

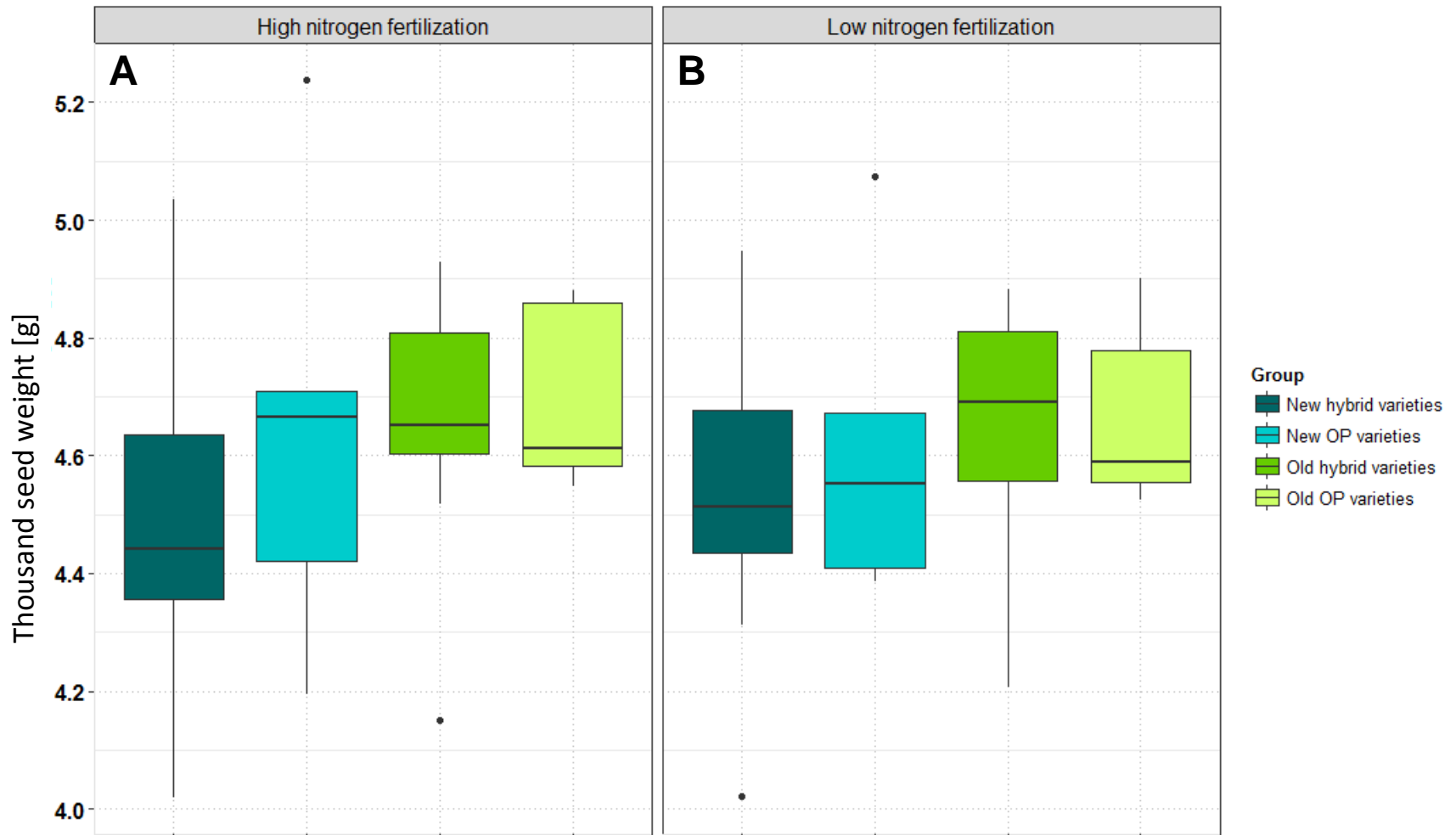
# **Effect of breeding on nitrogen use efficiency associated traits in oilseed rape**

