Exploring and Testing Predictive Modeling of Political Behavior using Vedic Astrology: From Planetary Positions to Artificial Intelligence

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ARTICLE DETAILS

ABSTRACT

The current study was conducted to assess the impact of planetary influence on Politicians. The data samples for Indian and USA parliamentarians were compiled and tested for significant P-values. Further the Michel Gauquelin compiled politician's data was also included in study. The quantative research highlights qualitative results of planetary position in array of statistical sequence of significance along with houses (planetary position), shadbal (planetary strength) and aspect relationships. The research results have upheld the Vedic Astrology theory of Sun as *Karkatva* for politicians, cementing that the seers used organized mathematical system to develop Vedic Astrology. This is also evident in results of system model fitness which gave an optimal polynomial function of order 4 and regression fit (R^2) Value of 0.97. The cumulative predictive model is scalable and replicable with huge potential of development into algorithms for artificial intelligence platforms.

Introduction

The intersection of politics and astrology has been a recurring theme throughout history, with astrology often playing a significant role in political decision-making and strategy. While astrology has been a subject of profound investigation within the realms of astrological scholarship, it has garnered limited attention from political historians. This dearth of enthusiasm from the latter stems from the perception of astrology as irrational, superstitious, and bereft of methodological rigor, often dismissing correlations between astrological events and politics as inconsequential.

One of the key reasons for this disconnect between astrology and political scholarship can be attributed to the scarcity of quantitative evidence and the lack of standardization in the accuracy of predictions across various astrological systems. Nevertheless, astrological studies have illuminated a tangible connection between astrology and the formulation of political strategies throughout history. Astrologers and their relationships with rulers were built upon trust and tradition, with astrological methodologies shaping the very foundations of political decision-making.

Astrological calculations extended beyond strategy, serving as a means to foresee and safeguard the physical well-being of rulers and ministers. Moreover, astrology fortified kingdoms against external threats while fostering continuity in leadership transitions. It is a common misconception that rulers disregarded astrological counsel, particularly when it pertained to adverse predictions such as death or loss. In reality, such indifference was restricted to unwelcome forecasts, leading astrologers to temper their predictions to maintain favor.

Notably, astrology's influence during the seventeenth century witnessed a dynamic interplay between philosophers, scientists, radical thinkers, warlords, and political figures, significantly shaping astrology's authenticity and credibility. This period underscored not only the profound impact of astrology on politics but also the reciprocal effect of politics on the legitimacy of astrology.

In historical contexts, Indian astrologers, referred to as "RajJyotishis," served as personal advisors to kings and played pivotal roles in policy formulation. Their contributions transcended prediction, encompassing invaluable counsel to rulers and aspirants seeking proximity to power. Today, the landscape has evolved, with politicians at the helm of states. In this evolving political environment, it becomes imperative to explore the transformation astrology may have undergone.

This research, grounded in the Vedic system of astrology, seeks to scientifically delineate the influence of celestial bodies in shaping the profile of a politician. It dispels doubts surrounding the validity of the Vedic system, particularly when utilizing the sidereal zodiac with chitrapakshi ayanamsa. The findings generated by this research are standardized, offering replicable foundations for mathematical modeling. They provide insight into the structured underpinnings of the Sidereal/Vedic System of Astrology, shedding light on its enduring relevance in the context of contemporary politics.

The Experiment

In Vedic classical astrological texts ,viz Brihat Prashara Hora Shastra, Jatak Parijat, Phaldepika amongst others, 'rajyogas' a n d ' m a h a y o g a s ' define the essential attributes of planets and signs which influences towards becoming a 'King' or 'his minister'. Therefore, the study generates the evidences and tests planetary relationships that are important for this era. The research started in 2013 with an objective to understand the planetary relationship of a person for becoming a politician with following hand in hand approach of science:

1. To test the relations and correlations through scientific and mathematical tools

2. To understand the planetary relationship defined by Vedic seers and its essence today

An individual, who has been a minister or member of parliament (Indian Parliament/USA Congress) for more than one term, has been defined as a Politician in the sample data for reducing marginal errors.

Materials and Methods

Ceyone Consultants LLP, Chandigarh compiled the data from two countries: INDIA and USA. Michel Gauquelin politician's data available at astrodata bank was also used for the comparative analysis. The data was collected online and was crosschecked through different sources. The selected and filtered data finally comprised of 121 Indian, 71 USA politicians and Gauquelin data of 1002, mostly European politicians.

Astrology softwares were used for drawing horoscopes and Excel stats, Minitab and R softwares were used for data analysis. The data was distributed and organized to analyse the influence of nine planets (Sun , Moon, Mars , Jupiter, Mercury, Venus, Saturn , Rahu and Ketu) and ASc on the zodiac, *Bhavas* (houses)*, shadbal (strength) , Drishti* (aspects) and *Yuti* (Conjunctions).The individual distributions in Indian and USA politicians were analyzed in detail for generating the ideal condition required for

becoming a politician. The exercise culminated with a cumulative model being developed.

