

LAMBPRO 2015 SELECTION DAY



POLL DORSET/TRADIE
3PM THURSDAY 5TH NOVEMBER

PRIMELINE MATERNAL
10.30 AM FRIDAY 6TH NOVEMBER

'KINROSS' 649 WAGGA ROAD HOLBROOK NSW

LAMBPRO RAM SELECTION DAY

'KINROSS' WAGGA ROAD HOLBROOK

POLL DORSET/ TRADIE

THURSDAY 5 NOVEMBER 3pm

Lunch & Dinner provided

PRIMELINE MATERNAL

FRIDAY 6 NOVEMBER 10.30am

Breakfast & lunch provided

AUCTIONSPLUS

PHYSICAL SALE INTERFACED LIVE WITH AUCTIONSPLUS. ALL BUYERS WILL NEED TO BE REGISTERED PRIOR BY CONTACTING TIM WRIGHT ELDERS.

SELLING AGENTS

TIM WRIGHT – ELDERS HOLBROOK 0429 679 410

RAM HEALTH

- ALL RAMS WILL HAVE INDEPENDENT STRUCTURAL SCORES PROVIDED ON THE DAY.
- OJD MN1 V
- BRUCELLOSIS ACCREDITED
- FOOTROT FREE
- ALL RAMS VET CHECKED FOR BREEDING SOUNDNESS, AND FEET AND LEG STRUCTURE

THURSDAY NIGHT DINNER INVITATION

Dinner at 'KINROSS' 7pm

Please RSVP to Tom Bull 0438 680 585 tom@lambpro.com.au

WELCOME

Welcome to the November 2015 Ram Selection Auction. The sale will be held over two days, with Poll Dorset and Tradie rams sold on Thursday afternoon, and the Primeline Maternal rams sold Friday morning. Both sales will be interfaced with Auctionsplus.

After much talk over the past decade, the red meat boom appears to be emerging. With lamb contracts for peak supply times over \$5.00, the upcoming lamb season looks positive. More importantly at this level, it appears sustainable for all sectors of the supply chain.

The sale rams represent the breeding objectives of the three breeding programs Poll Dorset, Tradie, and Primeline Maternal. This has seen a domestic focus with an emphasis on moderate fat, and high muscle to go with cost of production traits.

The Poll Dorset rams are moderate framed, moderate fat with our characteristic breed leading eye muscle. These traits are right throughout the draft creating better value buying opportunities.

A larger offering of Primeline Maternal rams will be on sale, that are phenotypically the most consistent draft to date. The average age is on sale day will be 120 days with the average weight over 50 kilograms. This has been achieved in a drop of lambs that weaned over 150% and were stocked at 6 ewes/ha.

In 2006 after one of the worst seasons on record we made a conscious effort to change our sheep to become more resilient to dry seasons. This has seen our sheep increase in fat, and reduce frame score. The sheep now store energy (fat) in good seasons, and draw down in feed limited times. This has seen some outstanding productivity in dry times over the past five years.

All rams have been independently structurally assessed, and carry a twelve month death guarantee.

We wish our clients the best for the upcoming lamb season and hope that Eastern Australia receives good finishing rains.

Yours sincerely,
Tom Bull

DISCLAIMER

While every care has been taken with the accuracy of this catalogue, no responsibility is accepted for any errors which may have occurred.



Understanding LAMBPLAN Maternal ASBVs

Rams with a more positive weaning weight (WWT) will, on average, produce lambs that grow quicker to weaning. This ram will produce lambs that are, on average, 0.4kg heavier than a ram with a 0 ASBV for WWT.

Rams with more positive ASBVs for post weaning weight (PWT) produce lambs that grow quicker and reach target weights in a shorter time. This ram will produce lambs that are, on average, 1.25kg heavier than a ram with a 0 ASBV for PWT.

Rams with more positive ASBVs for eye muscle depth (EMD) produce lambs that have a higher lean meat yield. This ram will produce lambs that have a 0.2mm deeper eye muscle than a ram with a 0 EMD ASBV.

Rams with a higher clean fleece weight (CFW) ASBV will produce progeny that cut more wool. This ram will produce progeny that, on average, cut 2.5% more wool than a ram with an ASBV of 0.

Worm egg count (WEC) ASBVs estimate an animal's genetic potential for resisting worm burdens. Lower WEC ASBVs are desirable. This ram will, on average, sire progeny that have 10% fewer eggs/gram than a ram with an ASBV of 0.

Trait	WWT (kg)	MWT (kg)	PWT (kg)	FAT (mm)	EMD (mm)	NLW (%)	CFW (%)	SC (cm)	WEC (%)	INDEX
ASBV	0.8	1.0	2.5	-0.4	0.4	4	5	0.6	-10	105.6
Acc	51	53	61	45	38	33	37	44	37	

Rams with more positive ASBVs for maternal weaning weight (MWT) will produce daughters which will wean heavier lambs. This ASBV reflects a combination of the daughter's ability to milk and provide a better maternal environment.

Rams with a more negative ASBV for fat will produce lambs that are leaner, at the same weight. This ram will produce lambs that are, on average, 0.2mm leaner at the GR site when compared to a ram with a FAT ASBV of 0.

Rams with a more positive number of lambs weaned (NLW) ASBV will sire daughters that wean a higher percentage of lambs. This ram with an ASBV of 4 will sire daughters which, on average, will wean 2% more lambs.

Rams with higher scrotal circumference (SC) ASBVs will sire daughters that are, on average, more fertile.

An index is a guide to the value of a ram for a particular market. Rams with higher indexes will produce lambs that are more suited to that particular breeding objective. In many cases the indexes used for maternal breeds are in \$ terms.

- An ASBV of 0 is the average of the 1990 drop.
- Note: A useful rule of thumb for converting ram ASBVs into lamb production differences is to simply halve the ASBV (as rams contribute half the genetics of the lamb).
- Accuracy - published as a percentage, is a reflection of the amount of effective information that is available to calculate the ASBV. All ASBVs are now published with accuracies. The higher the percentage, the closer the ASBV is to the true breeding value of the animal. Breeding values without accuracies are Flock Breeding Values (FBVs) and can only be compared within the flock.

Understanding LAMBPLAN ASBVs

Rams with lower ASBVs for birth weight (BWT) produce lambs with lower birth weight. Both low (lamb survival) and high (lambing difficulties) birth weights should be avoided.

Rams with more positive ASBVs for post weaning weight (PWT) produce lambs that grow quicker and reach target weights in a shorter time. This ram will produce lambs that are, on average, 3kg heavier at post weaning age (7.5 months) than a ram with an ASBV of 0.

Worm egg count (WEC) ASBVs estimate an animal's genetic potential for worm burdens. Lower WEC ASBVs are desirable. This ram will, on average, sire progeny that will have 5% fewer eggs/gram than a ram with an ASBV of 0.

Trait	BWT (kg)	WWT (kg)	PWT (kg)	PFAT (mm)	PEMD (mm)	WEC (%)	INDEX
ASBV	0.3	4	6.0	-1.5	1.0	-10	150
Acc	43	63	71	59	69	37	

Rams with a more positive ASBV for weaning weight (WWT) will, on average, produce lambs that grow quicker to weaning. This ram will produce lambs that are 2kg heavier than a ram with a 0 ASBV for WWT.

Rams with a more negative ASBV for post weaning fat (PFAT) will produce lambs that are leaner, at the same weight. This ram will produce lambs that are, on average, 0.75mm leaner at the GR site when compared to a ram with a FAT ASBV of 0.

Rams with more positive ASBVs for post weaning eye muscle depth (PEMD) produce lambs that have more muscle, independent of weight, and a higher lean meat yield. This ram will produce lambs that have, on average, a 0.5mm deeper eye muscle than a ram with a 0 EMD ASBV.

An index is a guide to the value of a ram for a particular market. Rams with higher indexes will produce lambs that are more suited to that particular market target. It is important to understand what market the index applies to before using an index.

- An ASBV of 0 is the average of the 1990 drop.
- Note: A useful rule of thumb for converting ram ASBVs into lamb production differences is to simply halve the ASBV (as rams contribute half the genetics of the lamb).
- Accuracy - published as a percentage, is a reflection of the amount of effective information that is available to calculate the ASBV. All ASBVs are now published with accuracies. The higher the percentage, the closer the ASBV is to the true breeding value of the animal. Breeding values without accuracies are Flock Breeding Values (FBVs) and can only be compared within the flock.

For more information contact Sheep Genetics
Ph: 02 6773 2948 Fax: 02 6773 2707
info@sheepgenetics.org.au www.sheepgenetics.org.au

Sheep Genetics is a joint program of Meat & Livestock Australia Limited ABN 39 081 678 364 and Australian Wool Innovation Limited ABN 12 095 165 558



