

The Swedish Warmblood

presented by Margo Brady

Sweden

- has the highest density horse population in the world!
- size of California with a population half the size of Los Angeles.



Breeding program

- young horse testing of gaits and temperament
- rigorous stallion testing over 8 days at age 4
- stallion license for only 6 years to see how progeny develop
- stallion ratings increase in proportion to testing results of offspring
- Premium A is very difficult to achieve
- horses with over 40 points in conformation tend to live longer
- canter is the most important gait for jumping horses
- choose only the best horses for breeding
- use best mares available: mares give 51% of genetics to offspring
- BLUP: Best Linear Unbiased Prediction



Kyra Kyrklund on Master

- never beaten in first 17 starts in dressage, including Intermediare 1
- won or placed in all Grand Prix starts

The Swedish Warmblood

- Flyinge began in 1661
- only warmblood breed that has always been selected and bred for riding (over 4 centuries)
- known for gaits, rideability, temperament, intelligence, and athleticism
- 1874 Swedish Warmblood studbook published
- 1918 began open studbook to improve breed with Trakehner, Thoroughbred, Arabian, Hanoverian
- ASVH (Swedish Warmblood Association) began in 1928
- In 1912, at the FIRST Olympic Games, Swedish horses took home all three individual medals in dressage.
- no piaffe and passage
- 5 jumps up to 1.10 meters
- last jump was barrel rolling toward horse!



Jan Brink on Bjorsells Briar

Briar is the world's highest ranked dressage stallion for the years 2001-2007.

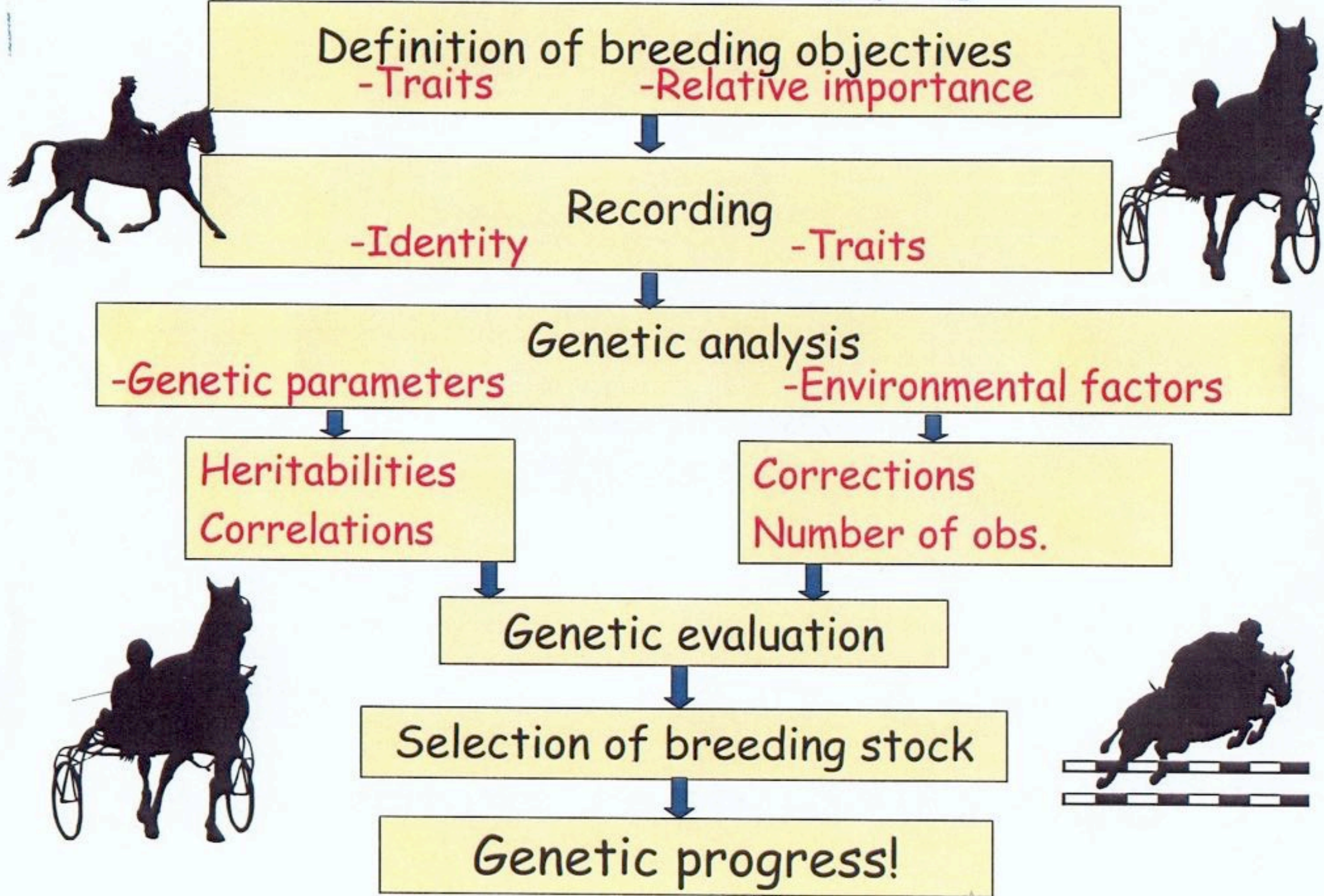
As of April 2007, the Swedish Warmblood was ranked #2 in the World Breeding Federation of Sport Horses in Dressage, #7 in Eventing, and #8 in Jumping