Next, the required statistical tests to determine the significance of influence on above mentioned parameters were performed, these included probability plots at confidence intervals for P-values, AOVA analysis for understanding the impact of one or more factors of different samples and correlation factors among them. Further mathematical modelling was done to test the fitness of data results in terms of R^2-Value. Finally a functional equation was established to determine the relationship of different astrological parameters for Politicians.

Results and Discussion

1. **Selection of Significant Sample for Study**

We have four samples: India, USA, Gauquelin and CumulativeFreq (cumulative of all three samples).

To understand the most significant sample we performed ANOVA analysis which gives us P values with comparison to F-value and Tukey Pairwise comparisons to find if any sample significantly represents the other or are similar. Here we are looking for P-Value less than 0.05 for significance and similar letters in groups.

ANOVA: CUM FREQ, IDEAL-IND, IDEAL-USA, and IDEAL- GAU

Method

Null hypothesis	all categories are equal				
Alternative hypothesis	At least one is different				
Significance level	α = 0.05				

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Factor	3	117.88	39.292	18.28	**0.001**
Error	36	77.38	2.150		
Total	39	195.26			

Tukey Pairwise Comparisons

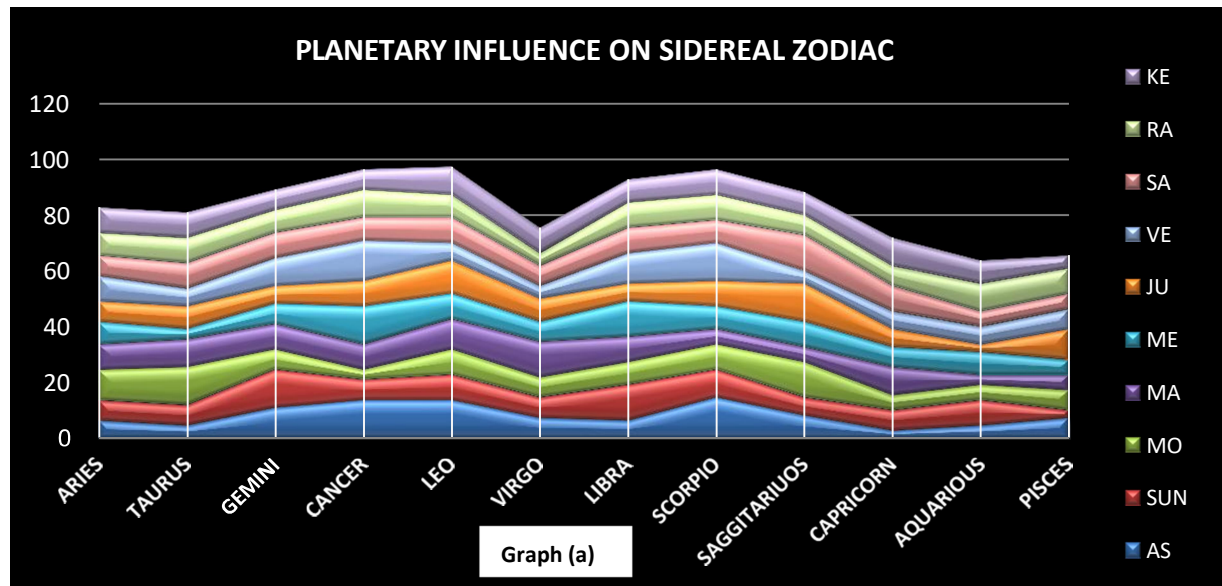| Factor	N	Mean	Grouping
IDEAL-USA	10	15.480	A
Cum Freq	10	12.996	B
IDEAL-IND	10	12.880	B
IDEAL- GAU	10	10.629	C

Individual confidence level = 98.93%

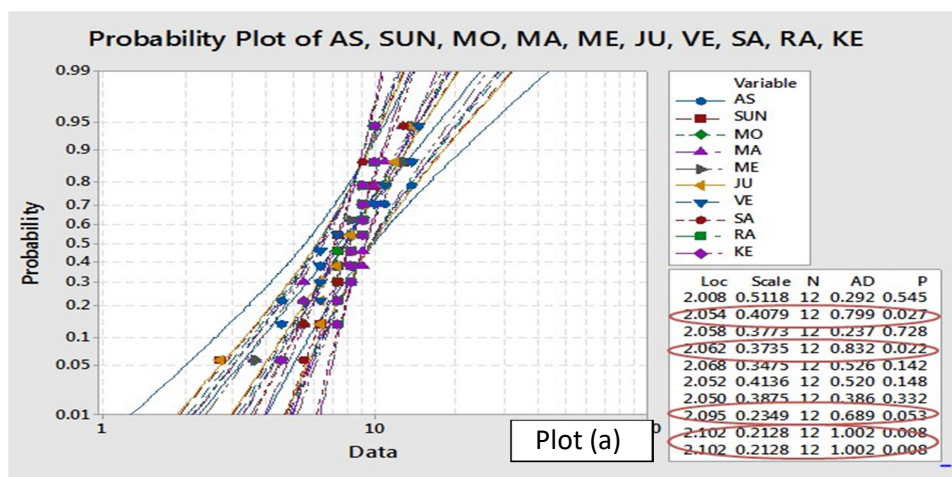*Groups that do not share a letter are significantly different.

