LAMPIRAN A Hasil Ekstraksi Fitur Data Latih

A.1 Hasil Ekstraksi Fitur dengan Font Arial

	Huruf				Fitur
No		Posisi	Jumlah	Posisi	Chain code Ter-
			Titik	Titik	Normalisasi
	Ain	Terisolasi	0	0	1, 8, 6, 5, 4, 8, 6, 6, 4, 4
1					, , , , , , , , ,
,	Ain	Di awal	0	0	1, 8, 8, 6, 4, 4, 8, 8, 8, 8
2	Ain	Di tengah	0	0	4, 1, 4, 6, 5, 8, 3, 8, 7, 5
3					
4	Ain	Di akhir	0	0	8, 3, 8, 5, 5, 8, 1, 1, 4, 7
5	Alif	Terisolasi	0	0	6, 6, 6, 6, 6, 6, 6, 6, 6
3	Alif	Di akhir	0	0	6, 6, 6, 6, 6, 6, 6, 5, 4
6	-	m . 1 .			
7	Ba	Terisolasi	1	2	6, 6, 6, 5, 4, 4, 4, 4, 3, 2
	Ba	Di awal	1	2	6, 6, 6, 6, 6, 6, 8, 8, 8
8	Ba	Di tangah	1	2	6, 6, 6, 6, 4, 4, 8, 8, 8, 8
9	Ба	Di tengah	1	<i>L</i>	0, 0, 0, 0, 4, 4, 6, 8, 8, 8
10	Ba	Di akhir	1	2	6, 6, 4, 4, 4, 3, 2, 6, 5, 4
	Dal	Terisolasi	0	0	5, 5, 5, 6, 6, 7, 8, 8, 8, 8
11	Dal	Di akhir	0	0	6, 6, 6, 6, 5, 4, 1, 1, 8, 8
12	Dui	Di ukim	Ü		0, 0, 0, 0, 3, 1, 1, 1, 0, 0
	Dhad	Terisolasi	1	0	6, 3, 6, 8, 4, 2, 7, 6, 8, 2
13	Dhad	Di awal	1	0	6, 3, 4, 6, 8, 4, 3, 8, 7, 8
14	Dilud	Drawar	1		0, 3, 1, 0, 0, 1, 3, 0, 7, 0
15	Dhad	Di tengah	1	0	6, 2, 4, 5, 8, 4, 8, 1, 7, 8
	Dhad	Di akhir	1	0	6, 3, 6, 8, 4, 8, 8, 8, 8, 2
16	D1	Transit 1	1	0	<i>E E E C C T</i> 0 0 0 0
17	Dzal	Terisolasi	1	0	5, 5, 5, 6, 6, 7, 8, 8, 8, 8

18 Dzo Terisolasi 1 0 6, 6, 3, 5, 8, 8, 6, 3, 8, 7 20 Dzo Di awal 1 0 6, 6, 3, 5, 8, 8, 6, 4, 8, 8 20 Dzo Di tengah 1 0 6, 6, 3, 6, 8, 8, 4, 8, 8 21 Dzo Di akhir 1 0 6, 6, 3, 6, 8, 8, 4, 8, 1, 8 22 Fa Terisolasi 1 0 6, 5, 4, 8, 2, 5, 6, 1, 6, 4 23 Fa Di awal 1 0 4, 3, 8, 2, 4, 6, 2, 8, 6, 4 4 Fa Di awal 1 0 4, 1, 4, 6, 4, 4, 1, 1, 7, 6 25 Fa Di akhir 1 0 6, 4, 4, 2, 5, 4, 8, 2, 8, 5 26 Ghoin Terisolasi 1 0 1, 8, 6, 5, 4, 8, 6, 4, 4 27 Ghoin Di awal 1 0 1, 8, 8, 6, 4, 4, 8, 8, 8, 8 28 Ghoin Di awal 1 0 1, 8, 8, 6, 4, 4, 8, 8, 8, 8, 8, 8 29 Ghoin Di akhir 1 0 8, 1, 8, 5, 5, 4, 8, 1, 4, 7		Dzal	Di akhir	1	0	6, 6, 6, 6, 5, 4, 1, 1, 8, 8
19 Dzo Di awal 1 0 6, 6, 3, 5, 8, 8, 6, 4, 8, 8 20 Dzo Di tengah 1 0 6, 6, 3, 6, 8, 8, 4, 8, 8, 8 21 Dzo Di akhir 1 0 6, 6, 3, 6, 8, 8, 4, 8, 1, 8 22 Fa Terisolasi 1 0 6, 5, 4, 8, 2, 5, 6, 1, 6, 4 23 Fa Di awal 1 0 4, 3, 8, 2, 4, 6, 2, 8, 6, 4 24 Fa Di tengah 1 0 4, 1, 4, 6, 4, 4, 1, 1, 7, 6 25 Fa Di akhir 1 0 6, 4, 4, 2, 5, 4, 8, 2, 8, 5 26 Ghoin Terisolasi 1 0 1, 8, 6, 5, 4, 8, 6, 6, 4, 4 27 Ghoin Di awal 1 0 1, 8, 6, 5, 4, 8, 6, 6, 4, 4 28 Ghoin Di tengah 1 0 1, 8, 8, 6, 4, 4, 8, 8, 8, 8 29 Ghoin Di akhir 1 0 4, 1, 4, 5, 5, 8, 4, 8, 7, 5 30 Habesar Di awal 0 0 5, 6, 8, 2, 3, 7, 6, 4, 2, 1	18	2241	Di unini		Ů	0, 0, 0, 0, 0, 1, 1, 1, 0, 0
20 Dzo Di tengah 1 0 6, 6, 3, 6, 8, 8, 4, 8, 8, 8 21 Dzo Di akhir 1 0 6, 6, 3, 6, 8, 8, 4, 8, 1, 8 22 Fa Terisolasi 1 0 6, 5, 4, 8, 2, 5, 6, 1, 6, 4 23 Fa Di awal 1 0 4, 3, 8, 2, 4, 6, 2, 8, 6, 4 24 Fa Di tengah 1 0 4, 1, 4, 6, 4, 1, 1, 7, 6 25 Fa Di akhir 1 0 6, 4, 4, 2, 5, 4, 8, 2, 8, 5 26 Ghoin Terisolasi 1 0 1, 8, 6, 5, 4, 8, 6, 6, 4, 4 27 Ghoin Di awal 1 0 1, 8, 6, 5, 4, 8, 6, 6, 4, 4 28 Ghoin Di tengah 1 0 1, 8, 8, 6, 4, 4, 8, 8, 8, 8 29 Ghoin Di tengah 1 0 4, 1, 4, 5, 5, 8, 4, 8, 7, 5 29 Ghoin Di akhir 1 0 8, 1, 8, 5, 5, 4, 8, 1, 4, 7 30 Habesar Terisolasi 0 0 5, 6, 8, 2, 3, 7, 6, 4, 2, 1	19	Dzo	Terisolasi	1	0	6, 6, 3, 5, 8, 8, 6, 3, 8, 7
Dzo Di tengah 1 0 6, 6, 3, 6, 8, 8, 4, 8, 8, 8 Dzo Di akhir 1 0 6, 6, 3, 6, 8, 8, 4, 8, 1, 8 Fa Terisolasi 1 0 6, 5, 4, 8, 2, 5, 6, 1, 6, 4 Fa Di awal 1 0 4, 3, 8, 2, 4, 6, 2, 8, 6, 4 Fa Di tengah 1 0 4, 1, 4, 6, 4, 4, 1, 1, 7, 6 Fa Di akhir 1 0 6, 4, 4, 2, 5, 4, 8, 2, 8, 5 Ghoin Terisolasi 1 0 1, 8, 6, 5, 4, 8, 6, 6, 4, 4 Ghoin Di awal 1 0 1, 8, 6, 5, 4, 8, 6, 6, 4, 4 Ghoin Di awal 1 0 1, 8, 8, 6, 4, 4, 8, 8, 8 Ghoin Di tengah 1 0 4, 1, 4, 5, 5, 8, 4, 8, 7, 5 Ghoin Di akhir 1 0 8, 1, 8, 5, 5, 4, 8, 1, 4, 7 Habesar Terisolasi 0 0 5, 6, 8, 2, 3, 7, 6, 4, 2, 1 Habesar Di awal 0 0 4, 3, 4, 6, 2, 6, 2, 8, 1, 6 Habesar Di akhir 0		Dzo	Di awal	1	0	6, 6, 3, 5, 8, 8, 6, 4, 8, 8
Dzo Di akhir 1 0 6, 6, 3, 6, 8, 8, 4, 8, 1, 8 Fa Terisolasi 1 0 6, 5, 4, 8, 2, 5, 6, 1, 6, 4 Fa Di awal 1 0 4, 3, 8, 2, 4, 6, 2, 8, 6, 4 Fa Di tengah 1 0 4, 1, 4, 6, 4, 4, 1, 1, 7, 6 Fa Di akhir 1 0 6, 4, 4, 2, 5, 4, 8, 2, 8, 5 Ghoin Terisolasi 1 0 1, 8, 6, 5, 4, 8, 6, 6, 4, 4 Ghoin Di awal 1 0 1, 8, 8, 6, 4, 4, 8, 8, 8, 8 Ghoin Di tengah 1 0 4, 1, 4, 5, 5, 8, 4, 8, 7, 5 Ghoin Di tengah 1 0 4, 1, 4, 5, 5, 8, 4, 8, 7, 5 Ghoin Di tengah 1 0 4, 1, 4, 5, 5, 8, 4, 8, 7, 5 Habesar Terisolasi 0 0 5, 6, 8, 2, 3, 7, 6, 4, 2, 1 Habesar Di awal 0 0 4, 4, 6, 2, 7, 4, 4, 8, 4, 6 Habesar Di akhir 0 0 4, 3, 4, 6, 2, 6, 2, 8, 1, 6 Hamzah Terisolasi	20	Dzo	Di tengah	1	0	6, 6, 3, 6, 8, 8, 4, 8, 8, 8
22 Fa Terisolasi 1 0 6, 5, 4, 8, 2, 5, 6, 1, 6, 4 23 Fa Di awal 1 0 4, 3, 8, 2, 4, 6, 2, 8, 6, 4 24 Fa Di tengah 1 0 4, 1, 4, 6, 4, 4, 1, 1, 7, 6 25 Fa Di akhir 1 0 6, 4, 4, 2, 5, 4, 8, 2, 8, 5 26 Ghoin Terisolasi 1 0 1, 8, 6, 5, 4, 8, 6, 6, 4, 4 27 Ghoin Di awal 1 0 1, 8, 8, 6, 4, 4, 8, 8, 8, 8 28 Ghoin Di tengah 1 0 4, 1, 4, 5, 5, 8, 4, 8, 7, 5 29 Ghoin Di tengah 1 0 4, 1, 4, 5, 5, 8, 4, 8, 7, 5 29 Ghoin Di akhir 1 0 8, 1, 8, 5, 5, 4, 8, 1, 4, 7 30 Habesar Terisolasi 0 0 5, 6, 8, 2, 3, 7, 6, 4, 2, 1 31 Habesar Di awal 0 0 4, 4, 6, 2, 7, 4, 4, 8, 4, 6 32 Habesar Di akhir 0 0 4, 3, 4, 6, 2, 6, 2, 8,	21					
