Table 1S | Accuracy matrix for the SVM classification of DIVE 26a and DIVE 26b

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Dive 26a** |  | **Refence Data** | | | | | | | | | |
|  |  |
|  |  | Uncovered Mud | Sediment + Tubeworms | Batcerial Mats HD | | Batcerial Mats LD | | Total | | User Accuracy | |
| **Classified Data** | Uncovered Mud | 42 | 42 | 1 | | 3 | | 50 | | 0.84 | |
| Sediment + Tubeworms | 2 | 2 | 0 | | 2 | | 50 | | 0.92 | |
| Batcerial Mats HD | 1 | 1 | 46 | | 3 | | 50 | | 0.92 | |
| Batcerial Mats LD | 0 | 0 | 10 | | 40 | | 50 | | 0.08 | |
|  |  |  |  |  | |  | |  | |  | |
|  | Total | 45 | 50 | 57 | | 48 | | 200 | |  | |
|  | Producer Accuracy | 0.93 | 0.92 | 0.80 | | 0.83 | |  | |  | |
|  |  |  |  |  | |  | |  | |  | |
|  | **Kappa** | **0.82** |  |  | |  | |  | |  | |
|  | **Overall Accuracy** | **0.87** |  |  | |  | |  | |  | |
|  |  |  |  |  | |  | |  | |  | |
| **Dive 26b** |  | **Refence Data** | | | | | | | | |
|  |  |
|  |  | Batcerial Mats HD | Sediment + Tubeworms | Uncovered Mud | Batcerial Mats LD | | Total | | User Accuracy | |
| **Classified Data** | Batcerial Mats HD | 38 | 1 | 7 | 4 | | 50 | | 0.76 | |
| Sediment + Tubeworms | 0 | 48 | 2 | 0 | | 50 | | 0.96 | |
| Uncovered Mud | 0 | 7 | 43 | 0 | | 50 | | 0.86 | |
| Batcerial Mats LD | 5 | 1 | 7 | 37 | | 50 | | 0.74 | |
|  |  |  |  |  |  | |  | |  | |
|  | Total | 43 | 57 | 59 | 41 | | 200 | |  | |
|  | Producer Accuracy | 0.90 | 0.84 | 0.72 | 0.90 | |  | |  | |
|  |  |  |  |  |  | |  | |  | |
|  | **Kappa** | **0.77** |  |  |  | |  | |  | |
|  | **Overall Accuracy** | **0.83** |  |  |  | |  | |  | |