Here P value=0.001, which is highly significant. Thus the samples will produce significant results. Also turkey analysis results suggest that cumulative freq sample is highly significantly similar to our Indian sample. This implies that we could use either of these to determine the planetary influence on politicians in our study.

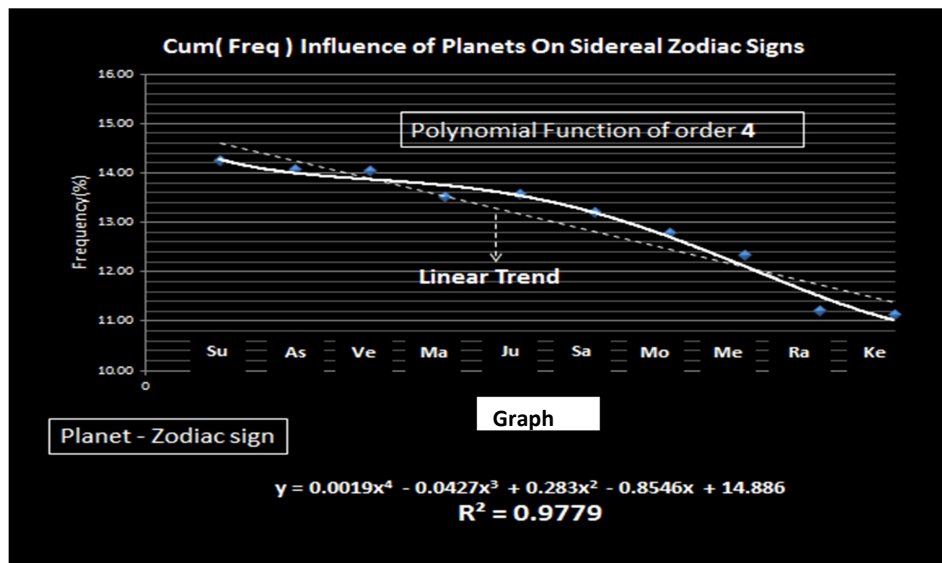Let us now move to the planetary influences on variable parameters.

2. Planetary Influences on Sidereal Zodiac Signs

Graph (a) suggests that **Cancer, Leo, Libra** and **Scorpio** are the most influenced in sidereal zodiac with **Pisces, Aquarius** and **Virgo** as the least.

Further Plot (a) suggests that in this influence most significant contribution comes from **Su, Ma, Sa, Ra** and **Ke** that will help in predictions when combined with the most influenced signs mentioned above.
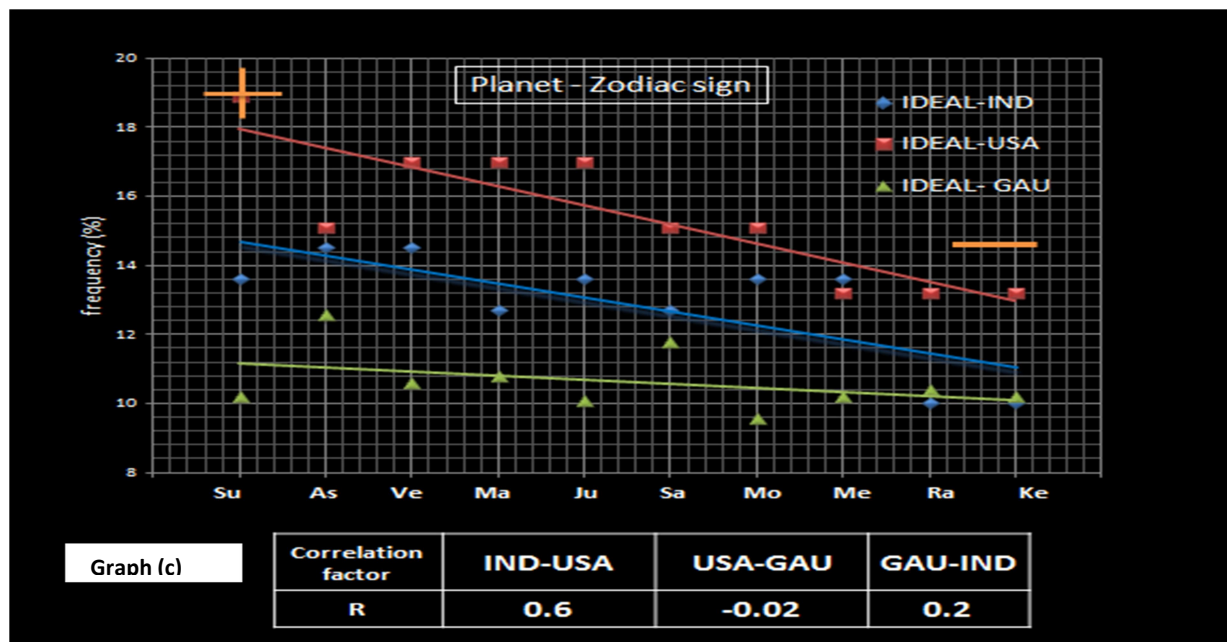
Cum(Freq) Influence of Planets On Sidereal Zodiac Signs

$$y = 0.0019x^4 - 0.0427x^3 + 0.283x^2 - 0.8546x + 14.886$$
$$R^2 = 0.9779$$

To sort out the order of influence of planets on zodiac signs to be a politician, regression model was used on cumulative frequencies to develop mathematical expression which is possible only if the system is actually organized and structured.

