

51 Respondents Analysis

Kruskal-Wallis Test: PMs implementation versus Size of Company

Kruskal-Wallis Test on PMs implementation

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	24,4	-1,39
>500 employees	3	5,000	35,8	1,18
200-500 employees	9	3,000	29,7	0,82
Overall	51		26,0	

H = 2,31 DF = 2 P = 0,315

H = 2,70 DF = 2 P = 0,259 (adjusted for ties)

Kruskal-Wallis Test: PMs implementation versus Role

Kruskal-Wallis Test on PMs implementation

Role	N	Median	Ave Rank	Z
Designer	3	3,000	16,8	-1,10
Technician	12	3,000	26,1	0,03
Manager	36	3,000	26,7	0,54
Overall	51		26,0	

H = 1,23 DF = 2 P = 0,542

H = 1,43 DF = 2 P = 0,488 (adjusted for ties)

Kruskal-Wallis Test: ICT management tasks versus Size of Company

Kruskal-Wallis Test on ICT management tasks

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	2,000	25,1	-0,82
>500 employees	3	2,000	27,0	0,12
200-500 employees	9	3,000	29,8	0,84
Overall	51		26,0	

H = 0,75 DF = 2 P = 0,686

H = 0,81 DF = 2 P = 0,668 (adjusted for ties)

Kruskal-Wallis Test: Logistics tasks versus Size of Company

Kruskal-Wallis Test on Logistics tasks

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	24,6	-1,21
>500 employees	3	3,000	35,0	1,08
200-500 employees	9	3,000	29,1	0,68
Overall	51		26,0	

H = 1,82 DF = 2 P = 0,402

H = 2,11 DF = 2 P = 0,348 (adjusted for ties)

Kruskal-Wallis Test: Purchasing Procedures versus Size of Company

Kruskal-Wallis Test on Purchasing Procedures

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	24,7	-1,17
>500 employees	3	5,000	37,5	1,38
200-500 employees	9	3,000	28,0	0,44
Overall	51		26,0	

H = 2,28 DF = 2 P = 0,320

H = 2,53 DF = 2 P = 0,282 (adjusted for ties)

Kruskal-Wallis Test: HR management tasks versus Size of Company

Kruskal-Wallis Test on HR management tasks

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	2,000	26,5	0,44
>500 employees	3	2,000	28,8	0,34
200-500 employees	9	2,000	22,8	-0,70
Overall	51		26,0	

H = 0,56 DF = 2 P = 0,754

H = 0,61 DF = 2 P = 0,737 (adjusted for ties)

Kruskal-Wallis Test: Process Management tasks versus Size of Company

Kruskal-Wallis Test on Process Management tasks

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	24,2	-1,58
>500 employees	3	5,000	40,2	1,70
200-500 employees	9	4,000	29,2	0,70
Overall	51		26,0	

H = 3,72 DF = 2 P = 0,156

H = 4,16 DF = 2 P = 0,125 (adjusted for ties)

* NOTE * One or more small samples

Kruskal-Wallis Test: Sales Functions versus Size of Company

Kruskal-Wallis Test on Sales Functions

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	24,2	-1,53
>500 employees	3	5,000	41,8	1,90
200-500 employees	9	3,000	28,4	0,53
Overall	51		26,0	

H = 4,19 DF = 2 P = 0,123

H = 4,61 DF = 2 P = 0,100 (adjusted for ties)

Kruskal-Wallis Test: Quality tasks versus Size of Company

Kruskal-Wallis Test on Quality tasks

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	24,1	-1,61
>500 employees	3	5,000	40,0	1,68
200-500 employees	9	3,000	29,4	0,75
Overall	51		26,0	

H = 3,74 DF = 2 P = 0,154

H = 4,12 DF = 2 P = 0,127 (adjusted for ties)

Kruskal-Wallis Test: Engineering & Design versus Size of Company

Kruskal-Wallis Test on Technician & Design functions

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	24,7	-1,14
>500 employees	3	5,000	40,8	1,78
200-500 employees	9	3,000	26,8	0,17
Overall	51		26,0	

H = 3,32 DF = 2 P = 0,190

H = 3,52 DF = 2 P = 0,172 (adjusted for ties)

Kruskal-Wallis Test: Research & Development versus Size of Company

Kruskal-Wallis Test on Research & Development function

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	25,0	-0,84
>500 employees	3	5,000	37,2	1,34
200-500 employees	9	3,000	26,5	0,11
Overall	51		26,0	

H = 1,87 DF = 2 P = 0,393

H = 1,96 DF = 2 P = 0,375 (adjusted for ties)

Kruskal-Wallis Test: ICT management tasks versus Role

Kruskal-Wallis Test on ICT management tasks

Role	N	Median	Ave Rank	Z
Designer	3	3,000	25,8	-0,02
Manager	36	3,000	26,8	0,61
Technician	12	2,000	23,6	-0,64
Overall	51		26,0	

