

PLUM - Ordinal Regression

Notes

Output Created		29-JUL-2026 15:33:25
Comments		
Input	Data	C:\Users\harri\OneDrive\Documents\#yourpalaeolife\#yourpalaeolife 2\Statistics and data\OLR ConfidencexRC\OLR ConfidencexRC.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	173
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		PLUM CFID WITH CS_code Alt_career_YN Gen_code /CRITERIA=CIN(95) DELTA(0) LCONVERGE(0) MXITER(100) MXSTEP(5) PCONVERGE(1.0E-6) SINGULAR(1.0E-8) /LINK=LOGIT /PRINT=FIT PARAMETER SUMMARY.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

Warnings

There are 54 (54.0%) cells (i.e., dependent variable levels by observed combinations of predictor variable values) with zero frequencies.

Case Processing Summary

		N	Marginal Percentage
CFID	1.00	2	1.5%
	2.00	3	2.2%
	3.00	12	8.8%
	4.00	66	48.2%
	5.00	54	39.4%
Valid		137	100.0%
Missing		36	
Total		173	

Model Fitting Information

Model	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	119.566			
Final	109.958	9.609	3	.022

Link function: Logit.

Goodness-of-Fit

	Chi-Square	df	Sig.
Pearson	58.476	73	.892
Deviance	53.321	73	.960

Link function: Logit.

Pseudo R-Square

Cox and Snell	.068
Nagelkerke	.077
McFadden	.033

Link function: Logit.

Parameter Estimates

		Estimate	Std. Error	Wald	df	Sig.	95% ... Lower Bound
Threshold	[CFID = 1.00]	-2.870	.941	9.302	1	.002	-4.714
	[CFID = 2.00]	-1.925	.765	6.328	1	.012	-3.424
	[CFID = 3.00]	-.571	.673	.719	1	.396	-1.889
	[CFID = 4.00]	1.946	.690	7.955	1	.005	.594
Location	CS_code	.318	.120	6.999	1	.008	.082
	Alt_career_YN	.166	.396	.176	1	.675	-.610
	Gen_code	.294	.366	.646	1	.422	-.423

Parameter Estimates

		95% ... Upper Bound
Threshold	[CFID = 1.00]	-1.026
	[CFID = 2.00]	-.425
	[CFID = 3.00]	.748
	[CFID = 4.00]	3.299
Location	CS_code	.554
	Alt_career_YN	.943
	Gen_code	1.011

Link function: Logit.

PLUM - Ordinal Regression

Notes

Output Created		29-JUL-2026 15:34:00
Comments		
Input	Data	C:\Users\harri\OneDrive\Documents\#yourpalaeolife\#yourpalaeolife 2\Statistics and data\OLR Confidence\RC\OLR Confidence\RC.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	173
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		PLUM CFEX WITH CS_code Alt_career_YN Gen_code /CRITERIA=CIN(95) DELTA(0) LCONVERGE(0) MXITER(100) MXSTEP(5) PCONVERGE(1.0E-6) SINGULAR(1.0E-8) /LINK=LOGIT /PRINT=FIT PARAMETER SUMMARY.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

Warnings

There are 49 (51.6%) cells (i.e., dependent variable levels by observed combinations of predictor variable values) with zero frequencies.

Case Processing Summary

		N	Marginal Percentage
CFEX	1.00	2	1.5%
	2.00	8	5.9%
	3.00	11	8.1%
	4.00	50	36.8%
	5.00	65	47.8%
Valid		136	100.0%
Missing		37	
Total		173	

Model Fitting Information

Model	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	134.562			
Final	130.162	4.400	3	.221

Link function: Logit.

Goodness-of-Fit

	Chi-Square	df	Sig.
Pearson	106.157	69	.003
Deviance	71.924	69	.381

Link function: Logit.

Pseudo R-Square

Cox and Snell	.032
Nagelkerke	.035
McFadden	.014

Link function: Logit.