In Graph (b), the system of influence of planets on sidereal zodiac using Vedic Astrology shows a well-defined descending order of polynomial function of order 4 that influences planets. Sun being the most impactful followed by AS, VE, MA, JU, SA, MO, ME, RA, KE.

Here the system fits with a very high value of R^2=0.9779 that suggests the high systematic approach hidden in the system. This also suggests that Su being stated as Karaka for politicians/Kings is not just a random selection. The model is also able to generate a mathematical relationship in form of an equation, which represents the calculated order in the planetary distribution.
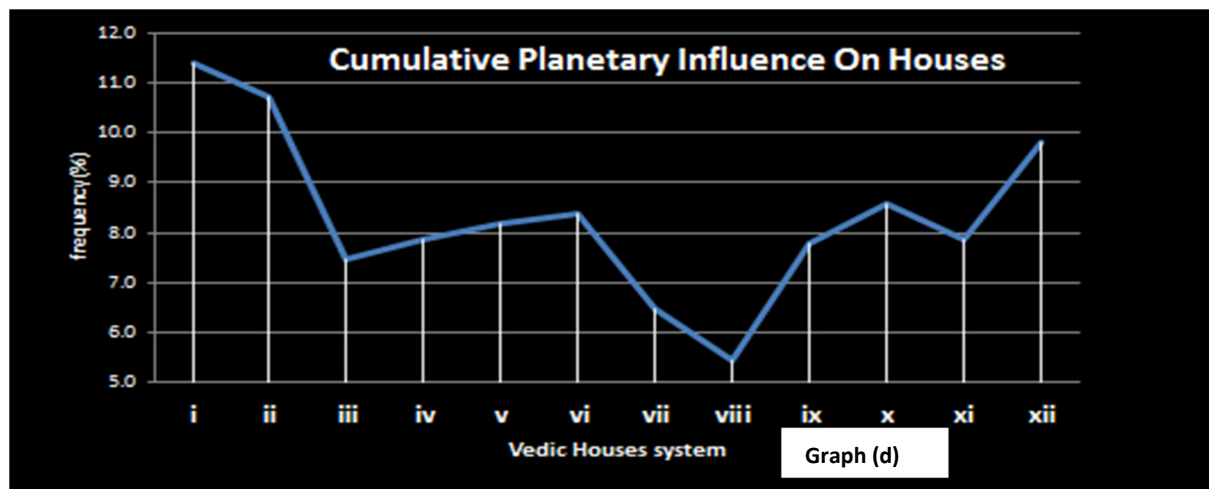
Comparative Analysis

Sample data sets were compared to understand the planetary influence shifts in India, USA and Gauquelin compiled data and correlation factor was estimated for them.
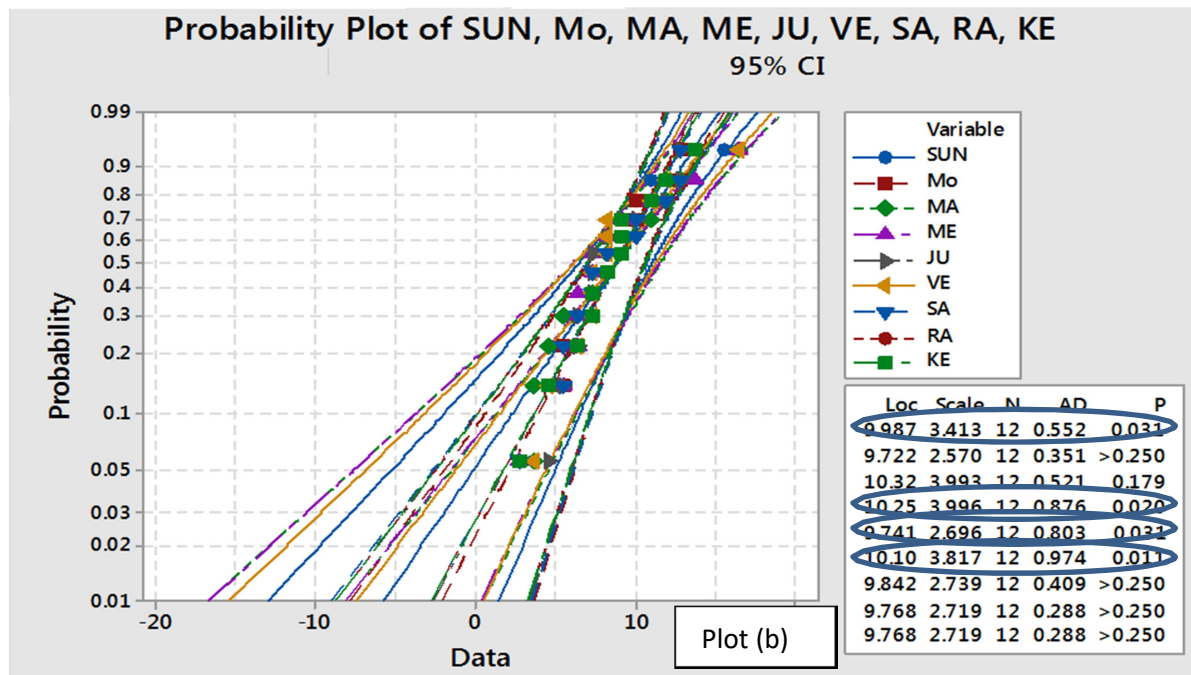
Graph (c)