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Percentile Report

Analysis TERMINAL Dated 15/10/2015

Animals born in 2014

Band	Bwt	Wwt	PWwt	Ywt	Pfat	Yfat	Pemd	Yemd	Ysc	Hsc	Pfec	Yfec	MWwt	NLW	LAMB2020		Trade\$	SRC	
	kg	kg	kg	kg	mm	mm	mm	mm	cm	cm	%	%	kg	%	Carcase +	Export\$			
0	-0.80	14.4	22.3	23.2	-2.8	-2.9	5.0	5.0	4.9	4.1	-85	-78	8.7	19	234.7	120.1	117.3	116.7	154.5
1	-0.46	10.8	16.8	17.6	-1.7	-1.8	3.2	3.2	4.2	3.8	-60	-57	5.6	11	209.6	115.6	112.8	113.1	142.9
2	-0.41	10.4	16.2	17.0	-1.5	-1.7	3.0	2.9	4.1	3.7	-54	-51	4.9	10	206.1	114.9	112.2	112.6	141.3
3	-0.38	10.2	15.9	16.7	-1.5	-1.6	2.8	2.8	3.9	3.6	-51	-48	4.5	9	203.8	114.5	111.9	112.4	140.3
4	-0.36	10.0	15.6	16.4	-1.4	-1.5	2.7	2.7	3.9	3.6	-48	-46	4.2	9	202.1	114.2	111.6	112.2	139.5
5	-0.32	9.9	15.4	16.2	-1.4	-1.5	2.6	2.6	3.8	3.6	-46	-44	4.0	8	200.8	114.0	111.3	112.0	138.9
10	0.00	9.4	14.6	15.5	-1.2	-1.3	2.3	2.3	3.6	3.4	-40	-38	3.5	7	195.8	113.1	110.5	111.3	136.7
15	0.11	9.1	14.1	15.0	-1.1	-1.2	2.1	2.0	3.5	3.3	-36	-34	3.3	6	192.4	112.6	109.9	110.8	135.3
20	0.16	8.8	13.7	14.6	-1.0	-1.1	1.9	1.9	3.4	3.2	-33	-31	3.1	5	189.6	112.1	109.4	110.4	134.2
25	0.20	8.6	13.4	14.2	-0.9	-1.0	1.8	1.7	3.3	3.1	-30	-28	3.0	5	187.0	111.8	108.9	110.0	133.2
30	0.23	8.4	13.0	13.9	-0.8	-0.9	1.7	1.6	3.2	3.0	-28	-25	2.8	4	184.6	111.4	108.5	109.6	132.3
35	0.25	8.2	12.7	13.6	-0.8	-0.9	1.6	1.5	3.1	2.9	-25	-22	2.7	3	182.3	111.1	108.0	109.3	131.4
40	0.27	8.0	12.4	13.3	-0.7	-0.8	1.4	1.3	3.1	2.8	-23	-20	2.6	3	179.9	110.8	107.6	108.9	130.6
45	0.29	7.8	12.1	12.9	-0.7	-0.7	1.3	1.2	3.0	2.7	-20	-18	2.5	2	177.6	110.5	107.2	108.6	129.8
50	0.31	7.6	11.8	12.6	-0.6	-0.7	1.2	1.1	2.9	2.6	-18	-15	2.4	2	175.1	110.1	106.7	108.2	128.9
55	0.33	7.4	11.4	12.3	-0.5	-0.6	1.1	1.0	2.8	2.6	-16	-13	2.3	1	172.6	109.8	106.2	107.9	128.0
60	0.35	7.2	11.1	11.9	-0.5	-0.5	1.0	0.9	2.7	2.5	-13	-11	2.2	1	169.9	109.4	105.6	107.5	127.1
65	0.37	7.0	10.7	11.5	-0.4	-0.5	0.9	0.8	2.6	2.4	-11	-8	2.1	0	167.2	109.1	105.0	107.2	126.1
70	0.39	6.7	10.3	11.1	-0.3	-0.4	0.8	0.7	2.4	2.3	-8	-5	1.9	0	164.3	108.7	104.2	106.8	125.0
75	0.41	6.4	9.8	10.5	-0.3	-0.3	0.7	0.6	2.3	2.2	-4	-2	1.8	-1	161.3	108.3	103.3	106.4	123.8
80	0.43	6.1	9.3	9.9	-0.2	-0.2	0.6	0.4	2.2	2.0	-1	2	1.6	-1	158.0	107.9	102.1	105.8	122.3
85	0.45	5.7	8.7	9.2	-0.1	0.0	0.4	0.3	2.0	1.8	5	7	1.4	-2	154.4	107.4	100.5	105.2	120.6
90	0.49	5.2	8.1	8.3	0.1	0.2	0.2	0.1	1.8	1.6	12	15	1.1	-3	150.2	106.8	98.2	104.3	118.7
95	0.53	4.5	7.1	7.0	0.3	0.5	-0.1	-0.2	1.5	1.4	23	27	0.7	-5	144.2	106.0	94.6	102.5	115.9
96	0.55	4.3	6.8	6.7	0.4	0.6	-0.1	-0.3	1.4	1.3	28	30	0.5	-6	142.4	105.7	93.4	101.9	115.1
97	0.57	4.0	6.5	6.3	0.5	0.7	-0.3	-0.4	1.2	1.2	32	34	0.3	-7	140.0	105.4	92.0	101.1	114.1
98	0.59	3.7	6.1	5.8	0.6	0.8	-0.4	-0.6	1.0	1.0	39	40	0.1	-8	136.7	105.0	90.1	100.0	112.6
99	0.63	3.1	5.2	5.0	0.8	1.0	-0.7	-0.8	0.8	0.8	48	48	-0.3	-10	130.3	104.0	86.6	98.2	110.0
100	0.98	-4.9	-6.2	-5.3	2.7	2.9	-3.2	-2.9	-0.5	0.2	128	104	-2.6	-17	68.7	95.8	27.8	72.4	85.3

SHEEP GENETICS



Percentile Report

Analysis MATERNAL Dated 15/10/2015

Animals born in 2014

Band	Bwt	Wwt	PWwt	Ywt	Pfat	Yfat	Pemd	Yemd	Ysc	Hsc	Pfec	Yfec	MWwt	NLW	LAMB2020		Trade\$	SRC	
	kg	kg	kg	kg	mm	mm	mm	mm	cm	cm	%	%	kg	%	Carcase +	Export\$			
0	-0.50	13.5	18.3	20.0	2.8	4.2	5.2	4.4	5.3	3.9	-90	-78	3.1	25	216.0	116.8	113.7	113.9	147.8
1	-0.04	9.8	14.1	15.9	1.1	1.6	2.9	2.4	3.7	2.8	-71	-59	1.7	19	194.8	113.3	110.1	111.5	138.2
2	0.02	9.4	13.6	15.3	0.9	1.3	2.5	2.1	3.5	2.6	-67	-55	1.5	17	189.2	112.7	109.5	110.8	136.3
3	0.06	9.1	13.2	14.9	0.7	1.1	2.2	1.8	3.4	2.5	-63	-52	1.4	17	185.1	112.2	109.1	110.4	135.1
4	0.09	8.9	13.0	14.6	0.6	0.9	2.0	1.7	3.3	2.4	-61	-50	1.4	16	182.1	111.8	108.8	110.1	134.2
5	0.11	8.8	12.8	14.4	0.5	0.8	1.9	1.6	3.2	2.4	-59	-48	1.3	16	179.7	111.6	108.5	109.8	133.4
10	0.19	8.3	12.0	13.6	0.3	0.4	1.5	1.2	3.0	2.2	-51	-41	1.0	14	172.9	110.6	107.6	109.0	130.5
15	0.25	7.9	11.5	13.1	0.1	0.1	1.2	1.0	2.8	2.0	-45	-37	0.9	12	168.7	109.9	106.9	108.5	128.4
20	0.30	7.6	11.1	12.7	0.0	-0.1	1.0	0.9	2.7	1.9	-41	-33	0.7	11	165.5	109.3	106.3	108.1	126.7
25	0.33	7.4	10.7	12.3	-0.1	-0.2	0.9	0.7	2.6	1.8	-37	-30	0.6	10	162.6	108.9	105.7	107.7	125.4
30	0.37	7.1	10.4	11.9	-0.2	-0.3	0.7	0.6	2.5	1.7	-33	-27	0.5	9	160.1	108.4	105.1	107.4	124.1
35	0.39	6.9	10.1	11.6	-0.3	-0.5	0.6	0.5	2.4	1.6	-30	-24	0.4	8	157.8	108.0	104.6	107.0	123.0
40	0.42	6.7	9.8	11.3	-0.4	-0.6	0.5	0.4	2.3	1.6	-26	-21	0.3	7	155.4	107.6	104.0	106.7	122.0
45	0.44	6.5	9.5	10.9	-0.4	-0.7	0.4	0.3	2.2	1.5	-22	-19	0.2	6	153.1	107.2	103.5	106.4	121.0
50	0.46	6.3	9.2	10.5	-0.5	-0.8	0.3	0.2	2.1	1.4	-19	-16	0.1	6	150.8	106.9	102.9	106.0	119.9
55	0.49	6.0	8.9	10.2	-0.6	-0.9	0.2	0.1	2.0	1.3	-16	-13	0.0	5	148.6	106.5	102.3	105.6	118.9
60	0.51	5.7	8.5	9.7	-0.6	-0.9	0.1	0.0	1.8	1.2	-12	-10	-0.1	4	146.3	106.1	101.6	105.2	117.9
65	0.53	5.4	8.1	9.3	-0.7	-1.0	0.0	-0.1	1.7	1.1	-8	-7	-0.2	4	143.8	105.8	100.9	104.7	116.7
70	0.55	5.1	7.6	8.7	-0.8	-1.1	-0.2	-0.2	1.6	1.0	-3	-3	-0.3	3	140.8	105.3	100.1	104.2	115.4
75	0.58	4.7	7.1	8.1	-0.8	-1.2	-0.3	-0.3	1.4	0.9	3	1	-0.4	2	137.2	104.8	99.2	103.6	114.0
80	0.60	4.2	6.4	7.4	-0.9	-1.4	-0.4	-0.4	1.3	0.8	10	6	-0.5	1	132.6	104.3	98.0	103.0	112.6
85	0.62	3.7	5.6	6.6	-1.0	-1.5	-0.6	-0.5	1.1	0.7	18	13	-0.6	0	127.9	103.7	96.5	102.3	110.9
90	0.66	3.0	4.6	5.4	-1.2	-1.7	-0.7	-0.7	0.8	0.5	30	22	-0.8	-2	122.7	103.0	94.2	101.3	108.8
95	0.70	2.0	3.1	3.6	-1.4	-1.9	-1.0	-0.9	0.5	0.3	47	38	-1.1	-5	115.4	102.0	90.1	99.6	105.9
96	0.71	1.8	2.7	3.1	-1.5	-2.0	-1.0	-1.0	0.5	0.2	52	44	-1.2	-5	113.3	101.7	88.8	99.0	105.1
97	0.72	1.5	2.4	2.5	-1.5	-2.1	-1.1	-1.0	0.3	0.1	59	49	-1.3	-6	110.9	101.4	86.9	98.1	104.0
98	0.74	1.2	1.9	1.8	-1.7	-2.3	-1.2	-1.1	0.2	0.0	69	57	-1.4	-7	108.1	101.0	84.3	96.7	102.9
99	0.77	0.7	1.2	0.8	-1.9	-2.5	-1.4	-1.3	0.0	-0.3	85	72	-1.7	-9	103.9	100.5	79.6	93.6	100.7
100	1.22	-2.3	-3.2	-3.0	-3.4	-4.3	-2.6	-2.6	-1.7	-1.6	314	184	-3.1	-18	80.2	95.1	16.3	46.9	88.6

SHEEP GENETICS



TRADE MATERNAL INDEX

TO FINE TUNE BREEDING OBJECTIVE

The current Maternal Dollar Index is a generic index developed over a decade ago for use predominantly in first-cross ewe systems. While small adjustments have been made over time, the main change is the addition of Worm Egg Count as a trait. The index uses parameters related to first cross ewe systems and lacks relevance to market requirements. Many of the top sires ranked on Maternal Dollar Index, are totally unsuitable to the domestic market, and would attract a discount in the market place, which undermines the economic values used. The top ranked sire currently on Maternal Dollar index is -2 for fat and -1.8 for muscle. This highlights the weakness of using generic indexes.

The Maternal Dollar Index doesn't take into consideration expected feed intake of ewes which is common practice in beef, dairy and NZ lamb indexes. This has been limited by a lack of breeders collecting ewe weight. Maternal ewe weight is more of an issue in lamb than beef, as sheep handling is becoming increasingly difficult for the growing number of 100kg ewes in the industry.

The modern, specialist self-replacing lamb industry is totally different to that which was based on the old first-cross ewe. Market suitability is more important to the self-replacing industry and has hampered growth in this sector due to an issue with consistency and carcase quality. In addition ewe efficiency is paramount, and the ability to produce kilograms at low cost, is becoming an exact science.

Most of our clients operate similar systems, based on using a low-cost pasture base predominantly in spring, to produce as many slaughter lambs as possible per hectare. These lambs usually end up in high-end domestic markets. Worms are less of an issue for our clients than they were a decade ago, wool is a smaller consideration, skins remain important but the key traits are growth rate, lambs weaned per hectare and ease of management of the ewe base.

