

# Wine

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A significant amount of value for wine is derived from its provenance story which makes reputable regions, such as Marlborough, a target for fraud. We can test wine and prove its true origin to a country, region or a specific winery.

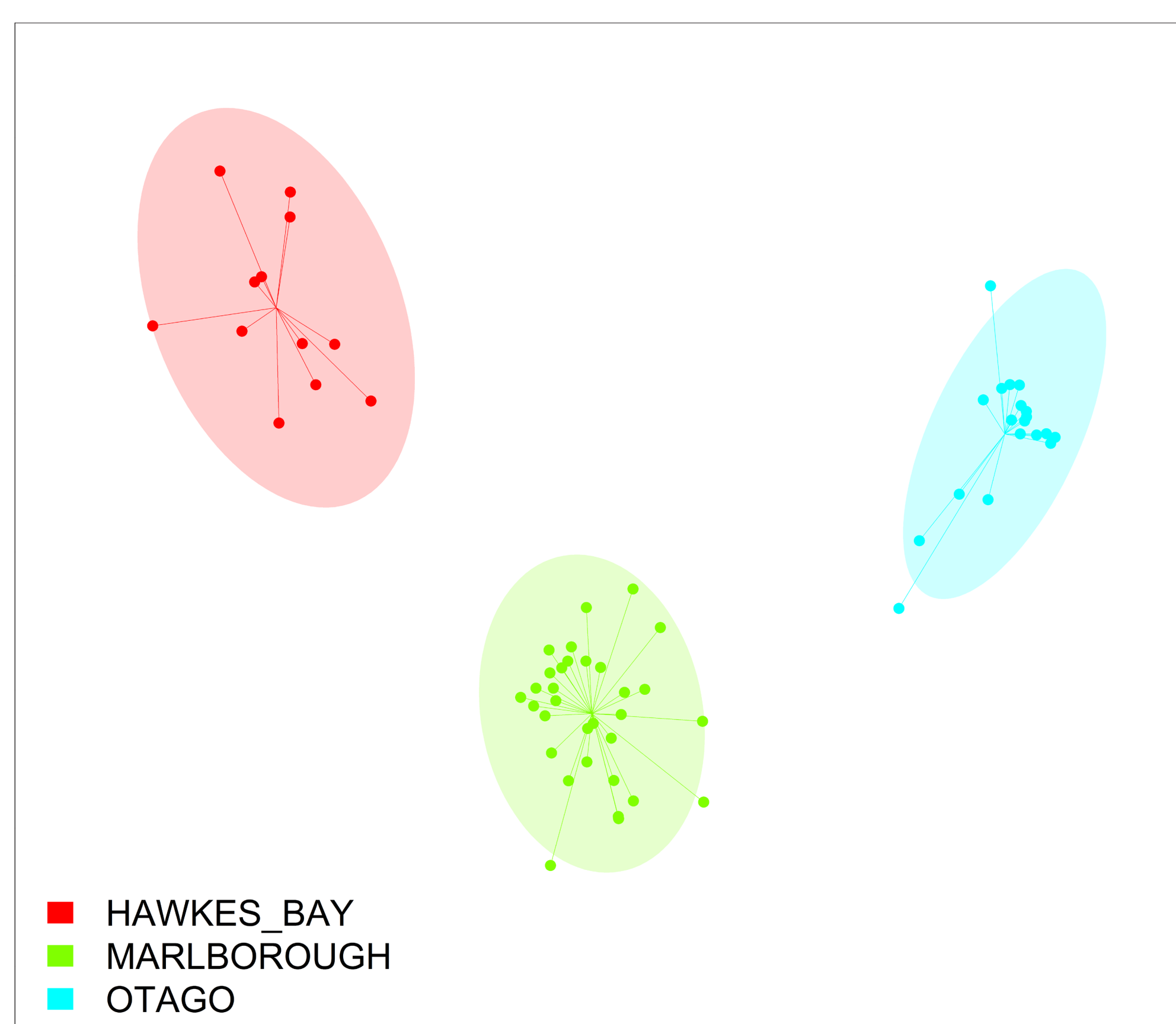


Oritain can answer the following questions:

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- Is this wine a true product of New Zealand?
- Is this wine a true product of a specific region, for example Marlborough?
- Is this wine consistent with a specific producer/winery?

Example of wine origin fingerprints



REGION	HAWKES BAY	MARLBOROUGH	OTAGO
<b>SENSITIVITY</b>	91.72 %	97.45 %	99.44 %
<b>SPECIFICITY</b>	99.35 %	96.25 %	98.95 %
<b>FALSE POSITIVE RATE</b>	0.65 %	3.75 %	98.95 %
<b>FALSE NEGATIVE RATE</b>	8.28 %	2.55 %	0.56 %

Each cluster represents an origin fingerprint for a particular wine region, and each point within the cluster represents a sample. If the sample fits inside the cloud, it is deemed to be consistent with that region of origin.

## Origin Resolution



Country



Region



Winery