

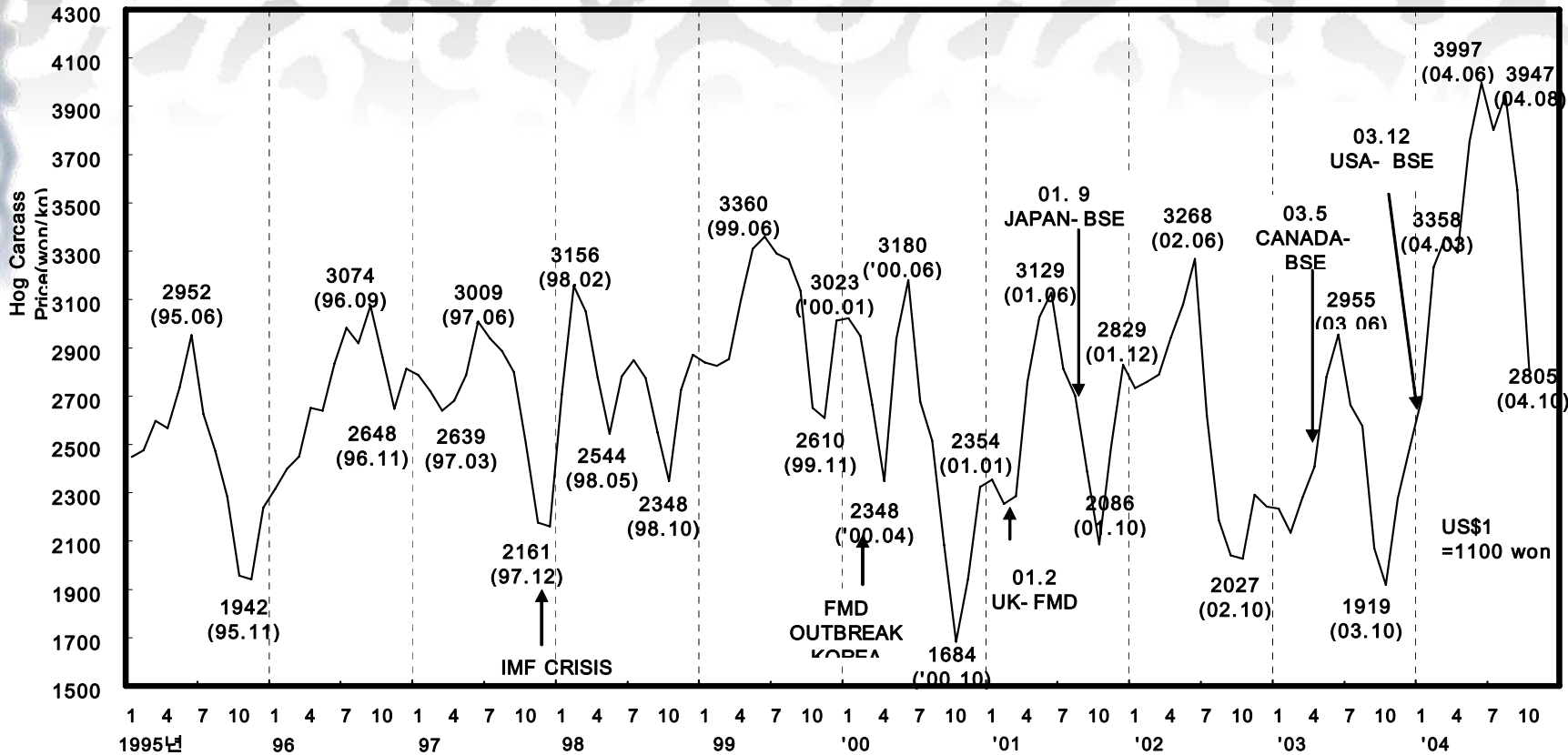


Pork Quality Study on Breeds in Korea

JUNG P&C INSTITUTE

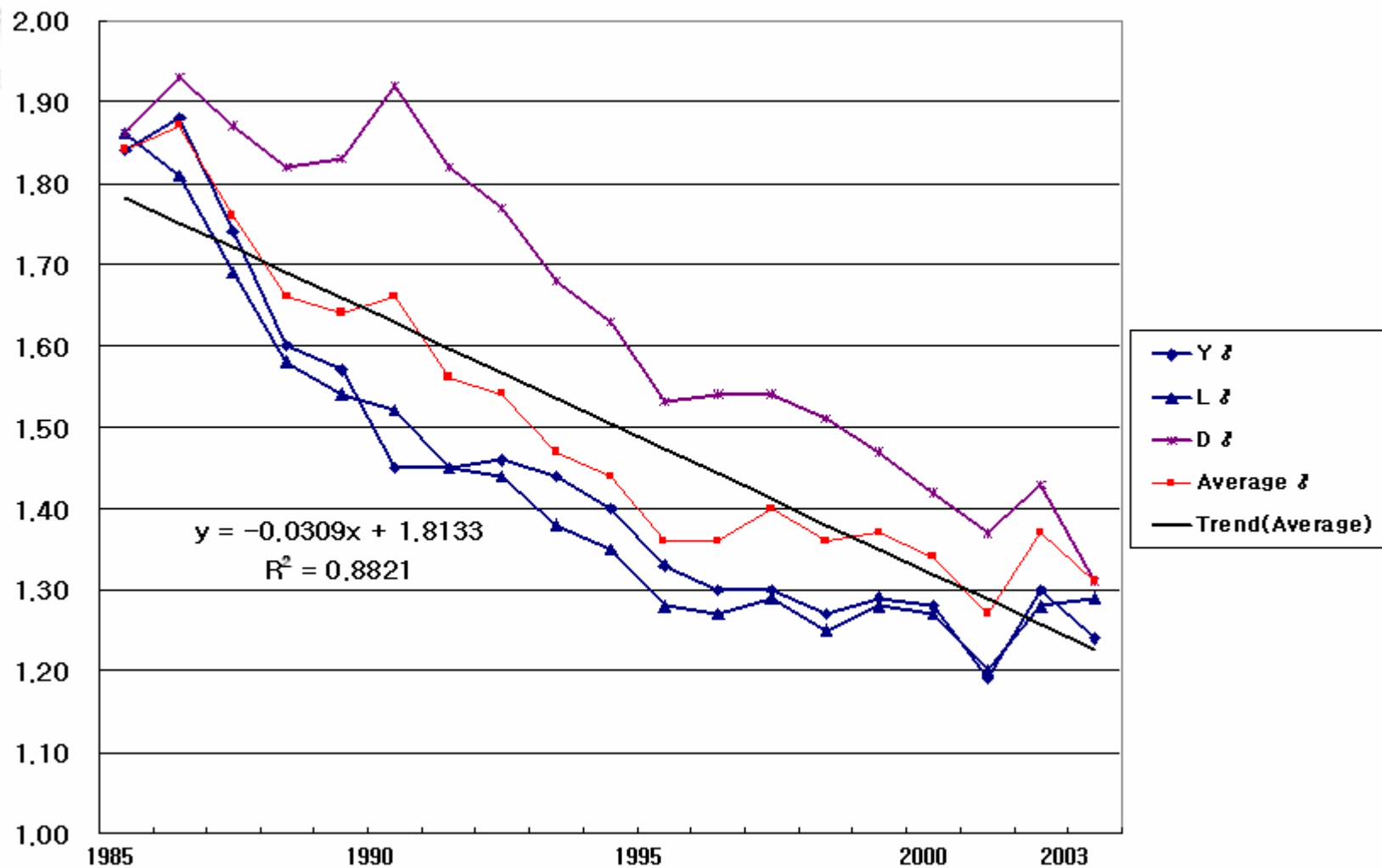
YOUNG CHUL JUNG

Trends of Korean Swine Population and Price

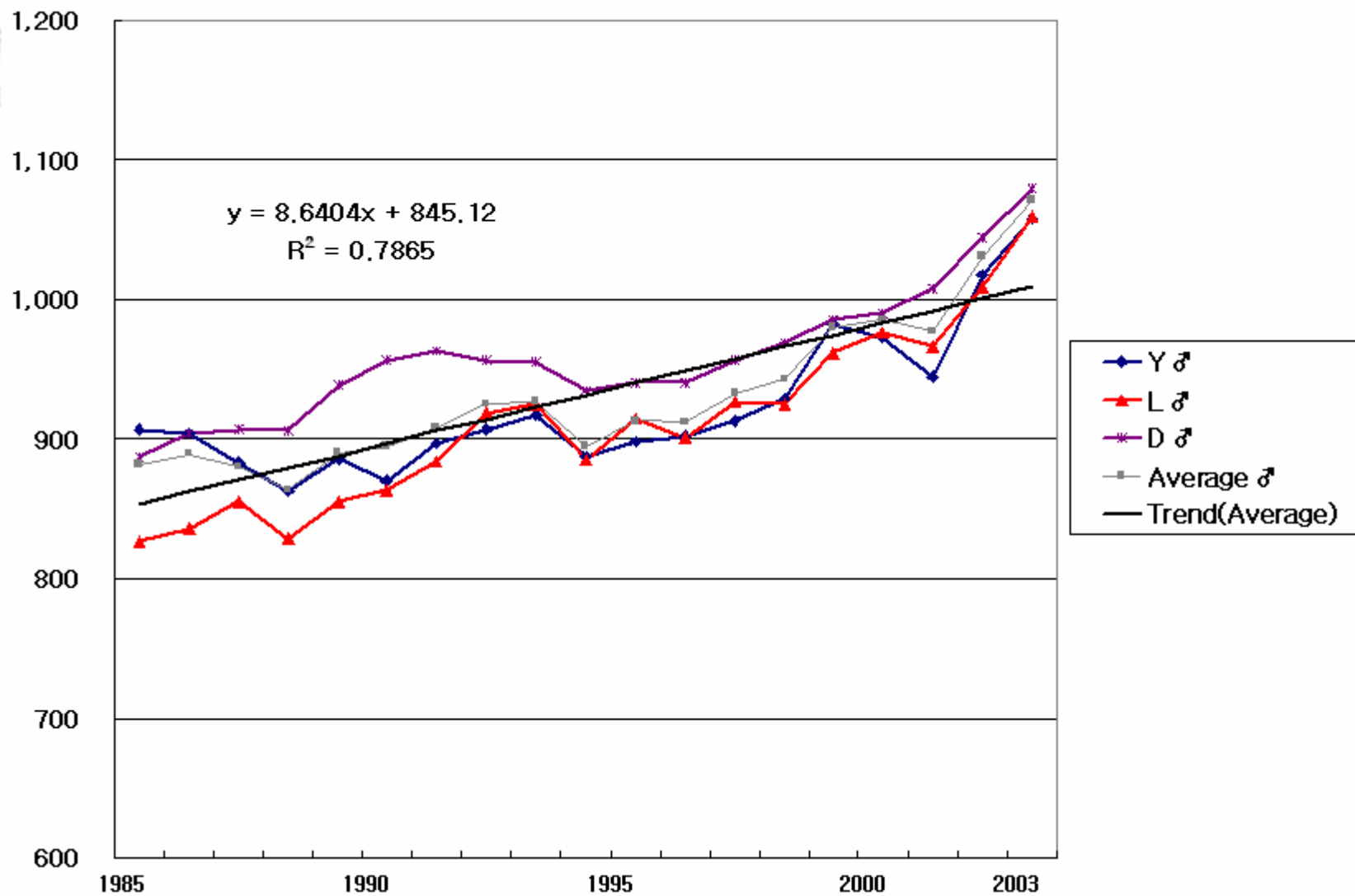


Year	1995	1996	1997	1998	1999	2000	2001	2002	2003
Pig Inventory(heads)	6,461,179	6,515,773	7,095,852	7,543,777	7,863,655	8,214,000	8,719,851	8,974,403	9,230,677
