# Supplemental Material

**Supplemental Figure 1** Histograms showing the phenotypic distribution of three cluster traits (weight, length, and compactness) in three grapevine segregating populations (popMtp3331, popMtp3332, and popMtp3335) in 2013, 2014, and 2015. Grapevine genotypes selected in this work are shown in red. Discarded genotypes are shown in gray. Cluster compactness was evaluated according to the CI-12 quantitative metric proposed by Tello and Ibáñez (2014).
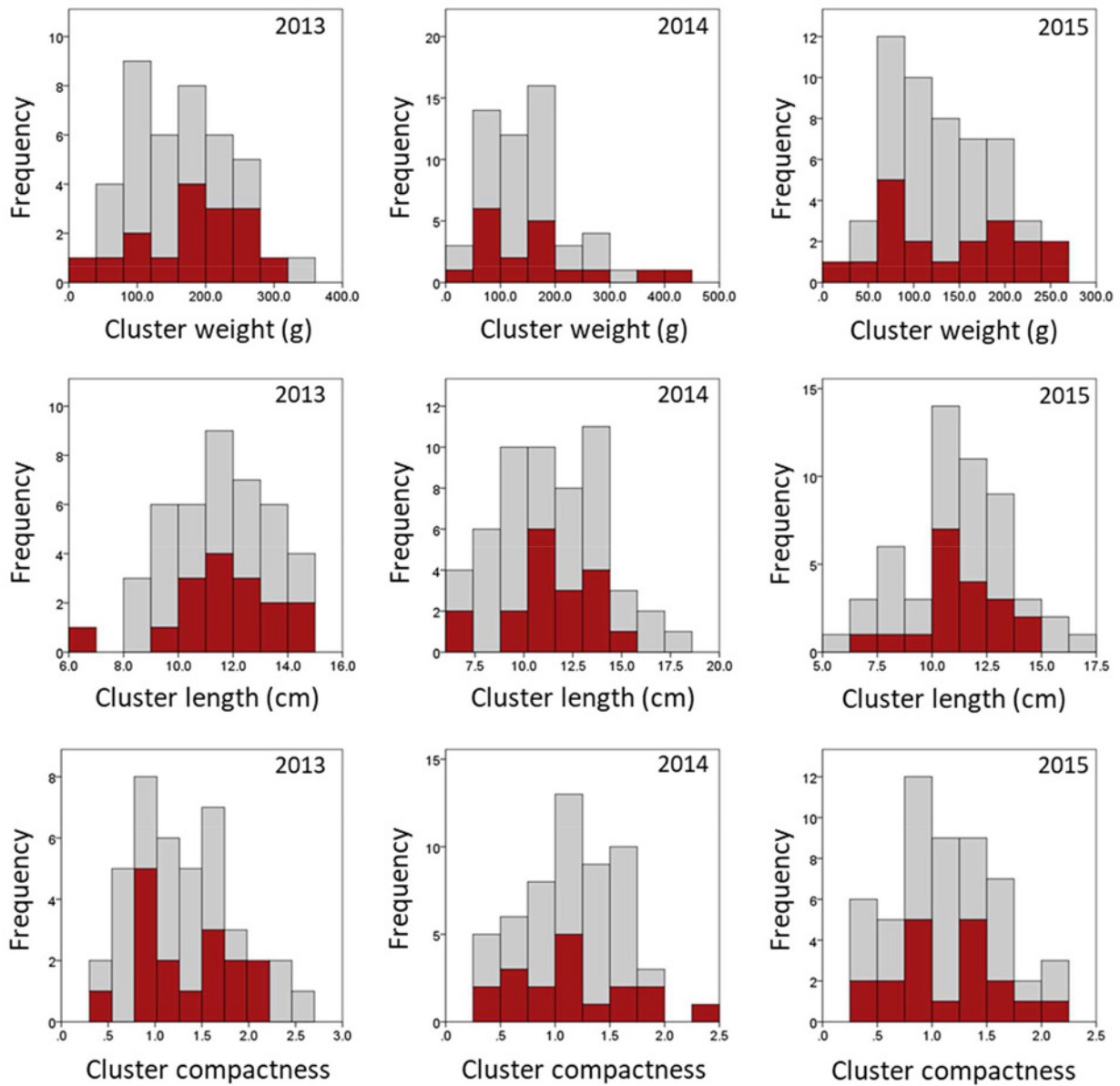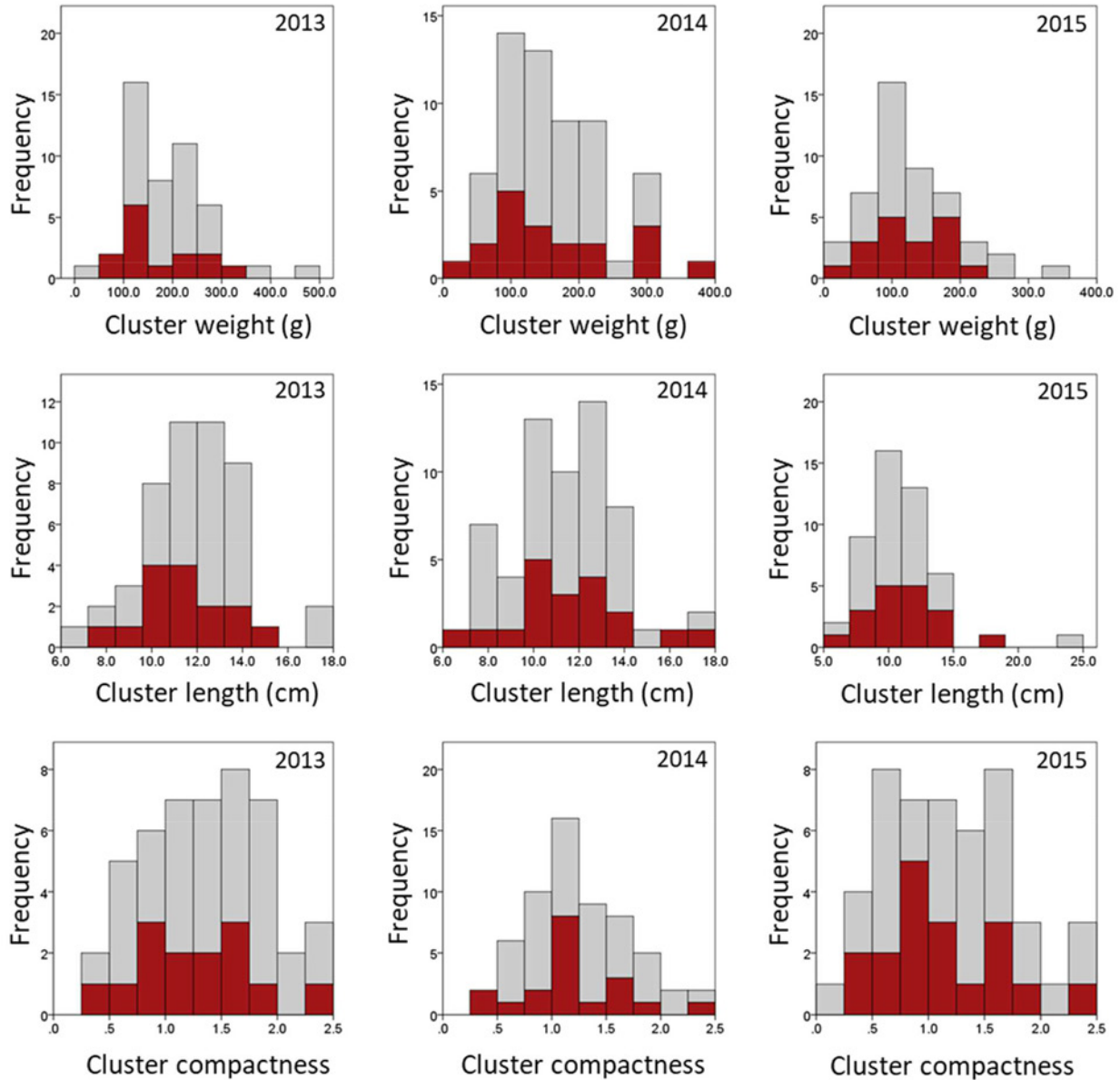


1. popMtp3331 (Syrah x Pinot noir)

