Influencing Factors on Internal Audit Maturity Using PLS-PM

Johnny, Ricardo and Pa 2024-01-05

System Information

Library

The dillating adjust is manual from 'panhagogologo's

manualis

Library (No.)

Corresponds panotes emiglions corrects Library (officialist)

Size of Sample

ample: que.fl.testp=1, nemil. f2=f16, siq.inni=f.65, powe-d.8)
sample: ["r"] | sample: ["r"] | s

Variables Meaning

Reading DataFrame and Transformation

table <-read excel('Base tratada.xisa', sheet - 'Base tratada', range - 'Al table[ie.xa(table)] <- 0

**		*00941*	"QUALL"	*goaz.3*	*QUAL4*	"STRATORI"
**	(4)	"STRUCTORG"	"STRATOR)"	"STRATORS"	*37887085*	"STRATORS"
**		*1330*	"ARREST"	"ARREST"	"ARREST"	"FARTICL"
**	(16)	"EVALUATION 1"	"KVALKERFO"	"EVALUEDES"	*FARTEG*	"FARTICL"
		1191391			********	**********
		*1171119'6"				"STRATOR?"
**	(31)	"CRRELANEAL"	"DRKELAKEAJ"	***************************************	"DESCRIPTION"	"COURCLANDAS"
**	(36)	"CHRISTANEAG"	"INVARIAL"	"INNEXI"	"DUNNERS"	"110/ANKA 4"
**	(41)	"INNEXES."	"INVARIAS"	"INNAMEA?"	"DESCRIPTION"	"I 10/00/00/00 9"
	1460	"INDERESTO"	"INVARIALL"	"INDENDALL"	"DUNABEALS"	"PARTIN"

Triangular matrix



Block Variable

Defining the block of variables. Each line is a latent variable

Each indicators present in line is the relection of the LV.

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Scale Definition

Definig the scale (what is numeric and what is nominal=non-metric)

Reflexive Mode

All Latent Variables are reflexive

External Model Validation

First running to measure indicators

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blook.indicts,
blook.ind

Alpha Cronbach, Rho, Eigenvalue

	Mode	MVs	C.alpha	DG.rho	elg.1st	elg.2nd
ASSES	A	3	0.7463013	0.05564981	1.993188	0.5923898
QUAL	A	4	0.7557806	0.84582967	2.318345	0.7143565
DRRELAREA	A	6	0.8021518	0.05924359	3.043606	0.8220197
EVALRESP	A	3	0.6039255	0.79126296	1.677185	0.7377764
STRATOR	A	7	0.8997010	0.92140957	4.392699	0.6712617
INVAREA	A	13	0.8713167	0.09423412	5.156630	1.0539624
TYPINF	A	9	0.9112693	0.92779984	5.320419	0.8108628
PARTN	A	4	0.1567167	0.01751683	1.262489	1.1879879
IAM	A	1	1.0000000	1.00000000	1.000000	0.0000000



name	block	weight	loading	communality	redundancy
ASSES1	ASSES	0.56934845	0.9004924	0.02535037	0.00000000
A55E52	ASSES	0.33541023	0.7937113	0.62997759	0.00000000
ASSES3	ASSES	0.30159958	0.7179466	0.51544737	0.00000000
QUALI	QUAL	0.40147330	0.8602531	0.74003544	0.00000000
QUAL2	QUAL	0.25194010	0.6864366	0.47119514	0.00000000
QUAL3	QUAL	0.29467413	0.7101656	0.50433512	0.00000000
QUAL4	QUAL	0.34297885	0.7742713	0.59549597	0.00000000
DRRELAREAT	DRRELAPEA	0.22326949	0.7392602	0.54651742	0.00000000
DRRELAREA2	DRRELAREA	0.22820717	0.7219880	0.52126667	0.00000000
DRRELAREAS	DRRELAPEA	0.23658608	0.6024609	0.46576378	0.00000000
DRRELAREA4	DRRELAREA	0.28993479	0.7900188	0.62412963	0.00000000
DRRELAREAS	DRRELAREA	0.22278888	0.7475733	0.55886578	0.00000000
DRRELAREAS	DRRELAREA	0.19953889	0.5560740	0.32134705	0.00000000
EVALRESP1	EVALRESP	0.23604765	0.5527463	0.30552847	0.00000000
EVALRESP2	EVALRESP	0.55143533	0.0346194	0.09658954	0.00000000
EVALRESP3	EVALRESP	0.50842656	0.8050069	0.64803618	0.00000000
STRATOR1	STRATOR	0.19424368	0.8518098	0.72557988	0.00000000
STRATOR2	STRATOR	0.22900262	0.8722600	0.76003756	0.00000000
STRATOR3	STRATOR	0.19968139	0.8491360	0.72103203	0.00000000
STRATOR4	STRATOR	0.14410503	0.7029008	0.49406959	0.00000000
STRATORS	STRATOR	0.15774279	0.7511193	0.55418019	0.00000000
STRATORS	STRATOR	0.17153582	0.7960700	0.63501448	0.00000000
STRATOR7	STRATOR	0.15567777	0.6906645	0.48813204	0.00000000
INVAPEA1	INVAPEA	0.16854396	0.7187450	0.51659431	0.27010341
INVAPEA2	INVAPEA	0.08356631	0.4978693	0.24797381	0.12960182
INVAREAS	INVAREA	0.13374281	0.6776578	0.45949126	0.24024685
IN/APEA4	INVAREA	0.15376180	0.6991967	0.45557606	0.25561082
INVAREAS	INVAREA	0.09965844	0.5505226	0.30307516	0.15846407
INVAPEAS	INVAREA	0.10062361	0.6353782	0.40370547	0.21107903
INVAPEA7	INVAPEA	0.15250288	0.6720501	0.45273803	0.23671590
INVAPEAS	INVAREA	0.13311893	0.6582953	0.43335270	0.22658020
INVAPEAG	INVAREA	0.12936865	0.6993204	0.48904907	0.25570127
INVAREATO	INVAREA	0.09172295	0.5935068	0.35234533	0.18422517
INVAREA11	INVAREA	0.11941694	0.6504924	0.42314039	0.22124065
INVAREA12	INVAREA	0.12442556	0.5445024	0.29656999	0.15506281
INVAREA13	INVAREA	0.07696566	0.5155287	0.26576968	0.13895885
TYPINF1	TYPINE	0.14664126	0.7648874	0.58505266	0.40939473
TYPINF2	TYPINE	0.17068802	0.8298251	0.65860971	0.48185951
TYPINES	TYPINE	0.16097989	0.0341564	0.09581686	0.48690276
TYPINF4	TYPINE	0.15621486	0.7903066	0.63729339	0.44595055
TYPINES	TYPINE	0.08386989	0.5449305	0.29694930	0.20779237
TYPINES	TYPINE	0.16889903	0.8403378	0.70616754	0.49414572
TYPINF7	TYPINE	0.15123516	0.0135730	0.66190096	0.46316667
TYPINFS	TYPINE	0.13853863	0.7890996	0.62394132	0.43660735
TYPINFS	TYPINE	0.10362720	0.6474852	0.41923704	0.29335408
PARTN1	PARTN	0.10588553	0.1937467	0.03753777	0.01707702
PARTN2	PARTN	0.74594937	0.7246391	0.52510184	0.23888400
PARTN3	PARTN	0.42365197	0.3375107	0.11201344	0.05182252
PARTN4	PARTN	0.44688378	0.6622614	0.43859020	0.19952735
IAM	PAM .	1.00000000	1.0000000	1.00000000	0.80815149

