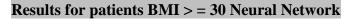
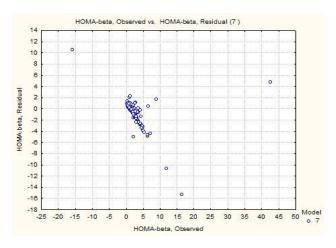


ES Complex clinical investigation: β function decreased Screening test (as reference HOMA- $\beta < 1.55$): Correlation/ Specificity and Sensitivity

Chaim E. A and Gobato R.C. New Approach from physiological data Algorithms for pre diabetes and diabetes screening in an obese patient's population to use on a larger scale. Unicamp University 2011.





6	Regression (7)	
	HOMA-beta.7	
Data Mean	1.506757	
Data S.D.	2.832232	
Error Mean	-0.005664	
Error S.D.	1.594476	
Abs E. Mean	0.852972	
S.D. Ratio	0.562975	
Correlation	0.831498	
	The second secon	

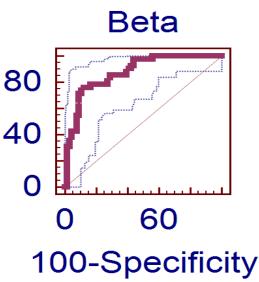
The correlation between HS-β (HS-Beta cell) and HOMA-β (HOMA-Beta cell) was

r=0.83 (p < 0.0001).



*Coefficient Age/gender

Sensitivity



Variable	Beta	
Classification variable	diagnosis	
Sample size		108
Positive group : diagn	osis = 1	42
Negative group : diagn	osis = 0	66
Disease prevalence (%)		38.9
Area under the ROC curve (AUC)		0.874
Standard Error ^a		0.0335
95% Confidence Interval	ь	0.796 to 0.930
z statistic		11.174
Significance level P (Area	a=0.5)	<0.0001

^b Binomial exact

Sensitivity 76.19 % Specificity 87.88% Cutoff < 4.46