



MMTA Course Three – Geocosmic Correlations to Primary and Trading Cycles in Financial Markets



**Designing a Study to Measure the
Correlation of Geocosmic Signatures to
Trading Cycles in Financial Markets**
Module Lesson Two



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The objective of this lesson is to design a study that will measure the correlation (if any) between geocosmic signatures with trading cycle troughs and crests in financial markets

Similar to Course 2's project

In this lesson, you will learn the following:

1.) Measurement of relative strength

2.) Measurement of consistency

3.) Allowable orbs

4.) The C/S index for trading cycles

The main difference between the C/S values used in Course 2 and those of Course 3....

Trading Cycles and Relative Strength

For this study, the “relative strength” (‘S’) of trading cycles are assigned a value of 1-5 based on the following cycle types, as discussed in Volume 3, page 15

- **Primary or greater cycles** **5.00**
- **Double top or bottom to primary cycles** **4.50**
- **Half-primary cycles** **4.00**
- **Double top or bottom to half-primary cycles** **3.50**
- **Major cycles** **3.00**
- **Double top or bottom to major cycles** **2.50**
- **Major cycle corresponding to < 4% reversal** **2.00**
- **Trading cycle corresponding to > 4% reversal** **2.00**
- **Trading cycle corresponding to < 4% reversal** **1.00**

Planetary Aspects, Stations, and Consistency Values

“Consistency” (‘C’): percentage of instances in which an acceptable trading cycle (includes trading, major, half-primary, and primary types) unfolds within an allowable time band, multiplied by 5

If a trading cycle unfolds 12 of 15 times, then its Consistency value will be:

Planetary Aspects, Stations, and Consistency Values

$$\textit{Consistency} = \frac{12}{15} \times 5, \text{ or } 4.0$$

The C/S Value (actually, it is C+S value)

Consistency and Relative Strength – added together

Index: 0-10.00; 10 is strongest

The Structure of Reporting C/S Values of Planetary Aspects Correlating to Long-Term Market Cycles

Start with the title of the aspect or station

Followed with a simple chronological listing of the dates of each aspect or station (titled Dates)

Type of cycle that occurred nearby to this date (titled Cycles).

VENUS-PLUTO

Conjunction (0°)

Dates

Cycles

1. Aug 22, 1978

$\frac{1}{2}$ -PT (-3), $\frac{1}{2}$ -PB (+7)

VENUS-PLUTO

Venus-Pluto conjunction example

1/2 - primary cycle crest

1/2-primary cycle trough

VENUS-PLUTO

List the strongest cycle crest and/or trough that occurs within 10 trading days

Orb may be expanded as much as 12 or even 15 trading days, or reduced to 8 days or less

VENUS-PLUTO

Marking the relative strength of greatest cycle involved within an orb of 8-12 days

Second column reflects the strongest cycle that occurred within 4 trading days.

For example, in the case of the Venus-Pluto conjunction given above, the suggested marking would be as follows:

VENUS-PLUTO

	Dates	Cycles	Longer	< 4 days
1.	Aug 22, 1978	½-PT (-3), ½-PB (+7)	4	4
2.	Oct 2, 1979	PT (+3), TB* (-1)	5	5

The asterisk (*) next to TB means it was the start and end to a 4% or greater reversal.

VENUS-PLUTO

Format for reporting (calculating) the weighted values

Break down each market cycle for each planetary aspect or station date

The actual structure will be as follows:

VENUS-PLUTO

In the **results** category, three sections appear, as shown below

Results (+/- days)	Realtive Strength	Consistency	C/S Value
All			

VENUS-PLUTO

Cycle Types	Crests	Troughs	Either/Or	Variance
4-year or > 50-week or > Primary Half-primary Major >4%				

VENUS-PLUTO

- Percent of time 50-week or greater cycle occurred +/- x days
- Percent of time primary or greater cycle occurred +/- x days
- Percent of time primary or greater cycles occurred +/- x days (less days than above)
- Percent of time $\frac{1}{2}$ -PC or greater cycle occurred +/- x days
- Percent of time major or greater cycle ($>4\%$) occurred +/- x days
- Percent of time a trading cycle or greater cycle ($>4\%$) occurred +/- 4 trading days

VENUS-PLUTO

Three issues of importance:

First, determine the C/S value of each aspect within a specific orb of time.