Miniming address / Weights

On Millering address is maked from "yandaprises";

The Millering address are maked from "yandaprises";

The Millering address are maked from "gandaprises";

Clima, last

Remove those below the metric 0.7 and 0.5

Removing all indicators below the reliability threshold

subsets_approvedc-model_platfouter_modelt>t filter(loading >=0.7 % communality >=0.5)

ы	name	ick	weight	loading	communality	redundanc
ASI	ASSES1	es	0.5693464	0.9054924	0.0253504	0.0000000
ASS	ASSES2	45	0.3354102	0.7937113	0.6299776	0.0000000
ASS	ASSES3	25	0.3015995	0.7179466	0.5154474	0.0000000
q	QUAL1	IAL.	0.4014733	0.8602531	0.7400354	0.0000000
q	QUAL3	IAL.	0.2946741	0.7101656	0.5043351	0.0000000
q	QUAL4	IAL.	0.3429788	0.7742713	0.5994960	0.0000000
DRRELA	DRRELAREAT	EA	0.2232695	0.7392682	0.5465174	0.0000000
DRRELA	DRRELAREA2	£A.	0.2282072	0.7219880	0.5212667	0.0000000
DRRELA	DRRELAREA4	EA	0.2899348	0.7900155	0.6241296	0.0000000
DRRELA	DRRELAREAS	£A.	0.2227889	0.7475733	0.5500658	0.0000000
EVALRE	EVALRESP2	SP.	0.5514353	0.8346194	0.6965095	0.0000000
EVALRE	EVALRESP3	SP.	0.5084266	0.0050069	0.6480362	0.0000000
STRA	STRATOR1	OR	0.1942437	0.8518298	0.7255799	0.0000000
STRA	STRATOR2	OR	0.2290026	0.8722600	0.7608376	0.0000000
STRA	STRATORS	OR	0.1995814	0.8491360	0.7210320	0.0000000
STRA	STRATORS	JR.	0.1577428	0.7511193	0.5641802	0.0000000
STRA	STRATORS	OR	0.1715358	0.7968780	0.6350145	0.0000000
INVA	INVAREA1	EA	0.1685440	0.7187450	0.5165943	0.2701034
TYP	TYPINF1	NF	0.1466413	0.7648874	0.5050527	0.4093943
TYP	TYPINF2	NF	0.1705880	0.0290251	0.6886097	0.4818565
TYP	TYPINF3	NF	0.1609799	0.8341564	0.6950169	0.4869028
TYP	TYPINF4	NF	0.1502149	0.7983066	0.6372934	0.4459500
TYP	TYPINES	NF	0.1688990	0.8403378	0.7061675	0.4941457
TYP	TYPINF7	NF	0.1512352	0.0135730	0.6619010	0.4631660
700	TATRACT	No.	0.1285285	0.7202004	0.5330443	0.4388073

name block weight boding community redundancy PARTIC PARTIN 0.765844 6.7348391 6.2359918 0.208840 IAM IAM 1.0000000 1.0000000 1.0000000 0.0001515

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Creating the new block of variables containing reliables indicators.

See again the Landson of Maria Containing reliables indicators.

Creating the new block of variables containing reliables indicators.

Creating the new block of variables containing reliables indicators.

Creating the new block of variables containing reliables indicators.

Creating the new block of variables containing reliables.

Creating the new block of variables.

Creating the new bloc
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	Mode	MVs	Calpha	DG.rho	eig.fat	elg 2nd
ASSES	A	3	0.7463013	0.8556490	1.993188	0.5923898
QUAL.	A	3	0.7311546	0.8481344	1.952246	0.5834945
DRRELAREA	A	4	0.7890320	0.8635029	2.451396	0.5933478
EVALRESP	A	2	0.5056609	0.8283841	1.414088	0.5859119
STRATOR	A	5	0.8928571	0.9214190	3.500126	0.5103422
INVAREA	A	1	1.0000000	1.0000000	1.000000	0.0000000
TYPINF	A	7	0.9164128	0.9332016	4.657357	0.5769790
PARTN	A	1	1.0000000	1.0000000	1.000000	0.0000000
IAM	A	1	1.0000000	1.0000000	1.000000	0.0000000

