

Descriptive quantitative analysis

	Percentage respondents with each level of expertise				
	Advanced	Intermediate	Beginner	Non user	Not given
Frequencies, cross-tabulation, means etc	44	31	9	7	9
Comparing frequencies or means	42	33	9	6	10
Graphical output (eg bar-charts, histograms, pie-charts etc)	40	35	10	5	10
Transforming data distributions (eg log, quadratic)	16	24	20	25	15
Indices of inequality (eg GINI index)	7	14	19	45	15
Measures of association (eg correlation)	33	33	13	9	12

Regression analysis

	Percentage respondents with each level of expertise				
	Advanced	Intermediate	Beginner	Non user	Not given
Simple/multiple linear	30	23	20	14	13
Log-linear	11	18	21	35	16
Logistic/ordinal/multinomial	13	21	22	25	18
Other (eg poisson, negative binomial)	7	12	15	46	20

Longitudinal analysis

	Percentage respondents with each level of expertise				
	Advanced	Intermediate	Beginner	Non user	Not given
Event history analysis	2	8	14	52	23
Times series analysis	4	16	17	40	23
Trajectory modelling	0	3	14	61	21
Other longitudinal analysis	3	9	14	47	27

Grouping analysis

	Percentage respondents with each level of expertise				
	Advanced	Intermediate	Beginner	Non user	Not given
Principal components/factor analysis	9	24	20	30	17
Cluster/classification analysis	5	15	20	40	19
Latent class analysis	2	5	14	57	21
Multi-dimensional scaling	1	8	14	55	22

Other complex analysis methods

	Percentage respondents with each level of expertise				
	Advanced	Intermediate	Beginner	Non user	Not given
Probability, set theory, matrix algebra	5	13	13	49	20
Multi-level modelling	2	11	17	47	23
Structural equation modelling	3	8	13	54	21
Spatial analysis/modelling	0	7	11	61	20
Geographically weighted regression	0	4	8	67	20
Econometric techniques	3	9	13	55	20
Simulation and risk analysis	2	5	11	59	23
Missing value analysis/imputation	3	11	19	46	21
Content analysis (eg NVivo)	1	15	17	48	19

Software packages

	Percentage respondents with each level of expertise				
	Advanced	Intermediate	Beginner	Non user	Not given
SPSS	23	37	19	8	14
Stata	5	7	9	49	29
SAS	1	4	5	57	33
R/S/SPlus	2	3	5	57	33
Minitab	4	8	8	47	32
GAUSS	.	.	0	65	34
Amos	1	3	5	57	34
Lisrel	.	1	2	62	35
MPlus	0	0	1	62	36
LatentGold	.	.	0	65	34
MLWin	1	5	4	56	34
ARC/gis	.	3	4	59	34
BUGS (OpenBUGS WinBUGS etc)	1	.	3	61	35

Which of the following datasets to you use, and how often?

	Percentage of respondents			
	Use regularly	Used once or occasionally	Do not use	Not given
Growing Up in Scotland (GUS)	2	6	58	34
Scottish School Leavers Survey	1	6	59	34
Scottish Crime Survey	1	6	58	35
Scottish Social Attitudes Survey	3	17	49	31
Scottish Health Survey	4	14	49	33
Scottish Household Survey	7	16	46	32
Scottish components of national datasets (eg BHPS)	4	11	53	33
Other Scottish datasets	10	12	41	36
Other UK datasets	16	15	35	34
Other datasets	17	7	28	47