In developing an index we worked on the basic philosophy that less traits means more gains. Wool is important but has negative correlations with skin value, and we register worm susceptibility as our sheep are run under parasite pressure which in turn comes through in trait data. The key traits included in our customised index are three production traits and two market traits (which also impact production).

Our aim is to produce the best trade lambs at the lowest cost of production. The domestic market suitability is paramount, as

it can in many flocks equate to premiums over export prices of up to 40 cents a kilogram. This is over \$8 a head which can have a significant influence on per hectare profitability. Improved muscle, with the right fat drives makes lambs 'first pick' lambs ensuring our clients can access these markets when supply is plentiful.

The key traits used in the new index are weaning weight, adult ewe weight, milk, yearling number of lambs weaned and the number of lambs weaned. The market traits are fat and muscle. These traits have been given a simple economic value. The main difference to the current index is to maintain early growth rate, while applying a cap to adult ewe weight. The use of weaning weight, as opposed to post weaning weight, is more in line with the average slaughter dates of clients' lambs, and more importantly it has a significantly lower correlation with adult ewe weight than post-weaning weight. This allows LAMBPRO to select animals that are high for early growth but have a moderate ewe weight genetically.

Fertility and milking ability are vitally important, and consequently we have increased their weighting in the new index. Achieving a desirable domestic lamb is a combination of getting fat and muscle to an optimum level. We have put a positive dollar weighting on fat, as the main criticism of composite lambs by the domestic market is their excessive leanness, mostly stemming from East Friesian infusions. This positive weighting will attempt to optimise fat at zero. Progeny testing carcase data supports zero as an optimum level. We aim to lift muscle as high as possible, so long as it doesn't impact other traits. Domestic lambs need a minimum 'shape' and we believe the absolute minimum is +1 for PEMD and long term we want it to increase to +2.

Running the index across our flock and other industry animals, a consistent trend appears. The high early growth, moderate ewe weight, high milking, and higher fertility animals with domestic suitability dominate the top rankings. The LAMBPRO sire team ranks extremely highly among its industry peers, due to our long term focus on breeding ewes of this description.

When we analysed our 2014 data, the Trade Maternal Index had a higher correlation with profitability than the maternal dollar index. Due to this fact we are moving all our selection and marketing to the new index. We will, however still provide the Maternal Dollar index to clients for full transparency.