Fa Terisolasi 1 0 6, 5, 4, 8, 2, 5, 6, 1, 6, 4 Fa Di awal 1 0 4, 3, 8, 2, 4, 6, 2, 8, 6, 4 Fa Di tengah 1 0 6, 4, 4, 2, 5, 4, 8, 2, 8, 6, 4 Fa Di akhir 1 0 6, 4, 4, 2, 5, 4, 8, 2, 8, 5 Ghoin Terisolasi 1 0 1, 8, 6, 5, 4, 8, 6, 6, 4, 4 Banaca Di tengah 1 0 1, 8, 8, 6, 4, 4, 8, 8, 8, 8 Ghoin Di tengah 1 0 4, 1, 4, 5, 5, 8, 4, 8, 7, 5 Ghoin Di tengah 1 0 4, 1, 4, 5, 5, 8, 4, 8, 7, 5 Ghoin Di akhir 1 0 8, 1, 8, 5, 5, 4, 8, 1, 4, 7 Ghoin Di akhir 1 0 8, 1, 8, 5, 5, 4, 8, 1, 4, 7 Habesar Terisolasi 0 0 5, 6, 8, 2, 3, 7, 6, 4, 2, 1 Habesar Di tengah 0 0 4, 4, 6, 2, 7, 4, 4, 8, 4, 6 Habesar Di tengah 0 0 6, 6, 8, 2, 3, 7, 6, 4, 2, 2 Hamzah Terisolasi 0 0 8, 8, 7, 6, 5, 4, 4, 8, 8, 8 Ha Terisolasi 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Ha Di awal 0 0 4, 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Ha Di tengah 0 0 4, 4, 4, 7, 5, 4, 8, 1, 8, 8, 8	22	Dzo	Di akhir	1	0	6, 6, 3, 6, 8, 8, 4, 8, 1, 8
Fa Di awal 1 0 4, 3, 8, 2, 4, 6, 2, 8, 6, 4 Fa Di tengah 1 0 4, 1, 4, 6, 4, 4, 1, 1, 7, 6 Fa Di akhir 1 0 6, 4, 4, 2, 5, 4, 8, 2, 8, 5 Ghoin Terisolasi 1 0 1, 8, 6, 5, 4, 8, 6, 6, 4, 4 The second of the secon		Fa	Terisolasi	1	0	6, 5, 4, 8, 2, 5, 6, 1, 6, 4
Fa Di tengah 1 0 4, 1, 4, 6, 4, 4, 1, 1, 7, 6 Fa Di akhir 1 0 6, 4, 4, 2, 5, 4, 8, 2, 8, 5 Ghoin Terisolasi 1 0 1, 8, 6, 5, 4, 8, 6, 6, 4, 4 Terisolasi 1 0 1, 8, 6, 5, 4, 8, 6, 6, 4, 4 Terisolasi 1 0 1, 8, 8, 6, 4, 4, 8, 8, 8, 8 Ghoin Di awal 1 0 4, 1, 4, 5, 5, 8, 4, 8, 7, 5 Ghoin Di tengah 1 0 8, 1, 8, 5, 5, 4, 8, 1, 4, 7 Ghoin Di akhir 1 0 8, 1, 8, 5, 5, 4, 8, 1, 4, 7 Habesar Terisolasi 0 0 5, 6, 8, 2, 3, 7, 6, 4, 2, 1 Habesar Di awal 0 0 4, 4, 6, 2, 7, 4, 4, 8, 4, 6 Habesar Di akhir 0 0 6, 6, 8, 2, 3, 7, 6, 4, 2, 2 Hamzah Terisolasi 0 0 8, 8, 7, 6, 5, 4, 4, 8, 8, 8 Ha Terisolasi 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Ha Di awal 0 0 4, 4, 4, 5, 8, 8, 8, 8, 8, 8, 8 Ha Di tengah 0 0 4, 4, 4, 5, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8,	23	Fa	Di awal	1	0	4, 3, 8, 2, 4, 6, 2, 8, 6, 4
25 Fa Di akhir 1 0 6, 4, 4, 2, 5, 4, 8, 2, 8, 5 26 Ghoin Terisolasi 1 0 1, 8, 6, 5, 4, 8, 6, 6, 4, 4 27 Ghoin Di awal 1 0 1, 8, 8, 6, 4, 4, 8, 8, 8, 8, 8, 8, 8 28 Ghoin Di tengah 1 0 4, 1, 4, 5, 5, 8, 4, 8, 7, 5 29 Ghoin Di akhir 1 0 8, 1, 8, 5, 5, 4, 8, 1, 4, 7 30 Habesar Terisolasi 0 0 5, 6, 8, 2, 3, 7, 6, 4, 2, 1 31 Habesar Di awal 0 0 4, 4, 6, 2, 7, 4, 4, 8, 4, 6 32 Habesar Di tengah 0 0 4, 3, 4, 6, 2, 6, 2, 8, 1, 6 33 Habesar Di akhir 0 0 6, 6, 8, 2, 3, 7, 6, 4, 2, 2 34 Hamzah Terisolasi 0 0 8, 8, 7, 6, 5, 4, 4, 8, 8 35 Ha Terisolasi 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 36 Ha Di awal 0 0 4, 4, 7, 7,	24	_				
26 Ghoin Terisolasi 1 0 1, 8, 6, 5, 4, 8, 6, 6, 4, 4 27 Ghoin Di awal 1 0 1, 8, 8, 6, 4, 4, 8, 8, 8, 8 28 Ghoin Di tengah 1 0 4, 1, 4, 5, 5, 8, 4, 8, 7, 5 29 Ghoin Di akhir 1 0 8, 1, 8, 5, 5, 4, 8, 1, 4, 7 30 Habesar Terisolasi 0 0 5, 6, 8, 2, 3, 7, 6, 4, 2, 1 31 Habesar Di awal 0 0 4, 4, 6, 2, 7, 4, 4, 8, 4, 6 32 Habesar Di tengah 0 0 4, 3, 4, 6, 2, 6, 2, 8, 1, 6 33 Habesar Di akhir 0 0 6, 6, 8, 2, 3, 7, 6, 4, 2, 2 34 Hamzah Terisolasi 0 0 8, 8, 7, 6, 5, 4, 4, 8, 8, 8 35 Ha Terisolasi 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 36 Ha Di awal 0 0 4, 4, 4, 4, 5, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8,	25	Fa	Di tengah	1	0	4, 1, 4, 6, 4, 4, 1, 1, 7, 6
Ghoin Terisolasi 1 0 1, 8, 6, 5, 4, 8, 6, 6, 4, 4 Ghoin Di awal 1 0 1, 8, 8, 6, 4, 4, 8, 8, 8, 8 Ghoin Di tengah 1 0 4, 1, 4, 5, 5, 8, 4, 8, 7, 5 Ghoin Di tengah 1 0 8, 1, 8, 5, 5, 4, 8, 1, 4, 7 Ghoin Di akhir 1 0 8, 1, 8, 5, 5, 4, 8, 1, 4, 7 Habesar Terisolasi 0 0 5, 6, 8, 2, 3, 7, 6, 4, 2, 1 Habesar Di awal 0 0 4, 4, 6, 2, 7, 4, 4, 8, 4, 6 Habesar Di tengah 0 0 4, 3, 4, 6, 2, 6, 2, 8, 1, 6 Habesar Di akhir 0 0 6, 6, 8, 2, 3, 7, 6, 4, 2, 2 Hamzah Terisolasi 0 0 8, 8, 7, 6, 5, 4, 4, 8, 8, 8 Ha Terisolasi 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Ha Di awal 0 0 4, 4, 4, 4, 5, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8,	26	Fa	Di akhir	1	0	6, 4, 4, 2, 5, 4, 8, 2, 8, 5
28 Ghoin Di awal 1 0 1, 8, 8, 6, 4, 4, 8, 8, 8, 8 28 Ghoin Di tengah 1 0 4, 1, 4, 5, 5, 8, 4, 8, 7, 5 29 Ghoin Di akhir 1 0 8, 1, 8, 5, 5, 4, 8, 1, 4, 7 30 Habesar Terisolasi 0 0 5, 6, 8, 2, 3, 7, 6, 4, 2, 1 31 Habesar Di awal 0 0 4, 4, 6, 2, 7, 4, 4, 8, 4, 6 32 Habesar Di tengah 0 0 4, 3, 4, 6, 2, 6, 2, 8, 1, 6 33 Habesar Di akhir 0 0 6, 6, 8, 2, 3, 7, 6, 4, 2, 2 34 Hamzah Terisolasi 0 0 8, 8, 7, 6, 5, 4, 4, 8, 8, 8 35 Ha Terisolasi 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 36 Ha Di awal 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 37 Ha Di tengah 0 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8		Ghoin	Terisolasi	1	0	1, 8, 6, 5, 4, 8, 6, 6, 4, 4