Holdings Number	45,878	33,276	27,131	27,002	24,444	23,841	19,531	17,437	15,242
Pigs Slaughtered	10,178,072	10,793,502	10,917,659	12,630,829	12,630,829	13,293,052	14,324,271	15,338,432	15,286,616
Pork Export(ton)	14,346	36,862	51,624	88,326	88,326	16,156	9,554	2,494	3,303
Pork Import(ton)	-	-	6,3035	55,673	55,673	95,892	51,516	71,961	60,813

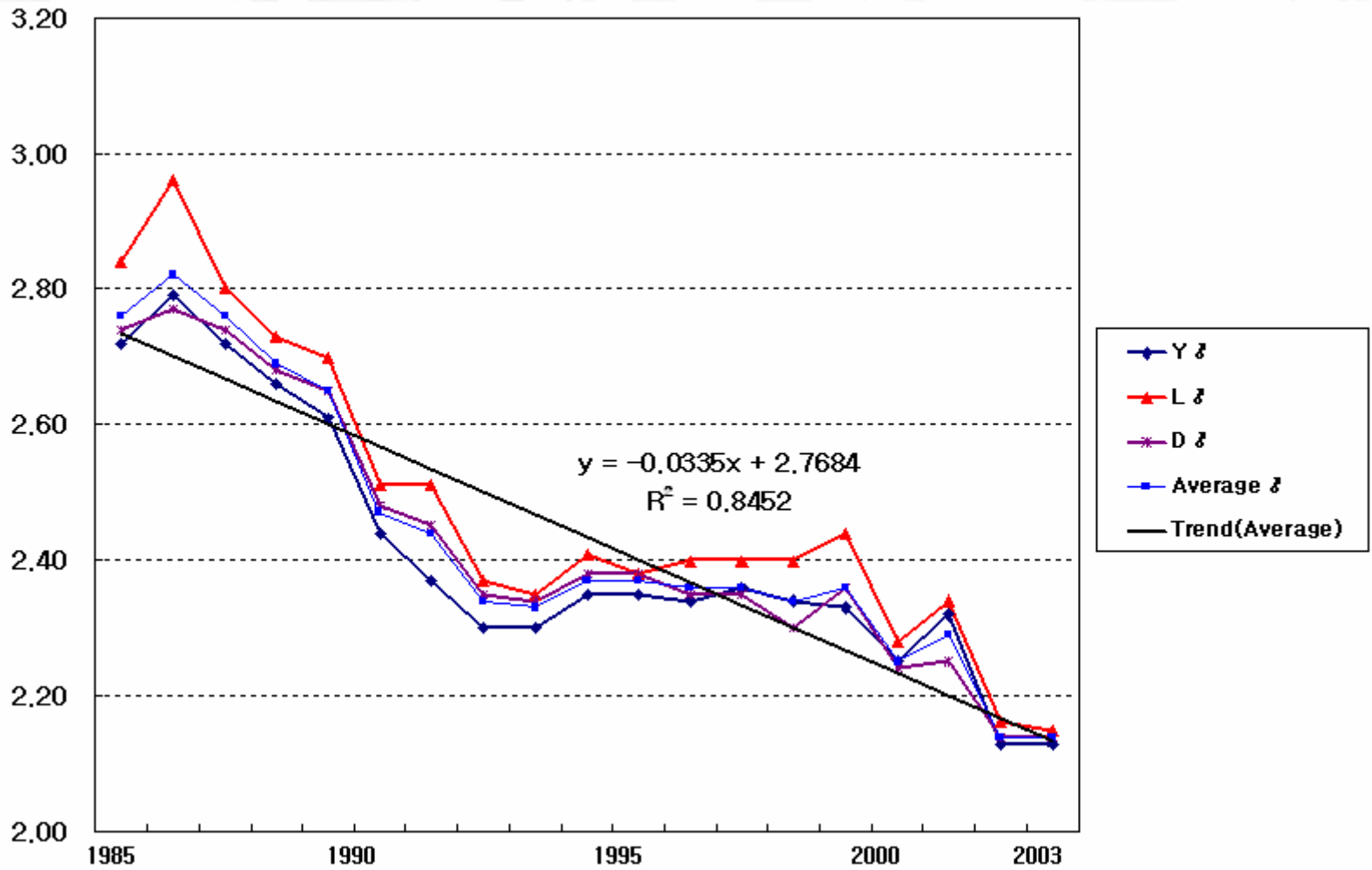
Trends of Backfat Thickness of Tested Boars(90Kg)



