

www.casetherace.com



CASE User Guide

November 15, 2007

Prepared For
users of casetherace.com handicapping reports

Introduction

CASE The Race provides a unique new set of handicapping data for thoroughbred handicappers of all levels. The CASE handicapping report features data that is generated by using proprietary processes to collect and analyze **equine biomechanic** data. CASE provides the handicapper with **four new parameters** to use when evaluating a race horse, **C**oordination, **A**erobic Efficiency, **S**tride Quality, and **E**ndurance. CASE does not provide the handicapper with a set of “picks”. CASE is a data provider.



We are astounded at the diligence and ingenuity of horseplayers. We know that for every horseplayer there is a methodology, a different and unique way to look at this most challenging puzzle. This is one of the things that make this sport great -- the people that play it. So in terms of determining correlations with the vast amounts of data that are available to a horse player, we think that you, the horseplayer, are the most qualified to draw these conclusions. We believe this data will help you find angles and derive insights simply not possible before.

What Is In This Document

This document contains the following:

- An overview of CASE data collection and analysis.
- A snapshot of a CASE handicapping data report.
- Definitions and statistical data for **C**oordination, **A**erobic Efficiency, **S**tride Quality, and **E**ndurance.
- Frequently Asked Questions

Using CASE Data

We think many Players will be able to come up with their own strategies, and we strongly encourage this, but here are a few ways to approach the data.

Highest Average

For this approach you can use either the Detailed report or the Summary report from CASE. The Summary report will show you just the average. Scan the data and locate the highest number. Circle it and look for the next highest as well.

Highest Last Race Average

In the same approach as above, now focus on the horses with the highest last race average. Locate the top two in the race and circle them.

Highest Index

This approach will require the Detailed Report. Look at the each C-A-S-E column. Scan for the highest ratings in each column. Circle these. Give additional weighting to horses with more than one high rating. The Endurance value often has more winners, but the other values may be better at highlighting long shots.

Other Factors

Trends: This will also require the Detailed Report. Look at the trend in the values for each index. Downward trends should be avoided. Stable or upward trends are positive signs.

Eliminate Horses: Horses with the lowest number on any index are suspect. If they have lowest Average and Endurance scores they can probably be excluded from the pool.

Please check our website for updates and examples.

How is CASE Data Produced?

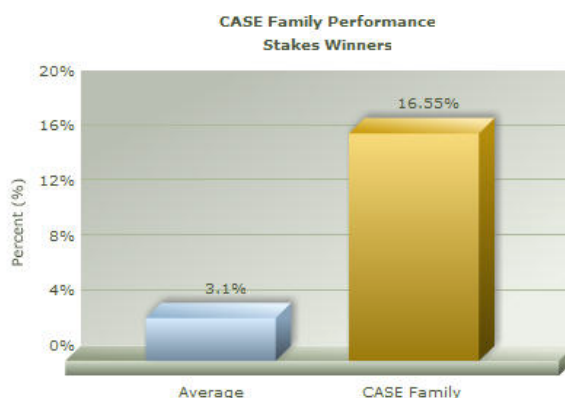
There are three main elements 1) Technology and Approach, 2) Data Collection, and 3) Data Generation.

Technology and Approach

The foundation of CASE is a proprietary equine biomechanic technology that is in the same family as our affiliates have been using **for years**.

Monticule farm and EQUIX Biomechanics are affiliated companies of Case The Race and are pioneers in the field of equine biomechanics. Using proprietary technology, which is the foundation of Case The Race's special handicapping technology, the Monticule farm (using Equix technology) has massively out performed the industry in producing winners.

The performance shown below is derived from a MarketWatch study of the breeding program of Monticule farm (Stakes Winners 16.1% and Graded Stakes Winners 5.5%) and an Equix study conducted over 13 years and including 959 mares and 2,629 foals (Stakes Winners 17% and Graded Stakes Winners 6%).



Data Collection

Though CASE is fundamentally rooted in science and technology, and utilizes advanced hardware and software to produce the data you eventually use; the first step in the process is intensely human. A trained Specialist analyzes, scrutinizes, and pours over a race tape.

Specialists from around the world are employed to do this incredibly detailed analytic work. With over **50 individual observations per horse for each race**, it can take up to **8 hours** for a trained individual to perform their analysis on a single race. Many of our Specialists have spent a lifetime working with horses. And though they are “horse people” through and through, it can still take up to **six months of intensive training** before an analyst can make the critical observations that CASE requires.

