

India - Replication Files for "Do Management Interventions Last? Evidence from India" 2017

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Overview

Identification

ID NUMBER

IND_2008-2017_MIIE_v01_M

Overview

ABSTRACT

We revisited Indian weaving firms nine years after a randomized experiment that changed their management practices. While about half of the practices adopted in the original experimental plants had been dropped, there was still a large and significant gap in practices between the treatment and control plants, suggesting lasting impacts of effective management interventions. Few practices had spread across the firms in the study, but many had spread within firms. Managerial turnover and the lack of director time were two of the most cited reasons for the drop in management practices, highlighting the importance of key employees.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

Firm

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
David McKenzie	World Bank
Nick Bloom	Stanford University
Aprajit Mahajan	UC Berkeley
John Roberts	Stanford GSB

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Development Economics Data Group	DECDG	The World Bank	Documentation of the DDI

DATE OF METADATA PRODUCTION

2019-11-07

DDI DOCUMENT VERSION

Version 01 (November 2019)

DDI DOCUMENT ID

DDI_IND_2008-2017_MIIE_v01_M_WB

Sampling

Sampling Procedure

The study is based on a sample of textile plants in India. For a full description of the sampling methodology, please refer to the research paper: Do Management Interventions Last? Evidence from India", American Economic Journal.

Questionnaires

No content available

Data Collection

Data Collection Dates

Start	End	Cycle
2008	2008	N/A
2011	2011	N/A
2014	2014	N/A
2017	2017	N/A

Data Collection Mode

Computer Assisted Personal Interview [capi]

Data Processing

No content available

Data Appraisal

No content available

File Description

Variable List

figurea1

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Variables needed for replicating : Appendix figurea1
Cases	587
Variable(s)	4
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V581	year	Year	discrete	numeric	
V582	lproduction	Log production	contin	numeric	
V583	llooms	Log looms	contin	numeric	
V584	lemployees	Log employees	contin	numeric	

tablea1

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Variables needed for replicating : Appendix tablea1
Cases	136
Variable(s)	41
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V909	year	Year	discrete	numeric	
V910	q1	Is preventive maintenance carried out for the machines?	discrete	numeric	
V911	q2	Is preventive maintenance carried as per manufacturer's recommendations?	discrete	numeric	
V912	q3	Is the shop floor marked clearly for where each machine should be?	discrete	numeric	
V913	q4	Is the shop floor clear of waste and obstacles?	discrete	numeric	
V914	q5	Is machine downtime recorded?	discrete	numeric	
V915	q6	Are machine downtime reasons monitored daily?	discrete	numeric	
V916	q7	Is machine downtime analysed at least fortnightly & action plans created and imp	discrete	numeric	
V917	q8	Do daily meetings take place that discuss efficiency with production team?	discrete	numeric	
V918	q9	Are there written procedures for warping, drawing, weaving & beam gaiting displa	discrete	numeric	
V919	q10	Are there any visual aids to allow the firm to display daily efficiency loomwise	discrete	numeric	
V920	q11	Are these visual aids in practice updated on a daily basis?	discrete	numeric	
V921	q12	Are spares stored in a systematic basis (i.e. with labelling and demarked locati	discrete	numeric	
V922	q13	Are spares purchases and consumption recorded and monitored?	discrete	numeric	
V923	q14	Are scientific methods used to define inventory norms for spares?	discrete	numeric	
V924	q15	Are quality defects recorded?	discrete	numeric	
V925	q16	Are quality defects recorded defect wise?	discrete	numeric	
V926	q17	Are quality defects monitored on a daily basis?	discrete	numeric	
V927	q18	Is there an analysis and action plan based on defects data?	discrete	numeric	
V928	q19	Is there a fabric gradation system?	discrete	numeric	
V929	q20	Is the gradation system well defined?	discrete	numeric	
V930	q21	Do daily meetings take place that discuss defects and gradation?	contin	numeric	
V931	q22	Is there a Standard Operating Procedure displayed for quality supervisors and gr	discrete	numeric	

V932	q23	Are yarn transactions (receipt, issues, returns) recorded on a daily basis?	discrete	numeric
V933	q24	Is the closing stock monitored at least on a weekly basis?	contin	numeric
V934	q25	Are scientific methods used to define inventory norms for yarn?	discrete	numeric
V935	q26	Is there a process for monitoring the aging of yarn stock?	discrete	numeric
V936	q27	Is there a system for using and disposing of old stock?	discrete	numeric
V937	q28	Is there location wise entry maintained for yarn storage?	discrete	numeric
V938	q29	Is advance loom planning done ?	discrete	numeric
V939	q30	Is there a regular meeting between sales and operational management?	discrete	numeric
V940	q31	Is there a reward system for non-managerial factory staff based on performance?	discrete	numeric
V941	q32	Is there a reward system for managerial factory staff based on performance?	discrete	numeric
V942	q33	Is there a reward system for non-managerial factory staff based on attendance?	discrete	numeric
V943	q34	Are top performers among factory staff publicly identified each month?	discrete	numeric
V944	q35	Are roles & responsibilities written for managers and supervisors in the factory	discrete	numeric
V945	q36	Are customers segmented for order prioritisation?	discrete	numeric
V946	q37	Is orderwise production planning undertaken	discrete	numeric
V947	q38	Is historical efficiency data analysed for making business decisions regarding d	contin	numeric
V948	management	management score	contin	numeric
V949	treatment	Treatment indicator	discrete	numeric

tablea3

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Variables needed for replicating : Appendix tablea3
Cases	136
Variable(s)	40
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V950	year	Year	discrete	numeric	
V951	q1	Is preventive maintenance carried out for the machines?	discrete	numeric	
V952	q2	Is preventive maintenance carried as per manufacturer's recommendations?	discrete	numeric	
V953	q3	Is the shop floor marked clearly for where each machine should be?	discrete	numeric	
V954	q4	Is the shop floor clear of waste and obstacles?	discrete	numeric	
V955	q5	Is machine downtime recorded?	discrete	numeric	
V956	q6	Are machine downtime reasons monitored daily?	discrete	numeric	
V957	q7	Is machine downtime analysed at least fortnightly & action plans created and imp	discrete	numeric	
V958	q8	Do daily meetings take place that discuss efficiency with production team?	discrete	numeric	
V959	q9	Are there written procedures for warping, drawing, weaving & beam gaiting displa	discrete	numeric	
V960	q10	Are there any visual aids to allow the firm to display daily efficiency loomwise	discrete	numeric	
V961	q11	Are these visual aids in practice updated on a daily basis?	discrete	numeric	
V962	q12	Are spares stored in a systematic basis (i.e. with labelling and demarked locati	discrete	numeric	
V963	q13	Are spares purchases and consumption recorded and monitored?	discrete	numeric	
V964	q14	Are scientific methods used to define inventory norms for spares?	discrete	numeric	
V965	q15	Are quality defects recorded?	discrete	numeric	
V966	q16	Are quality defects recorded defect wise?	discrete	numeric	
V967	q17	Are quality defects monitored on a daily basis?	discrete	numeric	
V968	q18	Is there an analysis and action plan based on defects data?	discrete	numeric	
V969	q19	Is there a fabric gradation system?	discrete	numeric	
V970	q20	Is the gradation system well defined?	discrete	numeric	
V971	q21	Do daily meetings take place that discuss defects and gradation?	contin	numeric	
V972	q22	Is there a Standard Operating Procedure displayed for quality supervisors and gr	discrete	numeric	

V973	q23	Are yarn transactions (receipt, issues, returns) recorded on a daily basis?	discrete	numeric
V974	q24	Is the closing stock monitored at least on a weekly basis?	contin	numeric
V975	q25	Are scientific methods used to define inventory norms for yarn?	discrete	numeric
V976	q26	Is there a process for monitoring the aging of yarn stock?	discrete	numeric
V977	q27	Is there a system for using and disposing of old stock?	discrete	numeric
V978	q28	Is there location wise entry maintained for yarn storage?	discrete	numeric
V979	q29	Is advance loom planning done ?	discrete	numeric
V980	q30	Is there a regular meeting between sales and operational management?	discrete	numeric
V981	q31	Is there a reward system for non-managerial factory staff based on performance?	discrete	numeric
V982	q32	Is there a reward system for managerial factory staff based on performance?	discrete	numeric
V983	q33	Is there a reward system for non-managerial factory staff based on attendance?	discrete	numeric
V984	q34	Are top performers among factory staff publicly identified each month?	discrete	numeric
V985	q35	Are roles & responsibilities written for managers and supervisors in the factory	discrete	numeric
V986	q36	Are customers segmented for order prioritisation?	discrete	numeric
V987	q37	Is orderwise production planning undertaken	discrete	numeric
V988	q38	Is historical efficiency data analysed for making business decisions regarding d	contin	numeric
V989	plantid	Plant id	contin	numeric

tablea4

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Variables needed for replicating : Appendix tablea4
Cases	587
Variable(s)	5
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V990	year	Year	discrete	numeric	
V991	looms	Looms	contin	numeric	
V992	production	Production	contin	numeric	
V993	employees	Employees	contin	numeric	
V994	fcode	Firm code	contin	numeric	

figure1

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Variables needed for replicating : Figure 1
Cases	20
Variable(s)	5
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V576	m_managementtreatment	Treatment Experimental Group	contin	numeric	
V577	m_managementcontrol	Control Experimental Group	contin	numeric	
V578	m_managementnon_treatment	Treatment Non-Experimental	contin	numeric	
V579	timing	Months after the diagnostic phase	contin	numeric	
V580	m_managementnon_control	Control Non-Experimental	contin	numeric	

figures23

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Variables needed for replicating : Figure 23
Cases	136
Variable(s)	41
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V585	year	Year	discrete	numeric	
V586	q1	Is preventive maintenance carried out for the machines?	discrete	numeric	
V587	q2	Is preventive maintenance carried as per manufacturer's recommendations?	discrete	numeric	
V588	q3	Is the shop floor marked clearly for where each machine should be?	discrete	numeric	
V589	q4	Is the shop floor clear of waste and obstacles?	discrete	numeric	
V590	q5	Is machine downtime recorded?	discrete	numeric	
V591	q6	Are machine downtime reasons monitored daily?	discrete	numeric	
V592	q7	Is machine downtime analysed at least fortnightly & action plans created and imp	discrete	numeric	
V593	q8	Do daily meetings take place that discuss efficiency with production team?	discrete	numeric	
V594	q9	Are there written procedures for warping, drawing, weaving & beam gaiting displa	discrete	numeric	
V595	q10	Are there any visual aids to allow the firm to display daily efficiency loomwise	discrete	numeric	
V596	q11	Are these visual aids in practice updated on a daily basis?	discrete	numeric	
V597	q12	Are spares stored in a systematic basis (i.e. with labelling and demarked locati	discrete	numeric	
V598	q13	Are spares purchases and consumption recorded and monitored?	discrete	numeric	
V599	q14	Are scientific methods used to define inventory norms for spares?	discrete	numeric	
V600	q15	Are quality defects recorded?	discrete	numeric	
V601	q16	Are quality defects recorded defect wise?	discrete	numeric	
V602	q17	Are quality defects monitored on a daily basis?	discrete	numeric	
V603	q18	Is there an analysis and action plan based on defects data?	discrete	numeric	
V604	q19	Is there a fabric gradation system?	discrete	numeric	
V605	q20	Is the gradation system well defined?	discrete	numeric	
V606	q21	Do daily meetings take place that discuss defects and gradation?	contin	numeric	
V607	q22	Is there a Standard Operating Procedure displayed for quality supervisors and gr	discrete	numeric	

