

Jude Ranasinghe
Director

E. jude.ranasinghe@lgfutures.co.uk
T. 01908 410811

DCLG/DEFRA Research into Drivers of Service Costs in Rural Areas

National Analysis of Unit Costs Appendix B: SPSS Output

November 2014

1 Overview

- This Appendix provides the SPSS output for the 35 expenditure groupings for which sparsity was found to be statistically significantly related to unit costs. Outputs are not shown for models where sparsity was not found to be statistically significant.
- Each model is identified by a unique code (e.g. A1, A2), corresponding to the following service headings:
 - A. Highways and Transport**
 - B. Children’s Social Care**
 - C. Adults’ Social Care**
 - D. Housing (GFRA Only)**
 - E. Cultural & Related Services**
 - F. Environmental & Regulatory Services**
 - G. Planning & Development Services**
 - H. Fire & Rescue Services**
 - I. Central Services**

A. Highways and Transport

A1. Environmental, Safety & Routine Maintenance

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Sparsity_LSOA ^a	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: UnitCost_A1

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.245 ^a	.060	.051	778.13401

- a. Predictors: (Constant), Sparsity_LSOA
- b. Dependent Variable: UnitCost_A1

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	4008776.864	1	4008776.864	6.621	.011 ^a
	Residual	6.297E7	104	605492.536		
	Total	6.698E7	105			

- a. Predictors: (Constant), Sparsity_LSOA
- b. Dependent Variable: UnitCost_A1

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1686.331	97.705		17.259	.000
	Sparsity_LSOA	-619.398	240.723	-.245	-2.573	.011

- a. Dependent Variable: UnitCost_A1

A2. Parking Services

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Highways_PopKm ^a	.	Enter

- a. All requested variables entered.
 b. Dependent Variable: UnitCost_A2

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.499 ^a	.249	.243	7.05376

- a. Predictors: (Constant), Highways_PopKm
 b. Dependent Variable: UnitCost_A2

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1883.096	1	1883.096	37.847	.000 ^a
	Residual	5672.131	114	49.756		
	Total	7555.226	115			

- a. Predictors: (Constant), Highways_PopKm
 b. Dependent Variable: UnitCost_A2

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-1.067	1.294		-.825	.411
	Highways_PopKm	-.019	.003	-.499	-6.152	.000

- a. Dependent Variable: UnitCost_A2

A3. Street Lighting

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Highways_PopKm ^a	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: UnitCost_A3

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.725 ^a	.526	.522	537.04787

- a. Predictors: (Constant), Highways_PopKm
- b. Dependent Variable: UnitCost_A3

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3.551E7	1	3.551E7	123.121	.000 ^a
	Residual	3.201E7	111	288420.417		
	Total	6.753E7	112			

- a. Predictors: (Constant), Highways_PopKm
- b. Dependent Variable: UnitCost_A3

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	16.912	122.533		.138	.890
	Highways_PopKm	5.130	.462	.725	11.096	.000

- a. Dependent Variable: UnitCost_A3

A5. Transport Planning, Policy and Strategy

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Highways_Flow, Highways_PopKm ^a	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: UnitCost_A5

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.404 ^a	.163	.148	499.01322

- a. Predictors: (Constant), Highways_Flow, Highways_PopKm
- b. Dependent Variable: UnitCost_A5

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5430632.630	2	2715316.315	10.904	.000 ^a
	Residual	2.789E7	112	249014.192		
	Total	3.332E7	114			

- a. Predictors: (Constant), Highways_Flow, Highways_PopKm
- b. Dependent Variable: UnitCost_A5

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.540	145.958		.004	.997
	Highways_PopKm	1.262	.562	.252	2.245	.027
	Highways_Flow	9.930	5.770	.193	1.721	.088

- a. Dependent Variable: UnitCost_A5

A6. Winter Service

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Sparsity_LSOA ^a	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: UnitCost_A6

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.339 ^a	.115	.108	180.73248

- a. Predictors: (Constant), Sparsity_LSOA
- b. Dependent Variable: UnitCost_A6

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	592243.971	1	592243.971	18.131	.000 ^a
	Residual	4572992.322	140	32664.231		
	Total	5165236.292	141			