29 Ghoin Di tengah 1 0 4, 1, 4, 5, 5, 8, 4, 8, 7, 5 30 Ghoin Di akhir 1 0 8, 1, 8, 5, 5, 4, 8, 1, 4, 7 30 Habesar Terisolasi 0 0 5, 6, 8, 2, 3, 7, 6, 4, 2, 1 31 Habesar Di awal 0 0 4, 4, 6, 2, 7, 4, 4, 8, 4, 6 32 Habesar Di tengah 0 0 4, 3, 4, 6, 2, 6, 2, 8, 1, 6 33 Habesar Di akhir 0 0 6, 6, 8, 2, 3, 7, 6, 4, 2, 2 34 Hamzah Terisolasi 0 0 8, 8, 7, 6, 5, 4, 4, 8, 8 35 Ha Terisolasi 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 36 Ha Di awal 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 37 Ha Di tengah 0 0 4, 4, 7, 5, 4, 8, 1, 8, 8	21	Ghoin	Di awal	1	0	1, 8, 8, 6, 4, 4, 8, 8, 8, 8
29 Ghoin Di akhir 1 0 8, 1, 8, 5, 5, 4, 8, 1, 4, 7 30 Habesar Terisolasi 0 0 5, 6, 8, 2, 3, 7, 6, 4, 2, 1 31 Habesar Di awal 0 0 4, 4, 6, 2, 7, 4, 4, 8, 4, 6 32 Habesar Di tengah 0 0 4, 3, 4, 6, 2, 6, 2, 8, 1, 6 33 Habesar Di akhir 0 0 6, 6, 8, 2, 3, 7, 6, 4, 2, 2 34 Hamzah Terisolasi 0 0 8, 8, 7, 6, 5, 4, 4, 8, 8, 8 35 Ha Terisolasi 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 36 Ha Di awal 0 0 4, 4, 4, 4, 5, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8,	28					
Ghoin Di akhir 1 0 8, 1, 8, 5, 5, 4, 8, 1, 4, 7 Habesar Terisolasi 0 0 5, 6, 8, 2, 3, 7, 6, 4, 2, 1 Habesar Di awal 0 0 4, 4, 6, 2, 7, 4, 4, 8, 4, 6 Habesar Di tengah 0 0 4, 3, 4, 6, 2, 6, 2, 8, 1, 6 Habesar Di akhir 0 0 6, 6, 8, 2, 3, 7, 6, 4, 2, 2 Hamzah Terisolasi 0 0 8, 8, 7, 6, 5, 4, 4, 8, 8, 8 Ha Terisolasi 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Ha Di awal 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 8, 8 Ha Di awal 0 0 4, 4, 4, 4, 5, 8, 8, 8, 8, 8, 8 Ha Di tengah 0 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8	29	Ghoin	Di tengah	1	0	4, 1, 4, 5, 5, 8, 4, 8, 7, 5
Habesar Terisolasi 0 0 5, 6, 8, 2, 3, 7, 6, 4, 2, 1 Habesar Di awal 0 0 4, 4, 6, 2, 7, 4, 4, 8, 4, 6 Habesar Di tengah 0 0 4, 3, 4, 6, 2, 6, 2, 8, 1, 6 Habesar Di akhir 0 0 6, 6, 8, 2, 3, 7, 6, 4, 2, 2 Hamzah Terisolasi 0 0 8, 8, 7, 6, 5, 4, 4, 8, 8, 8 Ha Terisolasi 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Ha Di awal 0 0 4, 4, 4, 5, 8, 8, 8, 8, 8 Ha Di tengah 0 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8	30	Ghoin	Di akhir	1	0	8, 1, 8, 5, 5, 4, 8, 1, 4, 7
Habesar Di awal 0 0 4, 4, 6, 2, 7, 4, 4, 8, 4, 6 Habesar Di tengah 0 0 4, 3, 4, 6, 2, 6, 2, 8, 1, 6 Habesar Di akhir 0 0 6, 6, 8, 2, 3, 7, 6, 4, 2, 2 Hamzah Terisolasi 0 0 8, 8, 7, 6, 5, 4, 4, 8, 8, 8 Ha Terisolasi 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Ha Di awal 0 0 4, 4, 4, 5, 8, 8, 8, 8, 8 Ha Di tengah 0 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8		Habesar	Terisolasi	0	0	5, 6, 8, 2, 3, 7, 6, 4, 2, 1
Habesar Di tengah 0 0 4, 3, 4, 6, 2, 6, 2, 8, 1, 6 Habesar Di akhir 0 0 6, 6, 8, 2, 3, 7, 6, 4, 2, 2 Hamzah Terisolasi 0 0 8, 8, 7, 6, 5, 4, 4, 8, 8, 8 Ha Terisolasi 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Ha Di awal 0 0 4, 4, 4, 5, 8, 8, 8, 8, 8 Ha Di tengah 0 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8		Habesar	Di awal	0	0	4, 4, 6, 2, 7, 4, 4, 8, 4, 6
33 Habesar Di akhir O O 6, 6, 8, 2, 3, 7, 6, 4, 2, 2 34 Hamzah Terisolasi O O 8, 8, 7, 6, 5, 4, 4, 8, 8, 8 35 Ha Di awal O O 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 36 Ha Di tengah O O 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 8	32	Hoboson	Ditangah	0	0	4246262916
34 Hamzah Terisolasi 0 0 8, 8, 7, 6, 5, 4, 4, 8, 8, 8 35 Ha Terisolasi 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 36 Ha Di awal 0 0 4, 4, 4, 4, 5, 8, 8, 8, 8, 8 37 Ha Di tengah 0 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8	33	Habesar	Ditengan	U	0	4, 3, 4, 0, 2, 0, 2, 8, 1, 0
35 Ha Terisolasi 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 36 Ha Di awal 0 0 4, 4, 4, 5, 8, 8, 8, 8, 8 37 Ha Di tengah 0 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8	34	Habesar	Di akhir	0	0	6, 6, 8, 2, 3, 7, 6, 4, 2, 2
Ha Terisolasi 0 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Ha Di awal 0 0 4, 4, 4, 5, 8, 8, 8, 8 Ha Di tengah 0 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8		Hamzah	Terisolasi	0	0	8, 8, 7, 6, 5, 4, 4, 8, 8, 8
Ha Di awal 0 0 4, 4, 4, 4, 5, 8, 8, 8, 8 8 Ha Di tengah 0 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8		На	Terisolasi	0	0	4, 4, 7, 7, 6, 6, 5, 4, 4, 4
Ha Di tengah 0 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8		На	Di awal	0	0	4, 4, 4, 4, 5, 8, 8, 8, 8, 8
	37	Цо	Di tanash	0	0	1175101000
38	38	11a	Diteligali	U		4, 4, 7, 3, 4, 0, 1, 0, 0, 8

39		На	Di akhir	0	0	4, 7, 6, 4, 5, 8, 8, 8, 2, 4
40 Jim Di awal 1 1 4, 4, 4, 4, 5, 8, 8, 8, 8, 8, 8 8 41 Jim Di tengah 1 1 4, 4, 4, 5, 8, 8, 8, 8, 8, 8 8 42 Jim Di tengah 1 1 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 4 43 Kaf Terisolasi 1 0 6, 6, 6, 6, 6, 7, 8, 8, 1, 2 4 44 Kaf Di awal 1 0 8, 7, 6, 5, 5, 6, 6, 8, 8, 8 8 45 Kaf Di tengah 1 0 8, 7, 6, 5, 5, 6, 6, 8, 8, 8 8 45 Kaf Di tengah 1 0 8, 7, 6, 5, 5, 6, 6, 8, 8, 8 8 45 Kaf Di akhir 1 0 6, 6, 6, 6, 5, 1, 8, 8, 1, 2 4 46 Kaf Di akhir 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 4 48 Kha Terisolasi 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 8 50 Kha Di akhir 1 0 4, 7, 6, 4, 5, 8, 1	39					
