**SUPPLEMENTARY DATA**
Windholtz, S., Miot-Sertier, C., Maupeu, J., Vallet-Courbin, A., Lucas, M., Pelonnier-Magimel, E., … Masneuf-Pomarede, I. (2025). Influence of sulphur dioxide management on microbial populations during wine ageing. *OENO One*, *59*(3).
https://doi.org/10.20870/oeno-one.2025.59.3.9346

# SUPPLEMENTARY DATA

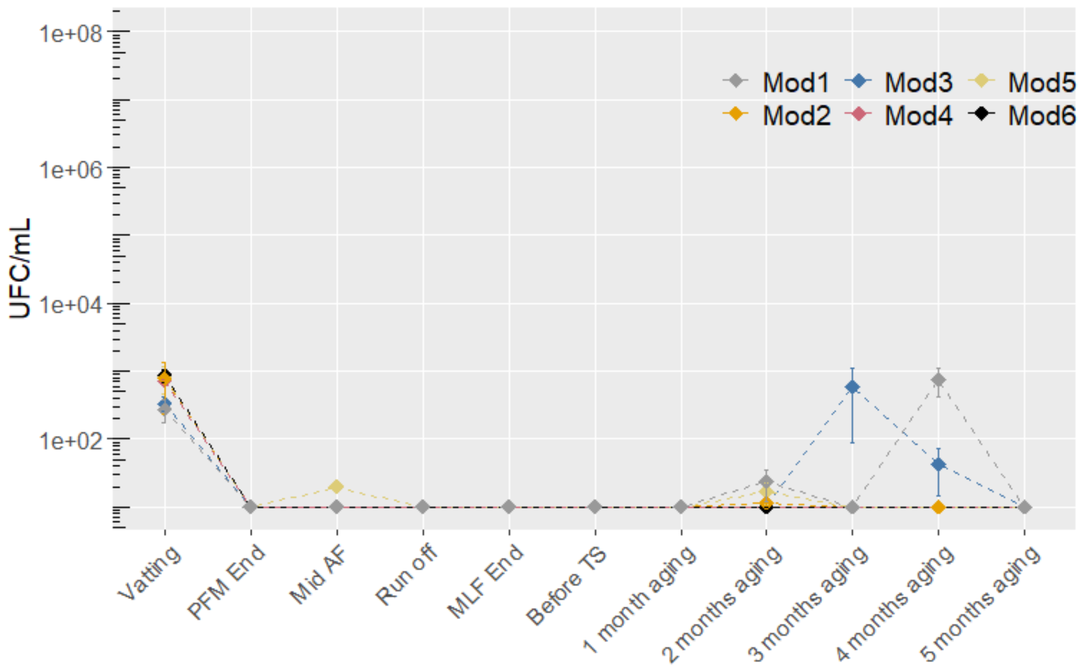


**Figure S1.** Population levels of acetic acid bacteria during the winemaking process.

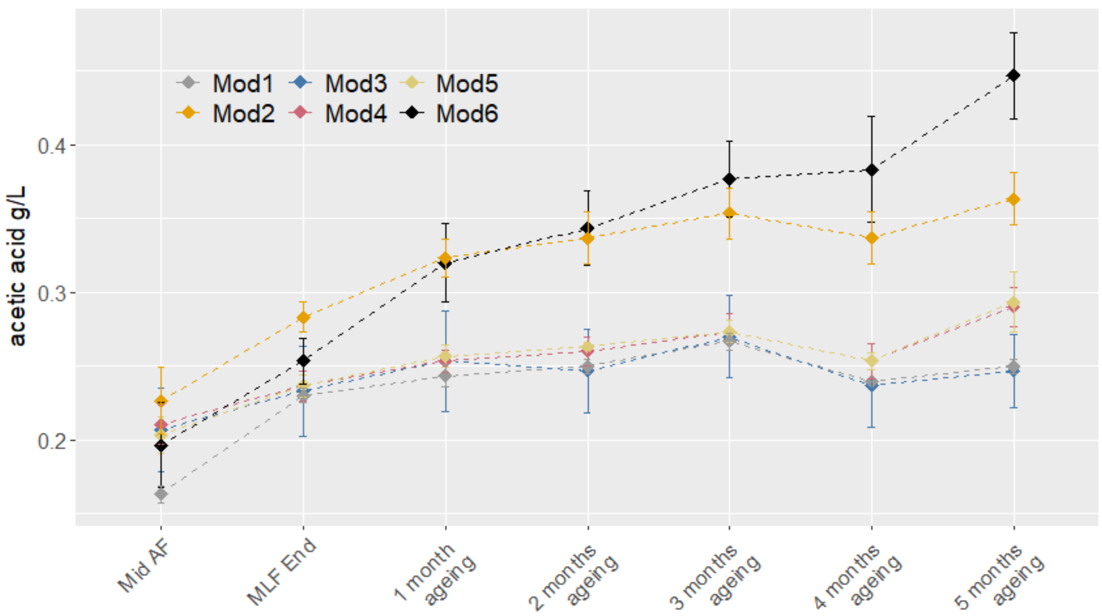


**Figure S2.** Acetic acid concentration during the wine ageing process.

Mid AF: mid alcoholic fermentation; MLF End: end of malolactic fermentation; Ageing: ageing in steel tank.

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**Table S1.** Wine analysis after malolactic fermentation (post MLF) and six months after bottling (bottling + six months).

| Treatment | Stage | Ethanol (v/v) | Total acidity (gL/expressed as tartaric acid) | Sugar (g/L) | L-Lactic acid (g/L) | D-Lactic acid (g/L) | pH | Assimilable nitrogen (mg/L) | Azote organic nitrogen (mg/L) | Nitrogen mineral (mg/L) | Citric acid (g/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod1 | Post MLF | 14.80 | 1.50 | < 0.2 | 0.59 | 0.28 | 3.79 | 69 | 67 | 2 | 0.66 |
