

REGR	Regression					
g-shift	LR:a0	LR:a1	LR:a2	MODEL	ASSESS	SCATR
f-shift	s(a)					
unshifted	L.R.	r	s _{xy}	cov	$\hat{x}$	$\hat{y}$
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Prev menu https://47calc.com/doc/R47/Menus/R47v0_Menu_REG_page_2.pdf

Next menu https://47calc.com/doc/R47/Menus/R47v0_Menu_RESETS_page_1.pdf

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
Menu p1	REGR	MENU	Regression	Regression functions	Plotting and curve fitting		REGR	
F1	L.R.	Command	Linear Regression	Calculate all selected regression models, and select the one with the best coefficient of fit model correlation (r) ; TI : <model>* a ₂ = ; y = a ₁ = ; <formula> a ₀ =	Plotting and curve fitting		L.R.	
F2	r	Command	Fit model correlation	Fit model correlation	Plotting and curve fitting		CORR	
F3	s _{xy}	Command	s _{xy}	Sample covariance	Plotting and curve fitting		s _{xy}	
F4	cov	Command	Fit model covariance	Fit model covariance	Plotting and curve fitting		COV	
F5	$\hat{x}$	Command	x hat	Estimation of x	Plotting and curve fitting		$\hat{x}$	
F6	$\hat{y}$	Command	y hat	Estimation of y	Plotting and curve fitting		$\hat{y}$	
fF1	s(a)	Command	Standard errors	Standard errors of line fitted ; s(a ₀) in X ; s(a ₁) in Y ; Info : Works for ExpF ; LinF ; LogF ; OrthoF ; PowerF ; does not work for CauchF ; GaussF ; HypF ; ParabF ; RootF	Plotting and curve fitting		s(a)	
fF2								
fF3								
fF4								
fF5								
fF6								
gF1	LR:a0	Command	Retrieve LR-param a ₀	Retrieve linear regression parameter a ₀ and show formula and parameter name ; TI : y = <formula> : a ₀ =	Plotting and curve fitting		LR:a0	
gF2	LR:a1	Command	Retrieve LR-param a ₁	Retrieve linear regression parameter a ₁ and show formula and parameter name ; TI : y = <formula> : a ₁ =	Plotting and curve fitting		LR:a1	
gF3	LR:a2	Command	Retrieve LR-param a ₂	Retrieve linear regression parameter a ₂ and show formula and parameter name ; TI : y = <formula> : a ₂ =	Plotting and curve fitting		LR:a2	
gF4	MODEL	MENU	Model	Functions to set parameter for which models are selected in the LR analysis ; Ref : https://47calc.com/doc/R47/Reference/R47v0_BestF_param.pdf	Plotting and curve fitting		MODEL	
gF5	ASSESS	MENU (item)	Assess	Display graphical assessments of the selected regression curves	Plotting and curve fitting			
gF6	SCATR	MENU (item)	Scatter plot	Scatter plot of measurements (programmable) ; Info : CENTRL (re)starts menu SCATR ; when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS	Measurement		SCATR	

p1	REGR	Link
F1	L.R.	
F2	r	
F3	s _{xy}	
F4	cov	
F5	$\hat{x}$	
F6	$\hat{y}$	
fF1	s(a)	
fF2		
fF3		
fF4		
fF5		
fF6		
gF1	LR:a0	
gF2	LR:a1	
gF3	LR:a2	
gF4	MODEL	https://47calc.com/doc/R47/Menus/R47v0_Menu_MODEL_page_1.pdf
gF5	ASSESS	https://47calc.com/doc/R47/Menus/R47v0_Menu_ASSESS_page_1.pdf
gF6	SCATR	https://47calc.com/doc/R47/Menus/R47v0_Menu_SCATR_page_1.pdf