H = 0,43 DF = 2 P = 0,808

H = 0,46 DF = 2 P = 0,796 (adjusted for ties)

* NOTE * One or more small samples

Kruskal-Wallis Test: Logistics tasks versus Role

Kruskal-Wallis Test on Logistics tasks

Role	N	Median	Ave Rank	Z
Designer	3	3,000	33,0	0,84
Manager	36	3,000	25,7	-0,21
Technician	12	3,000	25,1	-0,24
Overall	51		26,0	

H = 0,72 DF = 2 P = 0,697

H = 0,84 DF = 2 P = 0,658 (adjusted for ties)

* NOTE * One or more small samples

Kruskal-Wallis Test: Purchasing Procedures versus Role

Kruskal-Wallis Test on Purchasing Procedures

Role	N	Median	Ave Rank	Z
Designer	3	3,000	26,5	0,06
Manager	36	3,000	24,9	-0,79
Technician	12	3,000	29,0	0,81
Overall	51		26,0	

H = 0,69 DF = 2 P = 0,709

H = 0,76 DF = 2 P = 0,683 (adjusted for ties)

* NOTE * One or more small samples

Kruskal-Wallis Test: HR management tasks versus Role

Kruskal-Wallis Test on HR management tasks

Role	N	Median	Ave Rank	Z
Designer	3	3,000	28,3	0,28
Manager	36	2,000	25,3	-0,49
Technician	12	2,500	27,4	0,37
Overall	51		26,0	

H = 0,25 DF = 2 P = 0,884

H = 0,27 DF = 2 P = 0,875 (adjusted for ties)

* NOTE * One or more small samples

Kruskal-Wallis Test: Process Management tasks versus Role

Kruskal-Wallis Test on Process Management tasks

Role	N	Median	Ave Rank	Z
Designer	3	3,000	20,5	-0,66
Manager	36	4,000	27,9	1,41
Technician	12	3,000	21,7	-1,14
Overall	51		26,0	

H = 1,99 DF = 2 P = 0,369

H = 2,23 DF = 2 P = 0,328 (adjusted for ties)

* NOTE * One or more small samples

Kruskal-Wallis Test: Sales Functions versus Role

Kruskal-Wallis Test on Sales Functions

Role	N	Median	Ave Rank	Z
Designer	3	3,000	24,5	-0,18
Manager	36	3,000	27,1	0,83
Technician	12	3,000	23,0	-0,79
Overall	51		26,0	

H = 0,71 DF = 2 P = 0,702

H = 0,78 DF = 2 P = 0,678 (adjusted for ties)

* NOTE * One or more small samples

Kruskal-Wallis Test: Quality tasks versus Role

Kruskal-Wallis Test on Quality tasks

Role	N	Median	Ave Rank	Z
Designer	3	3,000	27,8	0,22
Manager	36	3,000	27,0	0,74
Technician	12	3,000	22,5	-0,92
Overall	51		26,0	

H = 0,86 DF = 2 P = 0,651

H = 0,95 DF = 2 P = 0,623 (adjusted for ties)

* NOTE * One or more small samples

Kruskal-Wallis Test: Engineering & Design functions versus Role

Kruskal-Wallis Test on Engineering & Design functions

Role	N	Median	Ave Rank	Z
Designer	3	3,000	20,3	-0,68
Manager	36	3,500	27,5	1,13
Technician	12	3,000	22,9	-0,83
Overall	51		26,0	

H = 1,34 DF = 2 P = 0,512

H = 1,42 DF = 2 P = 0,491 (adjusted for ties)

* NOTE * One or more small samples

Kruskal-Wallis Test: Research & Development function versus Role

Kruskal-Wallis Test on Research & Development function

Role	N	Median	Ave Rank	Z
Designer	3	3,000	22,2	-0,46
Manager	36	3,000	27,0	0,78
Technician	12	3,000	23,8	-0,58
Overall	51		26,0	

H = 0,63 DF = 2 P = 0,729

H = 0,66 DF = 2 P = 0,718 (adjusted for ties)

* NOTE * One or more small samples

Kruskal-Wallis Test: PMOs size versus Size of Company

Kruskal-Wallis Test on PMOs size

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	0,000000000	24,9	-0,92
>500 employees	3	3,000000000	42,8	2,02
200-500 employees	9	0,000000000	25,0	-0,22
Overall	51		26,0	

H = 4,09 DF = 2 P = 0,130

H = 5,47 DF = 2 P = 0,065 (adjusted for ties)

