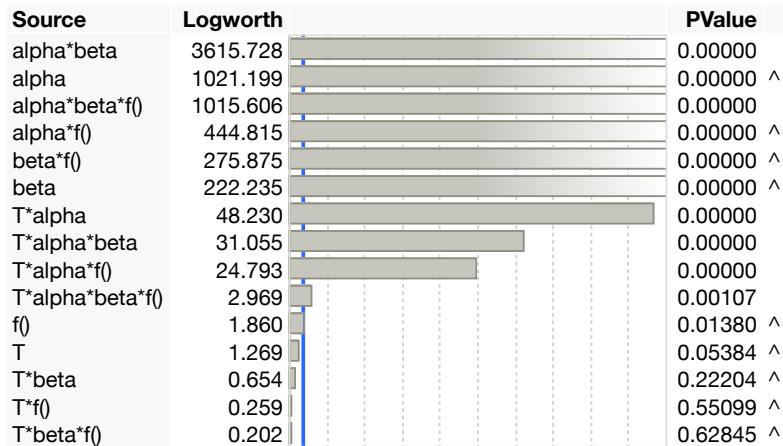


Response R(beta, 0)**Effect Summary****Summary of Fit**

RSquare	0.911507
RSquare Adj	0.910009
Root Mean Square Error	0.09941
Mean of Response	0.431011
Observations (or Sum Wgts)	46800

Analysis of Variance

Source	DF	Sum of Squares		F Ratio	Prob > F
		Mean Square			
Model	779	4684.4035	6.01335	608.4973	
Error	46020	454.7836	0.00988	<.0001*	
C. Total	46799	5139.1871			<.0001*

Effect Tests

Source	Nparm	DF	Sum of Squares		F Ratio	Prob > F
T		1	0.03674	3.7180	0.0538	
alpha		12	49.67350	418.8759	<.0001*	
T*alpha		12	2.58965	21.8375	<.0001*	
beta		9	10.62088	119.4153	<.0001*	
T*beta		9	0.11709	1.3165	0.2220	
alpha*beta	108	108	207.13107	194.0722	<.0001*	
T*alpha*beta	108	108	3.75522	3.5185	<.0001*	
f()		2	0.08466	4.2834	0.0138*	
T*f()		2	0.01178	0.5960	0.5510	
alpha*f()	24	24	21.92391	92.4376	<.0001*	
T*alpha*f()	24	24	1.76410	7.4380	<.0001*	
beta*f()	18	18	13.57238	76.3001	<.0001*	
T*beta*f()	18	18	0.15302	0.8603	0.6285	
alpha*beta*f()	216	216	58.51116	27.4111	<.0001*	
T*alpha*beta*f()	216	216	2.82288	1.3225	0.0011*	

Response R(beta, 0)**Prediction Expression**

0.0313739351

$$+ \text{Match}(T) \begin{cases} \text{"NCAR" } \Rightarrow -0.010102538 \\ \text{"NNAR" } \Rightarrow 0.0101025381 \\ \text{else } \Rightarrow . \end{cases}$$

$$+ \text{Match}(\alpha) \begin{cases} 0.05 \Rightarrow 0 \\ 0.1 \Rightarrow -0.013873807 \\ 0.15 \Rightarrow -0.00248848 \\ 0.2 \Rightarrow 0.0053554034 \\ 0.25 \Rightarrow 0.0252811675 \\ 0.3 \Rightarrow 0.0656123685 \\ 0.35 \Rightarrow 0.1256956902 \\ 0.4 \Rightarrow 0.1988962806 \\ 0.45 \Rightarrow 0.2759575619 \\ 0.5 \Rightarrow 0.2850904179 \\ 0.55 \Rightarrow 0.1977522671 \\ 0.6 \Rightarrow 0.0998108086 \\ 0.65 \Rightarrow 0.0402267585 \\ \text{else } \Rightarrow . \end{cases}$$

$$\begin{cases} \text{"NCAR" } \Rightarrow \text{Match}(\alpha) \begin{cases} 0.05 \Rightarrow 0 \\ 0.1 \Rightarrow 0.0042939542 \\ 0.15 \Rightarrow 0.0110396345 \\ 0.2 \Rightarrow 0.0004430131 \\ 0.25 \Rightarrow 0.0068756108 \\ 0.3 \Rightarrow -0.000410179 \\ 0.35 \Rightarrow -0.025587651 \\ 0.4 \Rightarrow -0.020064492 \\ 0.45 \Rightarrow 0.0225974296 \\ 0.5 \Rightarrow 0.0572702905 \\ 0.55 \Rightarrow 0.0521496543 \\ 0.6 \Rightarrow 0.0331341214 \\ 0.65 \Rightarrow 0.0157690076 \\ \text{else } \Rightarrow . \end{cases} \\ + \text{Match}(T) \begin{cases} 0.05 \Rightarrow 0 \\ 0.1 \Rightarrow -0.004293954 \\ 0.15 \Rightarrow -0.011039634 \\ 0.2 \Rightarrow -0.000443013 \end{cases} \end{cases}$$

Response R(beta, 0)	
Prediction Expression	
"NNAR" \Rightarrow Match(alpha)	$0.25 \Rightarrow -0.006875611$ $0.3 \Rightarrow 0.0004101788$ $0.35 \Rightarrow 0.0255876506$ $0.4 \Rightarrow 0.0200644919$ $0.45 \Rightarrow -0.02259743$ $0.5 \Rightarrow -0.057270291$ $0.55 \Rightarrow -0.052149654$ $0.6 \Rightarrow -0.033134121$ $0.65 \Rightarrow -0.015769008$ $\text{else} \Rightarrow .$
else $\Rightarrow .$	
+ Match(beta)	$0.1 \Rightarrow 0$ $0.2 \Rightarrow 0.0211015939$ $0.3 \Rightarrow 0.026965384$ $0.4 \Rightarrow 0.0436258675$ $0.5 \Rightarrow 0.0694140518$ $0.6 \Rightarrow 0.0942751712$ $0.7 \Rightarrow 0.1106868513$ $0.8 \Rightarrow 0.1197937892$ $0.9 \Rightarrow 0.1491086821$ $1 \Rightarrow 0.1687806684$ $\text{else} \Rightarrow .$
"NCAR" \Rightarrow Match(beta)	$0.1 \Rightarrow 0$ $0.2 \Rightarrow 0.0025497179$ $0.3 \Rightarrow 0.0039052923$ $0.4 \Rightarrow 0.0107901572$ $0.5 \Rightarrow 0.0080527012$ $0.6 \Rightarrow 0.0024457401$ $0.7 \Rightarrow 0.012245861$ $0.8 \Rightarrow 0.0127726407$ $0.9 \Rightarrow 0.0186157147$ $1 \Rightarrow 0.0129506192$ $\text{else} \Rightarrow .$
+ Match(T)	$0.1 \Rightarrow 0$ $0.2 \Rightarrow -0.002549718$ $0.3 \Rightarrow -0.003905292$ $0.4 \Rightarrow -0.010790157$

Response R(beta, 0)**Prediction Expression**

"NNAR" \Rightarrow Match(beta)	0.5 \Rightarrow -0.008052701 0.6 \Rightarrow -0.00244574 0.7 \Rightarrow -0.012245861 0.8 \Rightarrow -0.012772641 0.9 \Rightarrow -0.018615715 1 \Rightarrow -0.012950619 else \Rightarrow .
else \Rightarrow .	0.1 \Rightarrow 0 0.2 \Rightarrow 0 0.3 \Rightarrow 0 0.4 \Rightarrow 0 0.5 \Rightarrow 0 0.6 \Rightarrow 0 0.7 \Rightarrow 0 0.8 \Rightarrow 0 0.9 \Rightarrow 0 1 \Rightarrow 0 else \Rightarrow .
0.05 \Rightarrow Match(beta)	0.1 \Rightarrow 0 0.2 \Rightarrow 0 0.3 \Rightarrow 0 0.4 \Rightarrow 0 0.5 \Rightarrow 0 0.6 \Rightarrow 0 0.7 \Rightarrow 0 0.8 \Rightarrow 0 0.9 \Rightarrow 0 1 \Rightarrow 0 else \Rightarrow .
0.1 \Rightarrow Match(beta)	0.1 \Rightarrow 0 0.2 \Rightarrow -0.002461996 0.3 \Rightarrow 0.0318907261 0.4 \Rightarrow 0.028478957 0.5 \Rightarrow 0.0360832348 0.6 \Rightarrow 0.0353507277 0.7 \Rightarrow 0.0519776272 0.8 \Rightarrow 0.0742986739 0.9 \Rightarrow 0.0643883724 1 \Rightarrow 0.0746221553 else \Rightarrow .
0.15 \Rightarrow Match(beta)	0.1 \Rightarrow 0 0.2 \Rightarrow 0.0088161995 0.3 \Rightarrow 0.0372688444 0.4 \Rightarrow 0.0512728104 0.5 \Rightarrow 0.0599708285 0.6 \Rightarrow 0.062401473

Response R(beta, 0)	
Prediction Expression	
	$\begin{cases} 0.7 \Rightarrow 0.079228198 \\ 0.8 \Rightarrow 0.0914986476 \\ 0.9 \Rightarrow 0.0919247381 \\ 1 \Rightarrow 0.1045722421 \\ \text{else} \Rightarrow . \end{cases}$
	$\begin{cases} 0.1 \Rightarrow 0 \\ 0.2 \Rightarrow 0.0233073789 \\ 0.3 \Rightarrow 0.0567539963 \\ 0.4 \Rightarrow 0.0777097433 \\ 0.5 \Rightarrow 0.0856855804 \\ 0.6 \Rightarrow 0.0878867855 \\ 0.7 \Rightarrow 0.1104127237 \\ 0.8 \Rightarrow 0.1374617476 \\ 0.9 \Rightarrow 0.1331011155 \\ 1 \Rightarrow 0.1519548329 \\ \text{else} \Rightarrow . \end{cases}$
	$\begin{cases} 0.1 \Rightarrow 0 \\ 0.2 \Rightarrow 0.0356045419 \\ 0.3 \Rightarrow 0.0677026503 \\ 0.4 \Rightarrow 0.10721832 \\ 0.5 \Rightarrow 0.1189590465 \\ 0.6 \Rightarrow 0.1312177586 \\ 0.7 \Rightarrow 0.1508085426 \\ 0.8 \Rightarrow 0.1747641997 \\ 0.9 \Rightarrow 0.1841023652 \\ 1 \Rightarrow 0.2020890281 \\ \text{else} \Rightarrow . \end{cases}$
	$\begin{cases} 0.1 \Rightarrow 0 \\ 0.2 \Rightarrow 0.0565561823 \\ 0.3 \Rightarrow 0.1217295259 \\ 0.4 \Rightarrow 0.1532413213 \\ 0.5 \Rightarrow 0.1738294712 \\ 0.6 \Rightarrow 0.1899457407 \\ 0.7 \Rightarrow 0.2161017989 \\ 0.8 \Rightarrow 0.2487238813 \\ 0.9 \Rightarrow 0.2569697132 \\ 1 \Rightarrow 0.2730685481 \end{cases}$

Response R(beta, 0)	
Prediction Expression	
	else \Rightarrow .
	0.1 \Rightarrow 0
	0.2 \Rightarrow 0.0807963522
	0.3 \Rightarrow 0.1454279346
	0.4 \Rightarrow 0.1899240598
	0.5 \Rightarrow 0.211274317
+ Match(alpha)	0.35 \Rightarrow Match(beta)
	0.6 \Rightarrow 0.2277403028
	0.7 \Rightarrow 0.2510026846
	0.8 \Rightarrow 0.275556161
	0.9 \Rightarrow 0.2816274378
	1 \Rightarrow 0.3047316766
	else \Rightarrow .
	0.1 \Rightarrow 0
	0.2 \Rightarrow 0.1251670822
	0.3 \Rightarrow 0.1948699489
	0.4 \Rightarrow 0.2389321925
	0.5 \Rightarrow 0.2586287953
0.4	\Rightarrow Match(beta)
	0.6 \Rightarrow 0.2765539648
	0.7 \Rightarrow 0.299336619
	0.8 \Rightarrow 0.3256081718
	0.9 \Rightarrow 0.3304301353
	1 \Rightarrow 0.3482197983
	else \Rightarrow .
	0.1 \Rightarrow 0
	0.2 \Rightarrow 0.1444967764
	0.3 \Rightarrow 0.2278717733
	0.4 \Rightarrow 0.2694304813
	0.5 \Rightarrow 0.2905981485
0.45	\Rightarrow Match(beta)
	0.6 \Rightarrow 0.3041575847
	0.7 \Rightarrow 0.3212603685
	0.8 \Rightarrow 0.3501444209
	0.9 \Rightarrow 0.3523479626
	1 \Rightarrow 0.367445886
	else \Rightarrow .
	0.1 \Rightarrow 0
	0.2 \Rightarrow 0.1819136891

Response R(beta, 0)	
Prediction Expression	
0.5 \Rightarrow Match(beta)	$0.3 \Rightarrow 0.2819470919$ $0.4 \Rightarrow 0.3275944829$ $0.5 \Rightarrow 0.3445930619$ $0.6 \Rightarrow 0.3542454754$ $0.7 \Rightarrow 0.3731821119$ $0.8 \Rightarrow 0.3943652388$ $0.9 \Rightarrow 0.3971379086$ $1 \Rightarrow 0.410672271$ else $\Rightarrow .$
0.55 \Rightarrow Match(beta)	$0.1 \Rightarrow 0$ $0.2 \Rightarrow 0.2187303084$ $0.3 \Rightarrow 0.3654117791$ $0.4 \Rightarrow 0.4313611774$ $0.5 \Rightarrow 0.4528340652$ $0.6 \Rightarrow 0.4652216613$ $0.7 \Rightarrow 0.4815839773$ $0.8 \Rightarrow 0.5050948308$ $0.9 \Rightarrow 0.5076937098$ $1 \Rightarrow 0.5218709126$ else $\Rightarrow .$
0.6 \Rightarrow Match(beta)	$0.1 \Rightarrow 0$ $0.2 \Rightarrow 0.2147207904$ $0.3 \Rightarrow 0.4268913496$ $0.4 \Rightarrow 0.5210330251$ $0.5 \Rightarrow 0.5526050198$ $0.6 \Rightarrow 0.5670077661$ $0.7 \Rightarrow 0.5864548415$ $0.8 \Rightarrow 0.6090144265$ $0.9 \Rightarrow 0.6117139993$ $1 \Rightarrow 0.6256780625$ else $\Rightarrow .$
0.65 \Rightarrow Match(beta)	$0.1 \Rightarrow 0$ $0.2 \Rightarrow 0.1562369735$ $0.3 \Rightarrow 0.3973285385$ $0.4 \Rightarrow 0.559448422$ $0.5 \Rightarrow 0.6097357053$ $0.6 \Rightarrow 0.629167637$

Response R(beta, 0)	Prediction Expression
0.7	$0.7 \Rightarrow 0.648233292$
0.8	$0.8 \Rightarrow 0.6729230782$
0.9	$0.9 \Rightarrow 0.6759989696$
1	$1 \Rightarrow 0.6891051973$
else	$\Rightarrow .$
0.05	$0.05 \Rightarrow \text{Match}(\beta)$
0.1	$0.1 \Rightarrow \text{Match}(\beta)$
0.15	$0.15 \Rightarrow \text{Match}(\beta)$

Response R(beta, 0)	
Prediction Expression	
	$0.9 \Rightarrow -0.026293474$ $1 \Rightarrow -0.019808013$ $\text{else} \Rightarrow .$
	$0.1 \Rightarrow 0$ $0.2 \Rightarrow -0.007483958$ $0.3 \Rightarrow -0.015471445$ $0.4 \Rightarrow -0.016927814$ $0.5 \Rightarrow -0.013947206$
0.2 $\Rightarrow \text{Match}(\beta)$	$0.6 \Rightarrow -0.017516318$ $0.7 \Rightarrow -0.02252697$ $0.8 \Rightarrow -0.028164861$ $0.9 \Rightarrow -0.028242471$ $1 \Rightarrow -0.026327432$ $\text{else} \Rightarrow .$
	$0.1 \Rightarrow 0$ $0.2 \Rightarrow -0.007718332$ $0.3 \Rightarrow -0.017295055$ $0.4 \Rightarrow -0.025363619$ $0.5 \Rightarrow -0.018291443$
0.25 $\Rightarrow \text{Match}(\beta)$	$0.6 \Rightarrow -0.01535156$ $0.7 \Rightarrow -0.023624196$ $0.8 \Rightarrow -0.018703613$ $0.9 \Rightarrow -0.02632631$ $1 \Rightarrow -0.017472304$ $\text{else} \Rightarrow .$
	$0.1 \Rightarrow 0$ $0.2 \Rightarrow -0.025704913$ $0.3 \Rightarrow -0.023506459$ $0.4 \Rightarrow -0.034065917$ $0.5 \Rightarrow -0.024125711$
0.3 $\Rightarrow \text{Match}(\beta)$	$0.6 \Rightarrow -0.021353512$ $0.7 \Rightarrow -0.02691131$ $0.8 \Rightarrow -0.029660372$ $0.9 \Rightarrow -0.033498103$ $1 \Rightarrow -0.026541721$ $\text{else} \Rightarrow .$
	$b_1 \Rightarrow 0$