Correlation factor	IND-USA	USA-GAU	GAU-IND
R	0.6	-0.02	0.2

Correlation factor R for India and USA is appreciable and can been seen in graph(c) , the slopes travel from positive(+) to negative(-), slopes of Indian and USA politicians is quiet parallel suggesting that the ideal condition for India would yield around 60 per accuracy for USA. This construes that the ideal conditions vary with planetary influence on zodiac for politicians of different countries and this may be inferred to as the philosophical differences between the nations and their politics.
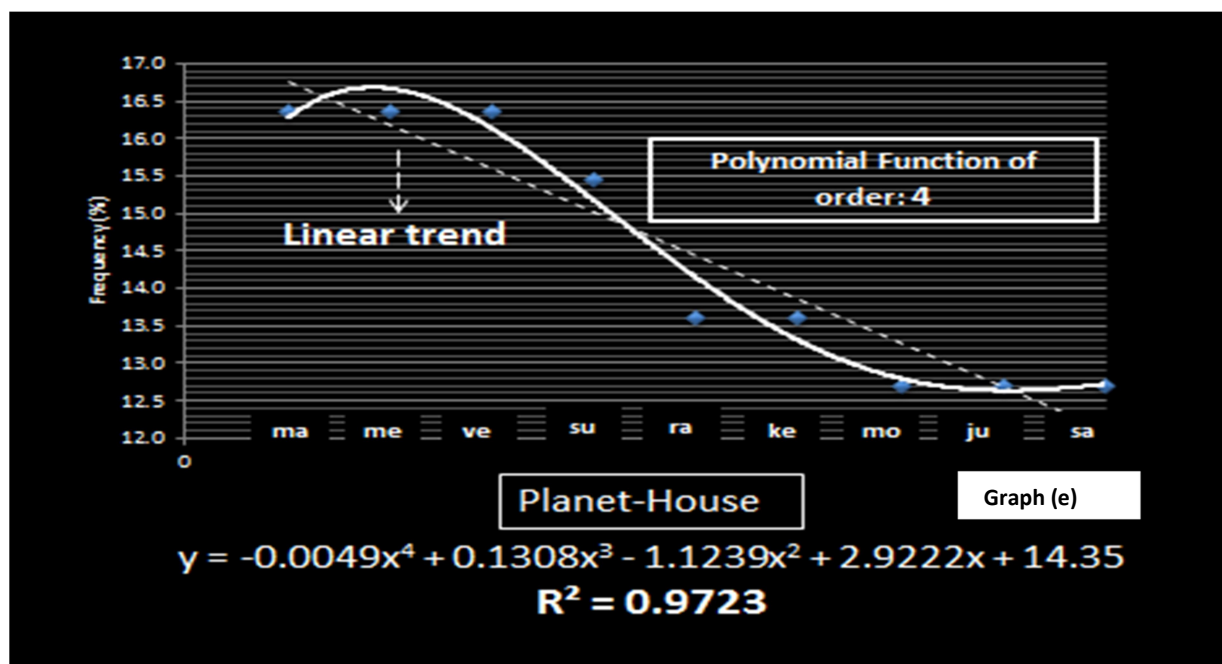
3. **Planetary influence on *BHAVA* (Houses)**

Graph (d)

The graph (d) clearly shows that 1st, 2nd and 12th houses have the maximum planetary influence with 8th and 7th being the least impactful.

Plot (b)