Second, determine percentage of time the market corresponded to a primary or greater cycle within 'x' trading days, as well as

Third, determine percentage of the time it corresponded with a 4% or greater reversal within only 4 trading days

VENUS-PLUTO

Study on shorter time frames?

VENUS-PLUTO

Develop trading strategies when that particular signature unfolds in the future

MMTA's methodology is based on these types of probabilities, which are calculated on historical correspondences to cycle culminations

VENUS-PLUTO

In the **results** category, three sections appear, as shown below

Results (+/- days)	Realtive Strength	Consistency	C/S Value
All			

Relative Strength

Value of each cycle type that occurred nearby to the aspect date. The cumulative total is added, then divided by the number of instances in which a cycle occurred

The cumulative total is added, then divided by the number of instances in which a cycle occurred

Only the strongest cycle values are applied for the “All” row

Relative Strength

Add up all the Relative Strength values (the highest value) that occurred with each instance of the signature

Relative Strength

Divide that total by the number of instances in which a cycle occurred.

Remember: the division of the total is by the number of instances in which each type of cycle occurred.

Relative Strength

The Relative Strength value from 0.00 to 5.00

A value of 5.00 means...

A value of 0.00 means...

Consistency ('C')

Only the number of instances in which any cycle occurred nearby to these dates is used

Divide it by the total number of dates in which the aspect occurred, and multiply by 5

Consistency ('C')

Multiply that percent or decimal by 5.

In this case, $5 \times .85 = 4.25$. The Consistency value in this illustration is 4.25

The Consistency value in this part of the study will be anywhere from 0.00 to 5.00

C/S Index

End of row marked C/S Index.

Total is derived by adding the Relative Strength ('S' value) to the Consistency ('C' value) on each line

The result should not be greater than 10.00.

C/S Index

Value of 9.40 or greater will have a strong correlation to a primary cycle. However, our formal definition would be a 66.7% or greater correlation to primary cycles, which is indicated in the next section

Formal definition would be a 66.7% or greater correlation to primary cycles

Best to see both criteria met for the strongest of the Level 1 signatures

Cycle Types

Count the number of instances that various cycles occurred with the particular signature being studied

This section of the study looks like this:

Cycle Types

Cycle Types	Crests	Troughs	Either/ Or	Variance
4-year or > 50-week or > Primary Half-primary Major >4%				

Cycle Types

The top row is titled “Cycle Types.”

Columns titled “Crests,” “Troughs,” “Either/or,” and “Variance.”

“Crests and “Troughs””: count the number of times in which a cycle crest or trough occurred; indicate that number in the column below it, as it pertains to the various cycle types listed

Cycle Types

Under “Either/or,” : number of times in which a cycle occurred.

Under “Variance,” we will indicate the orb allowed for these counts in that row

What is the shortest and longest orb from the date of the aspect in which this cycle – as counted under “either/or,” occurred? Identify cycles that occur within 8 days of a signature, and in some cases perhaps 10-12 days either side of the signature

Cycle Types

Ideally conduct two or more studies based on difference orbs of time, or variance, from the date of the geocosmic signature.

There may be a long time band containing several geocosmic signatures. Perhaps the one we are analyzing occurs at the start of this “cluster.”

Market turn might not be until the middle of the cluster, which could unfold 10 trading days after the particular signature being studied.

Cycle Types

Seems far removed from the actual reversal date, but still considered.

Under “Cycles Types,” column: List of cycles we want to count.

We want to know how many times a 4-year or greater cycle occurred nearby to this geocosmic signature

Our main interest is in the column titled “Either/Or.” Any short-term geocosmic signature that has a 30% or greater correlation to a 4-year or greater cycle should be noted

Cycle Types

Next column is titled “50-week or >.” : How many times a 50-week or greater cycle occurred nearby to this geocosmic signature.

Any short-term geocosmic signature that has a 30% or greater correlation to a 50-week or greater cycle should be noted, especially over 35%.

Cycle Types

Next column is titled “Primary.” : How many times a primary or greater cycle occurred nearby to this geocosmic signature?

When this count is added to the previous two cycle columns and the result is over 66.7%, that is significant.

We will label that a Level 1 signature.

Cycle Types

The next lines are titled “Half-Primary” and “Major.”

