# Samaria Valley H0493
## SVWFH493 - Based on offspring kill data
n= 22 p= 0.05

PEDFAJ287 DAI 20 HIRASHIGE J287
IMJFAJ2351 HIRASHIGETAYASU J2351 HONGEN (IMP JAP)
PEDFAJ187250 DAI 5 YURUHIME J187250
**Sire: WESFZ0278 WESTHOLME HIRASHIGETAYASU Z278 (AI)**
IMJFAJ2810 KITATERUYASUDOI J2810 HONGEN (IMP JAP)
WESFX0106 WESTHOLME OHYURIHIME (AI) (ET)
WESFU0038 WESTHOLME MORITAKE U38 (IMP USA) (AI) (ET)
**Animal: SVWFH493 SAMARIA VALLEY H0493 (AI) (ET)**
PEDFA201 MONJIRO J11550
WKSFM0164 WORLD K'S MICHIFUKU
PEDFA215 MICHIKO J655635 (AI)
**Dam: PMGFD0057 PEPPERMILL GROVE F D057 (AI) (ET)**
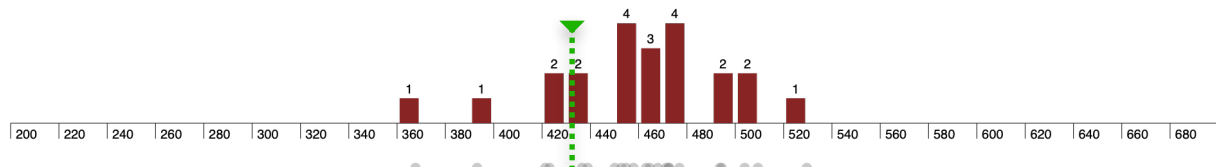IMJFAJ2351 HIRASHIGETAYASU J2351 HONGEN (IMP JAP)
7GHFZ5001 GEANCA F Z5001 (AI) (ET)
7GHFW5129 GEANCA F W5129 (AI) (ET)

*Distribution of MSA [Sire = SVWFH493]*
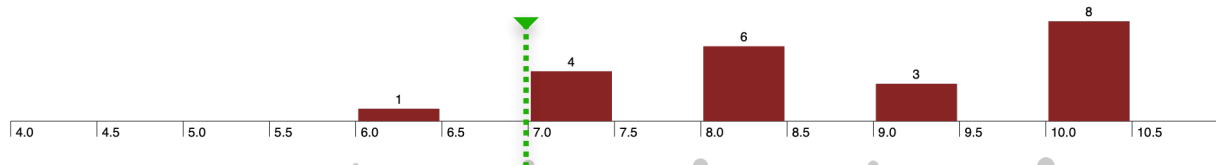


*Estimated mean = 8.591 ± 0.575*

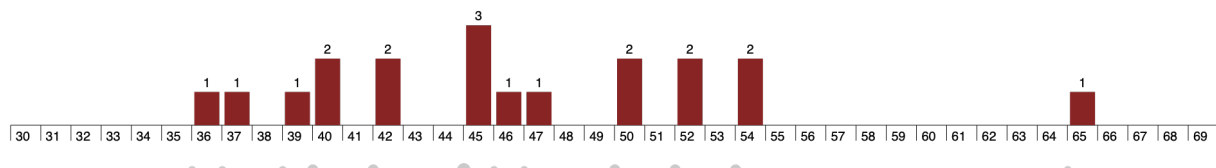AWA herd mean marble Score = 7 (Australian Wagyu Update January 2019)

*Distribution of Carcase wt [Sire = SVWFH493]*



*Estimated mean = 459.818 ± 16.576*

AWA herd mean carcase weight = 435 kg (Australian Wagyu Update January 2019)

*Distribution of EMA [Sire = SVWFH493]*



*Estimated mean = 46.368 ± 3.462*

| | Gestation Length (days) | Birth Wt (kg) | 200 Day Wt (kg) | 400 Day Wt (kg) | 600 Day Wt (kg) | Mat Cow Wt (kg) | Milk (kg) | Scrotal Size (cm) | Carcase Wt (kg) | Eye Muscle Area (sq cm) | Rump Fat (mm) | Retail Beef Yield (%) | Marble Score | Marble Fineness (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EBV | +2.1 | +3.2 | +15 | +18 | +27 | +17 | +3 | -0.2 | +13 | +2.8 | -2.9 | +1.7 | +0.5 | +0.16 |
| Accuracy | 70% | 88% | 84% | 85% | 86% | 78% | 73% | 66% | 85% | 76% | 79% | 68% | 78% | 69% |

June 2021 Wagyu BREEDPLAN

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## Correlation between actual carcase data and the AWA EBVs