Kruskal-Wallis Test: PMOs size versus Role

~~Kruskal Wallis Test on PMOs size~~

Role	N	Median	Ave Rank	Z
Designer	3	0,000000000	16,5	-1,14
Technician	12	2,000000000	35,2	2,45
Manager	36	0,000000000	23,7	-1,70
Overall	51		26,0	

~~H = 6,67 DF = 2 P = 0,036~~

~~H = 8,93 DF = 2 P = 0,012 (adjusted for ties)~~

Kruskal-Wallis Test: Pm current certifications versus Size of Company

Kruskal-Wallis Test on Pm current certifications

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	2,000	22,7	-2,86
>500 employees	3	4,000	41,3	1,84
200-500 employees	9	3,000	35,2	2,05
Overall	51		26,0	

H = 8,59 DF = 2 P = 0,014

H = 9,47 DF = 2 P = 0,009 (adjusted for ties)

Kruskal-Wallis Test: PM current certifications versus Size of Company

Kruskal-Wallis Test on PM current certifications

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	2,000	22,7	-2,86
> 200 employees	12	3,000	36,8	2,86
Overall	51		26,0	

H = 8,21 DF = 1 P = 0,004

H = 9,05 DF = 1 P = 0,003 (adjusted for ties)

Kruskal-Wallis Test: Pm current certifications versus Role

Kruskal-Wallis Test on Pm certifications

Role	N	Median	Ave Rank	Z
Designer	3	3,000	30,2	0,50
Technician	12	1,500	21,7	-1,15
Manager	36	2,000	27,1	0,82
Overall	51		26,0	

H = 1,45 DF = 2 P = 0,484

H = 1,60 DF = 2 P = 0,449 (adjusted for ties)

Kruskal-Wallis Test: PM for CPS versus Size of Company

Kruskal-Wallis Test on PM for CPS

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	25,8	-0,13
>500 employees	3	3,000	30,5	0,54
200-500 employees	9	3,000	25,2	-0,19
Overall	51		26,0	

H = 0,31 DF = 2 P = 0,858

H = 0,60 DF = 2 P = 0,741 (adjusted for ties)

Kruskal-Wallis Test: PM for CPS versus Role

Kruskal-Wallis Test on PM for CPS

Role	N	Median	Ave Rank	Z
Designer	3	3,000	22,5	-0,42
Technician	12	3,000	28,9	0,77
Manager	36	3,000	25,3	-0,50
Overall	51		26,0	

H = 0,69 DF = 2 P = 0,709

H = 1,34 DF = 2 P = 0,512 (adjusted for ties)

Kruskal-Wallis Test: PM for WCM versus Size of Company

Kruskal-Wallis Test on PM for WCM

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	23,5	-2,18
>500 employees	3	4,000	38,0	1,44
200-500 employees	9	4,000	32,9	1,53
Overall	51		26,0	

H = 5,00 DF = 2 P = 0,082

H = 6,25 DF = 2 P = 0,044 (adjusted for ties)

Kruskal-Wallis Test: PM for WCM versus Size of Company

Kruskal-Wallis Test on PM for WCM

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	23,5	-2,18
> 200 employees	12	4,000	34,2	2,18
Overall	51		26,0	

H = 4,74 DF = 1 P = 0,030

H = 5,92 DF = 1 P = 0,015 (adjusted for ties)

Kruskal-Wallis Test: PM for WCM versus Role

Kruskal-Wallis Test on PM for WCM

Role	N	Median	Ave Rank	Z
Designer	3	3,000	15,0	-1,32
Technician	12	3,000	23,6	-0,63
Manager	36	4,000	27,7	1,27
Overall	51		26,0	

H = 2,42 DF = 2 P = 0,298

H = 3,03 DF = 2 P = 0,220 (adjusted for ties)

Kruskal-Wallis Test: PM for Platform Management versus Size of Company

Kruskal-Wallis Test on PM for Platform Management

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	24,5	-1,33
>500 employees	3	4,000	43,5	2,10
200-500 employees	9	3,000	26,8	0,19
Overall	51		26,0	

H = 4,60 DF = 2 P = 0,100

H = 5,94 DF = 2 P = 0,051 (adjusted for ties)

Kruskal-Wallis Test: PM for Platform Management versus Role

Kruskal-Wallis Test on PM for Platform Management

Role	N	Median	Ave Rank	Z
Designer	3	3,000	18,5	-0,90
Technician	12	3,000	27,3	0,36
Manager	36	3,000	26,2	0,13
Overall	51		26,0	

H = 0,87 DF = 2 P = 0,649

H = 1,12 DF = 2 P = 0,572 (adjusted for ties)

Kruskal-Wallis Test: PM for SE versus Size of Company

Kruskal-Wallis Test on PM for SE

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	25,4	-0,48
>500 employees	3	4,000	34,8	1,06
200-500 employees	9	3,000	25,4	-0,12
Overall	51		26,0	