ACCOMMODATION

BYER FOUNTAIN MOTOR INN

164 ALBURY STREET HOLBROOK NSW 2644
02 6036 2077

HOLBROOK SETTLERS MOTEL

11293 HUME HIGHWAY HOLBROOK NSW 2644
02 6036 2855

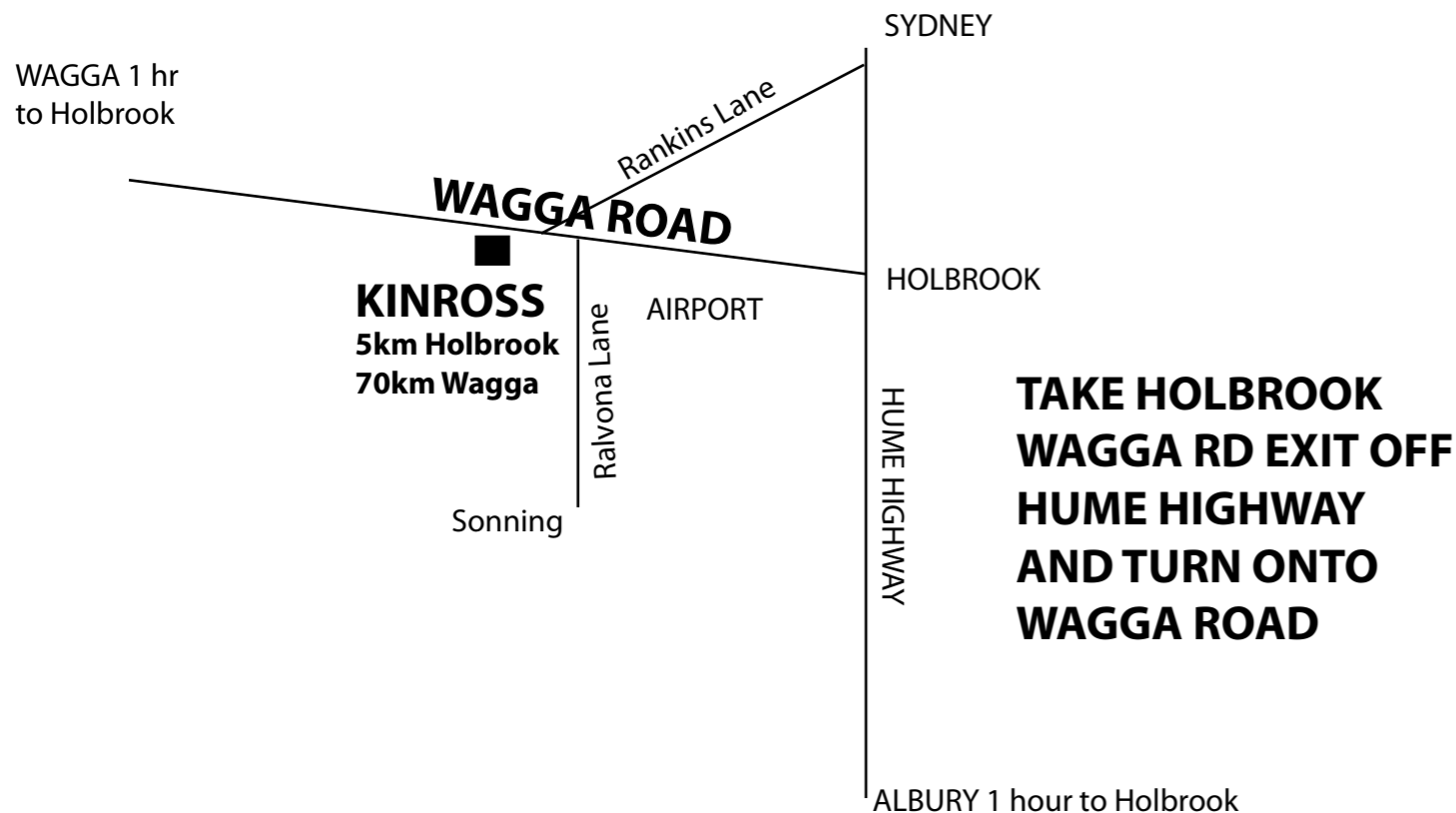
SKYE MOTEL

142 ALBURY STREET HOLBROOK NSW 2644
02 6036 2333

GLENDALE PARK MOTEL

61 ALBURY STREET HOLBROOK NSW 2644
02 6036 2599

DIRECTIONS 'KINROSS' WAGGA ROAD HOLBROOK



LAMBPRO SELECTION DAY

THURSDAY 5TH NOVEMBER

12.00pm POLL DORSET / TRADIE
INSPECTION & LUNCH

3.00pm AUCTION

7.00pm DRINKS & DINNER

RSVP Tom Bull 0438 680 585 tom@lambpro.com.au

SELLING AGENTS

POLL DORSET AND TRADIE SELLING AGENTS
TIM WRIGHT - ELDERS HOLBROOK 0429 679 410

FRIDAY 6TH NOVEMBER

8.00am PRIMELINE INSPECTIONS &
BREAKFAST

10.30am AUCTION

12.30pm BBQ LUNCH

SELLING AGENTS

POLL DORSET AND TRADIE SELLING AGENTS
TIM WRIGHT - ELDERS HOLBROOK 0429 679 410

LOT	TAG	SIRE	BWT	WWT	PWWT	AWT	PFAT	PEMD	NLW	YNLW	MWWT	LambPro Index	Feet	Pasterns	Legs	MATERNAL\$		
1	152016	142659	0.546	8.525	11.202	12.780	-0.558	1.514	7%	21%	1.181	121.45	3	2	2	131.29		
2	152012	130765	0.587	8.257	12.535	14.071	-1.374	0.705	13%	20%	0.881	120.75	3	2	2	135.31	BWT	Birth Weight
3	152314	142722	0.472	8.366	12.301	14.028	-0.624	1.324	7%	13%	0.854	117.36	1	2	2	131.07	WWT	Weaning Weight
4	152501	110339	0.477	7.555	10.629	12.618	-0.111	1.358	9%	17%	1.838	121.23	1	3	2	132.32	PWWT	Post Weaning Weight
5	152530	142722	0.503	8.761	12.871	15.357	-0.654	1.315	13%	18%	1.028	122.04	2	2	1	137.06	AWT	Adult Weight
6	152651	110339	0.384	7.924	11.336	14.021	0.006	1.312	11%	16%	0.885	119.76	2	2	2	132.97	PFAT	Post Weaning Fat
7	151705	130517	0.308	6.933	11.203	12.886	1.020	1.383	9%	15%	0.689	117.46	3	2	2	130.26	PEMD	Post Weaning Eye Muscle Depth
8	152857	143113	0.473	6.415	9.668	10.869	-0.147	2.477	5%	11%	0.921	117.31	1	2	1	127.90	NLW	Number of Lambs Weaned
9	152086	142399	0.435	6.865	10.260	10.641	-0.258	1.604	11%	16%	0.692	120.43	2	2	1	131.05	YNLW	Yearling Number of Lambs Weaned
10	152338	142564	0.462	7.100	10.085	10.811	-0.801	0.833	13%	15%	-0.002	118.63	2	2	2	129.43	MWWT	Maternal Weaning Weight (Milk)
11	152941	142399	0.556	7.731	10.987	12.053	-0.753	0.848	8%	12%	0.894	117.01	2	2	1	128.86	LAMBPRO	LAMBPRO Trade Maternal Index
12	152788	131297	0.399	7.013	11.117	11.763	0.282	1.386	11%	21%	0.680	120.53	2	2	2	131.86	FEET	Foot Structure 1-5 (1 being the best)
13	152008	142506	0.526	7.948	11.629	14.067	-0.051	1.394	7%	15%	1.280	118.40	1	1	1	131.47	Pasterns	Pasterns 1-5
14	152295	142399	0.491	7.283	10.242	11.725	-0.210	1.918	7%	13%	1.939	120.61	2	2	3	131.33	Legs	Legs 1-5
15	152413	142722	0.513	8.884	12.758	14.814	-0.381	1.395	5%	16%	1.716	119.15	1	2	1	132.28	Maternal \$	Maternal Dollar Index
16	153094	142399	0.594	8.291	11.703	12.539	-0.618	1.044	7%	9%	0.979	117.61	3	2	2	130.25		
17	152028	130765	0.511	8.201	12.506	14.001	-0.972	0.949	11%	21%	0.516	119.15	2	2	2	132.99		
18	152231	142722	0.404	7.847	11.431	13.381	-0.759	1.462	10%	19%	0.906	120.36	1	1	2	132.76		
19	152170	130765	0.683	8.149	11.997	13.357	-1.068	1.955	9%	10%	0.839	119.84	2	1	2	134.33		
20	152332	130344	0.441	8.403	11.947	13.561	-0.606	0.927	7%	11%	1.592	118.35	3	2	3	131.50		
21	152032	142659	0.490	7.559	9.915	10.442	-0.717	1.722	5%	13%	0.365	117.37	1	3	2	126.40		
22	152742	130275	0.452	8.074	11.852	13.991	-0.777	0.873	12%	19%	1.032	120.53	2	2	2	134.38		
23	152127	143113	0.466	6.692	10.629	12.116	-0.201	1.395	8%	17%	1.075	117.68	2	2	3	129.45		
24	152094	142564	0.471	7.374	10.541	11.218	-0.306	1.664	7%	9%	0.710	117.25	2	2	3	128.51		
25	152871	143362	0.435	7.010	10.635	12.163	0.882	2.065	7%	2%	1.288	120.05	2	2	2	131.03		
26	152333	130344	0.415	7.949	11.456	12.825	-0.537	1.181	7%	11%	1.592	118.47	2	2	1	131.11		
27	152781	142610	0.458	8.880	12.292	14.473	-0.030	1.631	9%	18%	0.729	121.11	3	2	3	133.73		
28	152070	130765	0.427	6.888	10.386	11.160	-0.384	1.872	11%	2%	1.183	119.80	2	2	2	131.36		
29	152615	122421	0.581	7.498	11.887	13.594	-0.558	1.694	13%	22%	1.902	124.45	2	3	1	137.75		
30	153028	142722	0.619	9.419	13.190	15.277	-1.155	0.597	11%	21%	1.579	121.99	3	3	2	135.93		
31	152677	130275	0.489	8.170	12.261	14.097	-1.023	0.557	11%	18%	0.326	117.52	1	2	2	131.89		
32	152348	143113	0.368	6.819	10.159	11.352	-0.261	1.427	10%	21%	0.866	119.86	3	2	3	129.97		
33	152913	143362	0.427	6.511	10.464	11.472	0.201	1.742	7%	16%	1.489	118.73	1	2	2	130.07		
34	152351	143113	0.429	7.395	10.793	12.527	-0.534	1.724	9%	19%	0.994	120.21	2	2	2	131.68		
35	152315	142399	0.433	7.286	10.345	10.887	0.228	1.998	5%	9%	1.192	118.43	2	3	1	128.89		
36	152092	130765	0.629	7.993	11.813	12.512	-0.852	0.954	12%	18%	0.527	120.15	2	2	2	132.81		
37	152406	130344	0.493	7.712	11.979	13.383	-0.507	1.075	9%	20%	1.111	118.91	3	2	2	131.73		
38	152230	130765	0.378	6.897	10.341	11.754	-0.339	1.133	10%	13%	1.316	118.69	2	2	3	130.83		
39	152901	130344	0.429	7.688	11.242	11.745	-1.134	1.314	7%	15%	0.875	118.09	2	1	3	129.64		
40	152403	130765	0.440	7.132	10.807	11.474	-1.167	1.226	11%	18%	-0.292	117.47	2	3	3	129.84		
41	152067	142399	0.541	7.819	11.154	11.037	-0.456	1.706	3%	9%	1.183	117.23	2	2	1	128.26		
42	153098	142399	0.431	7.554	10.887	11.917	-0.375	1.159	10%	3%	0.618	118.60	2	2	3	130.10		
43	152081	142660	0.419	6.846	9.859	11.341	-0.435	1.298	8%	21%	0.520	117.69	1	2	1	127.15		
44	152382	130344	0.439	7.808	11.780	13.161	-0.654	1.145	6%	14%	1.413	117.61	2	2	2	130.66		
45	152010	142722	0.528	8.105	11.935	13.679	-0.822	1.049	8%	15%	0.833	117.28	2	2	2	130.54		
46	152757	142659	0.380	7.749	10.295		-0.453	1.451	4%	9%		122.55	2	2	3	126.79		
47	152308	142722	0.446	6.721	10.460	12.406	-0.756	1.670	10%	22%	1.815	121.41	1	2	2	133.00		
48	152079	143113	0.348	6.362	9.624	11.136	-0.234	1.964	9%	17%	0.566	118.71	2	2	2	129.13		
49	152407	130344	0.445	7.409	11.553	12.931	-0.846	0.909	9%	19%	1.112	117.98	2	2	2	130.51		
50	152383	142399	0.477	7.159	10.890	11.285	-0.120	1.702	6%	12%	0.816	117.41	2	2	1	128.98		
51	152927	130765	0.460	7.448	11.504	12.134	-0.633	1.185	12%	14%	0.222	118.64	2	2	1	132.20		
52	152863	130517	0.323	7.695	11.986	13.860	0.735	1.447	9%	1%	0.689	118.55	1	2	1	132.13		
53	152948	143362	0.520	6.961	10.483	12.467	0.546	1.343	9%	15%	0.820	117.68	1	2	1	129.41		
54	152573	143677	0.382	7.737	11.860	12.835	0.552	2.015	13%	23%	1.143	124.91	2	3	1	137.13		
55	152893	143870	0.532	7.780	10.977	12.424	-0.207	1.210	8%	18%	0.971	119.08	2	3	2	129.96		
56	153333	142399	0.492	8.754	12.432	13.256	-0.633	1.515	4%	10%	0.941	117.33	2	2	2	130.38		

57	152774	122421	0.493	7.225	11.608	13.379	-0.690	1.514	16%	28%	1.398	125.00	2	3	2	137.97
58	152880	130275	0.541	8.121	11.934	13.747	-0.828	0.711	11%	16%	0.933	119.12	1	1	2	133.20
59	152029	130765	0.537	7.231	11.474	12.579	-0.960	1.034	10%	21%	0.518	118.16	1	2	2	131.02
60	152588	110339	0.412	7.060	10.296	10.972	-0.426	1.128	8%	14%	0.751	117.37	2	2	1	128.33
61	152097	130344	0.252	6.424	9.941	10.057	-0.543	1.203	8%	14%	0.744	117.08	2	2	1	127.72
62	152514	143870	0.486	6.460	9.187		-0.624	1.258	6%	8%		120.09	3	2	1	124.31
63	152249	142564	0.333	7.384	9.984	10.528	-0.597	1.170	11%	11%	0.274	118.56	2	2	2	128.84
64	152093	130765	0.593	6.818	10.541	11.026	-0.693	0.641	12%	18%	0.528	117.91	2	1	2	129.37
65	152453	130765	0.492	7.851	11.157	11.413	-1.152	1.250	7%	14%	0.635	117.74	1	2	2	129.26
66	152669	110339	0.458	7.643	11.027	11.851	-0.777	1.031	8%	12%	1.337	118.57	2	2	3	130.68
67	153055	142722	0.402	8.200	11.253	13.529	-0.462	1.612	8%	18%	1.678	121.43	2	2	1	132.88
68	152347	143113	0.378	6.581	9.871	11.160	-0.414	0.991	10%	21%	0.867	118.39	2	2	1	128.32
69	152605	130517	0.408	8.120	12.462	14.566	0.555	1.085	9%	15%	0.689	118.07	3	2	2	132.22
70	152405	130765	0.364	5.566	9.473	9.576	-0.447	1.409	11%	21%	0.063	117.73	2	2	3	128.16
71	152009	142506	0.447	7.643	11.234	13.799	-0.096	1.008	7%	15%	1.280	117.01	2	2	3	129.76
72	152639	130765	0.438	6.732	10.329	11.177	-0.555	1.589	13%	22%	0.848	122.16	2	3	2	133.26
73	152424	142722	0.451	7.554	10.760	11.594	-0.567	1.295	12%	16%	0.975	121.63	2	2	2	133.00
74	152579	110339	0.500	7.369	10.840	12.311	0.105	1.399	10%	15%	0.710	119.06	1	2	2	131.28
75	153143	130765	0.319	5.085	8.737	9.647	-0.309	1.857	12%	13%	0.477	117.60	2	2	3	129.20
76	152044	130344	0.455	7.601	11.385	11.498	-0.804	0.658	7%	16%	1.354	118.02	3	2	3	129.25
77	152247	130344	0.426	7.663	11.481	13.380	-1.104	1.167	12%	22%	1.566	122.07	2	3	2	134.64
78	152004	130344	0.538	8.623	12.689	13.486	-0.633	0.953	9%	18%	1.165	120.30	3	2	1	133.16
79	152152	142659	0.563	8.483	11.238	11.388	-0.303	1.312	7%	13%	0.214	118.72	2	3	2	128.87
80	152259	130344	0.334	7.222	10.569	12.178	-1.215	1.148	8%	19%	0.970	117.70	3	2	2	128.75
81	152919	142722	0.550	8.929	13.119	15.572	-1.011	1.357	13%	19%	1.074	122.30	2	3	2	137.56
82	152592	110339	0.462	7.622	10.585	13.071	-0.351	1.051	14%	20%	1.054	121.98	3	2	2	133.59
83	152848	130344	0.428	8.050	12.395	13.379	-0.642	1.096	9%	16%	0.577	118.02	1	1	1	131.83
84	152811	130344	0.405	7.985	12.240	13.895	-0.102	1.659	6%	11%	0.858	117.16	2	1	1	131.32
85	153025	142722	0.431	8.187	11.840	13.453	-0.888	1.234	9%	17%	0.952	119.57	2	2	1	132.55
86	153051	142722	0.612	8.889	12.561	15.967	-1.200	0.829	13%	21%	1.413	122.21	3	3	2	136.57
87	153154	142722	0.475	8.161	12.212	14.609	-0.804	1.375	12%	22%	1.025	121.37	2	2	2	135.14
88	152217	130344	0.418	7.684	11.531	12.734	-1.221	0.826	13%	21%	1.011	120.72	3	2	1	133.28
89	152515	143870	0.525	6.826	9.538		-0.957	0.698	6%	8%		119.48	2	2	2	123.72
90	152750	143870	0.579	7.639	11.232	11.791	-0.846	1.271	10%	16%	0.082	118.13	2	3	2	130.10
91	152272	142722	0.591	8.623	12.427	15.005	-0.690	0.510	8%	12%	1.613	117.45	3	2	1	131.75
92	153039	142610	0.396	7.359	9.962		-0.336	1.069	2%	6%		119.19	3	2	2	122.91
93	152025	142722	0.361	7.116	10.204	12.371	-0.204	1.553	10%	18%	1.207	120.46	3	2	2	131.36
94	152068	142399	0.539	8.115	11.461	11.304	-0.555	1.996	3%	9%	1.183	118.31	1	2	2	129.62
95	152118	142722	0.453	7.735	11.066	13.717	-0.663	1.262	13%	16%	1.817	122.55	2	2	2	135.87
96	152156	143113	0.447	5.288	8.257	8.250	0.366	1.877	6%	17%	1.032	117.41	3	2	2	124.81
97	152212	142722	0.437	7.574	10.687	14.359	-1.005	0.556	12%	15%	1.884	119.14				132.50
98	152603	130517	0.323	7.492	11.738	13.671	0.609	1.140	9%	15%	0.690	117.37	5			130.80
99	152866	142659	0.593	8.914	12.048	13.895	-1.008	0.880	4%	11%	1.145	115.94	1	2	2	128.58
100	152173	130344	0.541	8.687	12.589	13.812	-0.753	0.713	4%	13%	1.280	116.15	2	1	2	129.22
101	152452	142659	0.375	7.431	10.508	12.142	-0.060	1.881	2%	9%	0.993	115.15	1	2	1	126.26
102	152482	130344	0.468	8.234	11.859	14.352	-0.750	1.033	7%	11%	0.955	115.95	1	2	1	129.83
103	152853	130765	0.520	7.823	11.774	13.590	-0.855	1.059	6%	13%	0.893	115.73	2	3	2	129.51
104	153109	142610	0.553	8.131	10.924	12.621	-0.315	0.461	8%	15%	0.754	116.93	2	1	2	127.57
105	152359	143113	0.392	6.405	9.513	10.834	-0.279	1.379	7%	16%	0.483	115.71	3	2	1	125.63
106	152911	143113	0.394	6.921	10.334	11.531	-0.279	1.525	7%	14%	0.664	116.94	2	2	2	128.16
107	152160	130765	0.371	5.658	9.648	11.395	-0.660	1.283	10%	17%	0.167	114.85	2	1	1	127.15
108	152233	142564	0.492	7.922	11.363	11.984	-0.438	1.392	8%	6%	-0.094	116.04	2	2	1	129.02
109	152284	142399	0.425	7.046	10.001	11.454	-0.090	1.197	7%	7%	0.879	116.08	3	2	1	127.75
110	152110	142564	0.310	6.766	9.879	8.763	-0.222	1.802	7%	11%	-0.340	116.44	3	2	2	125.76
111	152084	142399	0.559	8.742	12.539	14.095	-0.870	0.996	5%	9%	1.111	115.97	2	2	3	130.02
112	152023	142659	0.547	8.036	11.712	13.928	-0.720	1.137	5%	20%	0.820	116.33	3	1	1	128.31
113	152428	142660	0.516	8.695	12.182	13.792	-0.165	1.171	3%	15%	0.779	116.27	2	2	1	127.94