Spring Spring all and a 1, and pain length = 1, the pain length = 1000 female and pain length =

name	block	weight	loading	communality	redune
55551	ASSES	0.5593484	0.9054924	0.0253504	0.000
55052	ASSES	0.3354102	0.7937113	0.6299776	0.000
55053	ASSES	0.3015995	0.7179466	0.5154474	0.000
QUAL1	QUAL	0.4767963	0.8570977	0.7346165	0.000
QUAL3	QUAL	0.3499599	0.7478610	0.5592961	0.000
QUAL4	QUAL	0.4073274	0.0092204	0.6548377	0.000
AREA1	DRRELAREA	0.3051859	0.7777597	0.6049101	0.00
AREA2	DRRELAREA	0.2963412	0.7552502	0.5704150	0.00
AREA4	DRRELAREA	0.3839140	0.7967093	0.6347456	0.00
AREA5	DRRELAREA	0.2928219	0.7955581	0.6329128	0.00
RESP2	EVALRESP	0.6185488	0.8547055	0.7305215	0.00
RESP3	EVALRESP	0.5703056	0.0264392	0.6830018	0.00
ATOR1	STRATOR	0.2457459	0.8662186	0.7503347	0.00
ATOR2	STRATOR	0.2883471	0.8899786	0.7902830	0.00
ATOR3	STRATOR	0.2509337	0.8716361	0.7597494	0.00
ATORS	STRATOR	0.1899965	0.7457919	0.5562055	0.00
ATORS	STRATOR	0.2116433	0.0050109	0.6480425	0.00
AREA1	INVAREA	1.0000000	1.0000000	1.0000000	0.38
YPINE 1	TYPINF	0.1638973	0.7628134	0.5010043	0.42
YPINF2	TYPINF	0.1908030	0.8427331	0.7101991	0.51
YPINF3	TYPINF	0.1802707	0.8465381	0.7166267	0.51
YPINE4	TYPINF	0.1745455	0.8114026	0.6583741	0.47
YPINES	TYPINF	0.1889492	0.8462052	0.7160632	0.51
YPINE?	TYPINF	0.1693599	0.8190501	0.6708431	0.48
YPINES	TYPINF	0.1549525	0.7825762	0.6124255	0.44
ARTN2	PARTN	1.0000000	1.0000000	1.0000000	0.29
IAM	IAM	1.0000000	1,0000000	1,0000000	0.80

