-5 years	8	13.33	Note: Gender, Age, EXP1, EXP2, and EXP3 were used as interaction moderation.			
	5-10 years	4	6.67				
	>10 years	19	26.67				

Appendix F: Validation and Reliability Testing Results for Main Study

Fornell-Larcker Criterion Main Study

<i>Factors</i>	AGE	AGE-EE	AGE-PE	ATT	BI	EE	EX1-EE	EX1-PE	EXP2-EE	EXP3-PE	EXP3-EE	EXP3-PE	EPX1	EXP2	EXP3	GEN	GEN-EE	GEN-PE	PE	ST	AB	TP
<i>Age</i>	1.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>AGE-EE</i>	0.030	1.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>AGE-PE</i>	-0.003	0.515	1.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>ATT</i>	-0.026	-0.053	-0.008	0.841	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>BI</i>	0.075	-0.056	-0.084	0.634	0.951	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>EE</i>	0.024	-0.283	-0.071	0.573	0.434	0.835	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>EXP1-EE</i>	-0.019	-0.038	-0.022	0.056	0.086	0.053	1.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>EXP1-PE</i>	0.073	-0.026	-0.066	0.076	0.039	0.019	0.630	1.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>EXP2-EE</i>	0.098	0.043	-0.019	0.127	0.082	0.036	0.604	0.387	1.000	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>EXP3-PE</i>	0.040	-0.056	0.004	0.110	0.065	0.037	0.353	0.561	0.321	1.000	-	-	-	-	-	-	-	-	-	-	-	-
<i>Exp3-EE</i>	-0.078	0.039	-0.053	0.027	0.000	0.005	0.546	0.347	0.506	0.520	1.000	-	-	-	-	-	-	-	-	-	-	-
<i>Exp3-PE</i>	0.144	-0.024	-0.066	0.039	-0.009	0.007	0.456	0.713	0.664	0.528	0.370	1.000	-	-	-	-	-	-	-	-	-	-
<i>EXP1</i>	0.023	-0.022	0.083	0.120	0.134	0.252	0.382	0.226	0.286	0.129	0.261	0.077	1.000	-	-	-	-	-	-	-	-	-
<i>EXP2</i>	0.079	0.121	0.149	0.097	0.059	0.216	0.303	0.071	0.235	0.001	0.168	0.107	0.571	1.000	-	-	-	-	-	-	-	-
<i>EXP3</i>	0.033	-0.097	0.048	0.082	0.143	0.158	0.279	0.138	0.170	0.047	0.049	0.001	0.536	0.429	1.000	-	-	-	-	-	-	-
<i>GEN</i>	-0.028	-0.070	0.048	0.027	-0.025	0.031	-0.018	0.020	-0.113	0.056	-0.047	-0.075	0.042	0.117	0.077	1.000	-	-	-	-	-	-
<i>GEN-EE</i>	-0.052	-0.126	-0.163	-0.139	-0.146	-0.227	0.066	0.067	0.163	0.153	0.244	0.124	-0.016	-0.106	-0.044	-0.023	1.000	-	-	-	-	-
<i>GEN-PE</i>	0.038	-0.170	-0.175	-0.153	-0.156	-0.176	0.061	0.139	0.101	0.090	0.148	0.185	0.017	-0.061	0.052	-0.040	0.633	1.000	-	-	-	-
<i>PE</i>	0.010	-0.073	-0.054	0.720	0.616	0.596	0.018	0.004	0.006	0.038	0.036	-0.127	0.202	0.139	0.105	0.053	-0.174	-0.191	0.860	-	-	-
<i>ST</i>	-0.024	-0.089	0.075	0.559	0.472	0.539	0.088	0.048	0.033	0.117	0.073	-0.016	0.170	0.105	0.040	-0.015	-0.098	-0.149	0.505	0.892	-	-
<i>AB</i>	0.025	-0.013	0.118	0.687	0.552	0.531	0.000	-0.027	-0.018	0.132	0.026	-0.078	0.115	0.093	0.105	-0.007	-0.173	-0.144	0.594	0.610	0.905	-
<i>TP</i>	-0.007	-0.040	-0.060	0.600	0.444	0.462	0.111	0.071	0.069	0.148	0.121	0.010	0.045	0.084	0.069	-0.005	-0.065	-0.131	0.528	0.411	0.656	0.877

