Supplementary Table S2. Results of the mixed effects model estimating annual lease use and productivity per systems including two new dummy variables to represent harvest in the first three years of a lease. Base level of system for interaction terms is miscellaneous tributaries. Significance is denoted by: p<0.001='**', p<0.01='*, p<0.05='*', p<0.1='.'.

Fixed effects	Y= use (1 0)				Y=ln(productivity)			
	Estimate	Std. Error	p-value	Signif.	Estimate	Std. Error	p-value	Signif.
Year	0.242	0.017	< 2E-16	***	0.056	0.020	0.005	**
Lease age	-6.3E-4	0.005	0.902		-0.004	0.005	0.428	
lease_with_harvest_less3yr	3.402	0.340	<2E-16	***	-0.535	0.239	0.025	*
lease_with_Extensive_harvest_less3yr	-1.269	0.389	0.001	**	0.573	0.275	0.0368	*
Year x Potomac	0.069	0.032	0.028	*	0.091	0.036	0.012	*
Year x Rappahannock	-0.014	0.033	0.680		-0.030	0.039	0.450	
Year x York	0.038	0.048	0.429		-0.092	0.061	0.131	
Year x James	-0.143	0.031	4.03E-6	***	0.103	0.032	0.001	**
Year x Ches. Bay	-0.059	0.031	0.059		0.076	0.035	0.029	*
Aquaculture type					0.057	0.096	0.552	