Trends of ADG(g) of Tested Boars(30~90Kg)

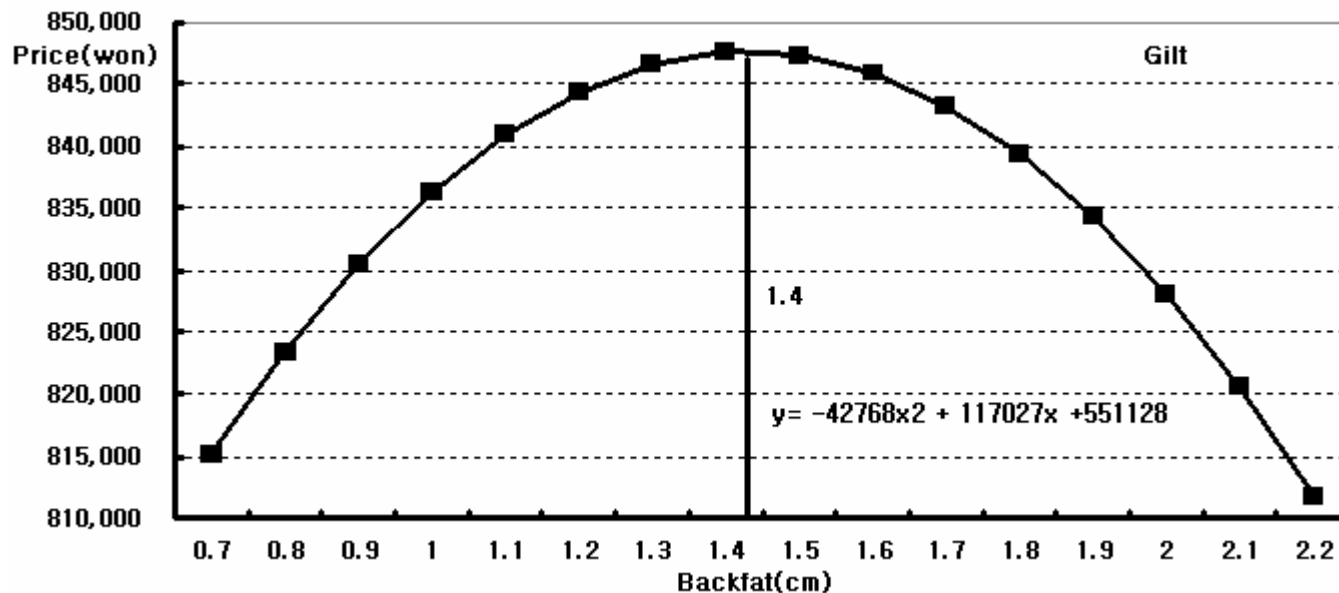
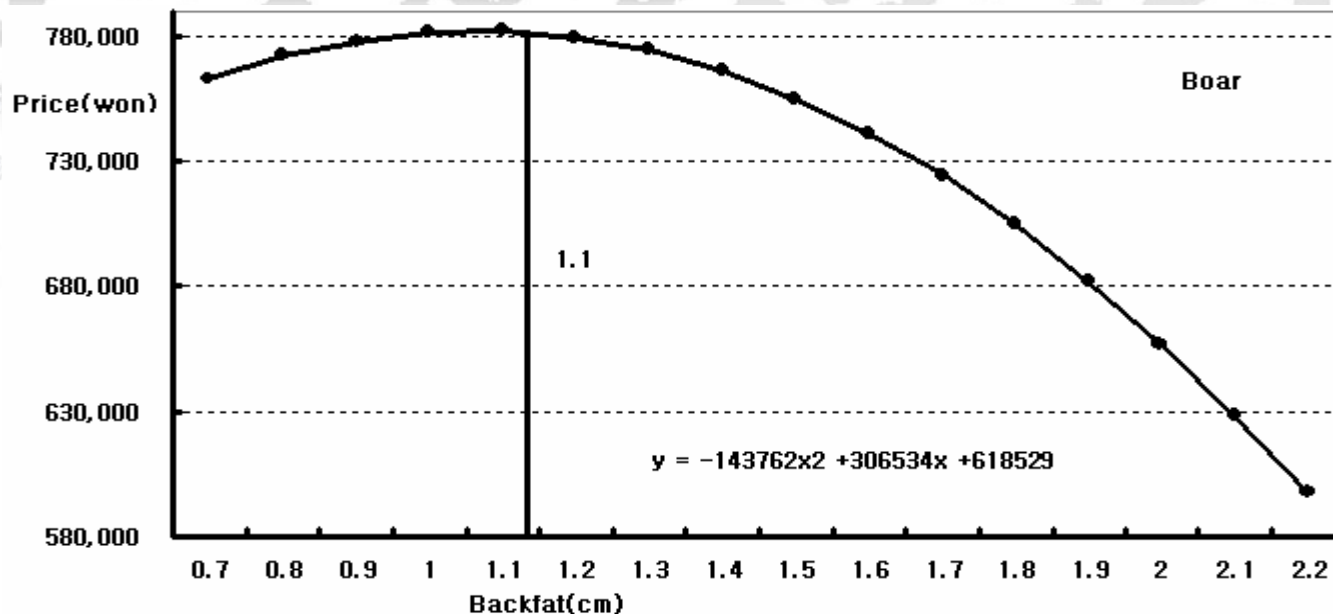


Trends of F/C of Tested Boars(30~90Kg)