Response R(beta, 0)	
Prediction Expression	
"NCAR" \Rightarrow Match(alpha)	$0.35 \Rightarrow \text{Match}(\beta)$ $0.4 \Rightarrow \text{Match}(\beta)$ $0.45 \Rightarrow \text{Match}(\beta)$ $0.5 \Rightarrow \text{Match}(\beta)$
	$\begin{cases} 0.2 \Rightarrow -0.016246687 \\ 0.3 \Rightarrow -0.02171218 \\ 0.4 \Rightarrow -0.025930741 \\ 0.5 \Rightarrow -0.024964392 \\ 0.6 \Rightarrow -0.017468623 \\ 0.7 \Rightarrow -0.024578674 \\ 0.8 \Rightarrow -0.025041782 \\ 0.9 \Rightarrow -0.030121138 \\ 1 \Rightarrow -0.023341819 \\ \text{else} \Rightarrow . \end{cases}$ $\begin{cases} 0.1 \Rightarrow 0 \\ 0.2 \Rightarrow -0.021640153 \\ 0.3 \Rightarrow -0.033191165 \\ 0.4 \Rightarrow -0.040166295 \\ 0.5 \Rightarrow -0.03303018 \\ 0.6 \Rightarrow -0.027037956 \\ 0.7 \Rightarrow -0.036772648 \\ 0.8 \Rightarrow -0.034765545 \\ 0.9 \Rightarrow -0.038743468 \\ 1 \Rightarrow -0.031199047 \\ \text{else} \Rightarrow . \end{cases}$ $\begin{cases} 0.1 \Rightarrow 0 \\ 0.2 \Rightarrow -0.036352745 \\ 0.3 \Rightarrow -0.050601981 \\ 0.4 \Rightarrow -0.060546772 \\ 0.5 \Rightarrow -0.056545164 \\ 0.6 \Rightarrow -0.052495766 \\ 0.7 \Rightarrow -0.061151748 \\ 0.8 \Rightarrow -0.061074003 \\ 0.9 \Rightarrow -0.063876437 \\ 1 \Rightarrow -0.057410062 \\ \text{else} \Rightarrow . \end{cases}$ $\begin{cases} 0.1 \Rightarrow 0 \\ 0.2 \Rightarrow -0.017967671 \\ 0.3 \Rightarrow -0.041111607 \\ 0.4 \Rightarrow -0.060464591 \\ 0.5 \Rightarrow -0.066600725 \\ 0.6 \Rightarrow -0.071000000 \\ 0.7 \Rightarrow -0.074000000 \\ 0.8 \Rightarrow -0.075000000 \\ 0.9 \Rightarrow -0.074000000 \\ 1 \Rightarrow -0.071000000 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)	
Prediction Expression	
	$0.5 \Rightarrow \text{Match}(\beta)$ $0.6 \Rightarrow -0.056297278$ $0.7 \Rightarrow -0.054931881$ $0.8 \Rightarrow -0.065288659$ $0.9 \Rightarrow -0.064232751$ $1 \Rightarrow -0.06961582$ $\text{else} \Rightarrow .$
	$0.1 \Rightarrow 0$ $0.2 \Rightarrow 0.0072578706$ $0.3 \Rightarrow -0.020273878$ $0.4 \Rightarrow -0.047466678$ $0.5 \Rightarrow -0.049978481$ $0.55 \Rightarrow \text{Match}(\beta)$ $0.6 \Rightarrow -0.046535386$ $0.7 \Rightarrow -0.055995467$ $0.8 \Rightarrow -0.055895912$ $0.9 \Rightarrow -0.062863324$ $1 \Rightarrow -0.056622704$ $\text{else} \Rightarrow .$
	$0.1 \Rightarrow 0$ $0.2 \Rightarrow 0.0106607432$ $0.3 \Rightarrow 0.0069561959$ $0.4 \Rightarrow -0.022143389$ $0.5 \Rightarrow -0.029134866$ $0.6 \Rightarrow \text{Match}(\beta)$ $0.6 \Rightarrow -0.026389979$ $0.7 \Rightarrow -0.037859916$ $0.8 \Rightarrow -0.035906259$ $0.9 \Rightarrow -0.043949279$ $1 \Rightarrow -0.037271367$ $\text{else} \Rightarrow .$
	$0.1 \Rightarrow 0$ $0.2 \Rightarrow 0.0331259356$ $0.3 \Rightarrow 0.0318537108$ $0.4 \Rightarrow 0.0001934729$ $0.5 \Rightarrow -0.00798583$ $0.65 \Rightarrow \text{Match}(\beta)$ $0.6 \Rightarrow -0.007381647$ $0.7 \Rightarrow -0.018476811$ $0.8 \Rightarrow -0.019480591$

Response R(beta, 0)	
Prediction Expression	
+ Match(T)	$\begin{cases} \text{else } \Rightarrow . \\ \dots \\ \dots \end{cases}$
	$\begin{cases} 0.9 \Rightarrow -0.025127042 \\ 1 \Rightarrow -0.01908277 \\ \text{else } \Rightarrow . \\ \dots \\ \dots \end{cases}$
	$\begin{cases} 0.1 \Rightarrow 0 \\ 0.2 \Rightarrow 0 \\ 0.3 \Rightarrow 0 \\ 0.4 \Rightarrow 0 \\ 0.5 \Rightarrow 0 \\ 0.05 \Rightarrow \text{Match}(\beta) \\ 0.6 \Rightarrow 0 \\ 0.7 \Rightarrow 0 \\ 0.8 \Rightarrow 0 \\ 0.9 \Rightarrow 0 \\ 1 \Rightarrow 0 \\ \text{else } \Rightarrow . \end{cases}$
	$\begin{cases} 0.1 \Rightarrow 0 \\ 0.2 \Rightarrow 0.0009512395 \\ 0.3 \Rightarrow -0.002925537 \\ 0.4 \Rightarrow 0.0095937371 \\ 0.5 \Rightarrow 0.0106456607 \\ 0.1 \Rightarrow \text{Match}(\beta) \\ 0.6 \Rightarrow 0.0073911545 \\ 0.7 \Rightarrow 0.016379893 \\ 0.8 \Rightarrow 0.0153272755 \\ 0.9 \Rightarrow 0.0274825503 \\ 1 \Rightarrow 0.0143170523 \\ \text{else } \Rightarrow . \end{cases}$
	$\begin{cases} 0.1 \Rightarrow 0 \\ 0.2 \Rightarrow 0.0068817205 \\ 0.3 \Rightarrow 0.0028772191 \\ 0.4 \Rightarrow 0.0104974585 \\ 0.5 \Rightarrow 0.0136289133 \\ 0.15 \Rightarrow \text{Match}(\beta) \\ 0.6 \Rightarrow -0.001308826 \\ 0.7 \Rightarrow 0.0151893038 \\ 0.8 \Rightarrow 0.015293643 \\ 0.9 \Rightarrow 0.0262934744 \\ 1 \Rightarrow 0.0198080131 \end{cases}$

Response R(beta, 0)	
Prediction Expression	
	else => .
	0.1 => 0
	0.2 => 0.0074839583
	0.3 => 0.015471445
	0.4 => 0.0169278137
	0.5 => 0.0139472065
0.2 => Match(beta)	0.6 => 0.0175163183
	0.7 => 0.0225269702
	0.8 => 0.0281648607
	0.9 => 0.0282424713
	1 => 0.026327432
	else => .
	0.1 => 0
	0.2 => 0.0077183318
	0.3 => 0.0172950552
	0.4 => 0.0253636192
	0.5 => 0.0182914431
0.25 => Match(beta)	0.6 => 0.0153515605
	0.7 => 0.0236241963
	0.8 => 0.0187036134
	0.9 => 0.0263263101
	1 => 0.0174723036
	else => .
	0.1 => 0
	0.2 => 0.0257049133
	0.3 => 0.0235064592
	0.4 => 0.0340659169
	0.5 => 0.0241257108
0.3 => Match(beta)	0.6 => 0.0213535118
	0.7 => 0.0269113104
	0.8 => 0.029660372
	0.9 => 0.0334981026
	1 => 0.0265417214
	else => .
	0.1 => 0
	0.2 => 0.0162466869
	0.3 => 0.0217121805

Response R(beta, 0)																																						
Prediction Expression																																						
"NNAR" \Rightarrow Match(alpha)	0.35 \Rightarrow Match(beta) <table border="1"> <tr><td>0.4 \Rightarrow 0.0259307406</td></tr> <tr><td>0.5 \Rightarrow 0.024964392</td></tr> <tr><td>0.6 \Rightarrow 0.0174686232</td></tr> <tr><td>0.7 \Rightarrow 0.0245786745</td></tr> <tr><td>0.8 \Rightarrow 0.0250417816</td></tr> <tr><td>0.9 \Rightarrow 0.030121138</td></tr> <tr><td>1 \Rightarrow 0.0233418186</td></tr> <tr><td>else \Rightarrow .</td></tr> </table> 0.4 \Rightarrow Match(beta) <table border="1"> <tr><td>0.1 \Rightarrow 0</td></tr> <tr><td>0.2 \Rightarrow 0.0216401533</td></tr> <tr><td>0.3 \Rightarrow 0.0331911652</td></tr> <tr><td>0.4 \Rightarrow 0.0401662949</td></tr> <tr><td>0.5 \Rightarrow 0.0330301795</td></tr> <tr><td>0.6 \Rightarrow 0.0270379557</td></tr> <tr><td>0.7 \Rightarrow 0.036772648</td></tr> <tr><td>0.8 \Rightarrow 0.0347655454</td></tr> <tr><td>0.9 \Rightarrow 0.0387434677</td></tr> <tr><td>1 \Rightarrow 0.0311990474</td></tr> <tr><td>else \Rightarrow .</td></tr> </table> 0.45 \Rightarrow Match(beta) <table border="1"> <tr><td>0.1 \Rightarrow 0</td></tr> <tr><td>0.2 \Rightarrow 0.0363527446</td></tr> <tr><td>0.3 \Rightarrow 0.0506019812</td></tr> <tr><td>0.4 \Rightarrow 0.0605467723</td></tr> <tr><td>0.5 \Rightarrow 0.0565451638</td></tr> <tr><td>0.6 \Rightarrow 0.0524957658</td></tr> <tr><td>0.7 \Rightarrow 0.0611517484</td></tr> <tr><td>0.8 \Rightarrow 0.0610740027</td></tr> <tr><td>0.9 \Rightarrow 0.0638764372</td></tr> <tr><td>1 \Rightarrow 0.0574100623</td></tr> <tr><td>else \Rightarrow .</td></tr> </table> 0.5 \Rightarrow Match(beta) <table border="1"> <tr><td>0.1 \Rightarrow 0</td></tr> <tr><td>0.2 \Rightarrow 0.0179676714</td></tr> <tr><td>0.3 \Rightarrow 0.0411116072</td></tr> <tr><td>0.4 \Rightarrow 0.0604645911</td></tr> <tr><td>0.5 \Rightarrow 0.0562972776</td></tr> <tr><td>0.6 \Rightarrow 0.0549318812</td></tr> <tr><td>0.7 \Rightarrow 0.0652886592</td></tr> </table>	0.4 \Rightarrow 0.0259307406	0.5 \Rightarrow 0.024964392	0.6 \Rightarrow 0.0174686232	0.7 \Rightarrow 0.0245786745	0.8 \Rightarrow 0.0250417816	0.9 \Rightarrow 0.030121138	1 \Rightarrow 0.0233418186	else \Rightarrow .	0.1 \Rightarrow 0	0.2 \Rightarrow 0.0216401533	0.3 \Rightarrow 0.0331911652	0.4 \Rightarrow 0.0401662949	0.5 \Rightarrow 0.0330301795	0.6 \Rightarrow 0.0270379557	0.7 \Rightarrow 0.036772648	0.8 \Rightarrow 0.0347655454	0.9 \Rightarrow 0.0387434677	1 \Rightarrow 0.0311990474	else \Rightarrow .	0.1 \Rightarrow 0	0.2 \Rightarrow 0.0363527446	0.3 \Rightarrow 0.0506019812	0.4 \Rightarrow 0.0605467723	0.5 \Rightarrow 0.0565451638	0.6 \Rightarrow 0.0524957658	0.7 \Rightarrow 0.0611517484	0.8 \Rightarrow 0.0610740027	0.9 \Rightarrow 0.0638764372	1 \Rightarrow 0.0574100623	else \Rightarrow .	0.1 \Rightarrow 0	0.2 \Rightarrow 0.0179676714	0.3 \Rightarrow 0.0411116072	0.4 \Rightarrow 0.0604645911	0.5 \Rightarrow 0.0562972776	0.6 \Rightarrow 0.0549318812	0.7 \Rightarrow 0.0652886592
0.4 \Rightarrow 0.0259307406																																						
0.5 \Rightarrow 0.024964392																																						
0.6 \Rightarrow 0.0174686232																																						
0.7 \Rightarrow 0.0245786745																																						
0.8 \Rightarrow 0.0250417816																																						
0.9 \Rightarrow 0.030121138																																						
1 \Rightarrow 0.0233418186																																						
else \Rightarrow .																																						
0.1 \Rightarrow 0																																						
0.2 \Rightarrow 0.0216401533																																						
0.3 \Rightarrow 0.0331911652																																						
0.4 \Rightarrow 0.0401662949																																						
0.5 \Rightarrow 0.0330301795																																						
0.6 \Rightarrow 0.0270379557																																						
0.7 \Rightarrow 0.036772648																																						
0.8 \Rightarrow 0.0347655454																																						
0.9 \Rightarrow 0.0387434677																																						
1 \Rightarrow 0.0311990474																																						
else \Rightarrow .																																						
0.1 \Rightarrow 0																																						
0.2 \Rightarrow 0.0363527446																																						
0.3 \Rightarrow 0.0506019812																																						
0.4 \Rightarrow 0.0605467723																																						
0.5 \Rightarrow 0.0565451638																																						
0.6 \Rightarrow 0.0524957658																																						
0.7 \Rightarrow 0.0611517484																																						
0.8 \Rightarrow 0.0610740027																																						
0.9 \Rightarrow 0.0638764372																																						
1 \Rightarrow 0.0574100623																																						
else \Rightarrow .																																						
0.1 \Rightarrow 0																																						
0.2 \Rightarrow 0.0179676714																																						
0.3 \Rightarrow 0.0411116072																																						
0.4 \Rightarrow 0.0604645911																																						
0.5 \Rightarrow 0.0562972776																																						
0.6 \Rightarrow 0.0549318812																																						
0.7 \Rightarrow 0.0652886592																																						

Response R(beta, 0)	
Prediction Expression	
	$0.7 \Rightarrow 0.0052080592$
	$0.8 \Rightarrow 0.0642327515$
	$0.9 \Rightarrow 0.0696158201$
	$1 \Rightarrow 0.0640430585$
	else $\Rightarrow .$
	$0.1 \Rightarrow 0$
	$0.2 \Rightarrow -0.007257871$
	$0.3 \Rightarrow 0.0202738781$
	$0.4 \Rightarrow 0.0474666778$
	$0.5 \Rightarrow 0.0499784813$
$0.55 \Rightarrow \text{Match}(\beta)$	$0.6 \Rightarrow 0.046535386$
	$0.7 \Rightarrow 0.0559954671$
	$0.8 \Rightarrow 0.0558959123$
	$0.9 \Rightarrow 0.0628633236$
	$1 \Rightarrow 0.0566227037$
	else $\Rightarrow .$
	$0.1 \Rightarrow 0$
	$0.2 \Rightarrow -0.010660743$
	$0.3 \Rightarrow -0.006956196$
	$0.4 \Rightarrow 0.0221433886$
	$0.5 \Rightarrow 0.0291348659$
$0.6 \Rightarrow \text{Match}(\beta)$	$0.6 \Rightarrow 0.0263899794$
	$0.7 \Rightarrow 0.0378599155$
	$0.8 \Rightarrow 0.0359062594$
	$0.9 \Rightarrow 0.0439492789$
	$1 \Rightarrow 0.0372713672$
	else $\Rightarrow .$
	$0.1 \Rightarrow 0$
	$0.2 \Rightarrow -0.033125936$
	$0.3 \Rightarrow -0.031853711$
	$0.4 \Rightarrow -0.000193473$
	$0.5 \Rightarrow 0.0079858301$
$0.65 \Rightarrow \text{Match}(\beta)$	$0.6 \Rightarrow 0.0073816473$
	$0.7 \Rightarrow 0.0184768106$
	$0.8 \Rightarrow 0.0194805905$
	$0.9 \Rightarrow 0.0251270415$
	$1 \Rightarrow 0.0190827697$

Response R(beta, 0)

Prediction Expression

```

else      => .
"lstm"  => 0.0200634701
"mnb"   => -0.017162029
"sgd"   => -0.002901441
else      => .

+ Match(f())
  "NCAR" => Match(f())
    "lstm"  => -0.005875306
    "mnb"   => 0.0077538905
    "sgd"   => -0.001878585
    else      => .

+ Match(T)
  "NNAR" => Match(f())
    "lstm"  => 0.0058753057
    "mnb"   => -0.007753891
    "sgd"   => 0.0018785848
    else      => .

else      => .

0.05 => Match(f())
  "lstm"  => 0
  "mnb"   => 0
  "sgd"   => 0
  else      => .

0.1  => Match(f())
  "lstm"  => 0.0183886756
  "mnb"   => -0.005621463
  "sgd"   => -0.012767213
  else      => .

0.15 => Match(f())
  "lstm"  => 0.0306384576
  "mnb"   => -0.010255674
  "sgd"   => -0.020382784
  else      => .

0.2  => Match(f())
  "lstm"  => 0.0028624426
  "mnb"   => 0.0012620598
  "sgd"   => -0.004124502
  else      => .

0.25 => Match(f())
  "lstm"  => -0.00177937
  "mnb"   => -0.002399598

```

Response R(beta, 0)**Prediction Expression**

		$\left\{ \begin{array}{l} "sgd" \Rightarrow 0.0041789681 \\ \text{else} \Rightarrow . \end{array} \right\}$
	$0.3 \Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow -0.034535909 \\ "mnb" \Rightarrow 0.0314293917 \\ "sgd" \Rightarrow 0.0031065169 \\ \text{else} \Rightarrow . \end{array} \right\}$
$+ \text{Match}(\alpha)$	$0.35 \Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow -0.094723347 \\ "mnb" \Rightarrow 0.0701803337 \\ "sgd" \Rightarrow 0.0245430135 \\ \text{else} \Rightarrow . \end{array} \right\}$
	$0.4 \Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow -0.15883285 \\ "mnb" \Rightarrow 0.1369224171 \\ "sgd" \Rightarrow 0.0219104332 \\ \text{else} \Rightarrow . \end{array} \right\}$
	$0.45 \Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow -0.238633381 \\ "mnb" \Rightarrow 0.159664156 \\ "sgd" \Rightarrow 0.0789692248 \\ \text{else} \Rightarrow . \end{array} \right\}$
	$0.5 \Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow -0.25069534 \\ "mnb" \Rightarrow 0.1470050258 \\ "sgd" \Rightarrow 0.1036903143 \\ \text{else} \Rightarrow . \end{array} \right\}$
	$0.55 \Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow -0.15852088 \\ "mnb" \Rightarrow 0.0854930377 \\ "sgd" \Rightarrow 0.0730278426 \\ \text{else} \Rightarrow . \end{array} \right\}$
	$0.6 \Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow -0.06235569 \\ "mnb" \Rightarrow 0.0351627123 \\ "sgd" \Rightarrow 0.0271929775 \\ \text{else} \Rightarrow . \end{array} \right\}$
	$0.65 \Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0030592562 \\ "mnb" \Rightarrow 0.0045578419 \\ "sgd" \Rightarrow -0.007617098 \\ \text{else} \Rightarrow . \end{array} \right\}$
		$\text{else} \Rightarrow .$

