Text S1. Effects of eelgrass and oyster culture on community composition

Methods

To test for the effect of region, eelgrass (no, sparse, dense) and oyster (no, bottom culture, suspended culture) on community composition, we used the mvabund package in R. Rare species (occurring <5% were removed, as in our other analyses. Using the manyglm function, we created GLM models for each season and method. Region, eelgrass & oysters were treated as fixed effects, and the eelgrass x oyster interaction was tested. Models were fit using negative binomial distribution (using a log-link and unknown overdispersion parameter, and with default cor.type = "I", where independence is assumed) and checked with residual analysis using Dunn-Smyth residuals. Analysis of deviance (ANODEV) was run to determine significant effects on community composition, assuming uncorrelated responses and with PIT-trap resampling. See *Methods* section for more details on data processing. A post-hoc test was performed on spring video data to further investigate the effect of eelgrass x culture interaction on community composition. For this univariate test, P-values were adjusted for multiple testing, using a stepdown resampling procedure.

Results

There is a significant effect of eelgrass and oyster culture on nekton community composition, demonstrated by both spring and summer seine data, as well as summer video data. Spring video data was limited due to visibility issues (only four taxa and few observations), resulting in insufficient data when examined alone. There was no strong evidence of an eelgrass x oyster interaction effect on nekton community composition. Interestingly, spring video data indicated a significant effect of this interaction, but for reasons stated above concerning sampling, we do not find this to be strong evidence of an eelgrass x oyster interaction. Furthermore, post hoc tests for spring video data revealed no significant drivers of the possible eelgrass x oyster interaction.

Table S1. Results from ANODEV showing significant effects of oyster culture and eelgrass levels on nekton community composition. The eelgrass x oyster interaction was only significant in spring video data.

Seine Data

SPRING	Res. DF	DF Diff	Dev	Pr(>Dev)
(Intercept)	65			
Region	60	5	277.6	**0.001**
Eelgrass	58	2	144.0	**0.001**
Oysters	56	2	104.9	**0.001**
Eelgrass : Oyster	52	4	106.6	0.104

SUMMER	Res. DF	DF Diff	Dev	Pr(>Dev)
(Intercept)	65			
Region	60	5	278.6	**0.001**
Eelgrass	58	2	103.6	**0.001**
Oysters	56	2	115.6	**0.001**
Eelgrass : Oyster	52	4	81.24	0.281

Video Data

SPRING*	Res. DF	DF Diff	Dev	Pr(>Dev)
(Intercept)	48			
Region	43	5	86.40	**0.001**
Eelgrass	41	2	14.61	0.148
Oysters	39	2	16.96	0.068
Eelgrass : Oyster	35	4	29.05	**0.027**

SUMMER	Res. DF	DF Diff	Dev	Pr(>Dev)
(Intercept)	50			
Region	45	5	103.87	**0.004**
Eelgrass	43	2	55.83	**0.001**
Oysters	41	2	55.61	**0.006**
Eelgrass : Oyster	37	4	34.03	0.781