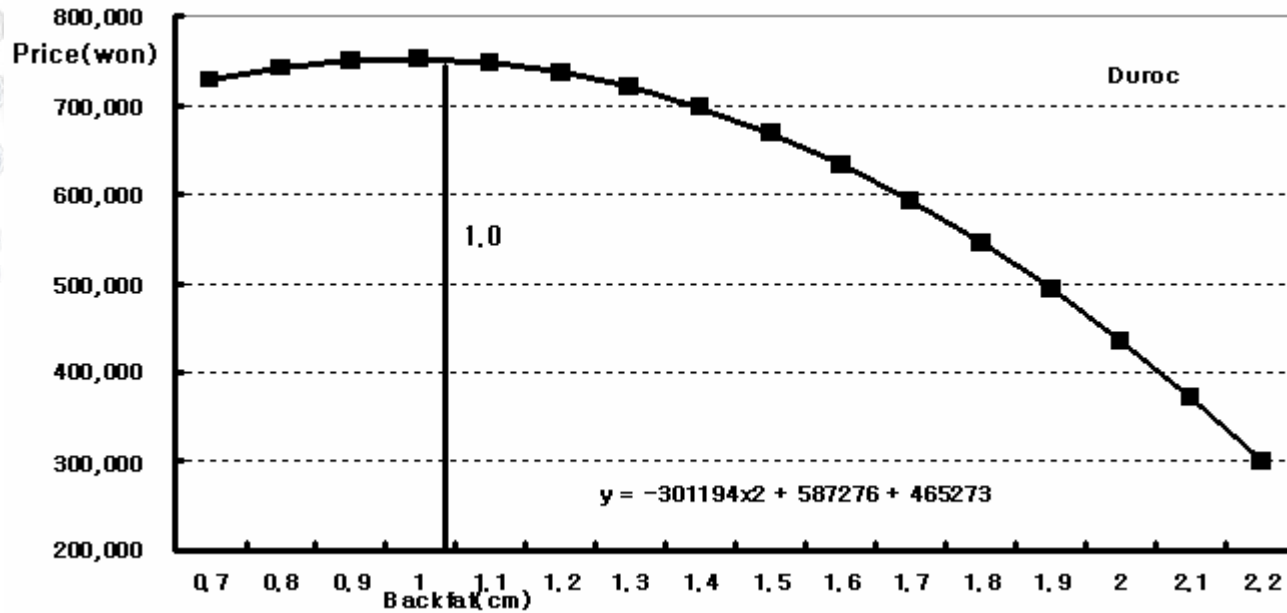


Auction Price of Tested Pigs by Fat Thickness (1999~2003)

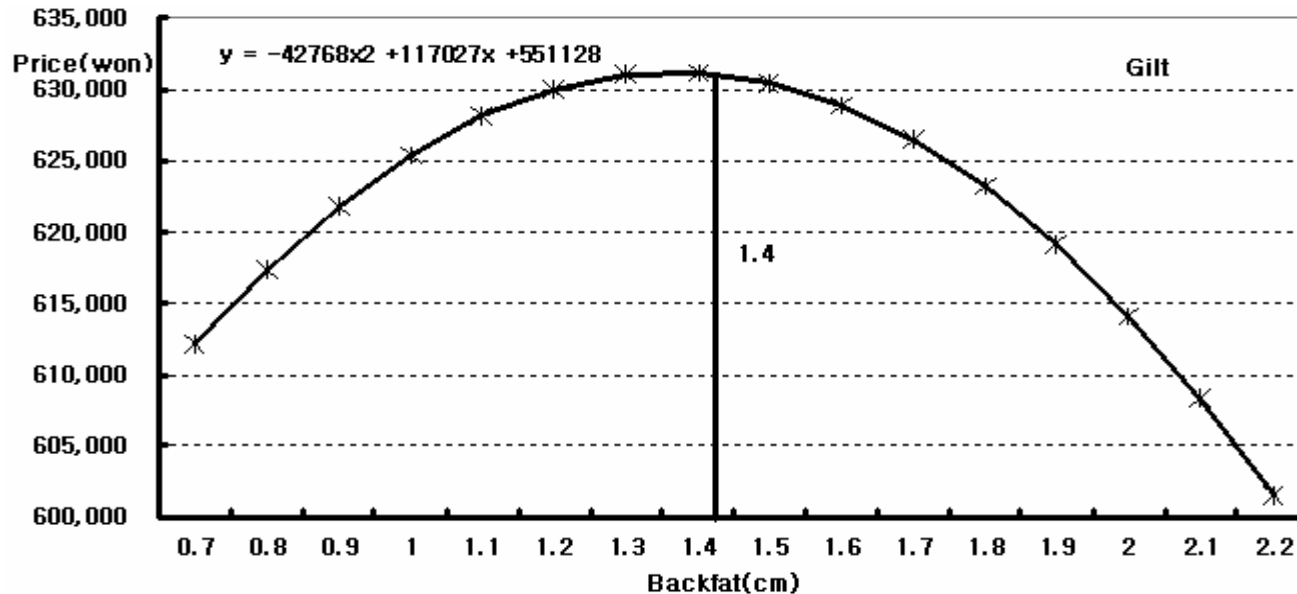
Yorkshire



Auction Price of Tested Pigs by Fat Thickness (1999~2003)

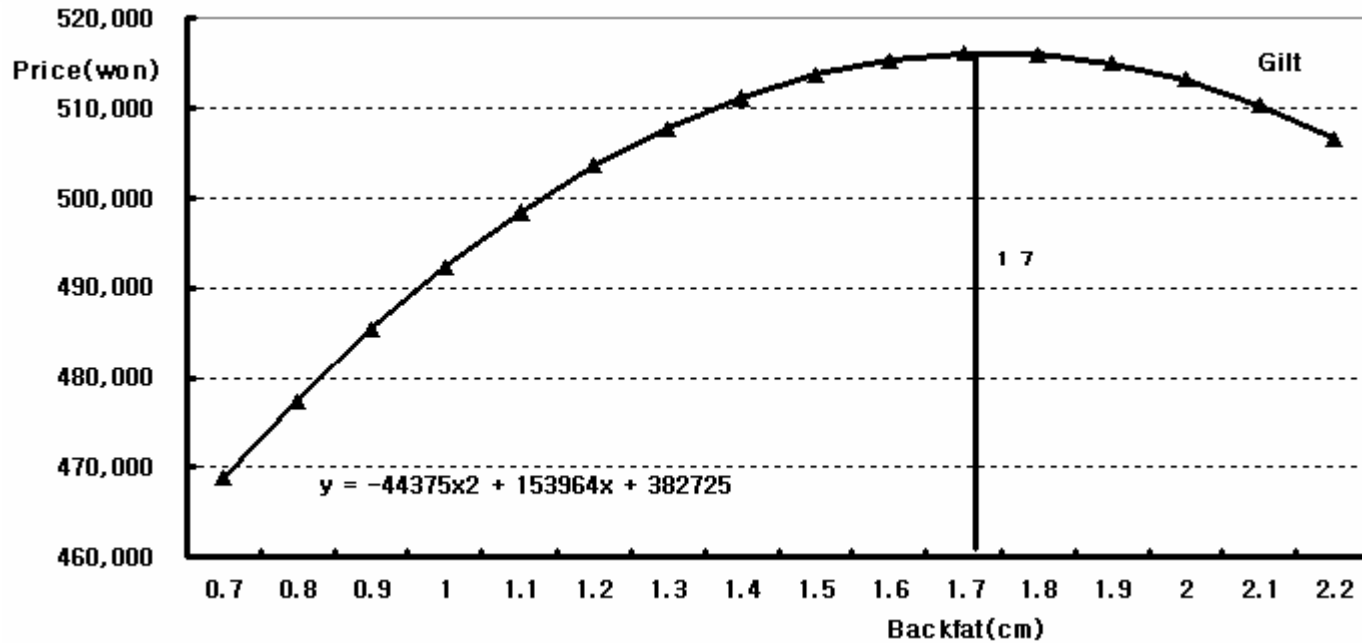
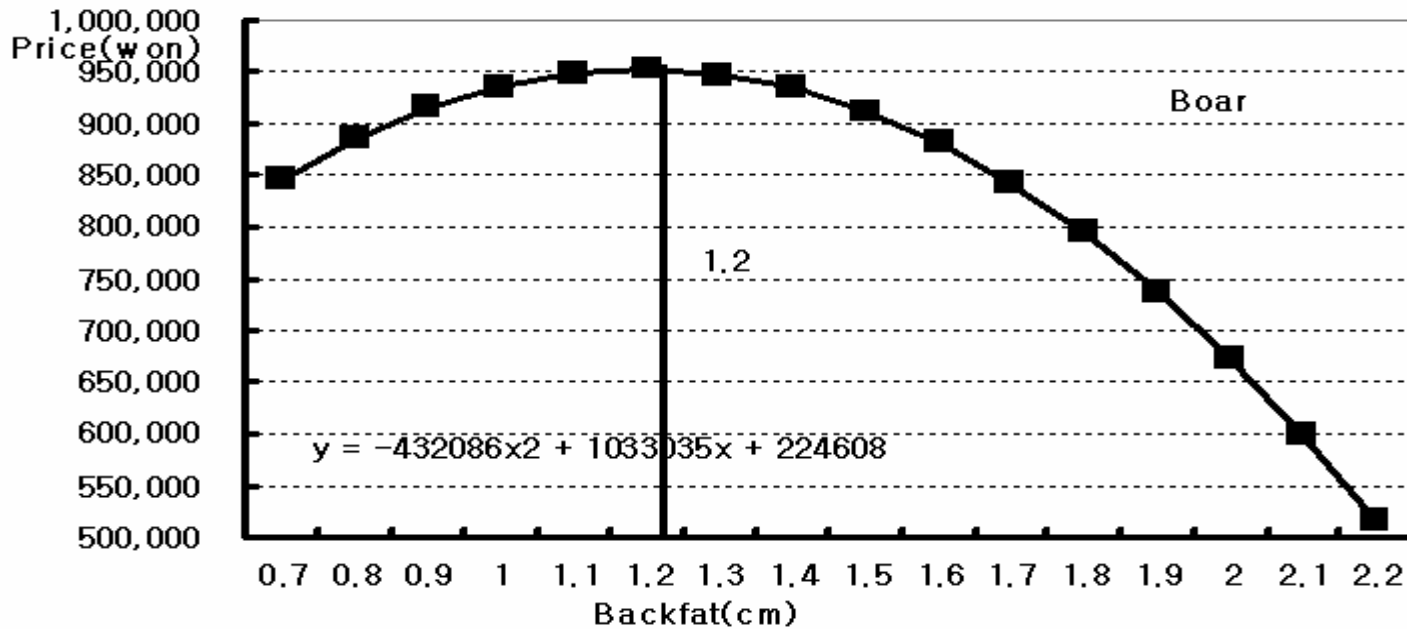