Crossloadings Main Study

<i>Factors</i>	AGE	AGE-EE	AGE-PE	ATT	BI	EE	EXP1-EE	EXP1-PE	EXP2-EE	EXP3-PE	EXP3-EE	EXP3-PE	EXP1	EXP2	EXP3	GEN	GEN-EE	GEN-PE	PE	ST	AB	TP
<i>AGE</i>	1.000	0.030	-0.003	-0.026	0.075	0.024	-0.019	0.073	0.098	0.040	-0.078	0.144	0.023	0.079	0.033	-0.028	-0.052	0.038	0.010	-0.024	0.025	-0.007
<i>ATT1</i>	-0.125	-0.093	0.038	0.764	0.460	0.566	0.021	-0.021	0.053	0.029	-0.008	0.007	0.142	0.129	0.045	-0.047	-0.066	-0.148	0.510	0.454	0.530	0.372
<i>ATT3</i>	-0.038	-0.107	-0.017	0.856	0.557	0.490	0.116	0.137	0.146	0.166	0.088	0.080	0.132	0.166	0.055	-0.010	-0.068	-0.110	0.643	0.521	0.551	0.495
<i>ATT4</i>	0.091	-0.015	-0.025	0.881	0.557	0.462	0.016	0.074	0.126	0.078	0.009	0.026	0.089	0.028	0.110	0.059	-0.160	-0.124	0.646	0.463	0.650	0.603
<i>ATT5</i>	-0.036	0.030	-0.015	0.861	0.554	0.430	0.032	0.053	0.095	0.087	-0.004	0.015	0.047	0.012	0.063	0.079	-0.166	-0.137	0.613	0.445	0.576	0.531
<i>BI1</i>	0.026	-0.011	-0.085	0.610	0.953	0.421	0.028	-0.008	0.059	0.029	0.009	-0.047	0.132	0.056	0.120	-0.038	-0.141	-0.163	0.591	0.428	0.506	0.416
<i>BI2</i>	0.155	-0.077	-0.063	0.606	0.931	0.424	0.121	0.069	0.091	0.060	-0.030	0.017	0.141	0.079	0.142	-0.027	-0.130	-0.118	0.595	0.442	0.540	0.421
<i>BI3</i>	0.032	-0.072	-0.092	0.593	0.968	0.393	0.094	0.048	0.084	0.095	0.022	0.003	0.108	0.034	0.146	-0.008	-0.147	-0.166	0.572	0.477	0.527	0.429
<i>EE1</i>	0.017	-0.279	-0.053	0.373	0.273	0.814	0.060	-0.043	0.019	-0.022	-0.047	-0.038	0.212	0.190	0.182	0.067	-0.180	-0.186	0.423	0.339	0.291	0.279
<i>EE2</i>	0.001	-0.167	0.006	0.381	0.232	0.724	0.099	0.088	0.080	0.059	0.035	0.093	0.236	0.262	0.153	0.058	-0.135	-0.054	0.346	0.449	0.450	0.415
<i>EE3</i>	-0.042	-0.221	-0.109	0.582	0.466	0.893	0.026	0.013	0.012	0.062	0.050	-0.020	0.186	0.142	0.084	0.015	-0.271	-0.195	0.619	0.520	0.529	0.457
<i>EE4</i>	0.107	-0.284	-0.061	0.528	0.422	0.898	0.013	0.005	0.020	0.013	-0.035	-0.001	0.224	0.161	0.140	-0.013	-0.154	-0.142	0.546	0.466	0.465	0.372
<i>PE1</i>	-0.034	-0.106	0.002	0.514	0.447	0.518	-0.021	-0.009	0.008	0.028	0.075	-0.100	0.224	0.121	0.072	-0.020	-0.097	-0.127	0.838	0.421	0.449	0.361
<i>PE2</i>	0.012	-0.028	-0.048	0.661	0.505	0.459	0.075	0.061	0.068	0.063	0.056	-0.058	0.162	0.195	0.131	0.161	-0.160	-0.168	0.855	0.452	0.536	0.476
<i>PE3</i>	-0.020	-0.072	-0.048	0.659	0.545	0.577	0.009	0.002	-0.034	0.032	0.059	-0.141	0.181	0.109	0.082	-0.041	-0.164	-0.137	0.895	0.449	0.544	0.473
<i>PE4</i>	0.058	-0.019	-0.071	0.647	0.608	0.545	0.034	-0.002	0.025	0.021	-0.025	-0.104	0.144	0.087	0.060	0.025	-0.131	-0.125	0.853	0.404	0.509	0.484
<i>PE5</i>	0.018	-0.098	-0.060	0.595	0.529	0.460	-0.026	-0.039	-0.043	0.019	-0.001	-0.143	0.168	0.086	0.104	0.095	-0.188	-0.263	0.858	0.446	0.508	0.463
<i>ST1</i>	-0.032	-0.027	0.045	0.531	0.481	0.476	0.034	-0.023	0.008	0.089	0.062	-0.063	0.096	0.015	0.018	-0.060	-0.132	-0.176	0.469	0.854	0.600	0.400
<i>ST2</i>	-0.023	-0.076	0.111	0.472	0.401	0.470	0.040	-0.004	0.013	0.075	0.025	-0.044	0.159	0.143	0.045	0.012	-0.105	-0.173	0.430	0.920	0.524	0.335
<i>ST3</i>	-0.008	-0.140	0.046	0.486	0.373	0.496	0.166	0.162	0.070	0.150	0.109	0.070	0.206	0.132	0.046	0.014	-0.020	-0.044	0.448	0.902	0.501	0.358
<i>AB1</i>	-0.024	0.057	0.154	0.565	0.463	0.404	-0.029	-0.062	-0.076	0.097	-0.013	-0.167	0.104	0.093	0.096	0.038	-0.153	-0.169	0.507	0.554	0.899	0.537
<i>AB2</i>	0.055	-0.060	0.052	0.653	0.514	0.573	-0.007	-0.077	0.019	0.053	0.008	-0.047	0.124	0.132	0.111	-0.017	-0.157	-0.115	0.563	0.518	0.888	0.588
<i>AB3</i>	0.035	-0.028	0.115	0.643	0.519	0.466	0.031	0.056	0.004	0.200	0.070	-0.007	0.086	0.034	0.079	-0.037	-0.159	-0.111	0.543	0.582	0.926	0.649
<i>TP1</i>	-0.051	0.009	-0.031	0.596	0.449	0.456	0.097	0.093	0.083	0.144	0.139	0.038	0.057	0.081	0.067	0.006	-0.074	-0.157	0.519	0.419	0.628	0.937
<i>TP2</i>	-0.006	-0.065	-0.049	0.566	0.402	0.446	0.113	0.112	0.110	0.197	0.147	0.085	0.039	0.047	0.050	-0.015	-0.065	-0.121	0.497	0.397	0.606	0.935
<i>TP3</i>	0.060	-0.058	-0.091	0.393	0.300	0.291	0.080	-0.046	-0.036	0.022	0.006	-0.135	0.017	0.102	0.066	-0.005	-0.024	-0.051	0.355	0.240	0.477	0.744
<i>AGE * EE</i>	0.030	1.000	0.515	-0.053	-0.056	-0.283	-0.038	-0.026	0.043	-0.056	0.039	-0.024	-0.022	0.121	-0.097	-0.070	-0.126	-0.170	-0.073	-0.089	-0.013	-0.040