*Univariate Post-Hoc test for spring video data

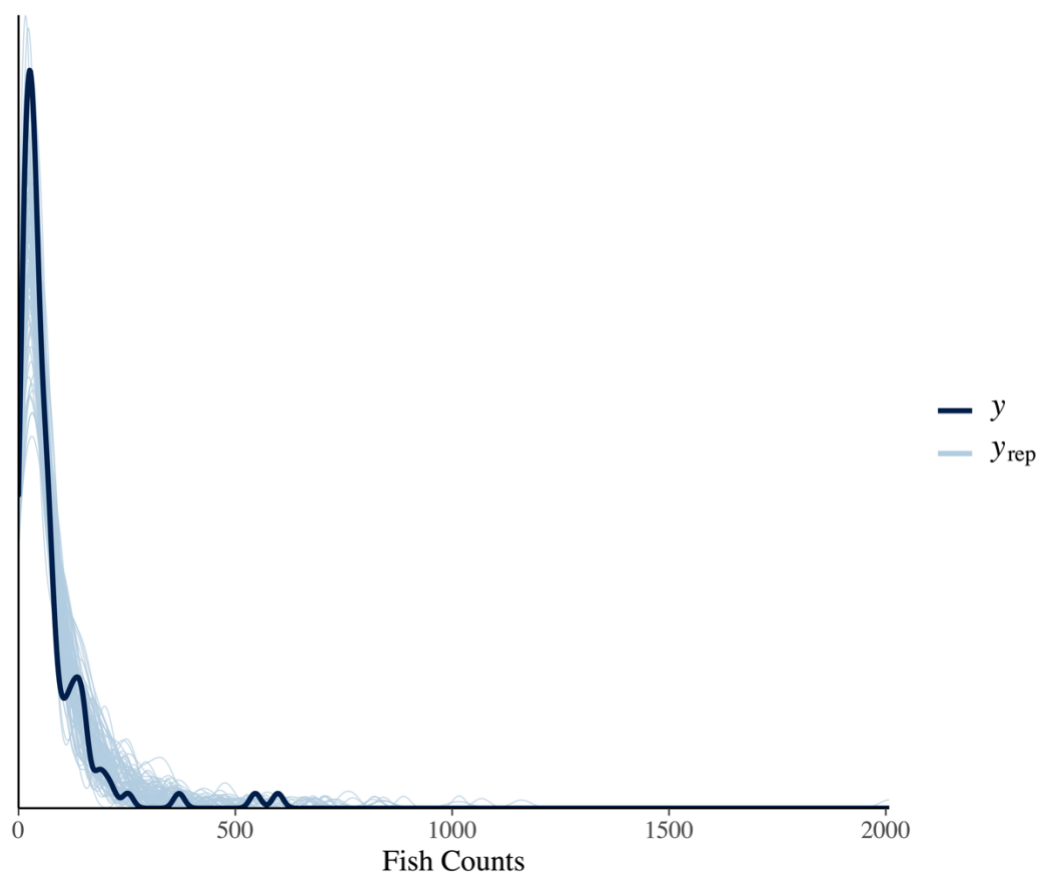| SPRING	Dungeness crab		*Hemigrapsus*		Saddleback gunnel		Shiner perch	
	Dev	Pr(>Dev)	Dev	Pr(>Dev)	Dev	Pr(>Dev)	Dev	Pr(>Dev)
Region	47.37	0.001	6.336	0.331	9.294	0.127	23.397	0.001
Eelgrass	3.449	0.559	9.636	0.043	0.61	0.929	0.917	0.929
Oysters	7.486	0.126	5.982	0.204	0.386	0.867	3.105	0.523
Eelgrass : Oyster	11.648	0.195	0	0.820	5.255	0.195	12.148	0.195

Figure S1. Posterior predictive check for model of fish abundance as a function of eelgrass density, culture type, and season

Table S2 Boral Output for each of the three models from seine data (Associated with Fig 5a, and 4a (spring then summer), respectively), showing taxa, factor type, average (median or mean), estimated coefficient as well as the lower and upper highest posterior density values.

SUMMER –
Oyster Present (fig 5a)

