SUPPLIMENDARY INFORMATIONS –**Growth of D614G Virus – Regression Analysis**

Jaydip Datta

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Figure-I (Plot of Scattered Data of freq D614G vs Number of Months )

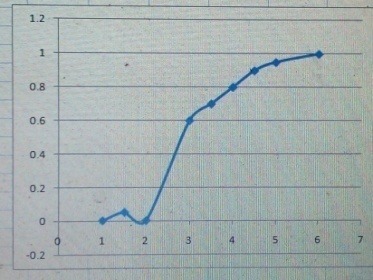


Figure – II ( Curve Finder –v.1.4 ) – Regression Analysis

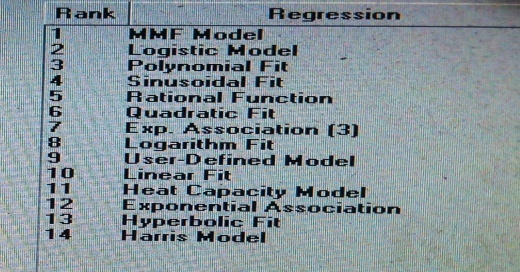


Figure –III( MMF Model Fit)

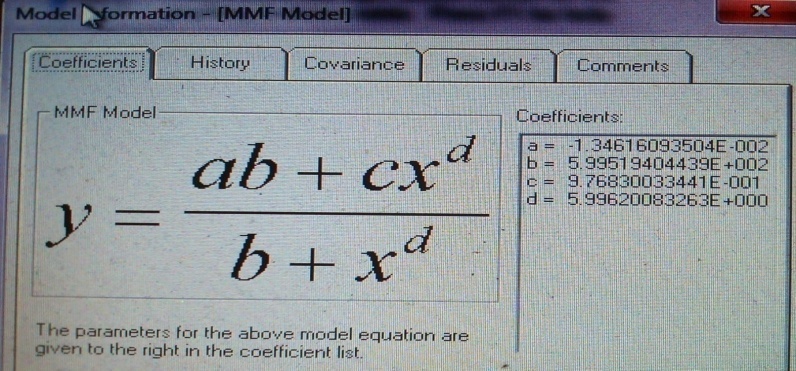


Figure – IV( 4 th Order Polynomial Fit )

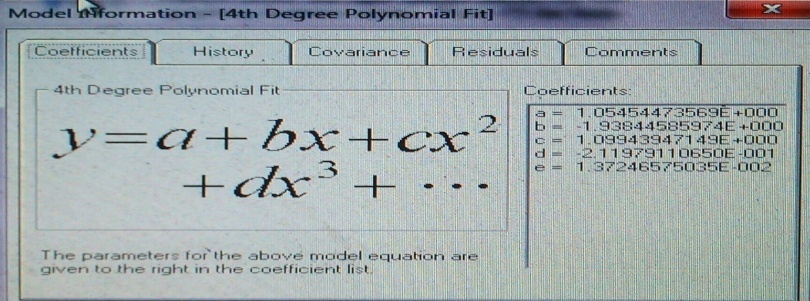


Figure – V (Covariance Matrix – 4x 4 )

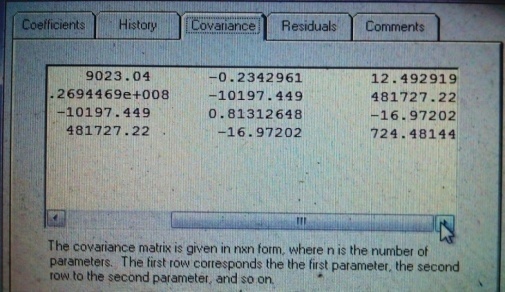


Figure – VI ( Chi-sq Hypothesis )

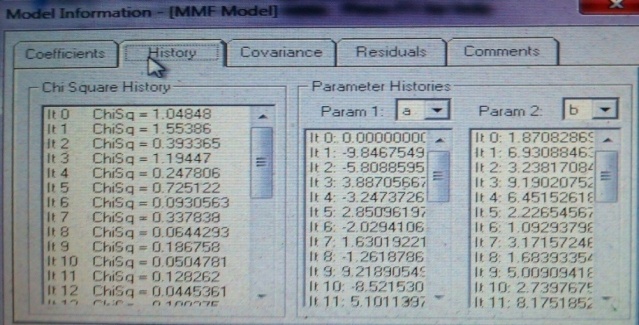


Figure – VII (Covariance Matrix – 5 x 5 )