10th house seems to be influenced but not highly. Further we have studied the probability statistics for the contribution of planets in the Bhavas. The statistics Plot (b) represents the contribution of **Su, Me, Ju, Ve** to be highly significant in the *Bhavas* or houses. This clearly represents the significance of these planets when combined with the *Bhavas* for politicians.
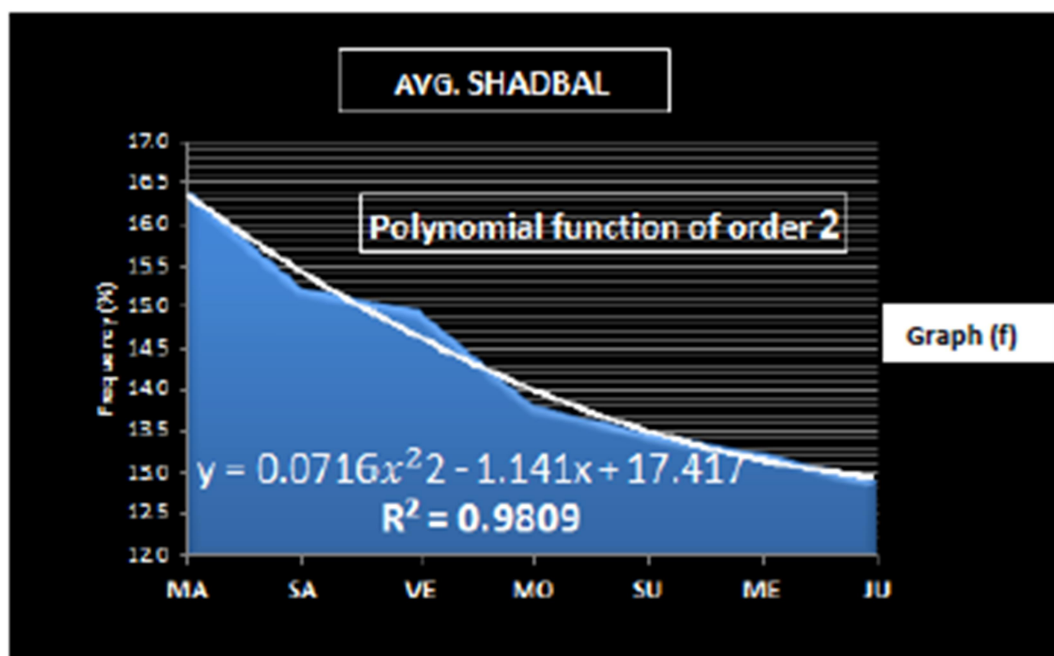

Graph (e)

$$y = -0.0049x^4 + 0.1308x^3 - 1.1239x^2 + 2.9222x + 14.35$$
$$R^2 = 0.9723$$

In Graph(e), the system of influence of planets on Vedic houses system shows a well-defined polynomial function of order 4 that influences houses through planets with Ma being the most impactful in terms of frequency but the probability statistics definitely point towards sun (plot b), which has come up being the common one for both signs and houses.

Here the system fits with a very high value of R=0.9723 similarly to the signs, which again suggests the high systematic approach hidden in the system. This also makes the Sun the most suitable candidate as Karaka for politicians/Kings. The model is also able to generate a mathematical relationship in form of an equation, which represents the calculated order in the planetary distribution over *Bhavas or houses of astrology*.
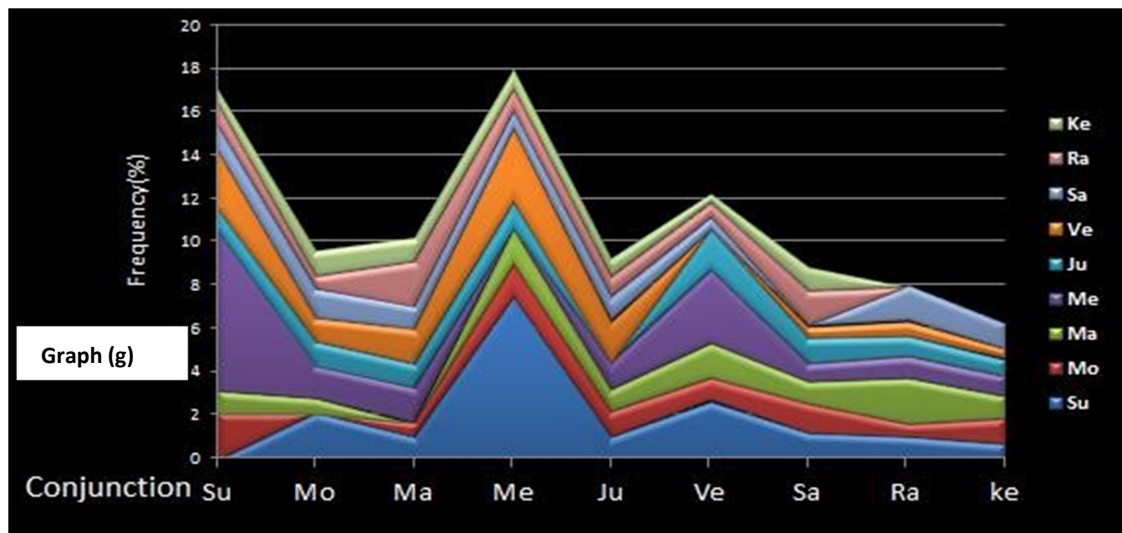
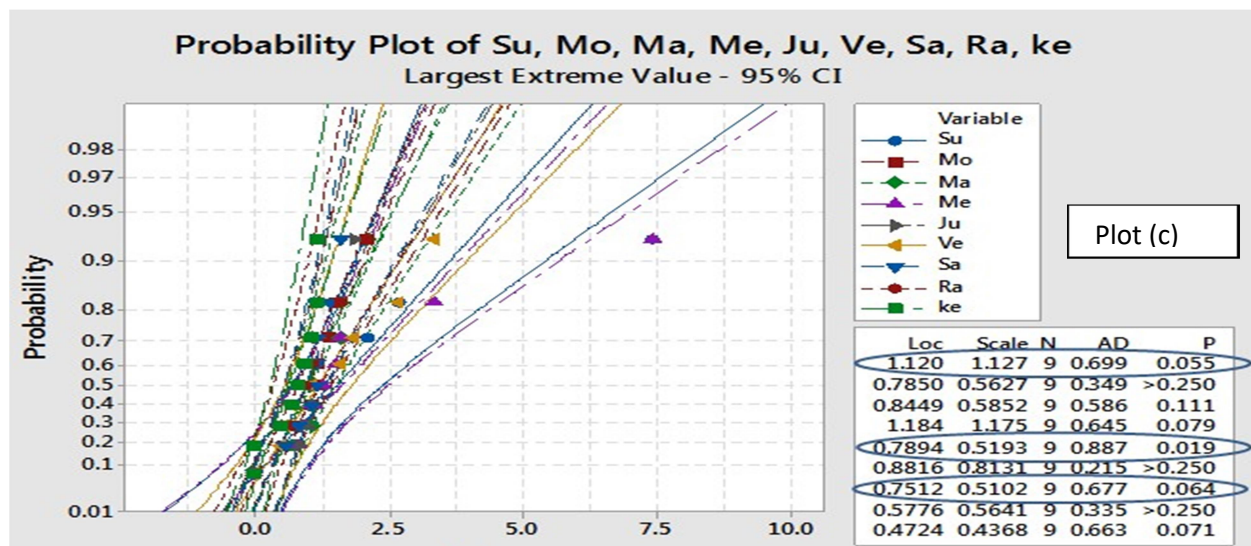### 4. Planetary influence of *shadbala (planetary strength)*