Taxa	Factor	Average Type	Coefficient	Lower HPD	Upper HPD
shiner perch	EelSum_y.n	median	1.53175421	0.747327	2.288351
saddleback gunnel	EelSum_y.n	median	0.68984644	0.120608	1.339503
staghorn sculpin	EelSum_y.n	median	-0.0770576	-0.69743	0.462353
crangon shrimp	EelSum_y.n	median	0.45099857	-0.32003	1.122827
dungeness crab	EelSum_y.n	median	0.86471284	-0.51101	2.11725
english sole	EelSum_y.n	median	0.19153859	-1.11937	1.36533
hippolytid shrimp	EelSum_y.n	median	1.16624266	-0.331	2.677107
pipefish	EelSum_y.n	median	2.27077835	0.583438	4.101789
arrow goby	EelSum_y.n	median	-0.1550024	-1.48756	1.251544
stickleback	EelSum_y.n	median	1.71881169	-0.50353	4.315138
hemigrapsus	EelSum_y.n	median	0.54233276	-1.45737	2.56899
kelp greenling	EelSum_y.n	median	-0.732992	-3.98993	1.910999
chinook salmon	EelSum_y.n	median	-1.2848504	-3.56291	0.760047
starry flounder	EelSum_y.n	median	-0.0499244	-2.98613	2.686432
green crab	EelSum_y.n	median	-0.9305965	-5.24251	2.772584
kelp crab	EelSum_y.n	median	0.96623689	-3.08221	5.270449
red rock crab	EelSum_y.n	median	1.04310116	-3.60817	4.787015
silver surf perch	EelSum_y.n	median	0.12638245	-3.77421	5.119691
shiner perch	culture.vec	median	-0.8289364	-1.50099	-0.12924
saddleback gunnel	culture.vec	median	-0.7159267	-1.30677	-0.11892
staghorn sculpin	culture.vec	median	-0.6680775	-1.26071	-0.15197
crangon shrimp	culture.vec	median	0.39959455	-0.29539	1.124609
dungeness crab	culture.vec	median	-1.1944432	-2.54553	0.111232
english sole	culture.vec	median	-1.610006	-2.83878	-0.50408
hippolytid shrimp	culture.vec	median	0.30937161	-1.15653	1.754264
pipefish	culture.vec	median	-0.9001961	-2.15988	0.590878
arrow goby	culture.vec	median	1.26392731	-0.07523	2.544862
stickleback	culture.vec	median	-0.5771317	-2.5668	1.098826
hemigrapsus	culture.vec	median	1.50608286	-0.29182	3.420083
kelp greenling	culture.vec	median	-1.5591685	-4.43476	1.670039
chinook salmon	culture.vec	median	-4.0995802	-7.9313	-0.94939
starry flounder	culture.vec	median	-2.3585783	-5.17591	0.365663
green crab	culture.vec	median	0.99192154	-2.97427	4.08297
kelp crab	culture.vec	median	-0.0759643	-4.21392	3.596615
red rock crab	culture.vec	median	-0.8032292	-4.50627	3.155033
silver surf perch	culture.vec	median	1.13892941	-3.00279	5.575092

shiner perch	EelSum_y.n	mean	1.53669828
saddleback gunnel	EelSum_y.n	mean	0.6958287
staghorn sculpin	EelSum_y.n	mean	-0.0853758
crangon shrimp	EelSum_y.n	mean	0.4382534
dungeness crab	EelSum_y.n	mean	0.86415395
english sole	EelSum_y.n	mean	0.18593095
hippolytid shrimp	EelSum_y.n	mean	1.19866835
pipefish	EelSum_y.n	mean	2.31911735
arrow goby	EelSum_y.n	mean	-0.1498548
stickleback	EelSum_y.n	mean	1.77936876
hemigrapsus	EelSum_y.n	mean	0.5408762
kelp greenling	EelSum_y.n	mean	-0.6857632
chinook salmon	EelSum_y.n	mean	-1.3104015
starry flounder	EelSum_y.n	mean	-0.0124906
green crab	EelSum_y.n	mean	-1.0468549
kelp crab	EelSum_y.n	mean	0.947739
red rock crab	EelSum_y.n	mean	1.01739188
silver surf perch	EelSum_y.n	mean	0.12219201
shiner perch	culture.vec	mean	-0.8285943
saddleback gunnel	culture.vec	mean	-0.7208754
staghorn sculpin	culture.vec	mean	-0.678615
crangon shrimp	culture.vec	mean	0.37919411
dungeness crab	culture.vec	mean	-1.1732187
english sole	culture.vec	mean	-1.6273525
hippolytid shrimp	culture.vec	mean	0.32307197
pipefish	culture.vec	mean	-0.9269195
arrow goby	culture.vec	mean	1.27184403
stickleback	culture.vec	mean	-0.5921768
hemigrapsus	culture.vec	mean	1.4753482
kelp greenling	culture.vec	mean	-1.550173
chinook salmon	culture.vec	mean	-4.2759411
starry flounder	culture.vec	mean	-2.4042838
green crab	culture.vec	mean	0.93242451
kelp crab	culture.vec	mean	-0.0857413
red rock crab	culture.vec	mean	-0.7532736
silver surf perch	culture.vec	mean	1.04053237