* PARTIAL	LEAST	egower i	ATH MODE	1110 (PLS-PK)				
# MODEL SI # 1 Numb	PECIFIC	ATION Cases	1998						
# 2 Late # 3 Novi	est Var ifest V	iables aviables	9 27						
# 4 20a) # 5 20a	ie of Di -Metric	PLE	Stands TRUE	rdized	Data				
# 6 90-10 # 7 70-14	ghting : erance :	tohese Crit	path te-07						
# 8 Nax # 9 Com	Non Its	e Itera	300 4						
# 10 Book	tetrapp	ang eamples	THUE 100						
	ORY	ICM							
* ************************************	Block		type zi	2e H	ode P				
# 2 # 3 DE**	CONT	Escar-	1014	3 4	A A				
# 4 XX	ALREEP TRATOR	Esoges	1014	5	A A				
+ 4 2	TYPINF	Endages Endages	1004	7	A				
	HARI	Audogeo Kodogeo	1016	1	Ä				
	ORG PART	MILTON							
+ + ALES	2000) 1876 C	0.746	0.85	eig.	at +iq.	2m6 592		
+ CONT		s 2	0.731	0.848	1.	95 0. 45 0	583		
# STRATOR		5 2 A 5	0.586	0.928	1.	41 0. 51 0.	586 510		
# TEPERF		6 I 8 7	0.916	0.933	4.	.00 0. .67 0.	.000 .577		
# PARTE		4 1 A 1	1.000	1.000	1.	.00 0.	.000		
*		weight	loading	сови	unality	redund	isney		
+ 1 ACC	EEE	0.549	0.906		0.821		0.000		
# 1 ARR	12.3	0.902	0.716		0.511		0.000		
# 2 goal # 2 goal	1.3	0.477	0.857		0.731		0.000		
# 2 goal # DERKLARS	EA	0.407	0.809		0.651		0.000		
# 3 DESC	ELANEAL	0.296	0.755		0.570		0.000		
# 3 DR90	ELANEAS	0.288	0.794		0.633		0.000		
# 4 E782	LEGIST 2	0.619	0.855		0.731		0.000		
# STRATOR # S STRA	RTORS	0.246	0.864		0.750		0.000		
# 5 2TH	ATORS	0.288	0.885		0.790		.000		
# 5 STRI	ATOR6	0.212	0.905		0.669		0.000		
# 6 DEVI	LEGIS	1.000	1.000		1.000		1.383		
1 7 777	1997	0.166	0.763		0.581		1.610		
+ 7 mm	11073	0.190	0.811		0.711		1.518		
* 7 mm	230°6 230°7	0.189	0.815		0.714		1.617		
* 7 TYPE * PARTE * P	1978	0.155	0.793		1		1.295		
# IAN # S IAN	_	1.000	1.004		1.00				
:									
+ CROSSLOS	ADDRESS	ASSES	GONT	DESCRIPTION OF THE PERSON OF T	ANKA 1	TVALRETF	STRATOR	INVARIEA.	TYPESF
* ARRES	123	0.9085	0.2852	0.	2420	0.2947	0.2835	0.258 0.181 0.151	0.392 0.296 0.227
+ 1 ARES	123	0.7179	0.1281	0.	1152	0.2666	0.1302	0.151	
# 2 goar	1.3	0.2266	0.8575	0.	3985 3172	0.0798	0.7359	0.522 0.433 0.460	0.708 0.550 0.614
# 2 QUAL # DREELAND	1.4	0.1849	0.9092	0.	3579	0.0454	0.6625	0.460	0.614
# 3 DESC # 3 DESC	ELANEAI ELANEAI	0.1574	0.3268	0.	1778 1553	0.1222	0.3142	0.289 0.269 0.389 0.322	0.354 0.337 0.442 0.342
+ 3 DISS	ELANEAS P	0.1433	0.3143	0.	1956	0.0412	0.2969	0.322	
+ 4 10732 + 4 10732	LEGIP 2	0.3148	0.0885	0.	1072	0.8547	0.0688	0.127	0.144
* STRATUR * S STRA	ATOR1	0.1943	0.7084	0.	3774	0.0657	0.8662	0.547 0.633 0.542	0.706
* 5 STR	ATORS ATORS	0.3853	0.7720	0.	9416 9323	0.1573	0.8990	0.633	0.706 0.848 0.730 0.671 0.617
# S STRE	ATOR6	0.1614	0.6384	0.	3223	0.018	0.8050	0.379	0.617
# 6 DEVI	2,639,0	0.2532	0.5879	0.	6417	0.1422	0.6191	1.000	0.429
1 TER	1997	0.2319	0.5996	0.	9531 4254 4347	0.0847	0.6482	0.459	0.763
+ 7 TER	19976 19976	0.3506	0.6012	0.	2947 3709	0.1600	0.6729	0.527	0.811
+ 7 TER	110°? 110°8	0.3295	0.6295	0.	3793 3807	0.1071	0.6705	0.459 0.550 0.545 0.527 0.541 0.497	0.763 0.843 0.847 0.811 0.846 0.819 0.783
* FARTH * E FART * LAW	THE	0.1972	0.4985	0.	3263	0.1241	0.5259	0.405	0.526
# 9 EAS		0.2557 PARTP	0.8127 IMP	0.	4399	0.0822	0.8720	0.624	0.821
ATTEL 1 ATTE	esi esi	0.2133	0.2759						
+ 1 ACC	123	0.0775	0.1461						
# 2 goas # 2 goas	L1 L3	0.4012	0.7514						
+ 2 goas + consciant	id EX	0.4979	0.6419						
+ 3 DESS	ELANEA! ELANEA!	0.2451	0.3117						
+ EXAMPLE + 3 DESC	ELAKEAS P	0.2344	0.3038						
+ 4 E782 + STRATO*	LHEFT	0.0876	0.0662						
+ 5 2792 + 5 2792	RTORI RTORI	0.6601	0.7387						
* 5 STR	ATORS ATORS	0.4447	0.7723						
F DUAREA F 6 DEC	ANEA1	0.4052	0.6242						
+ TEPERF + 7 TEP	1991	0.3941	0.6225						
* 7 TER	11072 11073	0.4548	0.7352						
* 1 TER	15976 25976 25977	0.4094	0.6770						
FARTE	11078	0.3929	0.5847						
F DAM F DAM F 9 DAM	- mal	0.5192	1.0000						