Jim Di awal 1 1 4, 4, 4, 4, 5, 8, 8, 8, 8, 8 Jim Di tengah 1 1 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 Jim Di akhir 1 1 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 Kaf Terisolasi 1 0 6, 6, 6, 6, 6, 7, 8, 8, 1, 2 Kaf Di awal 1 0 8, 7, 6, 5, 5, 6, 6, 8, 8, 8 Kaf Di tengah 1 0 8, 7, 6, 5, 6, 4, 8, 4, 8, 1 Kaf Di tengah 1 0 8, 7, 6, 5, 6, 4, 8, 4, 8, 1 Kaf Di akhir 1 0 6, 6, 6, 6, 5, 1, 8, 8, 1, 2 Kha Terisolasi 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Kha Di awal 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Kha Di awal 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 So Kha Di akhir 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 Lam Di awal	40	Jim	Terisolasi	1	1	4, 4, 7, 7, 6, 6, 5, 4, 4, 4
41 Jim Di tengah 1 1 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 42 Jim Di akhir 1 1 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 43 Kaf Terisolasi 1 0 6, 6, 6, 6, 6, 7, 8, 8, 1, 2 44 Kaf Di awal 1 0 8, 7, 6, 5, 5, 6, 6, 8, 8, 8 45 Kaf Di tengah 1 0 8, 7, 6, 5, 5, 6, 6, 8, 8, 8 48 Kaf Di akhir 1 0 6, 6, 6, 5, 1, 8, 8, 1, 2 47 Kha Terisolasi 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 48 Kha Di awal 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 48 Kha Di awal 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 48 Kha Di awal 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 50 Kha Di akhir 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 51 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 8, 8, 5, 8, 8	40	Iim	Di awal	1	1	4444588888
Jim Di tengah 1 1 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 Jim Di akhir 1 1 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 Kaf Terisolasi 1 0 6, 6, 6, 6, 7, 8, 8, 1, 2 Kaf Di awal 1 0 8, 7, 6, 5, 5, 6, 6, 8, 8, 8 Kaf Di tengah 1 0 8, 7, 6, 5, 6, 4, 8, 4, 8, 1 Kaf Di akhir 1 0 6, 6, 6, 5, 1, 8, 8, 1, 2 Kha Di akhir 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Kha Terisolasi 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Kha Di awal 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 Kha Di tengah 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 Kha Di tengah 1 0 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 Lam Di awal 0	41	31111	Diawai	1	1	7, 7, 7, 7, 5, 0, 0, 0, 0, 0
Jim		Jim	Di tengah	1	1	4, 4, 7, 5, 4, 8, 1, 8, 8, 8
43 Kaf Terisolasi 1 0 6, 6, 6, 6, 7, 8, 8, 1, 2 44 Kaf Di awal 1 0 8, 7, 6, 5, 5, 6, 6, 8, 8, 8 45 Kaf Di tengah 1 0 8, 7, 6, 5, 6, 4, 8, 4, 8, 1 46 Kaf Di akhir 1 0 6, 6, 6, 5, 1, 8, 8, 1, 2 47 Kha Terisolasi 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 48 Kha Di awal 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 48 Kha Di awal 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 48 Kha Di awal 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 50 Kha Di tengah 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 50 Kha Di akhir 1 0 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 51 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 52 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 8, 8, 2, 2	42					
44 Kaf Terisolasi 1 0 6, 6, 6, 6, 7, 8, 8, 1, 2 44 Kaf Di awal 1 0 8, 7, 6, 5, 5, 6, 6, 8, 8, 8 45 Kaf Di tengah 1 0 8, 7, 6, 5, 5, 6, 6, 8, 8, 8 46 Kaf Di akhir 1 0 6, 6, 6, 5, 1, 8, 8, 1, 2 47 Kha Terisolasi 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 48 Kha Di awal 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 48 Kha Di awal 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 49 Kha Di tengah 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 50 Kha Di akhir 1 0 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 51 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 52 Lamalif Di akhir 0 0 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 53 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 54 Lam Di awal 0 0 6, 6, 6, 6, 6	40	Jim	Di akhir	1	1	4, 7, 6, 4, 5, 8, 1, 8, 2, 4
44 Kaf Di awal 1 0 8, 7, 6, 5, 5, 6, 6, 8, 8, 8 45 Kaf Di tengah 1 0 8, 7, 6, 5, 6, 4, 8, 4, 8, 1 46 Kaf Di akhir 1 0 6, 6, 6, 5, 1, 8, 8, 1, 2 47 Kha Terisolasi 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 48 Kha Di awal 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 49 Kha Di tengah 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 50 Kha Di akhir 1 0 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 51 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 52 Lamalif Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 53 Lam Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 54 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 54 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 55 Lam Di akhir 0	43	Kaf	Terisolasi	1	0	6666678812