Provided for the purpose of seeing which signatures have a higher correlation to phases of a primary cycle than to the primary type itself

Calculations can then be made as to the probabilities (in percentage terms) of certain cycles occurring in the future under each signature

Cycle Types

- Percent of time 50-week or greater cycle occurred +/- x days
- Percent of time primary or greater cycle occurred +/- x days
- Percent of time primary or greater cycles occurred +/- x days (less days than above)
- Percent of time $\frac{1}{2}$ -PC or greater cycle occurred +/- x days
- Percent of time major or greater cycle ($>4\%$) occurred +/- x days
- Percent of time a trading cycle or greater cycle ($>4\%$) occurred +/- 4 trading days

Cycle Types

Under, “Percent of time 50-week or greater cycle occurred +/- x days,” we take the number of times a 50-week or greater cycle occurred, and divide it by the number of instances studied

This gives us a percent, or “rate of frequency” for this signature’s correlation to 50-week or greater cycles

Simply an addition of the number in the “4-year or greater cycles’ column” to the number in the “50-week or greater cycles” column

Example: Look on page 255 of Volume 3, for the study on the Mars-Saturn waxing square

Cycle Types

Under **Cycle Types**, in the column **Either/Or**, you will see there were four instances of 4-year or greater cycles within an orb of 4-10 days

Six cases of 50-week or greater cycles within an orb of 2-11 days, and 10 cases total of cycles greater than 50-weeks and/or 4-year cycles

Only 20 cases observed in this study, which means the rate of frequency of a 50-week or greater cycle nearby to a Mars-Saturn waxing square was 50%.

Cycle Types

80% correlation to primary or greater cycles, as can be seen in the row titled **Percent of time primary or greater cycle occurred +/- 11 days: 80%**.

If a variance of only 9 days was used, the rate of frequency was still a very high 70%.

Cycle Types

The last line in this part of the study: **Percent of time a trading cycle or greater cycle (>4%) occurred +/- 4 trading days**

Traders want to know just how reliable each signature is to a reversal of some sort within a very short amount of time, like within 4 trading days.

Go back to the time of each aspect and see if that filtered wave ended (and a new one began) within 4 trading days

Cycle Types

If it occurred at least 70% of the time, it is considered a reliable signature for at least a short-term reversal, if not a cycle culmination itself

Mars-Saturn waxing square: a 4% or greater reversal took place in 13 of the 20 cases studied, or 65%, which is relatively reliable

Just shy of our preferred 70% correlation.