Landrace



Auction Price of Tested Pigs by Fat Thickness (1999~2003)

Duroc



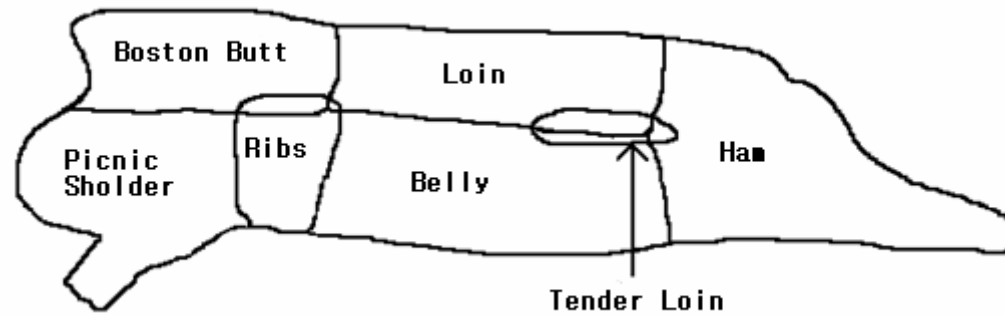
Live and Carcase Traits by Breeds

Breeds	Sex	Heads	Live Wt.(kg)	Carcase Wt(kg)	BF(cm)	Carcase Rate(%)
Landrace	Gilt	13	108.0	81.5 ^x	2.76 ^y	76.5 ^x
	Boar	8	107.1	79.3 ^y	2.40 ^x	74.5 ^y
	Total-AvG	21	107.6 ^a	80.4	2.58 ^a	75.5
Yorkshire	Gilt	10	106.1 ^y	82.2 ^x	3.03	77.2 ^x
	Boar	10	117.7 ^x	79.0 ^y	2.76	74.2 ^y
	Total-AvG	20	111.9 ^a	80.6	2.89 ^b	75.7
Duroc	Gilt	10	116.8 ^x	82.3 ^x	3.03	77.1 ^x
	Boar	10	104.0 ^y	78.3 ^y	2.90	73.7 ^y
	Total-AvG	20	110.4 ^a	80.3	2.97 ^{bc}	75.4
F1(LY)	Gilt	10	111.3	81.5	2.84	76.4
	Barrow	10	107.1	80.5	3.00	75.6
	Total-AvG	20	109.2 ^a	81.0	2.92 ^b	76.0
Finisher(LYD)	Gilt	76	103.1 ^y	81.2	3.13	76.3
	Barrow	73	106.3 ^x	80.8	3.16	75.9
	Total-AvG	149	104.7 ^b	81.0	3.15 ^c	76.1
Total-AVG		230	106.5±8.90	80.9	3.04±0.483	76.0±0.33

•a, b : Means in the same column with

•And^{xy} : the same letter are not statistically significant at 5% significance level

Pork Parts of Carcase



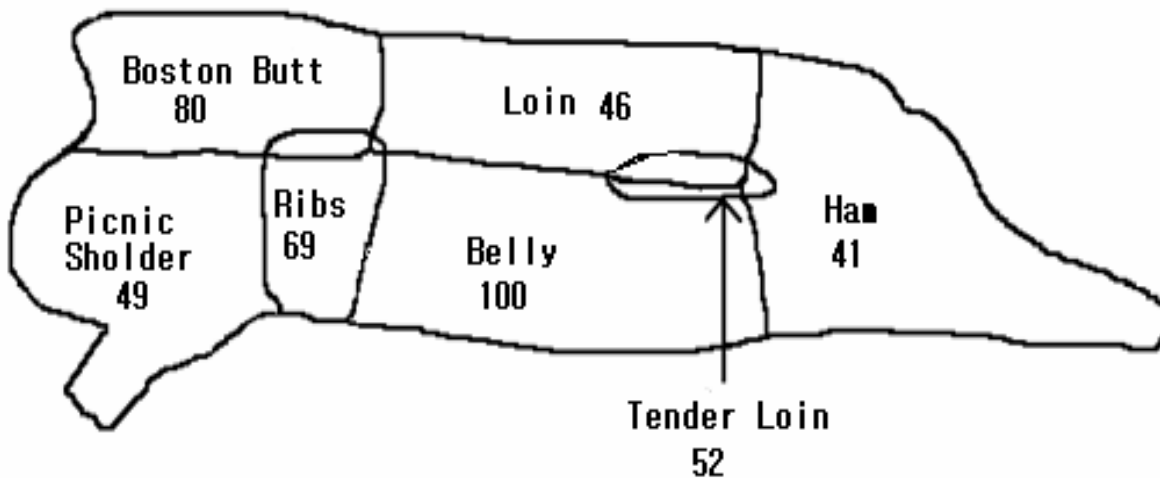
Boston Butt + Picnic + Loin + Belly + Tender Loin + Ham

