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USE THIS .Rmd TO TEST R CODE CHUNKS, FIGURES AND PLOTS BEFORE INSERTING INTO THE MAIN TEXT OR TO DEBUG

The added variances were highest for the recreational onboard observer survey north of Point Conception

Table 1: Data filtering steps for Deb Wilson-Vandenberg’s CPFV onboard observer index of abundance

Filter	tab:Fleet5_Filter	
	Drifts	Positive Drifts
Remove errors, missing data	6691	1470
Remove 1987 (sampled only MNT), 1990-1991 low sample sizes	4283	1372
Remove reefs that never encountered GBY	4022	1372
Remove lower and upper 2.5% of time fished	3762	1300
Remove depth less than 9 m and greater than 69 m	3515	1279
Remove reefs with low sample rates	2411	1096

Table 2: Model selection for Deb Wilson-Vandenberg’s CPFV onboard observer index of abundance. Bold values indicate the model selected.

Model	tab:Fleet5_AIC	
	Lognormal	Binomial
Year	2834	3330
Year + Depth	2781	2906
Year + Reef	2716	2880
Year + Month	2839	3286
Year + Depth + Reef	2625	2488
Year + Month+ Reef	2725	2844
Year + Depth + Month	2780	2902
Year+ Depth+Month+Reef	2632	2479