1) Hanoverian 2) **Swedish Warmblood** 3) Dutch Warmblood 4) Danish Warmblood 5) Oldenburg

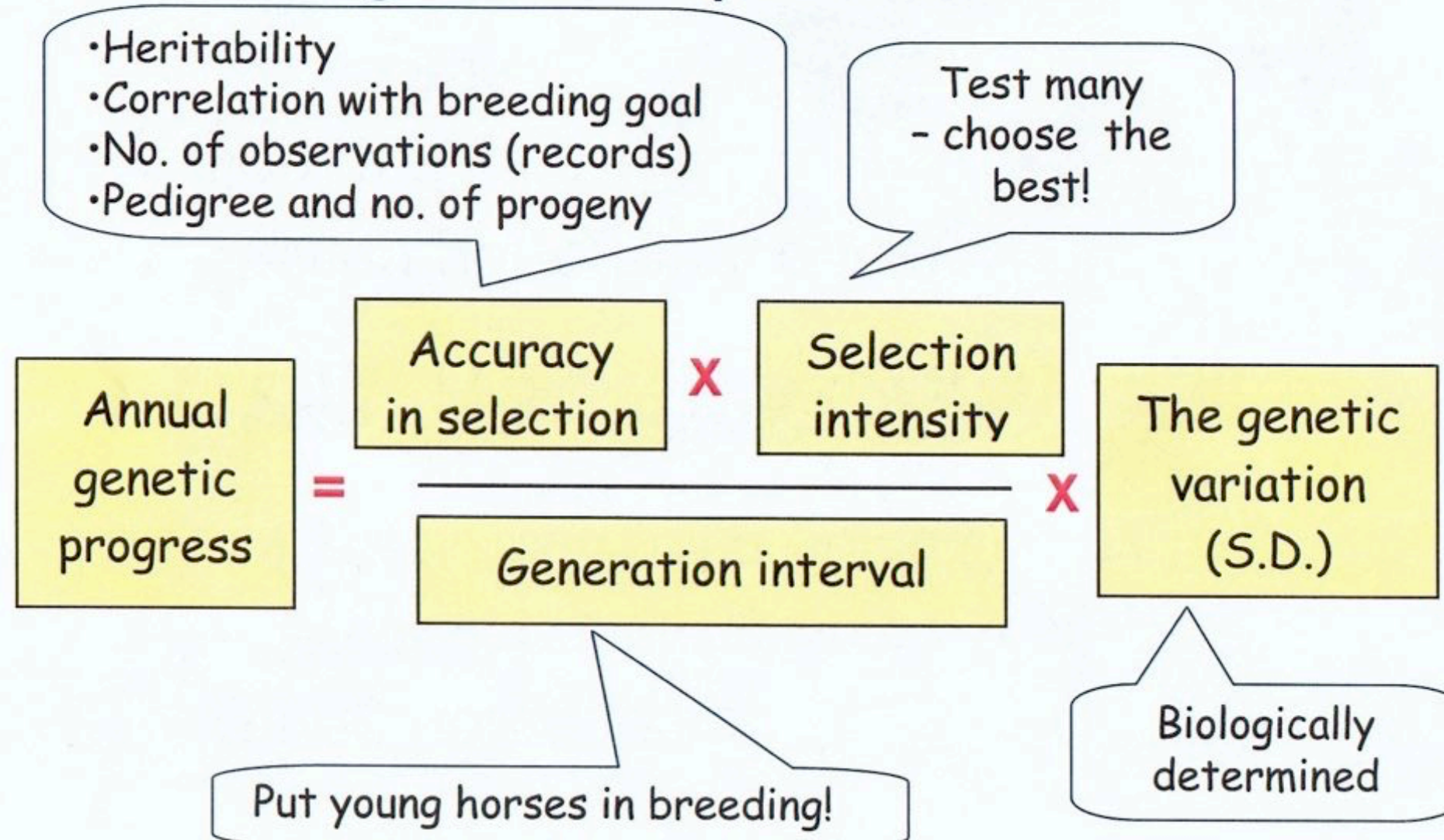
Quality vs. Quantity: In Sweden, there are approximately 5,000 mares covered each year as opposed to 50,000 covered in Germany.