- a. Predictors: (Constant), Sparsity_LSOA
- b. Dependent Variable: UnitCost_A6

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	338.259	18.343		18.441	.000
	Sparsity_LSOA	222.617	52.281	.339	4.258	.000

- a. Dependent Variable: UnitCost_A6

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	339.8169	691.3296	3.8219E2	64.80981	142
Residual	-4.2664E2	5.38099E2	.00000	180.09045	142
Std. Predicted Value	-.654	4.770	.000	1.000	142
Std. Residual	-2.361	2.977	.000	.996	142

- a. Dependent Variable: UnitCost_A6

A7. Traffic Management & Road Safety

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Highways_Flow, Sparsity_Defra ^a	.	Enter

a. All requested variables entered.

b. Dependent Variable: UnitCost_A7

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.535 ^a	.287	.274	324.64952

a. Predictors: (Constant), Highways_Flow, Sparsity_Defra

b. Dependent Variable: UnitCost_A7

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	4698377.826	2	2349188.913	22.289	.000 ^a
	Residual	1.170E7	111	105397.308		
	Total	1.640E7	113			

a. Predictors: (Constant), Highways_Flow, Sparsity_Defra

b. Dependent Variable: UnitCost_A7

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	436.931	128.822		3.392	.001
	Sparsity_Defra	-14.968	3.683	-.407	-4.064	.000
	Highways_Flow	6.029	3.332	.181	1.809	.073

a. Dependent Variable: UnitCost_A7

A8. Public Transport

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Highways_PopKm ^a	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: UnitCost_A8

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.838 ^a	.702	.698	895.07819

- a. Predictors: (Constant), Highways_PopKm
- b. Dependent Variable: UnitCost_A8

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1.493E8	1	1.493E8	186.333	.000 ^a
	Residual	6.329E7	79	801164.960		
	Total	2.126E8	80			

- a. Predictors: (Constant), Highways_PopKm
- b. Dependent Variable: UnitCost_A8

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	307.885	213.522		1.442	.153
	Highways_PopKm	11.674	.855	.838	13.650	.000

- a. Dependent Variable: UnitCost_A8

B. Children’s Social Care

B7. Other Children’s and Families’ Services

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Depriv_Benefit_Child, Sparsity_CarTime ^a		Enter

a. All requested variables entered.

b. Dependent Variable: UnitCost_B7

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.315 ^a	.099	.086	791.05896

a. Predictors: (Constant), Depriv_Benefit_Child, Sparsity_CarTime

b. Dependent Variable: UnitCost_B7

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	9328151.458	2	4664075.729	7.453	.001 ^a
	Residual	8.448E7	135	625774.278		
	Total	9.381E7	137			

a. Predictors: (Constant), Depriv_Benefit_Child, Sparsity_CarTime

b. Dependent Variable: UnitCost_B7

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	2156.122	691.534		3.118	.002
	Sparsity_CarTime	-227.310	105.370	-.182	-2.157	.033
	Depriv_Benefit_Child	23.633	9.126	.218	2.590	.011

a. Dependent Variable: UnitCost_B7

C. Adults' Social Care

C1. Adults under 65 with Learning Disabilities

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Depriv_Benefit_Key, Sparsity_LSOA ^a	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: UnitCost_1

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.438 ^a	.192	.181	6489.16562

- a. Predictors: (Constant), Depriv_Benefit_Key, Sparsity_LSOA
- b. Dependent Variable: UnitCost_1

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1.450E9	2	7.250E8	17.217	.000 ^a
	Residual	6.106E9	145	4.211E7		
	Total	7.556E9	147			

- a. Predictors: (Constant), Depriv_Benefit_Key, Sparsity_LSOA
- b. Dependent Variable: UnitCost_1

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	49054.856	2110.637		23.242	.000
	Sparsity_LSOA	-7821.657	1971.811	-.313	-3.967	.000
	Depriv_Benefit_Key	-690.604	128.703	-.423	-5.366	.000

