Component	Term	Estimate	Std Error	t-value	p-value
A. parametric coefficients	(Intercept)	-9.286	6.853	-1.355	0.1755
	as.factor(Year)1980	2.090	8.658	0.241	0.8092
	as.factor(Year)1981	-28.796	7,206,180.128	-0.000	1.0000
	as.factor(Year)1982	-2.175	25.973	-0.084	0.9333
	as.factor(Year)1983	-28.304	13,435,700.093	-0.000	1.0000
	as.factor(Year)1984	-0.100	13.073	-0.008	0.9939
	as.factor(Year)1988	1.146	7.280	0.157	0.8749
	as.factor(Year)1989	-1.584	7.229	-0.219	0.8266
	as.factor(Year)1990	-0.341	6.844	-0.050	0.9603
	as.factor(Year)1991	1.896	7.148	0.265	0.7909
	as.factor(Year)1992	3.864	6.710	0.576	0.5648
	as.factor(Year)1993	4.207	6.710	0.627	0.5307
	as.factor(Year)1994	3.694	6.710	0.551	0.5820
	as.factor(Year)1995	3.869	6.710	0.577	0.5643
	as.factor(Year)1996	3.936	6.710	0.587	0.5575
	as.factor(Year)1997	3.845	6.710	0.573	0.5667
	as.factor(Year)1998	0.420	6.957	0.060	0.9519
	as.factor(Year)1999	3.112	6.855	0.454	0.6498
	as.factor(Year)2000	3.449	6.711	0.514	0.6073
	as.factor(Year)2001	1.657	6.719	0.247	0.8052
	as.factor(Year)2002	4.642	6.710	0.692	0.4891
	as.factor(Year)2003	4.092	6.710	0.610	0.5420
	as.factor(Year)2004	4.499	6.710	0.671	0.5025
	as.factor(Year)2005	4.233	6.710	0.631	0.5282
	as.factor(Year)2006	4.390	6.710	0.654	0.5130
	as.factor(Year)2007	4.765	6.710	0.710	0.4776
	as.factor(Year)2008	2.359	6.715	0.351	0.7254
	as.factor(Year)2009	2.706	6.711	0.403	0.6868

Signif. codes: 0 <= '***' < 0.001 < '**' < 0.01 < '*' < 0.05

Adjusted R-squared: 0.159, Deviance explained 0.515

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Component	Term	Estimate	Std Error	t-value	p-value	
	as.factor(Year)2010	3.894	6.712	0.580	0.5619	
	as.factor(Year)2011	3.973	6.710	0.592	0.5538	
	as.factor(Year)2012	4.322	6.710	0.644	0.5196	
	as.factor(Year)2013	3.298	6.711	0.491	0.6232	
	as.factor(Year)2014	5.470	6.710	0.815	0.4150	
	as.factor(Year)2015	5.671	6.710	0.845	0.3981	
	as.factor(Year)2016	3.478	6.711	0.518	0.6043	
	as.factor(Year)2017	3.945	6.711	0.588	0.5567	
	as.factor(Year)2018	3.576	6.720	0.532	0.5946	
	as.factor(Year)2019	3.431	6.722	0.510	0.6097	
	as.factor(Year)2020	4.459	6.805	0.655	0.5123	
	as.factor(Year)2021	4.043	6.715	0.602	0.5472	
	as.factor(Year)2022	3.434	6.726	0.511	0.6097	
	SurveyCTLISTS	8.812	1.399	6.301	0.0000	***
	SurveyDEBay	5.108	1.412	3.618	0.0003	***
	SurveyGAEMTS	9.618	1.398	6.881	0.0000	***
	SurveyNJOT	4.350	1.407	3.091	0.0020	**
Component	**Term**	**edf**	**Ref. df**	**F-value**	**p-value**	
B. smooth terms	s(SurfTemp)	8.319	8.821	191.630	0.0000	***
	s(Depth.m)	8.035	8.416	209.017	0.0000	***

Signif. codes: 0 <= '***' < 0.001 < '**' < 0.01 < '*' < 0.05

Adjusted R-squared: 0.159, Deviance explained 0.515

GCV : 85.122, Scale est: 31.482, N: 5219