SPRING (fig 4a)

Taxa	Factor	Average Type	Coefficient	Lower HPD	Upper HPD
arrow goby	OySpring_y.n	median	0.687158	-0.26397	1.611693
bay goby	OySpring_y.n	median	1.953853	-1.03229	5.157006
cabezon	OySpring_y.n	median	0.419884	-2.41907	3.342003
chum salmon	OySpring_y.n	median	-0.95615	-4.12868	2.145189

crangon shrimp	OySpring_y.n	median	-0.55193	-0.99127	-0.09969
dungeness crab	OySpring_y.n	median	-0.46756	-1.66047	0.592038
english sole	OySpring_y.n	median	-0.92088	-1.42639	-0.42062
hemigrapsus	OySpring_y.n	median	1.369736	0.090773	2.796555
hippolytid shrimp	OySpring_y.n	median	1.257765	0.544803	1.904163
kelp greenling	OySpring_y.n	median	1.146872	-2.08649	4.090366
pipefish	OySpring_y.n	median	-1.67975	-3.00922	-0.50479
red rock crab	OySpring_y.n	median	0.754226	-2.06115	3.402378
saddleback gunnel	OySpring_y.n	median	-0.20186	-0.8031	0.324738
shiner perch	OySpring_y.n	median	0.529973	-2.91526	3.31079
staghorn sculpin	OySpring_y.n	median	-0.28634	-0.78657	0.237219
starry flounder	OySpring_y.n	median	-1.3058	-3.60001	0.851629
stickleback	OySpring_y.n	median	-1.97802	-3.30987	-0.44857
surf smelt	OySpring_y.n	median	-1.01743	-3.35104	1.91911
unID sculpin	OySpring_y.n	median	0.253784	-1.46446	1.76256
arrow goby	EelSpring_y.n	median	-1.04247	-2.22363	-0.00671
bay goby	EelSpring_y.n	median	-2.52018	-5.63967	0.233859
cabezon	EelSpring_y.n	median	1.665538	-2.01799	5.333734
chum salmon	EelSpring_y.n	median	1.408777	-2.27019	4.644891
crangon shrimp	EelSpring_y.n	median	1.115284	0.59572	1.633195
dungeness crab	EelSpring_y.n	median	-0.71874	-1.95952	0.577052
english sole	EelSpring_y.n	median	-0.21601	-0.80376	0.456747
hemigrapsus	EelSpring_y.n	median	-0.02215	-1.42989	1.182129
hippolytid shrimp	EelSpring_y.n	median	1.11974	0.483988	1.935022
kelp greenling	EelSpring_y.n	median	0.317777	-3.02449	3.716362
pipefish	EelSpring_y.n	median	2.367001	0.32585	4.385223
red rock crab	EelSpring_y.n	median	-0.04993	-3.13891	2.693432
saddleback gunnel	EelSpring_y.n	median	1.333523	0.652378	2.076592
shiner perch	EelSpring_y.n	median	-2.38118	-6.04309	0.922493
staghorn sculpin	EelSpring_y.n	median	0.339152	-0.36472	1.042418
starry flounder	EelSpring_y.n	median	-0.56982	-2.52588	1.651983
stickleback	EelSpring_y.n	median	2.204463	0.312498	4.285698
surf smelt	EelSpring_y.n	median	1.323491	-1.35904	4.300785
unID sculpin	EelSpring_y.n	median	-0.03077	-1.99267	1.728118
arrow goby	OySpring_y.n	mean	0.700772		
bay goby	OySpring_y.n	mean	2.001686		
cabezon	OySpring_y.n	mean	0.419942		
chum salmon	OySpring_y.n	mean	-0.94662		
crangon shrimp	OySpring_y.n	mean	-0.55684		
dungeness crab	OySpring_y.n	mean	-0.48333		
english sole	OySpring_y.n	mean	-0.91964		
hemigrapsus	OySpring_y.n	mean	1.391071		
hippolytid shrimp	OySpring_y.n	mean	1.24478		

