Table legends

Table 1 Illustration of transform string data into numeric data
Table 2 List of suffix change [18]
Table 3 Comparison of Text images Recognition
Table 4 Data input illustration
Table 5 Data Composition use for training and testing the classification model
Table 6 Result of Single Data Testing for One Hidden Layer
Table 7 Result of Single Data Testing for Two Hidden Layer
Table 8 Compared Accuracy Model from 3 Method

Tables:

Table 1 Illustration of transform string data into numeric data

Database / Data	"One"	"Two"	"Five"
"One Two One"	2	1	0
"Two Three"	0	1	0

Table 2 List of suffix change [18]

Prefix	Phoneme or terms	Changing
meng-	*/r, l, m, n, w, y, ng, ny/*	*me-*
	/p, b, f, v/	*mem-*
	/t, d, c, j, z, sy/	*meng-*
	Phrase< more than one words	*menge-*
peng-	*/r, l, m, n, w, y, ng, ny/*	*pe-*
	/p, b, f, v/	*pem-*
	/t, d, c, j, z, sy/	*peng-*
	Phrase< more than one words	*menge-*
ber-	*/r/*	*be-*
	/ajar/	*bel-*
per-	Affinity	*pe-*
	/ajar/	*pel-*
ter-	*/r/*	*te-*

Table 3 Comparison of Text images Recognition

Image	Explain	Result
	Image with height 17px and line weight 4px	**Identified** Height and line weight enough to identified
	Image with height 14px and line weight 4px	**Identified** Height and line weight enough to identified
	Image with height 10px and line weight 2px	**Unidentified** Height not enough to identified
	Image with height 11px and line weight 1px	**Identified** line weight not enough to identified

Table 4 Data input illustration

No	Words Database / Title	'PAHARGYAN'	'BOJANA'	'KURBAN'	'RAKA'	…	'MANUSIA'
1	'PAHARGYAN BOJANA KURBAN'	1	1	1	0	…	0
2	'RAKA AGUNG SEBUAH RENUNGAN'	0	0	0	1	…	0
3	'KURBAN UNTUK ALLAH'	0	0	1	0	…	0
…	…	…	…	…	…	…	…
354	'FILSAFAT MANUSIA'	0	0	0	0	…	1

Table 5 Data Composition use for training and testing the classification model

Data	Training Data	Validation Data	Testing Data
Philosophical	18	18	17
Religious	34	34	33
School education	67	67	66

Table 6 Result of Single Data Testing for One Hidden Layer

Number of Neuron on First Hidden Layer	**Result (%)**
5	50
10	50
15	66.67
20	50
25	50
30	50
35	66.67
40	50

Table 7 Result of Single Data Testing for Two Hidden Layer

Number of Neuron on First Hidden Layer	**Number of Neuron on Second Hidden Layer**	**Result (%)**
15	5	83.33
15	10	83.33

15	15	66.67
15	20	66.67
15	25	66.67
15	30	83.33
15	35	83.33
15	40	66.67

Table 8 Comparison of Model Accuracy

Method	**Average Accuracy Model (%)**	**Average of Misclassified data**
Back Propagation	63.31	129
Naïve Bayesian	61.29	137
SVM	51.44	171