114	152053	143113	0.409	5.822	9.746	10.900	-0.279	1.130	8%	17%	0.792	115.79	3	2	1	127.07
115	152432	142722	0.392	7.153	10.973	13.456	-0.480	0.829	8%	15%	1.478	116.80	1	2	1	129.96
116	152752	142610	0.495	8.084	11.512	12.831	-0.594	1.101	6%	13%	0.013	115.22	1	2	2	127.57
117	152006	142564	0.487	6.727	10.396	10.385	-0.609	1.117	10%	9%	-0.145	115.65	1	1	2	127.74
118	152065	142399	0.557	7.378	11.008	11.929	-0.429	0.466	10%	9%	0.258	115.48	1	2	2	128.68
119	152649	142610	0.497	8.637	11.757	14.049	-0.360	0.621	6%	14%	0.275	114.87	2	2	2	127.07
120	152085	142399	0.552	8.675	12.496	13.977	-0.696	1.158	5%	9%	1.111	116.37	3	2	1	130.32
121	152986	122033	0.310	6.657	9.066	9.716	0.423	1.787	1%	5%	1.541	115.49	2	2	2	124.37
122	152583	130275	0.314	7.089	10.771	12.164	-0.618	0.818	12%	13%	-0.231	115.78	2	2	2	129.26
123	152550	142564	0.298	6.221	9.011	9.171	0.216	1.895	7%	11%	-0.196	115.83	2	2	2	124.79
124	152493	130765	0.546	7.393	11.064	11.852	-0.984	1.360	7%	10%	0.134	114.88	2	1	2	127.95
125	152112	142399	0.568	7.317	10.717	13.054	0.366	1.301	5%	9%	0.495	114.39	1	2	1	126.74
126	152201	142399	0.483	7.782	11.839	14.288	-0.069	1.257	8%	11%	0.635	116.37	1	1	1	130.94
127	152318	130765	0.440	8.179	11.987	13.431	-1.038	0.284	10%	17%	-0.043	115.78	3	3	2	129.36
128	152819	130517	0.446	8.138	12.384	14.610	-0.054	0.633	9%	15%	0.691	116.69	1	2	1	130.96
129	152300	142399	0.388	7.009	10.771	11.204	0.246	1.653	2%	11%	1.160	115.33	2	2	2	126.39
130	153352	142722	0.450	8.467	12.725	15.362	-0.126	1.164	5%	12%	1.177	116.04	2	1	3	130.96
131	152304	130344	0.391	7.661	11.456	12.541	-0.981	0.859	8%	15%	0.360	115.98	2	1	2	128.77
132	153482	142399	0.541	8.041	11.182	11.053	-0.366	1.457	3%	5%	0.543	115.19	1	2	1	126.70
133	152056	142659	0.468	8.347	10.618	11.150	-0.729	1.397	1%	13%	0.185	114.79	1	2	1	123.53
134	153213	142722	0.463	7.490	11.376	13.141	-0.273	1.395	6%	13%	0.890	116.36	3	2	2	129.21
135	153110	142610	0.492	7.817	10.521	12.210	-0.426	0.320	8%	15%	0.755	116.14	2	2	3	126.44
136	153275	142722	0.457	8.238	12.241	15.198	-0.333	1.629	4%	13%	0.893	115.87	2	2	1	130.30
137	152595	070807 NZ	0.539	8.187	12.317	11.778	-0.228	1.278	3%	10%	0.051	114.30	1	1	2	126.99
138	152198	142399	0.463	7.586	11.636	13.979	0.042	1.401	8%	10%	0.635	116.50	2	2	1	130.83
139	152414	130344	0.542	8.302	11.962	12.718	-1.224	0.690	6%	13%	0.934	116.20	2	1	1	128.84
140	153300	142399	0.427	6.490	9.677	10.204	0.612	1.899	4%	6%	1.006	115.57	2	2	2	126.01
141	152337	130765	0.440	6.597	10.574	12.415	0.033	1.659	7%	14%	0.359	115.47	1	2	3	128.31
142	152855	130765	0.442	7.092	10.933	12.548	-0.855	1.079	6%	13%	0.894	114.89	2	2	2	127.86
143	153026	143870	0.384	6.641	10.162	10.313	-0.018	1.388	5%	16%	-0.004	114.78	1	1	1	124.67
144	152116	133049	0.472	6.746	10.092	11.082	-0.051	1.246	4%	10%	1.014	114.69	3	2	2	125.72
145	152869	130517	0.409	8.697	12.719	14.992	-0.210	0.839	6%	12%	-0.060	114.40	2	1	3	129.20
146	153142	130765	0.449	7.097	10.698	10.691	-0.795	1.630	9%	11%	-0.246	116.86	2	1	1	129.17
147	152313	143113	0.430	6.035	9.760	11.107	-0.609	1.662	7%	16%	0.987	116.30	3	1	3	127.10
148	152394	130765	0.331	5.519	9.151	9.477	-0.453	1.607	8%	13%	0.666	115.82	2	2	2	126.46
149	152048	142399	0.323	6.179	9.440	10.191	-0.399	1.619	6%	14%	0.600	115.64	3	3	2	125.78
150	152993	142399	0.496	8.722	12.656	14.291	-0.321	1.695	4%	6%	0.877	116.34	1	1	2	131.00
151	151712	143113	0.244	5.176	8.001	8.494	-0.366	1.650	5%	16%	0.471	114.43	2	2	2	122.26
152	152015	142399	0.542	8.035	12.188	14.087	0.183	1.658	5%	6%	1.401	116.70	2	2	1	131.41
153	152082	142660	0.428	6.871	9.842	11.459	-0.675	0.954	8%	21%	0.521	116.68	1	2	1	126.25
154	152183	142399	0.424	6.184	10.540	10.598	0.582	2.104	6%	9%	0.606	116.43	2	3	1	128.82
155	152197	142722	0.463	7.843	11.288	15.073	0.018	1.369	6%	12%	0.980	115.75	2	2	1	129.27
156	153090	122033	0.480	6.857	10.431	12.416	0.627	1.295	5%	15%	1.336	116.33	2	3	2	127.47
157	152426	130765	0.524	7.450	12.098	12.385	-1.278	0.826	10%	13%	0.036	115.69	1	2	1	130.44
158	152163	142399	0.464	7.012	9.665	10.652	-0.450	1.286	5%	6%	1.069	115.33	2	3	3	125.88
159	153284	142610	0.548	8.513	12.073	14.015	-0.126	1.055	4%	14%	0.553	115.32	3	2	1	127.70
160	151718	142564	0.434	6.944	10.140	11.305	-0.465	1.325	8%	6%	-0.126	114.55	2	2	3	126.70
161	152077	142660	0.312	6.866	10.048	10.478	-0.492	1.607	4%	13%	0.360	114.74	1	1	2	124.48
162	152283	142399	0.312	6.126	8.995	9.917	0.183	1.913	7%	7%	0.879	116.89	2	3	1	127.44
163	152630	130344	0.393	6.943	10.679	12.999	-0.420	0.261	9%	14%	0.721	114.35	2	2	2	126.98
164	152145	142564	0.367	5.798	8.928	8.838	0.195	1.539	7%	8%	-0.101	114.49	1	2	1	124.14
165	152335	130765	0.516	7.700	11.830	14.926	-0.711	1.077	9%	13%	0.627	115.94	2	2	1	131.30
166	152280	142399	0.514	6.299	10.261	10.153	-0.666	0.913	9%	12%	0.740	115.88	2	2	1	127.66
167	152716	142722	0.511	8.551	12.370	15.753	-0.693	0.221	10%	16%	0.488	115.63	2	2	3-4	130.50
168	152399	142722	0.427	7.972	11.777	15.246	-0.705	1.256	5%	13%	0.708	114.22	1	2	1	128.46
169	152938	143362	0.467	6.524	10.590	12.543	0.372	1.686	8%	19%	0.819	117.58	2	2	2	129.44
170	152783	130344	0.443	8.104	11.992	12.871	-0.888	1.199	8%	13%	1.375	119.11	2	2	2	132.16