Data Generation

Once the data is collected, it is put through a data engine that uses our proprietary model to analyze the data and produce the CASE indices. **An individual horse will generate over 220 variables to populate CASE's unique and distinctive functions, relationships, and statistics** in the process of producing the CASE numbers.

The CASE Report

Two races from the card for DMR on August 22 are shown below. The actual CASE card **includes all the races** for the chosen track on that day.

Coordination

Aerobic Efficiency

Stride Quality

Endurance

01 RACE 01 - DEL MAR			August 22, 2007					
PP	HORSE ENTRY	RACE DETAILS	C	A	S	E	AVERAGE	COMMENT(S)
01	CATBLEWBYU	4/27/07 HOL	80	75	72	29	64.0	
		2/18/07 SA	64	76	65	43	62.0	
		2/2/07 SA	83	74	83	37	69.3	
02	AFLEET'S DESIRE	8/4/07 DMR	77	92	75	102	86.5	
		7/5/07 HOL	76	73	68	52	67.3	
		6/16/07 HOL	80	76	71	101	82.0	
		2/14/07 SA	77	56	63	29	56.3	
		7/6/07 CD	-	71	71	42	-	
03	FINAL STORM	7/6/07 CD	-	71	71	42	-	
04	FAMOUS SECRET	7/19/07 SR	80	92	71	92	83.8	
05	GOLDEN VENTURE	7/12/07 HOL	81	84	72	87	81.0	
		6/23/07 HOL	81	78	71	54	71.0	
		5/23/07 HOL	81	76	75	67	74.8	
06	QUEEN OF THE DERBY	7/25/07 DMR	79	73	78	77	76.8	
		6/23/07 HOL	78	80	77	61	74.0	
		6/8/07 HOL	79	72	80	65	74.0	
		2/8/07 SA	85	78	76	70	77.3	

AVERAGE

There were eight (8) races that day, so a total of eight races would be on the card.

08

RACE 08 - DEL MAR

August 22, 2007

PP	HORSE ENTRY	RACE DETAILS	C	A	S	E	AVERAGE	COMMENT(S)
01	FREE SUSITA		-	-	-	-	-	First Time Starter
02	LUPITA'S PRIDE		-	-	-	-	-	First Time Starter
03	GAMES WE PLAY	7/25/07 DMR	80	51	74	48	63.3	
04	CLEVER LADY	6/14/07 HOL	81	102	68	42	73.3	
		5/23/07 HOL	80	76	78	88	80.5	
		5/10/07 HOL	59	75	92	40	66.5	
05	HI LILY HI LO	8/9/07 DMR	81	74	74	73	75.5	
		7/19/07 DMR	78	74	66	49	66.8	
		6/23/07 HOL	76	75	69	35	63.8	
		6/2/07 HOL	80	75	83	79	79.3	
		5/10/07 HOL	80	72	84	63	74.8	
		4/28/07 HOL	80	83	84	88	83.8	
06	SUNSET TIJUANA		-	-	-	-	-	First Time Starter
07	QUEEN OF THE I. E.	7/8/07 HOL	81	89	83	72	81.3	
08	MISS LISSY T		-	-	-	-	-	First Time Starter
09	DINNER AND A DANCE		-	-	-	-	-	First Time Starter
10	BOUQUET FOR NORMA		-	-	-	-	-	First Time Starter
11	WARREN'S SILLYCAT	4/4/07 SA	80	74	73	-	-	
12	MANGYAN MODEL	7/30/07 DMR	77	61	71	68	69.3	
AE	OH THE JOY	8/9/07 DMR	79	76	69	67	72.8	
AE	VEGAS RUNNER		-	-	-	-	-	First Time Starter

Comments

We do not have data for First Time Starter, and some foreign horses.

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Coordination

When we measure Coordination we measure ***the efficiency of the horses' movement*** – efficiency of movement can *preserve* and *focus* energy, allowing the horse to translate more of their potential on that day into a good result.

When you are analyzing the Coordination index, you might want to review this data regarding the population of Coordination data in our database.