0.05 \Rightarrow Match(f()	$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
0.1 \Rightarrow Match(f()	$\begin{cases} \text{"lstm"} \Rightarrow 0.0091568861 \\ \text{"mnb"} \Rightarrow -0.005145551 \\ \text{"sgd"} \Rightarrow -0.004011335 \\ \text{else} \Rightarrow . \end{cases}$
0.15 \Rightarrow Match(f()	$\begin{cases} \text{"lstm"} \Rightarrow -0.010060561 \\ \text{"mnb"} \Rightarrow -0.005064204 \\ \text{"sgd"} \Rightarrow 0.0151247644 \\ \text{else} \Rightarrow . \end{cases}$
0.2 \Rightarrow Match(f()	$\begin{cases} \text{"lstm"} \Rightarrow 0.0152444224 \\ \text{"mnb"} \Rightarrow 0.0023919311 \\ \text{"sgd"} \Rightarrow -0.017636354 \\ \text{else} \Rightarrow . \end{cases}$
0.25 \Rightarrow Match(f()	$\begin{cases} \text{"lstm"} \Rightarrow 0.0131813827 \\ \text{"mnb"} \Rightarrow 0.0035516994 \\ \text{"sgd"} \Rightarrow -0.016733082 \\ \text{else} \Rightarrow . \end{cases}$
0.3 \Rightarrow Match(f()	$\begin{cases} \text{"lstm"} \Rightarrow 0.0166021126 \\ \text{"mnb"} \Rightarrow -0.021614823 \\ \text{"sgd"} \Rightarrow 0.0050127101 \\ \text{else} \Rightarrow . \end{cases}$
"NCAR" \Rightarrow Match(alpha)	$\begin{cases} \text{"lstm"} \Rightarrow 0.0498069703 \\ \text{"mnb"} \Rightarrow -0.028416253 \\ \text{"sgd"} \Rightarrow -0.021390718 \\ \text{else} \Rightarrow . \end{cases}$
0.4 \Rightarrow Match(f()	$\begin{cases} \text{"lstm"} \Rightarrow 0.0437850547 \\ \text{"mnb"} \Rightarrow -0.024096432 \\ \text{"sgd"} \Rightarrow -0.019688622 \\ \text{else} \Rightarrow . \end{cases}$
	$\begin{cases} \text{"lstm"} \Rightarrow -1.076079e-5 \\ \text{"mnb"} \Rightarrow 0.020644285 \end{cases}$

Prediction Expression	Response R(beta, 0)
	$0.45 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.020074585 \\ \text{"mnb"} \Rightarrow 0.0206551461 \\ \text{"sgd"} \Rightarrow . \\ \text{else} \Rightarrow . \end{array} \right)$
	$0.5 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.039310736 \\ \text{"mnb"} \Rightarrow 0.0092572256 \\ \text{"sgd"} \Rightarrow 0.0300535108 \\ \text{else} \Rightarrow . \end{array} \right)$
	$0.55 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.037922728 \\ \text{"mnb"} \Rightarrow 0.0195126244 \\ \text{"sgd"} \Rightarrow 0.0184101035 \\ \text{else} \Rightarrow . \end{array} \right)$
	$0.6 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.020615719 \\ \text{"mnb"} \Rightarrow 0.000884381 \\ \text{"sgd"} \Rightarrow 0.0197313379 \\ \text{else} \Rightarrow . \end{array} \right)$
	$0.65 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.002414006 \\ \text{"mnb"} \Rightarrow -0.001297748 \\ \text{"sgd"} \Rightarrow 0.0037117539 \\ \text{else} \Rightarrow . \end{array} \right)$
	$\text{else} \Rightarrow .$
$+ \text{Match}(T)$	
	$0.05 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{array} \right)$
	$0.1 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.009156886 \\ \text{"mnb"} \Rightarrow 0.0051455507 \\ \text{"sgd"} \Rightarrow 0.0040113354 \\ \text{else} \Rightarrow . \end{array} \right)$
	$0.15 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0.0100605608 \\ \text{"mnb"} \Rightarrow 0.0050642036 \\ \text{"sgd"} \Rightarrow -0.015124764 \\ \text{else} \Rightarrow . \end{array} \right)$
	$0.2 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.015244422 \\ \text{"mnb"} \Rightarrow -0.002391931 \\ \text{"sgd"} \Rightarrow 0.0176363535 \\ \text{else} \Rightarrow . \end{array} \right)$

Response R(beta, 0)**Prediction Expression**

		$\begin{cases} \text{else} \Rightarrow . \\ \text{"lstm"} \Rightarrow -0.013181383 \\ \text{"mnb"} \Rightarrow -0.003551699 \\ \text{"sgd"} \Rightarrow 0.0167330821 \\ \text{else} \Rightarrow . \end{cases}$
	0.25 $\Rightarrow \text{Match}(f())$	$\begin{cases} \text{"lstm"} \Rightarrow -0.016602113 \\ \text{"mnb"} \Rightarrow 0.0216148227 \\ \text{"sgd"} \Rightarrow -0.00501271 \\ \text{else} \Rightarrow . \end{cases}$
	0.3 $\Rightarrow \text{Match}(f())$	$\begin{cases} \text{"lstm"} \Rightarrow -0.04980697 \\ \text{"mnb"} \Rightarrow 0.0284162527 \\ \text{"sgd"} \Rightarrow 0.0213907175 \\ \text{else} \Rightarrow . \end{cases}$
"NNAR" $\Rightarrow \text{Match}(\alpha)$	0.35 $\Rightarrow \text{Match}(f())$	$\begin{cases} \text{"lstm"} \Rightarrow -0.043785055 \\ \text{"mnb"} \Rightarrow 0.0240964323 \\ \text{"sgd"} \Rightarrow 0.0196886224 \\ \text{else} \Rightarrow . \end{cases}$
	0.4 $\Rightarrow \text{Match}(f())$	$\begin{cases} \text{"lstm"} \Rightarrow 0.0000107608 \\ \text{"mnb"} \Rightarrow 0.0206443853 \\ \text{"sgd"} \Rightarrow -0.020655146 \\ \text{else} \Rightarrow . \end{cases}$
	0.45 $\Rightarrow \text{Match}(f())$	$\begin{cases} \text{"lstm"} \Rightarrow 0.0393107364 \\ \text{"mnb"} \Rightarrow -0.009257226 \\ \text{"sgd"} \Rightarrow -0.030053511 \\ \text{else} \Rightarrow . \end{cases}$
	0.5 $\Rightarrow \text{Match}(f())$	$\begin{cases} \text{"lstm"} \Rightarrow 0.0379227279 \\ \text{"mnb"} \Rightarrow -0.019512624 \\ \text{"sgd"} \Rightarrow -0.018410104 \\ \text{else} \Rightarrow . \end{cases}$
	0.55 $\Rightarrow \text{Match}(f())$	$\begin{cases} \text{"lstm"} \Rightarrow 0.0206157189 \\ \text{"mnb"} \Rightarrow -0.000884381 \\ \text{"sgd"} \Rightarrow -0.019731338 \\ \text{else} \Rightarrow . \end{cases}$
	0.6 $\Rightarrow \text{Match}(f())$	$\begin{cases} \text{"lstm"} \Rightarrow 0.0024140059 \end{cases}$

Response R(beta, 0)**Prediction Expression**

$$\begin{aligned}
 & \left| \begin{array}{l} \text{else} \Rightarrow . \\ \quad \left| \begin{array}{l} 0.65 \Rightarrow \text{Match}(f_0) \left\{ \begin{array}{l} \text{"mnb"} \Rightarrow 0.001297748 \\ \text{"sgd"} \Rightarrow -0.003711754 \\ \text{else} \Rightarrow . \end{array} \right. \\ \quad \text{else} \Rightarrow . \end{array} \right| \end{array} \right| \\
 & \left| \begin{array}{l} 0.1 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{array} \right) \\ 0.2 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0.0368792932 \\ \text{"mnb"} \Rightarrow -0.016429108 \\ \text{"sgd"} \Rightarrow -0.020450185 \\ \text{else} \Rightarrow . \end{array} \right) \\ 0.3 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0.0509302334 \\ \text{"mnb"} \Rightarrow -0.022816092 \\ \text{"sgd"} \Rightarrow -0.028114141 \\ \text{else} \Rightarrow . \end{array} \right) \\ 0.4 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0.0680581717 \\ \text{"mnb"} \Rightarrow -0.039063217 \\ \text{"sgd"} \Rightarrow -0.028994955 \\ \text{else} \Rightarrow . \end{array} \right) \\ 0.5 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0.1167415036 \\ \text{"mnb"} \Rightarrow -0.065505466 \\ \text{"sgd"} \Rightarrow -0.051236038 \\ \text{else} \Rightarrow . \end{array} \right) \\ + \text{Match}(\beta) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0.1483148299 \\ \text{"mnb"} \Rightarrow -0.086924986 \\ \text{"sgd"} \Rightarrow -0.061389844 \\ \text{else} \Rightarrow . \end{array} \right) \\ 0.6 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0.1731069669 \\ \text{"mnb"} \Rightarrow -0.099905661 \\ \text{"sgd"} \Rightarrow -0.073201306 \\ \text{else} \Rightarrow . \end{array} \right) \\ 0.7 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0.190187675 \\ \text{else} \Rightarrow . \end{array} \right) \end{array} \right| \end{aligned}$$

Response R(beta, 0)**Prediction Expression**

$0.8 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "mnb" \Rightarrow -0.112307995 \\ "sgd" \Rightarrow -0.07787968 \\ \text{else} \Rightarrow . \end{cases}$
$0.9 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.2427756388 \\ "mnb" \Rightarrow -0.127586288 \\ "sgd" \Rightarrow -0.115189351 \\ \text{else} \Rightarrow . \end{cases}$
$1 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.2731562762 \\ "mnb" \Rightarrow -0.14420766 \\ "sgd" \Rightarrow -0.128948616 \\ \text{else} \Rightarrow . \end{cases}$
$\text{else} \Rightarrow .$	
$0.1 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
$0.2 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow -0.000288261 \\ "mnb" \Rightarrow 0.0014424215 \\ "sgd" \Rightarrow -0.001154161 \\ \text{else} \Rightarrow . \end{cases}$
$0.3 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.0071472761 \\ "mnb" \Rightarrow -0.00847913 \\ "sgd" \Rightarrow 0.0013318535 \\ \text{else} \Rightarrow . \end{cases}$
$0.4 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.0104850733 \\ "mnb" \Rightarrow -0.004507328 \\ "sgd" \Rightarrow -0.005977745 \\ \text{else} \Rightarrow . \end{cases}$
$0.5 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.0150552917 \\ "mnb" \Rightarrow 0.0044811297 \\ "sgd" \Rightarrow -0.019536421 \\ \text{else} \Rightarrow . \end{cases}$
$"\text{NCAR"} \Rightarrow \text{Match}(\beta)$	$\begin{cases} "lstm" \Rightarrow 0.0073303281 \\ "mnb" \Rightarrow 0.007341294 \end{cases}$
$0.6 \Rightarrow \text{Match}(f_0)$	

Response R(beta, 0)**Prediction Expression**

		$"sgd" \Rightarrow -0.014671622$
		$"else" \Rightarrow .$
	$0.7 \Rightarrow \text{Match}(f_0)$	$"lstm" \Rightarrow 0.015952519$
		$"mnb" \Rightarrow 0.0040827416$
		$"sgd" \Rightarrow -0.020035261$
		$"else" \Rightarrow .$
	$0.8 \Rightarrow \text{Match}(f_0)$	$"lstm" \Rightarrow 0.0127994443$
		$"mnb" \Rightarrow -0.00569012$
		$"sgd" \Rightarrow -0.007109325$
		$"else" \Rightarrow .$
	$0.9 \Rightarrow \text{Match}(f_0)$	$"lstm" \Rightarrow 0.0105676073$
		$"mnb" \Rightarrow -0.00259201$
		$"sgd" \Rightarrow -0.007975597$
		$"else" \Rightarrow .$
	$1 \Rightarrow \text{Match}(f_0)$	$"lstm" \Rightarrow 0.0181505577$
		$"mnb" \Rightarrow 0.0034785221$
		$"sgd" \Rightarrow -0.02162908$
		$"else" \Rightarrow .$
$+ \text{Match}(T)$		$"else" \Rightarrow .$
	$0.1 \Rightarrow \text{Match}(f_0)$	$"lstm" \Rightarrow 0$
		$"mnb" \Rightarrow 0$
		$"sgd" \Rightarrow 0$
		$"else" \Rightarrow .$
	$0.2 \Rightarrow \text{Match}(f_0)$	$"lstm" \Rightarrow 0.0002882609$
		$"mnb" \Rightarrow -0.001442421$
		$"sgd" \Rightarrow 0.0011541605$
		$"else" \Rightarrow .$
	$0.3 \Rightarrow \text{Match}(f_0)$	$"lstm" \Rightarrow -0.007147276$
		$"mnb" \Rightarrow 0.0084791296$
		$"sgd" \Rightarrow -0.001331854$
		$"else" \Rightarrow .$
	$0.4 \Rightarrow \text{Match}(f_0)$	$"lstm" \Rightarrow -0.010485073$
		$"mnb" \Rightarrow 0.0045073282$
		$"sgd" \Rightarrow 0.0059777452$
		$"else" \Rightarrow .$

Response R(beta, 0)**Prediction Expression**

		$\text{else} \Rightarrow .$
	$0.5 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm} \Rightarrow -0.015055292 \\ \text{mnb} \Rightarrow -0.00448113 \\ \text{sgd} \Rightarrow 0.0195364214 \\ \text{else} \Rightarrow . \end{cases}$
	$"\text{NNAR} \Rightarrow \text{Match}(\beta)$	$\begin{cases} \text{lstm} \Rightarrow -0.007330328 \\ \text{mnb} \Rightarrow -0.007341294 \\ \text{sgd} \Rightarrow 0.0146716222 \\ \text{else} \Rightarrow . \end{cases}$
	$0.6 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm} \Rightarrow -0.015952519 \\ \text{mnb} \Rightarrow -0.004082742 \\ \text{sgd} \Rightarrow 0.0200352606 \\ \text{else} \Rightarrow . \end{cases}$
	$0.7 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm} \Rightarrow -0.012799444 \\ \text{mnb} \Rightarrow 0.0056901198 \\ \text{sgd} \Rightarrow 0.0071093246 \\ \text{else} \Rightarrow . \end{cases}$
	$0.8 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm} \Rightarrow -0.010567607 \\ \text{mnb} \Rightarrow 0.0025920098 \\ \text{sgd} \Rightarrow 0.0079755975 \\ \text{else} \Rightarrow . \end{cases}$
	$0.9 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm} \Rightarrow -0.018150558 \\ \text{mnb} \Rightarrow -0.003478522 \\ \text{sgd} \Rightarrow 0.0216290798 \\ \text{else} \Rightarrow . \end{cases}$
	$1 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm} \Rightarrow 0 \\ \text{mnb} \Rightarrow 0 \\ \text{sgd} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
	$\text{else} \Rightarrow .$	
	$0.1 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm} \Rightarrow 0 \\ \text{mnb} \Rightarrow 0 \\ \text{sgd} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
	$0.2 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm} \Rightarrow 0 \\ \text{mnb} \Rightarrow 0 \\ \text{sgd} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)**Prediction Expression**

		$\text{else} \Rightarrow \cdot /$
0.3 $\Rightarrow \text{Match}(f()$		$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow \cdot \end{cases}$
0.4 $\Rightarrow \text{Match}(f()$		$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow \cdot \end{cases}$
0.5 $\Rightarrow \text{Match}(f()$		$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow \cdot \end{cases}$
0.05 $\Rightarrow \text{Match}(\text{beta})$		$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow \cdot \end{cases}$
0.6 $\Rightarrow \text{Match}(f()$		$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow \cdot \end{cases}$
0.7 $\Rightarrow \text{Match}(f()$		$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow \cdot \end{cases}$
0.8 $\Rightarrow \text{Match}(f()$		$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow \cdot \end{cases}$
0.9 $\Rightarrow \text{Match}(f()$		$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow \cdot \end{cases}$
1 $\Rightarrow \text{Match}(f()$		$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow \cdot \end{cases}$
		$\text{else} \Rightarrow \cdot$

Response R(beta, 0)**Prediction Expression**

	$0.1 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
	$0.2 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow -0.004432217 \\ \text{"mnb"} \Rightarrow 0.0009339736 \\ \text{"sgd"} \Rightarrow 0.0034982437 \\ \text{else} \Rightarrow . \end{cases}$
	$0.3 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow 0.0208632008 \\ \text{"mnb"} \Rightarrow -0.025292111 \\ \text{"sgd"} \Rightarrow 0.0044289101 \\ \text{else} \Rightarrow . \end{cases}$
	$0.4 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow 0.0408000349 \\ \text{"mnb"} \Rightarrow -0.01570157 \\ \text{"sgd"} \Rightarrow -0.025098465 \\ \text{else} \Rightarrow . \end{cases}$
	$0.5 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow 0.0360512739 \\ \text{"mnb"} \Rightarrow -0.014395659 \\ \text{"sgd"} \Rightarrow -0.021655615 \\ \text{else} \Rightarrow . \end{cases}$
0.1	$\Rightarrow \text{Match}(\beta)$
	$0.6 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow 0.039830629 \\ \text{"mnb"} \Rightarrow -0.00808292 \\ \text{"sgd"} \Rightarrow -0.031747709 \\ \text{else} \Rightarrow . \end{cases}$
	$0.7 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow 0.0636619133 \\ \text{"mnb"} \Rightarrow -0.030523945 \\ \text{"sgd"} \Rightarrow -0.033137968 \\ \text{else} \Rightarrow . \end{cases}$
	$0.8 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow 0.0832541478 \\ \text{"mnb"} \Rightarrow -0.040533257 \\ \text{"sgd"} \Rightarrow -0.042720891 \\ \text{else} \Rightarrow . \end{cases}$
	$0.9 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow 0.0715703823 \\ \text{"mnb"} \Rightarrow -0.033419406 \\ \text{"sgd"} \Rightarrow -0.038150976 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)**Prediction Expression**

		$\left\{ \begin{array}{l} \text{else } \Rightarrow . \\ "lstm" \Rightarrow 0.0895779859 \\ "mnb" \Rightarrow -0.040513808 \\ "sgd" \Rightarrow -0.049064178 \\ \text{else } \Rightarrow . \end{array} \right\}$
1	$\Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else } \Rightarrow . \end{array} \right\}$
0.1	$\Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow -0.002853676 \\ "mnb" \Rightarrow -0.00508177 \\ "sgd" \Rightarrow 0.007935446 \\ \text{else } \Rightarrow . \end{array} \right\}$
0.2	$\Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0221528085 \\ "mnb" \Rightarrow -0.027597946 \\ "sgd" \Rightarrow 0.0054451374 \\ \text{else } \Rightarrow . \end{array} \right\}$
0.3	$\Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0494957644 \\ "mnb" \Rightarrow -0.029141876 \\ "sgd" \Rightarrow -0.020353889 \\ \text{else } \Rightarrow . \end{array} \right\}$
0.4	$\Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0253665949 \\ "mnb" \Rightarrow -0.023857745 \\ "sgd" \Rightarrow -0.00150885 \\ \text{else } \Rightarrow . \end{array} \right\}$
0.15	$\Rightarrow \text{Match}(\beta)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0506907249 \\ "mnb" \Rightarrow -0.036371055 \\ "sgd" \Rightarrow -0.01431967 \\ \text{else } \Rightarrow . \end{array} \right\}$
0.6	$\Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0637552488 \\ "mnb" \Rightarrow -0.052964485 \\ "sgd" \Rightarrow -0.010790763 \\ \text{else } \Rightarrow . \end{array} \right\}$
0.7	$\Rightarrow \text{Match}(f_0)$	