V608	q23	Are yarn transactions (receipt, issues, returns) recorded on a daily basis?	discrete	numeric
V609	q24	Is the closing stock monitored at least on a weekly basis?	contin	numeric
V610	q25	Are scientific methods used to define inventory norms for yarn?	discrete	numeric
V611	q26	Is there a process for monitoring the aging of yarn stock?	discrete	numeric
V612	q27	Is there a system for using and disposing of old stock?	discrete	numeric
V613	q28	Is there location wise entry maintained for yarn storage?	discrete	numeric
V614	q29	Is advance loom planning done ?	discrete	numeric
V615	q30	Is there a regular meeting between sales and operational management?	discrete	numeric
V616	q31	Is there a reward system for non-managerial factory staff based on performance?	discrete	numeric
V617	q32	Is there a reward system for managerial factory staff based on performance?	discrete	numeric
V618	q33	Is there a reward system for non-managerial factory staff based on attendance?	discrete	numeric
V619	q34	Are top performers among factory staff publicly identified each month?	discrete	numeric
V620	q35	Are roles & responsibilities written for managers and supervisors in the factory	discrete	numeric
V621	q36	Are customers segmented for order prioritisation?	discrete	numeric
V622	q37	Is orderwise production planning undertaken	discrete	numeric
V623	q38	Is historical efficiency data analysed for making business decisions regarding d	contin	numeric
V624	treatment	Treatment Indicator	discrete	numeric
V625	experimental	Experimental Indicator	discrete	numeric

figures23_2

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Variables needed for replicating : Figure 23_2
Cases	38
Variable(s)	2
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V626	question	Question	contin	numeric	
V627	category	Management Category	discrete	character	

table2

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Variables needed for replicating : Table2
Cases	136
Variable(s)	12
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V861	year	Year	discrete	numeric	
V862	management	management score	contin	numeric	
V863	treatment	Treatment Indicator	discrete	numeric	
V864	experimental	Indicator of Experimental Plant	discrete	numeric	
V865	year2011	Year is 2011 dummy	discrete	numeric	
V866	year2017	Year is 2017 dummy	discrete	numeric	
V867	treatment2011	Treatment*Year2011	discrete	numeric	
V868	treatment2017	Treatment*Year2017	discrete	numeric	
V869	bmanagement	Baseline Management Score	contin	numeric	
V870	min2017	Indicator for plants present in data in both years	discrete	numeric	
V871	plantid	Plant ID number	contin	numeric	
V872	fcode	Firm code	discrete	numeric	

permutation_results_tbl2

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Variables needed for replicating : Permutation results - table 2
Cases	400
Variable(s)	8
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V828	bt_t11_up	r(b_t11_up)	contin	numeric	
V829	bt_t17_up	r(b_t17_up)	contin	numeric	
V830	bt_yr_up	r(b_yr_up)	contin	numeric	
V831	bt_bm_up	r(b_bm_up)	contin	numeric	
V832	bt_t11_bp	r(b_t11_bp)	contin	numeric	
V833	bt_t17_bp	r(b_t17_bp)	contin	numeric	
V834	bt_yr_bp	r(b_yr_bp)	contin	numeric	
V835	bt_bm_bp	r(b_bm_bp)	contin	numeric	

table3

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Variables needed for replicating : Table 3
Cases	1042
Variable(s)	5
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V873	year	Year	discrete	numeric	
V874	reason	Reason for Practice Change	discrete	character	
V875	treatment	Treatment Indicator	discrete	numeric	
V876	experimental	Experimental Sample Indicator	discrete	numeric	
V877	plantid	Plant Id	contin	numeric	

table4

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Variables needed for replicating : Table 4
Cases	4522
Variable(s)	11
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V878	year	Year	discrete	numeric	
V879	adopt	Practice adopted	discrete	numeric	
V880	management	management score	contin	numeric	
V881	treatment	Treatment group indicator	discrete	numeric	
V882	experimental	Experimental plants indicator	discrete	numeric	
V883	sq40	Factory Manager tenure	contin	numeric	
V884	freq	How frequent was practice at baseline	contin	numeric	
V885	group	group(plant question)	contin	numeric	
V886	dq	Change in adoption	discrete	numeric	
V887	firmid	Firm ID	discrete	numeric	
V888	plantid	Plant Id	contin	numeric	

table5_1

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Variables needed for replicating : Table 5_1
Cases	111
Variable(s)	16
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V889	year	Year	discrete	numeric	
V890	treatment	Treatment Indicator	discrete	numeric	
V891	treat_year_2017	Treatment*Year 2017	discrete	numeric	
V892	treat_year_2014	Treatment*Year 2014	discrete	numeric	
V893	treat_year_2011	Treatment*year 2011	discrete	numeric	
V894	salesmarketingscore	Sales and marketing score	discrete	numeric	
V895	firmemp	Firm employment	contin	numeric	
V896	firmlooms	Number of looms	contin	numeric	
V897	firmpicks	Firm picks	contin	numeric	
V898	anyconsult	Any consultant days	discrete	numeric	
V899	l_texport	Log exports	contin	numeric	
V900	export	Export dummy	discrete	numeric	
V901	firmid	Firm id	discrete	numeric	
V902	fcode	Firm code	discrete	numeric	
V903	plantid	plant id	contin	numeric	
V904	pcode	Plant code	contin	numeric	

table5_2

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Variables needed for replicating : Table 5_2
Cases	34
Variable(s)	4
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V905	fcode	Firm code	discrete	numeric	
V906	treatment	Treatment	discrete	numeric	
V907	totalupdated	Total Updated	contin	numeric	
V908	newafter2011	New after 2011	discrete	numeric	

permutation_results_table5_cols1_2

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" -Variables needed for replicating : Permutation Results - Table 5 Columns 1-2
Cases	4000
Variable(s)	2
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V821	b_t11_exp	r(b_t11_exp)	contin	numeric	
V822	b_t11_lexp	r(b_t11_lexp)	contin	numeric	

permutation_results_table5_col3

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Variables needed for replicating : Permutation Results - Table 5 Column 3
Cases	4000
Variable(s)	1
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V820	b_t_lu	r(b_t_lu)	contin	numeric	

permutation_results_table5_cols4_8

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Variables needed for replicating : Permutation Results - Table 5 Columns 4-8
Cases	4000
Variable(s)	5
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V823	bt_logfloods	r(b_logfloods)	contin	numeric	
V824	bt_logemp	r(b_logemp)	contin	numeric	
V825	bt_logfloods_emp	r(b_logfloods_emp)	contin	numeric	
V826	bt_anyconsult	r(b_anyconsult)	contin	numeric	
V827	bt_sales	r(b_salesmarketingscore)	contin	numeric	

common

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Input Data
Cases	38
Variable(s)	2
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V572	question	Question	contin	numeric	
V573	freq	Frequency	contin	numeric	

dltfp

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Input Data
Cases	20
Variable(s)	2
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V574	dltfp	dltfp	contin	numeric	
V575	firmid	Firm id	discrete	numeric	

india2017

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Input Data
Cases	136
Variable(s)	187
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V628	year	Year	discrete	numeric	
V629	q1	Is preventive maintenance carried out for the machines?	discrete	numeric	
V630	q2	Is preventive maintenance carried as per manufacturer's recommendations?	discrete	numeric	
V631	q3	Is the shop floor marked clearly for where each machine should be?	discrete	numeric	
V632	q4	Is the shop floor clear of waste and obstacles?	discrete	numeric	
V633	q5	Is machine downtime recorded?	discrete	numeric	
V634	q6	Are machine downtime reasons monitored daily?	discrete	numeric	
V635	q7	Is machine downtime analysed at least fortnightly & action plans created and imp	discrete	numeric	
V636	q8	Do daily meetings take place that discuss efficiency with production team?	discrete	numeric	
V637	q9	Are there written procedures for warping, drawing, weaving & beam gaiting displa	discrete	numeric	
V638	q10	Are there any visual aids to allow the firm to display daily efficiency loomwise	discrete	numeric	
V639	q11	Are these visual aids in practice updated on a daily basis?	discrete	numeric	
V640	q12	Are spares stored in a systematic basis (i.e. with labelling and demarked locati	discrete	numeric	
V641	q13	Are spares purchases and consumption recorded and monitored?	discrete	numeric	
V642	q14	Are scientific methods used to define inventory norms for spares?	discrete	numeric	
V643	q15	Are quality defects recorded?	discrete	numeric	
V644	q16	Are quality defects recorded defect wise?	discrete	numeric	
V645	q17	Are quality defects monitored on a daily basis?	discrete	numeric	
V646	q18	Is there an analysis and action plan based on defects data?	discrete	numeric	
V647	q19	Is there a fabric gradation system?	discrete	numeric	
V648	q20	Is the gradation system well defined?	discrete	numeric	
V649	q21	Do daily meetings take place that discuss defects and gradation?	contin	numeric	
V650	q22	Is there a Standard Operating Procedure displayed for quality supervisors and gr	discrete	numeric	

V651	q23	Are yarn transactions (receipt, issues, returns) recorded on a daily basis?	discrete	numeric
V652	q24	Is the closing stock monitored at least on a weekly basis?	contin	numeric
V653	q25	Are scientific methods used to define inventory norms for yarn?	discrete	numeric
V654	q26	Is there a process for monitoring the aging of yarn stock?	discrete	numeric
V655	q27	Is there a system for using and disposing of old stock?	discrete	numeric
V656	q28	Is there location wise entry maintained for yarn storage?	discrete	numeric
V657	q29	Is advance loom planning done ?	discrete	numeric
V658	q30	Is there a regular meeting between sales and operational management?	discrete	numeric
V659	q31	Is there a reward system for non-managerial factory staff based on performance?	discrete	numeric
V660	q32	Is there a reward system for managerial factory staff based on performance?	discrete	numeric
V661	q33	Is there a reward system for non-managerial factory staff based on attendance?	discrete	numeric
V662	q34	Are top performers among factory staff publicly identified each month?	discrete	numeric
V663	q35	Are roles & responsibilities written for managers and supervisors in the factory	discrete	numeric
V664	q36	Are customers segmented for order prioritisation?	discrete	numeric
V665	q37	Is orderwise production planning undertaken	discrete	numeric
V666	q38	Is historical efficiency data analysed for making business decisions regarding d	contin	numeric
V667	management	management score	contin	numeric
V668	q1_reason	q2 reason	discrete	character
V669	q1_category	q2 category	discrete	character
V670	q2_reason	q3 reason	discrete	character
V671	q2_category	q3 category	discrete	character
V672	q3_reason	q4 reason	discrete	character
V673	q3_category	q4 category	discrete	character
V674	q4_reason	q5 reason	discrete	character
V675	q4_category	q5 category	discrete	character
V676	q5_reason	q6 reason	discrete	character
V677	q5_category	q6 category	discrete	character
V678	q6_reason	q7 reason	discrete	character
V679	q6_category	q7 category	discrete	character
V680	q7_reason	q8 reason	discrete	character
V681	q7_category	q8 category	discrete	character
V682	q8_reason	q9 reason	discrete	character
V683	q8_category	q9 category	discrete	character
V684	q9_reason	q10 reason	discrete	character
V685	q9_category	q10 category	discrete	character
V686	q10_reason	q11 reason	discrete	character

