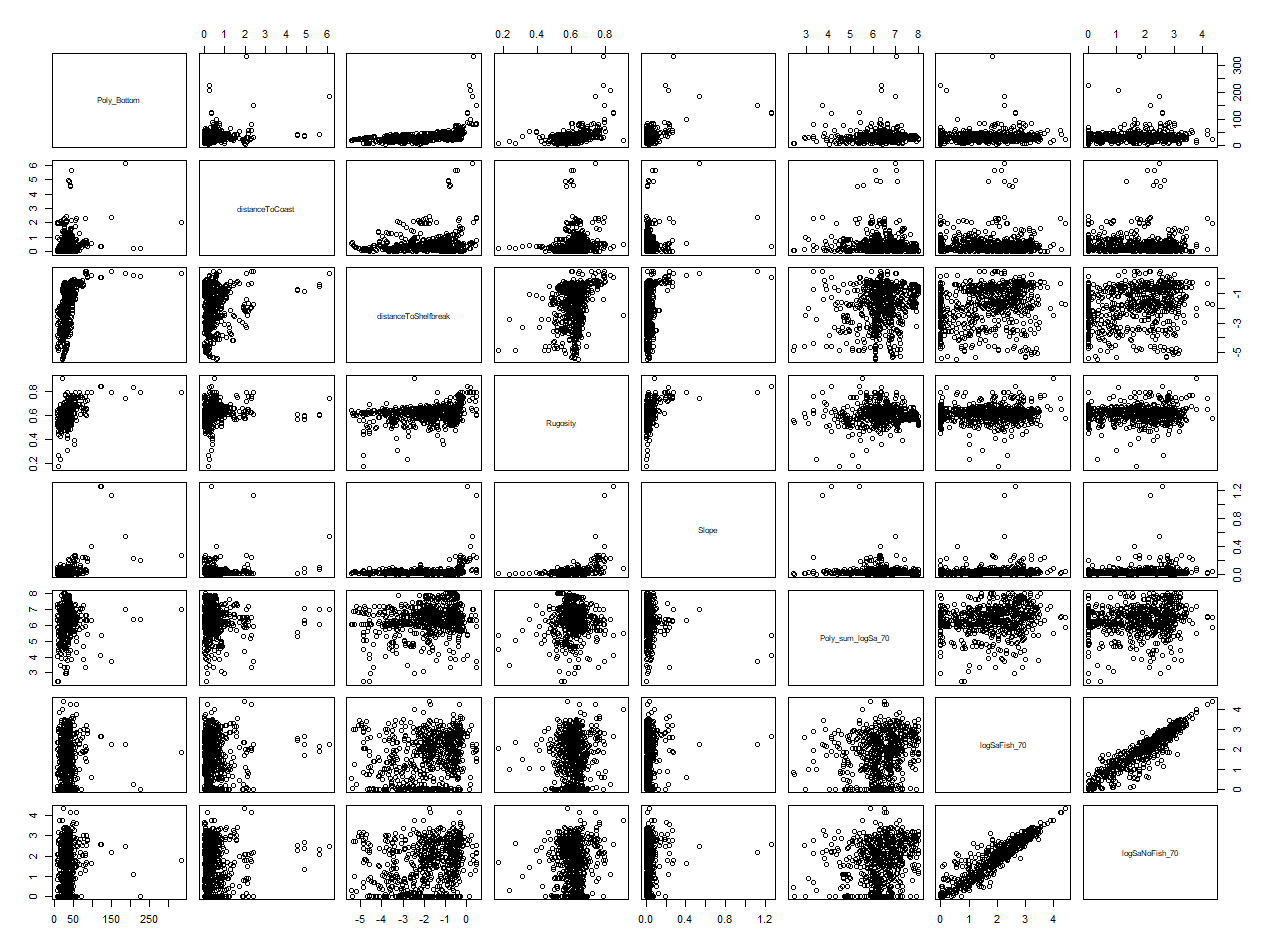
**Label Table :** F123\_PolyTable\_complete.csv 🡪 “my\_Poly\_data.csv”