Parameter Estimates

		Estimate	Std. Error	Wald	df	Sig.	95% ... Lower Bound
Threshold	[CFEX = 1.00]	-3.125	.929	11.320	1	<.001	-4.945
	[CFEX = 2.00]	-1.450	.688	4.444	1	.035	-2.797
	[CFEX = 3.00]	-.607	.655	.859	1	.354	-1.890
	[CFEX = 4.00]	1.227	.659	3.463	1	.063	-.065
Location	CS_code	.001	.117	.000	1	.990	-.228
	Alt_career_YN	.487	.405	1.444	1	.229	-.307
	Gen_code	.599	.363	2.717	1	.099	-.113

Parameter Estimates

		95% ... Upper Bound
Threshold	[CFEX = 1.00]	-1.305
	[CFEX = 2.00]	-.102
	[CFEX = 3.00]	.677
	[CFEX = 4.00]	2.520
Location	CS_code	.231
	Alt_career_YN	1.281
	Gen_code	1.310

Link function: Logit.

PLUM - Ordinal Regression

Notes

Output Created		29-JUL-2026 15:34:37
Comments		
Input	Data	C:\Users\harri\OneDrive\Documents\#yourpalaeolife\#yourpalaeolife 2\Statistics and data\OLR ConfidencexRC\OLR ConfidencexRC.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	173
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		PLUM CFJ WITH CS_code Alt_career_YN Gen_code /CRITERIA=CIN(95) DELTA(0) LCONVERGE(0) MXITER(100) MXSTEP(5) PCONVERGE(1.0E-6) SINGULAR(1.0E-8) /LINK=LOGIT /PRINT=FIT PARAMETER SUMMARY.
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.01

Warnings

There are 37 (38.9%) cells (i.e., dependent variable levels by observed combinations of predictor variable values) with zero frequencies.

Case Processing Summary

		N	Marginal Percentage
CFJ	1.00	20	14.8%
	2.00	22	16.3%
	3.00	20	14.8%
	4.00	28	20.7%
	5.00	45	33.3%
Valid		135	100.0%
Missing		38	
Total		173	

Model Fitting Information

Model	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	190.793			
Final	174.580	16.213	3	.001

Link function: Logit.

Goodness-of-Fit

	Chi-Square	df	Sig.
Pearson	87.308	69	.068
Deviance	93.533	69	.026

Link function: Logit.

Pseudo R-Square

Cox and Snell	.113
Nagelkerke	.118
McFadden	.039

Link function: Logit.

Parameter Estimates

		Estimate	Std. Error	Wald	df	Sig.	95% ... Lower Bound
Threshold	[CFJ = 1.00]	.258	.624	.170	1	.680	-.965
	[CFJ = 2.00]	1.313	.630	4.349	1	.037	.079
	[CFJ = 3.00]	2.003	.645	9.643	1	.002	.739
	[CFJ = 4.00]	2.917	.668	19.071	1	<.001	1.608
Location	CS_code	-.113	.112	1.022	1	.312	-.333
	Alt_career_YN	.253	.376	.452	1	.501	-.484
	Gen_code	1.420	.360	15.560	1	<.001	.714

Parameter Estimates

		95% ... Upper Bound
Threshold	[CFJ = 1.00]	1.480
	[CFJ = 2.00]	2.547
	[CFJ = 3.00]	3.267
	[CFJ = 4.00]	4.226
Location	CS_code	.106
	Alt_career_YN	.990
	Gen_code	2.125

Link function: Logit.

PLUM - Ordinal Regression

Notes

Output Created		29-JUL-2026 15:35:01
Comments		
Input	Data	C:\Users\harri\OneDrive\Documents\#yourpalaeolife\#yourpalaeolife 2\Statistics and data\OLR Confidence\RC\OLR Confidence\RC.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	173
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		PLUM CNM WITH CS_code Alt_career_YN Gen_code /CRITERIA=CIN(95) DELTA(0) LCONVERGE(0) MXITER(100) MXSTEP(5) PCONVERGE(1.0E-6) SINGULAR(1.0E-8) /LINK=LOGIT /PRINT=FIT PARAMETER SUMMARY.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

Warnings

There are 37 (37.0%) cells (i.e., dependent variable levels by observed combinations of predictor variable values) with zero frequencies.