171	151891	142722	0.470	7.193	10.725	12.345	-0.204	0.799	12%	18%	0.641	118.95	1	2	1	130.74
172	153317	143362	0.376	6.359	9.543	11.999	0.510	1.432	8%	20%	1.251	118.58	2	2	3	128.68
173	152369	142399	0.440	6.329	9.315	9.419	0.072	1.992	7%	10%	1.168	118.41	2	1	1	128.00
174	152892	143113	0.366	6.525	9.894	10.882	-0.261	1.733	7%	14%	0.665	117.01	2	1	2	127.77
175	153190	142722	0.485	8.752	12.167	14.998	-0.747	1.324	12%	20%	1.981	123.79	1	2	2	136.99
176	152952	142722	0.446	8.019	12.092	14.067	-1.236	1.008	14%	19%	0.515	120.23	1	1	2	134.60
177	153167	142722	0.532	8.562	12.481	15.067	-0.897	0.875	9%	18%	1.720	119.94	2	3	2	134.01
178	152960	142399	0.547	8.549	11.973	12.840	-0.525	1.267	7%	8%	1.127	118.45	3	2	2	131.36
179	152825	130275	0.492	7.866	11.733	13.147	-1.380	0.501	12%	19%	0.280	117.93	3	3	1	131.70
180	152568	110339	0.418	6.809	10.070	11.235	-0.606	1.279	11%	19%	1.317	120.54	2	1	2	131.33
181	152408	130765	0.398	6.148	10.440	10.915	-0.393	1.784	12%	21%	0.717	120.54	3	2	2	132.51
182	152994	142722	0.335	7.367	10.563		-0.654	0.714	5%	9%		120.25	2	2	2	125.51
183	152572	143677	0.413	7.169	11.234	12.096	0.417	1.757	12%	23%	1.145	123.42	2	2	3	135.12
184	153191	142722	0.489	8.390	11.767	14.666	-0.765	0.899	11%	20%	1.981	122.18	1	2	1	135.07
185	152560	110339	0.373	7.173	10.212	10.746	-0.111	1.469	9%	16%	0.961	120.30	2	1	1	130.60
186	152729	110339	0.466	7.303	10.225	11.574	-0.402	1.212	10%	16%	1.252	120.15	2	3	2	130.70
187	152852	130765	0.311	6.274	9.797	10.343	-0.999	1.169	13%	19%	0.005	118.60	2	1	2	129.78
188	152934	143870	0.611	6.985	10.237	11.414	0.237	1.319	10%	18%	0.025	118.17	1	2	2	128.58
189	152402	130765	0.355	5.705	8.991	9.493	-0.465	1.656	10%	14%	0.456	117.62	3	3	3	128.12
190	152526	143870	0.427	6.797	10.260	8.834	-0.132	2.375	7%	12%	-0.625	117.37	2	3	2	127.36
191	152706	142722	0.411	7.588	11.349	13.767	-0.882	1.164	11%	20%	0.836	119.26	3	1	1	132.16
192	152556	130275	0.503	7.575	12.204	13.735	-0.456	1.111	13%	19%	0.203	118.90	2	1	2	133.81
193	153361	130765	0.482	6.771	10.088	9.803	-0.876	0.562	14%	14%	-0.226	117.58	2	2	2	128.86
194	152187	142564	0.258	6.128	9.267	9.153	-0.456	1.936	9%	13%	-0.096	117.52	1	2	2	127.22
195	152162	122033	0.485	7.097	10.219	11.618	0.363	1.207	6%	16%	1.131	117.36	1	1	2	127.21
196	153033	143362	0.382	6.133	9.652	10.909	0.354	1.872	6%	16%	1.075	117.27	2	1	2	127.48
197	152949	143362	0.407	6.488	9.915	11.848	0.633	1.309	8%	15%	0.820	117.04	1	2	1	128.23
198	152246	130344	0.346	6.792	10.531	12.122	-0.876	1.373	12%	22%	1.566	121.64	3	2	2	133.21
199	153029	142722	0.492	7.901	11.522	13.007	-0.882	1.047	10%	20%	1.580	121.37	2	1	1	133.60
200	152591	110339	0.511	7.287	10.251	12.735	-0.336	0.729	14%	20%	1.055	120.73	2	3	3	132.10
201	152480	142722	0.484	7.083	10.222	11.989	-0.786	1.304	9%	16%	1.412	119.28	1	2	1	130.40
202	153053	142722	0.514	8.014	11.846	14.896	-0.618	0.848	9%	18%	1.504	118.59	2	1	2	132.40
203	153299	142722	0.288	7.039	9.625	11.370	-0.387	1.585	7%	19%	0.798	118.43	2	2	3	127.42
204	153133	142564	0.442	7.470	10.621	10.742	-0.288	1.113	9%	9%	0.107	117.00	2	3	2	128.30
205	152436	130344	0.341	7.314	10.941	12.501	-0.546	1.206	12%	22%	1.025	121.35	3	2	3	133.15
206	152610	60073	0.419	7.334	10.962	10.574	0.156	2.054	7%	19%	1.079	121.12	2	3	1	130.63
207	152821	110339	0.324	6.812	10.376	11.861	0.147	1.880	13%	17%	0.268	120.93	1	2	1	132.81
208	151717	130765	0.489	7.031	10.284	10.091	-0.750	1.266	13%	15%	0.327	120.75	1	2	2	131.77
209	153384	142399	0.444	7.008	10.082		-0.114	1.255	5%	4%		120.45	1	2	1	126.60
210	152497	130517	0.351	7.803	12.101	13.969	0.624	1.469	9%	15%	0.689	118.68	3	2	1	132.40
211	152841	130344	0.428	7.217	11.490	11.819	-0.477	1.390	8%	16%	0.939	118.03	2	1	1	130.56
212	152214	130344	0.515	7.196	11.153	13.762	-0.417	0.542	11%	17%	0.876	117.21	3	2	3	130.70
213	152224	130765	0.486	7.600	11.185	13.439	-1.080	0.662	12%	17%	0.014	116.67	1	1	3	130.02
214	152007	142564	0.437	6.574	10.215	10.125	-0.537	1.271	10%	9%	-0.145	115.90	1	2	3	127.79
215	152696	130517	0.336	7.254	10.996	12.848	-0.078	1.096	5%	12%	1.304	115.40	2	3	1	127.77
216	153280	142660	0.504	8.090	11.426	12.411	-0.705	1.270	3%	11%	0.497	114.53	2	2	2	126.40
217	152629	130344	0.354	7.050	10.725	13.079	-0.660	0.278	9%	15%	0.722	114.44	2	1	2	127.15
218	153072	142399	0.521	8.231	11.575	12.613	-0.789	1.118	3%	5%	0.748	114.19	3	2	1	126.97
219	152404	122033	0.411	6.768	9.975	11.147	-0.003	1.618	4%	12%	1.062	115.88	2	1	2	126.47
220	152178	143113	0.496	6.013	8.575	10.650	-0.444	1.376	7%	14%	0.821	115.38	2	1	2	124.85
221	153018	122033	0.498	6.958	10.061	12.390	-0.393	1.046	5%	13%	1.332	115.17	2	1	2	126.32
222	151709	142722	0.446	8.023	12.191	15.080	-1.392	0.298	7%	16%	1.401	115.13	3	1	2	129.93
223	152650	142610	0.484	8.365	11.444	13.658	-0.411	0.600	5%	14%	0.275	114.45	2	1	2	126.37
224	152835	142722	0.437	6.605	10.286	12.790	-0.963	1.022	7%	15%	1.393	115.79	2	1	1	128.39
225	152973	142610	0.438	7.412	10.354	12.493	0.153	0.904	7%	17%	0.041	115.53	2	3	2	125.81
226	152977	142610	0.456	8.623	12.032	14.294	-0.351	1.264	4%	2%	0.504	115.37	2	2	2	128.18
227	152459	142722	0.424	7.124	10.802	12.823	-0.795	0.958	5%	12%	1.127	114.19	3	2	2	126.79