V687	q10_category	q11 category	discrete	character
V688	q11_reason	q12 reason	discrete	character
V689	q11_category	q12 category	discrete	character
V690	q12_reason	q13 reason	discrete	character
V691	q12_category	q13 category	discrete	character
V692	q13_reason	q14 reason	discrete	character
V693	q13_category	q14 category	discrete	character
V694	q14_reason	q15 reason	discrete	character
V695	q14_category	q15 category	discrete	character
V696	q15_reason	q16 reason	discrete	character
V697	q15_category	q16 category	discrete	character
V698	q16_reason	q17 reason	discrete	character
V699	q16_category	q17 category	discrete	character
V700	q17_reason	q18 reason	discrete	character
V701	q17_category	q18 category	discrete	character
V702	q18_reason	q19 reason	discrete	character
V703	q18_category	q19 category	discrete	character
V704	q19_reason	q20 reason	discrete	character
V705	q19_category	q20 category	discrete	character
V706	q20_reason	q21 reason	discrete	character
V707	q20_category	q21 category	discrete	character
V708	q21_reason	q22 reason	discrete	character
V709	q21_category	q22 category	discrete	character
V710	q22_reason	q23 reason	discrete	character
V711	q22_category	q23 category	discrete	character
V712	q23_reason	q24 reason	discrete	character
V713	q23_category	q24 category	discrete	character
V714	q24_reason	q25 reason	discrete	character
V715	q24_category	q25 category	discrete	character
V716	q25_reason	q26 reason	discrete	character
V717	q25_category	q26 category	discrete	character
V718	q26_reason	q27 reason	discrete	character
V719	q26_category	q27 category	discrete	character
V720	q27_reason	q28 reason	discrete	character
V721	q27_category	q28 category	discrete	character
V722	q28_reason	q29 reason	discrete	character
V723	q28_category	q29 category	discrete	character
V724	q29_reason	q30 reason	discrete	character
V725	q29_category	q30 category	discrete	character
V726	q30_reason	q31 reason	discrete	character
V727	q30_category	q31 category	discrete	character

V728	q31_reason	q32 reason	discrete	character
V729	q31_category	q32 category	discrete	character
V730	q32_reason	q33 reason	discrete	character
V731	q32_category	q33 category	discrete	character
V732	q33_reason	q34 reason	discrete	character
V733	q33_category	q34 category	discrete	character
V734	q34_reason	q35 reason	discrete	character
V735	q34_category	q35 category	discrete	character
V736	q35_reason	q36 reason	discrete	character
V737	q35_category	q36 category	discrete	character
V738	q36_reason	q37 reason	discrete	character
V739	q36_category	q37 category	discrete	character
V740	q37_reason	q38 reason	discrete	character
V741	q37_category	q38 category	discrete	character
V742	q38_reason	q39 reason	discrete	character
V743	q38_category	q39 category	discrete	character
V744	treatment	Treatment indicator	discrete	numeric
V745	experimental	Experimental plant indicator	discrete	numeric
V746	fcomputers	Number of computers	contin	numeric
V747	fdirectors	number of directors	discrete	numeric
V748	femployees	Number of employees	contin	numeric
V749	sm1	Sales and marketing directors	discrete	numeric
V750	sm2	Sales and marketing time spent - total share all time	contin	numeric
V751	sm3	Trade shows	discrete	numeric
V752	sm4	How frequently analyze markets	discrete	numeric
V753	sm5	How frequently analyze product portfolio	discrete	numeric
V754	sm6	How frequently product pricing	discrete	numeric
V755	sm7	Firm own brand	discrete	numeric
V756	sm8	Sales and marketing professionals	discrete	numeric
V757	sm9	Sales and marketing use social media	discrete	numeric
V758	sm10	Advertising spend	contin	numeric
V759	sm12	Demand conditions	discrete	numeric
V760	sm13	Market change (industry)	discrete	numeric
V761	sm14	Market share (firm share)	discrete	numeric
V762	sm15	Weeks of orders domestic market	discrete	numeric
V763	sm16	Weeks of orders international market	discrete	numeric
V764	sq13	Location of HQ	discrete	character
V765	sq14	HQ and Plant at the same site?	discrete	character
V766	sq16	How long has your firm been in business (years)	contin	numeric
V767	sq17	Annual Turnover (In Million INR)	discrete	character
V768	sq18	How many production plants do you operate (e.g. 3)	discrete	numeric

V769	sq19	How many plants have been closed since FY2011?	discrete	numeric
V770	sq21	How many new plants have been established since FY2011?	discrete	numeric
V771	sq22	Are these new plants in textiles (i.e. weaving)? Or other biz. (dyeing, garmenti	discrete	character
V772	sq23	Is the Director the same as 5 years ago? (Yes/ No)	discrete	numeric
V773	sq25	If other reasons, pl enter free text here	discrete	character
V774	sq26	How many generations of your family have been in business (1=one generation (the	discrete	numeric
V775	sq27	How many family members are in this business with you	discrete	numeric
V776	sq28	Are there any more family mebers that could potentially join the business	discrete	numeric
V777	sq29	How much of your production is outsourced to others (e.g. 10%)	discrete	character
V778	sq30	What are your textile firms' main products (i.e. 80% suitings, 20% shirtings)	discrete	character
V779	sq31	What % of output is direct exports ? (e.g. 10%)	discrete	character
V780	sq32	What are the major export markets ? (e.g. Middle East, Africa, USA)	discrete	character
V781	sq35	Number of looms (sum of all types; e.g. 50 (25 Dornier+25 Jacquard))	contin	numeric
V782	sq36	Production (Fabric meters or picks)	contin	numeric
V783	sq37	Production (Normalized)	discrete	character
V784	sq39	Relation of the Plant Manager with the Director	discrete	character
V785	sq40	Factory Manager tenure	contin	numeric
V786	sq41	Employees (number) (Permanent + Contract)	contin	numeric
V787	sq42	No. of Plants	discrete	numeric
V788	sq44	Computerization	discrete	numeric
V789	sq45	How many computers does the firm have at the factory?	discrete	numeric
V790	sq46	How many people are direct users of the computers in factory?	discrete	numeric
V791	sq47	Does the plant manager use e-mail?	discrete	numeric
V792	sq48	Linked ERP System	discrete	numeric
V793	sq49	Decentralization	discrete	numeric
V794	sq50	What authority does the plant manager(or other managers) have to hire a Weaver (discrete	character
V795	sq51	What authority does the plant manager (or other managers) have to hire a junior	discrete	character
V796	sq52	What authority does the plant manager (or other managers) have to purchase spare	discrete	character
V797	sq53	Number of days the director visits the factory (this plant) every week	discrete	character
V798	sq55	Do you know any of the Directors of other firms in the study?	discrete	character
V799	sq57	Have you discussed management practices with any of them?	discrete	character
V800	sq58	Have you visited any of their plants?	discrete	character
V801	sq59	Have you changed any of your management practices as a result of these discussio	discrete	character

V802	sq60	Have any other members of your firm (e.g. plants managers) learned from other fi	discrete	character
V803	sq61	Did this learning lead you to adopt new management practices?	discrete	character
V804	sq62	Have you hired consultants since 2011? (yes/no)	discrete	character
V805	sq64	Approximately how many days of consultant time have you had in your plant since	discrete	character
V806	sq67	Length of interview (minutes)	discrete	character
V807	sq68	Interview reliability (1=very unreliable with doubts over 50% of information, 10	discrete	numeric
V808	sq69	Any other observations (free text)	discrete	character
V809	sq70	Approximate age of the Director (years)	discrete	character
V810	sq71	Estimated education of the Director (School, BA, MBA, Masters, other)	discrete	character
V811	sq72	Language of the interview	discrete	character
V812	noj	Balanced panel or not	discrete	numeric
V813	plantid	Plant id	contin	numeric
V814	firmid	Firm id	discrete	numeric

management2011

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Input Data
Cases	28
Variable(s)	5
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V815	m_managementtreatment	treatment m_management	contin	numeric	
V816	m_managementcontrol	control m_management	contin	numeric	
V817	m_managementnon_treatment	non_treatment m_management	contin	numeric	
V818	timing	Months after the diagnostic phase	contin	numeric	
V819	m_managementnon_control	non_control m_management	contin	numeric	

question

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Input Data
Cases	4522
Variable(s)	25
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V836	dltfp	dltfp	contin	numeric	
V837	year	Year	discrete	numeric	
V838	question	Question	contin	numeric	
V839	adopt	Adopt	discrete	numeric	
V840	management	management score	contin	numeric	
V841	reason	Reason	discrete	character	
V842	treatment	Treatment indicator	discrete	numeric	
V843	experimental	Experimental indicator	discrete	numeric	
V844	sq23	Is the Director the same as 5 years ago? (Yes/ No)	discrete	numeric	
V845	sq40	Factory Manager tenure	contin	numeric	
V846	noj	Balanced panel indicator	discrete	numeric	
V847	common	Common	discrete	numeric	
V848	uncommon	Uncommon	discrete	numeric	
V849	freq	Frequency of adoption in 2008 (pre intervention)	contin	numeric	
V850	group	group(plant question)	contin	numeric	
V851	dq	Net change in practice adoption	discrete	numeric	
V852	dman	Change in management	contin	numeric	
V853	newpm	New plant manager	discrete	numeric	
V854	tag	tag(plant year)	discrete	numeric	
V855	newpm_treat	New plant manager in treatment plant	discrete	numeric	
V856	newpm_control	New plant manager in control plant	discrete	numeric	
V857	pytag	tag(plant year)	discrete	numeric	
V858	management2011	2011 Management score	contin	numeric	
V859	plantid	plantid	contin	numeric	
V860	firmid	Firm id	discrete	numeric	

temp

Content	Data files needed to replicate different tables in Bloom et al's AEJ paper "Do management interventions last?" - Input Data
Cases	4522
Variable(s)	16
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V995	dltfp	dltfp	contin	numeric	
V996	year	Year	discrete	numeric	
V997	question	Question	contin	numeric	
V998	adopt	Adopt	discrete	numeric	
V999	management	management score	contin	numeric	
V1000	reason	Reason	discrete	character	
V1001	treatment	Treatment indicator	discrete	numeric	
V1002	experimental	Experimental indicator	discrete	numeric	
V1003	sq23	Is the Director the same as 5 years ago? (Yes/ No)	discrete	numeric	
V1004	sq40	Factory Manager tenure	contin	numeric	
V1005	noj	Balanced panel indicator	discrete	numeric	
V1006	common	Common	discrete	numeric	
V1007	uncommon	Uncommon	discrete	numeric	
V1008	freq	Frequency	contin	numeric	
V1009	plantid	plantid	contin	numeric	
V1010	firmid	Firm id	discrete	numeric	

Year (year)

File: figurea1

Overview

Type: Discrete	Valid cases: 587
Format: numeric	Invalid: 0
Width: 4	Minimum: 2008
Decimals: 0	Maximum: 2011
Range: 2008-2011	

Log production (lproduction)

File: figurea1

Overview

Type: Continuous	Valid cases: 376
Format: numeric	Invalid: 211
Width: 18	Minimum: -1
Decimals: 0	Maximum: 1.1
Range: -0.969655930995941-1.11300098896027	

Log looms (llooms)

File: figurea1

Overview

Type: Continuous	Valid cases: 495
Format: numeric	Invalid: 92
Width: 16	Minimum: 1.4
Decimals: 0	Maximum: 5.3
Range: 1.3862943649292-5.33271884918213	

Log employees (lemployees)

File: figurea1

Overview

Type: Continuous	Valid cases: 498
Format: numeric	Invalid: 89
Width: 15	Minimum: 2.5
Decimals: 0	Maximum: 6.5
Range: 2.4849066734314-6.4922399520874	

Year (year)

File: tablea1

Overview

Type: Discrete	Valid cases: 136
Format: numeric	Invalid: 0
Width: 4	Minimum: 2008
Decimals: 0	Maximum: 2017
Range: 2008-2017	

Is preventive maintenance carried out for the machines? (q1)

File: tablea1

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is preventive maintenance carried as per manufacturer's recommendations? (q2)

File: tablea1

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is the shop floor marked clearly for where each machine should be? (q3)