45 Kaf Di tengah 1 0 8, 7, 6, 5, 6, 4, 8, 4, 8, 1 46 Kaf Di akhir 1 0 6, 6, 6, 5, 1, 8, 8, 1, 2 47 Kha Terisolasi 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 48 Kha Di awal 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 48 Kha Di awal 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 49 Kha Di tengah 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 50 Kha Di akhir 1 0 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 51 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 52 Lamalif Di akhir 0 0 6, 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 53 Lam Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 54 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 54 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 55 Lam Di akhir 0 0 </td <td>44</td> <td>1141</td> <td>1011501451</td> <td>1</td> <td></td> <td>0, 0, 0, 0, 0, 7, 0, 0, 1, 2</td>	44	1141	1011501451	1		0, 0, 0, 0, 0, 7, 0, 0, 1, 2
Kaf Di tengah 1 0 8, 7, 6, 5, 6, 4, 8, 4, 8, 1 Kaf Di akhir 1 0 6, 6, 6, 6, 5, 1, 8, 8, 1, 2 Kha Terisolasi 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Kha Di awal 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Kha Di awal 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 Kha Di tengah 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 Kha Di akhir 1 0 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 Lam Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 Mim Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 8, 2, 2 Mim Terisolasi 0 0 6, 6, 6, 6, 6, 6, 8, 8, 3, 2, 7, 6 <tr< td=""><td></td><td>Kaf</td><td>Di awal</td><td>1</td><td>0</td><td>8, 7, 6, 5, 5, 6, 6, 8, 8, 8</td></tr<>		Kaf	Di awal	1	0	8, 7, 6, 5, 5, 6, 6, 8, 8, 8
46 Kaf Di akhir 1 0 6, 6, 6, 6, 5, 1, 8, 8, 1, 2 47 Kha Terisolasi 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 48 Kha Di awal 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 49 Kha Di tengah 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 50 Kha Di akhir 1 0 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 51 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 52 Lamalif Di akhir 0 0 6, 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 53 Lam Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 54 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 55 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 55 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 56 Mim Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 8 58 Mim Terisolasi 0	45					
Kaf Di akhir 1 0 6, 6, 6, 6, 5, 1, 8, 8, 1, 2 Kha Terisolasi 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Kha Di awal 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Kha Di awal 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 Kha Di tengah 1 0 4, 7, 5, 4, 8, 1, 8, 8, 8 Kha Di akhir 1 0 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 Lam Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 So Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Mim Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6		Kaf	Di tengah	1	0	8, 7, 6, 5, 6, 4, 8, 4, 8, 1
47 Kha Terisolasi 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 48 Kha Di awal 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Kha Di awal 1 0 4, 4, 4, 5, 5, 8, 8, 8, 8, 8, 8 Kha Di tengah 1 0 4, 7, 5, 4, 8, 1, 8, 8, 8 Kha Di akhir 1 0 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 So Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 7, 8, 1, 2 Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 Mim Di awal 0 0 4, 2, 3, 5, 8	46	Kaf	Di akhir	1	0	6666518812
Kha Terisolasi 1 0 4, 4, 7, 7, 6, 6, 5, 4, 4, 4 Kha Di awal 1 0 4, 4, 4, 5, 5, 8, 8, 8, 8, 8, 8 Kha Di tengah 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 Kha Di akhir 1 0 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 Lam Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 So Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Mim Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 7, 8, 1, 2 Mim Di awal 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6	47	ixai	Di akiiii	1		0, 0, 0, 0, 3, 1, 0, 0, 1, 2
Kha Di awal 1 0 4, 4, 4, 5, 5, 8, 8, 8, 8, 8, 8 Kha Di tengah 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 Kha Di akhir 1 0 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 Lamalif Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 Lam Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 Mim Di awal 0 0 4, 2, 3, 5, 8, 4, 2, 8, 7, 6		Kha	Terisolasi	1	0	4, 4, 7, 7, 6, 6, 5, 4, 4, 4
49 Kha Di tengah 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 50 Kha Di akhir 1 0 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 51 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 6, 1, 8, 4, 2, 5 52 Lamalif Di akhir 0 0 6, 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 53 Lam Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 54 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 55 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 56 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 7, 8, 1, 2 57 Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 58 Mim Di awal 0 0 <t< td=""><td>48</td><td></td><td></td><td></td><td></td><td></td></t<>	48					