228	152932	143113	0.382	6.327	9.454	11.286	-0.414	1.489	7%	12%	0.799	115.44	2	1	2	126.46
229	152724	110339	0.363	6.957	9.787	11.018	-0.603	0.802	6%	11%	0.721	114.74	2	2	2	125.56
230	152311	143113	0.327	6.167	9.749	10.830	-0.723	1.326	7%	11%	0.357	114.24	1	1	2	125.84
231	152463	130344	0.364	7.080	10.976	11.151	-0.927	0.738	7%	16%	0.697	115.79	1	3	2	127.24
232	152285	142399	0.387	6.027	9.050	10.163	-0.408	1.319	7%	13%	0.799	115.65	2	2	1	125.60
233	153184	142722	0.333	7.003	10.244	12.412	-0.297	1.325	9%	12%		115.61	2	2	1	130.00
234	152238	143113	0.413	5.907	10.218	12.029	0.156	1.271	7%	19%	0.735	115.13	2	1	2	127.05
235	152489	142660	0.608	7.543	10.326	11.193	-0.693	1.883	2%	6%	1.073	115.11	1	2	2	125.67
236	152992	142399	0.525	7.989	11.861	13.376	-0.384	1.348	4%	6%	0.878	114.48	3	2	2	128.44
237	152623	142660	0.444	8.004	11.176	12.640	-0.381	1.296	5%	14%	-0.512	114.27	2	2	1	125.86
238	152274	142399	0.488	7.886	11.019	10.926	-1.002	0.925	3%	3%	0.796	113.35	2	3	2	125.07
239	152519	142610	0.491	7.545	10.276	11.909	-0.561	0.802	2%	5%		110.35	2	2	2	123.62
240	152968	142610	0.427	7.415	10.724	12.598	0.309	1.344	2%	12%	0.414	113.30	1	2	2	124.52
241	153004	130765	0.473	6.788	10.942	13.483	-1.122	0.683	10%	12%	0.370	113.93	2	2	1	128.96
242	152908	130765	0.414	7.023	10.774	11.970	-0.828	0.629	8%	12%	-0.050	113.45	3	2	2	126.37
243	152887	122033	0.521	7.247	10.295	12.145	0.399	1.265	1%	10%	1.395	114.08	2	1	2	124.63
244	152167	133049	0.573	7.206	10.744	12.624	0.042	1.311	4%	6%	1.198	114.04	2	3	3	126.86
245	153019	122033	0.472	7.808	11.686	13.768	-0.330	0.853	2%	10%	1.201	113.06	2	2	1	126.28
246	152062	133049	0.441	7.564	10.587	11.792	0.306	1.160	1%	6%	1.345	114.12	1	2	3	124.94
247	153149	142399	0.526	6.976	10.140	11.524	-0.441	0.591	5%	8%	1.289	113.89	2	2	2	125.33
248	152158	142399	0.417	7.701	11.693	12.718	-0.390	1.595	4%	4%	0.032	113.04	2	2	1	127.32
249	152343	142399	0.515	8.873	12.819	14.822	-0.708	0.987	3%	4%	0.452	112.48	1	2	1	127.71
250	153060	142564	0.482	7.842	10.859	10.766	-0.729	1.102	5%	7%	-0.342	113.90	2	2	2	125.12
251	153118	122033	0.485	7.467	10.485	11.695	0.018	1.511	1%	5%	0.692	113.19	2	1	2	124.37
252	153020	122033	0.491	7.356	11.238	13.105	-0.174	0.989	2%	10%	1.201	112.85	2	3	1	125.58
253	152341	142659	0.533	8.098	11.587	13.148	-0.381	1.102	3%	9%	0.428	113.57	3	1	3	126.17
254	152154	133049	0.510	6.995	11.076	13.204	-0.714	0.656	7%	10%	0.636	112.63	2	1	2	126.65
255	153494	142610	0.524	8.293	11.349	13.542	-0.375	0.842	1%	10%	0.503	112.18	2	2	2	124.03
256	152756	142660	0.481	6.915	10.634	10.534	-0.153	0.981	4%	13%	0.216	113.82	2	2	2	124.35
257	152468	142399	0.421	7.081	10.563	11.386	-0.540	1.284		5%	1.200	112.07	1	1	1	127.34
258	152058	142399	0.445	6.795	10.400	11.491	0.225	1.524	2%	4%	0.299	111.52	1	3	2	123.63
259	151702	142660	0.487	8.247	11.248	12.293	-1.233	0.523	0%	11%	0.215	110.71	1	3	3	121.72
260	153293	142610	0.448	8.131	11.446	13.395	0.219	0.992	2%	9%	0.239	112.57	2	2	2	124.68
261	152942	142610	0.395	7.378	10.242	10.733	0.612	1.474	-1%	8%	-0.217	111.37	2	1	2	120.65
262	152474	142660	0.449	8.610	11.453	12.761	-0.654	0.862	1%	9%	0.778	113.55	2	3	2	124.55
263	152189	142399	0.478	6.457	9.607	10.112	-0.732	0.930	5%	7%	0.594	112.85	2	1	2	123.67
264	152621	142399	0.337	6.216	9.418	11.127	-0.240	0.823	5%	8%	0.890	112.48	1	2	1	123.58
265	152263	130765	0.378	6.353	10.307	11.043	-0.657	1.328	7%	11%	0.158	114.14	1	2	2	126.83
266	152628	142660	0.396	6.507	9.410	10.291	-0.993	1.074	5%	14%	0.501	114.02	1	2	2	123.53
267	152090	142399	0.398	6.840	9.870	10.306	-0.390	1.299	4%	6%	0.575	113.55	1	1	1	124.23
268	153433	130344	0.433	7.748	11.416	11.932	-1.239	0.215	6%	11%	0.486	113.09	1	1	1	125.36
269	152726	130517	0.388	8.226	12.356	14.112	-0.018	0.854	4%	4%	0.110	111.43	2	2	3	126.41
270	153144	142610	0.397	7.547	10.013	11.634	-0.081	1.198	1%	5%		111.07	1	2	2	122.74
271	152518	142610	0.433	6.229	8.845	10.089	-0.387	0.803	2%	5%		108.78	3	2	3	120.64
272	153007	143870	0.601	7.423	10.274	10.759	-0.789	0.952	5%	12%	-0.030	114.00	2	3	2	124.10
273	152943	142610	0.372	6.953	9.704	10.044	0.285	1.452	-1%	8%	-0.215	110.64	2	3	2	119.49
274	152743	142399	0.538	7.164	10.631	11.878	-0.063	0.991	5%	8%	0.329	113.04	2	1	1	125.24
275	152155	143113	0.332	5.608	9.406	10.530	-0.555	1.162	5%	15%	0.399	112.63	2	2	1	123.49
276	153000	122033	0.515	7.056	9.624	11.759	-0.162	1.067	-1%	4%	0.902	110.32	2	2	2	120.75
277	152352	143113	0.371	6.111	9.454	10.742	-0.072	1.936	9%	18%	0.995	119.36	2	2	2	129.43
278	152532	143677	0.412	7.759	11.618	12.307	0.204	1.815	9%	16%	-0.095	119.13	3	3	2	131.53
279	152577	110339	0.524	7.034	10.775	11.983	-0.801	0.851	13%	16%	0.700	118.98	1	1	2	131.95
280	152692	110339	0.503	7.194	10.151	11.249	-0.339	1.135	10%	14%	0.729	118.96	2	3	2	129.85
281	152571	142610	0.296	6.618	9.152		-0.072	1.593	2%	6%		118.86	2	2	2	122.33
282	152935	143870	0.520	6.465	9.638	10.503	0.318	1.780	10%	18%	0.025	118.76	2	2	2	128.52
283	152213	142722	0.556	7.716	10.913	14.658	-0.999	0.311	12%	15%	1.885	118.67	3	2	3	132.29
284	153414	143362	0.426	6.012	9.647	10.288	0.012	1.948	7%	19%	1.079	118.56				128.34

285	152625	130275	0.370	6.486	10.618	11.712	-0.396	0.894	14%	21%	-0.240	117.65	1	2	1	130.53
286	153086	122033	0.446	7.086	10.167	11.616	-0.066	1.367	4%	13%	1.913	117.59	2	2	3	127.83
287	152448	130765	0.406	7.196	11.479	11.741	-0.390	1.555	7%	16%	0.605	117.54	2	2	2	129.88
288	152606	122421	0.366	6.521	10.695	13.117	-0.501	1.009	18%	31%	1.215	124.54	3	2	3	136.70
289	152466	142722	0.395	7.733	12.175	14.158	-0.060	1.810	11%	19%	1.802	122.86	3	1	3	136.80
290	153295	142722	0.394	9.485	13.500	16.486	-1.209	0.512	14%	17%	0.557	120.62	2	3	2	137.07
291	152644	130275	0.431	7.266	11.788	13.721	-0.474	0.372	15%	24%	0.841	120.25	1	2	1	134.36
292	152998	143362	0.522	7.873	11.575	13.622	-0.414	1.014	12%	19%	0.850	120.24	2	2	3	133.04
293	152882	143578	0.478	6.790	10.262	12.386	0.219	1.580	8%	16%	1.286	118.52	1	2	2	130.01
294	153024	142399	0.425	7.186	10.814	11.228	-0.267	1.748	7%	15%	0.425	117.98	3	2	1	129.27
295	153242	143362	0.482	7.775	11.592	12.941	-0.138	1.719	6%	11%	0.953	117.72	2	2	2	130.74
296	153023	142399	0.428	7.156	10.778	11.228	-0.294	1.636	7%	15%	0.425	117.64	1	2	1	128.93
297	152435	130344	0.390	7.267	10.885	12.361	-0.744	1.232	12%	22%	1.026	121.23	3	2	3	133.03
298	152723	130275	0.451	7.233	11.337	13.174	-1.206	0.822	16%	24%	0.335	120.53	3	2	2	134.31
299	153233	142399	0.432	7.620	10.564		-1.020	0.871	5%	4%		120.44	2	2	1	126.39
300	152376	130765	0.375	6.206	9.809	10.393	-0.987	1.645	11%	18%	0.373	118.36	2	2	2	129.57
301	152616	122421	0.566	6.737	10.955	12.798	-0.999	0.756	13%	22%	1.904	120.84	3	2	2	133.51
302	153277	143362	0.555	8.551	12.618	15.210	-0.081	1.718	7%	17%	1.500	120.58	2	2	2	134.51
303	152780	142610	0.458	8.378	11.760	13.910	0.057	1.345	9%	17%	0.729	119.81	1	1	3	131.96
304	152328	142722	0.463	7.608	11.845	13.822	-0.009	1.307	8%	15%	1.093	118.11	2	2	1	131.91
305	153200	143113	0.406	6.015	9.549	11.460	-0.240	1.377	12%	23%	1.180	120.52	1	2	2	131.10
306	152847	130344	0.408	7.671	11.976	12.783	-0.627	1.235	9%	15%	0.578	117.92	3	2	1	131.31
307	152614	070807 NZ	0.475	6.724	10.318	8.835	-0.426	1.677	9%	22%	0.476	121.02	2	2	3	130.05
308	153121	143113	0.212	4.428	7.461		0.744	2.313	7%	14%		120.65	2	1	2	124.09
309	152495	070807 NZ	0.514	6.277	9.901	8.293	-0.189	1.607	9%	22%	0.476	120.31	1	2	1	128.90
310	153234	142399	0.413	7.207	10.225		-0.396	1.069	5%	4%		120.29	2	2	1	126.09
311	152885	131297	0.525	8.069	12.206	13.892	-0.720	1.497	13%	23%	1.218	123.67	2	2	1	137.11
312	152584	122421	0.485	6.246	10.664	12.302	-0.705	1.628	14%	25%	1.354	122.41	3	3	2	134.95
313	152266	142659	0.329	5.806	8.523	7.329	-0.168	1.842	7%	16%	0.614	118.44	2	2	2	125.21
314	152138	142399	0.445	5.852	9.298	9.380	-0.348	1.275	9%	14%	1.070	117.88	2	1	2	128.25
315	153161	142610	0.456	7.536	10.512	11.841	-0.009	1.384	13%	23%	0.199	121.77	2	3	2	131.69
316	153397	142722	0.246	5.898	9.050		0.024	1.408	5%	10%		119.66	2	1	2	124.06
317	152581	110339	0.464	6.223	9.421	10.275	-0.408	1.090	11%	16%	0.442	117.59	1	2	1	128.13
318	152546	142564	0.407	6.959	9.442	9.775	-0.525	1.138	11%	12%	-0.339	117.34	2	2	1	127.14
319	152613	070807 NZ	0.443	6.311	9.906	8.185	-0.150	2.004	9%	22%	0.476	121.43	3	2	1	129.97
320	152566	070807 NZ	0.436	5.933	9.489	7.689	-0.162	1.903	9%	21%	0.476	120.64	2	3	1	128.80
321	153392	142399	0.502	7.080	10.377	11.475	-0.153	1.349	9%	13%	0.755	117.94	3	2	2	129.18
322	152655	60073	0.390	6.968	10.859	11.156	-0.369	1.750	6%	17%	0.297	117.03	2	2	2	127.97
323	152641	130765	0.470	6.625	9.914	10.420	-1.308	1.226	14%	19%	0.155	119.66	3	2	2	130.73
324	151706	130275	0.420	6.707	11.052	11.632	-0.972	1.287	13%	19%	0.138	118.77	2	3	2	131.98
325	153378	143362	0.502	6.990	10.718	12.120	-0.195	2.105	11%	20%	0.270	120.37	2	2	1	132.16
326	152549	110339	0.525	8.228	11.328	12.491	-0.420	1.377	6%	8%	0.810	117.32	3	2	2	129.68
327	151895	143362	0.342	5.414	8.987	10.098	-0.036	1.529	9%	16%	0.880	117.16	2	2	2	127.61
328	152582	122421	0.416	5.435	9.797	11.161	-0.426	1.797	14%	24%	1.354	121.86	3	3	2	133.50
329	152822	130275	0.461	6.753	11.158	11.745	-0.813	1.276	13%	19%	0.138	118.84	2	3	1	132.12
330	152791	142610	0.447	6.563	9.126	10.845	0.012	1.176	7%	17%	1.032	117.09	3	1	1	125.81
331	153199	143113	0.419	6.382	10.003	11.978	-0.003	1.545	12%	23%	1.179	121.54	1	3	2	132.48
332	152760	130275	0.420	7.410	11.434	13.091	-0.582	0.741	12%	15%	-0.048	116.48	1	2	1	130.50
333	152279	130765	0.386	7.219	11.586	12.841	-0.375	1.222	9%	13%	-0.033	115.58	2	2	1	129.72
334	153408	142399	0.551	7.633	11.046	12.018	-0.177	0.974	5%	11%	0.548	115.12	2	2	1	126.91
335	153203	143362	0.480	6.574	10.262	12.143	0.156	1.392	7%	12%	0.625	115.09	2	2	2	127.25
336	152711	130344	0.395	7.636	11.628	12.432	-0.738	0.759	7%	10%	0.444	114.81	2	2	2	128.23
337	153316	142722	0.430	7.217	10.964	13.552	-0.714	0.880	9%	15%	1.069	116.79	3	3	2	130.21
338	152455	130765	0.526	6.958	11.366	12.347	-0.921	0.666	11%	16%	0.614	116.76	2	1	2	130.54
339	153132	142564	0.497	7.562	10.748	10.919	-0.321	0.974	9%	9%	0.108	116.73	2	2	2	128.19
340	153202	143362	0.472	6.650	10.293	12.112	-0.105	1.538	7%	12%	0.626	115.47	2	3	2	127.69
341	153435	143362	0.515	6.847	10.604	12.715	0.231	1.340	5%	13%	1.088	115.17	2	3	1	127.17