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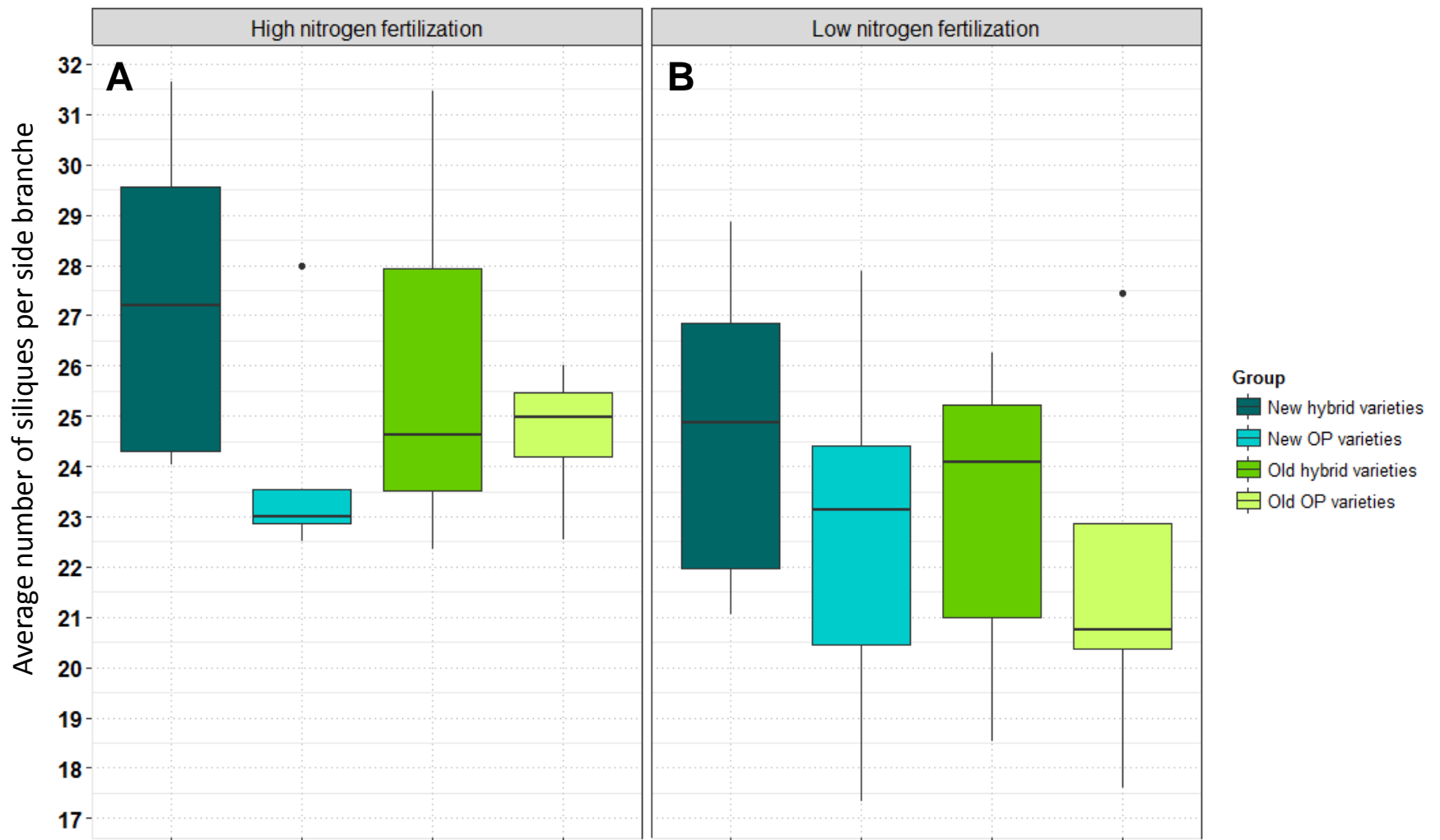
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