Kha Di tengah 1 0 4, 4, 7, 5, 4, 8, 1, 8, 8, 8 Kha Di akhir 1 0 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 1, 8, 4, 2, 5 Lamalif Di akhir 0 0 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 Lam Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 Mim Di awal 0 0 4, 2, 3, 5, 8, 4, 2, 8, 7, 6		Kha	Di awal	1	0	4, 4, 4, 5, 5, 8, 8, 8, 8, 8
50 Kha Di akhir 1 0 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 51 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 1, 8, 4, 2, 5 52 Lamalif Di akhir 0 0 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 53 Lam Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 54 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 4, 8, 8 56 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 4, 8, 7, 8, 1, 2 57 Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 58 Mim Di awal 0 0 4, 2, 3, 5, 8, 4, 2, 8, 7, 6	49	Kha	Di tengah	1	0	1175181888
Kha Di akhir 1 0 4, 7, 6, 4, 5, 8, 1, 8, 2, 4 Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 1, 8, 4, 2, 5 Lamalif Di akhir 0 0 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 Lam Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 4, 8, 8 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 4, 8, 7, 8, 1, 2 Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 Mim Di awal 0 0 4, 2, 3, 5, 8, 4, 2, 8, 7, 6	50	Kiiu	Ditengun	1		4, 4, 7, 3, 4, 0, 1, 0, 0, 0
Lamalif Terisolasi 0 0 6, 6, 6, 6, 6, 1, 8, 4, 2, 5 Lamalif Di akhir 0 0 6, 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 Lam Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 4, 8, 8 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 4, 8, 7, 8, 1, 2 Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 Mim Di awal 0 0 4, 2, 3, 5, 8, 4, 2, 8, 7, 6		Kha	Di akhir	1	0	4, 7, 6, 4, 5, 8, 1, 8, 2, 4
52 Lamalif Di akhir 0 0 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 53 Lam Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 54 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 4, 8, 8 56 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 4, 8, 7, 8, 1, 2 57 Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 58 Mim Di awal 0 0 4, 2, 3, 5, 8, 4, 2, 8, 7, 6	51					
Lamalif Di akhir 0 6, 6, 6, 6, 6, 8, 8, 5, 8, 8 Lam Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 4, 8, 8 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 4, 8, 7, 8, 1, 2 Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 Mim Di awal 0 0 4, 2, 3, 5, 8, 4, 2, 8, 7, 6		Lamalif	Terisolasi	0	0	6, 6, 6, 6, 6, 1, 8, 4, 2, 5
53 Lam Terisolasi 0 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 54 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 4, 8, 8 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 4, 8, 7, 8, 1, 2 57 Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 Mim Di awal 0 0 4, 2, 3, 5, 8, 4, 2, 8, 7, 6	52	Lamalif	Di akhir	0	0	6666688588
Lam Terisolasi 0 6, 6, 6, 6, 6, 6, 6, 8, 8, 2, 2 Lam Di awal 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 55 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 4, 8, 7, 8, 1, 2 57 Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 Mim Di awal 0 0 4, 2, 3, 5, 8, 4, 2, 8, 7, 6	53	Lamam	Di akiiii	O		0, 0, 0, 0, 0, 0, 0, 0, 0
Lam Di awal 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 8, 8 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 4, 8, 8 Lam Di akhir 0 0 6, 6, 6, 6, 6, 6, 6, 6, 4, 8, 7, 8, 1, 2 57 Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 Mim Di awal 0 0 4, 2, 3, 5, 8, 4, 2, 8, 7, 6		Lam	Terisolasi	0	0	6, 6, 6, 6, 6, 6, 8, 8, 2, 2
55 Lam Di tengah 0 0 6, 6, 6, 6, 6, 6, 6, 6, 4, 8, 8 56 Lam Di akhir 0 0 6, 6, 6, 6, 4, 8, 7, 8, 1, 2 57 Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 58 Mim Di awal 0 4, 2, 3, 5, 8, 4, 2, 8, 7, 6	54					
Lam Di tengah 0 6, 6, 6, 6, 6, 6, 6, 6, 6, 4, 8, 8 Lam Di akhir 0 0 6, 6, 6, 6, 6, 4, 8, 7, 8, 1, 2 57 Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 Mim Di awal 0 0 4, 2, 3, 5, 8, 4, 2, 8, 7, 6		Lam	Di awal	0	0	6, 6, 6, 6, 6, 6, 6, 8, 8
56 Di akhir 0 0 6, 6, 6, 6, 4, 8, 7, 8, 1, 2 57 Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 58 Mim Di awal 0 0 4, 2, 3, 5, 8, 4, 2, 8, 7, 6	55	Lam	Di tengah	0	0	6666666488
Lam Di akhir 0 0 6, 6, 6, 6, 4, 8, 7, 8, 1, 2 57 Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 58 Mim Di awal 0 0 4, 2, 3, 5, 8, 4, 2, 8, 7, 6	56	Lam	Di wiigaii	U		0, 0, 0, 0, 0, 0, 7, 0, 0
Mim Terisolasi 0 0 2, 2, 2, 4, 6, 8, 3, 2, 7, 6 58 Mim Di awal 0 0 4, 2, 3, 5, 8, 4, 2, 8, 7, 6		Lam	Di akhir	0	0	6, 6, 6, 6, 4, 8, 7, 8, 1, 2
58	57					
Mim Di awal 0 4, 2, 3, 5, 8, 4, 2, 8, 7, 6		Mim	Terisolasi	0	0	2, 2, 2, 4, 6, 8, 3, 2, 7, 6