# SINGRA # SINGRA #	A P	etimat-	m4. *	***	5 94		(2(5))		
# Intercep # SIRATUR	pr -1	.08e-14	0.0	576 576	-6.17e-	13 1.	00e+00 i9e-212		
2717217		antr					Date		
* Interces * INTERCES	pt -6 pt 7	.16e-15 .63e-01	214. Xx	118 131	5.21e- 1.03e-		(-(E)) 10e+00 17e-27		
# STRATUK	7	.79e-01	0.0	131	5.960	-01 0.0	00++00		
# 275570 #	E E	etimate	254. X	wer 18*	5 val	ue Evi	(>(5)) (0e+nn		
# DESCLASS # STRATO*	EA 1	.01e-01	0.0	215 246	4.70e+	- 1.6 -00 2.7 -01 2.9	16e-06 16e-61		
+ DUAREA	1	.00e-01	0.0	247	4.060	-00 5-0	15e-05		
+ SIME + + Date	ps .	stimate .56e-75	214. E	962	t val	100 EV 1	(>(%)) (0e+00		
# ARRES	-2 2	.59e-02	0.01	129 820	1.15e	00 2.1	18e-02 15e-32		
* DESCRIPTION	EA 9	.18e-03 .72e-02	0.01	154 554 124	8.30e- 1.63e- 2.17	01 4.0 00 1.0	16e-01 16e-01		
TIPLEF	6.2	.98e-02	0.01	330 064	5.25e	00 1.6 01 3.7	ide-07 16e-25		
PARTE	3	36e-02	0.01	187	2.830	-00 4-1	10e-03		
+ CORRELAT	TIONE N	ETHROUGH LY	T DREET	ANIA .	EVALRE	P STRAT	IOR INVA-	DA TYPEP	F RANTE
# ARRES	0.2	00 0.260 60 1.000	13 0	-230 -447	0.364	14 0.24 15 0.82	691 0.21 109 0.50	63 0.390 88 0.777	0.197
+ EVALUATION	0.3 0.2	69 0.891	15 1	-111	1.000	0.43 0 0.01 6 1.04	195 0.1 190 0.4	EA TYPINE 53 0.395 58 0.777 52 0.478 52 0.167 59 0.865 50 0.621 59 1.005 55 0.528 56 0.825	0.197 7 0.498 8 0.326 7 0.124 0 0.526 9 0.405 0 0.526
TIPLE	0.2	91 0.777	19 0	-642 -678	0.141	0.61	191 1.0 102 0.6	00 0.421	0.405
# IAN	0.2	16 0.811 IAM	17 6	-640	0.083	2 0.81	120 0.6	0.821	6 1.000
# ARRES	0.2	157 127							
FURLISHED FURLISHED	0.40 0.00	k22 720							
* DUNABLE * TUPLDE	0.61 0.61	209							
* PARTH * LAN	1.0	192							
# 22000AX	INDEX :	MODEL							
ALIEL	200	Type	92 B	seek_c	ommuna l	11y Nea 657	n_Redunda	100 0.451	
FURLESS	EA Sin	ogenous ogenous	0.000		0.	611 707	0.1	000 0.411	
F STRATOR	End	ogenous ogenous	0.000		1	701 000 667	0.1 0.1 0.1 0.1 0.2 0.3	soy ADR 000 0.451 000 0.450 000 0.411 000 0.701 000 0.701 000 0.701 000 0.461 000 0.461 000 0.461	
FARTH LAN	End End	ogenous ogenous	0.295		1.	000	0.0	195 1.000 808 1.000	
	s-ow	T							
(1) 0.0	6067								
TOTAL E	PPECTS	Latino			ingi		ial		
# 1 # 2	AE	DES -> QU > DESECTAN	DAL 0.0	0000	0.0000	0.00	100		
+ 2 + 4 + 5	ARREST -	-> EVALUE -> STRAT	OF 0.0	0000	0.0000	0.00			
* 4	ATTE	UNION THE	DEF 0.0	0000	0.0000	0.00	100		
	A ARIO	DESCRIPTION OF THE PARTY OF THE	- 0.0 IAM -0.0 IEA 0.0	2592 0000	0.0000	0 -0.02 0 0.00	159		
# 10 # 11	GOAT.	-> EVALUE -> STRAT	DEP 0.0	0000	0.0000	0.00	100		
+ 12 + 13	Scar Scar	-> INVAS 4 -> THE	MEA 0.0	0000	0.0000	0.00	000 000 000		
# 15 # 16 DESS	ELAKEA -	CONTRACTOR	DAR 0.2	1726	0.0000	0.21	178		
# 17 D00 # 18 D00	RELAKIA	-> STRAT	108 0.0 108 0.0	0000	0.0000	0.00	100		
# 20 I	CREATURED CONTRACT	EA -> PAS ANKA ->	0.1 EN 0.1	0111 0118	0.0000	0.14	111		
# 22 E	OTRES.	-> STRAT	10 NO.0	0000	0.0000	0.00	100		
# 24 1 # 25 # 24	EAST ME:	F -> THE SF -> BAS MADE:	THE D. C	0000 0000 0717	0.0000	0.00	100 100 172		
# 27 # 28	ACTARTS STRATS	: -> INVAS R -> TUPI	-0.0 EA 0.6	1907	0.0000	0.61 0 0.61	195		
# 29 # 30	STRATI	DR -> PAR ATOR -> 1	TH 0.4	2022 5430	0.0621	5 0.46	124		
# 31 # 32 # 29	INVANI INVANI	A -> THE A -> EAS	THE D. D	0000	0.0000	0.00	100 104 132		
# 34 # 35	TIPE	OF -> PAR FIRE -> *	ME 0.0	=983 0000 1717	0.0000	0.01	100 172		
36	10	WITH -> 1	DANE 0.0	3359	0.0000	0.03	136		
# moorgrap # weight.*	AF VALI	DATION							
ARRESTA	EEREL EEREL		0.549 0.214	Mean .	8005 2 .549 .335	1.85e-01	pero.021 0.53 1 0.53	perc.91	75 10 66
# ARRES-AU # QUAL-QUA # QUAL-QUA	essex		0.302	0	.902 .477	1.75e-01 6.30e-03	0.26	0.41 0.31 0.31 0.31 0.41 0.31 0.41	12 88 64
# QUAL-QU	82.3		0.400	0	407	6.70e-03	0.29	6 0.41 6 0.32	19
# DESCRIPTION	ALI ALI EA-DRIE	LANGA1	0.305	0	306				
# DESELAND		LANKAI LANKAI	0.305	0	.294	7.63a-03	0.29	0.33	14
ERRELARI	82.3 82.4 8308981 8308981	LANKAI LANKAI	0.305	0	.294	7.63e-03	0.28	0.31	14