| | Bottling + 6 months | | | | 0.58 ± 0.03 | 0.29 ± 0.01 | | | | | 0.5 ± 0.08 |
| Mod2 | Post MLF | 14.85 | 1.69 | < 0.2 | 1.02 | 0.43 | 3.78 | 62 | 61 | < 2 | 0.91 |
| | Bottling + 6 months | | | | 0.98 ± 0.03 | 0.56 ± 0.08 | | | | | 0.68 ± 0.07 |
| Mod3 | Post MLF | 14.95 | 1.60 | < 0.2 | 1.03 | 0.35 | 3.78 | 64 | 63 | < 2 | 0.95 |
| | Bottling + 6 months | | | | 1.01 ± 0.09 | 0.38 ± 0.04 | | | | | 0.66 ± 0.05 |
| Mod4 | Post MLF | 14.80 | 1.53 | < 0.2 | 1.19 | 0.38 | 3.76 | 64 | 62 | < 2 | 0.79 |
| | Bottling + 6 months | | | | 1.11 ± 0.12 | 0.41 ± 0.02 | | | | | 0.71 ± 0.06 |
| Mod5 | Post MLF | 14.80 | 1.65 | < 0.2 | 1.01 | 0.35 | 3.76 | 62 | 60 | < 2 | 0.78 |
| | Bottling + 6 months | | | | 1 ± 0.09 | 0.46 ± 0.03 | | | | | 0.68 ± 0.12 |
| Mod6 | Post MLF | 14.85 | 1.71 | < 0.2 | 1.24 | 0.38 | 3.79 | 65 | 64 | < 2 | 0.60 |
| | Bottling + 6 months | | | | 0.9 ± 0.05 | 0.61 ± 0.04 | | | | | 0.77 ± 0.029 |

Post MLF: biological replicates were blended for analyse; Bottling + six months: biological replicates were analysed separately.