<i>EE * EXP1</i>	-0.019	-0.038	-0.022	0.056	0.086	0.053	1.000	0.630	0.604	0.353	0.546	0.456	0.382	0.303	0.279	-0.018	0.066	0.061	0.018	0.088	0.000	0.111
<i>EE * EXP2</i>	0.098	0.043	-0.019	0.127	0.082	0.036	0.604	0.387	1.000	0.321	0.506	0.664	0.286	0.235	0.170	-0.113	0.163	0.101	0.006	0.033	-0.018	0.069
<i>EE * EXP3</i>	-0.078	0.039	-0.053	0.027	0.000	0.005	0.546	0.347	0.506	0.520	1.000	0.370	0.261	0.168	0.049	-0.047	0.244	0.148	0.036	0.073	0.026	0.121
<i>EE * GEN</i>	-0.052	-0.126	-0.163	-0.139	-0.146	-0.227	0.066	0.067	0.163	0.153	0.244	0.124	-0.016	-0.106	-0.044	-0.023	1.000	0.633	-0.174	-0.098	-0.173	-0.065
<i>PE- * AGE</i>	-0.003	0.515	1.000	-0.008	-0.084	-0.071	-0.022	-0.066	-0.019	0.004	-0.053	-0.066	0.083	0.149	0.048	0.048	-0.163	-0.175	-0.054	0.075	0.118	-0.060
<i>PE- * EXP1</i>	0.073	-0.026	-0.066	0.076	0.039	0.019	0.630	1.000	0.387	0.561	0.347	0.713	0.226	0.071	0.138	0.020	0.067	0.139	0.004	0.048	-0.027	0.071
<i>PE- * EXP2</i>	0.144	-0.024	-0.066	0.039	-0.009	0.007	0.456	0.713	0.664	0.528	0.370	1.000	0.077	0.107	0.001	-0.075	0.124	0.185	-0.127	-0.016	-0.078	0.010
<i>PE- * EXP3</i>	0.040	-0.056	0.004	0.110	0.065	0.037	0.353	0.561	0.321	1.000	0.520	0.528	0.129	0.001	0.047	0.056	0.153	0.090	0.038	0.117	0.132	0.148
<i>PE- * GEN</i>	0.038	-0.170	-0.175	-0.153	-0.156	-0.176	0.061	0.139	0.101	0.090	0.148	0.185	0.017	-0.061	0.052	-0.040	0.633	1.000	-0.191	-0.149	-0.144	-0.131