Remove EVALRESP

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## Mauning: Detting you names on a tibble is deprecated.
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Measure Again

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AGES A 3 C.746210 628566 12010 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.000							
GUARDA A 3 C.171046 SAMENIA 1.0240 B.3330 GUARDADA A 4 B.20020 B.2010 B.		Mode	MVs	Calpha	DG.rho	eig.1st	elg.2nd
CRISTALINEA	ASSES	A	3	0.7463013	0.8556490	1.993188	0.5923898
STRATOR A 5 0.8028571 0.8224519 0.202120 0.51534 NOMEDA A 1 0.8000000 0.00000 0.00000 TYPOMI A 7 0.914412 0.922616 4.657357 0.51747 NWATTN A 1 0.8000000 1.0000000 1.000000 1.000000	QUAL	A	3	0.7311546	0.8481344	1.952246	0.5834945
NAMEA A 1 1,0000009 1,000000 1,000000 0,00000 TYPINF A 7 0,9164128 0,9322816 4,667357 0,37607 PMITN A 1 1,000000 1,000000 1,000000 1,000000 0,00000	DRRELAREA	A	4	0.7890320	0.8635029	2.451396	0.5933478
TYPREF A 7 0.9164128 0.9332916 4.667357 0.57667 PARTN A 1 1.0000000 1.0000000 0.00000	STRATOR	A	5	0.8928571	0.9214190	3.508126	0.5103422
PARTN A 1 1.000000 1.000000 1.000000 0.00000	INVAREA	A	1	1.0000000	1.0000000	1.000000	0.0000000
	TYPINF	A	7	0.9164128	0.9332816	4.667357	0.5769790
IAM A 1 1.0000000 1.0000000 1.000000 0.000000	PARTN	A	1	1.0000000	1.0000000	1.000000	0.0000000
	IAM	A	1	1.0000000	1.0000000	1.000000	0.0000000

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name	block	weight	loading	communality	redundancy
ASSEST	ASSES	0.5593484	0.9054924	0.0253584	0.0000000
ASSES2	ASSES	0.3354102	0.7937113	0.6299776	0.0000000
ASSES3	ASSES	0.3015996	0.7179466	0.5154474	0.0000000
QUAL1	QUAL	0.4767963	0.8570977	0.7346165	0.0000000
QUAL3	QUAL	0.3499599	0.7478610	0.5592961	0.0000000
QUAL4	QUAL	0.4073274	0.0092204	0.6548377	0.0000000
DRRELAREAT	DRRELAREA	0.3052010	0.7777678	0.6049228	0.0000000
DRRELAREA2	DRRELAREA	0.2963246	0.7552487	0.5704005	0.0000000
DRRELAREA4	DRRELAREA	0.3839160	0.7967110	0.6347464	0.0000000
DRRELAREAS	DRRELAREA	0.2928208	0.7955570	0.6329110	0.0000000
STRATOR1	STRATOR	0.2438702	0.8655788	0.7492266	0.0000000
STRATOR2	STRATOR	0.2859808	0.8883276	0.7891259	0.0000000
STRATORS	STRATOR	0.2506567	0.0714443	0.7594152	0.0000000
STRATORS	STRATOR	0.1929917	0.7473742	0.5505602	0.0000000
STRATORS	STRATOR	0.2126909	0.0054303	0.6487180	0.0000000
INVARIENT	INVAREA	1.0000000	1.0000000	1.0000000	0.0000000
TYPINF1	TYPINF	0.1627305	0.7621463	0.5000669	0.4193585
TYPINF2	TYPINF	0.1899279	0.5423544	0.7095609	0.5122695
TYPINF3	TYPINF	0.1821443	0.8471655	0.7176095	0.5181379
TYPINF4	TYPINF	0.1733168	0.8109038	0.6575650	0.4747309
TYPINFS	TYPINF	0.1891127	0.8462341	0.7161121	0.5169991
TYPINF7	TYPINE	0.1697171	0.0194016	0.6714190	0.4847328
TYPINFS	TYPINE	0.1558314	0.7831493	0.6133229	0.4427901
PARTN2	PARTN	1.0000000	1.0000000	1.0000000	0.3062187
IAM	IAM	1.0000000	1.0000000	1.0000000	0.8077404