Case Processing Summary

		N	Marginal Percentage
CNM	1.00	16	11.8%
	2.00	17	12.5%
	3.00	29	21.3%
	4.00	43	31.6%
	5.00	31	22.8%
Valid		136	100.0%
Missing		37	
Total		173	

Model Fitting Information

Model	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	169.970			
Final	160.828	9.142	3	.027

Link function: Logit.

Goodness-of-Fit

	Chi-Square	df	Sig.
Pearson	73.921	73	.448
Deviance	71.111	73	.541

Link function: Logit.

Pseudo R-Square

Cox and Snell	.065
Nagelkerke	.068
McFadden	.022

Link function: Logit.

Parameter Estimates

		Estimate	Std. Error	Wald	df	Sig.	95% ... Lower Bound
Threshold	[CNM = 1.00]	-1.306	.649	4.053	1	.044	-2.577
	[CNM = 2.00]	-.401	.628	.408	1	.523	-1.632
	[CNM = 3.00]	.610	.628	.943	1	.331	-.621
	[CNM = 4.00]	2.081	.652	10.183	1	.001	.803
Location	CS_code	.341	.113	9.167	1	.002	.120
	Alt_career_YN	.067	.367	.033	1	.856	-.653
	Gen_code	-.123	.343	.129	1	.720	-.796

Parameter Estimates

		95% ... Upper Bound
Threshold	[CNM = 1.00]	-.035
	[CNM = 2.00]	.830
	[CNM = 3.00]	1.840
	[CNM = 4.00]	3.360
Location	CS_code	.562
	Alt_career_YN	.786
	Gen_code	.550

Link function: Logit.

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Notes

Output Created		29-JUL-2026 15:35:30
Comments		
Input	Data	C: \Users\harri\OneDrive\Documents\#yourpalaeolife\#yourpalaeolife 2\Statistics and data\OLR ConfidencexRC\OLR ConfidencexRC.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	173
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		PLUM CGS WITH CS_code Alt_career_YN Gen_code /CRITERIA=CIN(95) DELTA(0) LCONVERGE(0) MXITER(100) MXSTEP(5) PCONVERGE(1.0E-6) SINGULAR(1.0E-8) /LINK=LOGIT /PRINT=FIT PARAMETER SUMMARY.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.01

Warnings

There are 41 (41.0%) cells (i.e., dependent variable levels by observed combinations of predictor variable values) with zero frequencies.

Case Processing Summary

		N	Marginal Percentage
CGS	1.00	6	4.4%
	2.00	23	16.8%
	3.00	23	16.8%
	4.00	42	30.7%
	5.00	43	31.4%
Valid		137	100.0%
Missing		36	
Total		173	

Model Fitting Information

Model	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	171.732			
Final	154.777	16.955	3	<.001

Link function: Logit.

Goodness-of-Fit

	Chi-Square	df	Sig.
Pearson	115.361	73	.001
Deviance	73.287	73	.469

Link function: Logit.

Pseudo R-Square

Cox and Snell	.116
Nagelkerke	.123
McFadden	.042

Link function: Logit.

Parameter Estimates

		Estimate	Std. Error	Wald	df	Sig.	95% ... Lower Bound
Threshold	[CGS = 1.00]	-1.519	.710	4.574	1	.032	-2.912
	[CGS = 2.00]	.286	.628	.207	1	.649	-.946
	[CGS = 3.00]	1.172	.632	3.433	1	.064	-.068
	[CGS = 4.00]	2.598	.665	15.274	1	<.001	1.295
Location	CS_code	.420	.115	13.310	1	<.001	.194
	Alt_career_YN	-.173	.371	.218	1	.641	-.900
	Gen_code	.320	.343	.872	1	.351	-.352

Parameter Estimates

		95% ... Upper Bound
Threshold	[CGS = 1.00]	-.127
	[CGS = 2.00]	1.517
	[CGS = 3.00]	2.411
	[CGS = 4.00]	3.901
Location	CS_code	.646
	Alt_career_YN	.554
	Gen_code	.991

Link function: Logit.