2. popMtp3332 (Cabernet Sauvignon x Pinot noir)
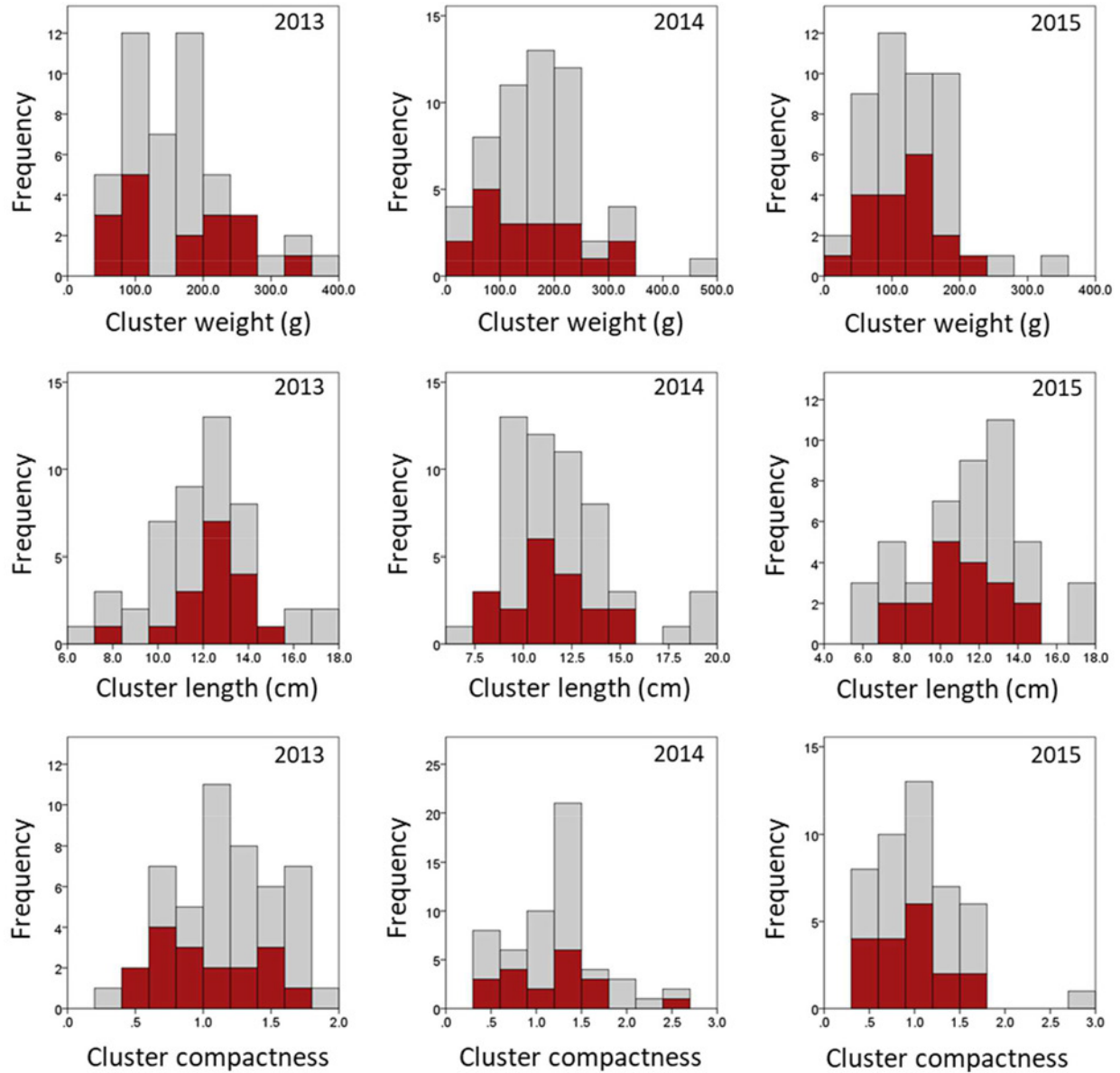
3. popMtp3335 (Cabernet Sauvignon x Syrah)

Tello J and Ibáñez J. 2014. Evaluation of indexes for the quantitative and objective estimation of grapevine bunch compactness. Vitis 53:9-16.