

Impact of the programme improvements



Form ID	Field	Value
Form 1	ANIMAL ID	123456789
	DATE OF BIRTH	01/01/2014
	SEX	Male
	WEIGHT	50kg
Form 2	ANIMAL ID	987654321
	DATE OF BIRTH	15/02/2014
	SEX	Female
	WEIGHT	45kg
Form 3	ANIMAL ID	567890123
	DATE OF BIRTH	20/03/2014
	SEX	Female
	WEIGHT	40kg

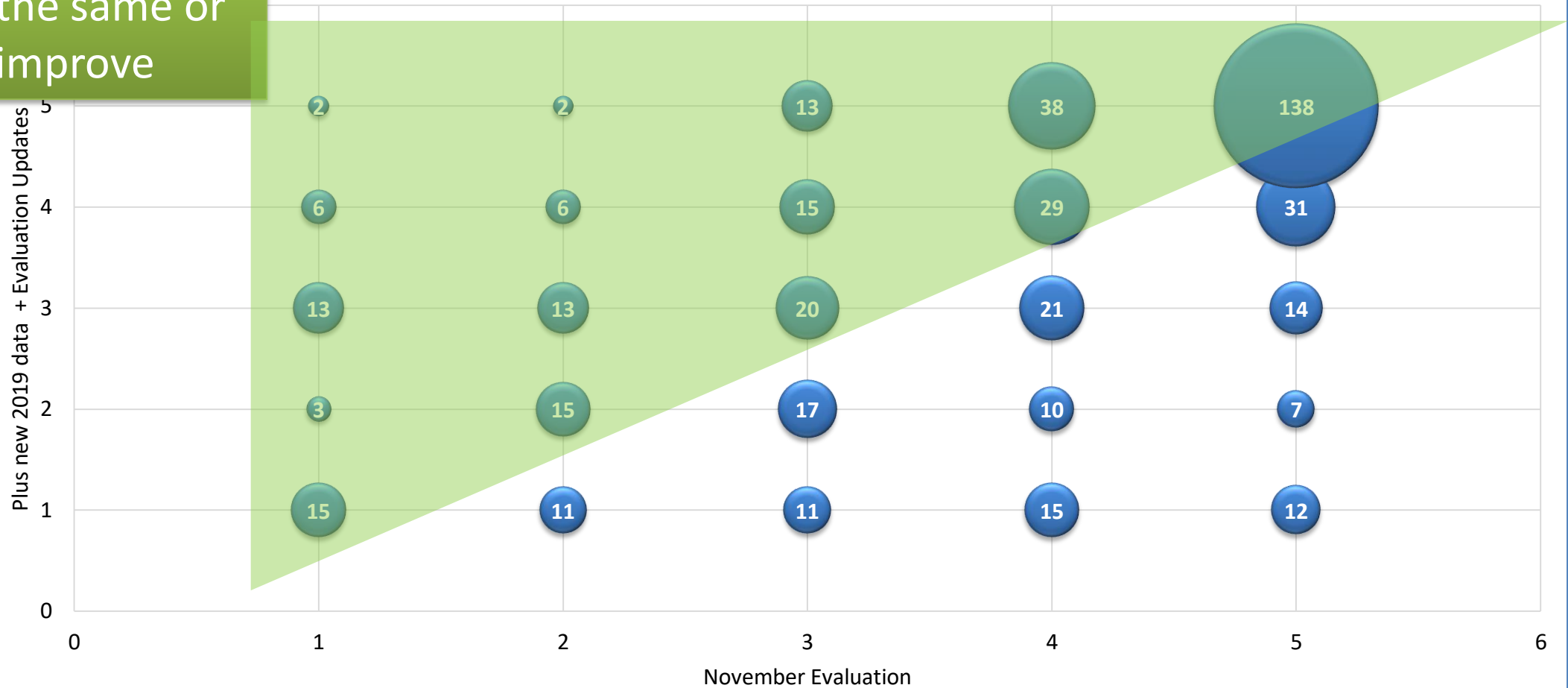