File: tablea1

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is the shop floor clear of waste and obstacles? (q4)

File: tablea1

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is machine downtime recorded? (q5)

File: tablea1

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are machine downtime reasons monitored daily? (q6)

File: tablea1

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is machine downtime analysed at least fortnightly & action plans created and imp (q7)

File: tablea1

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Do daily meetings take place that discuss efficiency with production team? (q8)

File: tablea1

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are there written procedures for warping, drawing, weaving & beam gaiting displa (q9)

File: tablea1

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are there any visual aids to allow the firm to display daily efficiency loomwise (q10)

File: tablea1

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 119
Invalid: 17
Minimum: 0
Maximum: 1

Are these visual aids in practice updated on a daily basis? (q11)

File: tablea1

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 119
Invalid: 17
Minimum: 0
Maximum: 1

Are spares stored in a systematic basis (i.e. with labelling and demarked locati (q12)

File: tablea1

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 119
Invalid: 17
Minimum: 0
Maximum: 1

Are spares purchases and consumption recorded and monitored? (q13)

File: tablea1

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 119
Invalid: 17
Minimum: 0
Maximum: 1

Are scientific methods used to define inventory norms for spares? (q14)

File: tablea1

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are quality defects recorded? (q15)

File: tablea1

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are quality defects recorded defect wise? (q16)

File: tablea1

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are quality defects monitored on a daily basis? (q17)

File: tablea1

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Is there an analysis and action plan based on defects data? (q18)

File: tablea1

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Is there a fabric gradation system? (q19)

File: tablea1

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Is the gradation system well defined? (q20)

File: tablea1

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Do daily meetings take place that discuss defects and gradation?
 (q21)

File: tablea1

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Is there a Standard Operating Procedure displayed for quality
 supervisors and gr (q22)

File: tablea1

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are yarn transactions (receipt, issues, returns) recorded on a daily
 basis? (q23)

File: tablea1

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 111
 Invalid: 25
 Minimum: 0
 Maximum: 1

Is the closing stock monitored at least on a weekly basis? (q24)

File: tablea1

Overview

Type: Continuous	Valid cases: 111
Format: numeric	Invalid: 25
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are scientific methods used to define inventory norms for yarn? (q25)

File: tablea1

Overview

Type: Discrete	Valid cases: 101
Format: numeric	Invalid: 35
Width: 1	Minimum: 0
Decimals: 0	Maximum: 0
Range: 0-0	

Is there a process for monitoring the aging of yarn stock? (q26)

File: tablea1

Overview

Type: Discrete	Valid cases: 101
Format: numeric	Invalid: 35
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a system for using and disposing of old stock? (q27)

File: tablea1

Overview

Type: Discrete	Valid cases: 101
Format: numeric	Invalid: 35
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there location wise entry maintained for yarn storage? (q28)

File: tablea1

Overview

Type: Discrete	Valid cases: 111
Format: numeric	Invalid: 25
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is advance loom planning done ? (q29)

File: tablea1

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a regular meeting between sales and operational management? (q30)

File: tablea1

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a reward system for non-managerial factory staff based on performance? (q31)

File: tablea1

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a reward system for managerial factory staff based on performance? (q32)

File: tablea1

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a reward system for non-managerial factory staff based on attendance? (q33)

File: tablea1

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are top performers among factory staff publicly identified each month? (q34)

File: tablea1

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are roles & responsibilities written for managers and supervisors in the factory (q35)

File: tablea1

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are customers segmented for order prioritisation? (q36)

File: tablea1

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 111
 Invalid: 25
 Minimum: 0
 Maximum: 1

Is orderwise production planning undertaken (q37)

File: tablea1

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 111
 Invalid: 25
 Minimum: 0
 Maximum: 1

Is historical efficiency data analysed for making business decisions regarding d (q38)

File: tablea1

Overview

Type: Continuous	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

management score (management)

File: tablea1

Overview

Type: Continuous	Valid cases: 119
Format: numeric	Invalid: 17
Width: 18	Minimum: 0.1
Decimals: 0	Maximum: 0.9
Range: 0.0789473684210526-0.894736842105263	

Treatment indicator (treatment)

File: tablea1

Overview

Type: Discrete	Valid cases: 136
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Year (year)

File: tablea3

Overview

Type: Discrete	Valid cases: 136
Format: numeric	Invalid: 0
Width: 4	Minimum: 2008
Decimals: 0	Maximum: 2017
Range: 2008-2017	

Is preventive maintenance carried out for the machines? (q1)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is preventive maintenance carried as per manufacturer's recommendations? (q2)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is the shop floor marked clearly for where each machine should be? (q3)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is the shop floor clear of waste and obstacles? (q4)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is machine downtime recorded? (q5)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are machine downtime reasons monitored daily? (q6)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is machine downtime analysed at least fortnightly & action plans created and imp (q7)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Do daily meetings take place that discuss efficiency with production team? (q8)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are there written procedures for warping, drawing, weaving & beam gaiting displa (q9)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are there any visual aids to allow the firm to display daily efficiency loomwise (q10)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are these visual aids in practice updated on a daily basis? (q11)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are spares stored in a systematic basis (i.e. with labelling and demarked locati (q12)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are spares purchases and consumption recorded and monitored? (q13)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are scientific methods used to define inventory norms for spares? (q14)

File: tablea3

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are quality defects recorded? (q15)

File: tablea3

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are quality defects recorded defect wise? (q16)

File: tablea3

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are quality defects monitored on a daily basis? (q17)

File: tablea3

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Is there an analysis and action plan based on defects data? (q18)

File: tablea3

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Is there a fabric gradation system? (q19)

File: tablea3

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Is the gradation system well defined? (q20)

File: tablea3

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Do daily meetings take place that discuss defects and gradation?
 (q21)

File: tablea3

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Is there a Standard Operating Procedure displayed for quality
 supervisors and gr (q22)

File: tablea3

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are yarn transactions (receipt, issues, returns) recorded on a daily
 basis? (q23)

File: tablea3

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 111
 Invalid: 25
 Minimum: 0
 Maximum: 1

Is the closing stock monitored at least on a weekly basis? (q24)

File: tablea3

Overview

Type: Continuous	Valid cases: 111
Format: numeric	Invalid: 25
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are scientific methods used to define inventory norms for yarn? (q25)

File: tablea3

Overview

Type: Discrete	Valid cases: 101
Format: numeric	Invalid: 35
Width: 1	Minimum: 0
Decimals: 0	Maximum: 0
Range: 0-0	

Is there a process for monitoring the aging of yarn stock? (q26)

File: tablea3

Overview

Type: Discrete	Valid cases: 101
Format: numeric	Invalid: 35
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a system for using and disposing of old stock? (q27)

File: tablea3

Overview

Type: Discrete	Valid cases: 101
Format: numeric	Invalid: 35
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there location wise entry maintained for yarn storage? (q28)

File: tablea3

Overview

Type: Discrete	Valid cases: 111
Format: numeric	Invalid: 25
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is advance loom planning done ? (q29)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a regular meeting between sales and operational management? (q30)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a reward system for non-managerial factory staff based on performance? (q31)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a reward system for managerial factory staff based on performance? (q32)

File: tablea3

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a reward system for non-managerial factory staff based on attendance? (q33)

File: tablea3

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are top performers among factory staff publicly identified each month? (q34)
 File: tablea3

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are roles & responsibilities written for managers and supervisors in the factory (q35)
 File: tablea3

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are customers segmented for order prioritisation? (q36)
 File: tablea3

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 111
 Invalid: 25
 Minimum: 0
 Maximum: 1

Is orderwise production planning undertaken (q37)
 File: tablea3

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 111
 Invalid: 25
 Minimum: 0
 Maximum: 1

Is historical efficiency data analysed for making business decisions regarding d (q38)

File: tablea3

Overview

Type: Continuous	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Plant id (plantid)

File: tablea3

Overview

Type: Continuous	Valid cases: 136
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 34
Range: 1-34	

Year (year)

File: tablea4

Overview

Type: Discrete	Valid cases: 587
Format: numeric	Invalid: 0
Width: 4	Minimum: 2008
Decimals: 0	Maximum: 2011
Range: 2008-2011	

Looms (looms)

File: tablea4

Overview

Type: Continuous	Valid cases: 495
Format: numeric	Invalid: 92
Width: 3	Minimum: 4
Decimals: 0	Maximum: 207
Range: 4-207	

Production (production)

File: tablea4

Overview

Type: Continuous	Valid cases: 376
Format: numeric	Invalid: 211
Width: 17	Minimum: 0.4
Decimals: 0	Maximum: 3
Range: 0.379213482141495-3.04347825050354	

Employees (employees)

File: tablea4

Overview

Type: Continuous	Valid cases: 498
Format: numeric	Invalid: 89
Width: 3	Minimum: 12
Decimals: 0	Maximum: 660
Range: 12-660	

Firm code (fcode)

File: tablea4

Overview

Type: Continuous	Valid cases: 587
Format: numeric	Invalid: 0
Width: 3	Minimum: 1
Decimals: 0	Maximum: 195
Range: 1-195	

Treatment Experimental Group (m_managementtreatment)

File: figure1

Overview

Type: Continuous	Valid cases: 20
Format: numeric	Invalid: 0
Width: 17	Minimum: 0.3
Decimals: 0	Maximum: 0.6
Range: 0.255848914384842-0.622917234897614	

Control Experimental Group (m_managementcontrol)

File: figure1

Overview

Type: Continuous	Valid cases: 20
Format: numeric	Invalid: 0
Width: 17	Minimum: 0.3
Decimals: 0	Maximum: 0.4
Range: 0.284085214138031-0.408020049333572	

Treatment Non-Experimental (m_managementnon_treatment)

File: figure1

Overview

Type: Continuous	Valid cases: 20
Format: numeric	Invalid: 0
Width: 17	Minimum: 0.3
Decimals: 0	Maximum: 0.4
Range: 0.261184215545654-0.435855269432068	

Months after the diagnostic phase (timing)

File: figure1

Overview

Type: Continuous	Valid cases: 20
Format: numeric	Invalid: 0
Width: 3	Minimum: -14
Decimals: 0	Maximum: 24
Range: -14-24	

Control Non-Experimental (m_managementnon_control)

File: figure1

Overview

Type: Continuous	Valid cases: 20
Format: numeric	Invalid: 0
Width: 17	Minimum: 0.3
Decimals: 0	Maximum: 0.3
Range: 0.278696745634079-0.314536333084106	

Year (year)

File: figures23

Overview

Type: Discrete	Valid cases: 136
Format: numeric	Invalid: 0
Width: 4	Minimum: 2008
Decimals: 0	Maximum: 2017
Range: 2008-2017	

Is preventive maintenance carried out for the machines? (q1)

File: figures23

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is preventive maintenance carried as per manufacturer's recommendations? (q2)

File: figures23

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is the shop floor marked clearly for where each machine should be? (q3)

File: figures23

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is the shop floor clear of waste and obstacles? (q4)

File: figures23

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is machine downtime recorded? (q5)

File: figures23

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are machine downtime reasons monitored daily? (q6)

File: figures23

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is machine downtime analysed at least fortnightly & action plans created and imp (q7)

File: figures23

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Do daily meetings take place that discuss efficiency with production team? (q8)

File: figures23

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are there written procedures for warping, drawing, weaving & beam gaiting displa (q9)

File: figures23

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are there any visual aids to allow the firm to display daily efficiency loomwise (q10)

File: figures23

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 119
Invalid: 17
Minimum: 0
Maximum: 1

Are these visual aids in practice updated on a daily basis? (q11)

File: figures23

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 119
Invalid: 17
Minimum: 0
Maximum: 1

