Table 5: Descriptive statistics of entire and core collections for quantitative characters

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Characters** | **Category** | **# of accessions**  | **Min.** | **Max.** | **Mean** | **SD** | **Kurtosis** | **Skewness** | **CV %** |
| ILT | Entire  | 478 | 0.50 | 2.90 | 1.41 | 0.38 | 0.24 | -0.10 | 27.12 |
|  Power core  | 49 | 0.50 | 2.90 | 1.42 | 0.50 | 0.57 | 0.53 | 35.52 |
| Cluster core | 49 | 0.60 | 2.90 | 1.49 | 0.39 | 3.10 | 0.64 | 26.18 |
| TRH | Entire  | 478 | 1.50 | 9.70 | 5.00 | 1.43 | -0.22 | 0.47 | 28.60 |
|  Power core  | 49 | 1.50 | 9.70 | 4.85 | 1.56 | 1.24 | 0.80 | 32.22 |
| Cluster core | 49 | 2.92 | 8.20 | 5.06 | 1.26 | -0.51 | 0.26 | 24.86 |
| TS | Entire  | 478 | 1.50 | 11.10 | 6.20 | 1.57 | 0.37 | 0.73 | 25.30 |
|  Power core  | 49 | 1.50 | 10.80 | 5.95 | 2.00 | 0.49 | 0.66 | 33.62 |
| Cluster core | 49 | 4.10 | 9.10 | 6.36 | 1.46 | -1.03 | 0.42 | 22.94 |
| EGT | Entire  | 478 | 4.00 | 29.30 | 14.48 | 5.11 | -0.49 | 0.21 | 35.32 |
|  Power core  | 49 | 6.20 | 27.60 | 14.53 | 6.01 | -0.94 | 0.15 | 41.34 |
| Cluster core | 49 | 7.10 | 26.60 | 15.50 | 4.20 | 0.23 | -0.06 | 27.09 |
| TD | Entire  | 478 | 3.50 | 10.00 | 5.68 | 1.10 | 0.32 | 0.71 | 19.32 |
|  Power core  | 49 | 3.80 | 10.00 | 5.88 | 1.25 | 1.68 | 0.99 | 21.22 |
| Cluster core | 49 | 3.90 | 8.50 | 5.63 | 1.20 | -0.22 | 0.68 | 21.25 |
| NLT | Entire  | 478 | 6.00 | 17.00 | 10.28 | 2.27 | -0.17 | 0.49 | 22.07 |
|  Power core  | 49 | 7.00 | 16.00 | 10.84 | 2.40 | -0.87 | 0.10 | 22.10 |
| Cluster core | 49 | 7.00 | 16.00 | 10.89 | 2.53 | -0.96 | 0.18 | 23.22 |
| LS | Entire  | 478 | 37.00 | 168.30 | 87.33 | 24.30 | -0.36 | 0.36 | 27.83 |
|  Power core  | 49 | 37.00 | 168.30 | 95.61 | 30.97 | -0.67 | 0.03 | 32.40 |
| Cluster core | 49 | 46.20 | 156.00 | 86.71 | 26.04 | -0.28 | 0.52 | 30.04 |
| NW | Entire  | 478 | 2.00 | 16.78 | 6.88 | 2.09 | 1.91 | 1.02 | 30.41 |
|  Power core  | 49 | 2.00 | 16.78 | 7.58 | 3.30 | -0.09 | 0.54 | 43.51 |
| Cluster core | 49 | 2.50 | 12.10 | 6.73 | 1.95 | 0.48 | 0.47 | 28.94 |
| ISL | Entire  | 478 | 8.10 | 40.00 | 16.14 | 2.99 | 8.76 | 1.21 | 18.51 |
|  Power core  | 49 | 8.80 | 40.00 | 16.86 | 5.09 | 8.72 | 2.33 | 30.19 |
| Cluster core | 49 | 11.80 | 22.20 | 16.74 | 2.61 | -0.58 | -0.13 | 15.58 |
| ISW | Entire  | 478 | 5.10 | 30.49 | 19.33 | 4.12 | 0.03 | -0.10 | 21.30 |