The graph (f) represents the order of influencing planets in shadbal, where Mars has occupied the strongest place followed by Sa and Ve with Ju being the weakest here. This graph represents the minimum contribution of planets when looked at shadbal for politicians and not the planet supposed to be the strongest. This means a native with sun as an influencer for politics will require less strength in shadbal to a native dependent on mars.

Interestingly the system adopts a quadratic function in shadbal with R_2= 0.98 that again points towards the mathematical stability of the Vedic system

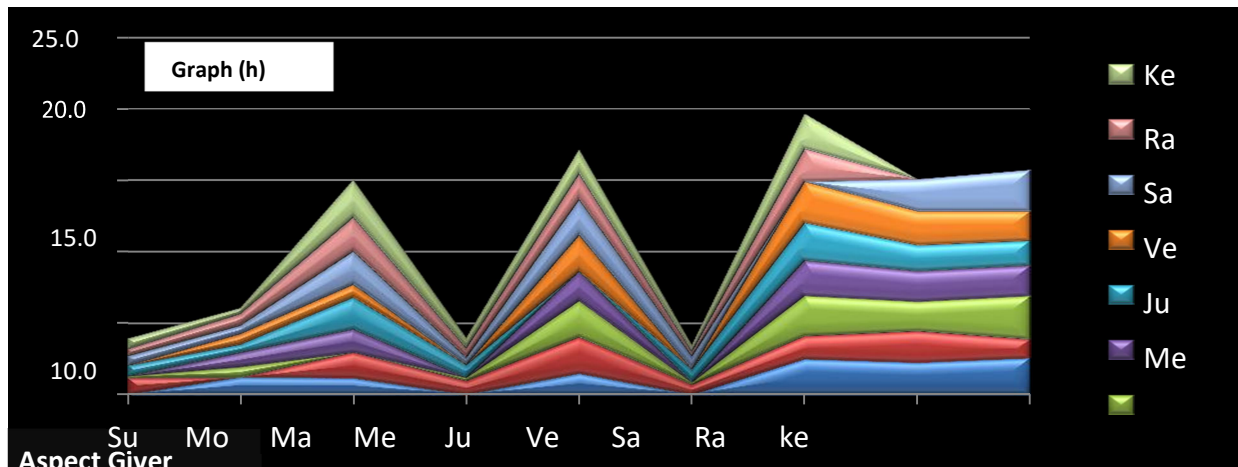### 5. Planetary YUTI (Conjunctions)

Graph (g)