	58	Mim	Di awal	0	0	4235842876
	59	1411111	Diawai	U		7, 2, 3, 3, 6, 4, 2, 6, 7, 0

	Mim	Di tengah	0	0	4, 2, 5, 5, 7, 4, 8, 2, 7, 6
60	Mim	Di akhir	0	0	8, 1, 6, 3, 6, 2, 4, 8, 4, 6
61	141111	Di ukini	Ü	o o	0, 1, 0, 3, 0, 2, 1, 0, 1, 0
	Nun	Terisolasi	1	0	6, 6, 6, 5, 4, 4, 3, 2, 2, 2
62	Nive	Di assal	1	0	6666677000
63	Nun	Di awal	1	0	6, 6, 6, 6, 6, 7, 7, 8, 8, 8
	Nun	Di tengah	1	0	6, 6, 6, 6, 4, 4, 8, 8, 8, 8
64					
65	Nun	Di akhir	1	0	6, 6, 6, 4, 4, 4, 3, 2, 6, 4
03	Qaf	Terisolasi	2	0	6, 5, 4, 2, 2, 5, 6, 1, 6, 4
66					
	Qaf	Di awal	2	0	4, 2, 2, 3, 5, 6, 1, 7, 6, 4
67	Qaf	Di tengah	2	0	4, 2, 4, 6, 4, 4, 1, 1, 7, 6
68	Qui	Ditengun	<i>-</i>	o o	1, 2, 1, 0, 1, 1, 1, 1, 7, 0
	Qaf	Di akhir	2	0	6, 4, 3, 1, 3, 6, 8, 1, 6, 4
69	Do	Tarianlani	0	0	666667000
70	Ra	Terisolasi	0	0	6, 6, 6, 6, 6, 6, 7, 8, 8, 8
, 0	Ra	Di akhir	0	0	6, 6, 4, 4, 8, 7, 6, 8, 8, 8
71				_	
72	Sad	Terisolasi	0	0	6, 3, 6, 8, 4, 2, 7, 6, 8, 2
72	Sad	Di awal	0	0	6, 3, 4, 6, 8, 4, 3, 8, 7, 8
73					
	Sad	Di tengah	0	0	6, 2, 4, 5, 8, 4, 8, 1, 7, 8
74	Sad	Di akhir	0	0	6, 3, 6, 8, 4, 8, 8, 8, 8, 2
75	Suu	Di ukiiii	J		0, 5, 0, 0, 1, 0, 0, 0, 0, 2
	Sheen	Terisolasi	3	0	6, 8, 2, 7, 2, 6, 6, 8, 1, 2
76	Chaon	Di assal	3	0	6692691269
77	Sheen	Di awal	3	0	6, 6, 8, 2, 6, 8, 1, 2, 6, 8
	Sheen	Di tengah	3	0	6, 6, 8, 8, 2, 6, 2, 2, 6, 8
78	G1	D: 111	•		6.5.0.0.5.0.5
79	Sheen	Di akhir	3	0	6, 5, 8, 2, 7, 2, 6, 7, 8, 2
/9	Sin	Terisolasi	0	0	6, 8, 2, 7, 2, 6, 6, 8, 1, 2
80					

	Sin	Di awal	0	0	6, 6, 8, 2, 6, 6, 1, 2, 6, 8
81	Sin	Di tengah	0	0	6, 6, 8, 2, 6, 7, 2, 2, 6, 8
82	~111	210018011	Ů	Ü	0, 0, 0, 1, 0, 7, 2, 2, 0, 0
	Sin	Di akhir	0	0	6, 5, 7, 2, 6, 2, 6, 7, 8, 2
83	Tamarbuto	Terisolasi	2	0	5, 6, 8, 1, 2, 6, 5, 4, 2, 1
84					, , , , , , , , , , , , , , ,
85	Tamarbuto	Di akhir	2	0	6, 6, 8, 2, 3, 7, 6, 4, 2, 2
	Та	Terisolasi	2	0	6, 6, 6, 5, 4, 4, 4, 4, 3, 2
86	Та	Di awal	2	0	6, 6, 6, 6, 6, 6, 6, 8, 8, 8
87					2, 2, 2, 2, 2, 2, 2, 2
88	Та	Di tengah	2	0	6, 6, 6, 6, 4, 4, 8, 8, 8, 8
	Та	Di akhir	2	0	6, 6, 4, 4, 4, 3, 2, 6, 5, 4
89	Tho	Terisolasi	0	0	6, 6, 3, 5, 8, 8, 4, 4, 8, 8
90					, , , , , , , , ,
91	Tho	Di awal	0	0	6, 6, 3, 5, 8, 8, 4, 4, 8, 8
31	Tho	Di tengah	0	0	6, 6, 3, 6, 8, 2, 4, 8, 1, 7
92	TO S	D: 11:			
93	Tho	Di akhir	0	0	6, 6, 3, 6, 8, 8, 4, 8, 1, 8
	Tsa	Terisolasi	3	0	6, 6, 6, 5, 4, 4, 4, 4, 3, 2
94	Tsa	Di awal	3	0	666666688
95	18a	Diawai	3		6, 6, 6, 6, 6, 6, 6, 8, 8
	Tsa	Di tengah	3	0	6, 6, 6, 6, 4, 4, 8, 8, 8, 8
96	Tsa	Di akhir	3	0	6, 6, 4, 4, 4, 3, 2, 6, 5, 4
97	154	DI akilli	3		0, 0, 4, 4, 3, 2, 0, 3, 4
98	Waw	Terisolasi	0	0	4, 4, 2, 1, 7, 4, 8, 2, 5, 6
	Waw	Di akhir	0	0	8, 1, 6, 4, 8, 4, 3, 2, 5, 6
99	Ya	Terisolasi	2	2	1, 8, 7, 5, 5, 7, 8, 8, 1, 2
100					
101	Ya	Di awal	2	2	6, 6, 6, 6, 6, 7, 7, 8, 8, 8

	Ya	Di tengah	2	2	6, 6, 6, 6, 4, 4, 8, 8, 8, 8
102					
	Ya	Di akhir	2	2	6, 6, 4, 4, 4, 4, 4, 2, 4, 4
103					
	Za	Terisolasi	1	0	6, 6, 6, 6, 6, 6, 7, 8, 8, 8
104					
	Za	Di akhir	1	0	6, 6, 4, 4, 8, 7, 6, 8, 8, 8
105					

A.2 Hasil Ekstraksi Fitur dengan Font Tahoma

	Huruf		Fitur			
No		Posisi	Jumlah Titik	Posisi Titik	Chain code Ter- Normalisasi	
1	Ain	Terisolasi	0	0	8, 7, 6, 4, 8, 7, 6, 4, 4, 2	
2	Ain	Di awal	0	0	8, 8, 7, 5, 4, 4, 8, 8, 8, 8	
3	Ain	Di tengah	0	0	4, 1, 4, 6, 5, 4, 1, 2, 8, 5	
4	Ain	Di akhir	0	0	8, 1, 8, 6, 5, 4, 8, 3, 4, 7	
5	Alif	Terisolasi	0	0	6, 6, 6, 6, 6, 6, 6, 6, 6	
6	Alif	Di akhir	0	0	6, 6, 6, 6, 6, 6, 6, 5, 4	
7	Ba	Terisolasi	1	2	6, 6, 7, 8, 8, 8, 8, 1, 2, 2	
8	Ba	Di awal	1	2	6, 6, 6, 6, 6, 6, 8, 8, 8	
9	Ba	Di tengah	1	2	6, 6, 6, 6, 4, 4, 8, 8, 8, 8	
10	Ba	Di akhir	1	2	6, 6, 4, 4, 4, 4, 4, 2, 6, 4	
11	Dal	Terisolasi	0	0	5, 5, 5, 5, 6, 6, 8, 8, 8, 8	
12	Dal	Di akhir	0	0	6, 6, 6, 5, 4, 1, 7, 8, 8, 8	

	Dhad	Terisolasi	1	0	6, 5, 2, 4, 3, 8, 8, 4, 8, 6
13		5			
	Dhad	Di awal	1	0	6, 3, 4, 7, 8, 4, 4, 1, 7, 8
14	Dhad	Di tengah	1	0	6, 3, 5, 4, 8, 4, 4, 2, 7, 8
15	Dilau	Ditengan	1		0, 3, 3, 4, 6, 4, 4, 2, 7, 6
	Dhad	Di akhir	1	0	6, 4, 2, 3, 6, 8, 4, 4, 1, 6
16					
	Dzal	Terisolasi	1	0	5, 5, 5, 5, 6, 6, 8, 8, 8, 8
17					
	Dzal	Di akhir	1	0	6, 6, 6, 5, 4, 1, 7, 8, 8, 8
18	D	m · 1 ·	1	0	6 6 2 6 0 0 6 4 1 0
40	Dzo	Terisolasi	1	0	6, 6, 3, 6, 8, 8, 6, 4, 1, 8
19	Dzo	Di awal	1	0	6, 6, 4, 5, 8, 2, 6, 4, 1, 8
20	DZO	Diawai	1		0, 0, 4, 3, 6, 2, 0, 4, 1, 6
	Dzo	Di tengah	1	0	6, 6, 3, 6, 8, 2, 6, 4, 2, 8
21					
	Dzo	Di akhir	1	0	6, 6, 3, 6, 8, 8, 4, 4, 1, 8
22					
	Fa	Terisolasi	1	0	6, 5, 4, 4, 1, 6, 4, 8, 4, 6
23	Г	D: 1	1	0	1 1 2 1 6 1 9 2 1 6
24	Fa	Di awal	1	0	4, 4, 2, 1, 6, 4, 8, 2, 4, 6
24	Fa	Di tengah	1	0	4, 1, 4, 6, 4, 4, 1, 2, 7, 5
25	1 "	Di tengun	1		1, 1, 1, 0, 1, 1, 2, 7, 0
	Fa	Di akhir	1	0	6, 4, 4, 2, 6, 4, 4, 3, 8, 5
26					
	Ghoin	Terisolasi	1	0	8, 7, 6, 4, 8, 7, 6, 4, 4, 2
27				_	
_ =	Ghoin	Di awal	1	0	8, 8, 7, 5, 4, 4, 8, 8, 8, 8
28	Ghoin	Di tengah	1	0	4, 1, 4, 6, 5, 4, 1, 2, 8, 5
29	Onom	Diteligan	1		4, 1, 4, 0, 3, 4, 1, 2, 0, 3
	Ghoin	Di akhir	1	0	8, 1, 8, 6, 5, 4, 8, 3, 4, 7
30					, , , , , , -, -, , .