Kevin McDermott
Sheep Ireland

Star Movements – Active Ram Lambs

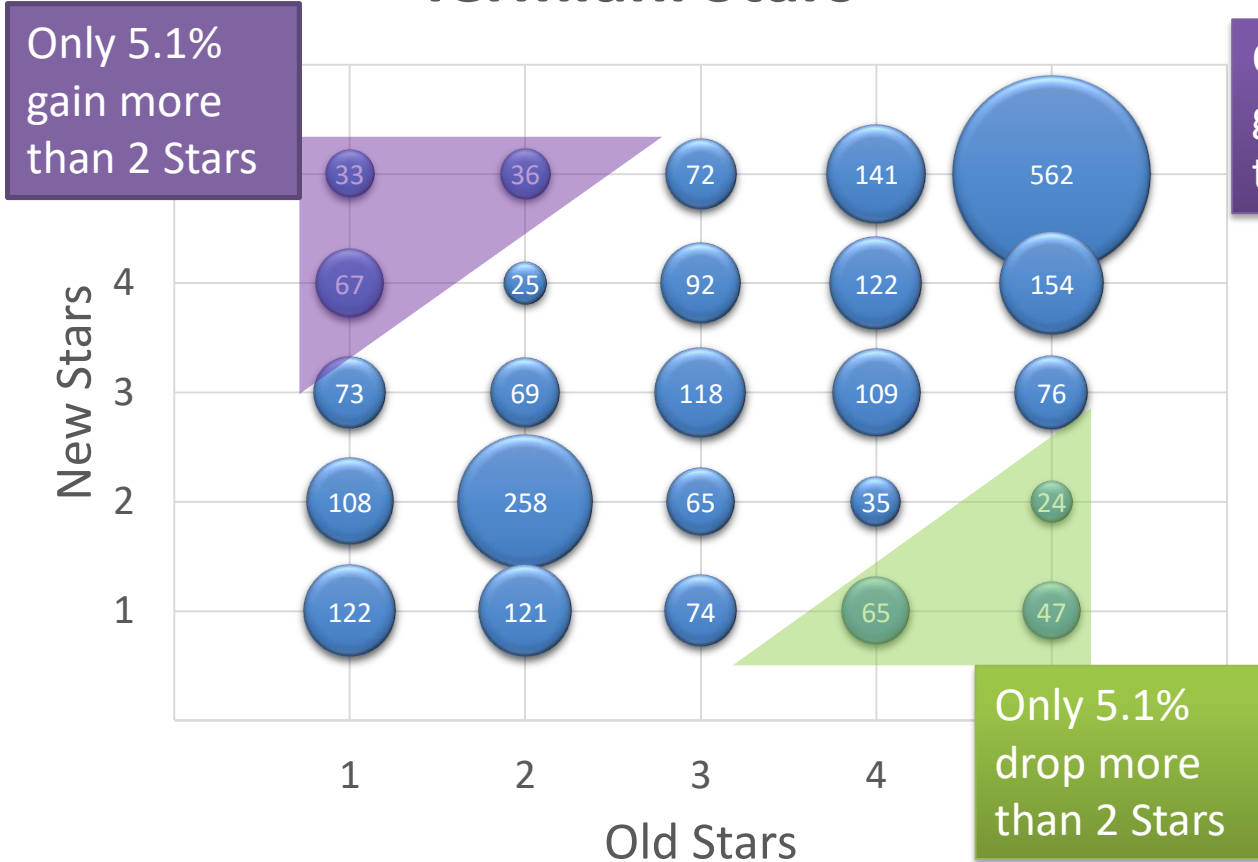
70% remain the same or improve

November Evaluation + 2019 data + Evaluation updates

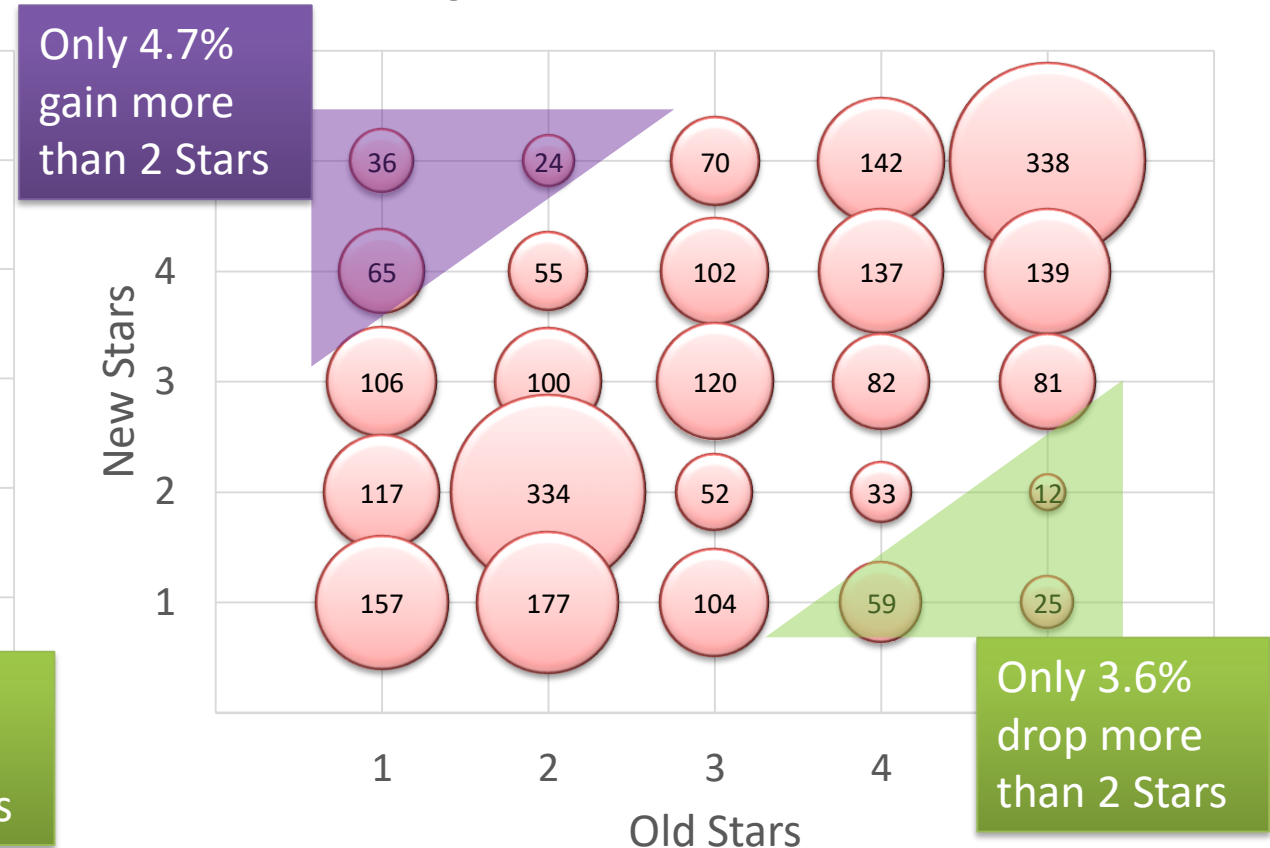


Star Movements

Terminal Stars

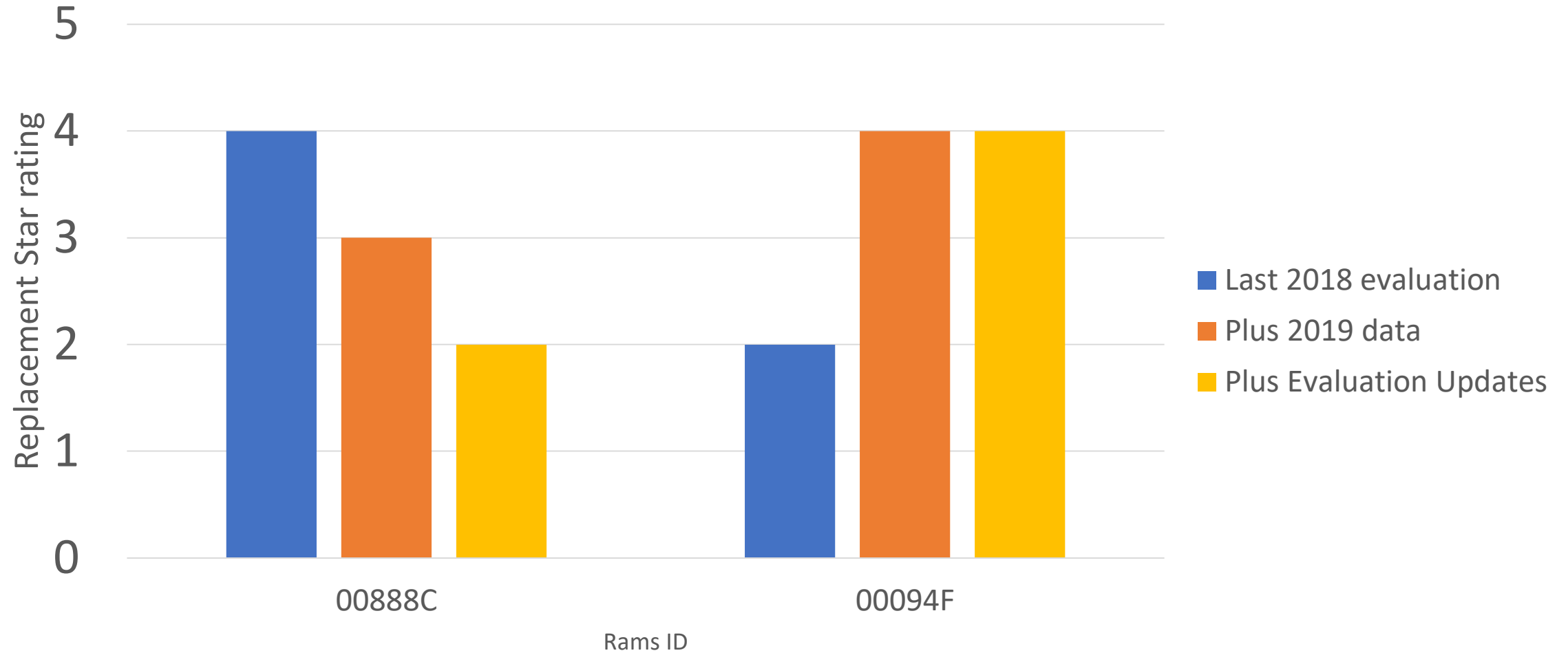