Lean Meat(%)=

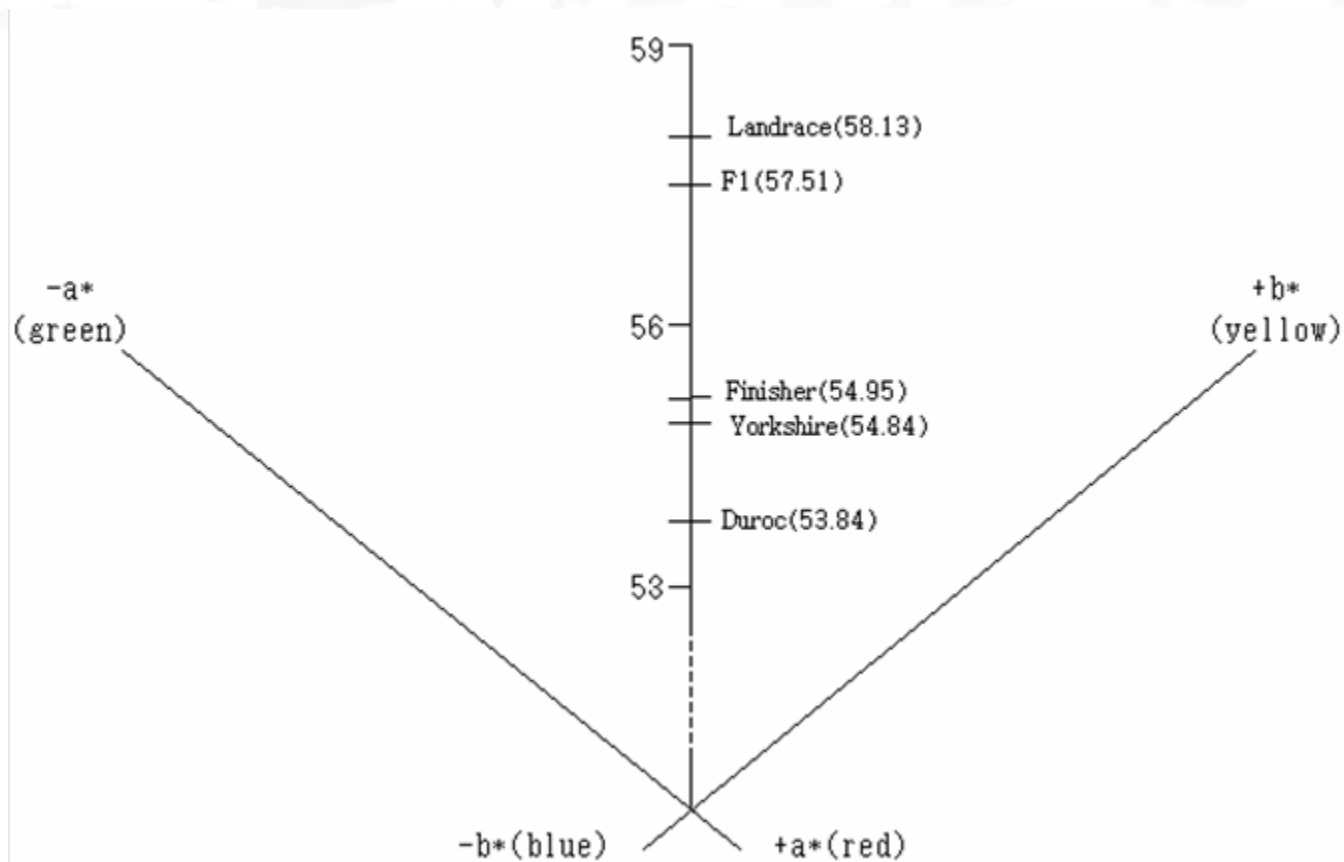
Live weight

×100

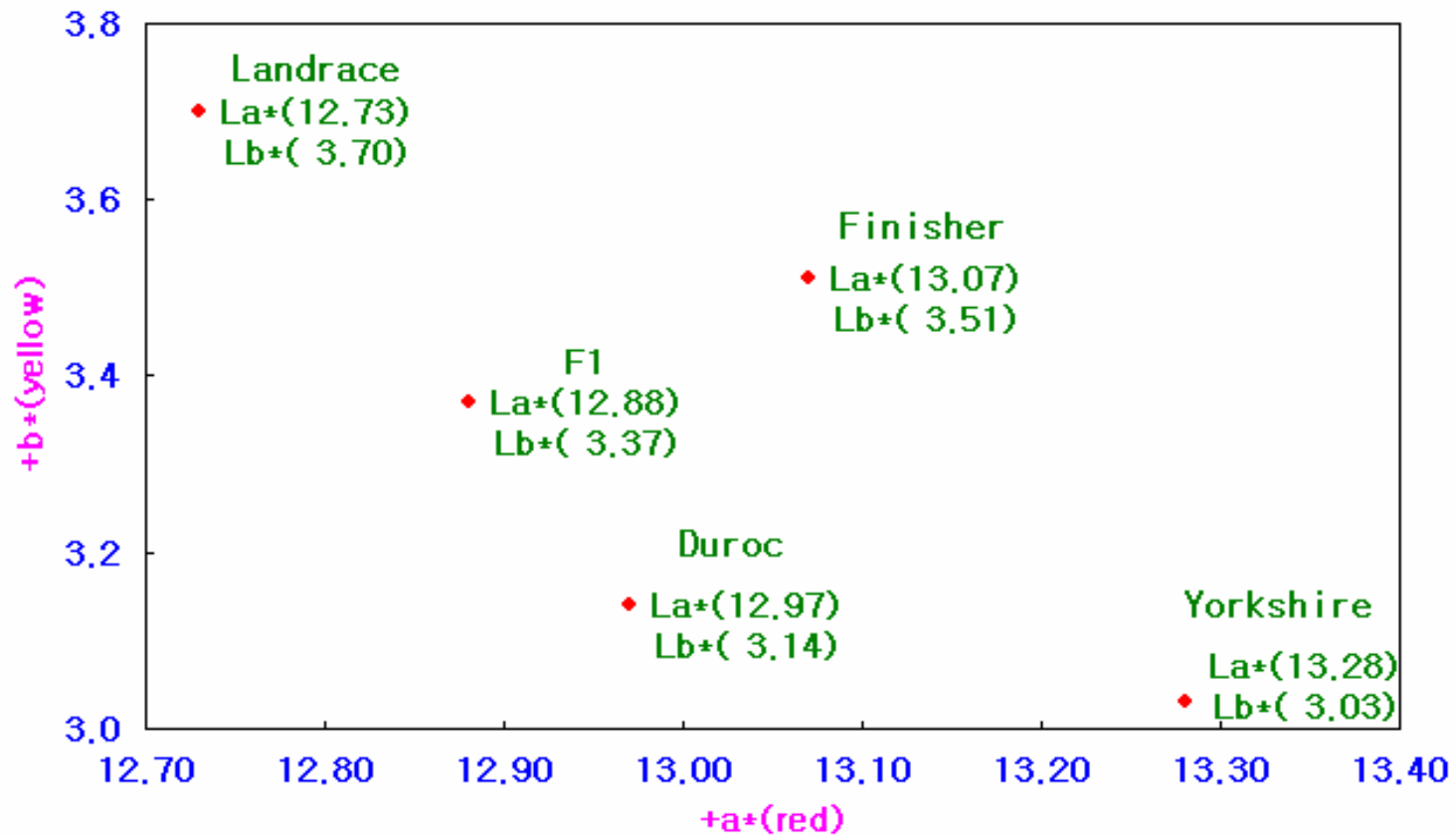
Pork Price Profiles



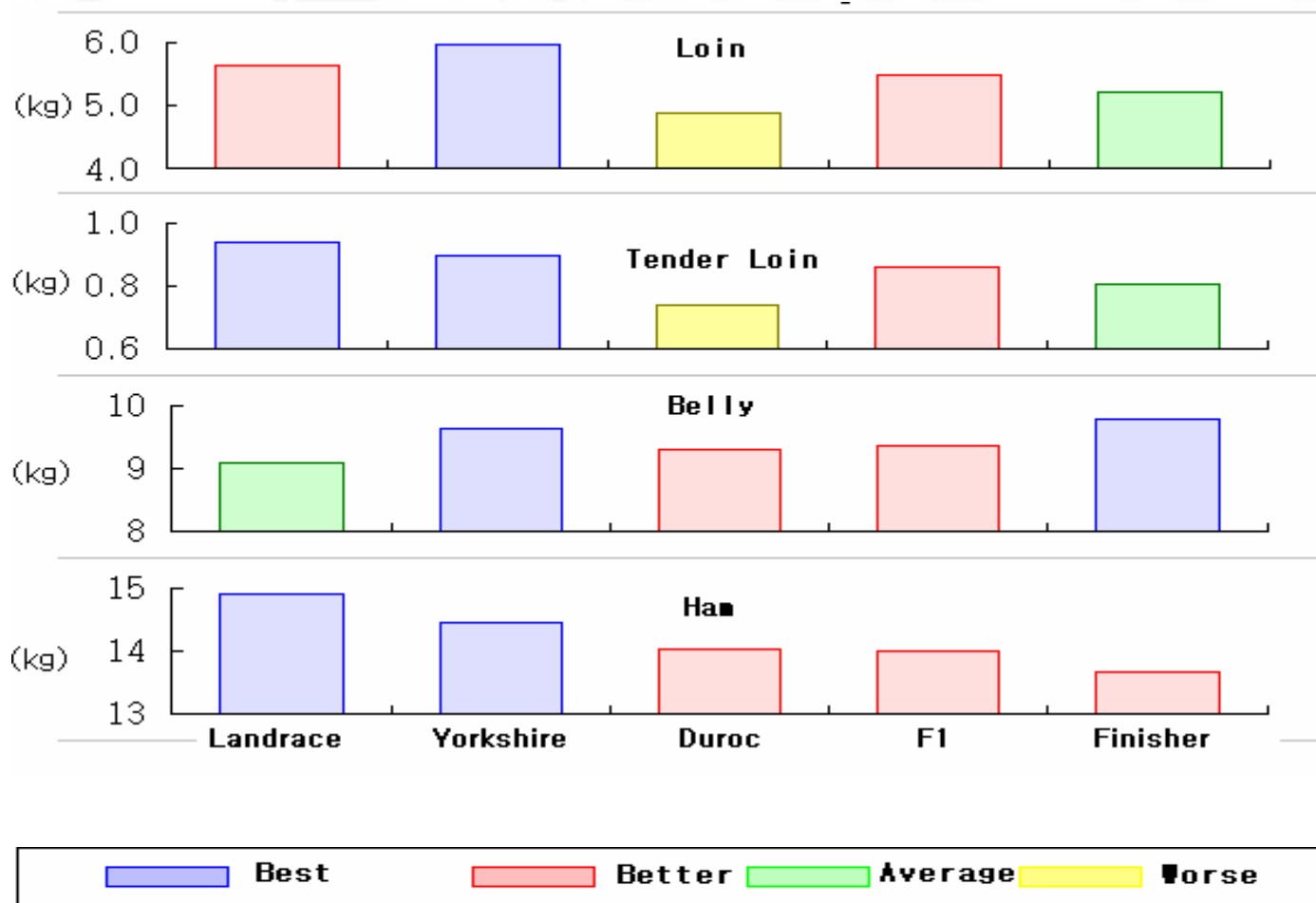