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Creating a filter to eliminate all indicators with issues.
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                   AND ADDRESS OF THE PROPERTY OF
                   Indexes-eq(1,dispode) plst.towatment@prosaladding(1))
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final_variablesc-model plst.towatmentStoromaloadings toh
allow(tindexes)
      Plot the output of cross-loadings
             # load ggplot2 and reshape
library(pqplot2)

    Transing passage "against"
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             Control Contro
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Summary whole model

::	PARTIAL LEAST S	GONNET 1	WATE MODES	LING (FLO	- 200)			
::	MODEL SPECIFICA 1 Number of C	TION Ases	1998					
::	3 Manifest Va 4 Stale of Da 5 Manuary in	viables ta	12 Standar	ndized Dar	i.a			
::	6 Weighting S 7 Tolerance C 8 New York Ite	oheme vit	path 1e-07					
::	9 Curvergence 10 Nostetrappi 11 Nostetrap s	Iters ng amples	TRUE SOOO					
::	SPOCKS DEALSTAIL	CRE						
::	1 ARRES 2 QUAL	Except Except	ione ione	3 A				
::	4 STRATOR 5 DIVINERA	Except Except	1014	1 4				
::	7 IAM	Endages	1014	1 1				
::	BLOCKS UNIDINGS Node ARRES A	MAN C	r Laipha 1 0.746	0.856 e	ig.ist +ig	-2m6 -592		
::	CONT. A DESCRIPCE A STRATOR A	1 6 1	1.000 0.789 1.000	0.864 1.000	1.00 0 2.45 0 1.00 0	.000 .593 .000		
::	DUAREA A FARTU A LAN A	1	1.000	1.000 1.000 1.000	1.00 0 1.00 0	.000 .000		
::	OUTER MODEL							
::	ARREST 1 ARREST 1 ARREST	0.549	0.908	0	825 630	0.000		
::	1 ARREST QUAL 2 QUAL1	1.000	0.718	0	. 515	0.000		
::	3 DEFELOREAL 3 DEFELOREAL	0.304	0.777	0	60 4 57 3	0.000		
::	3 DESELAKEAS STRATOR	0.290	0.797	0	631	0.000		
::	DUBBER S DUBBER S DUBBERS	1.000	1.000	1	.000	0.000		
::	6 HARTIG DAN 7 DAN	1.000	1.000	1	.000	0.299		
::	CROSSLOADINGS							
::	ARREST 1 ARREST	0.908	QUAL D	0.242	0.395	0.258	0.2133	0.276
::	1 ACCESS OURL	0.718	0.238	0.115	0.222	0.151	0.0775	0.146
::	DERELAREA 3 DERELAREAL 3 DERELAREAL	0.157	0.365	0.777	0.326	0.289	0.2494	0.316
::	3 DEFELAREAS 3 DEFELAREAS STRATOR	0.214	0.466	0.797	0.402	0.389	0.2839	0.422
::	S DEVENDAL	0.263	0.913	0.442	0.633	1.000	0.5391	0.624
::	6 PARTED TAN	0.197	0.557	0.326	0.538	0.405	1.0000	0.519
::	DANK MODEL							
::	SPARTS E. Entercept -7.	timate 68e-15	854. Est 0.00	rer 5	value 7	w(> E)		
::	STRATOR 4.	10e-01 89e-01	0.00	209 2.	18e+00 1 16e+01 1.	.46e-07 92e-107		
::	IIM Es Intercept -2. ASSES -1.	timate 13e-15 65e-01	854. X41	878 -2.4 967 -1.1	value F 12e-13 1 10e+01 2	w(> E) .00++00		
::	QUAL 8. DESCLASOR -6. STRATOR 1.	15e-01 06e-03 63e-01	0.02	376 3.4 028 -4.1 170 7.1	13e+01 3. 90e-01 6 51e+00 9	27e-203 .24e-01 .04e-14		
::	PARTE 6.	32e-03 17e-03	0.011	216 3.1 266 5.1	16e-01 7 78e-01 5	.22e-01 .62e-01		
::	CORRELATIONS BE ASSE ASSES 1.00	THEORY LY	DESERVATION OF THE PERSON OF T	REA STRAT	ros muaso	A PARTS	1AM	
::	QUAL 0.41 DERELAREA 0.23 STRATOR 0.38	9 1.000 0 0.494 5 0.91	1.0	494 0.1 000 0.4 442 1.1	913 0.47 842 0.44 900 0.43	8 0.557 2 0.329 3 0.539	0.908	
::	PARTH 0.19 DAN 0.25	9 0.678 7 0.551 6 0.908	0.1	642 0.0 326 0.0 440 0.0	633 1.00 638 0.40 856 0.62	0 0.405 5 1.000 4 0.519	0.624	
::	STREET STREET H	ODEL Type	82 B	lock Comm	smallty No	an Redu	dancy	AVE
::	ATTES EAG QUAL EAG DESKLASEA EAG	genous genous genous	0.000		0.657		0.000	0.657 1.000 0.611
ä	DEVAMEN ENG							
**	PARTE Endo	genous genous	0.000		1.000		0.000	1.000
::	PAPTH ENGO IAN ENGO GOODBER-OF-FIT	genous genous genous	0.000 0.299 0.846		1.000 1.000 1.000 1.000		0.000 0.000 0.299 0.866	1.000 1.000 1.000 1.000
::	PARTH EASO IAN EASO GOODBEEF-OF-FIT (1) 0.601	genous genous genous	0.000 0.299 0.846		1.000 1.000 1.000 1.000		0.000 0.000 0.299 0.866	1.000 1.000 1.000 1.000
	PARTE EAGO LAN EAGO COCCOMES-OF-FIT [1] 0.601 TOTAL EFFECTS FOLA 1 ASSET 2 ASSET ->	genous genous tionenis	0.000 0.299 0.846	ect indi	1.000 1.000 1.000 1.000 1.000 1.000 0.000 0.000	5a1 000 000	0.000 0.000 0.299 0.846	1.000 1.000 1.000 1.000 1.000
	PARTE EAGO LAN EAGO COCCOMMENTO-PFT [1] 0.601 TOTAL EFFECTS FG.3 AREE - 3 AREE - 5 AREE - 5 AREE - 5	genous genous tionshig g -> ggn STRATS > TINYANS -> FANT	0.000 0.299 0.866 0.866 is distributed is 0.000 is 0.000 is 0.000	ect indi: 000 0.00 000 0.00 000 0.00 000 0.00	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	Eal 000 000 000 000 000	0.000 0.000 0.299 0.846	1.000 1.000 1.000 1.000
	PARTE EAGO CAN EAGO COCCREEZ-CV-FIT [1] 0.601 TOTAL EFFECTS 2 ASSET 4 ASSET 4 ASSET 5 ASSET 6 ASS 7 QUAL-2 8 QUAL-2 8 QUAL-2	penous penous tionship z -> gu mmuclass > strarc -> pant tionclass > strarc -> pant tionclass > strarc > strarc	0.000 0.299 0.846 0.846 in dist in 0.000 in 0.000 in 0.000 in 0.000 in 0.000 in 0.000	ect isdi. 000 0.00 000 0.00 000 0.00 000 0.00 000 0.00 000 0.00 000 0.00	1.000 1.000	Eal 000 000 000 000 000 000 000 000 000 0	0.000 0.000 0.299 0.866	1.000 1.000 1.000 1.000
	PARTE EAGO LAM EAGO COCCERET-OF-FIT [1] 0.601 TOTAL EFFECT AMERIC AMERIC	Constiguence Constitution Const	0.000 0.299 0.846 ML 0.001 ML	med. iskii. 000 0.000 000 0.000 000 0.000 000 0.000 000 0.000 000 0.000 000 0.000 000 0.000 000 0.000	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 0.000	EA1 000 000 000 000 534 000 000 000 544 000 000 544	0.000 0.000 0.299 0.846	1.000 1.000 1.000 1.000
	NAMES EAGO CONCRETE-OF-FIT COUNTY EFFECT COUNTY EFFECT ACT	CLIONALLA CLIONALLA CONTRACTOR CONTRACT	0.000 0.299 0.846 M. 200 M. 0.000 M. 0.	med issis 000 0.00 000 0	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 0.000	5.81 000 000 000 000 000 534 000 000 000 544 000 000 000 000	0.000 0.000 0.299 0.866	1.000 1.000 1.000 1.000
	NAME EAGL (1) 0.602 TOTAL EPPETS 1 ARRES 2 ARRES 4 ARRES 5 ARRES 6 ARR 6 ARR 10 COLL 11 DERELBERS 12 DERELBERS 13 DERELBERS 14 DERELBERS 15 DERELBERS 16 DERELBERS 17 DERELBERS 17 DERELBERS 18 DERELBERS 19 DERELBERS 10 DERELBERS 10 DERELBERS 10 DERELBERS 10 DERELBERS 11 DERELBERS 12 DERELBERS 13 DERELBERS 14 DERELBERS 15 DERELBERS 16 DERELBERS 17 DERELBERS 17 DERELBERS 17 DERELBERS 17 DERELBERS 18 DERELBERS 18 DERELBERS 19 DERELBERS 10 DE	tionelia tionel	0.000 0.299 0.846 LL 0.000 LN	### Linding	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 0.000	EA1 000 000 000 000 000 000 000 000 000 0	0.000 0.299 0.866	1.000 1.000 1.000 1.000
	MANTH EAGL MARCH MARCH	genous ge	0.000 0.299 0.846 0.846 0.846 0.800	### 1 ### 1	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 0.000	EAL 0000 0000 0000 0000 0000 0000 0000 0	0.000 0.299 0.866	1.000 1.000 1.000 1.000
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	NAME	genous Tionshig	0.000 0.1299 0.1464 1.14 0.000 1.15 0.0000 1.15 0.0000 1.15 0.0000 1.15 0.0000 1.15 0.0000 1.15 0.0000 1.15 0	med isali a de como de	1.000 1.000	EAL COCC COCC COCC COCC COCC COCC COCC CO	0.000 0.299 0.866 9.866	1.000 1.000 1.000 0.000 0.000 0.000 0.100 0.100 0.100 0.100
••••••••••••••••••••••••	NAMES EAGL CONTRACTOR OF THE PROPERTY OF THE	genous ge	0.000 0.000	mest isali in control of the control	1.000 1.000	### ### ### ### ### ### ### ### ### ##	0.000 0.299 0.866	1.000 1.000 1.000 0.100 0.000
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	NAMES EAGLE	genous ge	0.000 0.289 0.846	med. Lacilities (Company)	1.000 1.000	5.84 0000 0000 0000 0000 0000 0000 0000 0	0.000 0.299 0.864	1.000 1.1000 0.427
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	MARINA	pendous pendou	0.000 0.209 0.846 0.200	ment isali. 1000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.0	1.000 1.000	# peace	0.000 0.299 0.286 0.286 0.286 0.000 0.290 0.000 0.290 0.0000 0.0000 0.00	1.000 1.000
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	A	pendosa pendos	0.000 0.000	Media	1.000 1.00	Section Sect	0.000 0.235 per 535 300 2244 0000 000 000 000 000 000 000 000	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 0.000
	Compared	gendous gendou	0.000 0.2299 0.846	### Ladid 1	1.000 to 1.0	### 1	0.000 0.25 pe 0.000 0.25 pe 0.000 0.25 pe 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.00	1.000 1.000
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	A	September Sept	0.000 0.2884 0.000	ment Lisali. 600 - 0.00 600	1.000 1.000	# PARTO # PAR	0.000 0.844 0.844 0.844 0.844 0.844 0.844 0.000	1.000 1.000
	1	STANTON AMERICA AME	0.000	met. Leali. 1.000 - 0	1.000 1.000	### PMM*********************************	0.000 0.000	1.000 1.000
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name	block	weight	loading	communality	redundanc
ASSES1	ASSES	0.5593464	0.9054924	0.0253504	0.0000000
ASSES2	ASSES	0.3354102	0.7937113	0.6299776	0.0000000
ASSES3	ASSES	0.3015996	0.7179466	0.5154474	0.0000000
QUAL1	QUAL	1.0000000	1.0000000	1.0000000	0.000000
DRRELAREAT	DRRELAREA	0.3041415	0.7770406	0.6037921	0.000000
DRRELAREA2	DRRELAREA	0.2997205	0.7569246	0.5729348	0.000000
DRRELAREA4	DRRELAREA	0.3844580	0.7969075	0.6350615	0.000000
DRRELAREAS	DRRELAREA	0.2900736	0.7943445	0.6309832	0.000000
STRATOR2	STRATOR	1.0000000	1.0000000	1.0000000	0.0000000
INVAREA1	INVAREA	1.0000000	1,0000000	1,0000000	0.000000