H = 1,13 DF = 2 P = 0,570

H = 1,63 DF = 2 P = 0,443 (adjusted for ties)

Kruskal-Wallis Test: PM for SE versus Role

Kruskal-Wallis Test on PM for SE

Role	N	Median	Ave Rank	Z
Designer	3	3,000	19,5	-0,78
Technician	12	3,000	29,7	0,99
Manager	36	3,000	25,3	-0,52
Overall	51		26,0	

H = 1,40 DF = 2 P = 0,497

H = 2,03 DF = 2 P = 0,363 (adjusted for ties)

Kruskal-Wallis Test: PM for ISO/TS16949 versus Role

Kruskal-Wallis Test on PM for ISO/TS16949

Role	N	Median	Ave Rank	Z
Designer	3	3,000	18,5	-0,90
Technician	12	3,000	27,0	0,28
Manager	36	3,000	26,3	0,21
Overall	51		26,0	

H = 0,84 DF = 2 P = 0,659

H = 1,15 DF = 2 P = 0,563 (adjusted for ties)

Kruskal-Wallis Test: PM for ISO/TS16949 versus Size of Company

Kruskal-Wallis Test on PM for ISO/TS16949

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	24,1	-1,65
>500 employees	3	4,000	42,0	1,92
200-500 employees	9	3,000	28,9	0,65
Overall	51		26,0	

H = 4,47 DF = 2 P = 0,107

H = 6,15 DF = 2 P = 0,046 (adjusted for ties)

Kruskal-Wallis Test: PM for ISO/TS16949 versus Size of Company

Kruskal-Wallis Test on PM for ISO/TS16949

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	4,000	23,8	-1,91
> 200 employees	12	4,000	33,2	1,91
Overall	51		26,0	

H = 3,65 DF = 1 P = 0,056

H = 4,31 DF = 1 P = 0,038 (adjusted for ties)

Kruskal-Wallis Test: PM for TQM/QFD versus Size of Company

Kruskal-Wallis Test on PM for TQM/QFD

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	24,1	-1,65
>500 employees	3	4,000	42,0	1,92
200-500 employees	9	3,000	28,9	0,65
Overall	51		26,0	

H = 4,47 DF = 2 P = 0,107

H = 6,15 DF = 2 P = 0,046 (adjusted for ties)

Kruskal-Wallis Test: Project Management for TQM versus Size of Company

Kruskal-Wallis Test on Project Management for TQM/QFD

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	24,1	-1,65
> 200 employees	12	4,000	32,2	1,65
Overall	51		26,0	

H = 2,74 DF = 1 P = 0,098

H = 3,76 DF = 1 P = 0,052 (adjusted for ties)

Kruskal-Wallis Test: PM for TQM/QFD versus Role

Kruskal-Wallis Test on PM for TQM/QFD

Role	N	Median	Ave Rank	Z
Designer	3	3,000	18,5	-0,90
Technician	12	3,000	27,0	0,28
Manager	36	3,000	26,3	0,21
Overall	51		26,0	

H = 0,84 DF = 2 P = 0,659

H = 1,15 DF = 2 P = 0,563 (adjusted for ties)

Kruskal-Wallis Test: Time to Market versus Role

Kruskal-Wallis Test on Time to Market

Role	N	Median	Ave Rank	Z
Designer	3	3,000	12,5	-1,62
Technician	12	3,000	23,8	-0,60
Manager	36	4,000	27,9	1,40
Overall	51		26,0	

H = 3,32 DF = 2 P = 0,190

H = 3,91 DF = 2 P = 0,142 (adjusted for ties)

Kruskal-Wallis Test: Time to Market versus Size of Company

Kruskal-Wallis Test on Time to Market

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	4,000	24,0	-1,73
>500 employees	3	4,000	38,5	1,50
200-500 employees	9	4,000	30,5	1,00
Overall	51		26,0	

H = 3,65 DF = 2 P = 0,161

H = 4,29 DF = 2 P = 0,117 (adjusted for ties)

Kruskal-Wallis Test: Budgeting Performance versus Size of Company

Kruskal-Wallis Test on Budgeting Performance

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	4,000	24,6	-1,18
>500 employees	3	4,000	36,7	1,28
200-500 employees	9	4,000	28,3	0,52
Overall	51		26,0	

H = 2,09 DF = 2 P = 0,351

H = 2,52 DF = 2 P = 0,283 (adjusted for ties)

Kruskal-Wallis Test: Budgeting Performance versus Role

Kruskal-Wallis Test on Budgeting Performance

Role	N	Median	Ave Rank	Z
Designer	3	3,000	17,3	-1,04
Technician	12	4,000	25,6	-0,11
Manager	36	4,000	26,9	0,64
Overall	51		26,0	