- a. Dependent Variable: UnitCost_1

D. Adults' Social Care

D1. Homelessness

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Depriv_Benefit_Key, Sparsity_Defra ^a	.	Enter

a. All requested variables entered.

b. Dependent Variable: UnitCost_D1

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.306 ^a	.094	.088	18510.91728

a. Predictors: (Constant), Depriv_Benefit_Key, Sparsity_Defra

b. Dependent Variable: UnitCost_D1

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1.084E10	2	5.420E9	15.819	.000 ^a
	Residual	1.049E11	306	3.427E8		
	Total	1.157E11	308			

a. Predictors: (Constant), Depriv_Benefit_Key, Sparsity_Defra

b. Dependent Variable: UnitCost_D1

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	127.398	4169.150		.031	.976
	Sparsity_Defra	442.005	83.939	.319	5.266	.000
	Depriv_Benefit_Key	1116.895	272.926	.248	4.092	.000

a. Dependent Variable: UnitCost_D1

D3. Housing Strategy, Advice, Advances, etc

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Sparsity_Defra ^a	.	Enter

a. All requested variables entered.

b. Dependent Variable: UnitCost_D3

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.117 ^a	.014	.010	2.75970

a. Predictors: (Constant), Sparsity_Defra

b. Dependent Variable: UnitCost_D3

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	32.852	1	32.852	4.314	.039 ^a
	Residual	2376.169	312	7.616		
	Total	2409.020	313			

a. Predictors: (Constant), Sparsity_Defra

b. Dependent Variable: UnitCost_D3

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	4.759	.207		22.973	.000
	Sparsity_Defra	-.023	.011	-.117	-2.077	.039

a. Dependent Variable: UnitCost_D3

E. Cultural & Related Services

E1. Culture & Heritage

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	DummyShire, DummyCounty, Sparsity_Defra, Depriv_Benefit_Key ^a		Enter

a. All requested variables entered.

b. Dependent Variable: UnitCost_E1

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.521 ^a	.271	.263	4.09373

a. Predictors: (Constant), DummyShire, DummyCounty, Sparsity_Defra, Depriv_Benefit_Key

b. Dependent Variable: UnitCost_E1

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2089.152	4	522.288	31.165	.000 ^a
	Residual	5614.138	335	16.759		
	Total	7703.291	339			

a. Predictors: (Constant), DummyShire, DummyCounty, Sparsity_Defra, Depriv_Benefit_Key

b. Dependent Variable: UnitCost_E1

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	3.123	1.065		2.933	.004
	Sparsity_Defra	-.038	.019	-.109	-1.993	.047
	Depriv_Benefit_Key	.343	.063	.300	5.433	.000
	DummyCounty	-3.300	.926	-.187	-3.565	.000
	DummyShire	-2.115	.565	-.220	-3.743	.000

a. Dependent Variable: UnitCost_E1

E2. Libraries

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Sparsity_Defra ^a	.	Enter

a. All requested variables entered.

b. Dependent Variable: UnitCost_E2

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.416 ^a	.173	.167	3.40396

a. Predictors: (Constant), Sparsity_Defra

b. Dependent Variable: UnitCost_E2

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	343.622	1	343.622	29.656	.000 ^a
	Residual	1645.341	142	11.587		
	Total	1988.963	143			

a. Predictors: (Constant), Sparsity_Defra

b. Dependent Variable: UnitCost_E2

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	16.325	.343		47.526	.000
	Sparsity_Defra	-.158	.029	-.416	-5.446	.000

a. Dependent Variable: UnitCost_E2

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	9.2727	16.3252	15.2703	1.55015	144
Residual	-9.54766	11.37480	.00000	3.39203	144
Std. Predicted Value	-3.869	.681	.000	1.000	144
Std. Residual	-2.805	3.342	.000	.996	144

a. Dependent Variable: UnitCost_E2

E3. Open Spaces

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	DummyShire, Sparsity_Defra, DummyCounty, Depriv_Benefits_18plus ^a		Enter

- a. All requested variables entered.
- b. Dependent Variable: UnitCost_E3

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.691 ^a	.478	.472	146.75941

- a. Predictors: (Constant), DummyShire, Sparsity_Defra, DummyCounty, Depriv_Benefits_18plus
- b. Dependent Variable: UnitCost_E3

