|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S1 - Results of a stepwise discriminant analysis performed using 9 botanical varieties, as the classification variables and values of standardised coefficients for the canonical variables included in the discriminant functions.** | | | | | | | | | | | | | | | | | | | | | | | |
|  | | Wilks Lambda | | p-level |  | | | |  |  | | | | root 1 | | | root 2 | | | | | | | | |
| Glume pubescence | | 0,0029 | | 0,0000 | |  | | | | |  | |  | | 1,02 | | | | | 0,08 | |
| Awn color | | 0,0020 | | 0,0000 | | |  |  | | | | |  | | | 0,01 | | 1,30 | | | | | |
| Glume color | | 0,0009 | | 0,0000 | | |  |  | | | | |  | | | 0,00 | | -0,24 | | | | | |
| Awn/ear length ratio | | 0,0007 | | 0,0003 | | |  |  | | | | |  | | | 0,29 | | 0,19 | | | | | |
| Seed lenght | | 0,0006 | | 0,0125 | | |  |  | | | | |  | | | 0,02 | | -0,17 | | | | | |
| Straw solidity | | 0,0006 | | 0,0255 | | |  |  | | | | |  | | | 0,11 | | 0,14 | | | | | |
| Awn color (base) | | 0,0005 | | 0,1516 | | |  |  | | | | |  | | | 0,17 | | -0,02 | | | | | |
| Nerve presence on glume | | 0,0005 | | 0,1638 | | |  |  | | | | |  | | | -0,35 | | | -0,14 | | | |
| Mucrone length | | 0,0005 | | 0,1110 | | |  |  | | | | |  | | | 0,29 | | | 0,27 | | | |
| prominent keel on glume | | 0,0005 | | 0,1601 | | |  |  | | | | |  | | | -0,01 | | 0,11 | | | | | |
| Seed hair lenght | | 0,0005 | | 0,3602 | | |  |  | | | | |  | | | -0,11 | | 0,17 | | | | | |
| Awn color (tip) | | 0,0005 | | 0,2367 | | |  |  | | | | |  | | | -0,14 | | -0,36 | | | | | |
| Plant height | | 0,0005 | | 0,3237 | | |  |  | | | | |  | | | 0,00 | | 0,11 | | | | | |
| Shape of lower glume beak | | 0,0005 | | 0,2653 | | |  |  | | | | |  | | | 0,02 | | -0,11 | | | | | |
| Ear shape | | 0,0005 | | 0,2503 | | |  |  | | | | |  | | | 0,04 | | 0,08 | | | | | |
| ear density | | 0,0005 | | 0,4426 | | |  |  | | | | |  | | | 0,00 | | 0,32 | | | | | |
| **Variables in model (n°): 16**  **Lambda Wilks: 0,0004451**  **approx. F (128,531) = 7,9619; p < 0,0000** | | | **Eigenvalue**  **Explained cumulative**  **variance (%)** | | | | | | | | | **16,4 10,4**  **54 88** | | | | | | | | |