H = 1,15 DF = 2 P = 0,563

H = 1,39 DF = 2 P = 0,500 (adjusted for ties)

Kruskal-Wallis Test: Product Quality versus Role

Kruskal-Wallis Test on Product Quality

Role	N	Median	Ave Rank	Z
Designer	3	3,000	10,5	-1,86
Technician	12	4,000	29,1	0,82
Manager	36	4,000	26,3	0,20
Overall	51		26,0	

H = 3,79 DF = 2 P = 0,150

H = 4,66 DF = 2 P = 0,097 (adjusted for ties)

Kruskal-Wallis Test: Product Quality versus Size of Company

Kruskal-Wallis Test on Product Quality

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	4,000	24,1	-1,67
>500 employees	3	4,000	37,2	1,34
200-500 employees	9	4,000	30,6	1,03
Overall	51		26,0	

H = 3,21 DF = 2 P = 0,201

H = 3,95 DF = 2 P = 0,139 (adjusted for ties)

Kruskal-Wallis Test: Firm reputation versus Size of Company

Kruskal-Wallis Test on Firm reputation

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	4,000	24,3	-1,49
>500 employees	3	4,000	36,0	1,20
200-500 employees	9	4,000	30,1	0,91
Overall	51		26,0	

H = 2,57 DF = 2 P = 0,277

H = 3,18 DF = 2 P = 0,204 (adjusted for ties)

Kruskal-Wallis Test: Firm reputation versus Role

Kruskal-Wallis Test on Firm reputation

Role	N	Median	Ave Rank	Z
Designer	3	3,000	13,5	-1,50
Technician	12	4,000	28,5	0,67
Manager	36	4,000	26,2	0,16
Overall	51		26,0	

H = 2,47 DF = 2 P = 0,291

H = 3,05 DF = 2 P = 0,217 (adjusted for ties)

Kruskal-Wallis Test: Competitive Edge versus Role

Kruskal-Wallis Test on Competitive Edge

Role	N	Median	Ave Rank	Z
Designer	3	3,000	10,5	-1,86
Technician	12	4,000	28,8	0,74
Manager	36	4,000	26,4	0,27
Overall	51		26,0	

H = 3,71 DF = 2 P = 0,157

H = 4,91 DF = 2 P = 0,086 (adjusted for ties)

Kruskal-Wallis Test: Competitive Edge versus Size of Company

Kruskal-Wallis Test on Competitive Edge

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	4,000	24,6	-1,24
>500 employees	3	4,000	33,0	0,84
200-500 employees	9	4,000	29,9	0,86
Overall	51		26,0	

H = 1,64 DF = 2 P = 0,439

H = 2,18 DF = 2 P = 0,336 (adjusted for ties)

Kruskal-Wallis Test: Human Resource versus Role

Kruskal-Wallis Test on Human Resource

Role	N	Median	Ave Rank	Z
Designer	3	3,000	10,5	-1,86
Technician	12	4,000	28,8	0,74
Manager	36	4,000	26,4	0,27
Overall	51		26,0	

H = 3,71 DF = 2 P = 0,157

H = 4,91 DF = 2 P = 0,086 (adjusted for ties)

Kruskal-Wallis Test: Human Resource versus Size of Company

Kruskal-Wallis Test on Human Resource

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	4,000	24,6	-1,24
>500 employees	3	4,000	33,0	0,84
200-500 employees	9	4,000	29,9	0,86
Overall	51		26,0	

H = 1,64 DF = 2 P = 0,439

H = 2,18 DF = 2 P = 0,336 (adjusted for ties)

Kruskal-Wallis Test: PM Future Implementation versus Size of Company

Kruskal-Wallis Test on PM Future Implementation

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	4,000	24,8	-1,04
>500 employees	3	4,000	36,0	1,20
200-500 employees	9	4,000	27,9	0,42
Overall	51		26,0	

H = 1,76 DF = 2 P = 0,415

H = 2,05 DF = 2 P = 0,360 (adjusted for ties)

Kruskal-Wallis Test: PM Future Implementation versus Role

Kruskal-Wallis Test on PM Future Implementation

Role	N	Median	Ave Rank	Z
Designer	3	3,000	10,5	-1,86
Technician	12	3,500	26,0	0,00
Manager	36	4,000	27,3	0,96
Overall	51		26,0	

H = 3,53 DF = 2 P = 0,171

H = 4,11 DF = 2 P = 0,128 (adjusted for ties)

Kruskal-Wallis Test: Lean Future Implementation versus Role

Kruskal-Wallis Test on Lean Future Implementation

Role	N	Median	Ave Rank	Z
Designer	3	3,000	15,5	-1,26
Technician	12	3,000	25,2	-0,22
Manager	36	4,000	27,2	0,86
Overall	51		26,0	