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	6490957.140	4	1622739.285	75.342	.000 ^a
	Residual	7086108.542	329	21538.324		
	Total	1.358E7	333			

- a. Predictors: (Constant), DummyShire, Sparsity_Defra, DummyCounty, Depriv_Benefits_18plus
- b. Dependent Variable: UnitCost_E3

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	209.922	40.512		5.182	.000
	Sparsity_Defra	-6.074	.689	-.412	-8.813	.000
	Depriv_Benefits_18plus	10.485	3.240	.163	3.236	.001
	DummyCounty	-177.440	33.866	-.240	-5.240	.000
	DummyShire	-104.704	21.257	-.255	-4.926	.000

- a. Dependent Variable: UnitCost_E3

E5. Tourism

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Dummy County, Sparsity_LSOA, Depriv_Benefit_Key ^a	.	Enter

a. All requested variables entered.

b. Dependent Variable: UnitCost_E5

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.366 ^a	.134	.126	1.28053

a. Predictors: (Constant), DummyCounty, Sparsity_LSOA, Depriv_Benefit_Key

b. Dependent Variable: UnitCost_E5

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	85.820	3	28.607	17.446	.000 ^a
	Residual	554.236	338	1.640		
	Total	640.056	341			

a. Predictors: (Constant), DummyCounty, Sparsity_LSOA, Depriv_Benefit_Key

b. Dependent Variable: UnitCost_E5

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.036	.257		-.139	.889
	Sparsity_LSOA	.942	.157	.318	5.986	.000
	Depriv_Benefit_Key	.065	.018	.197	3.696	.000
	DummyCounty	-.922	.258	-.182	-3.568	.000

a. Dependent Variable: UnitCost_E5

F. Environmental & Regulatory Services

F1. Community Safety

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	DummyShire, DummyCounty, Sparsity_Defra, Depriv_Benefits_18plus ^a	.	Enter

- a. All requested variables entered.
 b. Dependent Variable: UnitCost_1

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.643 ^a	.414	.407	2.18606

- a. Predictors: (Constant), DummyShire, DummyCounty, Sparsity_Defra, Depriv_Benefits_18plus
 b. Dependent Variable: UnitCost_1

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1124.282	4	281.070	58.815	.000 ^a
	Residual	1591.362	333	4.779		
	Total	2715.644	337			

- a. Predictors: (Constant), DummyShire, DummyCounty, Sparsity_Defra, Depriv_Benefits_18plus
 b. Dependent Variable: UnitCost_1

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	3.223	.589		5.476	.000
	Sparsity_Defra	-.035	.010	-.171	-3.460	.001
	Depriv_Benefits_18plus	.255	.047	.287	5.429	.000
	DummyCounty	-3.182	.502	-.304	-6.333	.000
	DummyShire	-1.667	.313	-.289	-5.323	.000

- a. Dependent Variable: UnitCost_1

F2. Regulatory Services

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Dummy County, Sparsity_LSOA, Depriv_Benefits_18plus ^a	.	Enter

a. All requested variables entered.

b. Dependent Variable: UnitCost_F2

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.598 ^a	.358	.352	3.00446

a. Predictors: (Constant), DummyCounty, Sparsity_LSOA, Depriv_Benefits_18plus

b. Dependent Variable: UnitCost_F2

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1713.158	3	571.053	63.262	.000 ^a
	Residual	3078.133	341	9.027		
	Total	4791.292	344			

a. Predictors: (Constant), DummyCounty, Sparsity_LSOA, Depriv_Benefits_18plus

b. Dependent Variable: UnitCost_F2

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	6.907	.579		11.938	.000
	Sparsity_LSOA	2.179	.377	.270	5.788	.000
	Depriv_Benefits_18plus	.303	.054	.264	5.620	.000
	DummyCounty	-6.996	.607	-.504	-11.524	.000

a. Dependent Variable: UnitCost_F2

F3. Street Cleansing

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Depriv_IMD_All, Sparsity_Defra ^a	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: UnitCost_F3

