|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cold-water coral sites | Temperature | 18O(salinity) | Hydrodynamic | Export Productivity | Oxygenation |
| North Atlantic Ocean | Gulf of Mexico (Campeche Bank) | 0.399724 | 0.532728 | 0.350986 | 0.375887 | <0.0001\* |
| Irish margin (Porcupine Seabight) | 0.779808 | 0.031719 | 0.005626\* | 0.006868\* | 0.889478 |
| Moroccan margin(Gulf of Cadiz) | 0.125086 | 0.088184 | 0.3507 | 0.142914 | 0.130796 |
| Mauritanian margin | 0.31103 | 0.336025 | 0.158029 | 0.078984 | 0.763353 |
| Mediterranean Sea | Alboran Sea(West Melilla) | 0.707863 | 0.570355 | 0.00086\* | 0.077507 | 0.246704 |
| Alboran Sea(East Melilla) | 0.122149 | 0.76546 | 0.002531\* | 0.010487+ | 0.228583 |