H = 1,75 DF = 2 P = 0,417

H = 2,06 DF = 2 P = 0,357 (adjusted for ties)

Kruskal-Wallis Test: Lean Future Implementation versus Size of Company

Kruskal-Wallis Test on Lean Future Implementation

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	24,5	-1,27
>500 employees	3	4,000	33,5	0,90
200-500 employees	9	4,000	29,8	0,85
Overall	51		26,0	

H = 1,74 DF = 2 P = 0,419

H = 2,04 DF = 2 P = 0,360 (adjusted for ties)

Kruskal-Wallis Test: Future certifications versus Size of Company

Kruskal-Wallis Test on Future certifications

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	23,0	-2,59
>500 employees	3	4,000	43,3	2,08
200-500 employees	9	4,000	33,2	1,59
Overall	51		26,0	

H = 7,74 DF = 2 P = 0,021

H = 9,03 DF = 2 P = 0,011 (adjusted for ties)

Kruskal-Wallis Test: Future certifications versus Size of Company

Kruskal-Wallis Test on Future certifications

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	23,0	-2,59
> 200 employees	12	4,000	35,7	2,59
Overall	51		26,0	

H = 6,69 DF = 1 P = 0,010

H = 7,81 DF = 1 P = 0,005 (adjusted for ties)

Kruskal-Wallis Test: Future certifications versus Role

Kruskal-Wallis Test on Future certifications

Role	N	Median	Ave Rank	Z
Designer	3	3,000	19,5	-0,78
Technician	12	3,000	24,7	-0,36
Manager	36	3,000	27,0	0,73
Overall	51		26,0	

H = 0,83 DF = 2 P = 0,661

H = 0,97 DF = 2 P = 0,617 (adjusted for ties)

Kruskal-Wallis Test: Sharing information versus Role

Kruskal-Wallis Test on Sharing information

Role	N	Median	Ave Rank	Z
Designer	3	3,000	21,8	-0,50
Technician	12	4,000	31,3	1,41
Manager	36	3,500	24,6	-1,05
Overall	51		26,0	

H = 2,08 DF = 2 P = 0,353

H = 2,40 DF = 2 P = 0,301 (adjusted for ties)

Kruskal-Wallis Test: Sharing information versus Size of Company

Kruskal-Wallis Test on Sharing information

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	23,5	-2,20
>500 employees	3	5,000	44,2	2,18
200-500 employees	9	4,000	30,9	1,10
Overall	51		26,0	

H = 6,61 DF = 2 P = 0,037

H = 7,62 DF = 2 P = 0,022 (adjusted for ties)

Kruskal-Wallis Test: Sharing information versus Size of Company

Kruskal-Wallis Test on Sharing information

Size of Company	N	Median	Ave Rank	Z
< 200 employees	39	3,000	23,5	-2,20
> 200 employees	12	4,000	34,3	2,20
Overall	51		26,0	

H = 4,83 DF = 1 P = 0,028

H = 5,57 DF = 1 P = 0,018 (adjusted for ties)

Kruskal-Wallis Test: PMs implementation versus Years of experience

Kruskal-Wallis Test on PMs implementation

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	28,6	0,73
10-20	12	3,000	26,0	0,01
20+	26	3,000	24,7	-0,65
Overall	51		26,0	

H = 0,61 DF = 2 P = 0,737

H = 0,71 DF = 2 P = 0,700 (adjusted for ties)

Kruskal-Wallis Test: ICT management tasks versus Years of experience

Kruskal-Wallis Test on ICT management tasks

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	36,2	2,87
10-20	12	2,000	25,9	-0,03
20+	26	2,000	20,9	-2,48
Overall	51		26,0	

H = 9,17 DF = 2 P = 0,010

H = 9,81 DF = 2 P = 0,007 (adjusted for ties)

Kruskal-Wallis Test: Logistics tasks versus Years of experience

Kruskal-Wallis Test on Logistics tasks

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	31,7	1,59
10-20	12	3,000	28,1	0,56
20+	26	3,000	22,2	-1,86
Overall	51		26,0	

H = 3,80 DF = 2 P = 0,149

H = 4,40 DF = 2 P = 0,111 (adjusted for ties)

Kruskal-Wallis Test: Purchasing Procedures versus Years of experience

Kruskal-Wallis Test on Purchasing Procedures

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	28,7	0,75
10-20	12	3,000	25,8	-0,07
20+	26	3,000	24,8	-0,59
Overall	51		26,0	

H = 0,59 DF = 2 P = 0,744

H = 0,66 DF = 2 P = 0,721 (adjusted for ties)

Kruskal-Wallis Test: HR management tasks versus Years of experience

Kruskal-Wallis Test on HR management tasks

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	33,4	2,09
10-20	12	3,000	26,9	0,24
20+	26	2,000	21,9	-2,03
Overall	51		26,0	