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.513 ^a	.264	.259	4.20980

- a. Predictors: (Constant), Depriv_IMD_All, Sparsity_Defra
- b. Dependent Variable: UnitCost_F3

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1991.210	2	995.605	56.178	.000 ^a
	Residual	5564.845	314	17.722		
	Total	7556.055	316			

- a. Predictors: (Constant), Depriv_IMD_All, Sparsity_Defra
- b. Dependent Variable: UnitCost_F3

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	5.504	.863		6.376	.000
	Sparsity_Defra	-.049	.020	-.139	-2.477	.014
	Depriv_IMD_All	.404	.053	.429	7.625	.000

- a. Dependent Variable: UnitCost_F3

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	5.5142	18.7886	10.1044	2.51024	317
Residual	-1.2367E1	12.43983	.00000	4.19646	317
Std. Predicted Value	-1.829	3.460	.000	1.000	317
Std. Residual	-2.938	2.955	.000	.997	317

- a. Dependent Variable: UnitCost_F3

F4. Waste Disposal and Recycling

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Dummy County, Sparsity_CarTime ^a		Enter

- a. All requested variables entered.
- b. Dependent Variable: UnitCost_F4

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.199 ^a	.040	.026	29.61509

- a. Predictors: (Constant), DummyCounty, Sparsity_CarTime
- b. Dependent Variable: UnitCost_F4

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5139.364	2	2569.682	2.930	.057 ^a
	Residual	124541.633	142	877.054		
	Total	129680.997	144			

- a. Predictors: (Constant), DummyCounty, Sparsity_CarTime
- b. Dependent Variable: UnitCost_F4

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	45.910	21.381		2.147	.033
	Sparsity_CarTime	7.683	3.701	.177	2.076	.040
	DummyCounty	-11.658	6.732	-.147	-1.732	.085

- a. Dependent Variable: UnitCost_F4

F5. Waste Collection

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	DummyShire, Sparsity_Defra ^a	.	Enter

- a. All requested variables entered.
 b. Dependent Variable: UnitCost_F5

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.323 ^a	.104	.099	15.02339

- a. Predictors: (Constant), DummyShire, Sparsity_Defra
 b. Dependent Variable: UnitCost_F5

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	8368.022	2	4184.011	18.538	.000 ^a
	Residual	71773.290	318	225.702		
	Total	80141.312	320			

- a. Predictors: (Constant), DummyShire, Sparsity_Defra
 b. Dependent Variable: UnitCost_F5

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	40.097	1.393		28.785	.000
	Sparsity_Defra	.253	.067	.223	3.769	.000
	DummyShire	-11.497	1.930	-.353	-5.957	.000

- a. Dependent Variable: UnitCost_F5

F6. Other Environmental & Regulatory

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Sparsity_Defra ^a	.	Enter

- a. All requested variables entered.
 b. Dependent Variable: UnitCost_F6

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.202 ^a	.041	.034	3.15144

- a. Predictors: (Constant), Sparsity_Defra
 b. Dependent Variable: UnitCost_F6

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	61.407	1	61.407	6.183	.014 ^a
	Residual	1450.014	146	9.932		
	Total	1511.421	147			

- a. Predictors: (Constant), Sparsity_Defra
 b. Dependent Variable: UnitCost_F6

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.700	.313		-2.240	.027
	Sparsity_Defra	.067	.027	.202	2.487	.014

- a. Dependent Variable: UnitCost_F6

G. Planning & Development Services

G4. Economic Research & Development

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	DummyShire, Sparsity_CarTime, DummyCounty, Depriv_IMD_Extent ^a		Enter

- a. All requested variables entered.
- b. Dependent Variable: UnitCost_G4

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.580 ^a	.337	.329	3.97987

- a. Predictors: (Constant), DummyShire, Sparsity_CarTime, DummyCounty, Depriv_IMD_Extent
- b. Dependent Variable: UnitCost_G4

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2678.533	4	669.633	42.277	.000 ^a
	Residual	5274.502	333	15.839		
	Total	7953.035	337			

- a. Predictors: (Constant), DummyShire, Sparsity_CarTime, DummyCounty, Depriv_IMD_Extent
- b. Dependent Variable: UnitCost_G4