Replacement Stars



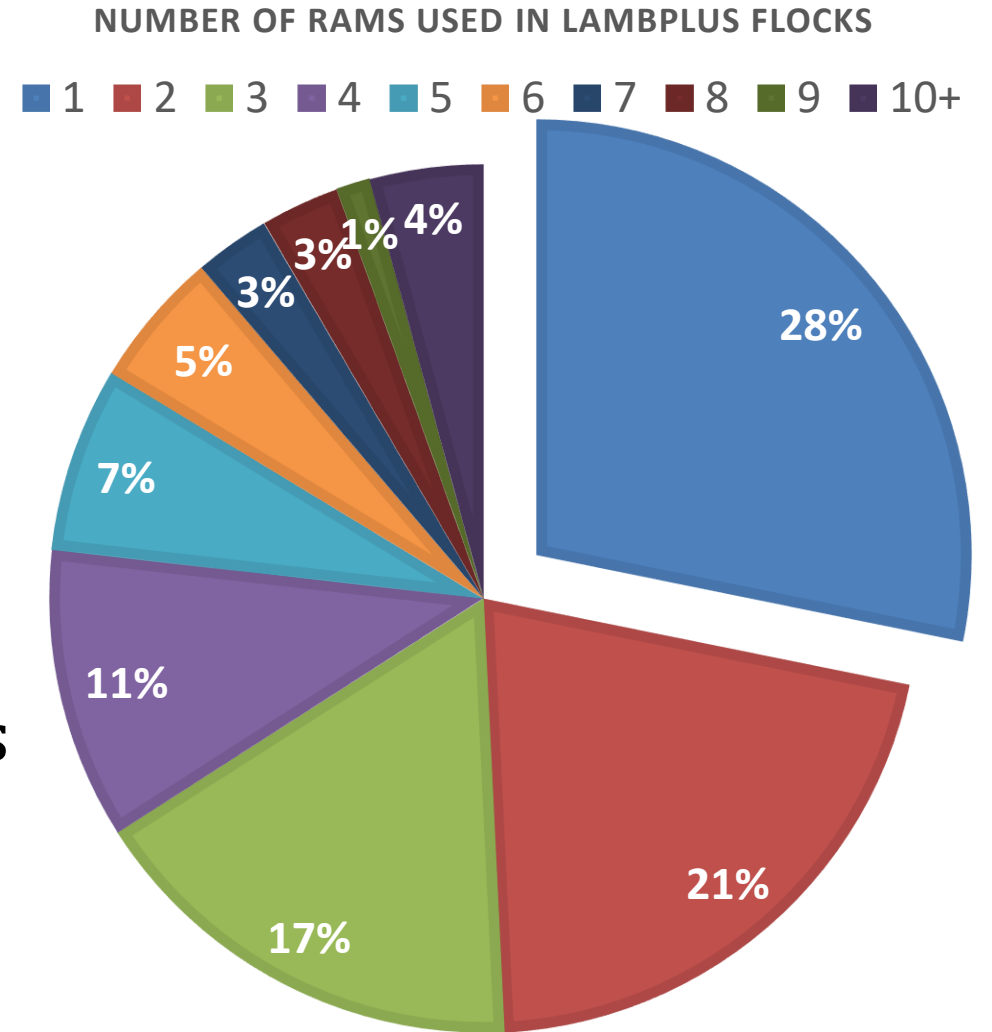
- Based on 2,267 stock rams

Effect of improvements on individual rams



How to help protect your flock from future movements

- Parentage verification
- Sourcing High Acc% sires
- Sourcing rams High DQI flocks
- Own flock recording