kelp greenling	OySpring_y.n	mean	1.099248
pipefish	OySpring_y.n	mean	-1.69368
red rock crab	OySpring_y.n	mean	0.734732
saddleback gunnel	OySpring_y.n	mean	-0.20678
shiner perch	OySpring_y.n	mean	0.485935
staghorn sculpin	OySpring_y.n	mean	-0.29351
starry flounder	OySpring_y.n	mean	-1.3396
stickleback	OySpring_y.n	mean	-1.97397
surf smelt	OySpring_y.n	mean	-0.9835
unID sculpin	OySpring_y.n	mean	0.230533
arrow goby	EelSpring_y.n	mean	-1.04816
bay goby	EelSpring_y.n	mean	-2.60721
cabezon	EelSpring_y.n	mean	1.696691
chum salmon	EelSpring_y.n	mean	1.317606
crangon shrimp	EelSpring_y.n	mean	1.118458
dungeness crab	EelSpring_y.n	mean	-0.74715
english sole	EelSpring_y.n	mean	-0.21492
hemigrapsus	EelSpring_y.n	mean	-0.0419
hippolytid shrimp	EelSpring_y.n	mean	1.132695
kelp greenling	EelSpring_y.n	mean	0.280726
pipefish	EelSpring_y.n	mean	2.403517
red rock crab	EelSpring_y.n	mean	-0.11449
saddleback gunnel	EelSpring_y.n	mean	1.344729
shiner perch	EelSpring_y.n	mean	-2.38477
staghorn sculpin	EelSpring_y.n	mean	0.352178
starry flounder	EelSpring_y.n	mean	-0.57085
stickleback	EelSpring_y.n	mean	2.207677
surf smelt	EelSpring_y.n	mean	1.399886

SUMMER (fig 4a)

Taxa	Factor	Average Type	Coefficient	Lower HPD	Upper HPD
arrow goby	OySum_y.n	median	0.132231	-1.22902	1.331201
chinook salmon	OySum_y.n	median	1.14819	-0.96671	3.211801
crangon shrimp	OySum_y.n	median	-0.25299	-0.63877	0.181298
dungeness crab	OySum_y.n	median	0.266425	-0.66063	1.196628
english sole	OySum_y.n	median	-0.61863	-1.66009	0.25697
green crab	OySum_y.n	median	2.754828	-1.09229	6.559976
hemigrapsus	OySum_y.n	median	2.437754	0.45091	4.831943
hippolytid shrimp	OySum_y.n	median	0.933854	-0.02533	1.895527
kelp greenling	OySum_y.n	median	0.816195	-1.31251	2.986604
pipefish	OySum_y.n	median	0.037933	-0.78512	0.705453
saddleback gunnel	OySum_y.n	median	0.07412	-0.46448	0.611909