**EBV MS by MSA**
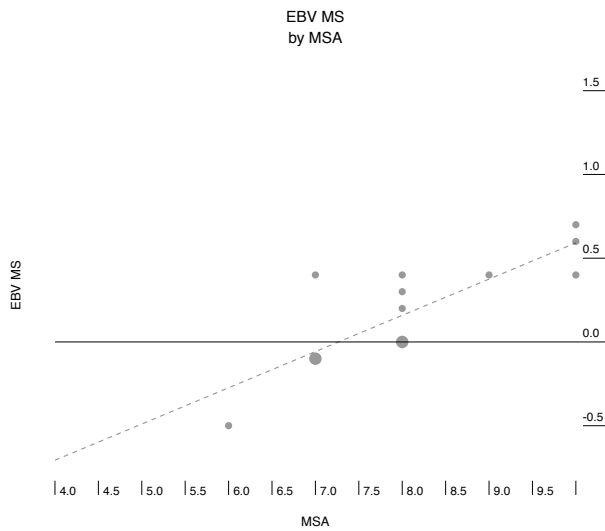


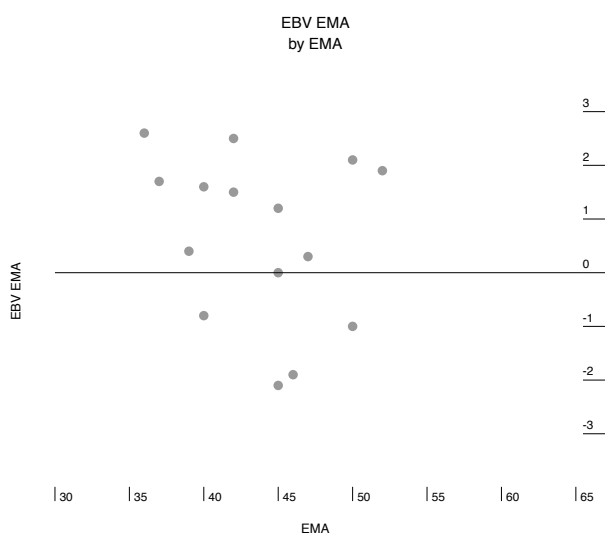### Strong Correlation

| **Product-Moment Correlation** | |
| --- | --- |
| Test statistic: | r(13) = 0.822 |
| Critical value @ 5%: | C = 0.574 |
| Significant? [ \|r\| > C ] | **yes** |
| P-value: | <0.001 |

**EBV Carcase by Carcase wt**
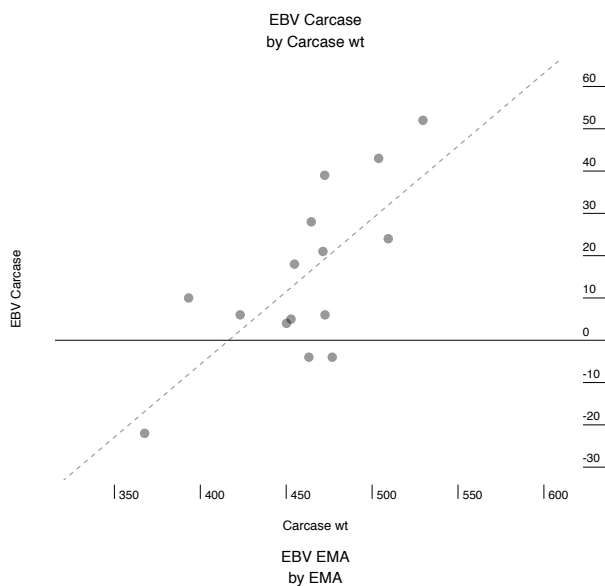


### Moderate Correlation

| **Product-Moment Correlation** | |
| --- | --- |
| Test statistic: | r(13) = 0.725 |
| Critical value @ 5%: | C = 0.574 |
| Significant? [ \|r\| > C ] | **yes** |
| P-value: | 0.004 |

**EBV EMA by EMA**



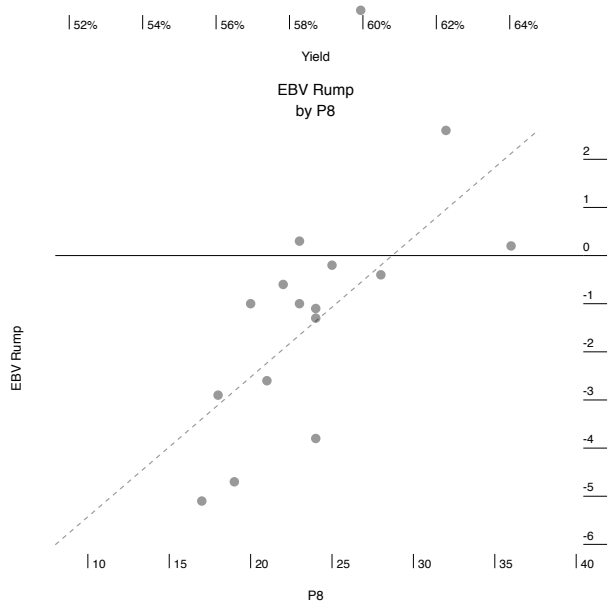### No Correlation between AWA EBVs and actual carcase data

# Samaria Valley H0493
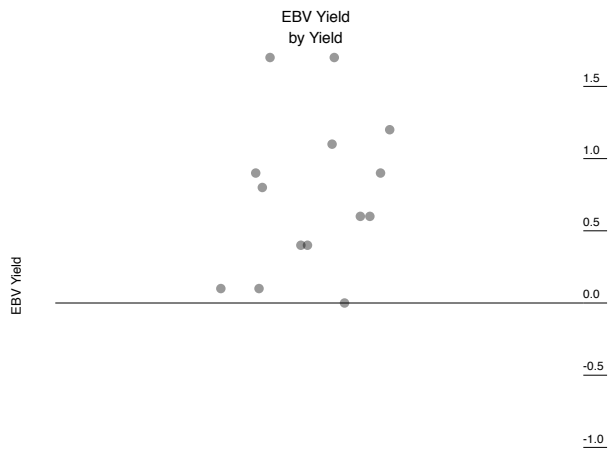
## Correlation between actual carcase data and the AWA EBVs

**EBV Yield by Yield**



## No Correlation between AWA EBVs and actual carcase data

**EBV Rump by P8**



## Moderate Correlation

| **Product-Moment Correlation** | |
|---|---|
| Test statistic: | r(13) = 0.722 |
| Critical value @ 5%: | C = 0.574 |
| Significant? [ \|r\| > C ] | **yes** |
| P-value: | 0.005 |