|  |  |  |
| --- | --- | --- |
| Poly\_number | Number of the polygone | |
| Poly\_LabelName | Label name |
| Poly\_Longitude | Longitude at the centroid of the polygon |
| Poly\_Latitude | Latitude at the centroid of the polygon |
| Poly\_Time | Time in datenum at the centroid of the polygon |
| Poly\_EsuPingStart | ESU number at the centroid of the polygon |
| Poly\_Bottom | Bottom at the centroid of the polygon |
| Poly\_depth | Depth of the centroid of the polygon |
| Poly\_limit\_up | Minimal depth of the polygon contour |
| Poly\_limit\_down | Maximal depth of the polygon contour |
| Poly\_sum\_Sa\_70 | Arithmetic sum of sA in polygon at 70 kHz |
| Poly\_sum\_Sa\_200 | Arithmetic sum of sA in polygon at 200 kHz |
| Poly\_mean\_Sv\_70 | Arithmetic mean Sv in polygon at 70 kHz |
| Poly\_mean\_Sv\_200 | Arithmetic mean Sv in polygon at 200 kHz |
| Poly\_pixel\_number | Number of no-null pixels inside polygon |
| FAROFA | Number of the cruise (1, 2 or 3) |
| MPA | Factor: inside or outside MPA : « in » ; « out » ; « off50m » |
| Wind\_exposure | Factor : « leeward » ; « windward » |
| distanceToCoast | Distance to the coast in meter |
| distanceToShelfbreak | Distance to the shelfbreak in meter, negative before the shelfbreak (50 m depth), positive after |
| SaFish\_70 | Sa Fish of the closest ESU to the centroid of the polygon at 70 kHz |
| SaNoFish\_70 | Sa No Fish of the closest ESU to the centroid of the polygon at 70 kHz |
| SaFish\_200 | Sa Fish of the closest ESU to the centroid of the polygon at 200 kHz |
| SaNoFish\_200 | Sa No Fish of the closest ESU to the centroid of the polygon at 200 kHz |
| Sediment | Sediment type in the closest ESU to the centroid of the polygon |
| Nb\_Sediment | Number of sediment types |
| Depth\_std | Bottom depth standard deviation |
| Rugosity | Bottom Rugosity over 25m |
| Slope | Bottom Slope over 25m |
| ESU25row | Row number of the closest ESU to the centroid of the polygon in ESU Table |
| Poly\_sum\_logSa\_70 | Log(Poly\_sum\_Sa\_70+1) |
| Poly\_sum\_logSa\_200 | Log(Poly\_sum\_Sa\_200+1) |
| logSaFish\_70 | Log(SaFish\_70+1) |
| logSaNoFish\_70 | Log(SaNoFish\_70+1) |
| logSaFish\_200 | Log(SaFish\_200+1) |
| logSaNoFish\_200 | Log(SaNoFish\_200+1) |
| SaFish\_Other\_70 | SaFish\_70 - Poly\_sum\_logSa\_70 |
| SaFish\_Other\_200 | SaFish\_200 - Poly\_sum\_logSa\_200 |
| logSaFish\_Other\_70 | Log(SaFish\_Other\_70+1) |
| logSaFish\_Other\_200 | Log(SaFish\_Other\_200+1) |
| BottomDepthFactor | Factor « eu\_upper » ([0-20m]) ; « eu\_lower » ([20-40m]; “meso\_upper” ([40-60m]);”meso\_middle” ([60-80m]); « meso\_lower » (>80m) |

1 row 1 polygone

Variable of interest are highlighted in yellow (numerical) and blue (factor)



**ESU Table** « F123\_Averaged\_SaSum\_Sed\_complete.csv”🡪 “my\_ESU\_table.csv”

|  |  |
| --- | --- |
| DATE | date |
| interval\_vector\_char | Character string designs the interval edges in meters , ex.“200-225” |
| interval\_edge\_diff | Difference with expected right edge and existing data in meter, ex. 225 in “200-225” |
| GPSDistanceMeter | GPS cumulated distance |
| ESU\_start | Designe the number of the starting ESU (at 1ping) |
| ESU\_end | Designe the number of the ending ESU (at 1ping) |
| nb\_pings\_by\_interval | Number of ping in interval |
| Time\_start | Time start |
| Time\_end | Time end |
| Lat\_start | Latitude start |
| Lat\_end | Latitude end |
| Lon\_start | Longitude start |
| Lon\_end | Longitude end |
| Depth\_start | Bottom depth start |
| Depth\_end | Bottom depth end |
| Depth\_std | Bottom epth standard deviation |
| Rugosity | Bottom Rugosity over 25m |
| Slope | Bottom Slope over 25m |
| Time\_mean | Mean Time |
| Lat\_mean | Mean Latitude |
| Lon\_mean | Mean Longitude |
| Depth\_mean | Mean depth |
| SaFish\_70 | Mean arithmetic sA fish at 70 kHz |
| SaNoFish\_70 | Mean arithmetic sA no fish at 70 kHz |
| SaFish\_200 | Mean arithmetic sA fish at 200 kHz |
| SaNoFish\_200 | Mean arithmetic sA no fish at 200 kHz |
| FAROFA | Number of the cruise (« 2 », « 2 », « 3 ») |
| Sediment | Sediment type |
| Nb\_Sediment | Number of sediment types |
| nbLabel | Number of labels in the ESU |
| MPA | Factor: inside or outside MPA : « in » ; « out » ; « off50m » (port zone) using Lat\_mean and Lon\_mean |
| Wind\_exposure | Factor « leeward » ; « windward » using Lat\_mean and Lon\_mean |
| distanceToCoast | Distance to the coast in meter using Lat\_mean and Lon\_mean |
| distanceToShelfbreak | Distance to the shelfbreak in meter, negative before the shelfbreak (50m depth), positive after |
| BottomDepthFactor | Factor « eu\_upper » ([0-20m]) ; « eu\_lower » ([20-40m]; “meso\_upper” ([40-60m]);”meso\_middle” ([60-80m]); « meso\_lower » (>80m) |