Response R(beta, 0)**Prediction Expression**

$0.8 \Rightarrow \text{Match}(f_0)$ $0.9 \Rightarrow \text{Match}(f_0)$ $1 \Rightarrow \text{Match}(f_0)$ \vdots $0.1 \Rightarrow \text{Match}(f_0)$ $0.2 \Rightarrow \text{Match}(f_0)$ $0.3 \Rightarrow \text{Match}(f_0)$ $0.4 \Rightarrow \text{Match}(f_0)$ $0.5 \Rightarrow \text{Match}(f_0)$ $0.2 \Rightarrow \text{Match}(\beta)$	$\begin{cases} "lstm" \Rightarrow 0.0972263121 \\ "mnb" \Rightarrow -0.058512738 \\ "sgd" \Rightarrow -0.038713574 \\ \text{else} \Rightarrow . \end{cases}$ $\begin{cases} "lstm" \Rightarrow 0.0941426212 \\ "mnb" \Rightarrow -0.067747227 \\ "sgd" \Rightarrow -0.026395394 \\ \text{else} \Rightarrow . \end{cases}$ $\begin{cases} "lstm" \Rightarrow 0.1094935395 \\ "mnb" \Rightarrow -0.062330762 \\ "sgd" \Rightarrow -0.047162778 \\ \text{else} \Rightarrow . \end{cases}$ $\text{else} \Rightarrow .$ $\begin{cases} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$ $\begin{cases} "lstm" \Rightarrow 0.0056006896 \\ "mnb" \Rightarrow -0.007382822 \\ "sgd" \Rightarrow 0.0017821327 \\ \text{else} \Rightarrow . \end{cases}$ $\begin{cases} "lstm" \Rightarrow 0.0305770368 \\ "mnb" \Rightarrow -0.037265606 \\ "sgd" \Rightarrow 0.0066885688 \\ \text{else} \Rightarrow . \end{cases}$ $\begin{cases} "lstm" \Rightarrow 0.0465098508 \\ "mnb" \Rightarrow -0.043212238 \\ "sgd" \Rightarrow -0.003297613 \\ \text{else} \Rightarrow . \end{cases}$ $\begin{cases} "lstm" \Rightarrow 0.0413527731 \\ "mnb" \Rightarrow -0.047295831 \\ "sgd" \Rightarrow 0.005943058 \\ \text{else} \Rightarrow . \end{cases}$ $\begin{cases} "lstm" \Rightarrow 0.0536924384 \\ \text{else} \Rightarrow . \end{cases}$
---	--

Response R(beta, 0)**Prediction Expression**

0.6 \Rightarrow Match(f()	$\begin{cases} "mnb" \Rightarrow -0.052653914 \\ "sgd" \Rightarrow -0.001038524 \\ \text{else} \Rightarrow . \end{cases}$
0.7 \Rightarrow Match(f()	$\begin{cases} "lstm" \Rightarrow 0.0734847148 \\ "mnb" \Rightarrow -0.072411996 \\ "sgd" \Rightarrow -0.001072719 \\ \text{else} \Rightarrow . \end{cases}$
0.8 \Rightarrow Match(f()	$\begin{cases} "lstm" \Rightarrow 0.1067899473 \\ "mnb" \Rightarrow -0.088588238 \\ "sgd" \Rightarrow -0.018201709 \\ \text{else} \Rightarrow . \end{cases}$
0.9 \Rightarrow Match(f()	$\begin{cases} "lstm" \Rightarrow 0.1110113459 \\ "mnb" \Rightarrow -0.09423431 \\ "sgd" \Rightarrow -0.016777036 \\ \text{else} \Rightarrow . \end{cases}$
1 \Rightarrow Match(f()	$\begin{cases} "lstm" \Rightarrow 0.1240434715 \\ "mnb" \Rightarrow -0.104039245 \\ "sgd" \Rightarrow -0.020004227 \\ \text{else} \Rightarrow . \end{cases}$
else \Rightarrow .	
0.1 \Rightarrow Match(f()	$\begin{cases} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
0.2 \Rightarrow Match(f()	$\begin{cases} "lstm" \Rightarrow -0.006962707 \\ "mnb" \Rightarrow -0.00751119 \\ "sgd" \Rightarrow 0.0144738972 \\ \text{else} \Rightarrow . \end{cases}$
0.3 \Rightarrow Match(f()	$\begin{cases} "lstm" \Rightarrow 0.0022688632 \\ "mnb" \Rightarrow -0.005816459 \\ "sgd" \Rightarrow 0.0035475956 \\ \text{else} \Rightarrow . \end{cases}$
0.4 \Rightarrow Match(f()	$\begin{cases} "lstm" \Rightarrow 0.0126220915 \\ "mnb" \Rightarrow -0.016884093 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)**Prediction Expression**

		$\begin{cases} "sgd" \Rightarrow 0.0042620017 \\ \text{else} \Rightarrow . \end{cases}$
	$0.5 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.0110210177 \\ "mnb" \Rightarrow -0.008138756 \\ "sgd" \Rightarrow -0.002882261 \\ \text{else} \Rightarrow . \end{cases}$
$0.25 \Rightarrow \text{Match}(\beta)$		$\begin{cases} "lstm" \Rightarrow 0.0204478844 \\ "mnb" \Rightarrow -0.014803731 \\ "sgd" \Rightarrow -0.005644154 \\ \text{else} \Rightarrow . \end{cases}$
	$0.6 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.0453494278 \\ "mnb" \Rightarrow -0.034838017 \\ "sgd" \Rightarrow -0.010511411 \\ \text{else} \Rightarrow . \end{cases}$
	$0.7 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.0789129929 \\ "mnb" \Rightarrow -0.046905884 \\ "sgd" \Rightarrow -0.032007109 \\ \text{else} \Rightarrow . \end{cases}$
	$0.8 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.0718817551 \\ "mnb" \Rightarrow -0.059414309 \\ "sgd" \Rightarrow -0.012467447 \\ \text{else} \Rightarrow . \end{cases}$
	$0.9 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.0926648981 \\ "mnb" \Rightarrow -0.065048968 \\ "sgd" \Rightarrow -0.027615931 \\ \text{else} \Rightarrow . \end{cases}$
	$1 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
	$0.1 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
	$0.2 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow -0.028767394 \\ "mnb" \Rightarrow 0.0031110984 \\ "sgd" \Rightarrow 0.025656296 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)**Prediction Expression**

		$\backslash \text{isc} \rightarrow . /$
0.3 $\Rightarrow \text{Match}(f()$		$\begin{cases} \text{"lstm"} \Rightarrow -0.027239488 \\ \text{"mnb"} \Rightarrow -0.018382505 \\ \text{"sgd"} \Rightarrow 0.0456219923 \\ \text{else} \Rightarrow . \end{cases}$
0.4 $\Rightarrow \text{Match}(f()$		$\begin{cases} \text{"lstm"} \Rightarrow -0.010574457 \\ \text{"mnb"} \Rightarrow -0.01721308 \\ \text{"sgd"} \Rightarrow 0.0277875371 \\ \text{else} \Rightarrow . \end{cases}$
0.5 $\Rightarrow \text{Match}(f()$		$\begin{cases} \text{"lstm"} \Rightarrow -0.029621269 \\ \text{"mnb"} \Rightarrow -0.011909181 \\ \text{"sgd"} \Rightarrow 0.04153045 \\ \text{else} \Rightarrow . \end{cases}$
0.3 $\Rightarrow \text{Match}(\beta)$		$\begin{cases} \text{"lstm"} \Rightarrow -0.017268217 \\ \text{"mnb"} \Rightarrow -0.020059959 \\ \text{"sgd"} \Rightarrow 0.0373281759 \\ \text{else} \Rightarrow . \end{cases}$
0.6 $\Rightarrow \text{Match}(f()$		$\begin{cases} \text{"lstm"} \Rightarrow -0.000954141 \\ \text{"mnb"} \Rightarrow -0.029723673 \\ \text{"sgd"} \Rightarrow 0.0306778141 \\ \text{else} \Rightarrow . \end{cases}$
0.8 $\Rightarrow \text{Match}(f()$		$\begin{cases} \text{"lstm"} \Rightarrow 0.0284913173 \\ \text{"mnb"} \Rightarrow -0.047460395 \\ \text{"sgd"} \Rightarrow 0.0189690777 \\ \text{else} \Rightarrow . \end{cases}$
0.9 $\Rightarrow \text{Match}(f()$		$\begin{cases} \text{"lstm"} \Rightarrow 0.0181605855 \\ \text{"mnb"} \Rightarrow -0.055205767 \\ \text{"sgd"} \Rightarrow 0.0370451812 \\ \text{else} \Rightarrow . \end{cases}$
1 $\Rightarrow \text{Match}(f()$		$\begin{cases} \text{"lstm"} \Rightarrow 0.0422605156 \\ \text{"mnb"} \Rightarrow -0.06236028 \\ \text{"sgd"} \Rightarrow 0.0200997644 \\ \text{else} \Rightarrow . \end{cases}$
		else $\Rightarrow .$

Response R(beta, 0)**Prediction Expression**

	$0.1 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
	$0.2 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow -0.053088386 \\ \text{"mnb"} \Rightarrow 0.0130107265 \\ \text{"sgd"} \Rightarrow 0.0400776597 \\ \text{else} \Rightarrow . \end{cases}$
	$0.3 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow -0.048815066 \\ \text{"mnb"} \Rightarrow 0.0136860536 \\ \text{"sgd"} \Rightarrow 0.0351290125 \\ \text{else} \Rightarrow . \end{cases}$
	$0.4 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow -0.041701045 \\ \text{"mnb"} \Rightarrow 0.0062120898 \\ \text{"sgd"} \Rightarrow 0.0354889549 \\ \text{else} \Rightarrow . \end{cases}$
	$0.5 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow -0.049502484 \\ \text{"mnb"} \Rightarrow 0.0071891473 \\ \text{"sgd"} \Rightarrow 0.042313337 \\ \text{else} \Rightarrow . \end{cases}$
$+ \text{Match}(\alpha)$	$0.35 \Rightarrow \text{Match}(\beta)$
	$0.6 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow -0.04553343 \\ \text{"mnb"} \Rightarrow 0.0081855439 \\ \text{"sgd"} \Rightarrow 0.0373478858 \\ \text{else} \Rightarrow . \end{cases}$
	$0.7 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow -0.029597546 \\ \text{"mnb"} \Rightarrow -0.006688391 \\ \text{"sgd"} \Rightarrow 0.0362859366 \\ \text{else} \Rightarrow . \end{cases}$
	$0.8 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow 0.0052417189 \\ \text{"mnb"} \Rightarrow -0.019739321 \\ \text{"sgd"} \Rightarrow 0.0144976019 \\ \text{else} \Rightarrow . \end{cases}$
	$0.9 \Rightarrow \text{Match}(f()) \begin{cases} \text{"lstm"} \Rightarrow 0.0092821458 \\ \text{"mnb"} \Rightarrow -0.034364292 \\ \text{"sgd"} \Rightarrow 0.0250821465 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)**Prediction Expression**

		$\left\{ \begin{array}{l} \text{else } \Rightarrow . \\ "lstm" \Rightarrow 0.0276634157 \\ "mnb" \Rightarrow -0.045732558 \\ "sgd" \Rightarrow 0.0180691422 \\ \text{else } \Rightarrow . \end{array} \right\}$
1	$\Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else } \Rightarrow . \end{array} \right\}$
0.1	$\Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow -0.096170821 \\ "mnb" \Rightarrow 0.0379419167 \\ "sgd" \Rightarrow 0.058228904 \\ \text{else } \Rightarrow . \end{array} \right\}$
0.2	$\Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow -0.104360697 \\ "mnb" \Rightarrow 0.0343498639 \\ "sgd" \Rightarrow 0.0700108326 \\ \text{else } \Rightarrow . \end{array} \right\}$
0.3	$\Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow -0.09195713 \\ "mnb" \Rightarrow 0.0314460801 \\ "sgd" \Rightarrow 0.0605110502 \\ \text{else } \Rightarrow . \end{array} \right\}$
0.4	$\Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow -0.107266136 \\ "mnb" \Rightarrow 0.0355172719 \\ "sgd" \Rightarrow 0.0717488643 \\ \text{else } \Rightarrow . \end{array} \right\}$
0.4	$\Rightarrow \text{Match}(\beta)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow -0.088123793 \\ "mnb" \Rightarrow 0.028238141 \\ "sgd" \Rightarrow 0.0598856516 \\ \text{else } \Rightarrow . \end{array} \right\}$
0.6	$\Rightarrow \text{Match}(f_0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow -0.069226437 \\ "mnb" \Rightarrow 0.0164856156 \\ "sgd" \Rightarrow 0.0527408215 \\ \text{else } \Rightarrow . \end{array} \right\}$
0.7	$\Rightarrow \text{Match}(f_0)$	

Response R(beta, 0)**Prediction Expression**

$0.8 \Rightarrow \text{Match}(f_0)$ $0.9 \Rightarrow \text{Match}(f_0)$ $1 \Rightarrow \text{Match}(f_0)$ $\text{else} \Rightarrow .$	$0.8 \Rightarrow \text{Match}(f_0)$ $0.9 \Rightarrow \text{Match}(f_0)$ $1 \Rightarrow \text{Match}(f_0)$ $\text{else} \Rightarrow .$
$0.1 \Rightarrow \text{Match}(f_0)$ $0.2 \Rightarrow \text{Match}(f_0)$ $0.3 \Rightarrow \text{Match}(f_0)$ $0.4 \Rightarrow \text{Match}(f_0)$ $0.5 \Rightarrow \text{Match}(f_0)$	$0.1 \Rightarrow \text{Match}(f_0)$ $0.2 \Rightarrow \text{Match}(f_0)$ $0.3 \Rightarrow \text{Match}(f_0)$ $0.4 \Rightarrow \text{Match}(f_0)$ $0.5 \Rightarrow \text{Match}(f_0)$
$0.45 \Rightarrow \text{Match}(\beta)$	$0.45 \Rightarrow \text{Match}(\beta)$
	$"\text{lstm"} \Rightarrow -0.032112127$ $"\text{mnb"} \Rightarrow -0.006322945$ $"\text{sgd"} \Rightarrow 0.0384350723$ $\text{else} \Rightarrow .$
	$"\text{lstm"} \Rightarrow -0.032310954$ $"\text{mnb"} \Rightarrow -0.017884486$ $"\text{sgd"} \Rightarrow 0.05019544$ $\text{else} \Rightarrow .$
	$"\text{lstm"} \Rightarrow -0.007692137$ $"\text{mnb"} \Rightarrow -0.032216384$ $"\text{sgd"} \Rightarrow 0.0399085209$ $\text{else} \Rightarrow .$
	$"\text{lstm"} \Rightarrow 0$ $"\text{mnb"} \Rightarrow 0$ $"\text{sgd"} \Rightarrow 0$ $\text{else} \Rightarrow .$
	$"\text{lstm"} \Rightarrow -0.111224265$ $"\text{mnb"} \Rightarrow 0.0574656307$ $"\text{sgd"} \Rightarrow 0.0537586339$ $\text{else} \Rightarrow .$
	$"\text{lstm"} \Rightarrow -0.123866282$ $"\text{mnb"} \Rightarrow 0.0587681548$ $"\text{sgd"} \Rightarrow 0.0650981276$ $\text{else} \Rightarrow .$
	$"\text{lstm"} \Rightarrow -0.118560325$ $"\text{mnb"} \Rightarrow 0.0560129756$ $"\text{sgd"} \Rightarrow 0.0625473497$ $\text{else} \Rightarrow .$
	$"\text{lstm"} \Rightarrow -0.127023974$ $"\text{mnb"} \Rightarrow 0.0548030906$ $"\text{sgd"} \Rightarrow 0.0722208832$ $\text{else} \Rightarrow .$
	$"\text{lstm"} \Rightarrow -0.107417874$

Response R(beta, 0)**Prediction Expression**

0.6 \Rightarrow Match(f0)	$\begin{cases} "mnb" \Rightarrow 0.0461585822 \\ "sgd" \Rightarrow 0.0612592919 \\ \text{else} \Rightarrow . \end{cases}$
0.7 \Rightarrow Match(f0)	$\begin{cases} "lstm" \Rightarrow -0.083519753 \\ "mnb" \Rightarrow 0.0342225878 \\ "sgd" \Rightarrow 0.0492971648 \\ \text{else} \Rightarrow . \end{cases}$
0.8 \Rightarrow Match(f0)	$\begin{cases} "lstm" \Rightarrow -0.044720633 \\ "mnb" \Rightarrow 0.0149219366 \\ "sgd" \Rightarrow 0.0297986966 \\ \text{else} \Rightarrow . \end{cases}$
0.9 \Rightarrow Match(f0)	$\begin{cases} "lstm" \Rightarrow -0.042396994 \\ "mnb" \Rightarrow 0.0007498224 \\ "sgd" \Rightarrow 0.0416471714 \\ \text{else} \Rightarrow . \end{cases}$
1 \Rightarrow Match(f0)	$\begin{cases} "lstm" \Rightarrow -0.013049532 \\ "mnb" \Rightarrow -0.013315504 \\ "sgd" \Rightarrow 0.0263650368 \\ \text{else} \Rightarrow . \end{cases}$
else \Rightarrow .	
0.1 \Rightarrow Match(f0)	$\begin{cases} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
0.2 \Rightarrow Match(f0)	$\begin{cases} "lstm" \Rightarrow -0.14958277 \\ "mnb" \Rightarrow 0.0787683416 \\ "sgd" \Rightarrow 0.0708144281 \\ \text{else} \Rightarrow . \end{cases}$
0.3 \Rightarrow Match(f0)	$\begin{cases} "lstm" \Rightarrow -0.176312659 \\ "mnb" \Rightarrow 0.0901175745 \\ "sgd" \Rightarrow 0.0861950842 \\ \text{else} \Rightarrow . \end{cases}$
0.4 \Rightarrow Match(f0)	$\begin{cases} "lstm" \Rightarrow -0.163038938 \\ "mnb" \Rightarrow 0.0827992437 \\ \dots \end{cases}$

Response R(beta, 0)**Prediction Expression**

		$\begin{cases} "sgd" \Rightarrow 0.080239694 \\ \text{else } \Rightarrow . \end{cases}$
	$0.5 \Rightarrow \text{Match}(f())$	$\begin{cases} "lstm" \Rightarrow -0.164801599 \\ "mnb" \Rightarrow 0.0827557135 \\ "sgd" \Rightarrow 0.0820458857 \\ \text{else } \Rightarrow . \end{cases}$
	$0.5 \Rightarrow \text{Match}(\text{beta})$	$\begin{cases} "lstm" \Rightarrow -0.149183092 \\ "mnb" \Rightarrow 0.0778073881 \\ "sgd" \Rightarrow 0.0713757038 \\ \text{else } \Rightarrow . \end{cases}$
	$0.6 \Rightarrow \text{Match}(f())$	$\begin{cases} "lstm" \Rightarrow -0.118503687 \\ "mnb" \Rightarrow 0.0608122641 \\ "sgd" \Rightarrow 0.0576914229 \\ \text{else } \Rightarrow . \end{cases}$
	$0.7 \Rightarrow \text{Match}(f())$	$\begin{cases} "lstm" \Rightarrow -0.082312116 \\ "mnb" \Rightarrow 0.0460073337 \\ "sgd" \Rightarrow 0.0363047821 \\ \text{else } \Rightarrow . \end{cases}$
	$0.8 \Rightarrow \text{Match}(f())$	$\begin{cases} "lstm" \Rightarrow -0.078723978 \\ "mnb" \Rightarrow 0.0318238114 \\ "sgd" \Rightarrow 0.0469001671 \\ \text{else } \Rightarrow . \end{cases}$
	$0.9 \Rightarrow \text{Match}(f())$	$\begin{cases} "lstm" \Rightarrow -0.046915017 \\ "mnb" \Rightarrow 0.0174145923 \\ "sgd" \Rightarrow 0.0295004246 \\ \text{else } \Rightarrow . \end{cases}$
	$1 \Rightarrow \text{Match}(f())$	$\begin{cases} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else } \Rightarrow . \end{cases}$
	$0.1 \Rightarrow \text{Match}(f())$	$\begin{cases} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else } \Rightarrow . \end{cases}$
	$0.2 \Rightarrow \text{Match}(f())$	$\begin{cases} "lstm" \Rightarrow -0.181074505 \\ "mnb" \Rightarrow 0.1059565358 \\ "sgd" \Rightarrow 0.0751179688 \\ \text{else } \Rightarrow . \end{cases}$