Appendix G: Variance Inflation Factor Values for Main Study

Inner Variance Inflation Factor Values																						
	AGE	AGE_EE	AGE_PE	ATT	BI	EE	EX1_EE	EX1_PE	EXP2_EE	EXP3_PE	EXP3_EE	EXP3_PE	EXP1	EXP2	EXP3	GEN	GEN_EE	GEN_PE	PE	ST	AB	TP
AGE	-	-	-	-	1.086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AGE_EE	-	-	-	-	1.774	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AGE_PE	-	-	-	-	1.529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ATT	-	-	-	-	2.907	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EE	-	-	-	1.625	2.325	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EX1_EE	-	-	-	-	3.485	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EX1_PE	-	-	-	-	4.606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXP2_EE	-	-	-	-	3.763	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXP3_PE	-	-	-	-	2.117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXP3_EE	-	-	-	-	2.208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXP3_PE	-	-	-	-	5.245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXP1	-	-	-	-	2.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXP2	-	-	-	-	1.910	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXP3	-	-	-	-	1.623	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEN	-	-	-	-	1.086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEN_EE	-	-	-	-	1.924	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEN_PE	-	-	-	-	1.859	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PE	-	-	-	1.774	2.668	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST	-	-	-	-	1.747	1.000	-	-	-	-	-	-	-	-	-	-	-	-	1.203	-	1.000	1.594
AB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.594
TP	-	-	-	1.455	1.778	-	-	-	-	-	-	-	-	-	-	-	-	-	1.203	-	-	-
Outer Variance Inflation Factor Values																						
VIF	AGE	ATT1	ATT3	ATT4	ATT5	BI1	BI2	BI3	EE1	EE2	EE3	EE4	EXP1	EXP2	EXP3	GEN	PE1	PE2	PE3	PE4		
	1.000	1.750	2.192	2.814	2.674	6.357	3.598	7.907	2.396	1.514	2.385	3.116	1.000	1.000	1.000	1.000	2.624	2.576	3.707	2.781		
	PE5	ST1	ST2	ST3	AB1	AB2	AB3	TP1	TP2	TP3	AGE_EE	EE_EXP1	EE_EXP2	EE_EXP3	EE_GEN	PE_AGE	PE_EXP1	PE_EXP2	PE_EXP3	PE_GEN		
	2.719	1.775	3.599	3.262	2.625	2.354	2.968	4.150	4.152	1.444	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		

Appendix H: Distribution of Factors of Main Study

Median and Standard Derivation of Factors

Factor	Median	SD
BI1	6.00	1.08
BI2	6.00	1.03
BI3	6.00	1.11
ST1	6.00	0.97
ST2	6.00	1.18
ST3	6.00	1.12
AB1	6.00	0.86
AB2	6.00	0.95
AB3	6.00	0.94
TP1	5.00	1.09
TP2	5.00	1.12
TP3	5.00	1.18
TP4	2.50	1.29
EE1	6.00	1.08
EE2	5.00	1.14
EE3	6.00	0.96
EE4	6.00	1.03
PE1	6.00	1.25
PE2	6.00	1.07
PE3	6.00	1.09
PE4	6.00	1.06
PE5	6.00	1.05
ATT1	5.00	1.06
ATT2	5.00	1.18
ATT3	6.00	0.99
ATT4	6.00	0.82
ATT5	6.00	0.86

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