Minolta Color Lightness of Breeds



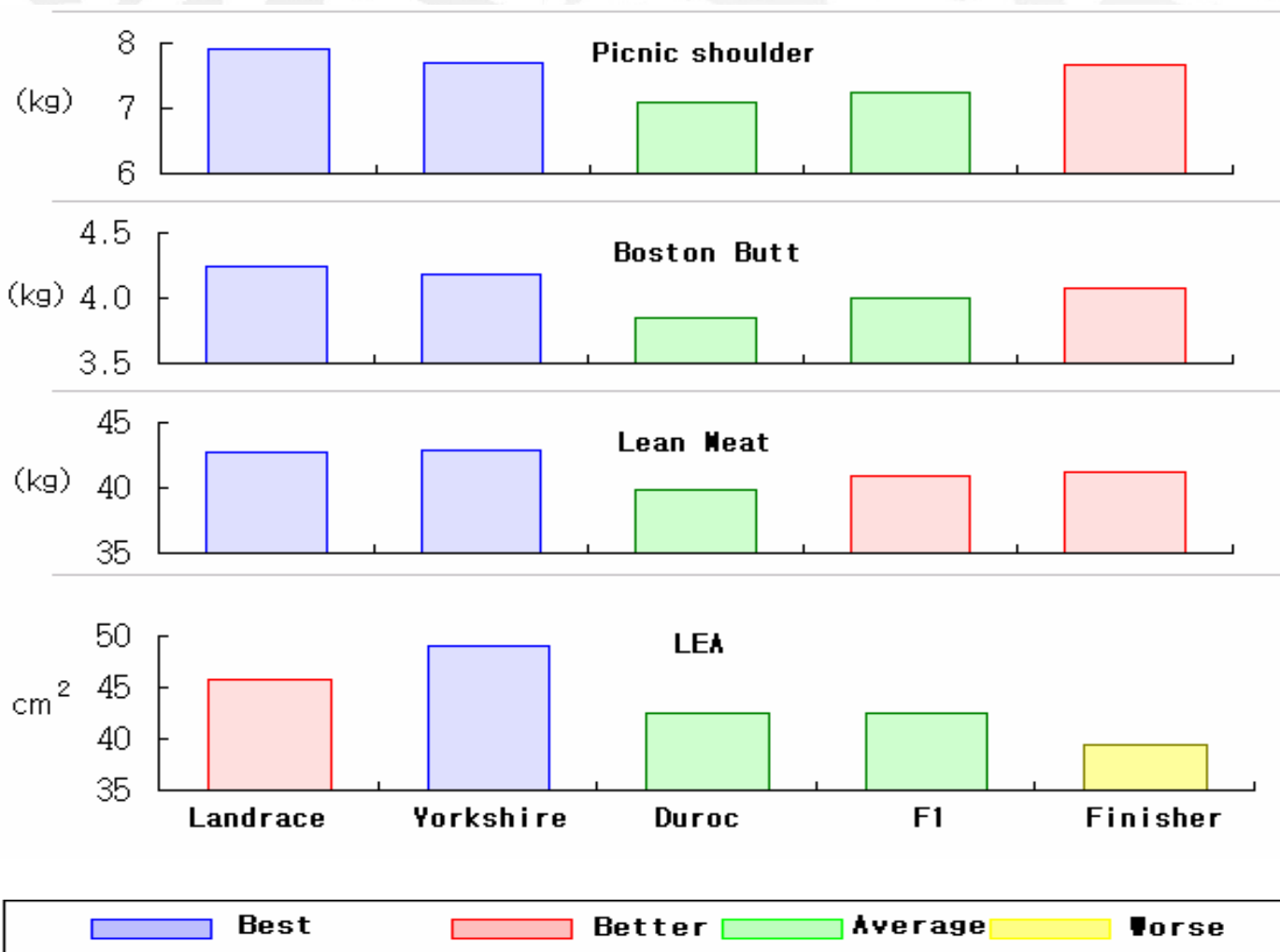
Minolta Color a*, b* of Breeds



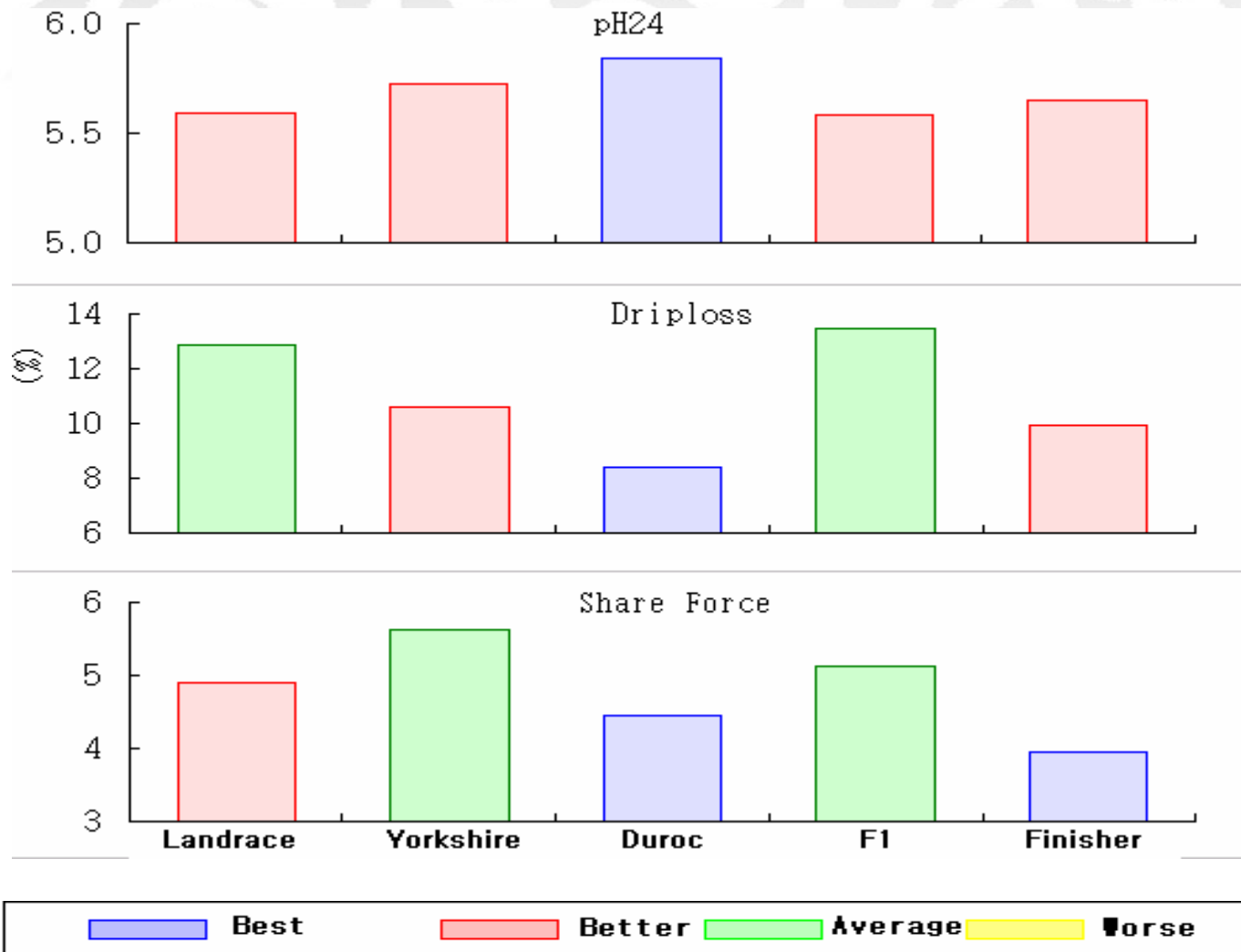