Response R(beta, 0)**Prediction Expression**

	$\beta \Rightarrow \text{Match}(f(\beta))$
	$0.3 \Rightarrow \text{Match}(f(0.3))$
	$\begin{cases} \text{"lstm"} \Rightarrow -0.257647332 \\ \text{"mnb"} \Rightarrow 0.1481686603 \\ \text{"sgd"} \Rightarrow 0.1094786714 \\ \text{else} \Rightarrow . \end{cases}$
	$0.4 \Rightarrow \text{Match}(f(0.4))$
	$\begin{cases} \text{"lstm"} \Rightarrow -0.265021757 \\ \text{"mnb"} \Rightarrow 0.1490909177 \\ \text{"sgd"} \Rightarrow 0.1159308391 \\ \text{else} \Rightarrow . \end{cases}$
	$0.5 \Rightarrow \text{Match}(f(0.5))$
	$\begin{cases} \text{"lstm"} \Rightarrow -0.27323804 \\ \text{"mnb"} \Rightarrow 0.1527348593 \\ \text{"sgd"} \Rightarrow 0.1205031809 \\ \text{else} \Rightarrow . \end{cases}$
	$0.55 \Rightarrow \text{Match}(\beta)$
	$0.6 \Rightarrow \text{Match}(f(0.6))$
	$\begin{cases} \text{"lstm"} \Rightarrow -0.256245857 \\ \text{"mnb"} \Rightarrow 0.1458181427 \\ \text{"sgd"} \Rightarrow 0.1104277146 \\ \text{else} \Rightarrow . \end{cases}$
	$0.7 \Rightarrow \text{Match}(f(0.7))$
	$\begin{cases} \text{"lstm"} \Rightarrow -0.226192377 \\ \text{"mnb"} \Rightarrow 0.130664184 \\ \text{"sgd"} \Rightarrow 0.0955281928 \\ \text{else} \Rightarrow . \end{cases}$
	$0.8 \Rightarrow \text{Match}(f(0.8))$
	$\begin{cases} \text{"lstm"} \Rightarrow -0.187903096 \\ \text{"mnb"} \Rightarrow 0.1142103474 \\ \text{"sgd"} \Rightarrow 0.0736927489 \\ \text{else} \Rightarrow . \end{cases}$
	$0.9 \Rightarrow \text{Match}(f(0.9))$
	$\begin{cases} \text{"lstm"} \Rightarrow -0.18162014 \\ \text{"mnb"} \Rightarrow 0.0993710724 \\ \text{"sgd"} \Rightarrow 0.0822490674 \\ \text{else} \Rightarrow . \end{cases}$
	$1 \Rightarrow \text{Match}(f(1))$
	$\begin{cases} \text{"lstm"} \Rightarrow -0.149482876 \\ \text{"mnb"} \Rightarrow 0.0838860515 \\ \text{"sgd"} \Rightarrow 0.0655968248 \\ \text{else} \Rightarrow . \end{cases}$
	$\text{else} \Rightarrow .$

Response R(beta, 0)**Prediction Expression**

$0.1 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
$0.2 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm} \Rightarrow -0.183241852 \\ \text{"mnb"} \Rightarrow 0.1048524767 \\ \text{"sgd"} \Rightarrow 0.0783893749 \\ \text{else} \Rightarrow . \end{cases}$
$0.3 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm} \Rightarrow -0.322443611 \\ \text{"mnb"} \Rightarrow 0.1850145906 \\ \text{"sgd"} \Rightarrow 0.1374290204 \\ \text{else} \Rightarrow . \end{cases}$
$0.4 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm} \Rightarrow -0.357229766 \\ \text{"mnb"} \Rightarrow 0.2033677851 \\ \text{"sgd"} \Rightarrow 0.1538619808 \\ \text{else} \Rightarrow . \end{cases}$
$0.5 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm} \Rightarrow -0.371359965 \\ \text{"mnb"} \Rightarrow 0.2046792369 \\ \text{"sgd"} \Rightarrow 0.1666807279 \\ \text{else} \Rightarrow . \end{cases}$
$0.6 \Rightarrow \text{Match}(\beta)$	$\begin{cases} \text{lstm} \Rightarrow -0.356535792 \\ \text{"mnb"} \Rightarrow 0.1998289984 \\ \text{"sgd"} \Rightarrow 0.1567067933 \\ \text{else} \Rightarrow . \end{cases}$
$0.6 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm} \Rightarrow -0.324147157 \\ \text{"mnb"} \Rightarrow 0.1818599284 \\ \text{"sgd"} \Rightarrow 0.1422872289 \\ \text{else} \Rightarrow . \end{cases}$
$0.8 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm} \Rightarrow -0.285892633 \\ \text{"mnb"} \Rightarrow 0.1650583405 \\ \text{"sgd"} \Rightarrow 0.1208342928 \\ \text{else} \Rightarrow . \end{cases}$
$0.9 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm} \Rightarrow -0.279439775 \\ \text{"mnb"} \Rightarrow 0.1507533885 \\ \text{"sgd"} \Rightarrow 0.1286863869 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)**Prediction Expression**

		$\begin{cases} \text{else} \Rightarrow . \\ "lstm" \Rightarrow -0.247562121 \\ "mnb" \Rightarrow 0.1352207672 \\ "sgd" \Rightarrow 0.1123413539 \\ \text{else} \Rightarrow . \end{cases}$
	1 $\Rightarrow \text{Match}(f())$	$\begin{cases} \text{else} \Rightarrow . \\ "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
	0.1 $\Rightarrow \text{Match}(f())$	$\begin{cases} "lstm" \Rightarrow -0.125122485 \\ "mnb" \Rightarrow 0.0490275826 \\ "sgd" \Rightarrow 0.076094902 \\ \text{else} \Rightarrow . \end{cases}$
	0.2 $\Rightarrow \text{Match}(f())$	$\begin{cases} "lstm" \Rightarrow -0.292048739 \\ "mnb" \Rightarrow 0.1711969623 \\ "sgd" \Rightarrow 0.1208517764 \\ \text{else} \Rightarrow . \end{cases}$
	0.3 $\Rightarrow \text{Match}(f())$	$\begin{cases} "lstm" \Rightarrow -0.399450419 \\ "mnb" \Rightarrow 0.2203849376 \\ "sgd" \Rightarrow 0.1790654815 \\ \text{else} \Rightarrow . \end{cases}$
	0.4 $\Rightarrow \text{Match}(f())$	$\begin{cases} "lstm" \Rightarrow -0.430679303 \\ "mnb" \Rightarrow 0.2319376993 \\ "sgd" \Rightarrow 0.1987416033 \\ \text{else} \Rightarrow . \end{cases}$
0.65	$\Rightarrow \text{Match}(\beta)$	$\begin{cases} "lstm" \Rightarrow -0.415020654 \\ "mnb" \Rightarrow 0.2269130246 \\ "sgd" \Rightarrow 0.1881076296 \\ \text{else} \Rightarrow . \end{cases}$
0.6	$\Rightarrow \text{Match}(f())$	$\begin{cases} "lstm" \Rightarrow -0.387378826 \\ "mnb" \Rightarrow 0.2120931464 \\ "sgd" \Rightarrow 0.1752856791 \\ \text{else} \Rightarrow . \end{cases}$
0.7	$\Rightarrow \text{Match}(f())$	$\begin{cases} "lstm" \Rightarrow -0.387378826 \\ "mnb" \Rightarrow 0.2120931464 \\ "sgd" \Rightarrow 0.1752856791 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)

Prediction Expression

```

0.8 => Match(f())
  ("lstm" => -0.347401328)
  ("mnb" => 0.1939390069)
  ("sgd" => 0.1534623215)
  else => .

0.9 => Match(f())
  ("lstm" => -0.341056442)
  ("mnb" => 0.17903571)
  ("sgd" => 0.162020732)
  else => .

1 => Match(f())
  ("lstm" => -0.310918301)
  ("mnb" => 0.1649705231)
  ("sgd" => 0.145947778)
  else => .

else => .

0.1 => Match(f())
  ("lstm" => 0)
  ("mnb" => 0)
  ("sgd" => 0)
  else => .

0.2 => Match(f())
  ("lstm" => 0)
  ("mnb" => 0)
  ("sgd" => 0)
  else => .

0.3 => Match(f())
  ("lstm" => 0)
  ("mnb" => 0)
  ("sgd" => 0)
  else => .

0.4 => Match(f())
  ("lstm" => 0)
  ("mnb" => 0)
  ("sgd" => 0)
  else => .

0.5 => Match(f())
  ("lstm" => 0)
  ("mnb" => 0)
  ("sgd" => 0)
  else => .

```

Response R(beta, 0)**Prediction Expression**

		$0.05 \Rightarrow \text{Match}(\text{beta})$	$0.6 \Rightarrow \text{Match}(f0) \begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$	
			$0.7 \Rightarrow \text{Match}(f0) \begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$	
			$0.8 \Rightarrow \text{Match}(f0) \begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$	
			$0.9 \Rightarrow \text{Match}(f0) \begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$	
			$1 \Rightarrow \text{Match}(f0) \begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$	
			$0.1 \Rightarrow \text{Match}(f0) \begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$	
			$0.2 \Rightarrow \text{Match}(f0) \begin{cases} \text{"lstm"} \Rightarrow 0.0116751963 \\ \text{"mnb"} \Rightarrow -0.001038634 \\ \text{"sgd"} \Rightarrow -0.010636562 \\ \text{else} \Rightarrow . \end{cases}$	
			$0.3 \Rightarrow \text{Match}(f0) \begin{cases} \text{"lstm"} \Rightarrow -0.000581217 \\ \text{"mnb"} \Rightarrow 0.0088520976 \\ \text{"sgd"} \Rightarrow -0.008270881 \\ \text{else} \Rightarrow . \end{cases}$	
				$\text{"lstm"} \Rightarrow -0.000441513$

Response R(beta, 0)	
Prediction Expression	
	$0.4 \Rightarrow \text{Match}(f()) \left\{ \begin{array}{l} "mnb" \Rightarrow 0.0006701553 \\ "sgd" \Rightarrow -0.000228642 \\ \text{else} \Rightarrow . \end{array} \right\}$
	$0.5 \Rightarrow \text{Match}(f()) \left\{ \begin{array}{l} "lstm" \Rightarrow -0.004897911 \\ "mnb" \Rightarrow -0.004614729 \\ "sgd" \Rightarrow 0.0095126402 \\ \text{else} \Rightarrow . \end{array} \right\}$
0.1	$\Rightarrow \text{Match}(\beta)$
	$0.6 \Rightarrow \text{Match}(f()) \left\{ \begin{array}{l} "lstm" \Rightarrow 0.0042955773 \\ "mnb" \Rightarrow -0.001242153 \\ "sgd" \Rightarrow -0.003053425 \\ \text{else} \Rightarrow . \end{array} \right\}$
	$0.7 \Rightarrow \text{Match}(f()) \left\{ \begin{array}{l} "lstm" \Rightarrow -0.008550166 \\ "mnb" \Rightarrow -0.007573667 \\ "sgd" \Rightarrow 0.0161238336 \\ \text{else} \Rightarrow . \end{array} \right\}$
	$0.8 \Rightarrow \text{Match}(f()) \left\{ \begin{array}{l} "lstm" \Rightarrow -0.002744082 \\ "mnb" \Rightarrow 0.001989544 \\ "sgd" \Rightarrow 0.0007545377 \\ \text{else} \Rightarrow . \end{array} \right\}$
	$0.9 \Rightarrow \text{Match}(f()) \left\{ \begin{array}{l} "lstm" \Rightarrow -0.004148047 \\ "mnb" \Rightarrow 0.0068955943 \\ "sgd" \Rightarrow -0.002747547 \\ \text{else} \Rightarrow . \end{array} \right\}$
1	$\Rightarrow \text{Match}(f()) \left\{ \begin{array}{l} "lstm" \Rightarrow -0.015612269 \\ "mnb" \Rightarrow -0.00751214 \\ "sgd" \Rightarrow 0.0231244094 \\ \text{else} \Rightarrow . \end{array} \right\}$
	$0.1 \Rightarrow \text{Match}(f()) \left\{ \begin{array}{l} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{array} \right\}$
	$0.2 \Rightarrow \text{Match}(f()) \left\{ \begin{array}{l} "lstm" \Rightarrow 0.0182970022 \\ "mnb" \Rightarrow 0.0007129358 \\ \text{else} \Rightarrow . \end{array} \right\}$

Response R(beta, 0)**Prediction Expression**

		$\text{else} \Rightarrow .$
		$"\text{lstm"} \Rightarrow -0.019009938$
		$\text{else} \Rightarrow .$
0.3 $\Rightarrow \text{Match}(f()$	$)$	$"\text{lstm"} \Rightarrow 0.0135886073$
		$"\text{mnb"} \Rightarrow 0.0108390451$
		$"\text{sgd"} \Rightarrow -0.024427652$
		$\text{else} \Rightarrow .$
0.4 $\Rightarrow \text{Match}(f()$	$)$	$"\text{lstm"} \Rightarrow -0.005881291$
		$"\text{mnb"} \Rightarrow 0.0139979982$
		$"\text{sgd"} \Rightarrow -0.008116707$
		$\text{else} \Rightarrow .$
0.5 $\Rightarrow \text{Match}(f()$	$)$	$"\text{lstm"} \Rightarrow 0.0126312151$
		$"\text{mnb"} \Rightarrow 0.010564207$
		$"\text{sgd"} \Rightarrow -0.023195422$
		$\text{else} \Rightarrow .$
0.15 $\Rightarrow \text{Match}(\beta)$		$"\text{lstm"} \Rightarrow 0.0111529643$
0.6 $\Rightarrow \text{Match}(f()$	$)$	$"\text{mnb"} \Rightarrow -0.005584237$
		$"\text{sgd"} \Rightarrow -0.005568727$
		$\text{else} \Rightarrow .$
0.7 $\Rightarrow \text{Match}(f()$	$)$	$"\text{lstm"} \Rightarrow -0.003366765$
		$"\text{mnb"} \Rightarrow 0.0133406627$
		$"\text{sgd"} \Rightarrow -0.009973898$
		$\text{else} \Rightarrow .$
0.8 $\Rightarrow \text{Match}(f()$	$)$	$"\text{lstm"} \Rightarrow 0.0126644334$
		$"\text{mnb"} \Rightarrow 0.0114504869$
		$"\text{sgd"} \Rightarrow -0.02411492$
		$\text{else} \Rightarrow .$
0.9 $\Rightarrow \text{Match}(f()$	$)$	$"\text{lstm"} \Rightarrow 0.0087511353$
		$"\text{mnb"} \Rightarrow 0.0122669677$
		$"\text{sgd"} \Rightarrow -0.021018103$
		$\text{else} \Rightarrow .$
1 $\Rightarrow \text{Match}(f()$	$)$	$"\text{lstm"} \Rightarrow -0.000297705$
		$"\text{mnb"} \Rightarrow 0.001677015$
		$"\text{sgd"} \Rightarrow -0.00137931$
		$\text{else} \Rightarrow .$

Response R(beta, 0)**Prediction Expression**

		$\left\{ \begin{array}{l} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{array} \right\}$
		$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0086034238 \\ "mnb" \Rightarrow -0.006441298 \\ "sgd" \Rightarrow -0.002162125 \\ \text{else} \Rightarrow . \end{array} \right\}$
		$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0035768976 \\ "mnb" \Rightarrow 0.0014672972 \\ "sgd" \Rightarrow -0.005044195 \\ \text{else} \Rightarrow . \end{array} \right\}$
		$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0030732211 \\ "mnb" \Rightarrow 0.0091166638 \\ "sgd" \Rightarrow -0.012189885 \\ \text{else} \Rightarrow . \end{array} \right\}$
		$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.009282406 \\ "mnb" \Rightarrow -0.016966603 \\ "sgd" \Rightarrow 0.0076841969 \\ \text{else} \Rightarrow . \end{array} \right\}$
0.2	$\Rightarrow \text{Match}(\beta)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0097338494 \\ "mnb" \Rightarrow 0.0001112963 \\ "sgd" \Rightarrow -0.009845146 \\ \text{else} \Rightarrow . \end{array} \right\}$
		$\left\{ \begin{array}{l} "lstm" \Rightarrow -0.00648313 \\ "mnb" \Rightarrow -0.005257627 \\ "sgd" \Rightarrow 0.0117407577 \\ \text{else} \Rightarrow . \end{array} \right\}$
		$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0072643259 \\ "mnb" \Rightarrow 0.0097950831 \\ "sgd" \Rightarrow -0.017059409 \\ \text{else} \Rightarrow . \end{array} \right\}$
		$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0039129624 \\ "mnb" \Rightarrow -0.004924213 \end{array} \right\}$

Response R(beta, 0)**Prediction Expression**

$0.9 \Rightarrow \text{Match}(f0)$ $\begin{cases} "sgd" \Rightarrow 0.0010112501 \\ \text{else} \Rightarrow . \end{cases}$

$1 \Rightarrow \text{Match}(f0)$ $\begin{cases} "lstm" \Rightarrow -0.00400841 \\ "mnb" \Rightarrow -0.009425636 \\ "sgd" \Rightarrow 0.0134340462 \\ \text{else} \Rightarrow . \end{cases}$

$0.1 \Rightarrow \text{Match}(f0)$ $\begin{cases} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$

$0.2 \Rightarrow \text{Match}(f0)$ $\begin{cases} "lstm" \Rightarrow -0.001740085 \\ "mnb" \Rightarrow 0.000108162 \\ "sgd" \Rightarrow 0.0016319232 \\ \text{else} \Rightarrow . \end{cases}$

$0.3 \Rightarrow \text{Match}(f0)$ $\begin{cases} "lstm" \Rightarrow 0.010788139 \\ "mnb" \Rightarrow 0.0020018007 \\ "sgd" \Rightarrow -0.01278994 \\ \text{else} \Rightarrow . \end{cases}$

$0.4 \Rightarrow \text{Match}(f0)$ $\begin{cases} "lstm" \Rightarrow -0.003413793 \\ "mnb" \Rightarrow 0.0134369345 \\ "sgd" \Rightarrow -0.010023141 \\ \text{else} \Rightarrow . \end{cases}$