shiner perch	OySum_y.n	median	-1.08406	-1.60936	-0.50926
staghorn sculpin	OySum_y.n	median	-0.06157	-0.52135	0.442049
starry flounder	OySum_y.n	median	-0.78853	-2.20834	0.655167
stickleback	OySum_y.n	median	-1.00029	-1.985	0.097112
arrow goby	EelSum_y.n	median	0.290218	-1.15913	1.598215
chinook salmon	EelSum_y.n	median	-1.44248	-3.50094	0.463196
crangon shrimp	EelSum_y.n	median	0.158756	-0.3015	0.580842
dungeness crab	EelSum_y.n	median	0.236836	-0.9587	1.508104
english sole	EelSum_y.n	median	-1.13725	-2.75975	0.08744
green crab	EelSum_y.n	median	-0.6916	-3.53476	2.591543
hemigrapsus	EelSum_y.n	median	0.528125	-1.36335	2.479287
hippolytid shrimp	EelSum_y.n	median	1.558676	0.406321	2.719536
kelp greenling	EelSum_y.n	median	0.050925	-2.43073	2.41683
pipefish	EelSum_y.n	median	2.112685	1.084469	3.063606
saddleback gunnel	EelSum_y.n	median	1.019097	0.300844	1.728179
shiner perch	EelSum_y.n	median	1.274501	0.561272	1.968943
staghorn sculpin	EelSum_y.n	median	-0.15017	-0.69866	0.356501
starry flounder	EelSum_y.n	median	-0.70304	-2.49292	0.964374
stickleback	EelSum_y.n	median	1.723774	0.599273	2.908743
arrow goby	OySum_y.n	mean	0.121028		
chinook salmon	OySum_y.n	mean	1.158856		
crangon shrimp	OySum_y.n	mean	-0.25931		
dungeness crab	OySum_y.n	mean	0.258202		
english sole	OySum_y.n	mean	-0.64082		
green crab	OySum_y.n	mean	2.808025		
hemigrapsus	OySum_y.n	mean	2.485815		
hippolytid shrimp	OySum_y.n	mean	0.956078		
kelp greenling	OySum_y.n	mean	0.813309		
pipefish	OySum_y.n	mean	0.027198		
saddleback gunnel	OySum_y.n	mean	0.073639		
shiner perch	OySum_y.n	mean	-1.08133		
staghorn sculpin	OySum_y.n	mean	-0.05746		
starry flounder	OySum_y.n	mean	-0.78788		
stickleback	OySum_y.n	mean	-1.0086		
arrow goby	EelSum_y.n	mean	0.263219		
chinook salmon	EelSum_y.n	mean	-1.46434		
crangon shrimp	EelSum_y.n	mean	0.165445		
dungeness crab	EelSum_y.n	mean	0.253812		
english sole	EelSum_y.n	mean	-1.17187		
green crab	EelSum_y.n	mean	-0.68459		
hemigrapsus	EelSum_y.n	mean	0.517611		
hippolytid shrimp	EelSum_y.n	mean	1.573235		
kelp greenling	EelSum_y.n	mean	-0.01926		

pipefish	EelSum_y.n	mean	2.120211
saddleback gunnel	EelSum_y.n	mean	1.003219
shiner perch	EelSum_y.n	mean	1.260529
staghorn sculpin	EelSum_y.n	mean	-0.15637
starry flounder	EelSum_y.n	mean	-0.71447
stickleback	EelSum_y.n	mean	1.714323

Table S3 Boral Output for each of the three models from video data (Associated with Fig 5b, and 4b (spring then summer), respectively), showing taxa, factor type, average (median or mean), estimated coefficient as well as the lower and upper highest posterior density values.