PLUM - Ordinal Regression

Notes

Output Created		29-JUL-2026 15:35:56
Comments		
Input	Data	C:\Users\harri\OneDrive\Documents\#yourpalaeolife\#yourpalaeolife 2\Statistics and data\OLR ConfidencexRC\OLR ConfidencexRC.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	173
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		PLUM CGM WITH CS_code Alt_career_YN Gen_code /CRITERIA=CIN(95) DELTA(0) LCONVERGE(0) MXITER(100) MXSTEP(5) PCONVERGE(1.0E-6) SINGULAR(1.0E-8) /LINK=LOGIT /PRINT=FIT PARAMETER SUMMARY.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.01

Warnings

There are 40 (40.0%) cells (i.e., dependent variable levels by observed combinations of predictor variable values) with zero frequencies.

Case Processing Summary

		N	Marginal Percentage
CGM	1.00	13	9.6%
	2.00	18	13.2%
	3.00	22	16.2%
	4.00	45	33.1%
	5.00	38	27.9%
Valid		136	100.0%
Missing		37	
Total		173	

Model Fitting Information

Model	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	179.127			
Final	169.103	10.024	3	.018

Link function: Logit.

Goodness-of-Fit

	Chi-Square	df	Sig.
Pearson	81.460	73	.233
Deviance	86.297	73	.137

Link function: Logit.

Pseudo R-Square

Cox and Snell	.071
Nagelkerke	.075
McFadden	.024

Link function: Logit.

Parameter Estimates

		Estimate	Std. Error	Wald	df	Sig.	95% ... Lower Bound
Threshold	[CGM = 1.00]	-.795	.650	1.496	1	.221	-2.070
	[CGM = 2.00]	.247	.627	.155	1	.694	-.982
	[CGM = 3.00]	1.050	.631	2.766	1	.096	-.187
	[CGM = 4.00]	2.539	.663	14.664	1	<.001	1.240
Location	CS_code	.277	.112	6.101	1	.014	.057
	Alt_career_YN	.039	.369	.011	1	.915	-.685
	Gen_code	.428	.345	1.537	1	.215	-.248

Parameter Estimates

		95% ... Upper Bound
Threshold	[CGM = 1.00]	.479
	[CGM = 2.00]	1.476
	[CGM = 3.00]	2.286
	[CGM = 4.00]	3.839
Location	CS_code	.497
	Alt_career_YN	.763
	Gen_code	1.104

Link function: Logit.

PLUM - Ordinal Regression

Notes

Output Created		29-JUL-2026 15:36:18
Comments		
Input	Data	C:\Users\harri\OneDrive\Documents\#yourpalaeolife\#yourpalaeolife 2\Statistics and data\OLR ConfidencexRC\OLR ConfidencexRC.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	173
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		PLUM CTP WITH CS_code Alt_career_YN Gen_code /CRITERIA=CIN(95) DELTA(0) LCONVERGE(0) MXITER(100) MXSTEP(5) PCONVERGE(1.0E-6) SINGULAR(1.0E-8) /LINK=LOGIT /PRINT=FIT PARAMETER SUMMARY.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

Warnings

There are 45 (45.0%) cells (i.e., dependent variable levels by observed combinations of predictor variable values) with zero frequencies.

Case Processing Summary

		N	Marginal Percentage
CTP	1.00	3	2.2%
	2.00	11	8.0%
	3.00	27	19.7%
	4.00	53	38.7%
	5.00	43	31.4%
Valid		137	100.0%
Missing		36	
Total		173	

Model Fitting Information

Model	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	149.552			
Final	144.825	4.727	3	.193

Link function: Logit.

Goodness-of-Fit

	Chi-Square	df	Sig.
Pearson	137.689	73	<.001
Deviance	70.518	73	.561

Link function: Logit.

Pseudo R-Square

Cox and Snell	.034
Nagelkerke	.036
McFadden	.013

Link function: Logit.