Are spares stored in a systematic basis (i.e. with labelling and demarked locati (q12)

File: figures23

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 119
Invalid: 17
Minimum: 0
Maximum: 1

Are spares purchases and consumption recorded and monitored? (q13)

File: figures23

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 119
Invalid: 17
Minimum: 0
Maximum: 1

Are scientific methods used to define inventory norms for spares? (q14)

File: figures23

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are quality defects recorded? (q15)

File: figures23

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are quality defects recorded defect wise? (q16)

File: figures23

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are quality defects monitored on a daily basis? (q17)

File: figures23

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Is there an analysis and action plan based on defects data? (q18)

File: figures23

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Is there a fabric gradation system? (q19)

File: figures23

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Is the gradation system well defined? (q20)

File: figures23

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Do daily meetings take place that discuss defects and gradation?
 (q21)

File: figures23

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Is there a Standard Operating Procedure displayed for quality
 supervisors and gr (q22)

File: figures23

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are yarn transactions (receipt, issues, returns) recorded on a daily
 basis? (q23)

File: figures23

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 111
 Invalid: 25
 Minimum: 0
 Maximum: 1

Is the closing stock monitored at least on a weekly basis? (q24)

File: figures23

Overview

Type: Continuous	Valid cases: 111
Format: numeric	Invalid: 25
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are scientific methods used to define inventory norms for yarn? (q25)

File: figures23

Overview

Type: Discrete	Valid cases: 101
Format: numeric	Invalid: 35
Width: 1	Minimum: 0
Decimals: 0	Maximum: 0
Range: 0-0	

Is there a process for monitoring the aging of yarn stock? (q26)

File: figures23

Overview

Type: Discrete	Valid cases: 101
Format: numeric	Invalid: 35
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a system for using and disposing of old stock? (q27)

File: figures23

Overview

Type: Discrete	Valid cases: 101
Format: numeric	Invalid: 35
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there location wise entry maintained for yarn storage? (q28)

File: figures23

Overview

Type: Discrete	Valid cases: 111
Format: numeric	Invalid: 25
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is advance loom planning done ? (q29)

File: figures23

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a regular meeting between sales and operational management? (q30)

File: figures23

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a reward system for non-managerial factory staff based on performance? (q31)

File: figures23

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a reward system for managerial factory staff based on performance? (q32)

File: figures23

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a reward system for non-managerial factory staff based on attendance? (q33)

File: figures23

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are top performers among factory staff publicly identified each month? (q34)
 File: figures23

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are roles & responsibilities written for managers and supervisors in the factory (q35)
 File: figures23

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are customers segmented for order prioritisation? (q36)
 File: figures23

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 111
 Invalid: 25
 Minimum: 0
 Maximum: 1

Is orderwise production planning undertaken (q37)
 File: figures23

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 111
 Invalid: 25
 Minimum: 0
 Maximum: 1

Is historical efficiency data analysed for making business decisions regarding d (q38)

File: figures23

Overview

Type: Continuous	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Treatment Indicator (treatment)

File: figures23

Overview

Type: Discrete	Valid cases: 136
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Experimental Indicator (experimental)

File: figures23

Overview

Type: Discrete	Valid cases: 136
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Question (question)

File: figures23_2

Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 1-38

Valid cases: 38
Invalid: 0
Minimum: 1
Maximum: 38

Management Category (category)

File: figures23_2

Overview

Type: Discrete
Format: character
Width: 24

Valid cases: 38
Invalid: 0

Year (year)

File: table2

Overview

Type: Discrete	Valid cases: 136
Format: numeric	Invalid: 0
Width: 4	Minimum: 2008
Decimals: 0	Maximum: 2017
Range: 2008-2017	

management score (management)

File: table2

Overview

Type: Continuous	Valid cases: 119
Format: numeric	Invalid: 17
Width: 18	Minimum: 0.1
Decimals: 0	Maximum: 0.9
Range: 0.0789473684210526-0.894736842105263	

Treatment Indicator (treatment)

File: table2

Overview

Type: Discrete	Valid cases: 136
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Indicator of Experimental Plant (experimental)

File: table2

Overview

Type: Discrete	Valid cases: 136
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Year is 2011 dummy (year2011)

File: table2

Overview

Type: Discrete	Valid cases: 136
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Year is 2017 dummy (year2017)

File: table2

Overview

Type: Discrete	Valid cases: 136
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Treatment*Year2011 (treatment2011)

File: table2

Overview

Type: Discrete	Valid cases: 136
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Treatment*Year2017 (treatment2017)

File: table2

Overview

Type: Discrete	Valid cases: 136
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Baseline Management Score (bmanagement)

File: table2

Overview

Type: Continuous	Valid cases: 112
Format: numeric	Invalid: 24
Width: 18	Minimum: 0.1
Decimals: 0	Maximum: 0.8
Range: 0.0789473652839661-0.789473712444305	

Indicator for plants present in data in both years (min2017)

File: table2

Overview

Type: Discrete	Valid cases: 120
Format: numeric	Invalid: 16
Width: 1	Minimum: 1
Decimals: 0	Maximum: 1
Range: 1-1	

Plant ID number (plantid)

File: table2

Overview

Type: Continuous	Valid cases: 136
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 34
Range: 1-34	

Firm code (fcode)

File: table2

Overview

Type: Discrete	Valid cases: 136
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 17
Range: 1-17	

r(b_t11_up) (bt_t11_up)

File: permutation_results_tbl2

Overview

Type: Continuous
 Format: numeric
 Width: 18
 Decimals: 0
 Range: -0.180421561002731-0.228381991386414

Valid cases: 400
 Invalid: 0
 Minimum: -0.2
 Maximum: 0.2

r(b_t17_up) (bt_t17_up)

File: permutation_results_tbl2

Overview

Type: Continuous
 Format: numeric
 Width: 18
 Decimals: 0
 Range: -0.220112726092339-0.196492344141006

Valid cases: 400
 Invalid: 0
 Minimum: -0.2
 Maximum: 0.2

r(b_yr_up) (bt_yr_up)

File: permutation_results_tbl2

Overview

Type: Continuous
 Format: numeric
 Width: 19
 Decimals: 0
 Range: -0.212683752179146--0.0626015663146973

Valid cases: 400
 Invalid: 0
 Minimum: -0.2
 Maximum: -0.1

r(b_bm_up) (bt_bm_up)

File: permutation_results_tbl2

Overview

Type: Continuous
 Format: numeric
 Width: 17
 Decimals: 0
 Range: 0.340162754058838-0.745487451553345

Valid cases: 400
 Invalid: 0
 Minimum: 0.3
 Maximum: 0.7

r(b_t11_bp) (bt_t11_bp)

File: permutation_results_tbl2

Overview

Type: Continuous
 Format: numeric
 Width: 18
 Decimals: 0
 Range: -0.218759521842003-0.241960346698761

Valid cases: 400
 Invalid: 0
 Minimum: -0.2
 Maximum: 0.2

r(b_t17_bp) (bt_t17_bp)

File: permutation_results_tbl2

Overview

Type: Continuous
 Format: numeric
 Width: 18
 Decimals: 0
 Range: -0.228040724992752-0.20012104511261

Valid cases: 400
 Invalid: 0
 Minimum: -0.2
 Maximum: 0.2

r(b_yr_bp) (bt_yr_bp)

File: permutation_results_tbl2

Overview

Type: Continuous
 Format: numeric
 Width: 19
 Decimals: 0
 Range: -0.220516562461853--0.0763157904148102

Valid cases: 400
 Invalid: 0
 Minimum: -0.2
 Maximum: -0.1

r(b_bm_bp) (bt_bm_bp)

File: permutation_results_tbl2

Overview

Type: Continuous
 Format: numeric
 Width: 17
 Decimals: 0
 Range: 0.31560429930687-0.850417971611023

Valid cases: 400
 Invalid: 0
 Minimum: 0.3
 Maximum: 0.9

Year (year)

File: table3

Overview

Type: Discrete	Valid cases: 1042
Format: numeric	Invalid: 0
Width: 4	Minimum: 2017
Decimals: 0	Maximum: 2017
Range: 2017-2017	

Reason for Practice Change (reason)

File: table3

Overview

Type: Discrete	Valid cases: 1042
Format: character	Invalid: 0
Width: 40	

Treatment Indicator (treatment)

File: table3

Overview

Type: Discrete	Valid cases: 1042
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Experimental Sample Indicator (experimental)

File: table3

Overview

Type: Discrete	Valid cases: 1042
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Plant Id (plantid)

File: table3

Overview

Type: Continuous	Valid cases: 1042
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 28
Range: 1-28	

Year (year)

File: table4

Overview

Type: Discrete	Valid cases: 4522
Format: numeric	Invalid: 0
Width: 4	Minimum: 2008
Decimals: 0	Maximum: 2017
Range: 2008-2017	

Practice adopted (adopt)

File: table4

Overview

Type: Discrete	Valid cases: 4428
Format: numeric	Invalid: 94
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

management score (management)

File: table4

Overview

Type: Continuous	Valid cases: 4522
Format: numeric	Invalid: 0
Width: 18	Minimum: 0.1
Decimals: 0	Maximum: 0.9
Range: 0.0789473684210526-0.894736842105263	

Treatment group indicator (treatment)

File: table4

Overview

Type: Discrete	Valid cases: 4522
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Experimental plants indicator (experimental)

File: table4

Overview

Type: Discrete	Valid cases: 4522
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Factory Manager tenure (sq40)

File: table4

Overview

Type: Continuous	Valid cases: 3724
Format: numeric	Invalid: 798
Width: 3	Minimum: 0.1
Decimals: 0	Maximum: 30
Range: 0.1-30	

How frequent was practice at baseline (freq)

File: table4

Overview

Type: Continuous	Valid cases: 4522
Format: numeric	Invalid: 0
Width: 17	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-0.964285731315613	

group(plant question) (group)

File: table4

Overview

Type: Continuous	Valid cases: 4522
Format: numeric	Invalid: 0
Width: 4	Minimum: 1
Decimals: 0	Maximum: 1254
Range: 1-1254	

Change in adoption (dq)

File: table4

Overview

Type: Discrete	Valid cases: 1970
Format: numeric	Invalid: 2552
Width: 2	Minimum: -1
Decimals: 0	Maximum: 1
Range: -1-1	

Firm ID (firmid)

File: table4

Overview

Type: Discrete	Valid cases: 4522
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 17
Range: 1-17	

Plant Id (plantid)
File: table4

Overview	
Type: Continuous	Valid cases: 4522
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 33
Range: 1-33	

Year (year)

File: table5_1

Overview

Type: Discrete	Valid cases: 111
Format: numeric	Invalid: 0
Width: 4	Minimum: 2008
Decimals: 0	Maximum: 2017
Range: 2008-2017	

Treatment Indicator (treatment)

File: table5_1

Overview

Type: Discrete	Valid cases: 111
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Treatment*Year 2017 (treat_year_2017)

File: table5_1

Overview

Type: Discrete	Valid cases: 111
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Treatment*Year 2014 (treat_year_2014)

File: table5_1

Overview

Type: Discrete	Valid cases: 111
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Treatment*year 2011 (treat_year_2011)

File: table5_1

Overview

Type: Discrete	Valid cases: 111
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Sales and marketing score (salesmarketingscore)

File: table5_1

Overview

Type: Discrete	Valid cases: 111
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 10
Range: 0-10	

Firm employment (firmemp)

File: table5_1

Overview

Type: Continuous	Valid cases: 111
Format: numeric	Invalid: 0
Width: 3	Minimum: 35
Decimals: 0	Maximum: 415
Range: 35-415	

Number of looms (firmlooms)

