|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Variable |  | Variable in Chinese | Variable Name Short | Orientation | Classification |
| Year |  | 年份 | Year |  |  |
| Location |  | 区域 | Loc |  |  |
| Loc\_en |  | 英文省份名称 | Loc\_en |  |  |
| GB |  | 省份国标号 | GB |  |  |
| Marine Catch per capita \t | 1 | 人均海洋捕捞产量/t | MCpc | 1 | Sensitivity |
| Disaster Losses \100 million | 2 | 全国（海洋）灾害损失/亿元 | DL | 1 | Response |
| Proportion of Marine Fishery on GDP | 3 | (海洋)渔业经济生产总值占GDP比重 | PFMGDP | 2 | Sensitivity |
| Value of Marine Fishery per capita RMB | 4 | 人均(海洋)渔业生产总值/(元/人) | VMFpc | 2 | Sensitivity |
| Storm Surge Area \hm2 | 5 | 风暴潮灾害面积/hm2 | SSA | 1 | Sensitivity |
| Contaminated Area /hm2 | 6 | 污染（赤潮）灾害面积hm2 | CA | 2 | Sensitivity |
| Mariculture Area /hm2 | 7 | 海水养殖面积/ hm2 | MA | 2 | Response |
| Production of Marine Products /t | 8 | 海水产品产量/t | PMP | 2 | Response |
| Fund Investment of Marine Fishery Research /10 thousand RMB | 9 | (海洋)渔业科研经费投入/万元 | FIMFR | 2 | Response |
| Proportion of High Educated Person in Institutes | 10 | 水产科研机构科技活动人员本科以上学历人员比重/% | PHEPI | 2 | Response |
| Net Income per capita/ RMD | 11 | 全国渔民（海洋渔业）人均纯收人/(元/人) | Nipc | 2 | Response |
| Practitioners of Marine Fishery | 12 | 海洋渔业就业人员/人 | PMF | 2 | Response |

**Introduction to variables**

**Major influencing factors of the marine fisheries industry ecosystem vulnerability in China during 2010 to 2015**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MCpc** | **DL** | **PFMGDP** | **VMFpc** | **SSA** | **CA** | **MA** | **PMP** | **FIMFR** | **PHEPI** | **Nipc** | **PMF** | **area** |
| **7** | 12 | 10 | 6 | 11 | 1 | 2 | 9 | 3 | 5 | 4 | 8 | FuJian |
| **7** | 11 | 6 | 8 | 12 | 1 | 2 | 10 | 3 | 4 | 5 | 9 | GuangDong |
| **11** | 10 | 7 | 4 | 12 | 1 | 2 | 5 | 3 | 9 | 8 | 6 | GuangXi |
| **8** | 11 | 12 | 7 | 9 | 1 | 2 | 4 | 3 | 10 | 6 | 5 | HaiNan |
| **12** | 11 | 2 | 9 | 7 | 1 | 5 | 3 | 4 | 8 | 10 | 6 | HeBei |
| **9** | 11 | 5 | 8 | 12 | 1 | 2 | 3 | 7 | 10 | 6 | 4 | JiangSu |
| **2** | 12 | 6 | 8 | 11 | 1 | 10 | 7 | 3 | 9 | 4 | 5 | LiaoNing |
| **8** | 12 | 5 | 7 | 11 | 1 | 6 | 9 | 3 | 2 | 4 | 10 | ShanDong |
| **12** | 6 | 7 | 11 | 4 | 2 | 1 | 5 | 8 | 9 | 10 | 3 | ShangHai |
| **12** | 5 | 6 | 11 | 8 | 1 | 2 | 4 | 7 | 10 | 9 | 3 | TianJin |
| **11** | 10 | 5 | 8 | 12 | 1 | 2 | 9 | 3 | 6 | 7 | 4 | ZheJiang |