Sweden had 6 horses competing in the 2007 World Cup!

Principles of a breeding program



What affects the rate of genetic improvement?



Testing methods

- Young horse tests
 - 3-year-olds (Young Horse Test)
 - 4-year-olds (Riding Horse Quality Test)

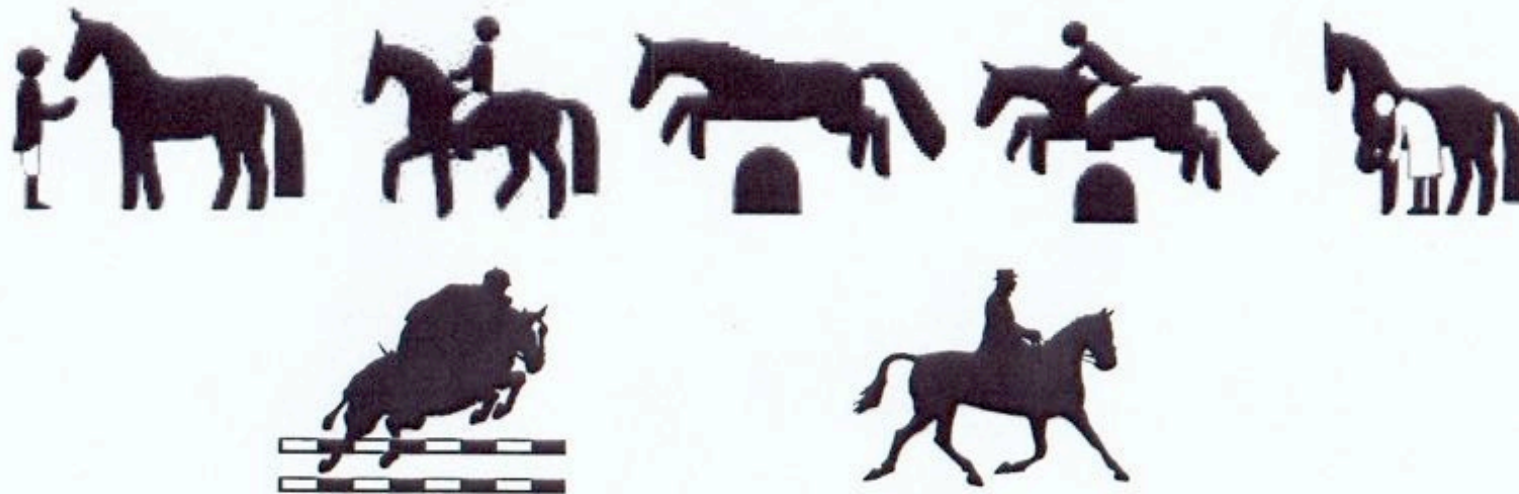


- Stallion performance test
- Competitions
 - Dressage
 - Show jumping

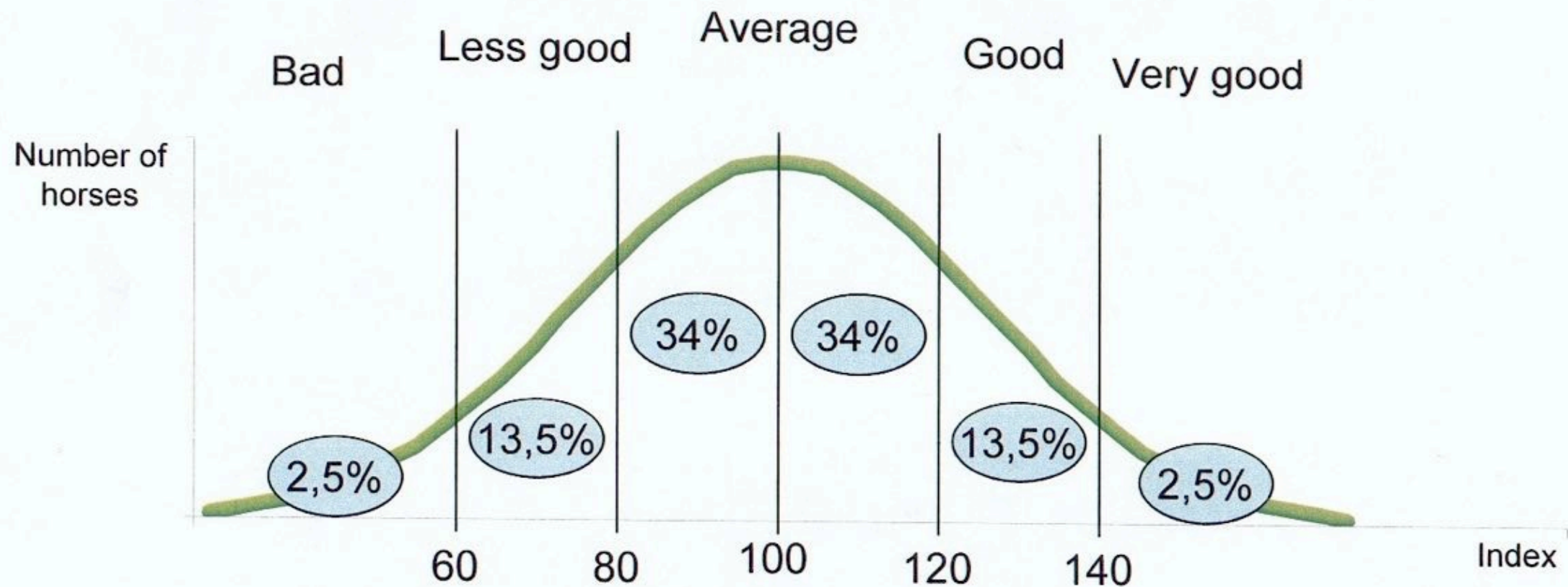


Breeding values 2006-

- Breeding values based on
 - Riding Horse Quality Test (RHQT), 17,741 horses
 - Test for 3-year-olds (YHT), 7,019 horses
 - Competition data from 37,727 horses



What is a good index?



68 % of the horses can be found within +/- one standard deviation= Average



BLUP INDEX

NAME	NO EVAL OFFSP RING	TYPE	EXTR	JUMP TECH N	JUMP TEMP	JUMP COMP	WALK	TROT	CANT	GAITS TEMP	DRES SAGE COMP	HEIG HT
TIP- TOP	50	114	96	96	89	95	127	148	140	154	135	0,6
FELIC IANO	164	94	126	122	121	143	107	93	106	96	99	-2,1