$0.5 \Rightarrow \text{Match}(f0)$ $\begin{cases} "lstm" \Rightarrow -0.010910331 \\ "mnb" \Rightarrow -0.008761183 \\ "sgd" \Rightarrow 0.0196715136 \\ \text{else} \Rightarrow . \end{cases}$

$0.25 \Rightarrow \text{Match}(\beta)$ $\begin{cases} "lstm" \Rightarrow 0.0003773789 \\ "mnb" \Rightarrow -0.000828643 \\ "sgd" \Rightarrow 0.0004512637 \\ \text{else} \Rightarrow . \end{cases}$

$0.6 \Rightarrow \text{Match}(f0)$ $\begin{cases} "lstm" \Rightarrow -0.013257804 \\ "mnb" \Rightarrow 0.0067853251 \\ "sgd" \Rightarrow 0.0064724786 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)**Prediction Expression**

			$\begin{cases} \text{else} \Rightarrow . \\ \text{"lstm"} \Rightarrow -0.014068782 \\ \text{"mnb"} \Rightarrow 0.0158785008 \\ \text{"sgd"} \Rightarrow -0.001809718 \\ \text{else} \Rightarrow . \end{cases}$
0.8	$\Rightarrow \text{Match}(f_0)$		$\begin{cases} \text{"lstm"} \Rightarrow -0.008607286 \\ \text{"mnb"} \Rightarrow 0.019693472 \\ \text{"sgd"} \Rightarrow -0.011086186 \\ \text{else} \Rightarrow . \end{cases}$
0.9	$\Rightarrow \text{Match}(f_0)$		$\begin{cases} \text{"lstm"} \Rightarrow -0.020763257 \\ \text{"mnb"} \Rightarrow 0.0087980935 \\ \text{"sgd"} \Rightarrow 0.0119651631 \\ \text{else} \Rightarrow . \end{cases}$
1	$\Rightarrow \text{Match}(f_0)$		$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
0.1	$\Rightarrow \text{Match}(f_0)$		$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
0.2	$\Rightarrow \text{Match}(f_0)$		$\begin{cases} \text{"lstm"} \Rightarrow 0.015782094 \\ \text{"mnb"} \Rightarrow 0.024899221 \\ \text{"sgd"} \Rightarrow -0.040681315 \\ \text{else} \Rightarrow . \end{cases}$
0.3	$\Rightarrow \text{Match}(f_0)$		$\begin{cases} \text{"lstm"} \Rightarrow 0.0038910089 \\ \text{"mnb"} \Rightarrow 0.0259532765 \\ \text{"sgd"} \Rightarrow -0.029844285 \\ \text{else} \Rightarrow . \end{cases}$
0.4	$\Rightarrow \text{Match}(f_0)$		$\begin{cases} \text{"lstm"} \Rightarrow 0.0029991737 \\ \text{"mnb"} \Rightarrow 0.0218466421 \\ \text{"sgd"} \Rightarrow -0.024845816 \\ \text{else} \Rightarrow . \end{cases}$
0.5	$\Rightarrow \text{Match}(f_0)$		$\begin{cases} \text{"lstm"} \Rightarrow -0.004273226 \\ \text{"mnb"} \Rightarrow 0.0030628362 \\ \text{"sgd"} \Rightarrow 0.0012103896 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)**Prediction Expression**

		$0.3 \Rightarrow \text{Match}(\beta)$	$0.6 \Rightarrow \text{Match}(f_0)$	$0.7 \Rightarrow \text{Match}(f_0)$	$0.8 \Rightarrow \text{Match}(f_0)$	$0.9 \Rightarrow \text{Match}(f_0)$	$1 \Rightarrow \text{Match}(f_0)$	$0.1 \Rightarrow \text{Match}(f_0)$	$0.2 \Rightarrow \text{Match}(f_0)$	$0.3 \Rightarrow \text{Match}(f_0)$	"lstm" $\Rightarrow 0.0120452908$ "mnb" $\Rightarrow -0.000172863$ "sgd" $\Rightarrow -0.011872428$ else $\Rightarrow .$	"lstm" $\Rightarrow -0.007935048$ "mnb" $\Rightarrow 0.012790195$ "sgd" $\Rightarrow -0.004855147$ else $\Rightarrow .$	"lstm" $\Rightarrow -0.001807117$ "mnb" $\Rightarrow 0.0150172206$ "sgd" $\Rightarrow -0.013210104$ else $\Rightarrow .$	"lstm" $\Rightarrow 0.002191095$ "mnb" $\Rightarrow 0.0122557539$ "sgd" $\Rightarrow -0.014446849$ else $\Rightarrow .$	"lstm" $\Rightarrow -0.007435519$ "mnb" $\Rightarrow 0.0064281781$ "sgd" $\Rightarrow 0.0010073412$ else $\Rightarrow .$	"lstm" $\Rightarrow 0$ "mnb" $\Rightarrow 0$ "sgd" $\Rightarrow 0$ else $\Rightarrow .$	"lstm" $\Rightarrow 0.0114068078$ "mnb" $\Rightarrow -0.010747416$ "sgd" $\Rightarrow -0.000659392$ else $\Rightarrow .$	"lstm" $\Rightarrow 0.0010853298$ "mnb" $\Rightarrow 0.000305568$ "sgd" $\Rightarrow -0.001390898$ else $\Rightarrow .$	"lstm" $\Rightarrow 0.0033647612$
--	--	---------------------------------------	-------------------------------------	-------------------------------------	-------------------------------------	-------------------------------------	-----------------------------------	-------------------------------------	-------------------------------------	-------------------------------------	---	--	---	--	---	--	---	--	-----------------------------------

Response R(beta, 0)**Prediction Expression**

"NCAR" \Rightarrow Match(alpha)	$0.35 \Rightarrow$ Match(beta)	$0.4 \Rightarrow$ Match(f0)	$"lstm" \Rightarrow -0.006550956$ $"mnb" \Rightarrow 0.0031861946$ else $\Rightarrow .$
		$0.5 \Rightarrow$ Match(f0)	$"lstm" \Rightarrow -0.009673345$ $"mnb" \Rightarrow -0.01021482$ $"sgd" \Rightarrow 0.0198881654$ else $\Rightarrow .$
		$0.6 \Rightarrow$ Match(f0)	$"lstm" \Rightarrow -0.002075871$ $"mnb" \Rightarrow -0.01040899$ $"sgd" \Rightarrow 0.0124848613$ else $\Rightarrow .$
		$0.7 \Rightarrow$ Match(f0)	$"lstm" \Rightarrow -0.010792117$ $"mnb" \Rightarrow -0.010573882$ $"sgd" \Rightarrow 0.0213659988$ else $\Rightarrow .$
		$0.8 \Rightarrow$ Match(f0)	$"lstm" \Rightarrow -0.011919861$ $"mnb" \Rightarrow 0.0008451345$ $"sgd" \Rightarrow 0.0110747269$ else $\Rightarrow .$
		$0.9 \Rightarrow$ Match(f0)	$"lstm" \Rightarrow -0.005326405$ $"mnb" \Rightarrow -0.003120299$ $"sgd" \Rightarrow 0.0084467034$ else $\Rightarrow .$
		$1 \Rightarrow$ Match(f0)	$"lstm" \Rightarrow -0.016091338$ $"mnb" \Rightarrow -0.006445366$ $"sgd" \Rightarrow 0.0225367038$ else $\Rightarrow .$
		$0.1 \Rightarrow$ Match(f0)	$"lstm" \Rightarrow 0$ $"mnb" \Rightarrow 0$ $"sgd" \Rightarrow 0$ else $\Rightarrow .$
		$0.2 \Rightarrow$ Match(f0)	$"lstm" \Rightarrow 0.0230224611$ $"mnb" \Rightarrow -0.006541711$

Response R(beta, 0)**Prediction Expression**

		$\sqrt{ \left(\begin{array}{l} "sgd" \Rightarrow -0.01648075 \\ \text{else} \Rightarrow . \end{array} \right) }$
0.3 $\Rightarrow \text{Match}(f0)$		$\left(\begin{array}{l} "lstm" \Rightarrow 0.0176682329 \\ "mnb" \Rightarrow 0.0030524648 \\ "sgd" \Rightarrow -0.020720698 \\ \text{else} \Rightarrow . \end{array} \right)$
0.4 $\Rightarrow \text{Match}(f0)$		$\left(\begin{array}{l} "lstm" \Rightarrow 0.011434433 \\ "mnb" \Rightarrow 0.0035892533 \\ "sgd" \Rightarrow -0.015023686 \\ \text{else} \Rightarrow . \end{array} \right)$
0.5 $\Rightarrow \text{Match}(f0)$		$\left(\begin{array}{l} "lstm" \Rightarrow 0.0058426763 \\ "mnb" \Rightarrow -0.009106278 \\ "sgd" \Rightarrow 0.003263602 \\ \text{else} \Rightarrow . \end{array} \right)$
0.4 $\Rightarrow \text{Match}(\beta)$		$\left(\begin{array}{l} "lstm" \Rightarrow 0.0174746011 \\ "mnb" \Rightarrow -0.010178754 \\ "sgd" \Rightarrow -0.007295847 \\ \text{else} \Rightarrow . \end{array} \right)$
0.6 $\Rightarrow \text{Match}(f0)$		$\left(\begin{array}{l} "lstm" \Rightarrow 0.0049868913 \\ "mnb" \Rightarrow -0.000690863 \\ "sgd" \Rightarrow -0.004296029 \\ \text{else} \Rightarrow . \end{array} \right)$
0.7 $\Rightarrow \text{Match}(f0)$		$\left(\begin{array}{l} "lstm" \Rightarrow 0.004105003 \\ "mnb" \Rightarrow 0.0028879178 \\ "sgd" \Rightarrow -0.006992921 \\ \text{else} \Rightarrow . \end{array} \right)$
0.8 $\Rightarrow \text{Match}(f0)$		$\left(\begin{array}{l} "lstm" \Rightarrow 0.0051164086 \\ "mnb" \Rightarrow 0.0018447767 \\ "sgd" \Rightarrow -0.006961185 \\ \text{else} \Rightarrow . \end{array} \right)$
0.9 $\Rightarrow \text{Match}(f0)$		$\left(\begin{array}{l} "lstm" \Rightarrow -0.007812192 \\ "mnb" \Rightarrow -0.003637803 \\ "sgd" \Rightarrow 0.0114499942 \\ \text{else} \Rightarrow . \end{array} \right)$
1 $\Rightarrow \text{Match}(f0)$		$\left(\begin{array}{l} "lstm" \Rightarrow -0.007812192 \\ "mnb" \Rightarrow -0.003637803 \\ "sgd" \Rightarrow 0.0114499942 \\ \text{else} \Rightarrow . \end{array} \right)$

Response R(beta, 0)**Prediction Expression**

		$\left\{ \begin{array}{l} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{array} \right.$
	0.1 $\Rightarrow \text{Match}(f0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0313041618 \\ "mnb" \Rightarrow -0.004590575 \\ "sgd" \Rightarrow -0.026713587 \\ \text{else} \Rightarrow . \end{array} \right.$
	0.2 $\Rightarrow \text{Match}(f0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0346175562 \\ "mnb" \Rightarrow 0.007110858 \\ "sgd" \Rightarrow -0.041728414 \\ \text{else} \Rightarrow . \end{array} \right.$
	0.3 $\Rightarrow \text{Match}(f0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0342435467 \\ "mnb" \Rightarrow 0.0072094068 \\ "sgd" \Rightarrow -0.041452953 \\ \text{else} \Rightarrow . \end{array} \right.$
	0.4 $\Rightarrow \text{Match}(f0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0269360519 \\ "mnb" \Rightarrow -0.002910731 \\ "sgd" \Rightarrow -0.024025321 \\ \text{else} \Rightarrow . \end{array} \right.$
0.45	$\Rightarrow \text{Match}(\beta)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0336982351 \\ "mnb" \Rightarrow -0.00243187 \\ "sgd" \Rightarrow -0.031266365 \\ \text{else} \Rightarrow . \end{array} \right.$
	0.6 $\Rightarrow \text{Match}(f0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0216684292 \\ "mnb" \Rightarrow 0.0012325891 \\ "sgd" \Rightarrow -0.022901018 \\ \text{else} \Rightarrow . \end{array} \right.$
	0.7 $\Rightarrow \text{Match}(f0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0240437241 \\ "mnb" \Rightarrow 0.0122436608 \\ "sgd" \Rightarrow -0.036287385 \\ \text{else} \Rightarrow . \end{array} \right.$
	0.8 $\Rightarrow \text{Match}(f0)$	$\left\{ \begin{array}{l} "lstm" \Rightarrow 0.0273905394 \\ "mnb" \Rightarrow 0.00752932 \end{array} \right.$

Response R(beta, 0)**Prediction Expression**

		$0.9 \Rightarrow \text{Match}(f0)$	$\begin{cases} "sgd" \Rightarrow -0.034919859 \\ \text{else} \Rightarrow . \end{cases}$
		$1 \Rightarrow \text{Match}(f0)$	$\begin{cases} "lstm" \Rightarrow 0.0175588909 \\ "mnb" \Rightarrow 0.0019347924 \\ "sgd" \Rightarrow -0.019493683 \\ \text{else} \Rightarrow . \end{cases}$
		$0.1 \Rightarrow \text{Match}(f0)$	$\begin{cases} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
		$0.2 \Rightarrow \text{Match}(f0)$	$\begin{cases} "lstm" \Rightarrow 0.0129026637 \\ "mnb" \Rightarrow -0.024520543 \\ "sgd" \Rightarrow 0.0116178794 \\ \text{else} \Rightarrow . \end{cases}$
		$0.3 \Rightarrow \text{Match}(f0)$	$\begin{cases} "lstm" \Rightarrow 0.031997547 \\ "mnb" \Rightarrow -0.016859523 \\ "sgd" \Rightarrow -0.015138024 \\ \text{else} \Rightarrow . \end{cases}$
		$0.4 \Rightarrow \text{Match}(f0)$	$\begin{cases} "lstm" \Rightarrow 0.035755431 \\ "mnb" \Rightarrow -0.016492153 \\ "sgd" \Rightarrow -0.019263278 \\ \text{else} \Rightarrow . \end{cases}$
		$0.5 \Rightarrow \text{Match}(f0)$	$\begin{cases} "lstm" \Rightarrow 0.0366586467 \\ "mnb" \Rightarrow -0.026831682 \\ "sgd" \Rightarrow -0.009826965 \\ \text{else} \Rightarrow . \end{cases}$
		$0.5 \Rightarrow \text{Match}(\beta)$	$\begin{cases} "lstm" \Rightarrow 0.0409150822 \\ "mnb" \Rightarrow -0.026861345 \\ "sgd" \Rightarrow -0.014053737 \\ \text{else} \Rightarrow . \end{cases}$
		$0.7 \Rightarrow \text{Match}(f0)$	$\begin{cases} "lstm" \Rightarrow 0.0320678797 \\ "mnb" \Rightarrow -0.022838792 \\ "sgd" \Rightarrow -0.009229088 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)**Prediction Expression**

			$\begin{cases} \text{else} \Rightarrow . \\ \text{"lstm"} \Rightarrow 0.0372529894 \\ \text{"mnb"} \Rightarrow -0.014841898 \\ \text{"sgd"} \Rightarrow -0.022411091 \\ \text{else} \Rightarrow . \end{cases}$
0.8	$\Rightarrow \text{Match}(f0)$		$\begin{cases} \text{"lstm"} \Rightarrow 0.0394118998 \\ \text{"mnb"} \Rightarrow -0.017953232 \\ \text{"sgd"} \Rightarrow -0.021458668 \\ \text{else} \Rightarrow . \end{cases}$
0.9	$\Rightarrow \text{Match}(f0)$		$\begin{cases} \text{"lstm"} \Rightarrow 0.0300752207 \\ \text{"mnb"} \Rightarrow -0.02371444 \\ \text{"sgd"} \Rightarrow -0.006360781 \\ \text{else} \Rightarrow . \end{cases}$
1	$\Rightarrow \text{Match}(f0)$		$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
0.1	$\Rightarrow \text{Match}(f0)$		$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
0.2	$\Rightarrow \text{Match}(f0)$		$\begin{cases} \text{"lstm"} \Rightarrow -0.011748226 \\ \text{"mnb"} \Rightarrow -0.006777476 \\ \text{"sgd"} \Rightarrow 0.0185257016 \\ \text{else} \Rightarrow . \end{cases}$
0.3	$\Rightarrow \text{Match}(f0)$		$\begin{cases} \text{"lstm"} \Rightarrow 0.0079598538 \\ \text{"mnb"} \Rightarrow -0.015887451 \\ \text{"sgd"} \Rightarrow 0.0079275971 \\ \text{else} \Rightarrow . \end{cases}$
0.4	$\Rightarrow \text{Match}(f0)$		$\begin{cases} \text{"lstm"} \Rightarrow 0.0285122006 \\ \text{"mnb"} \Rightarrow -0.023381191 \\ \text{"sgd"} \Rightarrow -0.005131009 \\ \text{else} \Rightarrow . \end{cases}$
0.5	$\Rightarrow \text{Match}(f0)$		$\begin{cases} \text{"lstm"} \Rightarrow 0.0269023834 \\ \text{"mnb"} \Rightarrow -0.031427521 \\ \text{"sgd"} \Rightarrow 0.0045251378 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)**Prediction Expression**

		$0.55 \Rightarrow \text{Match}(\beta)$	$0.6 \Rightarrow \text{Match}(f())$	$0.7 \Rightarrow \text{Match}(f())$	$0.8 \Rightarrow \text{Match}(f())$	$0.9 \Rightarrow \text{Match}(f())$	$1 \Rightarrow \text{Match}(f())$	$0.1 \Rightarrow \text{Match}(f())$	$0.2 \Rightarrow \text{Match}(f())$	$0.3 \Rightarrow \text{Match}(f())$	"lstm" $\Rightarrow 0.0354138248$ "mnb" $\Rightarrow -0.033413269$ "sgd" $\Rightarrow -0.002000556$ else $\Rightarrow .$	"lstm" $\Rightarrow 0.0281267153$ "mnb" $\Rightarrow -0.031266029$ "sgd" $\Rightarrow 0.0031393137$ else $\Rightarrow .$	"lstm" $\Rightarrow 0.0315148504$ "mnb" $\Rightarrow -0.021808322$ "sgd" $\Rightarrow -0.009706529$ else $\Rightarrow .$	"lstm" $\Rightarrow 0.0316193793$ "mnb" $\Rightarrow -0.023332395$ "sgd" $\Rightarrow -0.008286984$ else $\Rightarrow .$	"lstm" $\Rightarrow 0.0249813886$ "mnb" $\Rightarrow -0.030437648$ "sgd" $\Rightarrow 0.0054562597$ else $\Rightarrow .$	"lstm" $\Rightarrow 0$ "mnb" $\Rightarrow 0$ "sgd" $\Rightarrow 0$ else $\Rightarrow .$	"lstm" $\Rightarrow -0.007293422$ "mnb" $\Rightarrow 0.0277001181$ "sgd" $\Rightarrow -0.020406696$ else $\Rightarrow .$	"lstm" $\Rightarrow -0.019822355$ "mnb" $\Rightarrow 0.0048271396$ "sgd" $\Rightarrow 0.0149952157$ else $\Rightarrow .$	"lstm" $\Rightarrow 0.0034023153$
--	--	--	-------------------------------------	-------------------------------------	-------------------------------------	-------------------------------------	-----------------------------------	-------------------------------------	-------------------------------------	-------------------------------------	---	---	---	---	---	--	---	---	-----------------------------------