Parameter Estimates

		Estimate	Std. Error	Wald	df	Sig.	95% ... Lower Bound
Threshold	[CTP = 1.00]	-3.060	.833	13.494	1	<.001	-4.693
	[CTP = 2.00]	-1.426	.660	4.666	1	.031	-2.719
	[CTP = 3.00]	-.079	.633	.016	1	.901	-1.319
	[CTP = 4.00]	1.599	.649	6.071	1	.014	.327
Location	CS_code	.222	.113	3.894	1	.048	.001
	Alt_career_YN	.231	.376	.377	1	.539	-.506
	Gen_code	.054	.346	.024	1	.877	-.625

Parameter Estimates

		95% ... Upper Bound
Threshold	[CTP = 1.00]	-1.427
	[CTP = 2.00]	-.132
	[CTP = 3.00]	1.161
	[CTP = 4.00]	2.871
Location	CS_code	.443
	Alt_career_YN	.967
	Gen_code	.733

Link function: Logit.

PLUM - Ordinal Regression

Notes

Output Created		29-JUL-2026 15:37:04
Comments		
Input	Data	C:\Users\harri\OneDrive\Documents\#yourpalaeolife\#yourpalaeolife 2\Statistics and data\OLR ConfidencexRC\OLR ConfidencexRC.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	173
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		PLUM CSS WITH CS_code Alt_career_YN Gen_code /CRITERIA=CIN(95) DELTA(0) LCONVERGE(0) MXITER(100) MXSTEP(5) PCONVERGE(1.0E-6) SINGULAR(1.0E-8) /LINK=LOGIT /PRINT=FIT ...
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.01

Warnings

There are 47 (49.5%) cells (i.e., dependent variable levels by observed combinations of predictor variable values) with zero frequencies.

Case Processing Summary

		N	Marginal Percentage
CSS	1.00	3	2.2%
	2.00	6	4.4%
	3.00	19	14.1%
	4.00	57	42.2%
	5.00	50	37.0%
Valid		135	100.0%
Missing		38	
Total		173	

Model Fitting Information

Model	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	146.391			
Final	137.665	8.727	3	.033

Link function: Logit.

Goodness-of-Fit

	Chi-Square	df	Sig.
Pearson	122.608	69	<.001
Deviance	75.866	69	.267

Link function: Logit.

Pseudo R-Square

Cox and Snell	.063
Nagelkerke	.068
McFadden	.026

Link function: Logit.

Parameter Estimates

		Estimate	Std. Error	Wald	df	Sig.	95% ... Lower Bound
Threshold	[CSS = 1.00]	-2.778	.842	10.893	1	<.001	-4.428
	[CSS = 2.00]	-1.623	.700	5.377	1	.020	-2.995
	[CSS = 3.00]	-.307	.654	.220	1	.639	-1.587
	[CSS = 4.00]	1.651	.670	6.073	1	.014	.338
Location	CS_code	.103	.116	.786	1	.375	-.125
	Alt_career_YN	1.034	.408	6.423	1	.011	.234
	Gen_code	.339	.364	.870	1	.351	-.373

Parameter Estimates

		95% ... Upper Bound
Threshold	[CSS = 1.00]	-1.128
	[CSS = 2.00]	-.251
	[CSS = 3.00]	.974
	[CSS = 4.00]	2.964
Location	CS_code	.330
	Alt_career_YN	1.834
	Gen_code	1.052

Link function: Logit.

PLUM - Ordinal Regression

Notes

Output Created		29-JUL-2026 15:37:32
Comments		
Input	Data	C: \Users\harri\OneDrive\Documents\#yourpalaeolife\#yourpalaeolife 2\Statistics and data\OLR ConfidencexRC\OLR ConfidencexRC.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	173
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		PLUM CFTM WITH CS_code Alt_career_YN Gen_code /CRITERIA=CIN(95) DELTA(0) LCONVERGE(0) MXITER(100) MXSTEP(5) PCONVERGE(1.0E-6) SINGULAR(1.0E-8) /LINK=LOGIT /PRINT=FIT PARAMETER SUMMARY.
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.02

Warnings

There are 50 (52.6%) cells (i.e., dependent variable levels by observed combinations of predictor variable values) with zero frequencies.