File: table5_1

Overview

Type: Continuous	Valid cases: 111
Format: numeric	Invalid: 0
Width: 3	Minimum: 16
Decimals: 0	Maximum: 160
Range: 16-160	

Firm picks (firmpicks)

File: table5_1

Overview

Type: Continuous	Valid cases: 111
Format: numeric	Invalid: 0
Width: 12	Minimum: 412563.3
Decimals: 0	Maximum: 33873948
Range: 412563.28125-33873948	

Any consultant days (anyconsult)

File: table5_1

Overview

Type: Discrete	Valid cases: 111
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Log exports (l_texport)

File: table5_1

Overview

Type: Continuous
 Format: numeric
 Width: 16
 Decimals: 0
 Range: 1.0986123085022-3.84801769256592

Valid cases: 66
 Invalid: 45
 Minimum: 1.1
 Maximum: 3.8

Export dummy (export)

File: table5_1

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 111
 Invalid: 0
 Minimum: 0
 Maximum: 1

Firm id (firmid)

File: table5_1

Overview

Type: Discrete
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 1-17

Valid cases: 111
 Invalid: 0
 Minimum: 1
 Maximum: 17

Firm code (fcode)

File: table5_1

Overview

Type: Discrete
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 1-17

Valid cases: 111
 Invalid: 0
 Minimum: 1
 Maximum: 17

plant id (plantid)

File: table5_1

Overview

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 1-33

Valid cases: 111
 Invalid: 0
 Minimum: 1
 Maximum: 33

Plant code (pcode)

File: table5_1

Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 1-33

Valid cases: 111
Invalid: 0
Minimum: 1
Maximum: 33

Firm code (fcode)

File: table5_2

Overview

Type: Discrete	Valid cases: 34
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 17
Range: 1-17	

Treatment (treatment)

File: table5_2

Overview

Type: Discrete	Valid cases: 34
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Total Updated (totalupdated)

File: table5_2

Overview

Type: Continuous	Valid cases: 34
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 50
Range: 0-50	

New after 2011 (newafter2011)

File: table5_2

Overview

Type: Discrete	Valid cases: 34
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

r(b_t11_exp) (b_t11_exp)

File: permutation_results_table5_cols1_2

Overview

Type: Continuous

Format: numeric

Width: 18

Decimals: 0

Range: -0.365515530109406-0.256936371326447

Valid cases: 4000

Invalid: 0

Minimum: -0.4

Maximum: 0.3

r(b_t11_lexp) (b_t11_lexp)

File: permutation_results_table5_cols1_2

Overview

Type: Continuous

Format: numeric

Width: 18

Decimals: 0

Range: -0.771589577198029-0.42699921131134

Valid cases: 4000

Invalid: 0

Minimum: -0.8

Maximum: 0.4

r(b_t_lu) (b_t_lu)
File: permutation_results_table5_col3

Overview	
Type: Continuous	Valid cases: 4000
Format: numeric	Invalid: 0
Width: 17	Minimum: -21.6
Decimals: 0	Maximum: 15.2
Range: -21.6000003814697-15.1764707565308	

r(b_logflooms) (bt_logflooms)

File: permutation_results_table5_cols4_8

Overview

Type: Continuous
 Format: numeric
 Width: 17
 Decimals: 0
 Range: -0.50920158624649-0.499289005994797

Valid cases: 4000
 Invalid: 0
 Minimum: -0.5
 Maximum: 0.5

r(b_logemp) (bt_logemp)

File: permutation_results_table5_cols4_8

Overview

Type: Continuous
 Format: numeric
 Width: 18
 Decimals: 0
 Range: -0.713832318782806-0.529684007167816

Valid cases: 4000
 Invalid: 0
 Minimum: -0.7
 Maximum: 0.5

r(b_logflooms_emp) (bt_logflooms_emp)

File: permutation_results_table5_cols4_8

Overview

Type: Continuous
 Format: numeric
 Width: 17
 Decimals: 0
 Range: -0.33505567908287-0.309851229190826

Valid cases: 4000
 Invalid: 0
 Minimum: -0.3
 Maximum: 0.3

r(b_anyconsult) (bt_anyconsult)

File: permutation_results_table5_cols4_8

Overview

Type: Continuous
 Format: numeric
 Width: 18
 Decimals: 0
 Range: -0.401660293340683-0.293103456497192

Valid cases: 4000
 Invalid: 0
 Minimum: -0.4
 Maximum: 0.3

r(b_salesmarketingscore) (bt_sales)

File: permutation_results_table5_cols4_8

Overview

Type: Continuous
 Format: numeric
 Width: 17
 Decimals: 0
 Range: -2.37356328964233-1.968710064888

Valid cases: 4000
 Invalid: 0
 Minimum: -2.4
 Maximum: 2

Question (question)

File: common

Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 1-38

Valid cases: 38
Invalid: 0
Minimum: 1
Maximum: 38

Frequency (freq)

File: common

Overview

Type: Continuous
Format: numeric
Width: 17
Decimals: 0
Range: 0-0.964285731315613

Valid cases: 38
Invalid: 0
Minimum: 0
Maximum: 1

dltfp (dltfp)

File: dtfp

Overview

Type: Continuous
Format: numeric
Width: 18
Decimals: 0
Range: -0.113001585006714-0.793784856796265

Valid cases: 20
Invalid: 0
Minimum: -0.1
Maximum: 0.8

Firm id (firmid)

File: dtfp

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-17

Valid cases: 20
Invalid: 0
Minimum: 1
Maximum: 17

Year (year)

File: india2017

Overview

Type: Discrete	Valid cases: 136
Format: numeric	Invalid: 0
Width: 4	Minimum: 2008
Decimals: 0	Maximum: 2017
Range: 2008-2017	

Is preventive maintenance carried out for the machines? (q1)

File: india2017

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is preventive maintenance carried as per manufacturer's recommendations? (q2)

File: india2017

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is the shop floor marked clearly for where each machine should be? (q3)

File: india2017

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is the shop floor clear of waste and obstacles? (q4)

File: india2017

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is machine downtime recorded? (q5)

File: india2017

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are machine downtime reasons monitored daily? (q6)

File: india2017

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is machine downtime analysed at least fortnightly & action plans created and imp (q7)

File: india2017

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Do daily meetings take place that discuss efficiency with production team? (q8)

File: india2017

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are there written procedures for warping, drawing, weaving & beam gaiting displa (q9)

File: india2017

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are there any visual aids to allow the firm to display daily efficiency loomwise (q10)

File: india2017

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 119
Invalid: 17
Minimum: 0
Maximum: 1

Are these visual aids in practice updated on a daily basis? (q11)

File: india2017

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 119
Invalid: 17
Minimum: 0
Maximum: 1

Are spares stored in a systematic basis (i.e. with labelling and demarked locati (q12)

File: india2017

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 119
Invalid: 17
Minimum: 0
Maximum: 1

Are spares purchases and consumption recorded and monitored? (q13)

File: india2017

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 119
Invalid: 17
Minimum: 0
Maximum: 1

Are scientific methods used to define inventory norms for spares? (q14)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are quality defects recorded? (q15)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are quality defects recorded defect wise? (q16)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are quality defects monitored on a daily basis? (q17)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Is there an analysis and action plan based on defects data? (q18)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Is there a fabric gradation system? (q19)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Is the gradation system well defined? (q20)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Do daily meetings take place that discuss defects and gradation?
 (q21)

File: india2017

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Is there a Standard Operating Procedure displayed for quality
 supervisors and gr (q22)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are yarn transactions (receipt, issues, returns) recorded on a daily
 basis? (q23)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 111
 Invalid: 25
 Minimum: 0
 Maximum: 1

Is the closing stock monitored at least on a weekly basis? (q24)

File: india2017

Overview

Type: Continuous	Valid cases: 111
Format: numeric	Invalid: 25
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Are scientific methods used to define inventory norms for yarn? (q25)

File: india2017

Overview

Type: Discrete	Valid cases: 101
Format: numeric	Invalid: 35
Width: 1	Minimum: 0
Decimals: 0	Maximum: 0
Range: 0-0	

Is there a process for monitoring the aging of yarn stock? (q26)

File: india2017

Overview

Type: Discrete	Valid cases: 101
Format: numeric	Invalid: 35
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a system for using and disposing of old stock? (q27)

File: india2017

Overview

Type: Discrete	Valid cases: 101
Format: numeric	Invalid: 35
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there location wise entry maintained for yarn storage? (q28)

File: india2017

Overview

Type: Discrete	Valid cases: 111
Format: numeric	Invalid: 25
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is advance loom planning done ? (q29)

File: india2017

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a regular meeting between sales and operational management? (q30)

File: india2017

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a reward system for non-managerial factory staff based on performance? (q31)

File: india2017

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a reward system for managerial factory staff based on performance? (q32)

File: india2017

Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

Is there a reward system for non-managerial factory staff based on attendance? (q33)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are top performers among factory staff publicly identified each month? (q34)
 File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are roles & responsibilities written for managers and supervisors in the factory (q35)
 File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Are customers segmented for order prioritisation? (q36)
 File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 111
 Invalid: 25
 Minimum: 0
 Maximum: 1

Is orderwise production planning undertaken (q37)
 File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 111
 Invalid: 25
 Minimum: 0
 Maximum: 1

Is historical efficiency data analysed for making business decisions regarding d (q38)

File: india2017

Overview

Type: Continuous	Valid cases: 119
Format: numeric	Invalid: 17
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

management score (management)

File: india2017

Overview

Type: Continuous	Valid cases: 119
Format: numeric	Invalid: 17
Width: 18	Minimum: 0.1
Decimals: 0	Maximum: 0.9
Range: 0.0789473684210526-0.894736842105263	

q2 reason (q1_reason)

File: india2017

Overview

Type: Discrete	Valid cases: 24
Format: character	Invalid: 0
Width: 39	

q2 category (q1_category)

File: india2017

Overview

Type: Discrete	Valid cases: 129
Format: character	Invalid: 0
Width: 18	

q3 reason (q2_reason)

File: india2017

Overview

Type: Discrete	Valid cases: 92
Format: character	Invalid: 0
Width: 59	

q3 category (q2_category)

