Table 1: Statistical metrics of generalized additive model of frigate and kawakawa

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | smooth | edf | Ref.df | F | p-value |
| Frigate | s(pp) | 1.000 | 1.000 | 1.093 | 0.298 |
| Frigate | s(sst) | 5.544 | 6.619 | 11.205 | 0.000 |
| Kawakawa | s(pp) | 4.193 | 5.196 | 3.004 | 0.01 |
| Kawakawa | s(sst) | 6.276 | 7.359 | 7.924 | 0.00 |

A picture containing graphical user interface

Description automatically generated

Figure 1: SST and primary productivity that affect gsi of a-b) frigate and c-d) kawakawa