Samaria Valley Peppermill Grove H008
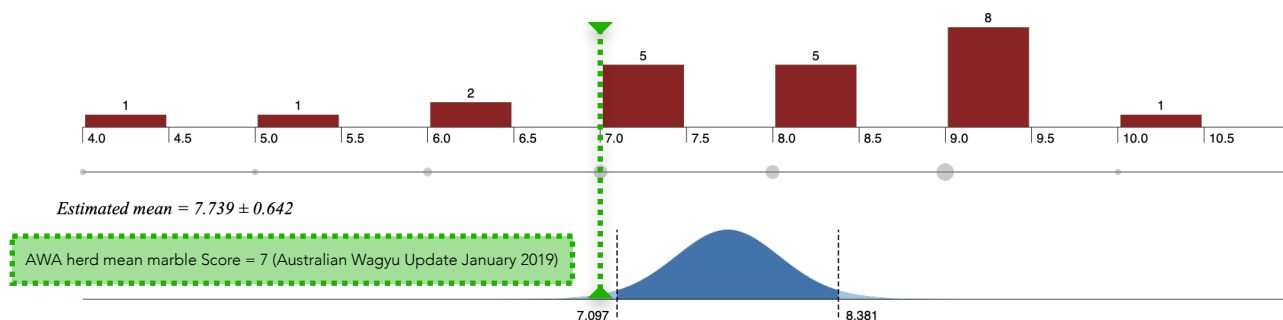
PMGFH0008 - Based on offspring kill data
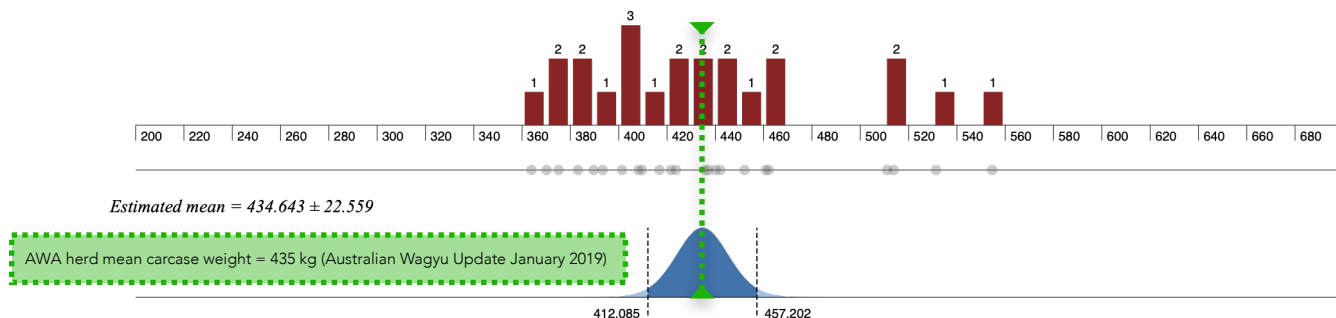
n= 23, p= 0.05

SAMARIA VALLEY **WAGYU**

PEDFAJ10787 KIKUTERU DOI J10787
PEDFAJ1742 TERUNAGADOI 1742
PEDFAJ240580 TERUNAHO J240580
Sire: IMJFAJ2810 KITATERUYASUDOI J2810 HONGEN (IMP JAP)
PEDFAJ472 YASUTANI DOI J472
PEDFAJ601124 YOSHIMI 3 601124
PEDFAJ206526 YOSHIMI J206526 - KURO IKU
Animal: PMGFH0008 PEPPERMILL GROVE H008 (AI) (ET)
PEDFA10632 SHIGESHIGENAMI J10632
IMUFQTF148 ITOSHIGENAMI (IMP USA)
PEDFA661 FUKUYUKI
Dam: KH FW0020 KILALAH NAMI W020 (AI) (ET)
IMUFM2100 KIKUYASU 400 (IMP JAP)
SUMFU2007 SUMO YASU U2007 (AI) (ET)
IMUFR3246 TF HIKOHIME 12/2 (IMP USA) (ET)

