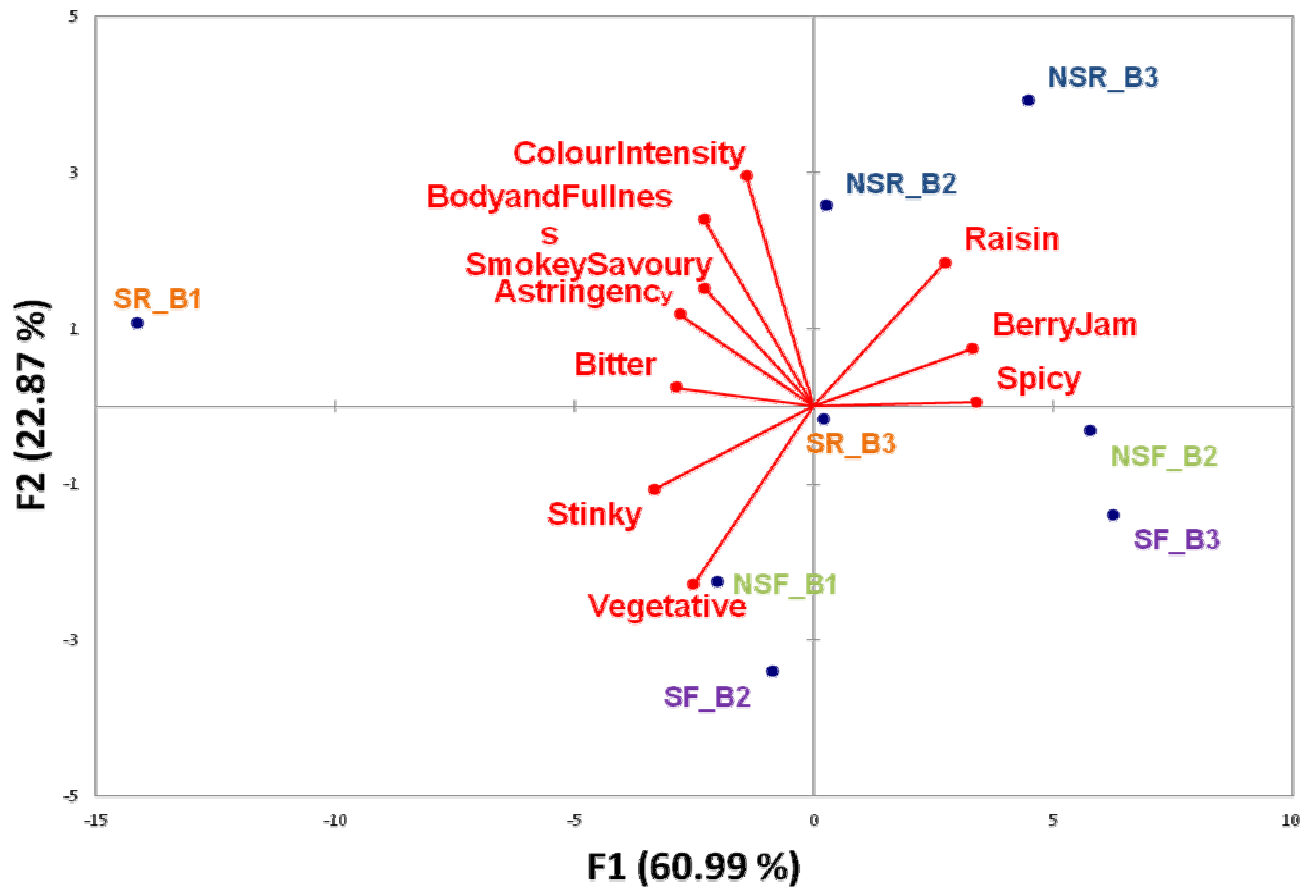


Sensory Analysis – Ripe stage (B)

Biplot (axes F1 and F2: 83.86 %)



Conclusions

- Over ripe conditions (>27 °B) did not enhance grape/ wine flavonoid composition
- Canopy modification effect was more pronounced than water deficit effect
- Clearer differences between RC and FC in 2011 because of regular lateral shoot removal, working against the compensation effect of the vines

Conclusions

Reduced Canopy density

- Consume less water
- Constant source: sink relationship ensured optimal ripening of bunches
- Improve mouthfeel, decreased vegetative & stinky characters
- Improved wine flavonoid composition from especially the ripe stage
- Maintained during ageing (Smart et al. 1985, Price et al. 1995, Joscelyne et al. 2007, Ristic et al 2007) in wine made from ripe fruit but not in wine from unripe fruit

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- Lord Jesus
- Supervisor: Dr Wessel du Toit
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- JJ Hunter for assistance during harvest

Thank you!

Vrae:

- Hoeveel **mm** water is gegee per week en in totaal in 2010 en 2011?
- Hoeveel **mm** water ekstra gegee aan NS in 2011 i.v.m. 2010?
- Wanneer begin besproei: na blom, wanneer PLWP tot -400 kPa gedaal het)
- PLWP is net na blom begin meet (**fenologie**)
- PLWP gebruik om te bepaal wanneer besproeiing moes plaasvind? (**Carbonneau**)
- Verskil tussen 2010 en 2011:
Sylote nie in 2010 uitgehaal. 2011: Sylote in onderste sone (trossone) verwyder (gereeld).
- In beide jare: RC oesverlaging van 40%
- **Foto van blok**

- Hoeveel mm water is gegee per week en in totaal in 2010 en 2011
- Wanneer begin besproei: na blom, wanneer PLWP -400 kPa)
- PLWP is net na blom begin meet (**stuur fenologie**)
- PLWP gebruik om te bepaal wanneer besproeiing moes plaasvind? (**Carbonneau**)
- Verskil tussen 2010 en 2011:
Sylote nie in 2010 uitgehaal. 2011: Sylote in onderste sone (trossone) verwyder (gereeld).
- In beide jare het die RC 'n oesverlaging van 40% getoon
- Blaarverwydering
- Sugar loading en hoe vergelykbaar met Prof Deloire se teorie?
- Hoekom RC meer flavonoide sintetiseer
- Maak PLWP reg (DABs)
- Hoe sal resultate verskil in bv robertson?? Dalk sylote toelaat om te groei
- Hoe sal resultate verskil in ander kvs?
- Ander ryrigting??
- Lugfoto variasie tussen persele? Moes ons nie reps apart gehou het ni???
- Seisoenverskille 2010: later i.t.v. Lootgroei en koeler)