The graph (g) above shows the conjunction of planets which is largest in case of sun and mercury followed by sun- ve, mer – ve which could definitely be an astronomical phenomenon. Also mercury and sun seems to have the maximum conjunctions with the planets. So in further analysis:
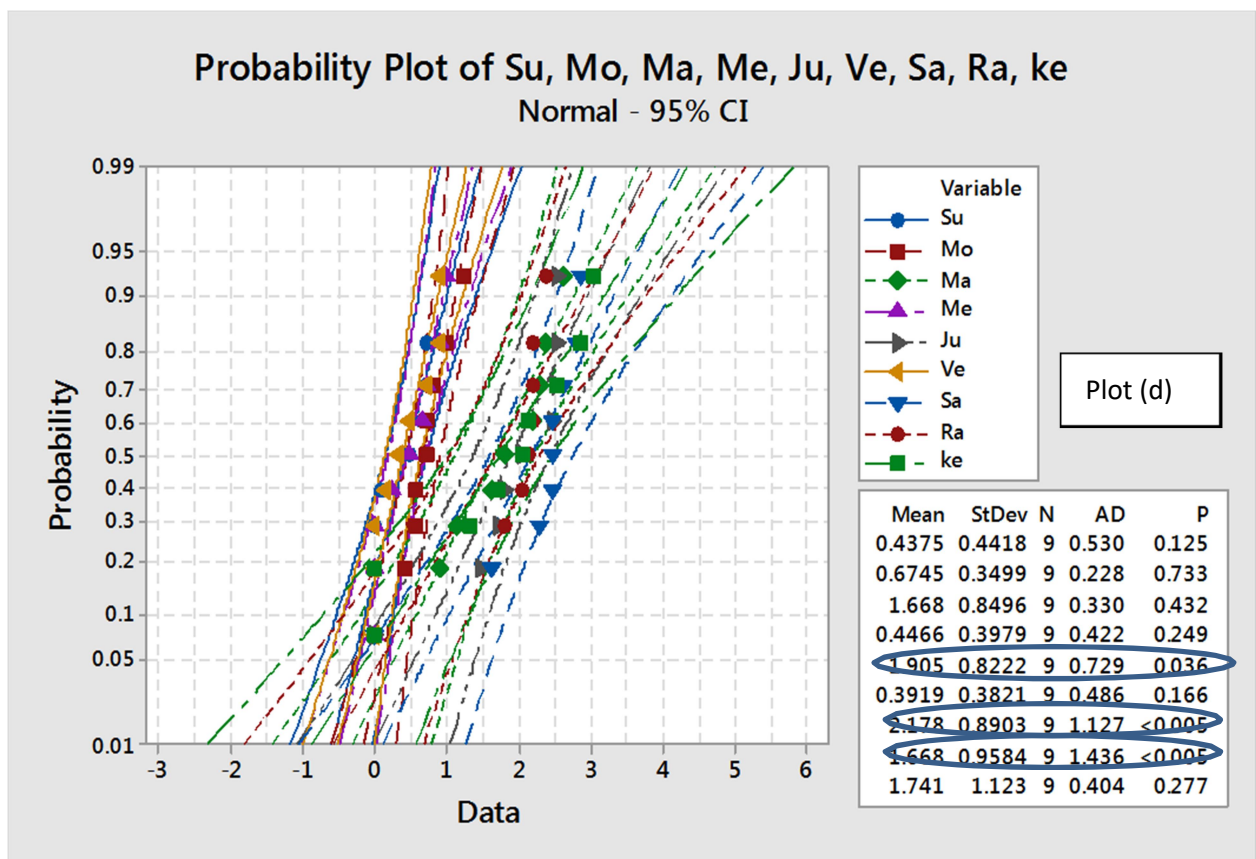

Plot (c)

The Plot(c) drawn with largest extreme values to the probability eliminate the non- significant conjunctions and unhide Su, Ju and Sat. This implies that for politicians the planetary conjunctions with these planets are most significant, eliminating Mer and Venus which earlier seemed to be very impactful.

6. Planetary DRISHTI (Aspects)

Graph (h)

Planetary aspects in graph (h) show Ve and Mer as least aspect givers and with max contribution by malefics: Sa, Ra, Ke followed by Ju and Ma. This observation needs to be analyzed further as the most significant contributions in probability could only be concluded by plotting the P-values for the aspect givers.

Plot (d) clearly marks Sa, Ra and Ju to be the aspect givers which are the difference makers for the politics as a profession. They hold at 95% confidence interval with almost no margin error.

Conclusion

The study was successful in identifying statistically significant planetary influences in the political behavior as per vedic astrology. The research reveals important characteristics and relations between planets especially Sun as *karaka*, as mentioned in the Vedic classical texts. The planetary influence survived the statistical significance tests and the system unfolded a polynomial functional relationship. This is evidence in support of Sidereal-zodiac with Chitrapakshi Ayanmasa as highly efficient. The Vedic System stood strong with a high regression fit value of $R^2 = 0.97$ thus representing the ordered and structured distribution of planetary influence over Politicians as per astrology. A polynomial function of order 4 provides a versatile mathematical framework, capable of capturing intricate relationships and nuanced patterns in complex data, making it a valuable tool for in-depth analysis and predictive modeling. Its high-degree flexibility allows for a more accurate representation of real-world phenomena, contributing to a deeper understanding of intricate systems. It thus adheres to the calculated mathematical integrity of the Vedic Astrology System that produces intelligent values not random results. Following are the results of the study in a nutshell:

Planetary influence	Highest	Least	Significant
Sidereal Zodiac Signs	Cancer,Leo,Libra, Scorpio	Pisces, Aquarious,Virgo	**Su**,Ma,Sa,Ra,Ke
BHAVA (Houses)	1st , 2nd , 12th	8th, 7th	**Su**, Me, Ju, Ve
shadbala (strength)	Ma ,Sa, Ve	Su, Me ,Ju	-
YUTI (Conjunctions)	Su, Mer, Ve	Ke, Ra ,Mo	**Su**, Ju, Sat
DRISHTI (Aspects)	Sa,Ra,Ke	Ve, Mer	Sa, Ra,Ju

These results could further be utilized in developing mathematical models for predictive behavioral aspects to politicians or people aspiring to be one, and can guide them in understanding their strengths and weaknesses as per the Vedic system of astrology. Further such model fits could be used by industries for developing AI-tools for astrology and its applications.

Acknowledgement

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