MARS-SATURN WAXING SQUARE, FROM PG 255 VOLUME 3, STOCK MARKET TIMING

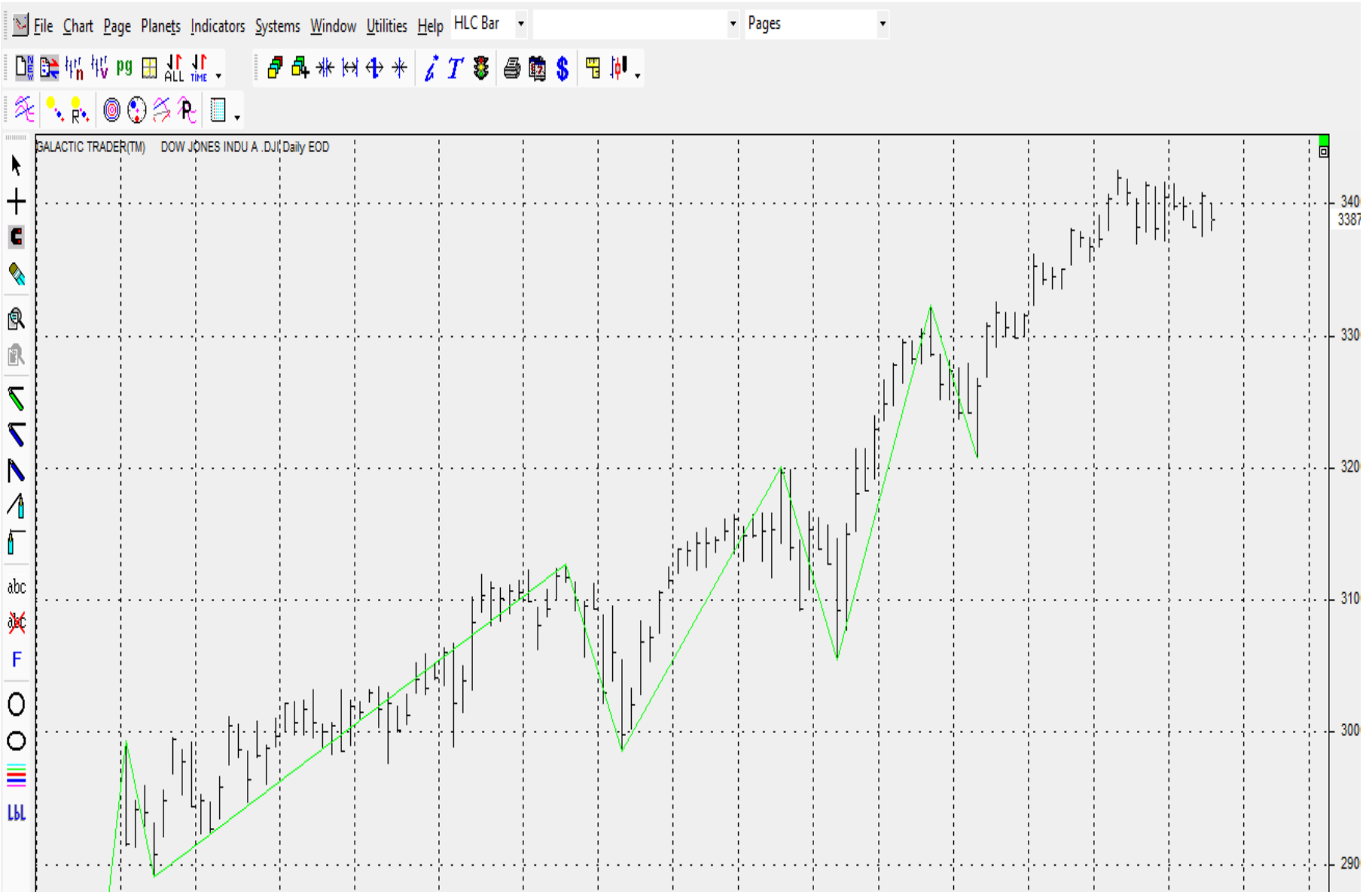
MARS-SATURN WAXING SQUARE

Cycle Types	Crests	Troughs	Either/or	Variance
4-year or >	1	3	4	4-10 days
50-week or >	2	5	6	2-11 days
Primary	3	4	6	3-11 days
Half-primary	0	2	2	0-6 days
Major >4%	1	1	1	1-5 days

Percent of time 50-week or greater cycle occurred +/- 10 days	20%
Percent of time primary or greater cycle occurred +/- 11 days	50%
Percent of time primary or greater cycles occurred +/- 11 days	80%
Percent of time primary or greater cycles occurred +/- 9 days	70%
Percent of time primary or greater cycle occurred +/- 8 days	65%
Percent of time ½-PC or greater cycle occurred +/- 8 days	80%
Percent of time a TC* or greater cycle occurred +/- 4 trading days	65%

Cycle Types

On the chart follows, you can see an example of how FAR for the Galactic Trader can measure 4% or greater reversals. The chart shows lines of where 4% or greater moves began and ended



Cycle Types

It is easy to go back and see if a 4% reversal occurred within 4 trading days of any geocosmic signature. All we need is the date of the signature, and a filtered wave graph of 4% or greater reversals, like the one above

QUIZ #2

DESIGNING THE C/S STUDY FOR PRIMARY CYCLES

1.) In the MMTA methodology for measuring the strength of trading cycles, what is the value assigned to the following cycles:

Primary or greater cycles

Double top or bottom to primary cycles

Half-primary cycles

Double top or bottom to half-primary cycles

Major cycles

Double top or bottom to major cycles

Major cycle corresponding to $< 4\%$ reversal

Trading cycle corresponding to $> 4\%$ reversal

Trading cycle corresponding to $< 4\%$ reversal

2.) If a trading cycle (primary, half, major or regular trading cycle) unfolded in 75% of cases of a particular geocosmic signature within an allowable orb, what would its Consistency (C) value be?

3.) In point 2 above, what would the C/S value be if its relative strength (S) was 4.37?

4.) What are the two criteria that define the strongest Level 1 signatures?

5.) What is the C/S value needed to be at least a Level 2 signature?

6.) How do you calculate the relative strength (S) value of a geocosmic signature?

End of Module Lesson

Break