SUMMER-VIDS
Oyster Present
(Fig 5b)

Taxa	Factor	Average Type	Coefficient	Lower HPD	Upper HPD
Chinook salmon	EelSum_y.n_vids	median	0.089561	-3.17817	2.59683
Dungeness crab	EelSum_y.n_vids	median	-1.42836	-2.36903	-0.52855
English sole	EelSum_y.n_vids	median	-1.92591	-4.80517	0.56378
Bay pipefish	EelSum_y.n_vids	median	0.700747	-1.18538	2.919304
Saddleback gunnel	EelSum_y.n_vids	median	-0.57358	-2.89708	1.929094
Shiner perch	EelSum_y.n_vids	median	-0.20889	-0.9642	0.648861
Staghorn sculpin	EelSum_y.n_vids	median	-0.67217	-2.06008	0.59815
Threespine stick.	EelSum_y.n_vids	median	-1.20638	-5.24273	2.894848
Walleye perch	EelSum_y.n_vids	median	-1.17431	-4.42231	1.094717
White surfperch	EelSum_y.n_vids	median	-4.26802	-7.77107	-0.71759
Chinook salmon	culture.vec	median	1.214044	-1.52729	4.107287
Dungeness crab	culture.vec	median	-1.2039	-2.09011	-0.32547
English sole	culture.vec	median	-0.47868	-2.79859	2.045962
Bay pipefish	culture.vec	median	0.516866	-1.33479	2.033112
Saddleback gunnel	culture.vec	median	-0.28525	-2.3198	1.920945
Shiner perch	culture.vec	median	1.200513	0.467536	1.966713
Staghorn sculpin	culture.vec	median	-0.07437	-1.18247	1.053492
Threespine stick.	culture.vec	median	0.49463	-3.5853	4.277133
Walleye Perch	culture.vec	median	-0.27808	-2.91583	2.059071
White surfperch	culture.vec	median	1.022363	-1.37253	3.781304
Chinook salmon	EelSum_y.n_vids	mean	0.077522		
Dungeness crab	EelSum_y.n_vids	mean	-1.44637		
English sole	EelSum_y.n_vids	mean	-2.01245		
Bay pipefish	EelSum_y.n_vids	mean	0.698936		
Saddleback gunnel	EelSum_y.n_vids	mean	-0.55819		
Shiner perch	EelSum_y.n_vids	mean	-0.2015		
Staghorn sculpin	EelSum_y.n_vids	mean	-0.70475		
Threespine stick.	EelSum_y.n_vids	mean	-1.28521		
Walleye perch	EelSum_y.n_vids	mean	-1.28443		
White surfperch	EelSum_y.n_vids	mean	-4.42272		
Chinook salmon	culture.vec	mean	1.149931		
Dungeness crab	culture.vec	mean	-1.21426		
English sole	culture.vec	mean	-0.51652		
Bay pipefish	culture.vec	mean	0.53635		

Saddleback gunnel	culture.vec	mean	-0.30988
Shiner perch	culture.vec	mean	1.189163
Staghorn sculpin	culture.vec	mean	-0.08665
Threespine stick.	culture.vec	mean	0.473487
Walleye perch	culture.vec	mean	-0.26088
White surfperch	culture.vec	mean	1.033633

SPRING - VIDS (Fig 4b)

Taxa	Factor	Average Type	Coefficient	Lower HPD	Upper HPD
Dungeness crab	OySpring_y.n_vids	median	0.19582467	-0.7882	1.146577
Hemigrapsus	OySpring_y.n_vids	median	0.15449028	-3.23805	3.40462
Saddleback Gunnel	OySpring_y.n_vids	median	-0.5628685	-4.3434	3.270102
Shiner perch	OySpring_y.n_vids	median	2.11768435	-0.41879	4.838072
Dungeness crab	EelSpring_y.n_vids	median	-0.5495249	-1.58249	0.276444
Hemigrapsus	EelSpring_y.n_vids	median	-4.1507584	-8.30476	-0.22634
Saddleback Gunnel	EelSpring_y.n_vids	median	0.32044141	-3.48263	4.386718
Shiner perch	EelSpring_y.n_vids	median	0.22582688	-2.2597	2.65858
Dungeness crab	OySpring_y.n_vids	mean	0.22625617		
Hemigrapsus	OySpring_y.n_vids	mean	0.06890977		
Saddleback Gunnel	OySpring_y.n_vids	mean	-0.5741878		
Shiner perch	OySpring_y.n_vids	mean	2.16130645		
Dungeness crab	EelSpring_y.n_vids	mean	-0.5599561		
Hemigrapsus	EelSpring_y.n_vids	mean	-4.2668875		
Saddleback Gunnel	EelSpring_y.n_vids	mean	0.32890031		
Shiner perch	EelSpring_y.n_vids	mean	0.2379045		