Response R(beta, 0)**Prediction Expression**

		$0.4 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "mnb" \Rightarrow -0.007824122 \\ "sgd" \Rightarrow 0.0044218066 \\ \text{else} \Rightarrow . \end{cases}$
		$0.5 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.0055732684 \\ "mnb" \Rightarrow -0.012877164 \\ "sgd" \Rightarrow 0.0073038953 \\ \text{else} \Rightarrow . \end{cases}$
	$0.6 \Rightarrow \text{Match}(\beta)$	$0.6 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.0135097323 \\ "mnb" \Rightarrow -0.013815176 \\ "sgd" \Rightarrow 0.0003054438 \\ \text{else} \Rightarrow . \end{cases}$
		$0.7 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.006856412 \\ "mnb" \Rightarrow -0.010773464 \\ "sgd" \Rightarrow 0.0039170519 \\ \text{else} \Rightarrow . \end{cases}$
		$0.8 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.0148021688 \\ "mnb" \Rightarrow -0.003397139 \\ "sgd" \Rightarrow -0.011405029 \\ \text{else} \Rightarrow . \end{cases}$
		$0.9 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.0132975914 \\ "mnb" \Rightarrow -0.004316899 \\ "sgd" \Rightarrow -0.008980692 \\ \text{else} \Rightarrow . \end{cases}$
		$1 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.0075671043 \\ "mnb" \Rightarrow -0.011589506 \\ "sgd" \Rightarrow 0.0040224013 \\ \text{else} \Rightarrow . \end{cases}$
		$0.1 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
		$0.2 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow -0.037761087 \\ "mnb" \Rightarrow 0.0012202949 \\ \dots \end{cases}$

Response R(beta, 0)**Prediction Expression**

		$\sqrt{\left(\begin{array}{l} "sgd" \Rightarrow 0.0365407921 \\ \text{else} \Rightarrow . \end{array} \right)}$
0.3 \Rightarrow Match(f0)		$\left(\begin{array}{l} "lstm" \Rightarrow -0.047402318 \\ "mnb" \Rightarrow 0.0257667121 \\ "sgd" \Rightarrow 0.0216356061 \\ \text{else} \Rightarrow . \end{array} \right)$
0.4 \Rightarrow Match(f0)		$\left(\begin{array}{l} "lstm" \Rightarrow -0.023252652 \\ "mnb" \Rightarrow -0.000906578 \\ "sgd" \Rightarrow 0.0241592304 \\ \text{else} \Rightarrow . \end{array} \right)$
0.5 \Rightarrow Match(f0)		$\left(\begin{array}{l} "lstm" \Rightarrow -0.012599291 \\ "mnb" \Rightarrow -0.012817028 \\ "sgd" \Rightarrow 0.0254163193 \\ \text{else} \Rightarrow . \end{array} \right)$
0.65 \Rightarrow Match(beta)		$\left(\begin{array}{l} "lstm" \Rightarrow -0.000518481 \\ "mnb" \Rightarrow -0.015017258 \\ "sgd" \Rightarrow 0.0155357393 \\ \text{else} \Rightarrow . \end{array} \right)$
0.6 \Rightarrow Match(f0)		$\left(\begin{array}{l} "lstm" \Rightarrow -0.00932776 \\ "mnb" \Rightarrow -0.010378645 \\ "sgd" \Rightarrow 0.0197064046 \\ \text{else} \Rightarrow . \end{array} \right)$
0.7 \Rightarrow Match(f0)		$\left(\begin{array}{l} "lstm" \Rightarrow -0.007374126 \\ "mnb" \Rightarrow 0.0004432212 \\ "sgd" \Rightarrow 0.0069309043 \\ \text{else} \Rightarrow . \end{array} \right)$
0.8 \Rightarrow Match(f0)		$\left(\begin{array}{l} "lstm" \Rightarrow -0.003409591 \\ "mnb" \Rightarrow -0.003857704 \\ "sgd" \Rightarrow 0.0072672943 \\ \text{else} \Rightarrow . \end{array} \right)$
0.9 \Rightarrow Match(f0)		$\left(\begin{array}{l} "lstm" \Rightarrow -0.01075041 \\ "mnb" \Rightarrow -0.009659188 \\ "sgd" \Rightarrow 0.0204095989 \\ \text{else} \Rightarrow . \end{array} \right)$
1	\Rightarrow Match(f0)	$\left(\begin{array}{l} "lstm" \Rightarrow -0.01075041 \\ "mnb" \Rightarrow -0.009659188 \\ "sgd" \Rightarrow 0.0204095989 \\ \text{else} \Rightarrow . \end{array} \right)$

Response R(beta, 0)**Prediction Expression**

$0.9 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
$1 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
$0.1 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
$0.2 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{"lstm"} \Rightarrow -0.011675196 \\ \text{"mnb"} \Rightarrow 0.0010386344 \\ \text{"sgd"} \Rightarrow 0.0106365619 \\ \text{else} \Rightarrow . \end{cases}$
$0.3 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{"lstm"} \Rightarrow 0.000581217 \\ \text{"mnb"} \Rightarrow -0.008852098 \\ \text{"sgd"} \Rightarrow 0.0082708806 \\ \text{else} \Rightarrow . \end{cases}$
$0.4 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{"lstm"} \Rightarrow 0.000441513 \\ \text{"mnb"} \Rightarrow -0.000670155 \\ \text{"sgd"} \Rightarrow 0.0002286423 \\ \text{else} \Rightarrow . \end{cases}$
$0.5 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{"lstm"} \Rightarrow 0.0048979113 \\ \text{"mnb"} \Rightarrow 0.0046147289 \\ \text{"sgd"} \Rightarrow -0.00951264 \\ \text{else} \Rightarrow . \end{cases}$
$0.1 \Rightarrow \text{Match}(\beta)$	$\begin{cases} \text{"lstm"} \Rightarrow -0.004295577 \\ \text{"mnb"} \Rightarrow 0.0012421527 \\ \text{"sgd"} \Rightarrow 0.0030534246 \\ \text{else} \Rightarrow . \end{cases}$
$0.6 \Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{"lstm"} \Rightarrow 0.0085501665 \\ \text{"mnb"} \Rightarrow 0.0075736671 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)**Prediction Expression**

$$0.7 \Rightarrow \text{Match}(f_0) \left\{ \begin{array}{l} \text{"sgd"} \Rightarrow -0.016123834 \\ \text{"else"} \Rightarrow . \end{array} \right.$$

$$0.8 \Rightarrow \text{Match}(f_0) \left\{ \begin{array}{l} \text{"lstm"} \Rightarrow 0.0027440817 \\ \text{"mnb"} \Rightarrow -0.001989544 \\ \text{"sgd"} \Rightarrow -0.000754538 \\ \text{"else"} \Rightarrow . \end{array} \right.$$

$$0.9 \Rightarrow \text{Match}(f_0) \left\{ \begin{array}{l} \text{"lstm"} \Rightarrow 0.0041480472 \\ \text{"mnb"} \Rightarrow -0.006895594 \\ \text{"sgd"} \Rightarrow 0.0027475471 \\ \text{"else"} \Rightarrow . \end{array} \right.$$

$$1 \Rightarrow \text{Match}(f_0) \left\{ \begin{array}{l} \text{"lstm"} \Rightarrow 0.0156122692 \\ \text{"mnb"} \Rightarrow 0.0075121401 \\ \text{"sgd"} \Rightarrow -0.023124409 \\ \text{"else"} \Rightarrow . \end{array} \right.$$

else $\Rightarrow .$

$$0.1 \Rightarrow \text{Match}(f_0) \left\{ \begin{array}{l} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{"else"} \Rightarrow . \end{array} \right.$$

$$0.2 \Rightarrow \text{Match}(f_0) \left\{ \begin{array}{l} \text{"lstm"} \Rightarrow -0.018297002 \\ \text{"mnb"} \Rightarrow -0.000712936 \\ \text{"sgd"} \Rightarrow 0.019009938 \\ \text{"else"} \Rightarrow . \end{array} \right.$$

$$0.3 \Rightarrow \text{Match}(f_0) \left\{ \begin{array}{l} \text{"lstm"} \Rightarrow -0.013588607 \\ \text{"mnb"} \Rightarrow -0.010839045 \\ \text{"sgd"} \Rightarrow 0.0244276523 \\ \text{"else"} \Rightarrow . \end{array} \right.$$

$$0.4 \Rightarrow \text{Match}(f_0) \left\{ \begin{array}{l} \text{"lstm"} \Rightarrow 0.0058812908 \\ \text{"mnb"} \Rightarrow -0.013997998 \\ \text{"sgd"} \Rightarrow 0.0081167074 \\ \text{"else"} \Rightarrow . \end{array} \right.$$

$$0.5 \Rightarrow \text{Match}(f_0) \left\{ \begin{array}{l} \text{"lstm"} \Rightarrow -0.012631215 \\ \text{"mnb"} \Rightarrow -0.010564207 \\ \text{"sgd"} \Rightarrow 0.0231954221 \end{array} \right.$$

Response R(beta, 0)	Prediction Expression	
0.15	$\Rightarrow \text{Match}(\text{beta})$	$\begin{cases} \text{else} \Rightarrow . \\ \text{lstm"} \Rightarrow -0.011152964 \\ \text{mnb"} \Rightarrow 0.0055842369 \\ \text{sgd"} \Rightarrow 0.0055687274 \\ \text{else} \Rightarrow . \end{cases}$
0.6	$\Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm"} \Rightarrow 0.003366765 \\ \text{mnb"} \Rightarrow -0.013340663 \\ \text{sgd"} \Rightarrow 0.0099738977 \\ \text{else} \Rightarrow . \end{cases}$
0.7	$\Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm"} \Rightarrow -0.012664433 \\ \text{mnb"} \Rightarrow -0.011450487 \\ \text{sgd"} \Rightarrow 0.0241149202 \\ \text{else} \Rightarrow . \end{cases}$
0.8	$\Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm"} \Rightarrow -0.008751135 \\ \text{mnb"} \Rightarrow -0.012266968 \\ \text{sgd"} \Rightarrow 0.021018103 \\ \text{else} \Rightarrow . \end{cases}$
0.9	$\Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm"} \Rightarrow 0.0002977053 \\ \text{mnb"} \Rightarrow -0.001677015 \\ \text{sgd"} \Rightarrow 0.0013793098 \\ \text{else} \Rightarrow . \end{cases}$
1	$\Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm"} \Rightarrow 0 \\ \text{mnb"} \Rightarrow 0 \\ \text{sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
0.1	$\Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm"} \Rightarrow 0 \\ \text{mnb"} \Rightarrow 0 \\ \text{sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
0.2	$\Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm"} \Rightarrow -0.008603424 \\ \text{mnb"} \Rightarrow 0.0064412984 \\ \text{sgd"} \Rightarrow 0.0021621254 \\ \text{else} \Rightarrow . \end{cases}$
0.3	$\Rightarrow \text{Match}(f_0)$	$\begin{cases} \text{lstm"} \Rightarrow -0.003576898 \\ \text{mnb"} \Rightarrow -0.001467297 \\ \text{sgd"} \Rightarrow 0.0050441948 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)**Prediction Expression**

		$0.4 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} "lstm" \Rightarrow -0.003073221 \\ "mnb" \Rightarrow -0.009116664 \\ "sgd" \Rightarrow 0.0121898849 \\ \text{else} \Rightarrow . \end{array} \right)$	
		$0.5 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} "lstm" \Rightarrow -0.009282406 \\ "mnb" \Rightarrow 0.0169666029 \\ "sgd" \Rightarrow -0.007684197 \\ \text{else} \Rightarrow . \end{array} \right)$	
	$0.2 \Rightarrow \text{Match}(\beta)$	$0.6 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} "lstm" \Rightarrow -0.009733849 \\ "mnb" \Rightarrow -0.000111296 \\ "sgd" \Rightarrow 0.0098451457 \\ \text{else} \Rightarrow . \end{array} \right)$	
		$0.7 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} "lstm" \Rightarrow 0.0064831303 \\ "mnb" \Rightarrow 0.0052576274 \\ "sgd" \Rightarrow -0.011740758 \\ \text{else} \Rightarrow . \end{array} \right)$	
		$0.8 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} "lstm" \Rightarrow -0.007264326 \\ "mnb" \Rightarrow -0.009795083 \\ "sgd" \Rightarrow 0.017059409 \\ \text{else} \Rightarrow . \end{array} \right)$	
		$0.9 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} "lstm" \Rightarrow -0.003912962 \\ "mnb" \Rightarrow 0.0049242125 \\ "sgd" \Rightarrow -0.00101125 \\ \text{else} \Rightarrow . \end{array} \right)$	
	$1 \Rightarrow \text{Match}(f0)$	$\left(\begin{array}{l} "lstm" \Rightarrow 0.0040084104 \\ "mnb" \Rightarrow 0.0094256358 \\ "sgd" \Rightarrow -0.013434046 \\ \text{else} \Rightarrow . \end{array} \right)$	
		$0.1 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{array} \right)$	
		$"lstm" \Rightarrow 0.0017400852$	

Response R(beta, 0)**Prediction Expression**

		$0.2 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "mnb" \Rightarrow -0.000108162 \\ "sgd" \Rightarrow -0.001631923 \\ \text{else} \Rightarrow . \end{cases}$
		$0.3 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow -0.010788139 \\ "mnb" \Rightarrow -0.002001801 \\ "sgd" \Rightarrow 0.0127899397 \\ \text{else} \Rightarrow . \end{cases}$
		$0.4 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.0034137935 \\ "mnb" \Rightarrow -0.013436934 \\ "sgd" \Rightarrow 0.010023141 \\ \text{else} \Rightarrow . \end{cases}$
		$0.5 \Rightarrow \text{Match}(f_0)$	$\begin{cases} "lstm" \Rightarrow 0.010910331 \\ "mnb" \Rightarrow 0.0087611826 \\ "sgd" \Rightarrow -0.019671514 \\ \text{else} \Rightarrow . \end{cases}$
	$0.25 \Rightarrow \text{Match}(\beta)$		$\begin{cases} "lstm" \Rightarrow -0.000377379 \\ "mnb" \Rightarrow 0.0008286426 \\ "sgd" \Rightarrow -0.000451264 \\ \text{else} \Rightarrow . \end{cases}$
	$0.6 \Rightarrow \text{Match}(f_0)$		$\begin{cases} "lstm" \Rightarrow 0.0132578037 \\ "mnb" \Rightarrow -0.006785325 \\ "sgd" \Rightarrow -0.006472479 \\ \text{else} \Rightarrow . \end{cases}$
	$0.7 \Rightarrow \text{Match}(f_0)$		$\begin{cases} "lstm" \Rightarrow 0.0140687824 \\ "mnb" \Rightarrow -0.015878501 \\ "sgd" \Rightarrow 0.0018097183 \\ \text{else} \Rightarrow . \end{cases}$
	$0.8 \Rightarrow \text{Match}(f_0)$		$\begin{cases} "lstm" \Rightarrow 0.0086072856 \\ "mnb" \Rightarrow -0.019693472 \\ "sgd" \Rightarrow 0.0110861865 \\ \text{else} \Rightarrow . \end{cases}$
	$0.9 \Rightarrow \text{Match}(f_0)$		$\begin{cases} "lstm" \Rightarrow 0.0207632566 \\ "mnb" \Rightarrow -0.008798094 \\ "sgd" \Rightarrow -0.011965163 \\ \text{else} \Rightarrow . \end{cases}$
	$1 \Rightarrow \text{Match}(f_0)$		

Response R(beta, 0)	
Prediction Expression	
	"lstm" \Rightarrow 0.002191005
	"mnb" \Rightarrow -0.015017221
	"sgd" \Rightarrow 0.0132101035
	else \Rightarrow .
0.1 \Rightarrow Match(f0)	$\begin{cases} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
0.2 \Rightarrow Match(f0)	$\begin{cases} "lstm" \Rightarrow -0.015782094 \\ "mnb" \Rightarrow -0.024899221 \\ "sgd" \Rightarrow 0.040681315 \\ \text{else} \Rightarrow . \end{cases}$
0.3 \Rightarrow Match(f0)	$\begin{cases} "lstm" \Rightarrow -0.003891009 \\ "mnb" \Rightarrow -0.025953277 \\ "sgd" \Rightarrow 0.0298442855 \\ \text{else} \Rightarrow . \end{cases}$
0.4 \Rightarrow Match(f0)	$\begin{cases} "lstm" \Rightarrow -0.002999174 \\ "mnb" \Rightarrow -0.021846642 \\ "sgd" \Rightarrow 0.0248458157 \\ \text{else} \Rightarrow . \end{cases}$
0.5 \Rightarrow Match(f0)	$\begin{cases} "lstm" \Rightarrow 0.0042732258 \\ "mnb" \Rightarrow -0.003062836 \\ "sgd" \Rightarrow -0.00121039 \\ \text{else} \Rightarrow . \end{cases}$
0.3 \Rightarrow Match(beta)	$\begin{cases} "lstm" \Rightarrow -0.012045291 \\ "mnb" \Rightarrow 0.0001728631 \\ "sgd" \Rightarrow 0.0118724277 \\ \text{else} \Rightarrow . \end{cases}$
0.6 \Rightarrow Match(f0)	$\begin{cases} "lstm" \Rightarrow 0.0079350481 \\ "mnb" \Rightarrow -0.012790195 \\ "sgd" \Rightarrow 0.0048551469 \\ \text{else} \Rightarrow . \end{cases}$
0.7 \Rightarrow Match(f0)	$\begin{cases} "lstm" \Rightarrow 0.001807117 \\ "mnb" \Rightarrow -0.015017221 \\ "sgd" \Rightarrow 0.0132101035 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)	
Prediction Expression	
	$0.9 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{lstm} \Rightarrow -0.002191093 \\ \text{"mnb"} \Rightarrow -0.012255754 \\ \text{"sgd"} \Rightarrow 0.0144468489 \\ \text{else} \Rightarrow . \end{array} \right)$
	$1 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{lstm} \Rightarrow 0.0074355193 \\ \text{"mnb"} \Rightarrow -0.006428178 \\ \text{"sgd"} \Rightarrow -0.001007341 \\ \text{else} \Rightarrow . \end{array} \right)$
	$\text{else} \Rightarrow .$
	$0.1 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{lstm} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{array} \right)$
	$0.2 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{lstm} \Rightarrow -0.011406808 \\ \text{"mnb"} \Rightarrow 0.0107474162 \\ \text{"sgd"} \Rightarrow 0.0006593915 \\ \text{else} \Rightarrow . \end{array} \right)$
	$0.3 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{lstm} \Rightarrow -0.00108533 \\ \text{"mnb"} \Rightarrow -0.000305568 \\ \text{"sgd"} \Rightarrow 0.0013908977 \\ \text{else} \Rightarrow . \end{array} \right)$
	$0.4 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{lstm} \Rightarrow -0.003364761 \\ \text{"mnb"} \Rightarrow 0.0065509558 \\ \text{"sgd"} \Rightarrow -0.003186195 \\ \text{else} \Rightarrow . \end{array} \right)$
	$0.5 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{lstm} \Rightarrow 0.009673345 \\ \text{"mnb"} \Rightarrow 0.0102148204 \\ \text{"sgd"} \Rightarrow -0.019888165 \\ \text{else} \Rightarrow . \end{array} \right)$
"NNAR" $\Rightarrow \text{Match}(\alpha)$	$0.35 \Rightarrow \text{Match}(\beta)$
	$0.6 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{lstm} \Rightarrow 0.0020758709 \\ \text{"mnb"} \Rightarrow 0.0104089904 \\ \text{"sgd"} \Rightarrow -0.012484861 \\ \text{else} \Rightarrow . \end{array} \right)$
	$\text{, , } \left(\begin{array}{l} \text{lstm} \Rightarrow 0.0107921171 \\ \text{"mnb"} \Rightarrow 0.0105738817 \end{array} \right)$

