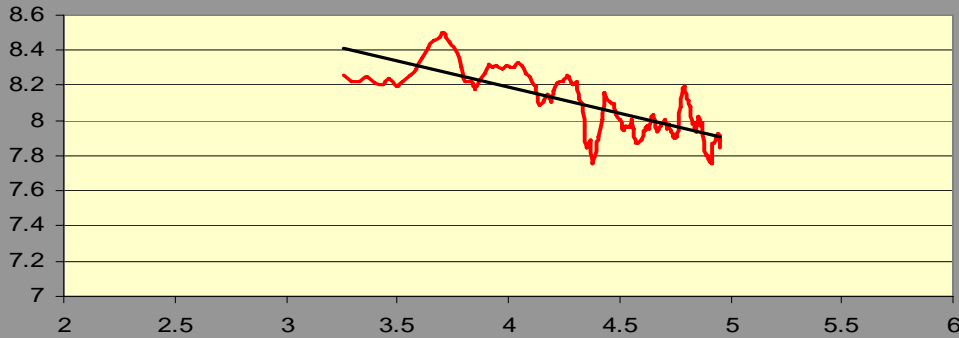


Tutorial for Estimation of Fractal Dimension

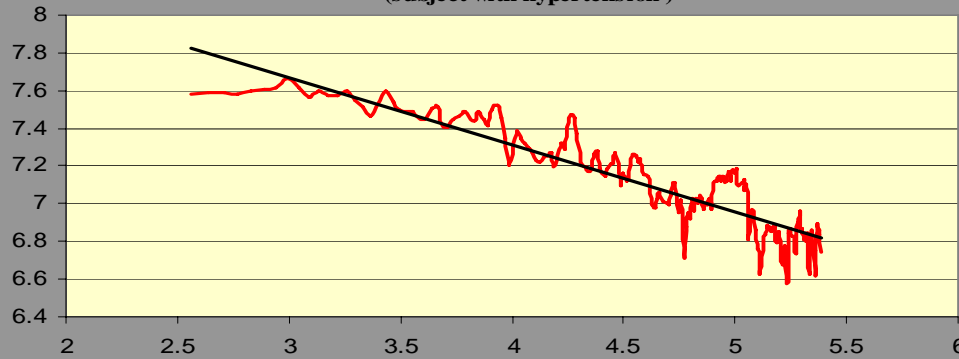
Estimation of Fractal Dimension for R-R intervals
(normal subject)



$$y = -0.466x + 9.9649$$
$$R^2 = 0.6155$$

D = 0.466
Deff = 1.534

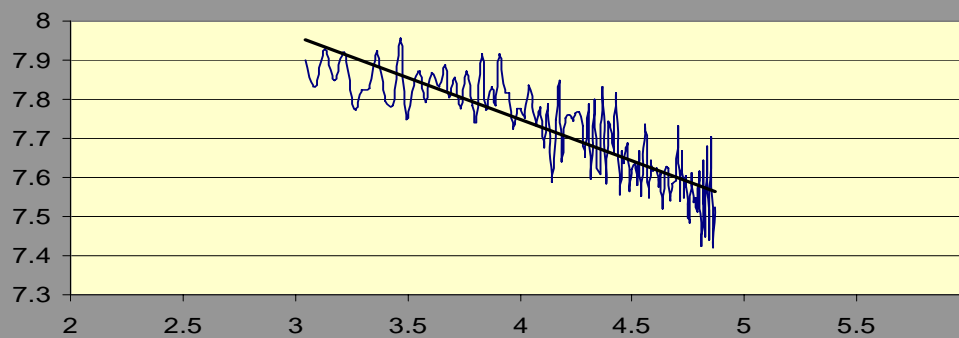
Estimation of Fractal Dimension for R-R intervals
(subject with hypertension)



$$y = -0.3569x + 8.7431$$
$$R^2 = 0.8456$$

D = 0.3569
Deff.=1.643

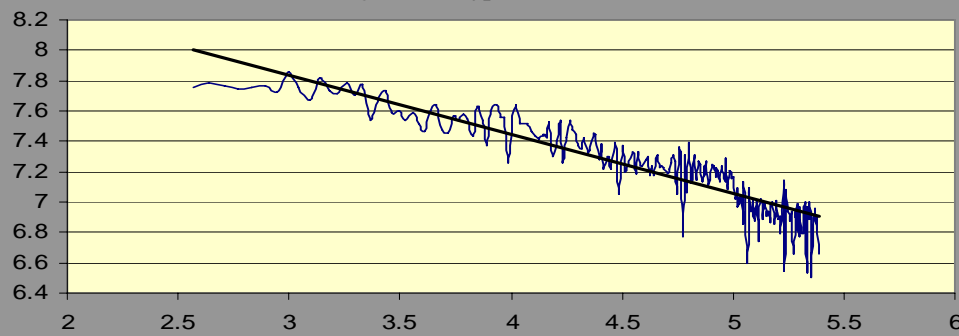
Estimation of Fractal Dimension for Variability Time Series
(normal subject)



