

Table 14. General linear model (GLM) analysis of LPUE of Georges Bank cod for interviewed trips landing cod during 1978-1993 as a function of year, area, quarter, tonnage class and depth with no interaction.

General Linear Models Procedure					
Dependent Variable: LNCPUEDF					
Source	DF	Sum of Squares	Mean Square	F Value	> F
Model	28	31732.79388553	1133.31406734	735.46	0.0001
Error	54356	83760.33125977	1.54095834		
Corrected Total	54384	115493.12514529			
R-Square	C. V.	Root MSE	LNCPUEDF Mean		
0.274759	-549.0211	1.24135343	-0.22610303		
Source	DF	Type I SS	Mean Square	F Value	Pr > F
YEAR	15	12685.54117665	845.70274511	548.82	0.0001
AREA	5	5241.16957276	1048.23391455	680.25	0.0001
QTR	3	4097.78364005	1365.92788002	886.41	0.0001
TC2	3	6023.47684536	2007.82561512	1302.97	0.0001
DEPTH	2	3684.82265071	1842.41132535	1195.63	0.0001
Source	DF	Type III SS	Mean Square	F Value	Pr > F
YEAR	15	15953.77293165	1063.58486211	690.21	0.0001
AREA	5	7615.39757423	1523.07951485	988.40	0.0001
QTR	3	3159.27477519	1053.09159173	683.40	0.0001
TC2	3	6322.64153966	2107.54717989	1367.69	0.0001
DEPTH	2	3684.82265071	1842.41132535	1195.63	0.0001
Parameter	Estimate	T for H0: Parameter=0	Pr > T	Std Error of Estimate	Retransformed Estimate
INTERCEPT	0.760997649 B	26.75	0.0001	0.02844571	
AREA	522 -0.444577000 B	-29.48	0.0001	0.01507858	0.641168
	523 -0.010785910 B	-0.53	0.5968	0.02038704	0.989478
	524 -0.735978983 B	-41.37	0.0001	0.01778914	0.479112
	525 -0.843403568 B	-36.88	0.0001	0.02286656	0.430356
	526 -1.194326116 B	-60.80	0.0001	0.01964379	0.302966
	521 0.000000000 B	.	.	.	1.000000
QTR	1 -0.057274522 B	-3.86	0.0001	0.01482597	0.944439
	3 -0.621223632 B	-41.41	0.0001	0.01500215	0.537347
	4 -0.417172723 B	-26.54	0.0001	0.01571823	0.658989
	2 0.000000000 B	.	.	.	1.000000
Toncl ass	31 -0.793757151 B	-32.66	0.0001	0.02430028	0.452276
	32 -0.540370836 B	-33.92	0.0001	0.01593153	0.582606
	41 0.433927651 B	33.67	0.0001	0.01288832	1.543435
	33 0.000000000 B	.	.	.	1.000000
DEPTHCD	1 0.731465629 B	48.11	0.0001	0.01520442	2.078364
	2 0.373888353 B	24.87	0.0001	0.01503558	1.453539
	3 0.000000000 B	.	.	.	1.000000