“C” - Statistics

Average	78
Minimum	21
Maximum	107
STD Deviation	5.6

“C” - Distribution

90+	3%
80 - 89	17%
75 - 79	62%
70 - 74	11%
60-69	5%
< 69	1%



Aerobic Efficiency

When we measure Aerobic Efficiency we are looking at ***the efficiency of a horses' breathing*** (the effort required to breathe versus the amount of air inhaled). Supplying oxygen and removing carbon dioxide are crucial elements in determining the success of any many athletic endeavors but especially horse races.

When you are analyzing the Aerobic Efficiency index, you might want to review this data regarding the population of Aerobic Efficiency data in our database.

“A” - Statistics

Average	76
Minimum	12
Maximum	109
STD Deviation	12

“A” - Distribution

90+	13%
80 - 89	11%
75 - 79	28%
70 - 74	32%
60-69	9%
< 69	8%



Stride Quality

When we measure Stride Quality we are building on the industry standard measure of stride length and taking this to a new level, utilizing more factors to provide a measure of ***the effectiveness and efficiency of stride, not simply how long it is.***

When you are analyzing the Stride Quality index, you might want to review this data regarding the population of Stride Quality data in our database.

“S” - Statistics

Average	75
Minimum	12
Maximum	113
STD Deviation	12

“S” - Distribution

90+	7%
80 - 89	25%
75 - 79	19%
70 - 74	19%
60-69	22%
< 69	8%



Endurance

When we measure Endurance we are measuring ***the competitiveness of a horse's effort*** on that day, often referred to as “heart” or “gameness”.

When you are analyzing the Endurance index, you might want to review this data regarding the population of Endurance data in our database.

“E” - Statistics

Average	60
Minimum	8
Maximum	106
STD Deviation	23

“E” - Distribution

90+	11%
80 - 89	14%
75 - 79	7%
70 - 74	7%
60-69	13%
< 69	48%

FAQ's

Below are some frequently asked questions. These were submitted by users like you on our website, www.casetherace.com. Please ask a question!

Q. Should young horses (2 and 3 year olds) which are being trained and learning show improving ratings over time? A related question, should the \$8,000 claimer and the GS1 contender have similar ratings?

A. Horses that are 2 or 3 are still growing; and yes, based on that fact, we should see changes (both up and down). The fact they are young and learning is pertinent, but not determining. Class is a different subject than Athletic Indices. In essence, each race is written as a test (who can endure the particular challenges of track type, weather conditions, distance, and Class – maiden claimers to G1). The CASE indices tell you how well the horse's basic athleticism endured the race.

Q. Is there any info you can provide about how you measure coordination, aerobic efficiency, stride quality, endurance?

A. We analyze race video and use a proprietary approach that captures numerous measurements that make up each rating.

Q. How should I bet with CASE?

A. One answer is provided by an early tester of CASE data. "I personally tend to mainly play the pick 4. I have found that the best use for me is to use my traditional handicapping method which involves many factors such as the Beyer, projected pace, success at distance, jockey/trainer, recent form, and workouts etc. Then I cross reference the CASE report and include horses that have the highest ratings that I overlooked. This has pointed me to horses I wouldn't have played and I've landed a couple of long-shots this way. I have also noticed that the highest rated horses hit the board quite often. I don't personally play trifectas or superfectas, but I think that the

CASE data would be very helpful for these players to find live longshots not only for the Win but underneath as well.”

We would love to hear how you are using CASE data, please share your story with us. As we have said before, we are astounded at the ingenuity of horseplayers, and we would be very interested to know how you are using the data.

Q. Is your analysis all thru race replays or do you set up cameras at the race track?

A. The measurements are all captured through replays.

Q. Do you video workouts for fts?

A. This would be of great value and take a lot of the mystery out of these races. We will investigate possibilities of doing this, but currently we do not.

Q. Do you physically measure the horses heart patterns (ultrasound) like your sister company does when vetting the horse prior to recommendation at the sales?

A. There are no cardiovascular measurements used in our process.

Q. Will this be available for all tracks?

A. Our product will initially be available only for California racetracks. We will be adding additional tracks in the future as we build up our database.

Q. Do you have archive data for prior horses for purchase where I can measure the current horses with past horses?

A. We do not currently have a plan to have data for prior horses available. This may be a product focus for future Case The Race data products (initially California focused).

Q. How much will it cost per card or are you going to charge by month, year, meet, etc...

A. Our prices have not yet been set. The initial launch will be limited to California tracks with additional tracks being added as soon as possible. Please check our website shortly for more information.