Response R(beta, 0)**Prediction Expression**

$0.7 \Rightarrow \text{Match}(f0)$ $\begin{cases} \text{"sgd"} \Rightarrow -0.021365999 \\ \text{else} \Rightarrow . \end{cases}$

$0.8 \Rightarrow \text{Match}(f0)$ $\begin{cases} \text{"lstm"} \Rightarrow 0.0119198613 \\ \text{"mnb"} \Rightarrow -0.000845134 \\ \text{"sgd"} \Rightarrow -0.011074727 \\ \text{else} \Rightarrow . \end{cases}$

$0.9 \Rightarrow \text{Match}(f0)$ $\begin{cases} \text{"lstm"} \Rightarrow 0.0053264047 \\ \text{"mnb"} \Rightarrow 0.0031202988 \\ \text{"sgd"} \Rightarrow -0.008446703 \\ \text{else} \Rightarrow . \end{cases}$

$1 \Rightarrow \text{Match}(f0)$ $\begin{cases} \text{"lstm"} \Rightarrow 0.0160913376 \\ \text{"mnb"} \Rightarrow 0.0064453662 \\ \text{"sgd"} \Rightarrow -0.022536704 \\ \text{else} \Rightarrow . \end{cases}$

$\text{else} \Rightarrow .$

$0.1 \Rightarrow \text{Match}(f0)$ $\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$

$0.2 \Rightarrow \text{Match}(f0)$ $\begin{cases} \text{"lstm"} \Rightarrow -0.023022461 \\ \text{"mnb"} \Rightarrow 0.0065417106 \\ \text{"sgd"} \Rightarrow 0.0164807505 \\ \text{else} \Rightarrow . \end{cases}$

$0.3 \Rightarrow \text{Match}(f0)$ $\begin{cases} \text{"lstm"} \Rightarrow -0.017668233 \\ \text{"mnb"} \Rightarrow -0.003052465 \\ \text{"sgd"} \Rightarrow 0.0207206978 \\ \text{else} \Rightarrow . \end{cases}$

$0.4 \Rightarrow \text{Match}(f0)$ $\begin{cases} \text{"lstm"} \Rightarrow -0.011434433 \\ \text{"mnb"} \Rightarrow -0.003589253 \\ \text{"sgd"} \Rightarrow 0.0150236863 \\ \text{else} \Rightarrow . \end{cases}$

$0.5 \Rightarrow \text{Match}(f0)$ $\begin{cases} \text{"lstm"} \Rightarrow -0.005842676 \\ \text{"mnb"} \Rightarrow 0.0091062783 \\ \text{"sgd"} \Rightarrow -0.003263602 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)**Prediction Expression**

			$\text{else} \Rightarrow .$
0.4	$\Rightarrow \text{Match}(\text{beta})$		
0.6	$\Rightarrow \text{Match}(f0)$	$\begin{cases} \text{"lstm"} \Rightarrow -0.017474601 \\ \text{"mnb"} \Rightarrow 0.0101787538 \\ \text{"sgd"} \Rightarrow 0.0072958473 \\ \text{else} \Rightarrow . \end{cases}$	
0.7	$\Rightarrow \text{Match}(f0)$	$\begin{cases} \text{"lstm"} \Rightarrow -0.004986891 \\ \text{"mnb"} \Rightarrow 0.0006908628 \\ \text{"sgd"} \Rightarrow 0.0042960285 \\ \text{else} \Rightarrow . \end{cases}$	
0.8	$\Rightarrow \text{Match}(f0)$	$\begin{cases} \text{"lstm"} \Rightarrow -0.004105003 \\ \text{"mnb"} \Rightarrow -0.002887918 \\ \text{"sgd"} \Rightarrow 0.0069929209 \\ \text{else} \Rightarrow . \end{cases}$	
0.9	$\Rightarrow \text{Match}(f0)$	$\begin{cases} \text{"lstm"} \Rightarrow -0.005116409 \\ \text{"mnb"} \Rightarrow -0.001844777 \\ \text{"sgd"} \Rightarrow 0.0069611853 \\ \text{else} \Rightarrow . \end{cases}$	
1	$\Rightarrow \text{Match}(f0)$	$\begin{cases} \text{"lstm"} \Rightarrow 0.0078121915 \\ \text{"mnb"} \Rightarrow 0.0036378026 \\ \text{"sgd"} \Rightarrow -0.011449994 \\ \text{else} \Rightarrow . \end{cases}$	
		$\text{else} \Rightarrow .$	
0.1	$\Rightarrow \text{Match}(f0)$	$\begin{cases} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$	
0.2	$\Rightarrow \text{Match}(f0)$	$\begin{cases} \text{"lstm"} \Rightarrow -0.031304162 \\ \text{"mnb"} \Rightarrow 0.0045905745 \\ \text{"sgd"} \Rightarrow 0.0267135873 \\ \text{else} \Rightarrow . \end{cases}$	
0.3	$\Rightarrow \text{Match}(f0)$	$\begin{cases} \text{"lstm"} \Rightarrow -0.034617556 \\ \text{"mnb"} \Rightarrow -0.007110858 \\ \text{"sgd"} \Rightarrow 0.0417284142 \\ \text{else} \Rightarrow . \end{cases}$	

Response R(beta, 0)**Prediction Expression**

		$0.4 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} "lstm" \Rightarrow -0.034243547 \\ "mnb" \Rightarrow -0.007209407 \\ "sgd" \Rightarrow 0.0414529535 \\ \text{else} \Rightarrow . \end{array} \right)$
		$0.5 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} "lstm" \Rightarrow -0.026936052 \\ "mnb" \Rightarrow 0.002910731 \\ "sgd" \Rightarrow 0.024025321 \\ \text{else} \Rightarrow . \end{array} \right)$
	$0.45 \Rightarrow \text{Match}(\beta)$	$0.6 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} "lstm" \Rightarrow -0.033698235 \\ "mnb" \Rightarrow 0.0024318705 \\ "sgd" \Rightarrow 0.0312663647 \\ \text{else} \Rightarrow . \end{array} \right)$
		$0.7 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} "lstm" \Rightarrow -0.021668429 \\ "mnb" \Rightarrow -0.001232589 \\ "sgd" \Rightarrow 0.0229010183 \\ \text{else} \Rightarrow . \end{array} \right)$
		$0.8 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} "lstm" \Rightarrow -0.024043724 \\ "mnb" \Rightarrow -0.012243661 \\ "sgd" \Rightarrow 0.0362873849 \\ \text{else} \Rightarrow . \end{array} \right)$
		$0.9 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} "lstm" \Rightarrow -0.027390539 \\ "mnb" \Rightarrow -0.00752932 \\ "sgd" \Rightarrow 0.0349198594 \\ \text{else} \Rightarrow . \end{array} \right)$
	$1 \Rightarrow \text{Match}(f0)$	$\left(\begin{array}{l} "lstm" \Rightarrow -0.017558891 \\ "mnb" \Rightarrow -0.001934792 \\ "sgd" \Rightarrow 0.0194936833 \\ \text{else} \Rightarrow . \end{array} \right)$
		$0.1 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{array} \right)$
		$"lstm" \Rightarrow -0.012902664$

Response R(beta, 0)**Prediction Expression**

		$0.2 \Rightarrow \text{Match}(f0)$	$\begin{cases} "mnb" \Rightarrow 0.0245205431 \\ "sgd" \Rightarrow -0.011617879 \\ \text{else} \Rightarrow . \end{cases}$
		$0.3 \Rightarrow \text{Match}(f0)$	$\begin{cases} "lstm" \Rightarrow -0.031997547 \\ "mnb" \Rightarrow 0.0168595227 \\ "sgd" \Rightarrow 0.0151380243 \\ \text{else} \Rightarrow . \end{cases}$
		$0.4 \Rightarrow \text{Match}(f0)$	$\begin{cases} "lstm" \Rightarrow -0.035755431 \\ "mnb" \Rightarrow 0.0164921529 \\ "sgd" \Rightarrow 0.0192632781 \\ \text{else} \Rightarrow . \end{cases}$
		$0.5 \Rightarrow \text{Match}(f0)$	$\begin{cases} "lstm" \Rightarrow -0.036658647 \\ "mnb" \Rightarrow 0.0268316821 \\ "sgd" \Rightarrow 0.0098269646 \\ \text{else} \Rightarrow . \end{cases}$
	$0.5 \Rightarrow \text{Match}(\beta)$		$\begin{cases} "lstm" \Rightarrow -0.040915082 \\ "mnb" \Rightarrow 0.0268613452 \\ "sgd" \Rightarrow 0.014053737 \\ \text{else} \Rightarrow . \end{cases}$
		$0.6 \Rightarrow \text{Match}(f0)$	$\begin{cases} "lstm" \Rightarrow -0.03206788 \\ "mnb" \Rightarrow 0.0228387919 \\ "sgd" \Rightarrow 0.0092290878 \\ \text{else} \Rightarrow . \end{cases}$
		$0.8 \Rightarrow \text{Match}(f0)$	$\begin{cases} "lstm" \Rightarrow -0.037252989 \\ "mnb" \Rightarrow 0.0148418983 \\ "sgd" \Rightarrow 0.0224110912 \\ \text{else} \Rightarrow . \end{cases}$
		$0.9 \Rightarrow \text{Match}(f0)$	$\begin{cases} "lstm" \Rightarrow -0.0394119 \\ "mnb" \Rightarrow 0.0179532316 \\ "sgd" \Rightarrow 0.0214586682 \\ \text{else} \Rightarrow . \end{cases}$
		$1 \Rightarrow \text{Match}(f0)$	$\begin{cases} "lstm" \Rightarrow -0.030075221 \\ "mnb" \Rightarrow 0.0237144395 \\ "sgd" \Rightarrow 0.0063607812 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)**Prediction Expression**

		$\text{else} \Rightarrow .$
		$0.1 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{else} \Rightarrow . \end{array} \right)$
		$0.2 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0.011748226 \\ \text{"mnb"} \Rightarrow 0.0067774756 \\ \text{"sgd"} \Rightarrow -0.018525702 \\ \text{else} \Rightarrow . \end{array} \right)$
		$0.3 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.007959854 \\ \text{"mnb"} \Rightarrow 0.015887451 \\ \text{"sgd"} \Rightarrow -0.007927597 \\ \text{else} \Rightarrow . \end{array} \right)$
		$0.4 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.028512201 \\ \text{"mnb"} \Rightarrow 0.0233811913 \\ \text{"sgd"} \Rightarrow 0.0051310093 \\ \text{else} \Rightarrow . \end{array} \right)$
		$0.5 \Rightarrow \text{Match}(f_0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.026902383 \\ \text{"mnb"} \Rightarrow 0.0314275213 \\ \text{"sgd"} \Rightarrow -0.004525138 \\ \text{else} \Rightarrow . \end{array} \right)$
	$0.55 \Rightarrow \text{Match}(\beta)$	$\left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.035413825 \\ \text{"mnb"} \Rightarrow 0.0334132693 \\ \text{"sgd"} \Rightarrow 0.0020005555 \\ \text{else} \Rightarrow . \end{array} \right)$
	$0.6 \Rightarrow \text{Match}(f_0)$	$\left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.028126715 \\ \text{"mnb"} \Rightarrow 0.031266029 \\ \text{"sgd"} \Rightarrow -0.003139314 \\ \text{else} \Rightarrow . \end{array} \right)$
	$0.7 \Rightarrow \text{Match}(f_0)$	$\left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.03151485 \\ \text{"mnb"} \Rightarrow 0.0218083218 \\ \text{"sgd"} \Rightarrow 0.0097065286 \\ \text{else} \Rightarrow . \end{array} \right)$
	$0.8 \Rightarrow \text{Match}(f_0)$	$\left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.031619379 \\ \text{"mnb"} \Rightarrow . \\ \text{"sgd"} \Rightarrow . \\ \text{else} \Rightarrow . \end{array} \right)$

Response R(beta, 0)**Prediction Expression**

		$0.9 \Rightarrow \text{Match}(f()) \begin{cases} "mnb" \Rightarrow 0.0233323952 \\ "sgd" \Rightarrow 0.0082869842 \\ \text{else} \Rightarrow . \end{cases}$
	1	$\Rightarrow \text{Match}(f()) \begin{cases} "lstm" \Rightarrow -0.024981389 \\ "mnb" \Rightarrow 0.0304376483 \\ "sgd" \Rightarrow -0.00545626 \\ \text{else} \Rightarrow . \end{cases}$
		$\text{else} \Rightarrow .$
	0.1	$\Rightarrow \text{Match}(f()) \begin{cases} "lstm" \Rightarrow 0 \\ "mnb" \Rightarrow 0 \\ "sgd" \Rightarrow 0 \\ \text{else} \Rightarrow . \end{cases}$
	0.2	$\Rightarrow \text{Match}(f()) \begin{cases} "lstm" \Rightarrow 0.0072934221 \\ "mnb" \Rightarrow -0.027700118 \\ "sgd" \Rightarrow 0.0204066961 \\ \text{else} \Rightarrow . \end{cases}$
	0.3	$\Rightarrow \text{Match}(f()) \begin{cases} "lstm" \Rightarrow 0.0198223553 \\ "mnb" \Rightarrow -0.00482714 \\ "sgd" \Rightarrow -0.014995216 \\ \text{else} \Rightarrow . \end{cases}$
	0.4	$\Rightarrow \text{Match}(f()) \begin{cases} "lstm" \Rightarrow -0.003402315 \\ "mnb" \Rightarrow 0.0078241219 \\ "sgd" \Rightarrow -0.004421807 \\ \text{else} \Rightarrow . \end{cases}$
	0.5	$\Rightarrow \text{Match}(f()) \begin{cases} "lstm" \Rightarrow -0.005573268 \\ "mnb" \Rightarrow 0.0128771637 \\ "sgd" \Rightarrow -0.007303895 \\ \text{else} \Rightarrow . \end{cases}$
0.6		$\Rightarrow \text{Match}(\beta) \begin{cases} "lstm" \Rightarrow -0.013509732 \\ "mnb" \Rightarrow 0.0138151761 \\ "sgd" \Rightarrow -0.000305444 \\ \text{else} \Rightarrow . \end{cases}$
		$\Rightarrow \text{Match}(f()) \begin{cases} "lstm" \Rightarrow -0.006856412 \\ "mnb" \Rightarrow 0.0107734639 \\ \text{else} \Rightarrow . \end{cases}$

Response R(beta, 0)**Prediction Expression**

$$0.7 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{"sgd"} \Rightarrow -0.003917052 \\ \text{"else"} \Rightarrow . \end{array} \right)$$

$$0.8 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.014802169 \\ \text{"mnb"} \Rightarrow 0.0033971395 \\ \text{"sgd"} \Rightarrow 0.0114050294 \\ \text{"else"} \Rightarrow . \end{array} \right)$$

$$0.9 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.013297591 \\ \text{"mnb"} \Rightarrow 0.004316899 \\ \text{"sgd"} \Rightarrow 0.0089806923 \\ \text{"else"} \Rightarrow . \end{array} \right)$$

$$1 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow -0.007567104 \\ \text{"mnb"} \Rightarrow 0.0115895056 \\ \text{"sgd"} \Rightarrow -0.004022401 \\ \text{"else"} \Rightarrow . \end{array} \right)$$

$$\text{else} \Rightarrow .$$

$$0.1 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0 \\ \text{"mnb"} \Rightarrow 0 \\ \text{"sgd"} \Rightarrow 0 \\ \text{"else"} \Rightarrow . \end{array} \right)$$

$$0.2 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0.0377610869 \\ \text{"mnb"} \Rightarrow -0.001220295 \\ \text{"sgd"} \Rightarrow -0.036540792 \\ \text{"else"} \Rightarrow . \end{array} \right)$$

$$0.3 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0.0474023182 \\ \text{"mnb"} \Rightarrow -0.025766712 \\ \text{"sgd"} \Rightarrow -0.021635606 \\ \text{"else"} \Rightarrow . \end{array} \right)$$

$$0.4 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0.0232526524 \\ \text{"mnb"} \Rightarrow 0.000906578 \\ \text{"sgd"} \Rightarrow -0.02415923 \\ \text{"else"} \Rightarrow . \end{array} \right)$$

$$0.5 \Rightarrow \text{Match}(f0) \left(\begin{array}{l} \text{"lstm"} \Rightarrow 0.0125992914 \\ \text{"mnb"} \Rightarrow 0.0128170279 \\ \text{"sgd"} \Rightarrow -0.025416319 \end{array} \right)$$

Response R(beta, 0)	
Prediction Expression	
	else $\Rightarrow .$
0.65 \Rightarrow Match(beta)	else $\Rightarrow .$
0.6 \Rightarrow Match(f()	$\begin{cases} "lstm" \Rightarrow 0.0005184814 \\ "mnb" \Rightarrow 0.0150172579 \\ "sgd" \Rightarrow -0.015535739 \\ else \Rightarrow . \end{cases}$
0.7 \Rightarrow Match(f()	$\begin{cases} "lstm" \Rightarrow 0.0093277596 \\ "mnb" \Rightarrow 0.010378645 \\ "sgd" \Rightarrow -0.019706405 \\ else \Rightarrow . \end{cases}$
0.8 \Rightarrow Match(f()	$\begin{cases} "lstm" \Rightarrow 0.0073741255 \\ "mnb" \Rightarrow -0.000443221 \\ "sgd" \Rightarrow -0.006930904 \\ else \Rightarrow . \end{cases}$
0.9 \Rightarrow Match(f()	$\begin{cases} "lstm" \Rightarrow 0.0034095906 \\ "mnb" \Rightarrow 0.0038577037 \\ "sgd" \Rightarrow -0.007267294 \\ else \Rightarrow . \end{cases}$
1 \Rightarrow Match(f()	$\begin{cases} "lstm" \Rightarrow 0.0107504104 \\ "mnb" \Rightarrow 0.0096591885 \\ "sgd" \Rightarrow -0.020409599 \\ else \Rightarrow . \end{cases}$
else	$\Rightarrow .$