

|                                 | <b>AC (surge by states) (Time FE)</b> | <b>AC (surge by states) (Village+Time FE)</b> | <b>AC (salinity by states) (Time FE)</b> | <b>AC (salinity by states) (Village+Time FE)</b> |
|---------------------------------|---------------------------------------|---|--|--|
| Post-Surge (TN or all)          | 0.093***                              | 1.610***                                      | 0.174***                                 | 0.113***   |
|                                 | (0.017)                               | (0.474)                                       | (0.015)                                  | (0.035)  |
| Post-surge (AP wrt TN)          | 0.803***                              | -1.132**                                      |  |  |
|                                 | (0.055)                               | (0.498)                                       |  |  |
| Post-surge (OD wrt TN)          | -0.174***                             | -1.598***                                     |  |  |
|                                 | (0.021)                               | (0.474)                                       |  |  |
| Persistent Salinity (TN or all) | 0.189***                              | 0.069***                                      | 0.082***                                 | -0.057***  |
|                                 | (0.010)                               | (0.019)                                       | (0.011)                                  | (0.020)  |
| Persistent Salinity (AP wrt TN) |                                       |   | 0.355***                                 | 0.242***   |
|                                 |                                       |   | (0.027)                                  | (0.048)  |
| Persistent Salinity (OD wrt TN) |                                       |   | 0.032**                                  | 0.110***   |
|                                 |                                       |   | (0.015)                                  | (0.030)  |
| AC in t-1 (TN)                  | 0.858***                              | 0.638***                                      | 0.860***                                 | 0.638***   |
|                                 | (0.006)                               | (0.009)                                       | (0.005)                                  | (0.009)  |
| Baseline AP (wrt TN)            | 0.174***                              |   | 0.297***                                 |  |
|                                 | (0.007)                               |   | (0.011)                                  |  |
| Baseline OD (wrt TN)            | 0.063***                              |   | -0.017**                                 |  |
|                                 | (0.008)                               |   | (0.008)                                  |  |

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

|              | AC (surge by states) (Time FE) | AC (surge by states) (Village+Time FE) | AC (salinity by states) (Time FE) | AC (salinity by states) (Village+Time FE) |
|--------------|--------------------------------|--|-----------------------------------|---|
| Num.Obs.     | 756057                         | 756057                                 | 756057                            | 756057                                    |
| R2           | 0.707                          | 0.745                                  | 0.707                             | 0.745                                     |
| R2 Adj.      | 0.707                          | 0.734                                  | 0.707                             | 0.734                                     |
| R2 Within    | 0.705                          | 0.381                                  | 0.705                             | 0.381                                     |
| Std.Errors   | by: UniqueID                   | by: UniqueID                           | by: UniqueID                      | by: UniqueID                              |
| FE: Year     | X                              | X                                      | X                                 | X   |
| FE: UniqueID |                                | X                                      |                                   | X   |

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