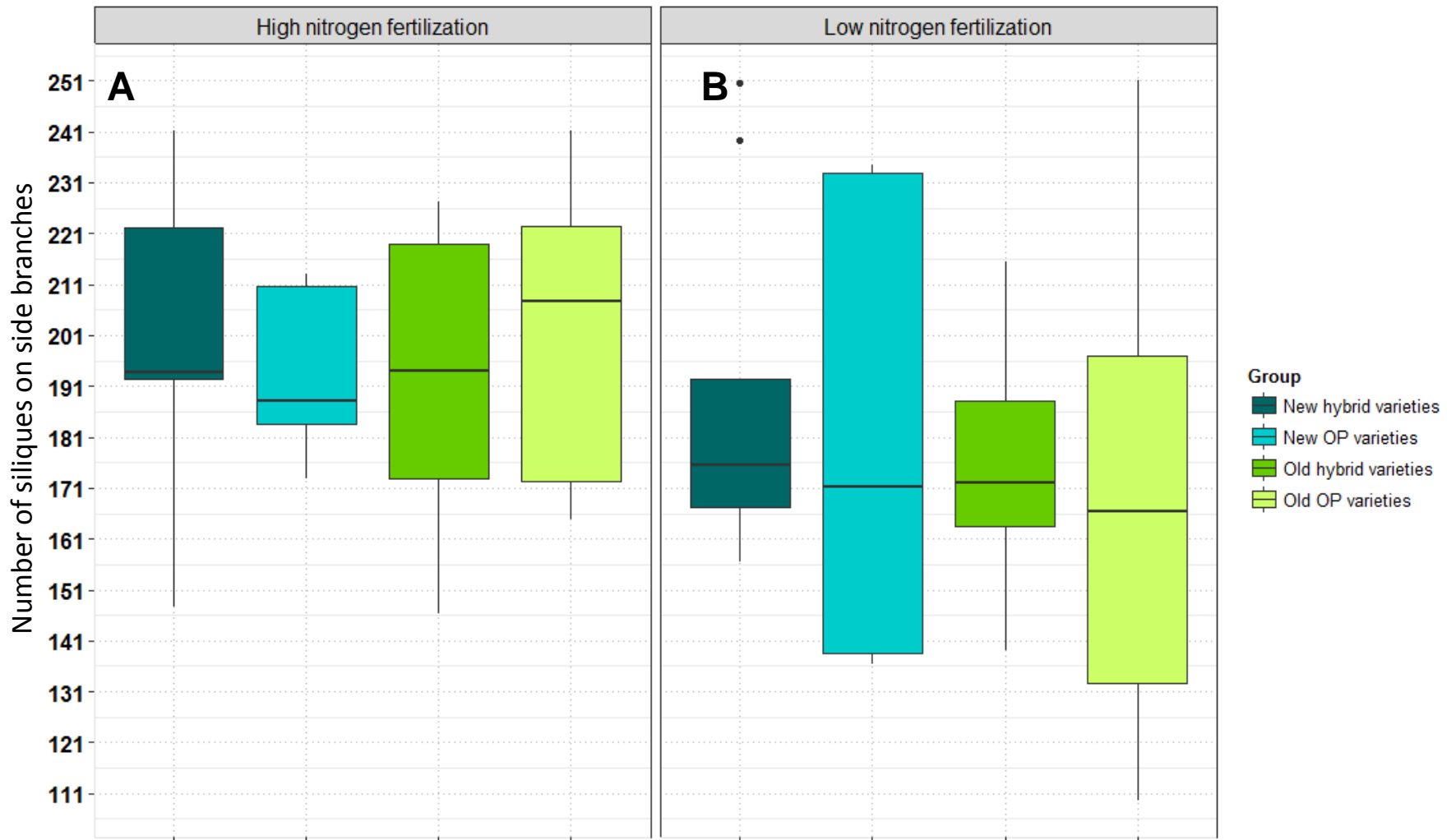
## **Supplementary Figures**



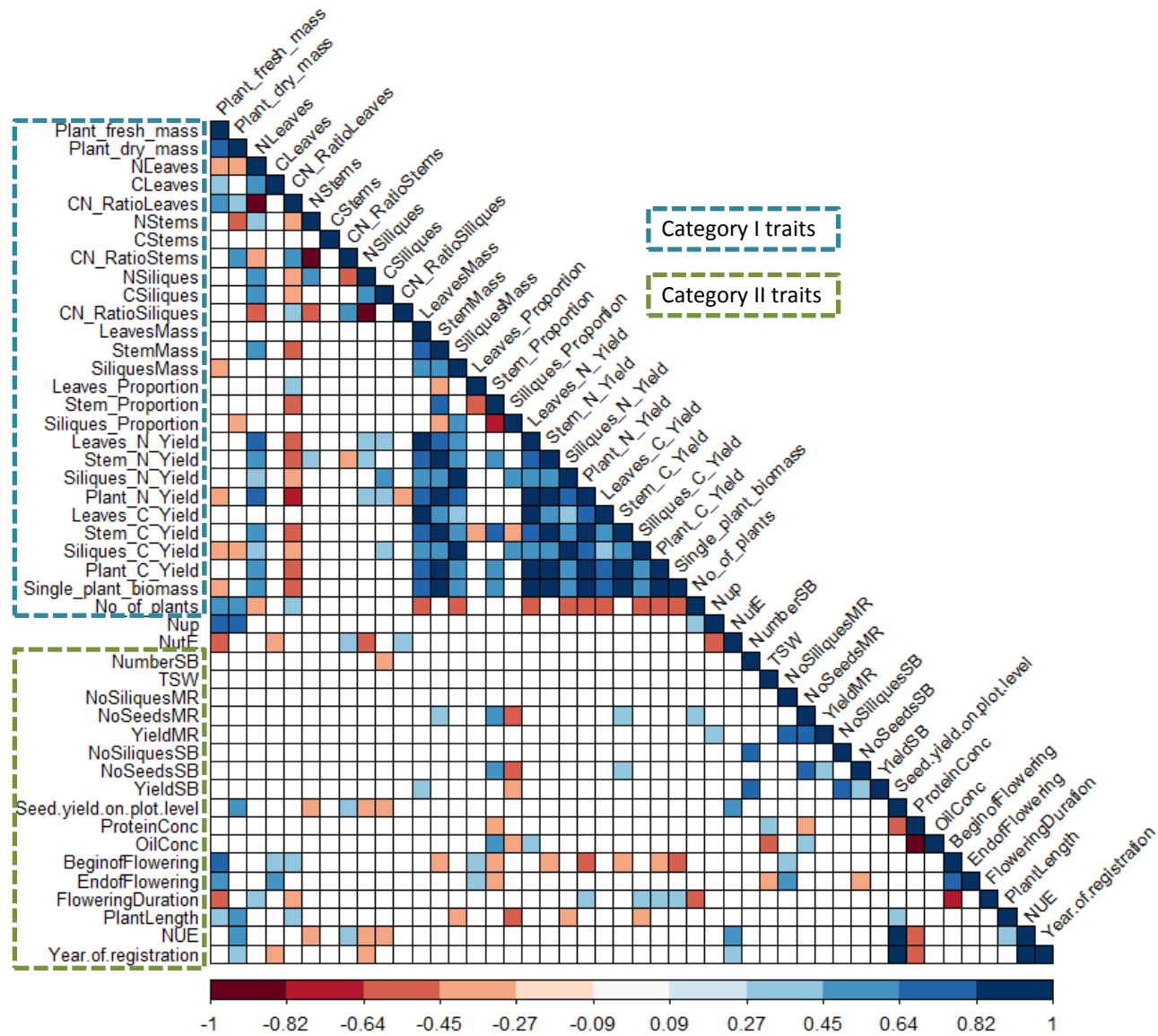
**Supplementary Figure 1:** Average adjusted means of thousand seed weight (TSW) for individual variety groups determined over six environments at (A) high and (B) low nitrogen fertilization.