Distribution of MSA [Sire = PMGFH0008]
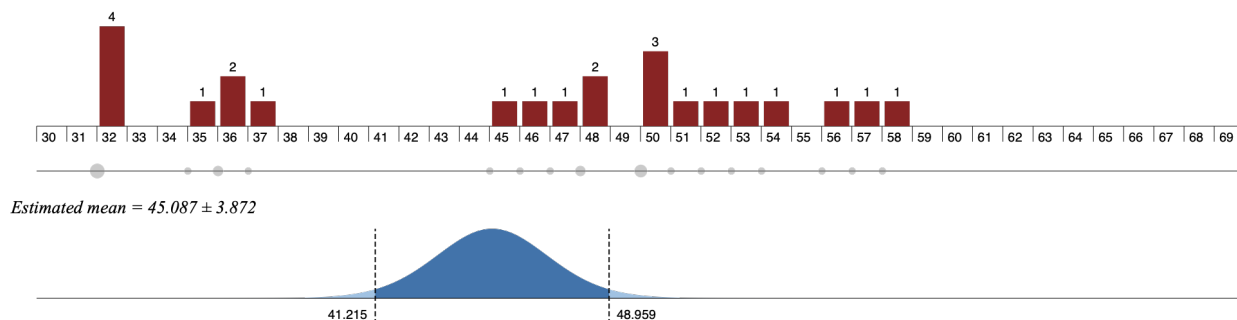

Estimated mean = 7.739 ± 0.642

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

7.097   8.381

Distribution of Carcase wt [Sire = PMGFH0008]

Estimated mean = 434.643 ± 22.559

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

412.085   457.202

Distribution of EMA [Sire = PMGFH0008]

Estimated mean = 45.087 ± 3.872

41.215   48.959

	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 (%)
June 2021 Wagyu BREEDPLAN														
EBV	-0.2	-0.9	-2	+2	-1	+5	-5	-1.4	-7	+0.3	-4.3	+0.8	+1.2	+0.18
Accuracy	70%	89%	83%	82%	85%	75%	70%	63%	79%	70%	71%	63%	73%	66%

Samaria Valley Peppermill Grove H008

Correlation between actual carcase data and the AWA EBVs

EBV MS by MSA
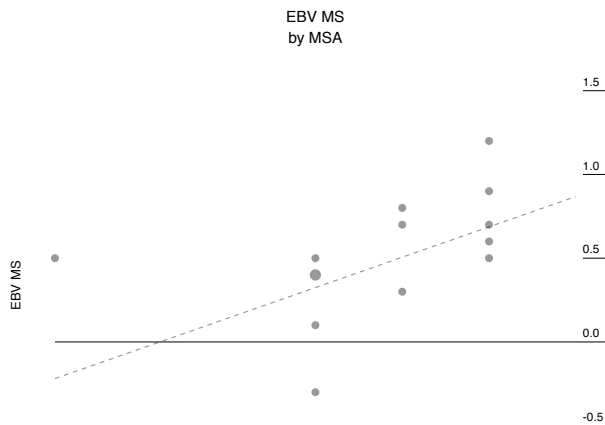
Weak but statistically significant correlation

Product-Moment Correlation	
Test statistic:	r(13) = 0.523
Critical value @ 5%:	C = 0.514
Significant? [|r| > C]	**yes**
P-value:	0.046

