Howe, P.A., S.E. Ebeler, and G.L. Sacks. 2015.

Review of thirteen years of CTS winery laboratory collaborative data.

Am. J. Enol. Vitic. 66:321-339. doi: 10.5344/ajev.2015.14119.

Supplementary Material Mean, standard deviation (SD), and relative standard deviation (RSD) for multiple analytes over the course of the study, demonstrating variability and apparent wine matrix effects. Green: white wines; Pink: blush wines; Red: red wines.



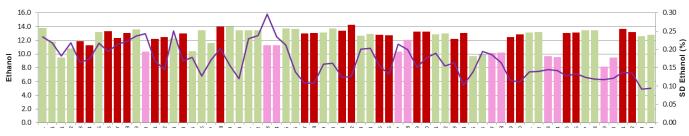
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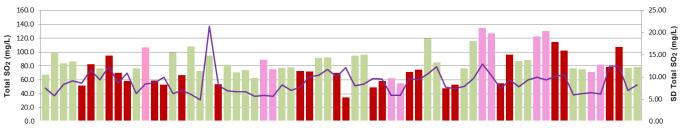
Ethanol Analysis (all methods)

Average (bars) and standard deviation (line) (across labs)



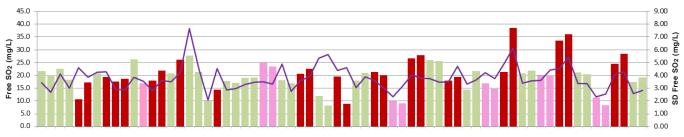
Total SO₂ Analysis

Average (bars) and standard deviation (line) (across labs)



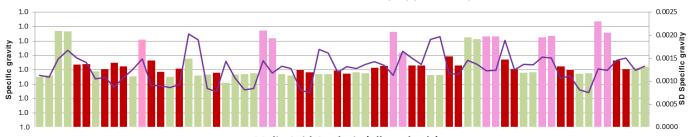
Free SO₂ Analysis (all methods)

Average (bars) and standard deviation (line) (across labs)



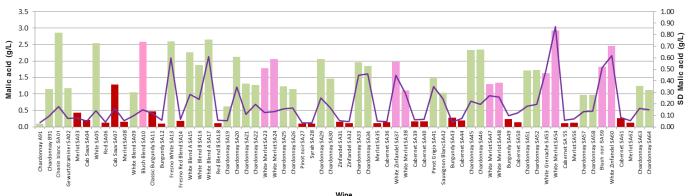
Specific Gravity Analysis (all methods)

Average (bars) and standard deviation (line) (across labs)



Malic Acid Analysis (all methods)

Average (bars) and standard deviation (line) (across labs)



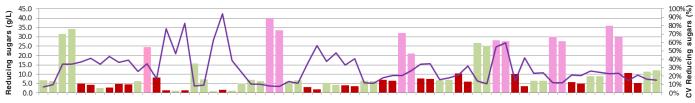
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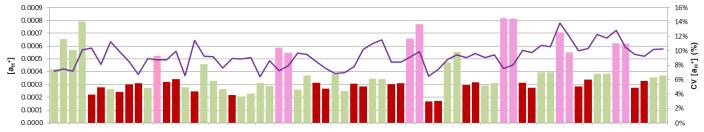


Average (bars) and relative standard deviation (line) (across labs)



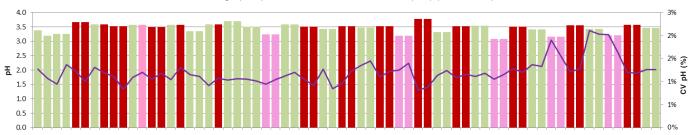
[a_H⁺] Analysis

Average (bars) and relative standard deviation (line) (across labs)



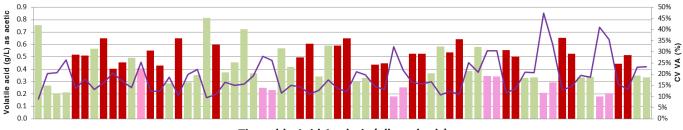
pH Analysis

Average (bars) and relative standard deviation (line) (across labs)



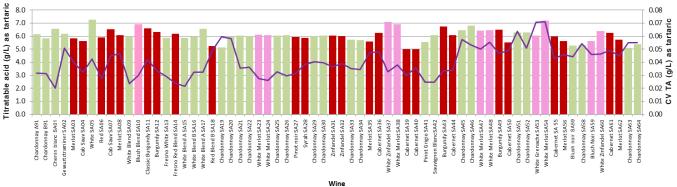
Volatile Acid Analysis (all methods)

Average (bars) and relative standard deviation (line) (across labs)



Titratable Acid Analysis (all methods)

Average (bars) and relative standard deviation (line) (across labs)



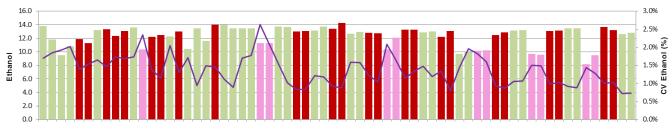
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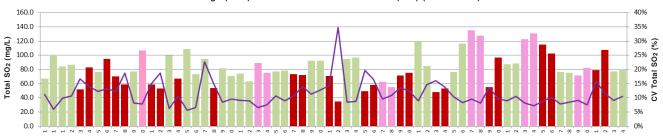
Ethanol Analysis (all methods)

Average (bars) and relative standard deviation (line) (across labs)



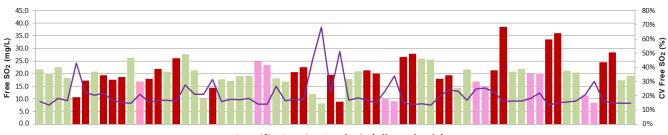
Total SO₂ Analysis (all methods)

Average (bars) and relative standard deviation (line) (across labs)



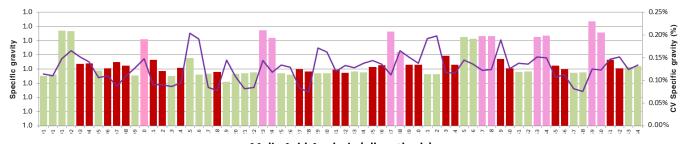
Free SO₂ Analysis (all methods)

Average (bars) and relative standard deviation (line) (across labs)



Specific Gravity Analysis (all methods)

Average (bars) and relative standard deviation (line) (across labs)



Malic Acid Analysis (all methods) Average (bars) and relative standard deviation (line) (across labs)

