

**AC (three-way interaction) (All  
controls+Two way FE)****AC (non-linearity) (All  
controls+Two way FE)**

postSurge	1.522***	1.620***
	(0.448)	(0.461)
avg_salinity_5yr	-0.067***	
	(0.017)	
Lag_Aqua	0.635***	0.632***
	(0.009)	(0.009)
postSurge × avg_salinity_5yr	0.160	
	(0.136)	
postSurge × StateAP	-0.898*	-0.970**
	(0.471)	(0.484)
postSurge × StateOD	-1.501***	-1.665***
	(0.449)	(0.461)
avg_salinity_5yr × StateAP	0.130***	
	(0.047)	
avg_salinity_5yr × StateOD	0.138***	
	(0.052)	
postSurge × avg_salinity_5yr × StateAP	0.851***	
	(0.206)	
postSurge × avg_salinity_5yr × StateOD	-0.196	
	(0.146)	
poly(avg_salinity_5yr, 2)1		-25.913
		(19.241)

\* p &lt; 0.1, \*\* p &lt; 0.05, \*\*\* p &lt; 0.01

**AC (three-way interaction) (All controls+Two way FE)****AC (non-linearity) (All controls+Two way FE)**

poly(avg_salinity_5yr, 2)2	88.946***
	(16.906)
postSurge × poly(avg_salinity_5yr, 2)1	146.447
	(163.024)
postSurge × poly(avg_salinity_5yr, 2)2	110.177
	(254.923)
poly(avg_salinity_5yr, 2)1 × StateAP	136.661**
	(60.041)
poly(avg_salinity_5yr, 2)2 × StateAP	69.285
	(57.584)
poly(avg_salinity_5yr, 2)1 × StateOD	70.057
	(44.716)
poly(avg_salinity_5yr, 2)2 × StateOD	135.789***
	(47.443)
postSurge × poly(avg_salinity_5yr, 2)1 × StateAP	837.768***
	(225.057)
postSurge × poly(avg_salinity_5yr, 2)2 × StateAP	207.166
	(285.724)
postSurge × poly(avg_salinity_5yr, 2)1 × StateOD	-244.490
	(168.194)

\* p &lt; 0.1, \*\* p &lt; 0.05, \*\*\* p &lt; 0.01

	AC (three-way interaction) (All controls+Two way FE)	AC (non-linearity) (All controls+Two way FE)
postSurge × poly(avg_salinity_5yr, 2)2 × StateOD		−247.110
		(259.455)
Num.Obs.	756057	756057
R2	0.745	0.746
R2 Adj.	0.734	0.735
R2 Within	0.382	0.383
Std.Errors	by: UniqueID	by: UniqueID
FE: UniqueID	X	X
FE: Year	X	X

\* p < 0.1, \*\* p < 0.05, \*\*\* p < 0.01