Rank Dressage index (top 10) 2006

Of all

Don Primero

Don Schufro

Chagall

De Niro

Bolero

Bernstein

Chapman

Tip-Top

Ravell

Master



Of stallions
currently active

Don Primero

De Niro

Tip-Top

Ravell

Master

Rambo

Bayron

Rubinrot

Briar

Cortez

Rank Show jumping index (top 10) 2006

Of all

Irco Mena

Irco Marco

Cardento

Camaro M

Feliciano

Cortez

Cagliostro

Lucky Light

Aerline H

Dirco Hästak



Of stallions
currently active

Irco Mena

Cardento

Camaro M

Feliciano

Cortez

Cagliostro

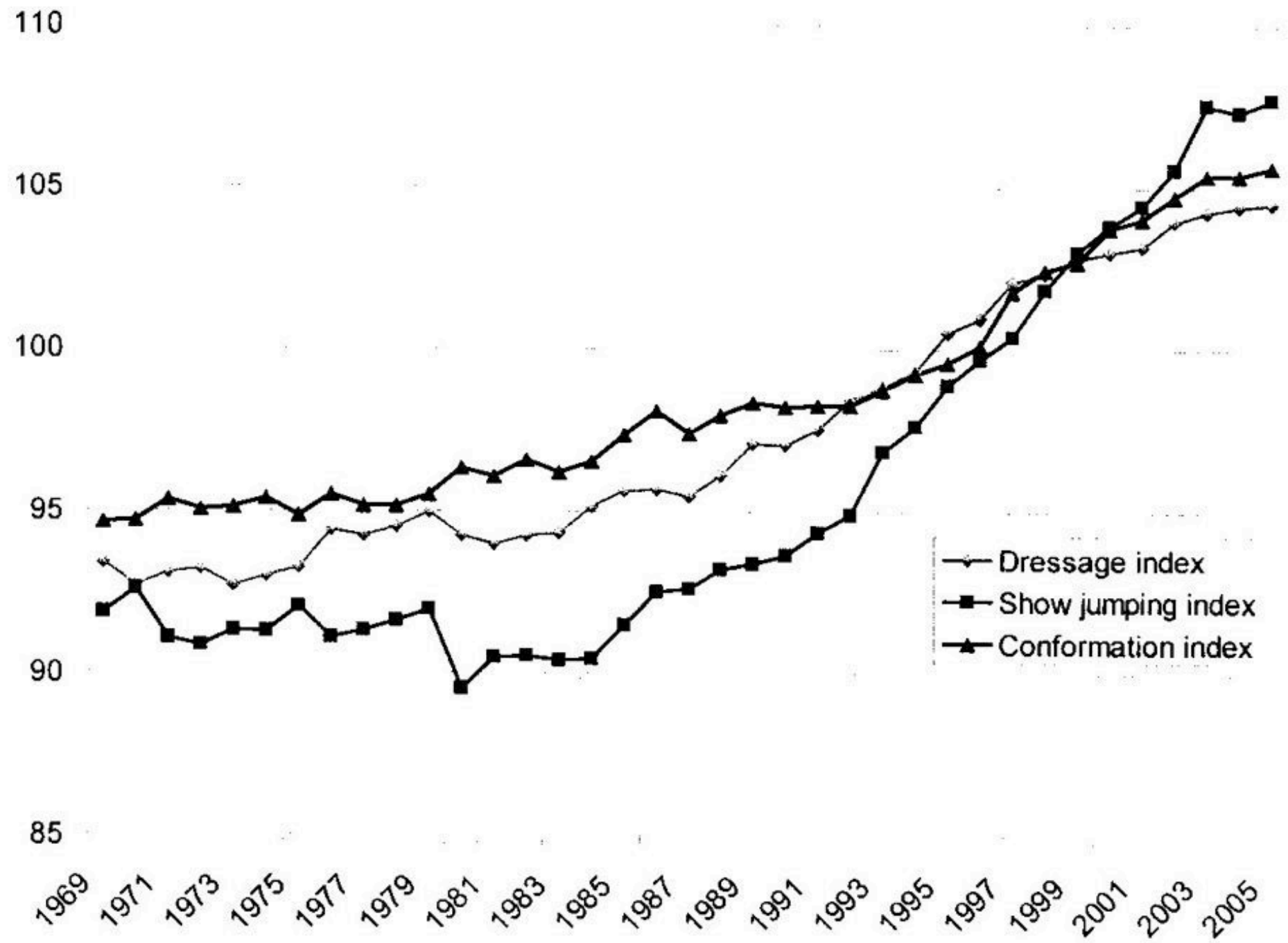
Lucky Light

Aerline H

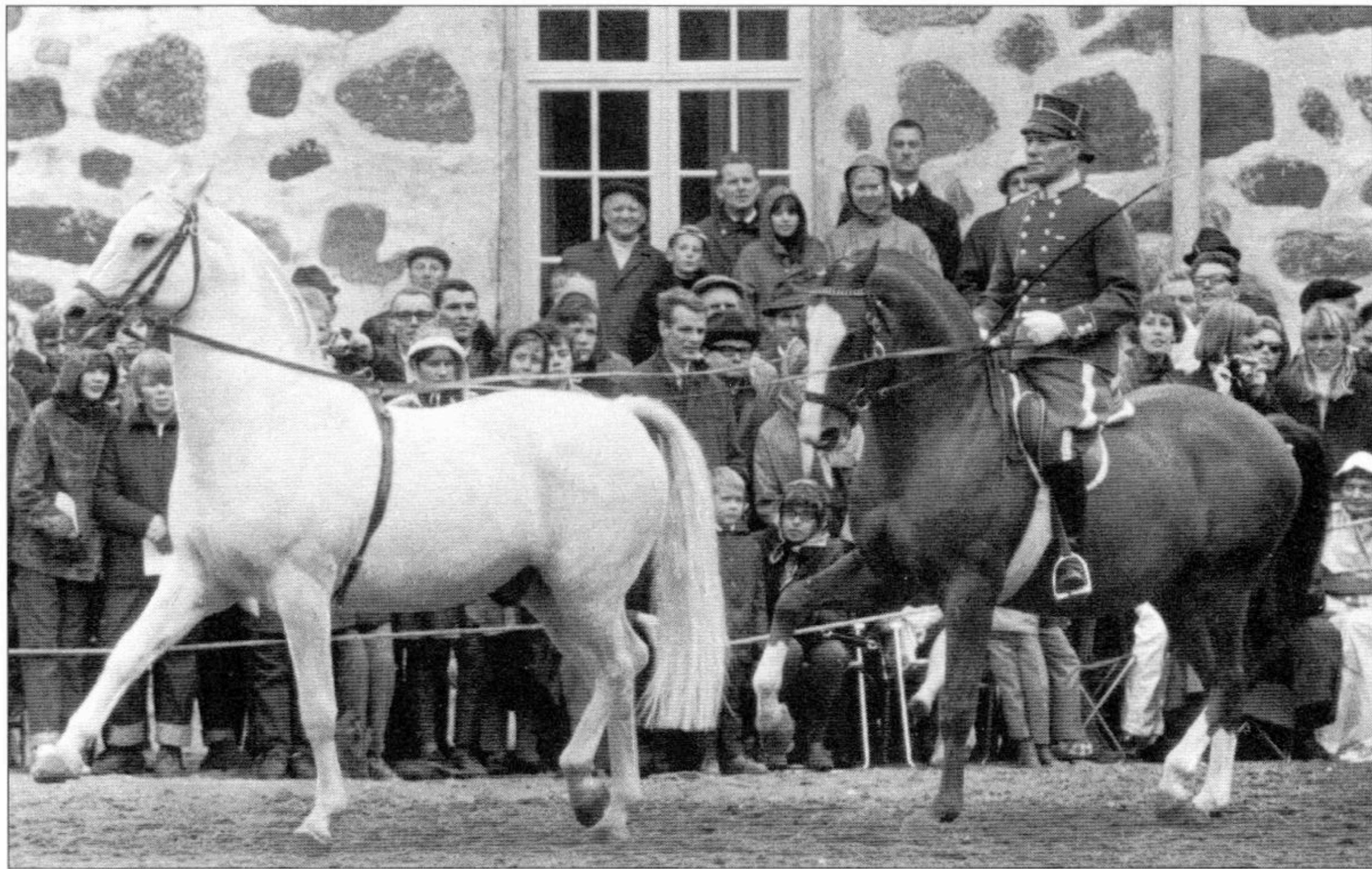
Dirco Hästak

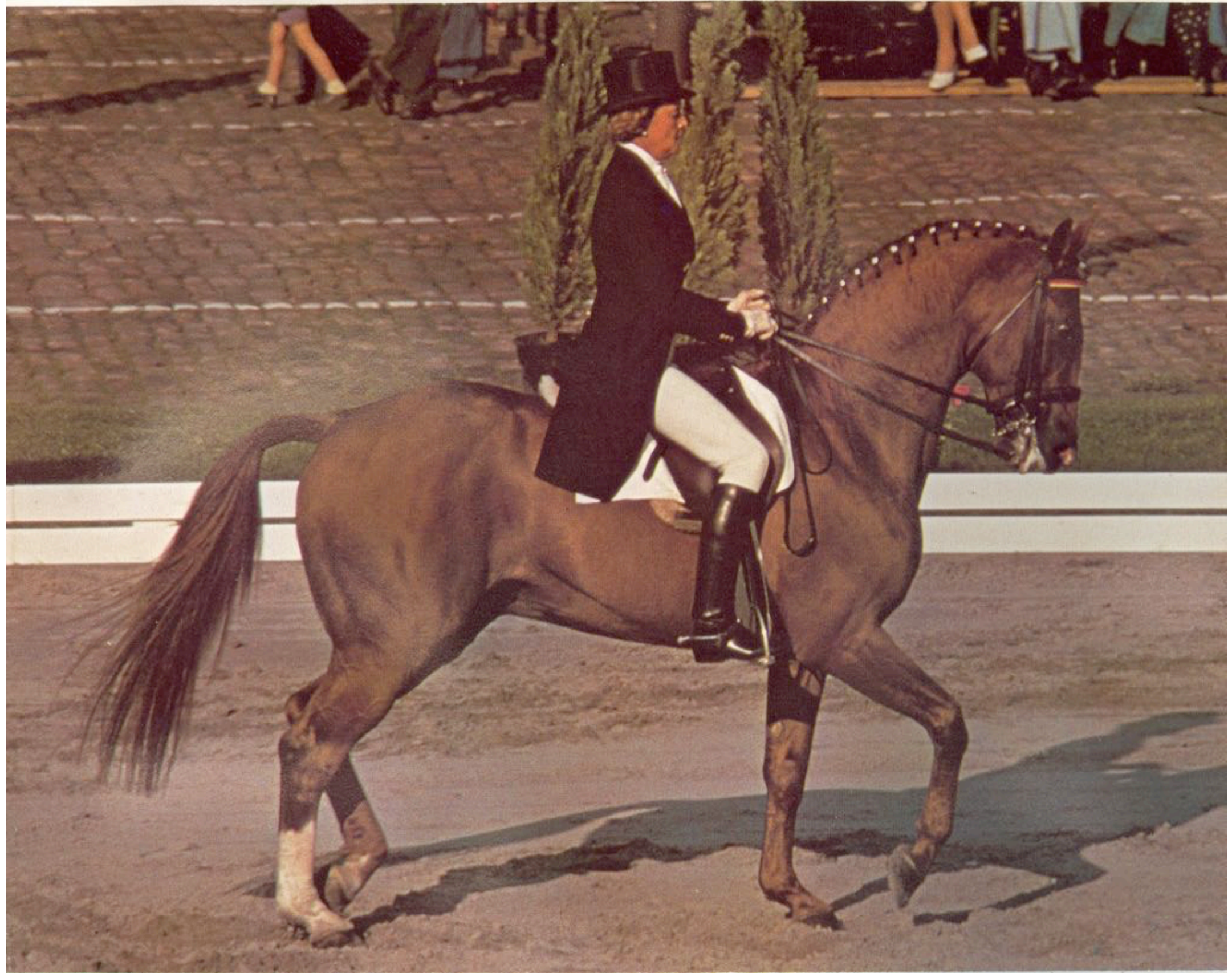
Robin Z

Genetic Progress in Swedish Warmblood breeding



















Irco Marco 662
e. Irco Polo - Sportman



Feliciano 823
e. Irco Marco 662 - Utrillo 432



Lafayette
e. Allegretto 693 - Ceylon 454



Cardento 933
e. Capitol I - Lord



Irco Mena 763
e. Irco Marco 662 - Menelek xx



Jan-Erik Pålsson in action



Guiness 888
e. Dolomit 614 - Elizar



Karuso
e. Rocket 651 - John Splendid

Many of the most successful horses of the last two decades can be traced back by pedigree to one of these legendary sires:
Drabant 315, Gaspari 340,
Ceylon 454 and Chagall 455.