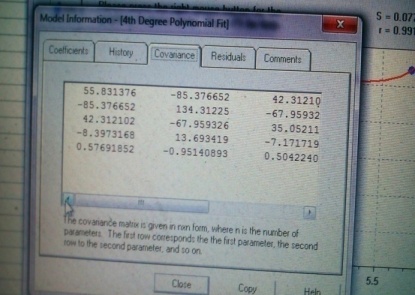
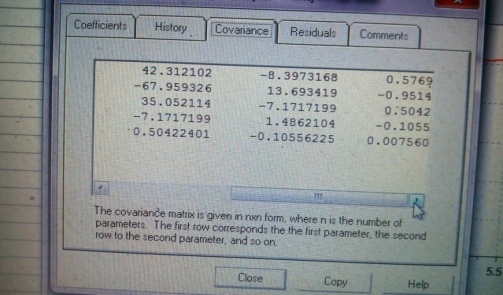


Figure –VIII( 4th Degree Polynomial Fit – r and s value )

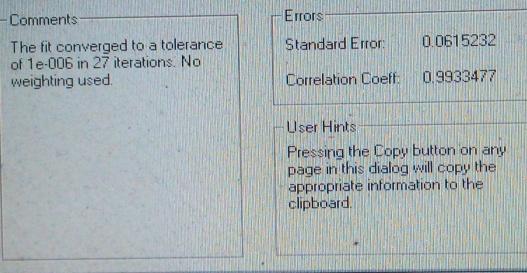
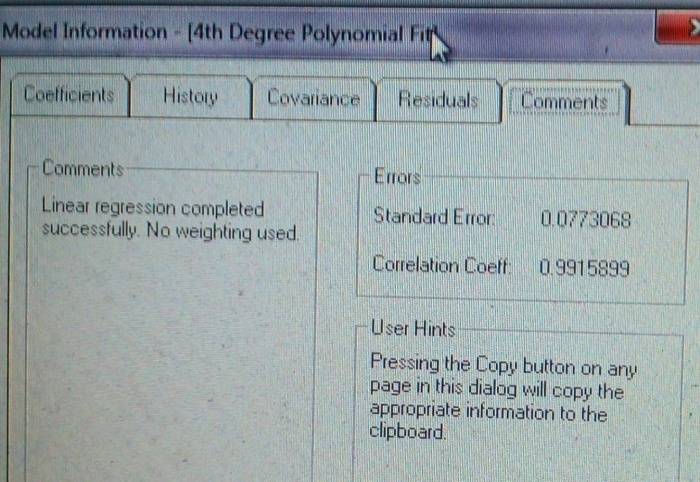


Figure – IX



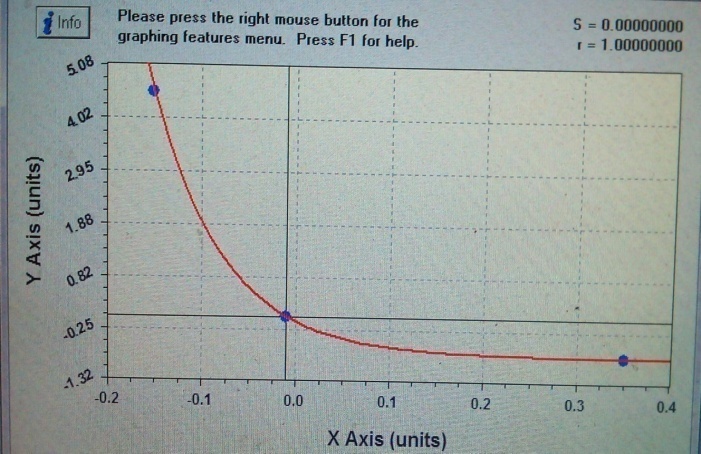
**Figure – X** ( 2x 2 Matrix )



Dataset (Bioenergetics data of DEL2G in Kcal /mole) of D614G , N501Y

([*https://zenodo.org/record/4514192*](https://zenodo.org/record/4514192) )

**Figure – XI**  ( Exponential fit – r and s value )



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