**S1 Table. Mean δ15N values of sediment organic matter (SOM) inside the Canche [47] and the Somme [48] estuaries at different salinity gradients (i.e. lower, middle, upper) and seasons (i.e. winter, spring, summer and autumn) used as baseline resource to calculate the trophic positions following Eq. (4).**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Estuary** | **Salinity gradients** | **Winter** | **Spring** | **Summer** | **Autumn** |
| **Canche** | **Lower** | 6.07 | 4.67 | 4.67 | 6.07 |
| **Middle** | 7.19 | 5.39 | 5.39 | 7.19 |
| **Upper** | 6.00 | 5.46 | 5.46 | 6.00 |
| **Somme** | **Lower** | 8.07 | 8.32 | 8.53 | 7.67 |
| **Middle** | 6.93 | 7.73 | 8.05 | 7.59 |
| **Upper** | 7.33 | 8.98 | 8.65 | 7.41 |