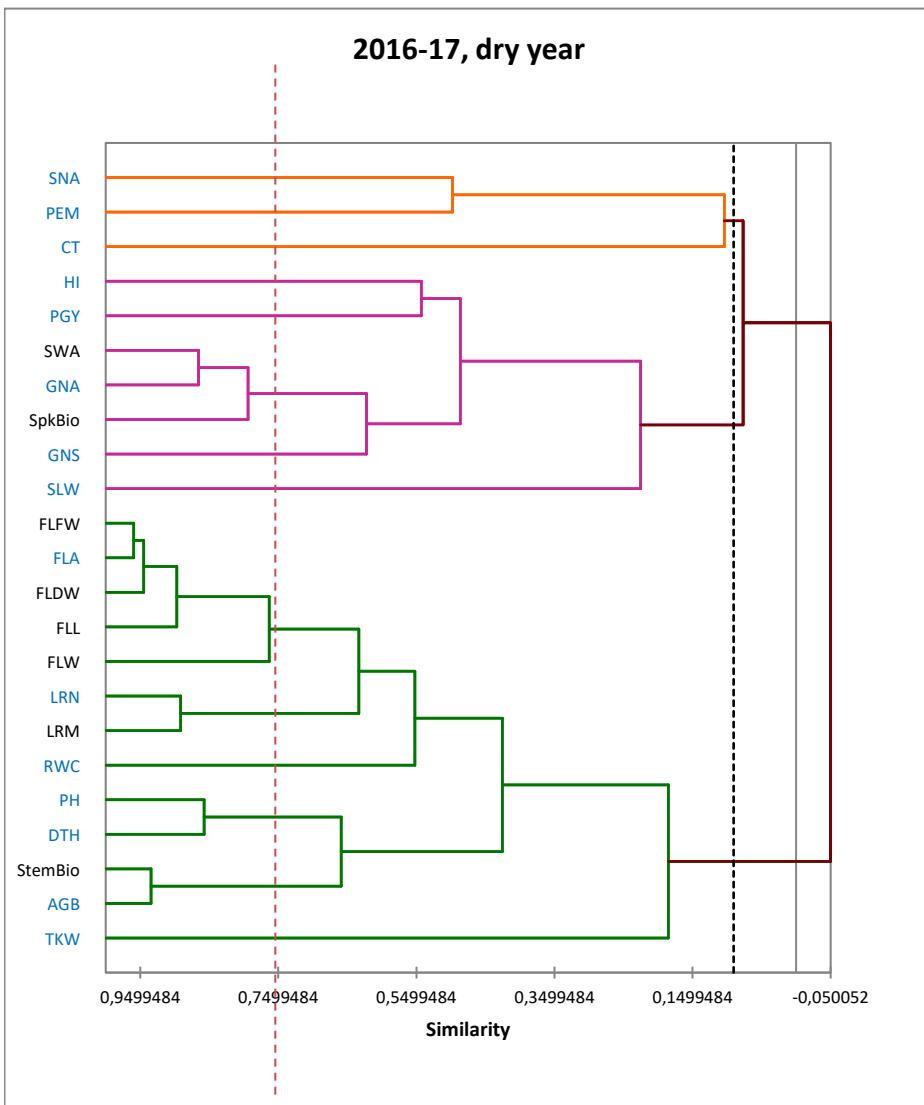


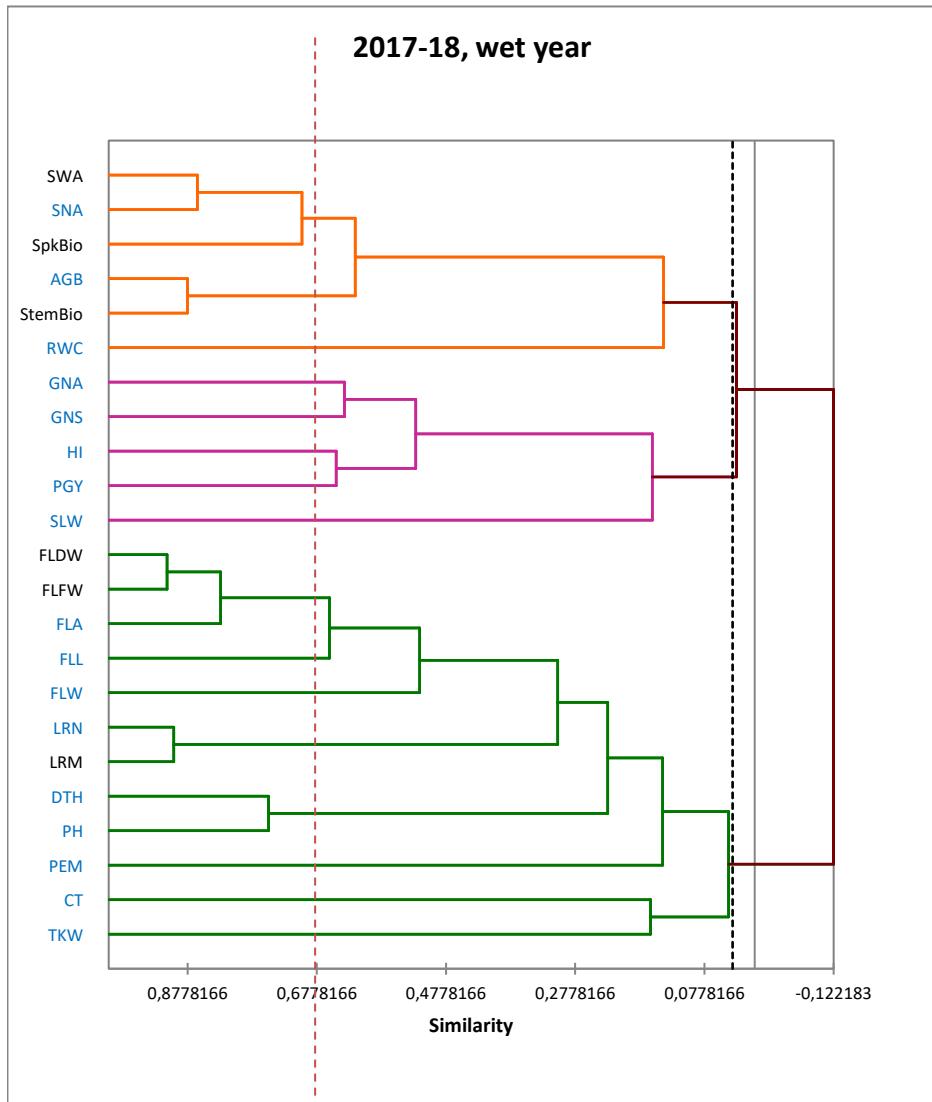
Initial traits

| Abbreviation | Name |
|--------------|-------------------------------|
| AGB | Above ground biomass |
| CT | Canopy temperature |
| DTH | Days to heading |
| FLA | Flag leaf area |
| FLDW | Flag leaf dry weight |
| FLFW | Flag leaf fresh weight |
| FLL | Flag leaf length |
| FLW | Flag leaf width |
| GNA | Grain number per area |
| GNS | Grain number per spike |
| HI | Harvest index |
| LRM | Leaf rooling index at morning |
| LRN | Leaf rooling index at noon |
| PEM | Plant emergence |
| PGY | [Plot grain yield |
| PH | Plant height |
| RWC | Relative water content |
| SLW | Specific leaf weight |
| SNA | Spike number per area |
| SpkBio | Spike biomass |
| StemBio | Stem biomass |
| SWA | Spike weight per area |
| TKW | Thousand kernel weight |

Cluster analysis

Traits in blue color were selected from each dendrogram





Trait selection

| 2016-17 | 2017-18 | Intersection |
|---------|---------|--------------|
| AGB | AGB | AGB |
| CT | CT | CT |
| DTH | DTH | DTH |
| FLA | FLA | FLA |
| GNA | GNA | GNA |
| GNS | GNS | GNS |
| HI | HI | HI |
| LRN | LRN | LRN |
| PEM | PEM | PEM |
| PGY | PGY | PGY |
| PH | PH | PH |
| RWC | RWC | RWC |
| SLW | SLW | SLW |
| SNA | SNA | SNA |
| TKW | TKW | TKW |
| | FLL | |
| | FLW | |