**Table S1 -** The swept area of each vessel by haul is estimated as Km2. Δ (%) represents the percentage difference between the higher swept area recorded by a vessel compared to the other ones.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Gear** | **Day** | **N haul** | **Speed****(m/s)** | **Swept Area (Km2)** | **Δ (%)** |
| Control | 1 | 1 | 1.54 | 0.24 |  |
|  |
| G1-SM40 | 1 | 1 | 1.44 | 0.23 | 1.6% |
|
| T90 codend | 1 | 1 | 1.44 | 0.22 | 4.9% |
|
| Control | 1 | 2 | 1.33 | 0.20 | 5.3% |
|
| G1-SM40 | 1 | 2 | 1.28 | 0.21 | 4.0% |
|
| T90 codend | 1 | 2 | 1.38 | 0.22 |  |
|
| Control | 1 | 3 | 1.54 | 0.24 | 1.8% |
|
| G1-SM40 | 1 | 3 | 1.49 | 0.24 |  |
|
| T90 codend | 1 | 3 | 1.49 | 0.23 | 3.3% |
|
| Control | 1 | 4 | 1.49 | 0.23 | 5.0% |
|
| G1-SM40 | 1 | 4 | 1.49 | 0.24 |  |
|
| T90 codend | 1 | 4 | 1.54 | 0.24 | 0.1% |
|
| Control | 2 | 1 | 1.49 | 0.23 | 1.7% |
|
| G1-SM40 | 2 | 1 | 1.44 | 0.23 |  |
|
| T90 codend | 2 | 1 | 1.44 | 0.23 | 3.3% |
|
| Control | 2 | 2 | 1.44 | 0.22 | 0.9% |
|
| G1-SM40 | 2 | 2 | 1.38 | 0.22 |  |
|
| T90 codend | 2 | 2 | 1.38 | 0.22 | 3.3% |
|
| Control | 2 | 3 | 1.44 | 0.22 | 5.0% |
|
| G1-SM40 | 2 | 3 | 1.44 | 0.23 |  |
|
| T90 codend | 2 | 3 | 1.44 | 0.23 | 3.3% |
|
| Control | 2 | 4 | 1.49 | 0.23 |  |
|
| G1-SM40 | 2 | 4 | 1.38 | 0.22 | 0.9% |
|
| T90 codend | 2 | 4 | 1.44 | 0.23 | 1.7% |
|
| Control | 3 | 1 | 1.44 | 0.22 | 5.0% |
|
| G1-SM40 | 3 | 1 | 1.44 | 0.23 |  |
|
| T90 codend | 3 | 1 | 1.54 | 0.24 | 3.4% |
|
| Control | 3 | 2 | 1.49 | 0.23 | 1.7% |
|
| G1-SM40 | 3 | 2 | 1.44 | 0.23 |  |
|
| T90 codend | 3 | 2 | 1.44 | 0.23 | 3.3% |
|
| Control | 3 | 3 | 1.44 | 0.22 | 1.7% |
|
| G1-SM40 | 3 | 3 | 1.38 | 0.22 | 0.9% |
|
| T90 codend | 3 | 3 | 1.44 | 0.23 |  |
|
| Control | 3 | 4 | 1.49 | 0.23 | 4.9% |
|
| G1-SM40 | 3 | 4 | 1.44 | 0.23 | 3.3% |
|
| T90 codend | 3 | 4 | 1.54 | 0.24 |  |