name block weight loading communality reductioncy PARTIN2 PARTIN 1,0000000 1,0000000 1,0000000 0,2003H11 IAM IAM 1,0000000 1,0000000 1,0000000 0,0464210 Inner Summary Effects | March | Marc ** STEERING GENERAL THEORY SECRETARY ** THE RELIGIOUS GENERAL IN ANIMAL FROM "SECRETARY SECRETARY SECRETA Filtering by the relevant effects (above or equal 0.1) - IAM SIZE EFFECTS model filtered-model plat-finalFacores tot as data-frame totaleot(AMEER, QOAL, STRATOR, IANG model (- acor(IAN-, data-model filtered) eta_squared[model) Cabess f Aquaend(Annona (2)) # # If Iffice Like Go ANNOA (Type 1) # # Fanaster | Colon's f' Querial) | #55 CI # Fanaster | Colon's f' (30 Ag, 142) # ANNO | 5.45 | (5.75, 142) # Open. | 5.45 | (5.75, 142) # TENNOR | 5.45 | (5.75, 142) # TENNOR | 5.45 | (5.75, 142) # TENNOR | 5.45 | (5.75, 142) Filtering by the relevant effects (above or equal 0.1) - PARTN RELIEF STATES AND A STATES AND ## relationships direct indirect total ## 3 DESCLARATE -> PARTH 0.1102265 0 0.1102265 ## 4 STRATOR -> PARTH 0.4894194 0 0.4894194 moini, filtered-codel plat, finallacores tot as data frame totalect (DEMILAMEA, REMAIN, MARTH) solid (- ner/MARTH-, data-code), filtered) et agrandicode) ets_manareliminist ## Effect State for State ## # Iffoct lise for ANDVA (Type 1) # Falseter | Chhe'n f' (partil) | 95 CT # ZONGLOADA: 0.15 | (0.15; [61.15; 161] # ZONGLOADA: 0.25 | (0.26; 161] # ZONGLOADA: 0.26 | (0.26; 161] # Che-mided CTax upper bound fixed at [Inf]. 14. "Dereich Cits und besteht Zielle." Andereich Zielle Z 02 04 08 08 Performance #pag("ipma.pag") #pwist(pp #dev.off() Validation - GOF Validation Confidence Interval - Weights Validation Confidence Interval - Loadings

Validation Confidence Interval - Path Coefficients

Validation Confidence Interval - \mathbb{R}^2

Original Mean.Boot Etd.Exror pero.025 pero.975 ## PANTH 0.2999611 0.002891 0.056687672 0.269281 0.3336686 ## ZAM 0.8866210 0.8512820 0.007185126 0.8366827 0.8652052

Validation Confidence Interval - Effects

**	Original	Mean, Boot	And Arrest	pero.025	Dept. 975
** ALTEL -> INC	-0.145341258	-0.140919494	0.05197759	-0.16442818	-0.11722157
## QUAL -> IAM	0.815441920	0.822005587	0.03035496	0.76161212	0.88123087
## DESCRIPCION -> PARTIC	0.110226548	0.110608664	0.02716784	0.05855898	0.16280222
## DESCRIPTION -> TAN	-0.004360232	-0.004107986	0.05345758	-0.03017231	0.02249059
## STRATOR -> PARTS	0.489419400	0.489330261	0.02022612	0.44922179	0.52881057
## STRATOR -> IAN	0.165960548	0.159630313	0.02936689	0.10140028	0.21714170
## DUBBER -> DAY	0.004324685	0.004444941	0.01513741	-0.02491957	0.03445651

Validation Confidence Interval - Hypotheses Final

	Original	Mean.Boot	Std.Error	perc.025	perc.975	
ASSES IAM	-0.145341258	✓ Accept	0.01197759	-0.15442818	-0.11722157	
QUAL -> IAM	0.815441920	✓ Accept	0.03035496	0.76161212	0.88123087	
DRRELAREA -> PARTN	0.110226548	✓ Accept	0.02716784	0.05855898	0.16280222	
DRRELAREA -> IAM	-0.004360232	X Reject	0.01345758	-0.03017231	0.02249059	
STRATOR -> PARTN	0.489419400	✓ Accept	0.02022612	0.44922179	0.52881057	
STRATOR IAM	0.165960548	✓ Accept	0.02936689	0.10140028	0.21714170	
NVAREA -> IAM	0.004324685	¥ Reject	0.01513741	-0.02491957	0.03445651	
PARTN -= IAM	0.006174280	X Reject	0.01326522	-0.02001736	0.03116870	

The Final Equation

| THE TIME LYGARD | 1-1 (201916) | DREALABLE | 1-20709- DREALABLE | 1-20

Delication (Comparison of the Comparison of the

Prediction of IAM