H = 5,30 DF = 2 P = 0,071

H = 5,73 DF = 2 P = 0,057 (adjusted for ties)

Kruskal-Wallis Test: Process Management tasks versus Years of experience

Kruskal-Wallis Test on Process Management tasks

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	25,8	-0,04
10-20	12	3,500	29,5	0,92
20+	26	3,000	24,5	-0,74
Overall	51		26,0	

H = 0,92 DF = 2 P = 0,631

H = 1,03 DF = 2 P = 0,597 (adjusted for ties)

Kruskal-Wallis Test: Sales Functions versus Years of experience

Kruskal-Wallis Test on Sales Functions

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	28,4	0,67
10-20	12	3,000	25,1	-0,24
20+	26	3,000	25,2	-0,38
Overall	51		26,0	

H = 0,45 DF = 2 P = 0,799

H = 0,49 DF = 2 P = 0,781 (adjusted for ties)

Kruskal-Wallis Test: Quality tasks versus Years of experience

Kruskal-Wallis Test on Quality tasks

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	25,8	-0,06
10-20	12	3,000	25,5	-0,14
20+	26	3,000	26,4	0,18
Overall	51		26,0	

H = 0,03 DF = 2 P = 0,983

H = 0,04 DF = 2 P = 0,981 (adjusted for ties)

Kruskal-Wallis Test: Engineering & Design versus Years of experience

Kruskal-Wallis Test on Engineering & Design functions

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	29,5	0,99
10-20	12	3,500	27,5	0,40
20+	26	3,000	23,5	-1,21
Overall	51		26,0	

H = 1,57 DF = 2 P = 0,456
H = 1,67 DF = 2 P = 0,434 (adjusted for ties)

Kruskal-Wallis Test: Research & Development versus Years of experience

Kruskal-Wallis Test on Research & Development function

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	28,8	0,79
10-20	12	3,500	28,7	0,71
20+	26	3,000	23,4	-1,29
Overall	51		26,0	

H = 1,67 DF = 2 P = 0,435
H = 1,75 DF = 2 P = 0,417 (adjusted for ties)

Kruskal-Wallis Test: Pm current certification versus Years of experience

Kruskal-Wallis Test on Pm current certifications

Years of experience	N	Median	Ave Rank	Z
0-10	13	2,000	31,0	1,42
10-20	12	2,000	23,9	-0,56
20+	26	2,000	24,4	-0,76
Overall	51		26,0	

H = 2,01 DF = 2 P = 0,365
H = 2,22 DF = 2 P = 0,329 (adjusted for ties)

Kruskal-Wallis Test: PM for CPS versus Years of experience

Kruskal-Wallis Test on PM for CPS

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	26,2	0,05
10-20	12	3,000	30,9	1,30
20+	26	3,000	23,7	-1,15
Overall	51		26,0	

H = 1,94 DF = 2 P = 0,379
H = 3,78 DF = 2 P = 0,151 (adjusted for ties)

Kruskal-Wallis Test: PM for WCM versus Years of experience

Kruskal-Wallis Test on PM for WCM

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	22,1	-1,10
10-20	12	3,000	26,5	0,13
20+	26	4,000	27,7	0,85
Overall	51		26,0	

H = 1,27 DF = 2 P = 0,530
H = 1,59 DF = 2 P = 0,452 (adjusted for ties)

Kruskal-Wallis Test: PM for Platform M versus Years of experie

Kruskal-Wallis Test on PM for Platfom Management

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	26,0	-0,01
10-20	12	3,000	24,8	-0,33
20+	26	3,000	26,6	0,29
Overall	51		26,0	

H = 0,13 DF = 2 P = 0,939
H = 0,16 DF = 2 P = 0,922 (adjusted for ties)

Kruskal-Wallis Test: PM for SE versus Years of experience

Kruskal-Wallis Test on PM for SE

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	26,6	0,16
10-20	12	3,000	24,0	-0,54
20+	26	3,000	26,7	0,32
Overall	51		26,0	

H = 0,30 DF = 2 P = 0,862
H = 0,43 DF = 2 P = 0,807 (adjusted for ties)

Kruskal-Wallis Test: PM for ISO/TS16949 versus Years of experience

Kruskal-Wallis Test on PM for ISO/TS16949

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	22,1	-1,09
10-20	12	3,000	29,0	0,80
20+	26	3,000	26,6	0,27
Overall	51		26,0	

H = 1,41 DF = 2 P = 0,493
H = 1,94 DF = 2 P = 0,379 (adjusted for ties)

Kruskal-Wallis Test: PM for TQM/QFD versus Years of experience

Kruskal-Wallis Test on PM for TQM/QFD

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	22,1	-1,09
10-20	12	3,000	29,0	0,80
20+	26	3,000	26,6	0,27