Case Processing Summary

		N	Marginal Percentage
CFTM	1.00	6	4.4%
	2.00	3	2.2%
	3.00	15	11.0%
	4.00	44	32.4%
	5.00	68	50.0%
Valid		136	100.0%
Missing		37	
Total		173	

Model Fitting Information

Model	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	140.445			
Final	140.174	.271	3	.965

Link function: Logit.

Goodness-of-Fit

	Chi-Square	df	Sig.
Pearson	96.837	69	.015
Deviance	83.451	69	.113

Link function: Logit.

Pseudo R-Square

Cox and Snell	.002
Nagelkerke	.002
McFadden	.001

Link function: Logit.

Parameter Estimates

		Estimate	Std. Error	Wald	df	Sig.	95% ... Lower Bound
Threshold	[CFTM = 1.00]	-3.319	.768	18.698	1	<.001	-4.823
	[CFTM = 2.00]	-2.890	.730	15.660	1	<.001	-4.321
	[CFTM = 3.00]	-1.784	.681	6.867	1	.009	-3.118
	[CFTM = 4.00]	-.241	.661	.133	1	.716	-1.536
Location	CS_code	.013	.116	.012	1	.913	-.215
	Alt_career_YN	.090	.393	.053	1	.819	-.681
	Gen_code	-.175	.366	.227	1	.633	-.892

Parameter Estimates

		95% ... Upper Bound
Threshold	[CFTM = 1.00]	-1.815
	[CFTM = 2.00]	-1.459
	[CFTM = 3.00]	-.450
	[CFTM = 4.00]	1.054
Location	CS_code	.240
	Alt_career_YN	.861
	Gen_code	.543

Link function: Logit.

PLUM - Ordinal Regression

Notes

Output Created		29-JUL-2026 15:37:53
Comments		
Input	Data	C:\Users\harri\OneDrive\Documents\#yourpalaeolife\#yourpalaeolife 2\Statistics and data\OLR ConfidencexRC\OLR ConfidencexRC.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	173
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		PLUM CEL WITH CS_code Alt_career_YN Gen_code /CRITERIA=CIN(95) DELTA(0) LCONVERGE(0) MXITER(100) MXSTEP(5) PCONVERGE(1.0E-6) SINGULAR(1.0E-8) /LINK=LOGIT /PRINT=FIT PARAMETER SUMMARY.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

Warnings

There are 43 (45.3%) cells (i.e., dependent variable levels by observed combinations of predictor variable values) with zero frequencies.

Case Processing Summary

		N	Marginal Percentage
CEL	1.00	4	2.9%
	2.00	8	5.9%
	3.00	21	15.4%
	4.00	59	43.4%
	5.00	44	32.4%
Valid		136	100.0%
Missing		37	
Total		173	

Model Fitting Information

Model	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	139.329			
Final	138.822	.507	3	.917

Link function: Logit.

Goodness-of-Fit

	Chi-Square	df	Sig.
Pearson	96.041	69	.017
Deviance	68.212	69	.504

Link function: Logit.

Pseudo R-Square

Cox and Snell	.004
Nagelkerke	.004
McFadden	.001

Link function: Logit.

Parameter Estimates

		Estimate	Std. Error	Wald	df	Sig.	95% ... Lower Bound
Threshold	[CEL = 1.00]	-3.174	.794	15.998	1	<.001	-4.729
	[CEL = 2.00]	-2.011	.682	8.703	1	.003	-3.346
	[CEL = 3.00]	-.812	.645	1.581	1	.209	-2.076
	[CEL = 4.00]	1.068	.648	2.713	1	.100	-.203
Location	CS_code	.041	.114	.129	1	.719	-.182
	Alt_career_YN	.189	.384	.242	1	.623	-.563
	Gen_code	.099	.355	.078	1	.780	-.597

Parameter Estimates

		95% ... Upper Bound
Threshold	[CEL = 1.00]	-1.619
	[CEL = 2.00]	-.675
	[CEL = 3.00]	.453
	[CEL = 4.00]	2.339
Location	CS_code	.263
	Alt_career_YN	.940
	Gen_code	.795

Link function: Logit.