File: india2017

Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 129
Invalid: 0

q4 reason (q3_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 84
Invalid: 0

q4 category (q3_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 129
Invalid: 0

q5 reason (q4_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 76
Invalid: 0

q5 category (q4_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 129
Invalid: 0

q6 reason (q5_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 60

Valid cases: 20
Invalid: 0

q6 category (q5_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 129
Invalid: 0

q7 reason (q6_reason)
File: india2017

Overview

Type: Discrete
Format: character
Width: 60

Valid cases: 24
Invalid: 0

q7 category (q6_category)
File: india2017

Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 129
Invalid: 0

q8 reason (q7_reason)
File: india2017

Overview

Type: Discrete
Format: character
Width: 60

Valid cases: 64
Invalid: 0

q8 category (q7_category)
File: india2017

Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 129
Invalid: 0

q9 reason (q8_reason)
File: india2017

Overview

Type: Discrete
Format: character
Width: 39

Valid cases: 56
Invalid: 0

q9 category (q8_category)
File: india2017

Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 129
Invalid: 0

q10 reason (q9_reason)
File: india2017

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 103
Invalid: 0

q10 category (q9_category)
File: india2017

Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 129
Invalid: 0

q11 reason (q10_reason)
File: india2017

Overview

Type: Discrete
Format: character
Width: 59

Valid cases: 72
Invalid: 0

q11 category (q10_category)
File: india2017

Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 129
Invalid: 0

q12 reason (q11_reason)
File: india2017

Overview

Type: Discrete
Format: character
Width: 59

Valid cases: 84
Invalid: 0

q12 category (q11_category)
File: india2017

Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 129
Invalid: 0

q13 reason (q12_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 42

Valid cases: 72
Invalid: 0

q13 category (q12_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 129
Invalid: 0

q14 reason (q13_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 40

Valid cases: 56
Invalid: 0

q14 category (q13_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 129
Invalid: 0

q15 reason (q14_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 40

Valid cases: 96
Invalid: 0

q15 category (q14_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 129
Invalid: 0

q16 reason (q15_reason)
File: india2017

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0
Invalid: 0

q16 category (q15_category)
File: india2017

Overview

Type: Discrete
Format: character
Width: 7

Valid cases: 129
Invalid: 0

q17 reason (q16_reason)
File: india2017

Overview

Type: Discrete
Format: character
Width: 39

Valid cases: 12
Invalid: 0

q17 category (q16_category)
File: india2017

Overview

Type: Discrete
Format: character
Width: 7

Valid cases: 129
Invalid: 0

q18 reason (q17_reason)
File: india2017

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 52
Invalid: 0

q18 category (q17_category)
File: india2017

Overview

Type: Discrete
Format: character
Width: 7

Valid cases: 129
Invalid: 0

q19 reason (q18_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 72
Invalid: 0

q19 category (q18_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 7

Valid cases: 129
Invalid: 0

q20 reason (q19_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 39

Valid cases: 16
Invalid: 0

q20 category (q19_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 7

Valid cases: 129
Invalid: 0

q21 reason (q20_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 56
Invalid: 0

q21 category (q20_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 7

Valid cases: 129
Invalid: 0

q22 reason (q21_reason)
File: india2017

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 84
Invalid: 0

q22 category (q21_category)
File: india2017

Overview

Type: Discrete
Format: character
Width: 7

Valid cases: 129
Invalid: 0

q23 reason (q22_reason)
File: india2017

Overview

Type: Discrete
Format: character
Width: 59

Valid cases: 103
Invalid: 0

q23 category (q22_category)
File: india2017

Overview

Type: Discrete
Format: character
Width: 7

Valid cases: 129
Invalid: 0

q24 reason (q23_reason)
File: india2017

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0
Invalid: 0

q24 category (q23_category)
File: india2017

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 129
Invalid: 0

q25 reason (q24_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 40

Valid cases: 76
Invalid: 0

q25 category (q24_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 129
Invalid: 0

q26 reason (q25_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 84
Invalid: 0

q26 category (q25_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 129
Invalid: 0

q27 reason (q26_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 36
Invalid: 0

q27 category (q26_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 129
Invalid: 0

q28 reason (q27_reason)
File: india2017

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 32
Invalid: 0

q28 category (q27_category)
File: india2017

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 129
Invalid: 0

q29 reason (q28_reason)
File: india2017

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 56
Invalid: 0

q29 category (q28_category)
File: india2017

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 129
Invalid: 0

q30 reason (q29_reason)
File: india2017

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 88
Invalid: 0

q30 category (q29_category)
File: india2017

Overview

Type: Discrete
Format: character
Width: 8

Valid cases: 129
Invalid: 0

q31 reason (q30_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 40

Valid cases: 72
Invalid: 0

q31 category (q30_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 8

Valid cases: 129
Invalid: 0

q32 reason (q31_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 40

Valid cases: 40
Invalid: 0

q32 category (q31_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 22

Valid cases: 129
Invalid: 0

q33 reason (q32_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 40

Valid cases: 84
Invalid: 0

q33 category (q32_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 22

Valid cases: 129
Invalid: 0

q34 reason (q33_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 40

Valid cases: 72
Invalid: 0

q34 category (q33_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 22

Valid cases: 129
Invalid: 0

q35 reason (q34_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 92
Invalid: 0

q35 category (q34_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 22

Valid cases: 129
Invalid: 0

q36 reason (q35_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 68
Invalid: 0

q36 category (q35_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 22

Valid cases: 129
Invalid: 0

q37 reason (q36_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 88
Invalid: 0

q37 category (q36_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 24

Valid cases: 129
Invalid: 0

q38 reason (q37_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 39

Valid cases: 12
Invalid: 0

q38 category (q37_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 24

Valid cases: 129
Invalid: 0

q39 reason (q38_reason) File: india2017

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 103
Invalid: 0

q39 category (q38_category) File: india2017

Overview

Type: Discrete
Format: character
Width: 24

Valid cases: 129
Invalid: 0

Treatment indicator (treatment)

File: india2017

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 136
Invalid: 0
Minimum: 0
Maximum: 1

Experimental plant indicator (experimental)

File: india2017

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 136
Invalid: 0
Minimum: 0
Maximum: 1

Number of computers (fcomputers)

File: india2017

Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-21

Valid cases: 129
Invalid: 7
Minimum: 0
Maximum: 21

number of directors (fdirectors)

File: india2017

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-8

Valid cases: 129
Invalid: 7
Minimum: 1
Maximum: 8

Number of employees (femployees)

File: india2017

Overview

Type: Continuous
 Format: numeric
 Width: 3
 Decimals: 0
 Range: 25-415

Valid cases: 129
 Invalid: 7
 Minimum: 25
 Maximum: 415

Sales and marketing directors (sm1)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-4

Valid cases: 64
 Invalid: 72
 Minimum: 1
 Maximum: 4

Sales and marketing time spent - total share all time (sm2)

File: india2017

Overview

Type: Continuous
 Format: numeric
 Width: 4
 Decimals: 0
 Range: 0.04-0.75

Valid cases: 64
 Invalid: 72
 Minimum: 0
 Maximum: 0.8

Trade shows (sm3)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 64
 Invalid: 72
 Minimum: 0
 Maximum: 1

How frequently analyze markets (sm4)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-2

Valid cases: 64
 Invalid: 72
 Minimum: 0
 Maximum: 2

How frequently analyze product portfolio (sm5)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-2

Valid cases: 64
 Invalid: 72
 Minimum: 0
 Maximum: 2

How frequently product pricing (sm6)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-2

Valid cases: 64
 Invalid: 72
 Minimum: 0
 Maximum: 2

Firm own brand (sm7)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 62
 Invalid: 74
 Minimum: 0
 Maximum: 1

Sales and marketing professionals (sm8)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 64
 Invalid: 72
 Minimum: 0
 Maximum: 1

Sales and marketing use social media (sm9)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 64
 Invalid: 72
 Minimum: 0
 Maximum: 1

Advertising spend (sm10)

File: india2017

Overview

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 0-10

Valid cases: 64
 Invalid: 72
 Minimum: 0
 Maximum: 10

Demand conditions (sm12)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 64
 Invalid: 72
 Minimum: 1
 Maximum: 2

Market change (industry) (sm13)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-3

Valid cases: 64
 Invalid: 72
 Minimum: 1
 Maximum: 3

Market share (firm share) (sm14)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-3

Valid cases: 64
 Invalid: 72
 Minimum: 1
 Maximum: 3

Weeks of orders domestic market (sm15)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 2-12

Valid cases: 64
 Invalid: 72
 Minimum: 2
 Maximum: 12

Weeks of orders international market (sm16)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 0-12

Valid cases: 48
 Invalid: 88
 Minimum: 0
 Maximum: 12

Location of HQ (sq13)

File: india2017

Overview

Type: Discrete
 Format: character
 Width: 7

Valid cases: 119
 Invalid: 0

HQ and Plant at the same site? (sq14)

File: india2017

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 119
 Invalid: 0

How long has your firm been in business (years) (sq16)

File: india2017

Overview

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 4-53

Valid cases: 115
 Invalid: 21
 Minimum: 4
 Maximum: 53

Annual Turnover (In Million INR) (sq17)

File: india2017

Overview

Type: Discrete
 Format: character
 Width: 8

Valid cases: 16
 Invalid: 0

How many production plants do you operate (e.g. 3) (sq18)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-5

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 5

How many plants have been closed since FY2011? (sq19)

File: india2017

Overview

Type: Discrete	Valid cases: 65
Format: numeric	Invalid: 71
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

How many new plants have been established since FY2011? (sq21)

File: india2017

Overview

Type: Discrete	Valid cases: 65
Format: numeric	Invalid: 71
Width: 1	Minimum: 0
Decimals: 0	Maximum: 2
Range: 0-2	

Are these new plants in textiles (i.e. weaving)? Or other biz. (dyeing, garmenti (sq22)

File: india2017

Overview

Type: Discrete	Valid cases: 65
Format: character	Invalid: 0
Width: 3	

Is the Director the same as 5 years ago? (Yes/ No) (sq23)

File: india2017

Overview

Type: Discrete	Valid cases: 65
Format: numeric	Invalid: 71
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	

If other reasons, pl enter free text here (sq25)

File: india2017

Overview

Type: Discrete	Valid cases: 64
Format: character	Invalid: 0
Width: 1	

How many generations of your family have been in business (1=one generation) (the (sq26))

File: india2017

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-3

Valid cases: 119
Invalid: 17
Minimum: 1
Maximum: 3

How many family members are in this business with you (sq27)

File: india2017

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-7

Valid cases: 119
Invalid: 17
Minimum: 0
Maximum: 7

Are there any more family members that could potentially join the business (sq28)

File: india2017

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-2

Valid cases: 119
Invalid: 17
Minimum: 0
Maximum: 2

How much of your production is outsourced to others (e.g. 10%) (sq29)

File: india2017

Overview

Type: Discrete
Format: character
Width: 36

Valid cases: 119
Invalid: 0

What are your textile firms' main products (i.e. 80% suitings, 20% shirtings) (sq30)

File: india2017

Overview

Type: Discrete
Format: character
Width: 87

Valid cases: 119
Invalid: 0

What % of output is direct exports ? (e.g. 10%) (sq31)

File: india2017

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 119
Invalid: 0

What are the major export markets ? (e.g. Middle East, Africa, USA)
(sq32)

File: india2017

Overview

Type: Discrete
Format: character
Width: 65

Valid cases: 118
Invalid: 0

Number of looms (sum of all types; e.g. 50 (25 Dornier+25 Jacquard))
(sq35)

File: india2017

Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-145

Valid cases: 119
Invalid: 17
Minimum: 0
Maximum: 145

Production (Fabric meters or picks) (sq36)

File: india2017

Overview

Type: Continuous
Format: numeric
Width: 8
Decimals: 0
Range: 0-20409408

Valid cases: 114
Invalid: 22
Minimum: 0
Maximum: 20409408

Production (Normalized) (sq37)

File: india2017

Overview

Type: Discrete
Format: character
Width: 17

Valid cases: 115
Invalid: 0

Relation of the Plant Manager with the Director (sq39)

File: india2017

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 119
 Invalid: 0

Factory Manager tenure (sq40)

File: india2017

Overview

Type: Continuous
 Format: numeric
 Width: 3
 Decimals: 0
 Range: 0.1-30

Valid cases: 101
 Invalid: 35
 Minimum: 0.1
 Maximum: 30

Employees (number) (Permanent + Contract) (sq41)

File: india2017

Overview

Type: Continuous
 Format: numeric
 Width: 3
 Decimals: 0
 Range: 0-290

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 290

No. of Plants (sq42)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-5

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 5

Computerization (sq44)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 136

How many computers does the firm have at the factory? (sq45)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 0-20

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 20

How many people are direct users of the computers in factory? (sq46)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 0-20

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 20

Does the plant manager use e-mail? (sq47)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Linked ERP System (sq48)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 119
 Invalid: 17
 Minimum: 0
 Maximum: 1

Decentralization (sq49)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 136

What authority does the plant manager(or other managers) have to hire a Weaver ((sq50)

File: india2017

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 119
Invalid: 0

What authority does the plant manager (or other managers) have to hire a junior (sq51)

File: india2017

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 119
Invalid: 0

What authority does the plant manager (or other managers) have to purchase spare (sq52)