EBV Carcase by Carcase wt
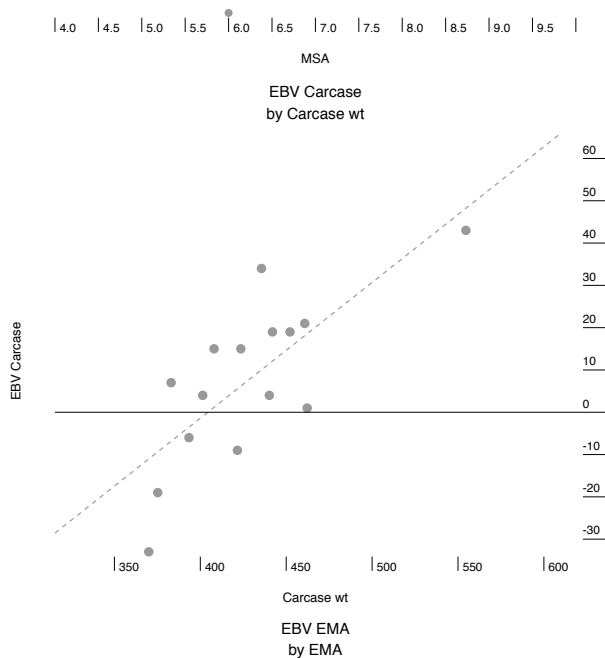
Moderate Correlation

Product-Moment Correlation	
Test statistic:	r(13) = 0.755
Critical value @ 5%:	C = 0.514
Significant? [|r| > C]	**yes**
P-value:	0.001

EBV EMA by EMA

No Correlation between AWA EBVs and actual carcase data

Samaria Valley Peppermill Grove H008

Correlation between actual carcase data and the AWA EBVs

EBV Rump by P8 scatter plot (EBV Rump vs P8)
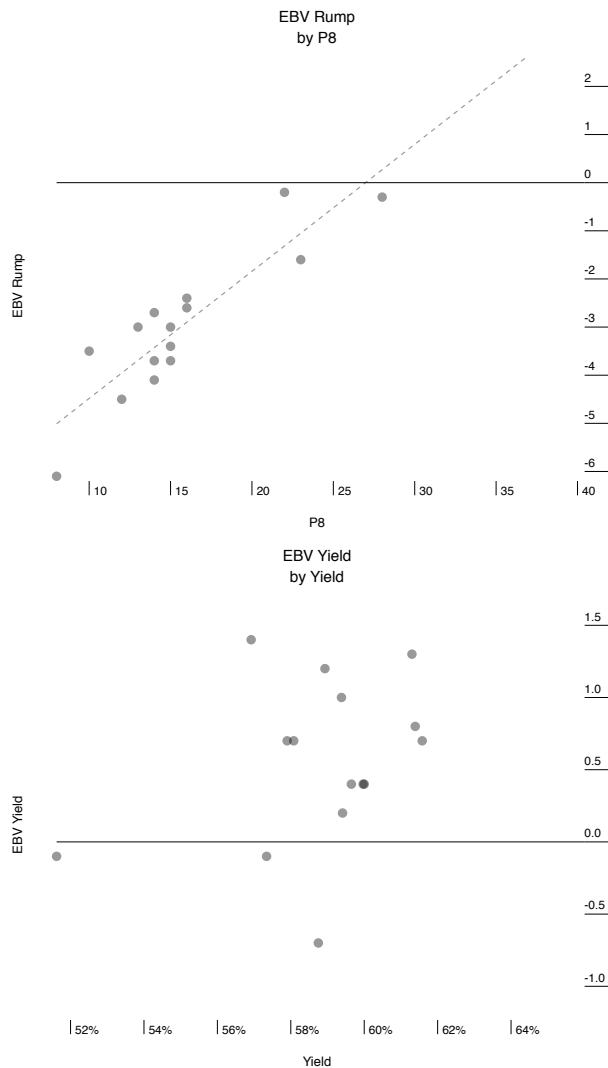
Strong Correlation

Product-Moment Correlation	
Test statistic:	r(13) = 0.892
Critical value @ 5%:	C = 0.514
Significant? [|r| > C]	**yes**
P-value:	<0.001

EBV Yield by Yield scatter plot (EBV Yield vs Yield)

No Correlation between AWA EBVs and actual carcase data