342	152447	130765	0.455	7.163	11.418	11.740	-0.663	1.261	7%	16%	0.606	116.61	2	3	1	128.99
343	153421	142399	0.537	7.581	10.975	11.903	-0.432	1.053	7%	12%	0.551	116.04	3	2	2	127.79
344	152966	142610	0.489	8.247	11.610	13.339	-0.162	1.289	6%	15%	-0.113	115.75	3	3	2	127.71
345	152357	130765	0.333	5.557	9.604	9.387	-1.014	1.616	9%	17%	-0.287	115.44	1	1	1	126.78
346	152705	142660	0.380	6.916	9.839	10.681	-0.606	1.323	4%	13%	0.559	114.76	1	2	1	124.42
347	152681	070807 NZ	0.443	7.658	11.460	11.025	-0.972	1.606	4%	13%	-0.258	114.78	1	2	2	126.56
348	152730	130275	0.459	7.850	11.825	12.675	-0.780	0.993	7%	13%	-0.309	114.58	1	2	2	128.22
349	152336	130765	0.374	5.839	9.719	11.371	0.087	1.627	7%	13%	0.359	114.47	2	3	2	126.50
350	153021	122033	0.393	6.283	9.173	11.308	-0.501	0.571	7%	16%	0.991	114.40	3	2	2	124.53
351	153073	142399	0.495	7.777	11.120	11.966	-0.513	1.299	3%	5%	0.748	114.21	2	2	2	126.46
352	152260	130765	0.300	4.632	8.541	9.761	-0.189	1.437	11%	18%	0.781	116.60	2	2	2	127.48
353	152683	110339	0.500	7.127	10.876	12.093	-0.258	0.588	9%	13%	0.630	115.80	1	2	2	128.26
354	153041	142564	0.400	7.659	10.905	11.729	-0.498	1.087	9%	7%	-0.556	114.99	2	2	1	127.62
355	152805	130765	0.429	5.026	8.976	9.257	-1.170	0.855	13%	18%	0.337	116.50	1	3	3	127.72
356	152984	143870	0.563	6.617	10.073	10.454	-0.171	0.798	9%	14%	-0.029	115.10	2	1	3	125.82
357	152772	142722	0.469	7.709	11.387	13.249	-1.254	0.555	7%	16%	0.274	114.22	3	3	3	127.26
358	153243	143113	0.485	6.926	10.751	12.831	-0.237	1.301	9%	15%	0.677	116.87	1	2	1	129.54
359	152248	142564	0.318	6.822	9.307	9.824	-0.870	0.772	11%	10%	0.276	116.75	1	2	2	126.50
360	153230	143362	0.539	8.820	13.011	15.026	-0.513	1.335	6%	10%	0.479	115.97	1	2	1	131.23
361	153125	142610	0.262	5.598	8.117		0.435	1.456	0%	6%		115.66	2	2	3	117.78
362	152713	130765	0.355	5.259	9.266	8.503	-0.381	1.589	9%	15%	0.446	116.96	1	2	1	127.35
363	152897	143578	0.520	7.380	10.658	12.920	-0.465	0.826	9%	16%	0.214	115.82	3	2	2	127.80
364	152776	142399	0.400	6.944	10.102	10.420	-0.381	1.230	6%	12%	0.303	115.46	1	3	2	125.94
365	152159	130765	0.402	5.912	9.906	11.698	-0.858	1.279	10%	17%	0.168	115.12	2	2	3	127.71
366	153426	122033	0.387	6.308	8.995	10.260	0.102	1.385	5%	14%	1.482	116.55	2	2	1	125.39
367	152898	143578	0.503	7.196	10.439	12.569	-0.525	0.992	9%	16%	0.214	115.98	3	2	1	127.73
368	153141	130765	0.360	5.891	9.342	9.021	-0.744	1.573	9%	10%	-0.245	115.19	1	2	3	126.22
369	152505	110339	0.471	6.523	9.927	11.698	-0.570	0.846	9%	12%	1.079	116.31	1	1	2	128.39
370	152241	142399	0.415	6.761	10.891	11.369	-0.414	1.276	5%	10%	0.703	114.34	2	2	1	126.87
371	152627	142660	0.448	6.008	8.970	9.544	-0.657	1.362	5%	14%	0.501	114.21	2	2	1	123.18
372	152462	130344	0.329	6.315	10.161	10.066	-0.747	0.854	7%	15%	0.698	115.22				125.83
373	153364	143362	0.442	7.354	10.730	13.194	-0.066	1.167	5%	15%	0.946	115.56	1	1	1	127.43
374	152441	142722	0.474	7.207	10.223	11.499	-1.320	0.395	6%	14%	1.133	114.77	1	1	2	125.56
375	153458	142722	0.576	9.163	12.909	15.858	-1.221	0.452	8%	12%	1.009	116.41	2	2	2	131.82
376	152979	142610	0.471	8.182	11.629	13.792	-0.423	0.762	7%	15%	0.579	116.01	3	3	2	128.85
377	153043	142399	0.515	7.353	10.734	11.703	-0.144	1.003	4%	7%	1.092	114.10	1	2	2	125.82
378	153193	142610	0.477	8.692	11.585	13.806	-1.161	0.279	5%	14%	-0.101	112.97	2	2	2	125.14
379	153248	142610	0.374	7.819	11.118	11.711	-0.330	1.360	0%	9%	0.424	112.63	1	3	2	123.47
380	152769	142660	0.567	8.875	12.419	13.105	-1.107	0.739	2%	13%	-0.100	112.56	2	2	3	124.83
381	153351	142610	0.341	7.934	11.073	12.731	0.030	1.128	0%	9%	-0.231	110.78	1	1	1	122.19
382	152299	142564	0.474	6.756	9.972	11.085	-0.399	1.246	8%	6%	-0.126	114.17	2	2	1	126.17
383	153428	122033	0.522	8.232	10.693	14.371	-0.603	0.462	5%	11%	0.799	113.49	3	2	2	125.24
384	153168	142660	0.401	6.419	9.426	9.972	-0.555	0.825	5%	18%	0.103	113.54	2	2	2	122.31
385	153206	142610	0.441	7.879	11.246	13.078	-0.336	0.584	3%	9%	0.203	111.30	2	3	1	123.60
386	153147	142722	0.382	7.289	10.428	13.000	-1.038	0.426	8%	12%		112.54	2	2	2	127.54
387	152990	122033	0.532	8.024	10.934	12.474	-0.189	0.987	2%	8%	0.318	112.24	2	1	2	123.49
388	152958	122033	0.443	6.629	10.137	12.761	-0.747	-0.182	5%	12%	1.080	110.67	2	2	1	122.95
389	152840	142660	0.507	8.488	11.948	12.669	-1.155	0.463	2%	12%	-0.100	111.35	2	3	2	123.24
390	152182	142564	0.384	6.245	9.196	10.383	-0.219	0.735	6%	7%	-0.263	110.97	3	1	2	121.52
391	152991	122033	0.447	7.490	10.242	11.830	-0.465	0.560	1%	8%	0.318	110.37	2	2	2	121.09
392	152355	130765	0.457	6.016	9.963	10.480	-1.089	0.701	10%	12%	-0.274	112.82	2	2	2	125.38
393	153249	142610	0.368	7.586	10.804	11.375	-0.615	1.182	0%	9%	0.425	111.70	2	3	2	122.33
394	153371	122033	0.479	6.625	9.801	11.660	0.342	1.059	5%	12%	0.612	114.01	2	2	2	124.85
395	152379	142660	0.265	5.177	8.104	10.150	-0.705	1.082	6%	10%	0.715	112.04	2	2	1	122.66
396	153372	122033	0.528	6.728	9.853	11.712	-0.126	0.953	5%	12%	0.614	113.65	2	2	2	124.65
397	153225	142610	0.420	6.815	9.638	10.771	-0.231	0.751	5%	12%	0.111	112.81	2	2	2	122.65
398	152638	130344	0.407	7.063	10.429	11.811	-0.732	0.766	5%	11%	0.494	112.79	2	1	1	124.09

399	153292	143113	0.366	5.570	8.971	9.555	-0.069	1.429	5%	10%	0.003	112.07	3	1	1	122.09
400	152773	142722	0.548	7.942	11.631	13.720	-1.521	0.046	7%	16%	0.275	113.09	2	1	2	126.50
401	153452	142610	0.424	7.396	10.604	11.542	-0.360	0.957	1%	10%	0.516	111.82	1	2	2	122.52
402	152478	142660	0.430	6.437	10.059	11.607	-0.375	0.968	4%	11%	0.453	111.86	1	1	1	123.58
403	153381	142610	0.397	6.977	10.614	11.374	-0.078	1.103	2%	8%	-0.313	110.50	1	2	2	122.08
404	153196	143113	0.236	4.931	8.242	8.697	-0.585	1.674	8%	12%	0.027	113.87				123.65
405	152042													4		
406	152374												1	2	2	
407	153329												2	1	1	
408	153045												2	2	1	
409	151716												2	2	3	
410	153353												2	2	1	
411	152319												3	2	2	
412	152538												1	1	2	
413	152281												3	2	1	
414	153046												2	2	1	
415	153214												1	3	2	
416	153485												1	2	2	
417	153261												2	2	2	
418	153390												1	2	1	
419	152955												2	2	2	
420	153119												2	2	1	
421	153262												2	3	2	
422	153354												2	1	2	
423	153246												3	2	2	
424	153056												2	3	2	
425	153140												1	1	2	
426	153083												1	2	2	
427	153268												1	3	2	
428	153204												3	2	2	
429	153057												2	3	1	
430	153265												2	2	1	
431	153341												2	1	3	
432	153136												2	3	2	
433	153484												2	2	1	
434	152735												2	2	2	
435	153081												1	1	2	
436	153126												2	1	1	
437	153474												3	3	2	