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-1.212	1.563		-.776	.438
	Sparsity_CarTime	.606	.242	.117	2.504	.013
	Depriv_IMD_Extent	.164	.017	.515	9.570	.000
	DummyCounty	-1.665	.902	-.093	-1.845	.066
	DummyShire	-1.393	.557	-.142	-2.499	.013

- a. Dependent Variable: UnitCost_G4

G7. Development Control

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	DummyShire, Sparsity_Defra ^a	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: UnitCost_G7

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.198 ^a	.039	.033	312.99131

- a. Predictors: (Constant), DummyShire, Sparsity_Defra
- b. Dependent Variable: UnitCost_G7

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1268486.974	2	634243.487	6.474	.002 ^a
	Residual	3.096E7	316	97963.562		
	Total	3.222E7	318			

- a. Predictors: (Constant), DummyShire, Sparsity_Defra
- b. Dependent Variable: UnitCost_G7

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	568.583	29.113		19.530	.000
	Sparsity_Defra	-4.102	1.398	-.181	-2.934	.004
	DummyShire	128.580	40.467	.196	3.177	.002

- a. Dependent Variable: UnitCost_G7

H. Fire & Rescue Services

H1. Community Fire Safety

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Depriv_Benefit_Key, Sparsity_LSOA ^a	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: UnitCost_H1

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.496 ^a	.246	.210	2.26145

- a. Predictors: (Constant), Depriv_Benefit_Key, Sparsity_LSOA
- b. Dependent Variable: UnitCost_H1

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	70.155	2	35.078	6.859	.003 ^a
	Residual	214.795	42	5.114		
	Total	284.951	44			

- a. Predictors: (Constant), Depriv_Benefit_Key, Sparsity_LSOA
- b. Dependent Variable: UnitCost_H1

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.927	1.517		1.270	.211
	Sparsity_LSOA	-2.437	1.054	-.315	-2.313	.026
	Depriv_Benefit_Key	.245	.101	.330	2.426	.020

- a. Dependent Variable: UnitCost_H1

I. Central Services

11. Coroners' Court Services

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Depriv_Benefit_Key, Sparsity_Defra ^a		Enter

a. All requested variables entered.

b. Dependent Variable: UnitCost_I1

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.487 ^a	.237	.226	.58792

a. Predictors: (Constant), Depriv_Benefit_Key, Sparsity_Defra

b. Dependent Variable: UnitCost_I1

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	15.246	2	7.623	22.054	.000 ^a
	Residual	49.082	142	.346		
	Total	64.328	144			

a. Predictors: (Constant), Depriv_Benefit_Key, Sparsity_Defra

b. Dependent Variable: UnitCost_I1

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.072	.208		-.348	.728
	Sparsity_Defra	.027	.006	.392	4.821	.000
	Depriv_Benefit_Key	.078	.013	.504	6.200	.000

a. Dependent Variable: UnitCost_I1

12. Corporate & Democratic Core

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	DummyShire, Sparsity_LSOA, DummyCounty, Depriv_Benefit_Key ^a	.	Enter

- a. All requested variables entered.
 b. Dependent Variable: UnitCost_I2

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.472 ^a	.222	.213	7.38711

- a. Predictors: (Constant), DummyShire, Sparsity_LSOA, DummyCounty, Depriv_Benefit_Key
 b. Dependent Variable: UnitCost_I2

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5292.766	4	1323.192	24.248	.000 ^a
	Residual	18499.038	339	54.569		
	Total	23791.804	343			

- a. Predictors: (Constant), DummyShire, Sparsity_LSOA, DummyCounty, Depriv_Benefit_Key
 b. Dependent Variable: UnitCost_I2

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	16.181	1.817		8.906	.000
	Sparsity_LSOA	2.145	.930	.119	2.307	.022
	Depriv_Benefit_Key	.369	.108	.186	3.412	.001
	DummyCounty	-13.275	1.674	-.422	-7.929	.000
	DummyShire	-3.550	.983	-.211	-3.613	.000

- a. Dependent Variable: UnitCost_I2