SUMMER- VIDS (Fig 4b)

Taxa	Factor	Average Type	Coefficient	Lower HPD	Upper HPD
Chinook salmon	OySum_y.n_vids	median	1.154996023	-1.93345	3.821428
Dungeness crab	OySum_y.n_vids	median	0.578846273	-0.51922	1.689118
English sole	OySum_y.n_vids	median	0.080034627	-2.01858	1.83615
Bay pipefish	OySum_y.n_vids	median	0.901234828	-0.78095	2.72404
Saddleback gunnel	OySum_y.n_vids	median	1.182808268	-0.86536	3.743252
Shiner perch	OySum_y.n_vids	median	0.562495662	-0.07072	1.224379
Staghorn sculpin	OySum_y.n_vids	median	1.411546901	0.388957	2.444788
Threespine stickleback	OySum_y.n_vids	median	-1.20897465	-4.74156	2.401862
Walleye perch	OySum_y.n_vids	median	0.48996329	-1.52826	2.781358
White surfperch	OySum_y.n_vids	median	2.287052599	-0.60515	5.851373
Chinook salmon	EelSum_y.n_vids	median	0.721015603	-2.11255	3.39518
Dungeness crab	EelSum_y.n_vids	median	-1.21397681	-2.92338	0.096173

English sole	EelSum_y.n_vids	median	-1.80002556	-4.0119	0.479754
Bay pipefish	EelSum_y.n_vids	median	1.255219378	-0.58012	3.240871
Saddleback gunnel	EelSum_y.n_vids	median	-0.15813685	-2.05697	1.89505
Shiner perch	EelSum_y.n_vids	median	0.001623584	-0.66339	0.861985
Staghorn sculpin	EelSum_y.n_vids	median	-0.2403202	-1.36678	0.815191
Threespine stickleback	EelSum_y.n_vids	median	0.083398851	-3.74306	3.352769
Walleye perch	EelSum_y.n_vids	median	-0.934144	-3.08504	1.176584
White surfperch	EelSum_y.n_vids	median	-4.17731599	-7.90167	-1.20701
Chinook salmon	OySum_y.n_vids	mean	1.048887481		
Dungeness crab	OySum_y.n_vids	mean	0.577841216		
English sole	OySum_y.n_vids	mean	0.027264771		
Bay pipefish	OySum_y.n_vids	mean	0.935830316		
Saddleback gunnel	OySum_y.n_vids	mean	1.239371749		
Shiner perch	OySum_y.n_vids	mean	0.553754337		
Staghorn sculpin	OySum_y.n_vids	mean	1.411737874		
Threespine stickleback	OySum_y.n_vids	mean	-1.15202892		
Walleye perch	OySum_y.n_vids	mean	0.497415304		
White surfperch	OySum_y.n_vids	mean	2.32908314		
Chinook salmon	EelSum_y.n_vids	mean	0.643025524		
Dungeness crab	EelSum_y.n_vids	mean	-1.28717033		
English sole	EelSum_y.n_vids	mean	-1.85286556		
Bay pipefish	EelSum_y.n_vids	mean	1.310111451		
Saddleback gunnel	EelSum_y.n_vids	mean	-0.15434928		
Shiner perch	EelSum_y.n_vids	mean	0.02343985		
Staghorn sculpin	EelSum_y.n_vids	mean	-0.2730683		
Threespine stickleback	EelSum_y.n_vids	mean	0.0619857		
Walleye perch	EelSum_y.n_vids	mean	-0.97676594		
White surfperch	EelSum_y.n_vids	mean	-4.39714928		