

C47 Ref page : BestF param -- MODEL (Model) in menu [REGR.1]gF4 : Functions to set parameter for which models are selected in the LR analysis

Label	Fullname	Description	AdditionalInfo
AllF	Set all (models)	Set BestF to include all curve fitting models (511) ; deselects OrthoF	L.R. selected to 511
ResetF	Reset fitting	Reset BestF to default (1)	L.R. selected to 001
OrthoF	Orthogonal fit	Select orthogonal curve fitting (used in PLSTAT) ; deselects other curve fit settings	Sets BestF to 0 ; TI : L.R. selected to OrthoF
L.R.	Linear Regression	Calculate all selected regression models, and select the one with the best coefficient of correlation (r)	

Label	Fullname	Description	AdditionalInfo
LinF	Linear fit	Set BestF to include linear curve fitting ; deselects OrthoF	Adds 1 to BestF ; TI : L.R. selected to <BestF>
ExpF	Exponential fit	Set BestF to include exponential curve fitting ; deselects OrthoF	Adds 2 to BestF ; TI : L.R. selected to <BestF>
LogF	Logarithmic fit	Set BestF to include logarithmic curve fitting ; deselects OrthoF	Adds 4 to BestF ; TI : L.R. selected to <BestF>
PowerF	Power fit	Set BestF to include power curve fitting ; deselects OrthoF	Adds 8 to BestF ; TI : L.R. selected to <BestF>
RootF	Root fit	Set BestF to include root curve fitting ; deselects OrthoF	Adds 16 to BestF ; TI : L.R. selected to <BestF>
HypF	Hyperbolic fit	Set BestF to include hyperbolic curve fitting ; deselects OrthoF	Adds 32 to BestF ; TI : L.R. selected to <BestF>
ParabF	Parabolic fit	Set BestF to include parabolic curve fitting ; deselects OrthoF	Adds 64 to BestF ; TI : L.R. selected to <BestF>
CauchF	Cauchy fit	Set BestF to include Cauchy curve fitting ; deselects OrthoF	Adds 128 to BestF ; TI : L.R. selected to <BestF>
GaussF	Gauss fit	Set BestF to include Gauss curve fitting ; deselects OrthoF	Adds 256 to BestF ; TI : L.R. selected to <BestF>

Label	Fullname	ResetF	Value	AllF	Value	Example	Value
LinF	Linear fit	ON	1	ON	1	ON	1
ExpF	Exponential fit	OFF	0	ON	2	ON	2
LogF	Logarithmic fit	OFF	0	ON	4	ON	4
PowerF	Power fit	OFF	0	ON	8	ON	8
RootF	Root fit	OFF	0	ON	16	OFF	0
HypF	Hyperbolic fit	OFF	0	ON	32	OFF	0
ParabF	Parabolic fit	OFF	0	ON	64	OFF	0
CauchF	Cauchy fit	OFF	0	ON	128	OFF	0
GaussF	Gauss fit	OFF	0	ON	256	OFF	0
		BestF =	1	BestF =	511	BestF =	15