|  Power core  | 49 | 6.50 | 30.49 | 20.09 | 5.04 | 0.33 | -0.41 | 25.11 |
| Cluster core | 49 | 13.10 | 29.30 | 19.73 | 3.71 | -0.40 | 0.36 | 18.81 |
| SR | Entire  | 478 | 0.01 | 0.30 | 0.09 | 0.05 | 1.78 | 1.08 | 52.21 |
|  Power core  | 49 | 0.02 | 0.29 | 0.11 | 0.06 | 1.04 | 0.82 | 50.31 |
| Cluster core | 49 | 0.02 | 0.27 | 0.09 | 0.04 | 3.70 | 1.34 | 48.15 |
| SAL | Entire  | 478 | 2.90 | 11.00 | 5.82 | 1.17 | 1.17 | 0.67 | 20.09 |
|  Power core  | 49 | 3.50 | 10.53 | 6.27 | 1.61 | -0.27 | 0.34 | 25.62 |
| Cluster core | 49 | 4.06 | 10.53 | 5.82 | 1.18 | 4.06 | 1.52 | 20.20 |
| SAW | Entire  | 478 | 1.90 | 7.00 | 4.34 | 0.75 | 0.70 | -0.02 | 17.38 |
|  Power core  | 49 | 2.00 | 7.00 | 4.40 | 1.18 | -0.34 | -0.01 | 26.89 |
| Cluster core | 49 | 3.00 | 5.86 | 4.37 | 0.67 | -0.29 | 0.36 | 15.43 |
| AW | Entire  | 478 | 10.00 | 180.00 | 61.82 | 23.37 | 2.45 | 1.10 | 37.81 |
|  Power core  | 49 | 10.00 | 180.00 | 72.97 | 38.55 | 0.50 | 0.75 | 52.83 |
| Cluster core | 49 | 26.60 | 169.78 | 61.50 | 24.60 | 6.92 | 1.99 | 40.00 |
| ST | Entire  | 478 | 1.50 | 4.70 | 3.06 | 0.52 | 0.69 | 0.37 | 16.81 |
|  Power core  | 49 | 1.50 | 4.70 | 3.14 | 0.71 | 0.42 | 0.00 | 22.57 |
| Cluster core | 49 | 1.80 | 4.00 | 3.07 | 0.49 | -0.03 | 0.07 | 16.12 |
| NL | Entire  | 478 | 0.20 | 4.65 | 3.31 | 0.45 | 4.15 | -0.30 | 13.72 |
|  Power core  | 49 | 0.20 | 4.65 | 3.35 | 0.76 | 4.82 | -1.47 | 22.76 |
| Cluster core | 49 | 2.40 | 4.20 | 3.29 | 0.42 | -0.58 | 0.19 | 12.72 |
| NDW | Entire  | 478 | 1.70 | 3.50 | 2.42 | 0.31 | 0.33 | 0.44 | 12.93 |
|  Power core  | 49 | 1.70 | 3.40 | 2.47 | 0.43 | -0.56 | 0.18 | 17.62 |
| Cluster core | 49 | 1.70 | 3.10 | 2.43 | 0.33 | -0.34 | 0.00 | 13.50 |
| NT | Entire  | 478 | 0.90 | 3.10 | 1.75 | 0.26 | 1.69 | 0.51 | 14.83 |
|  Power core  | 49 | 0.90 | 3.10 | 1.75 | 0.39 | 2.53 | 0.67 | 22.11 |
| Cluster core | 49 | 1.20 | 2.30 | 1.75 | 0.24 | -0.19 | 0.11 | 13.84 |
| FD | Entire  | 478 | 42.00 | 130.00 | 82.54 | 18.03 | -0.79 | 0.16 | 21.85 |
|  Power core  | 49 | 48.00 | 128.00 | 87.59 | 18.55 | -0.50 | -0.04 | 21.17 |
| Cluster core | 49 | 48.00 | 110.00 | 79.84 | 15.83 | -0.78 | 0.21 | 19.83 |
| FI | Entire  | 478 | 14.30 | 96.80 | 65.78 | 16.06 | 0.00 | -0.60 | 24.42 |
|  Power core  | 49 | 14.30 | 96.80 | 60.86 | 19.93 | -0.42 | -0.42 | 32.75 |
| Cluster core | 49 | 16.73 | 93.10 | 64.37 | 18.01 | 0.24 | -0.67 | 27.98 |