Quantity of Pork Parts(kg) and LEA(cm²)



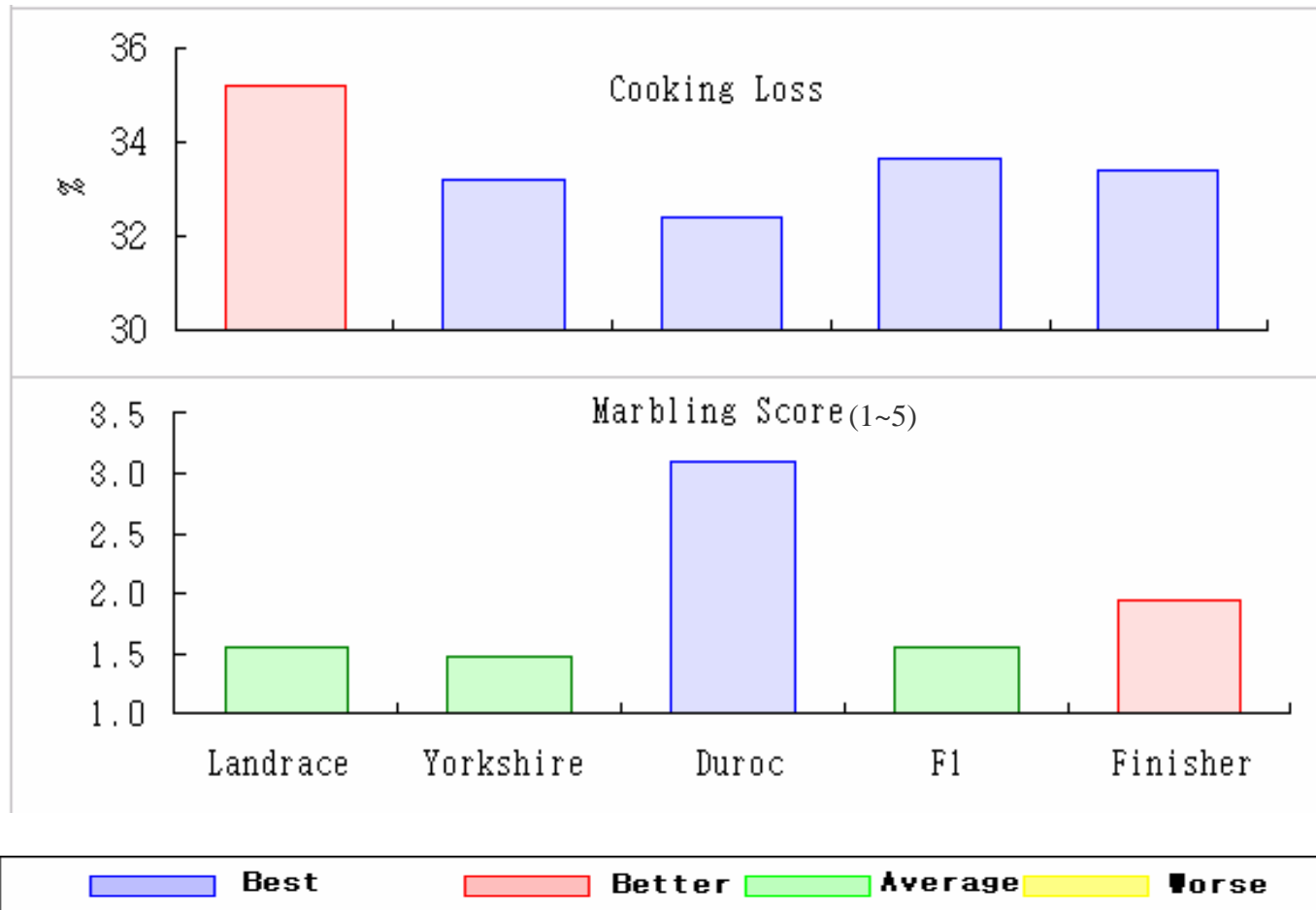
Quantity of Pork Parts(kg) and LEA(cm²)



Pork Quality of Breeds



Pork Quality of Breeds





Thanks!