- Using a team of rams
 - Retaining from multiple bloodlines



Effectiveness of the Evaluation

- Model Validation

- Compare predicted outcomes to the actual data
 - ≥ Remove 3 years of data
- The closer to 1, the better the model
 - ≥ The old evaluation scored 0.41
 - ≥ The new evaluation scored 0.66

- The Differences between 1 star and 5 star have increased

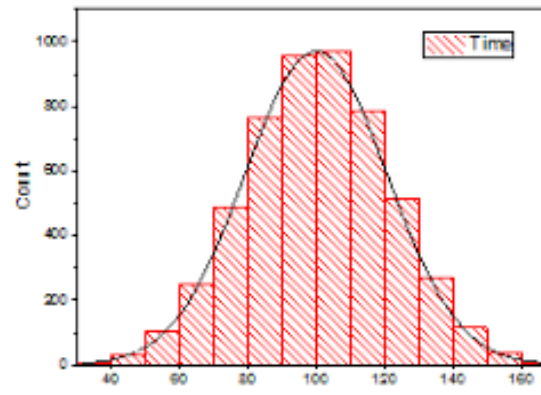
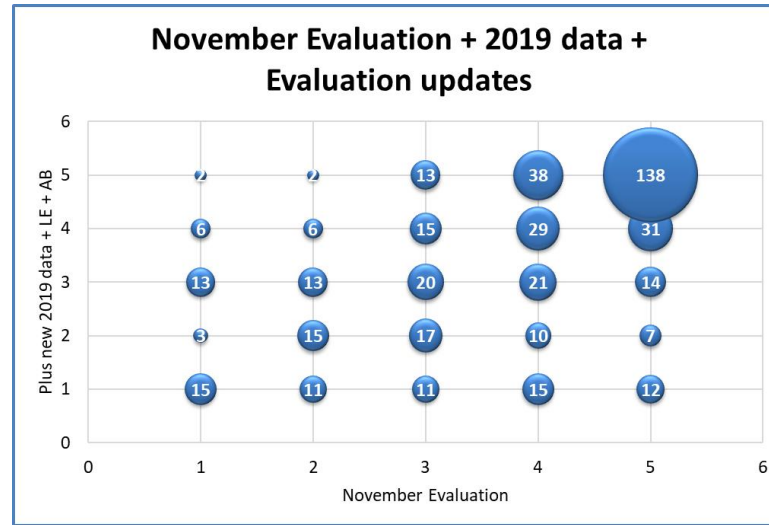
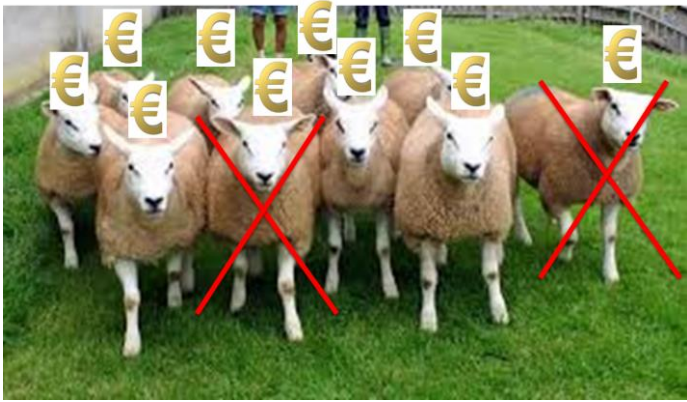
Key Traits	Old Evaluation	New Evaluation	Increase
Ewe Mature Weight (kg)	-7.42	-9.52	-2.10
150 Day Weight (kg)	1.89	2.60	0.71
Age at slaughter (Days)		-10.26	

