

Administration and management of the IDEAL company S.A.B. of C.V.

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Abstract

The company is the result of the division of Grupo Financiero Inbursa, SA DE CV, as spun-off company, which was approved by extraordinary general meeting of shareholders held on May 25, 2005. The company being divided result of this merger was established under the corporate name of DRIVING ECONOMIC DEVELOPMENT IN LATIN AMERICA, SA DE CV, it was subsequently modified to be in DRIVING DEVELOPMENT AND EMPLOYMENT IN LATIN AMERICA, SA DE C.V. The company is engaged in the acquisition, management and control directly or indirectly to the acquisition, construction, operation, management, maintenance and / or maintenance of infrastructure in Mexico and Latin America dedicated subsidiaries.

Construction, construction and engineering, infrastructure concessionaires

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Financial integrative model was set at class which focused for the equivalent percentage, each company is located in the Mexican Stock Exchange as follows:

$$MIF = \frac{\left[\frac{M.D. - M.I.}{\text{Detremination} - \text{depreciation}} \right]^{\text{Cobertura}} \left[\frac{\text{Devaluation} + \text{Variable cost}}{\text{Forward} - \text{Exposition}} \right]^{\text{arbitration}}}{\text{Costo capital} - \left[\frac{[FCP + FMP + FLP]}{(\text{Not fundable} - \text{fundable})} \right] \left(\frac{CT + MP}{LP} \right)^2 + \left[\frac{\text{Performance}}{\text{Utility}} \right]^{\text{Financial range}}}$$

(1)

Substituting the formulas seen in class the model is as follows

$$IF = \frac{\left[\frac{\left[\pi - \left(\frac{P_{max} + P_{min}}{2} \right)^{1/2} - \left(\frac{P + PPP}{2} \right)^{1/2} \right]}{\left[(\pi + \pi) a \right]^{1/2} \lim_{\pi \rightarrow 2}} - \frac{dM1}{dX1} + \frac{dM2}{dX2} + \frac{dM3}{dX3} + \frac{dM4}{dX4} + \frac{dM5}{dX5} \right]}{\left(\frac{CV + CFL}{CF} \right)^{1/2}} \left[\frac{\left[\frac{PPP - 2}{A \text{ circulation}} \right]^{-1/2} - [TDC + TCT]^{1/2}}{\left[\frac{Max - Min}{Max + Min} \right]^{1/2} + \left[\frac{Max - Min}{Min + Max} \right]^{1/2}} \right]} - \left[\frac{\left(\frac{N - \pi}{T.C.} \right)^{Max} + \left(\frac{C + \pi}{T.C.} \right)^{Min} + \left(\frac{N - \pi}{T.C.} \right)^{T.C. \frac{Max}{Min}}}{\int \frac{d(Min)}{dX} - \int \frac{d(Max)}{dX} = \int \frac{d(Min)}{dX}} \right] + \left[\frac{\frac{d(Max)}{dX} - \frac{d(Min)}{dX}}{\left[\frac{d(Max \lim Max Ant)^{1/2}}{d(Min \lim Min Ant)^{1/2}} \right]} \right]^{1/2}$$

(2)

In my particular case it analyzed the IDEAL station



Figure 1

Data from Banxico page and the station were obtained on November 4, 2015

Facts Issuer	
Variable	valor
Ppp	30.7
Pmax	30.7
Pmin	30.7
A circulation=	9.47
log(3,000,152,564)	
P utility	-
	51.58
	=(-51.58) ⁷⁵
CV=(-51.58) ⁵	
CF sin(-51.58)	
CFLcos(-51.58)	-1.26
Max Ant.	45.57
Min Ant.	29.48
V	30.78
C	30.7

BANXICO Data	
Variable	value
πs	2.38
π ^{-s}	2.96
π = $\frac{2.38}{2.96}$	0.8
TCD	16.53
TCI=log(16.53)	1.21
M1	3
M2	6
M3	9
M4	12

Variables data	
Variable	value
B	0.5
B0	0.5
B1	0.5
B2	0.25
n	0.25
d	-1
lim	0.1
λ	0.75
θ	0.5
∫	1
ε	-0.05

Table 1

After obtaining all values of the variables we proceed to replace in the formula of financial integration model as shown below.