Overall 51 26,0

H = 1,41 DF = 2 P = 0,493

H = 1,94 DF = 2 P = 0,379 (adjusted for ties)

Kruskal-Wallis Test: Time to Market versus Years of experience

Kruskal-Wallis Test on Time to Market

Years of experience	N	Median	Ave Rank	Z
0-10	13	4,000	24,2	-0,51
10-20	12	3,500	24,7	-0,36
20+	26	4,000	27,5	0,74
Overall	51		26,0	

H = 0,56 DF = 2 P = 0,756

H = 0,66 DF = 2 P = 0,719 (adjusted for ties)

Kruskal-Wallis Test: Budgeting Performance versus Years of experience

Kruskal-Wallis Test on Budgeting Performance

Years of experience	N	Median	Ave Rank	Z
0-10	13	4,000	26,7	0,21
10-20	12	4,000	24,5	-0,39
20+	26	4,000	26,3	0,15
Overall	51		26,0	

H = 0,16 DF = 2 P = 0,924

H = 0,19 DF = 2 P = 0,909 (adjusted for ties)

Kruskal-Wallis Test: Product Quality versus Years of experience

Kruskal-Wallis Test on Product Quality

Years of experience	N	Median	Ave Rank	Z
0-10	13	4,000	24,2	-0,52
10-20	12	4,000	29,4	0,91
20+	26	4,000	25,3	-0,32
Overall	51		26,0	

H = 0,88 DF = 2 P = 0,643

H = 1,09 DF = 2 P = 0,580 (adjusted for ties)

Kruskal-Wallis Test: Firm reputation versus Years of experience

Kruskal-Wallis Test on Firm reputation

Years of experience	N	Median	Ave Rank	Z
0-10	13	4,000	26,5	0,15
10-20	12	4,000	28,2	0,58

20+	26	4,000	24,7	-0,62
Overall	51		26,0	

H = 0,46 DF = 2 P = 0,794
H = 0,57 DF = 2 P = 0,752 (adjusted for ties)

Kruskal-Wallis Test: Competitive Edge versus Years of experience

Kruskal-Wallis Test on Competitive Edge

Years of experience	N	Median	Ave Rank	Z
0-10	13	4,000	26,8	0,22
10-20	12	4,000	27,7	0,44
20+	26	4,000	24,8	-0,57
Overall	51		26,0	

H = 0,34 DF = 2 P = 0,843
H = 0,45 DF = 2 P = 0,797 (adjusted for ties)

Kruskal-Wallis Test: Human Resource versus Years of experience

Kruskal-Wallis Test on Human Resource

Years of experience	N	Median	Ave Rank	Z
0-10	13	4,000	26,8	0,22
10-20	12	4,000	27,7	0,44
20+	26	4,000	24,8	-0,57
Overall	51		26,0	

H = 0,34 DF = 2 P = 0,843
H = 0,45 DF = 2 P = 0,797 (adjusted for ties)

Kruskal-Wallis Test: PM Future Implementation versus Years of experience

Kruskal-Wallis Test on PM Future Implementation

Years of experience	N	Median	Ave Rank	Z
0-10	13	4,000	23,2	-0,80
10-20	12	4,000	26,3	0,08
20+	26	4,000	27,3	0,63
Overall	51		26,0	

H = 0,68 DF = 2 P = 0,713
H = 0,79 DF = 2 P = 0,675 (adjusted for ties)

Kruskal-Wallis Test: Lean Future Impl versus Years of experie

Kruskal-Wallis Test on Lean Future Implementation

Years of experience	N	Median	Ave Rank	Z
0-10	13	4,000	27,7	0,49

10-20	12	3,000	24,5	-0,40
20+	26	3,500	25,8	-0,08
Overall	51		26,0	

H = 0,30 DF = 2 P = 0,860
H = 0,35 DF = 2 P = 0,837 (adjusted for ties)

Kruskal-Wallis Test: Future certifications versus Years of experience

Kruskal-Wallis Test on Future certifications

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	25,1	-0,26
10-20	12	3,000	27,6	0,43
20+	26	3,000	25,7	-0,14
Overall	51		26,0	

H = 0,20 DF = 2 P = 0,903
H = 0,24 DF = 2 P = 0,888 (adjusted for ties)

Kruskal-Wallis Test: Future certifications versus Years of experience

Kruskal-Wallis Test on Future certifications

Years of experience	N	Median	Ave Rank	Z
0-10	13	3,000	25,1	-0,26
10-20	12	3,000	27,6	0,43
20+	26	3,000	25,7	-0,14
Overall	51		26,0	

H = 0,20 DF = 2 P = 0,903
H = 0,24 DF = 2 P = 0,888 (adjusted for ties)