How will these changes be presented

Lot: 269		Owner: Joe Shepard (DQI: 70%); Hilltop, Co. Clare Breeder: Joe Shepard (DQI: 70%); Hilltop, Co. Clare	
Animal	Ancestry	EuroStars 20/08/2018	
IE041234502606D ABC1802606 Farglen DOB: 10-Jan-2018 Suffolk Male Single Parentage DNA Verified M & F Scanned: Yes	<ul style="list-style-type: none"> GS Hilltop Arbennig PNS11021 GD Hilltop SKW1400395 Hilltop Arbennig SKW1700463 Farglen ABC15031 <ul style="list-style-type: none"> GS Farglen Grand Slam ABC08125 GD Farglen ABC12006 	Replacement (€-1.44) Acc 38% Rank Btm 31%	Terminal (€0.82) Acc 42% Rank Top 14%
		★★★	★★★★★★
		Lamb Survivability (0.81%) 0% ———— Top 21% V ———— 100% Acc 41.8%	
		Days to Slaughter -8.64 days 0% ———— Top 2% V ———— 100% Acc 48%	
		No. of Lambs Born (€-0.51) 0% ———— V Btm 9% ———— 100% Acc 30%	
		Daughters Milk (€0.30) 0% ———— Top 19% V ———— 100% Acc 32%	
Comment:			

Lot: 269		Owner: Joe Shepard (DQI: 70%); Hilltop, Co. Clare Breeder: Joe Shepard (DQI: 70%); Hilltop, Co. Clare	
Animal	Ancestry	EuroStars 20/08/2018	
IE041234502606D ABC1802606 Farglen DOB: 10-Jan-2018 Suffolk Male Single Parentage DNA Verified M & F Scanned: Yes	<ul style="list-style-type: none"> GS Hilltop Arbennig PNS11021 GD Hilltop SKW1400395 Hilltop Arbennig SKW1700463 Farglen ABC15031 <ul style="list-style-type: none"> GS Farglen Grand Slam ABC08125 GD Farglen ABC12006 	Replacement (€-1.96) Acc 38% Rank Btm 31%	Terminal (€1.12) Acc 42% Rank Top 14%
		★★★	★★★★★★
		Lamb Survivability (1.37%) 0% ———— Top 21% V ———— 100% Acc 41%	
		Days to Slaughter -15.64 days 0% ———— Top 2% V ———— 100% Acc 48%	
		No. of Lambs Born (€-0.81) 0% ———— V Btm 9% ———— 100% Acc 30%	
		Daughters Milk (€0.39) 0% ———— Top 19% V ———— 100% Acc 32%	
Comment:			

Take Home Messages



Thank you

- Questions