$$\begin{aligned}
 MIF &= \left[\frac{[0.80 - \frac{(30.7 + 30.7)}{2}]^{0.4} - [\frac{0.80 + 30.7}{2}]^{0.75}}{(2.38 + 2.96) \int_{1.1}^{2.38} (0.10) \frac{2.38}{2.96} - \left[\frac{(-1)3}{(-1)0.75} + \frac{(-1)6}{(-1)0.75} + \frac{(-1)9}{(-1)0.75} + \frac{(-1)12}{(-1)0.75} + \frac{(-1)15}{(0.75)0.25} \right]^{-0.21}} \right]^{1.89} \\
 &= \frac{(-19.24 + (-1.26))^{0.75}}{-7.18} \\
 &= \frac{\left[\frac{[2.38]^{0.75-0.5} + \frac{(-19.24 - (-7.18))^{0.8-0.5} [(0.5) + (0.5) + (0.25) + (0.5+0.25)]^2}{-1.26}}{\frac{[30.7-2]^{0.75}}{9.47} - [16.58+1.21]^{2.38}}{(-19.24+(-1.26))^{0.75}} \right] - \left(\frac{\int \left(\frac{(30.7-30.7)^{0.5}}{(45.57+29.48)0.75} \right)^2 + \int \left(\frac{(30.7+30.7)^{0.5}}{(29.48-45.57)0.75} \right)^2}{\int \left(\frac{45.57+30.7}{2} \right)^2} \right)^2}{\left[\frac{(\frac{30.78-0.8}{16.58})^{30.7} + (\frac{30.7+0.8}{16.58})^{30.7} + (\frac{30.78-0.8}{30.7+0.8})^{16.58} \frac{30.7}{30.7}}{\int \frac{(-1)(0.75)30.7}{(-1)(0.75)30.7} - \int \frac{(30.7)}{(-1)(0.75)30.7}} \right] + \left[\frac{(-1)30.7}{(-1)0.75} \frac{(-1)30.7}{(-1)0.75} \right] \int \frac{0.5(45.57) - 0.5(30.7)}{0.5(45.57) + 0.5(29.48)}^{0.75-0.5}}{(-1)(30.7)0.10(29.48)^{0.75}} \right]^{0.4}} \\
 & \quad (3)
 \end{aligned}$$

After replacing the values and after performing some operations; simplifying the following results

$$\begin{aligned}
 MIF &= \frac{[-5.46 - 7.49]^{0.21} [0.94 + 1.96]^{1.89}}{[3.84 - 38.59]^{2.19}} - \left[\frac{[86647171.59 + 427538917.7 + 0.46]^{(26.32)^2}}{1 - (-1.33)} \right] \\
 & \quad + \left[\frac{0}{0.40} \right]^{0.45} \\
 & \quad (4)
 \end{aligned}$$

To obtain further simplify subsequent values

$$\begin{aligned}
 MIF &= \frac{[-13.36]^{0.21} [-936.37]^{1.89}}{[-34.75]^{2.19}} - \left[\frac{514186089.8}{2.33} \right]^{692.4} + \left[\frac{0}{0.40} \right]^{0.45} \\
 MIF &= \frac{[0.38]^{0.21} [-3.09 \times 10^{-3}]^{1.89}}{2.19} - \left[\frac{514186089.8}{2.33} \right]^{692.4} + \left[\frac{0}{0.40} \right]^{0.45} \\
 & \quad (5)
 \end{aligned}$$

By simplifying almost everything remains to the following

$$\begin{aligned}
 MIF &= \frac{0.81(-18.10 \times 10^{-6})}{2.19} - 0 + 0 \\
 & \quad (6)
 \end{aligned}$$

And the end result is financial integration model:

$$\begin{aligned}
 MIF &= -6.69 \times 10^{-6} = 0.00000669 \\
 & \quad (7)
 \end{aligned}$$

Once this value is obtained proceeds to 3 iterations for the three days there in finance

First interaction

$$0.00000669 \times 100 = 0.000669$$

Second interaction

$$0.000669 \times 100 = 0.0669$$

Third interaction

$$0.0669 \times 100 = 6.69$$

$$\begin{aligned}
 MIF &= \frac{6.69(100)}{100} \\
 & \quad (8)
 \end{aligned}$$

Later iterations have made the final result is obtained

$$MIF = 6.69\%$$

Conclusion

Through the financial integrative model it was determined that the percentage of financial activity IDEAL station represents 6.69% of our national economy in Mexico; holding an exchange rate of 16.53, 2.96 and inflation still trading in the Mexican financial market

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