$$y = -0.2114x + 8.5937$$
$$R^2 = 0.6778$$

D = 0.211
Deff = 1.789

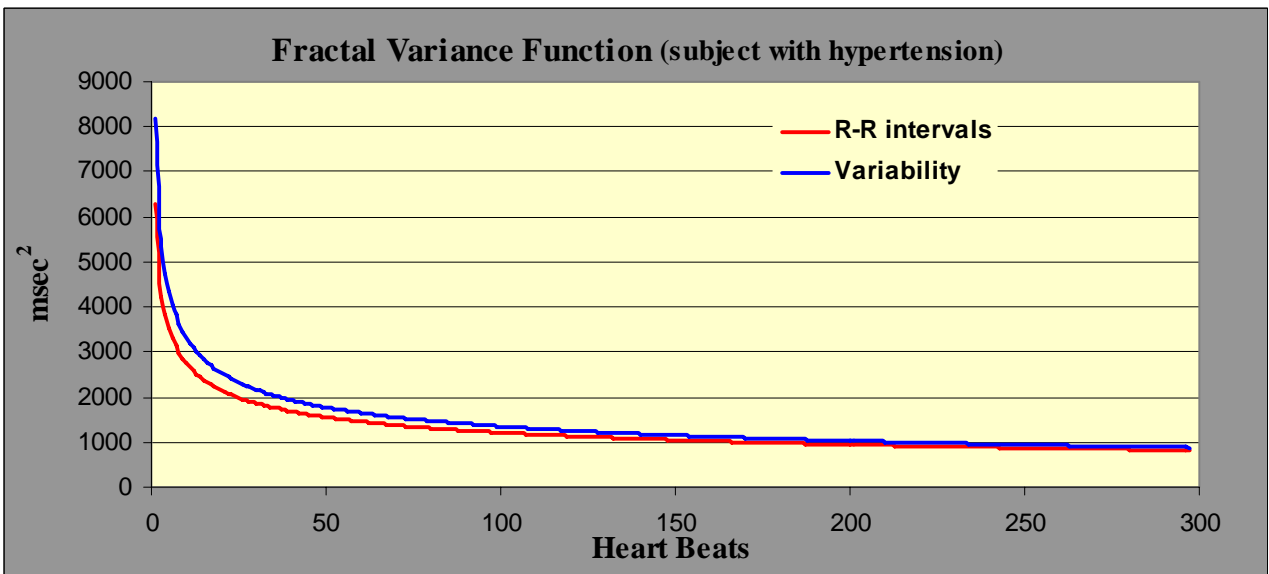
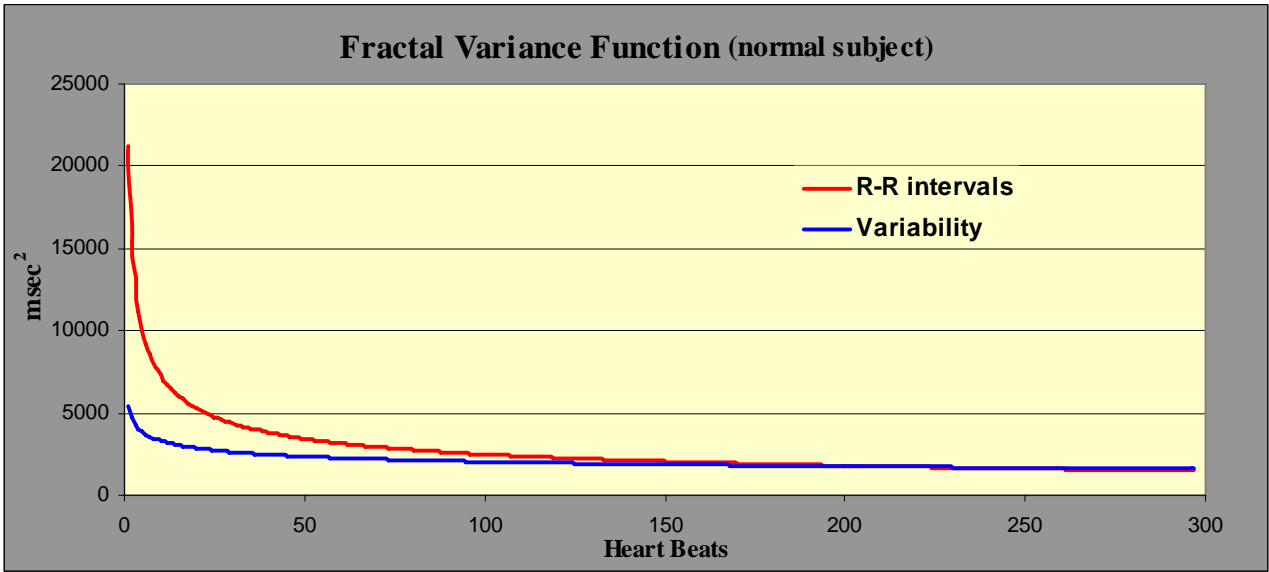
Estimation of Fractal Dimension for Variability Time Series
(subject with hypertension)



$$y = -0.391x + 9.0087$$
$$R^2 = 0.829$$

D = 0.391
Deff. = 1.610

Estimation of Fractal Variance Function



Marginal Density Function