| ANR | Entire  | 478 | 1.97 | 28.10 | 9.32 | 3.14 | 2.75 | 1.10 | 33.64 |
|  Power core  | 49 | 3.38 | 28.10 | 9.83 | 4.29 | 5.85 | 1.96 | 43.67 |
| Cluster core | 49 | 1.97 | 17.70 | 9.14 | 3.24 | 0.50 | 0.39 | 35.47 |
| SP | Entire  | 478 | 15.30 | 42.60 | 28.50 | 4.32 | 0.42 | -0.10 | 15.15 |
|  Power core  | 49 | 16.90 | 42.60 | 27.41 | 5.18 | 0.41 | 0.33 | 18.90 |
| Cluster core | 49 | 17.68 | 40.50 | 28.86 | 4.06 | 1.72 | -0.35 | 14.06 |
| KWT | Entire  | 478 | 0.40 | 4.40 | 1.94 | 0.55 | 1.50 | 0.79 | 28.32 |
|  Power core  | 49 | 0.40 | 4.00 | 2.04 | 0.82 | -0.17 | 0.19 | 40.25 |
| Cluster core | 49 | 0.70 | 3.10 | 1.94 | 0.55 | -0.02 | 0.28 | 28.15 |
| KL | Entire  | 478 | 1.30 | 3.60 | 2.58 | 0.31 | 0.51 | 0.14 | 12.12 |
|  Power core  | 49 | 1.30 | 3.60 | 2.67 | 0.44 | 1.22 | -0.74 | 16.31 |
| Cluster core | 49 | 1.80 | 3.40 | 2.61 | 0.35 | -0.14 | 0.34 | 13.43 |
| KW | Entire  | 478 | 0.70 | 2.95 | 1.46 | 0.35 | 0.00 | 0.29 | 23.89 |
|  Power core  | 49 | 0.70 | 2.87 | 1.51 | 0.43 | 0.69 | 0.48 | 28.55 |
| Cluster core | 49 | 0.80 | 2.30 | 1.48 | 0.35 | -0.67 | 0.01 | 23.56 |
| KT | Entire  | 478 | 0.60 | 1.70 | 1.19 | 0.16 | 0.49 | -0.03 | 13.27 |
|  Power core  | 49 | 0.60 | 1.60 | 1.17 | 0.21 | 0.13 | -0.23 | 18.29 |
| Cluster core | 49 | 0.80 | 1.54 | 1.21 | 0.18 | -0.78 | -0.28 | 14.61 |
| CY | Entire  | 478 | 0.29 | 27.53 | 10.50 | 5.16 | 0.49 | 0.88 | 49.20 |
|  Power core  | 49 | 0.40 | 26.21 | 10.04 | 6.08 | 0.33 | 0.89 | 60.60 |
| Cluster core | 49 | 3.26 | 20.95 | 10.51 | 4.70 | -0.81 | 0.39 | 44.76 |

Table 6. Geographic representation of entire and core collections

|  |  |  |  |
| --- | --- | --- | --- |
| **State/country**  | **Entire** | **Power core** | **Cluster core** |
| **Number** | **%** | **Number** | **%** | **Number** | **%** |
| Karnataka  | 118 | 24.69 | 8 | 16.33 | 11 | 22.45 |
| Andra Pradesh  | 102 | 21.34 | 7 | 14.29 | 16 | 32.65 |
| Kerala  | 69 | 14.44 | 10 | 20.41 | 7 | 14.29 |
| Goa  | 45 | 9.41 | 3 | 6.12 | 5 | 10.20 |
| Maharastra  | 45 | 9.41 | 10 | 20.41 | 3 | 6.12 |
| Tamil Nadu  | 39 | 8.16 | 4 | 8.16 | 4 | 8.16 |
| Orissa  | 21 | 4.39 | 1 | 2.04 | 2 | 4.08 |
| Brazil  | 20 | 4.18 | 4 | 8.16 | 1 | 2.04 |
| West Bengal  | 14 | 2.93 | 2 | 4.08 | 0 | 0.00 |
| Pondicherry  | 3 | 0.63 | 0 | 0.00 | 0 | 0.00 |
| Mozambique  | 2 | 0.42 | 0 | 0.00 | 0 | 0.00 |
| **Total**  | **478** | **100** | **49** | **100** | **49** | **100** |