File: india2017

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 119
Invalid: 0

Number of days the director visits the factory (this plant) every week (sq53)

File: india2017

Overview

Type: Discrete
Format: character
Width: 17

Valid cases: 119
Invalid: 0

Do you know any of the Directors of other firms in the study? (sq55)

File: india2017

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 65
Invalid: 0

Have you discussed management practices with any of them? (sq57)

File: india2017

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 65
Invalid: 0

Have you visited any of their plants? (sq58)

File: india2017

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 65
Invalid: 0

Have you changed any of your management practices as a result of these discussio (sq59)

File: india2017

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 65
Invalid: 0

Have any other members of your firm (e.g. plants managers) learned from other fi (sq60)

File: india2017

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 65
Invalid: 0

Did this learning lead you to adopt new management practices? (sq61)

File: india2017

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 65
Invalid: 0

Have you hired consultants since 2011? (yes/no) (sq62)

File: india2017

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 65
Invalid: 0

Approximately how many days of consultant time have you had in your plant since (sq64)

File: india2017

Overview

Type: Discrete
Format: character
Width: 4

Valid cases: 63
Invalid: 0

Length of interview (minutes) (sq67)

File: india2017

Overview

Type: Discrete
Format: character
Width: 7

Valid cases: 88
Invalid: 0

Interview reliability (1=very unreliable with doubts over 50% of information, 10 (sq68)

File: india2017

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 10-10

Valid cases: 88
Invalid: 48
Minimum: 10
Maximum: 10

Any other observations (free text) (sq69)

File: india2017

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 88
Invalid: 0

Approximate age of the Director (years) (sq70)

File: india2017

Overview

Type: Discrete
Format: character
Width: 22

Valid cases: 71
Invalid: 0

Estimated education of the Director (School, BA, MBA, Masters, other) (sq71)

File: india2017

Overview

Type: Discrete
Format: character
Width: 30

Valid cases: 86
Invalid: 0

Language of the interview (sq72)

File: india2017

Overview

Type: Discrete
 Format: character
 Width: 14

Valid cases: 88
 Invalid: 0

Balanced panel or not (noj)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-4

Valid cases: 136
 Invalid: 0
 Minimum: 0
 Maximum: 4

Plant id (plantid)

File: india2017

Overview

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 1-34

Valid cases: 136
 Invalid: 0
 Minimum: 1
 Maximum: 34

Firm id (firmid)

File: india2017

Overview

Type: Discrete
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 1-17

Valid cases: 136
 Invalid: 0
 Minimum: 1
 Maximum: 17

treatment m_management (m_managementtreatment)

File: management2011

Overview

Type: Continuous	Valid cases: 28
Format: numeric	Invalid: 0
Width: 17	Minimum: 0.3
Decimals: 0	Maximum: 0.6
Range: 0.255848914384842-0.622917234897614	

control m_management (m_managementcontrol)

File: management2011

Overview

Type: Continuous	Valid cases: 28
Format: numeric	Invalid: 0
Width: 17	Minimum: 0.3
Decimals: 0	Maximum: 0.4
Range: 0.284085214138031-0.449310779571533	

non_treatment m_management (m_managementnon_treatment)

File: management2011

Overview

Type: Continuous	Valid cases: 28
Format: numeric	Invalid: 0
Width: 17	Minimum: 0.3
Decimals: 0	Maximum: 0.5
Range: 0.261184215545654-0.470394730567932	

Months after the diagnostic phase (timing)

File: management2011

Overview

Type: Continuous	Valid cases: 28
Format: numeric	Invalid: 0
Width: 3	Minimum: -14
Decimals: 0	Maximum: 40
Range: -14-40	

non_control m_management (m_managementnon_control)

File: management2011

Overview

Type: Continuous	Valid cases: 28
Format: numeric	Invalid: 0
Width: 17	Minimum: 0.3
Decimals: 0	Maximum: 0.3
Range: 0.278696745634079-0.332832098007202	

dltfp (dltfp)

File: question

Overview

Type: Continuous
 Format: numeric
 Width: 18
 Decimals: 0
 Range: -0.113001585006714-0.793784856796265

Valid cases: 4522
 Invalid: 0
 Minimum: -0.1
 Maximum: 0.8

Year (year)

File: question

Overview

Type: Discrete
 Format: numeric
 Width: 4
 Decimals: 0
 Range: 2008-2017

Valid cases: 4522
 Invalid: 0
 Minimum: 2008
 Maximum: 2017

Question (question)

File: question

Overview

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 1-38

Valid cases: 4522
 Invalid: 0
 Minimum: 1
 Maximum: 38

Adopt (adopt)

File: question

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 4428
 Invalid: 94
 Minimum: 0
 Maximum: 1

management score (management)

File: question

Overview

Type: Continuous
 Format: numeric
 Width: 18
 Decimals: 0
 Range: 0.0789473684210526-0.894736842105263

Valid cases: 4522
 Invalid: 0
 Minimum: 0.1
 Maximum: 0.9

Reason (reason)

File: question

Overview

Type: Discrete
Format: character
Width: 60

Valid cases: 2321
Invalid: 0

Treatment indicator (treatment)

File: question

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 4522
Invalid: 0
Minimum: 0
Maximum: 1

Experimental indicator (experimental)

File: question

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 4522
Invalid: 0
Minimum: 0
Maximum: 1

Is the Director the same as 5 years ago? (Yes/ No) (sq23)

File: question

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 2204
Invalid: 2318
Minimum: 0
Maximum: 1

Factory Manager tenure (sq40)

File: question

Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0.1-30

Valid cases: 3724
Invalid: 798
Minimum: 0.1
Maximum: 30

Balanced panel indicator (noj)

File: question

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 2-4

Valid cases: 4522
 Invalid: 0
 Minimum: 2
 Maximum: 4

Common (common)

File: question

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 4522
 Invalid: 0
 Minimum: 0
 Maximum: 1

Uncommon (uncommon)

File: question

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 4522
 Invalid: 0
 Minimum: 0
 Maximum: 1

Frequency of adoption in 2008 (pre intervention) (freq)

File: question

Overview

Type: Continuous
 Format: numeric
 Width: 17
 Decimals: 0
 Range: 0-0.964285731315613

Valid cases: 4522
 Invalid: 0
 Minimum: 0
 Maximum: 1

group(plant question) (group)

File: question

Overview

Type: Continuous
 Format: numeric
 Width: 4
 Decimals: 0
 Range: 1-1254

Valid cases: 4522
 Invalid: 0
 Minimum: 1
 Maximum: 1254

Net change in practice adoption (dq)

File: question

Overview

Type: Discrete
 Format: numeric
 Width: 2
 Decimals: 0
 Range: -1-1

Valid cases: 1970
 Invalid: 2552
 Minimum: -1
 Maximum: 1

Change in management (dman)

File: question

Overview

Type: Continuous
 Format: numeric
 Width: 18
 Decimals: 0
 Range: -0.434210538864136-0.5

Valid cases: 2014
 Invalid: 2508
 Minimum: -0.4
 Maximum: 0.5

New plant manager (newpm)

File: question

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 4522
 Invalid: 0
 Minimum: 0
 Maximum: 1

tag(plant year) (tag)

File: question

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 4522
 Invalid: 0
 Minimum: 0
 Maximum: 1

New plant manager in treatment plant (newpm_treat)

File: question

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 4522
 Invalid: 0
 Minimum: 0
 Maximum: 1

New plant manager in control plant (newpm_control)

File: question

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 4522
 Invalid: 0
 Minimum: 0
 Maximum: 1

tag(plant year) (pytag)

File: question

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 4522
 Invalid: 0
 Minimum: 0
 Maximum: 1

2011 Management score (management2011)

File: question

Overview

Type: Continuous
 Format: numeric
 Width: 16
 Decimals: 0
 Range: 0-0.89473682641983

Valid cases: 4522
 Invalid: 0
 Minimum: 0
 Maximum: 0.9

plantid (plantid)

File: question

Overview

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 1-33

Valid cases: 4522
 Invalid: 0
 Minimum: 1
 Maximum: 33

Firm id (firmid)

File: question

Overview

Type: Discrete
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 1-17

Valid cases: 4522
 Invalid: 0
 Minimum: 1
 Maximum: 17

dltfp (dltfp)

File: temp

Overview

Type: Continuous
 Format: numeric
 Width: 18
 Decimals: 0
 Range: -0.113001585006714-0.793784856796265

Valid cases: 4522
 Invalid: 0
 Minimum: -0.1
 Maximum: 0.8

Year (year)

File: temp

Overview

Type: Discrete
 Format: numeric
 Width: 4
 Decimals: 0
 Range: 2008-2017

Valid cases: 4522
 Invalid: 0
 Minimum: 2008
 Maximum: 2017

Question (question)

File: temp

Overview

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 1-38

Valid cases: 4522
 Invalid: 0
 Minimum: 1
 Maximum: 38

Adopt (adopt)

File: temp

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 4428
 Invalid: 94
 Minimum: 0
 Maximum: 1

management score (management)

File: temp

Overview

Type: Continuous
 Format: numeric
 Width: 18
 Decimals: 0
 Range: 0.0789473684210526-0.894736842105263

Valid cases: 4522
 Invalid: 0
 Minimum: 0.1
 Maximum: 0.9

Reason (reason)

File: temp

Overview

Type: Discrete
 Format: character
 Width: 60

Valid cases: 2321
 Invalid: 0

Treatment indicator (treatment)

File: temp

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 4522
 Invalid: 0
 Minimum: 0
 Maximum: 1

Experimental indicator (experimental)

File: temp

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 4522
 Invalid: 0
 Minimum: 0
 Maximum: 1

Is the Director the same as 5 years ago? (Yes/ No) (sq23)

File: temp

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 2204
 Invalid: 2318
 Minimum: 0
 Maximum: 1

Factory Manager tenure (sq40)

File: temp

Overview

Type: Continuous
 Format: numeric
 Width: 3
 Decimals: 0
 Range: 0.1-30

Valid cases: 3724
 Invalid: 798
 Minimum: 0.1
 Maximum: 30

Balanced panel indicator (noj)

File: temp

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 2-4

Valid cases: 4522
 Invalid: 0
 Minimum: 2
 Maximum: 4

Common (common)

File: temp

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 4522
 Invalid: 0
 Minimum: 0
 Maximum: 1

Uncommon (uncommon)

File: temp

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 4522
 Invalid: 0
 Minimum: 0
 Maximum: 1

Frequency (freq)

File: temp

Overview

Type: Continuous
 Format: numeric
 Width: 17
 Decimals: 0
 Range: 0-0.964285731315613

Valid cases: 4522
 Invalid: 0
 Minimum: 0
 Maximum: 1

plantid (plantid)

File: temp

Overview

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 1-33

Valid cases: 4522
 Invalid: 0
 Minimum: 1
 Maximum: 33

Firm id (firmid)

File: temp

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-17

Valid cases: 4522
Invalid: 0
Minimum: 1
Maximum: 17

Documentation

Questionnaires

Survey Questionnaire

Title	Survey Questionnaire
Country	India
Language	English
Filename	Questionnaire_IndiaManagement.xlsx

Technical documents

Stata Programs

Title	Stata Programs
Country	India
Language	English
	table5: table5.do; permute_table5_cols4_8.ado; permute_table5_cols1_2.ado; permute_table5_col3.ado
	table4: table4.do
	table3: table3.do
	table2: table2.do; permute_table2.ado
Table of contents	figures: figures.do
	appendix: tablea4.do; tablea3.do; tablea1.do; figurea1.do; readme.txt; onlineappendix.do
	readme.txt
	createdata.do
	alltables.do
Filename	StataPrograms.zip