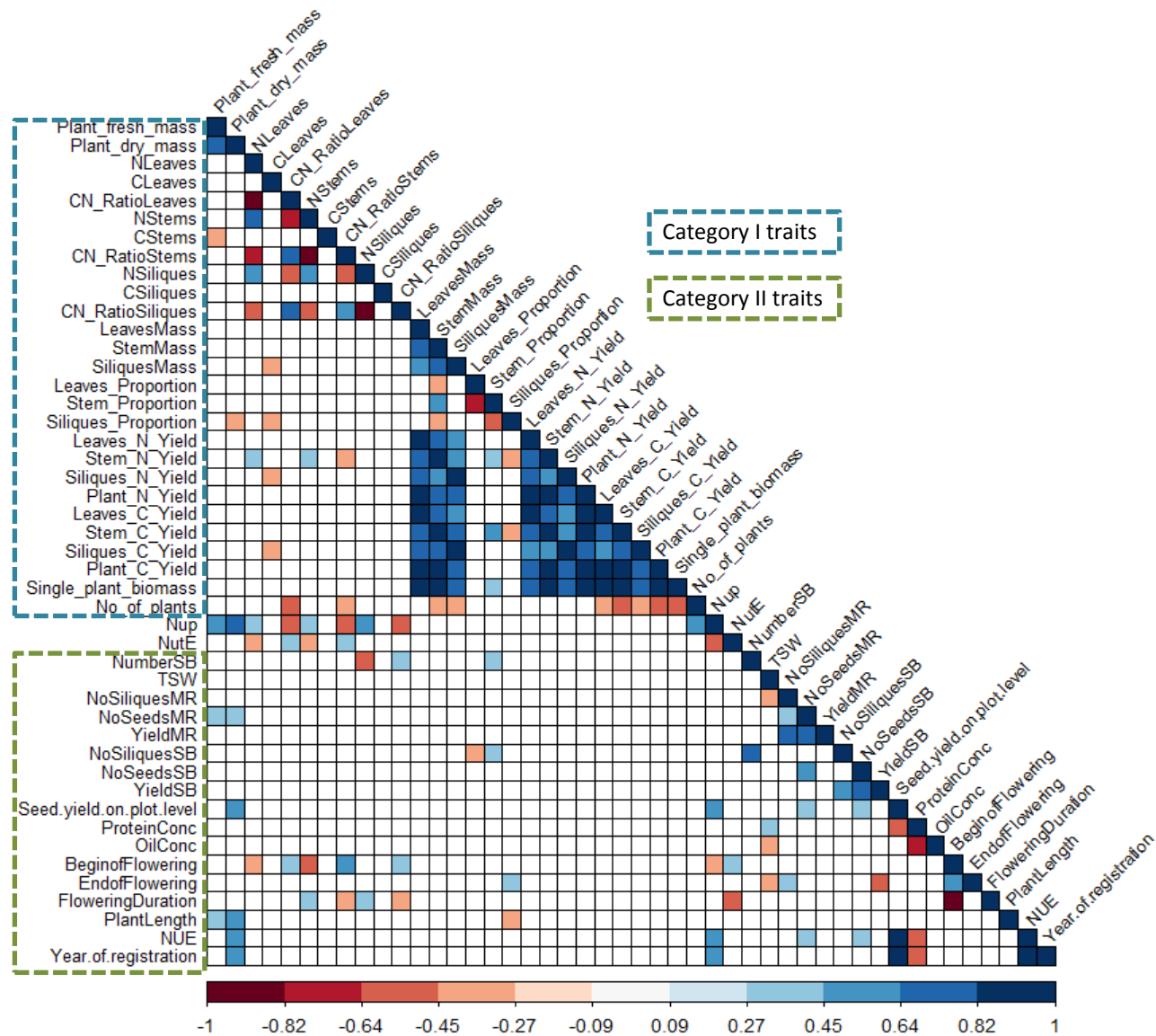
**Supplementary Figure 2:** Average adjusted means for density of siliques on side branches for individual variety groups determined over six environments at (A) high and (B) low nitrogen fertilization, respectively.



**Supplementary Figure 3:** Average adjusted means of number of siliques per branche for side branches at (A) high and (B) low nitrogen fertilization, respectively.



**Supplementary Figure 4a:** Inter-trait correlations among all investigated traits at low nitrogen fertilization. Direction and strength of Pearson's coefficient of correlation is depicted by the color code. Non-significant correlations are shown as white boxes.



**Supplementary Figure 4b:** Inter-trait correlations among all investigated traits at high nitrogen fertilization. Direction and strength of Pearson's coefficient of correlation is depicted by the color code. Non-significant correlations are shown as white boxes.