	Habesar	Terisolasi	0	0	4, 5, 6, 1, 2, 7, 6, 4, 2, 1
31					
	Habesar	Di awal	0	0	4, 5, 8, 1, 6, 4, 4, 2, 4, 6
32	TT 1	Division		0	10555555
	Habesar	Di tengah	0	0	4, 2, 5, 7, 2, 7, 7, 3, 8, 6
33					

2.4	Habesar	Di akhir	0	0	8, 2, 2, 8, 5, 4, 1, 4, 6, 6
34	Hamzah	Terisolasi	0	0	8, 8, 7, 6, 5, 4, 4, 8, 8, 8
35					
36	На	Terisolasi	0	0	4, 4, 8, 6, 4, 4, 8, 1, 3, 8
30	На	Di awal	0	0	4, 4, 5, 2, 8, 8, 4, 4, 3, 8
37	На	Di tengah	0	0	4, 4, 2, 4, 8, 8, 4, 8, 3, 8
38	114	Di tengun	O .	Ü	1, 1, 2, 1, 0, 0, 1, 0, 3, 0
20	На	Di akhir	0	0	4, 4, 5, 7, 4, 7, 8, 3, 2, 8
39	Jim	Terisolasi	1	1	4, 4, 8, 6, 4, 4, 8, 1, 3, 8
40	**	D: 1		1	4 4 4 7 0 0 4 4 2 0
41	Jim	Di awal	1	1	4, 4, 4, 7, 8, 8, 4, 4, 3, 8
	Jim	Di tengah	1	1	4, 4, 2, 4, 8, 8, 4, 8, 1, 8
42	Jim	Di akhir	1	1	4, 4, 5, 7, 4, 7, 8, 3, 2, 8
43	V 1111	Di umini		1	1, 1, 0, 7, 1, 7, 0, 0, 2, 0
4.4	Kaf	Terisolasi	1	0	6, 6, 6, 6, 6, 8, 8, 8, 8, 2
44	Kaf	Di awal	1	0	7, 6, 5, 5, 6, 6, 8, 8, 8, 8
45	TZ C	D' 1	1	0	7.655640000
46	Kaf	Di tengah	1	0	7, 6, 5, 5, 6, 4, 8, 8, 8, 8
	Kaf	Di akhir	1	0	6, 6, 6, 6, 6, 8, 8, 8, 8, 2
47	Kha	Terisolasi	1	0	4, 4, 8, 6, 4, 4, 8, 1, 3, 8
48	TXIII	Terrsorasi	•	Ü	1, 1, 0, 0, 1, 1, 0, 1, 3, 0
40	Kha	Di awal	1	0	4, 4, 4, 7, 8, 8, 4, 4, 3, 8
49	Kha	Di tengah	1	0	4, 4, 2, 4, 8, 8, 4, 8, 1, 8
50		5			
51	Kha	Di akhir	1	0	4, 4, 6, 7, 4, 7, 8, 3, 2, 8
	Lamalif	Terisolasi	0	0	6, 6, 6, 6, 6, 8, 2, 6, 7, 8
52	Lamalif	Di akhir	0	0	6, 6, 6, 6, 4, 1, 2, 2, 6, 8
53	24114111	DI UMIII	<u> </u>	Ü	0, 0, 0, 0, 1, 1, 2, 2, 0, 0
F 4	Lam	Terisolasi	0	0	6, 6, 6, 6, 6, 8, 8, 2, 2
54					

	Lam	Di awal	0	0	6, 6, 6, 6, 6, 6, 6, 6, 8
55	Lam	Di tengah	0	0	6, 6, 6, 6, 6, 6, 5, 1, 8
56	Laiii	Ditengan	U	U	0, 0, 0, 0, 0, 0, 0, 3, 1, 8
	Lam	Di akhir	0	0	6, 6, 6, 6, 6, 8, 7, 8, 2, 2
57					
	Mim	Terisolasi	0	0	4, 3, 3, 5, 8, 1, 4, 2, 7, 6
58	Mim	Di awal	0	0	4, 2, 4, 6, 8, 5, 4, 2, 7, 6
59	141111	Diawai	O	O	1, 2, 1, 0, 0, 3, 1, 2, 7, 0
	Mim	Di tengah	0	0	4, 2, 5, 5, 8, 5, 2, 2, 7, 6
60	3.6	D: 11:	0	-	
61	Mim	Di akhir	0	0	8, 1, 6, 4, 7, 3, 7, 1, 4, 6
61	Nun	Terisolasi	1	0	6, 6, 6, 5, 4, 4, 4, 2, 2, 2
62					
	Nun	Di awal	1	0	6, 6, 6, 6, 6, 6, 6, 8, 8
63	NT	D' 4 1	1	0	
64	Nun	Di tengah	1	0	6, 6, 6, 6, 6, 4, 4, 8, 8, 8
04	Nun	Di akhir	1	0	6, 6, 5, 4, 4, 4, 2, 2, 5, 4
65					
	Qaf	Terisolasi	2	0	6, 4, 4, 2, 2, 6, 4, 1, 4, 6
66	Qaf	Di awal	2	0	4, 4, 2, 1, 6, 4, 8, 2, 4, 6
67	Qai	Diawai	2	U	4, 4, 2, 1, 0, 4, 6, 2, 4, 0
- 0,	Qaf	Di tengah	2	0	4, 2, 4, 6, 4, 4, 3, 2, 7, 5
68					
	Qaf	Di akhir	2	0	6, 4, 4, 2, 8, 5, 4, 8, 3, 6
69	Ra	Terisolasi	0	0	5, 6, 6, 6, 6, 6, 7, 8, 8, 8
70	Ku	Terisolusi	O	O	3, 0, 0, 0, 0, 0, 7, 0, 0, 0
	Ra	Di akhir	0	0	5, 6, 6, 4, 8, 8, 6, 7, 8, 8
71	0.1	m · · ·			
72	Sad	Terisolasi	0	0	6, 5, 2, 4, 3, 8, 8, 4, 8, 6
12	Sad	Di awal	0	0	6, 3, 4, 7, 8, 4, 4, 1, 7, 8
73					
	Sad	Di tengah	0	0	6, 3, 6, 4, 8, 4, 4, 2, 7, 8
74	Cod	Di olahin	0	0	6122601116
75	Sad	Di akhir	0	0	6, 4, 2, 3, 6, 8, 4, 4, 1, 6
, ,					

77	8, 2, 6, 8, 2, 7, 3, 6
77 Sheen Di tengah 3 0 6, 6, 4	8, 2, 6, 8, 2, 7, 3, 6
78	4, 7, 1, 2, 8, 1, 6, 8
Sheen Di akhir 3 0 6, 5, 7	7, 2, 6, 2, 6, 8, 1, 2
79	
Sin Terisolasi 0 0 2,2,8	8 ,6 ,2 ,8 ,6 ,2 ,7 ,6
	8, 2, 6, 8, 1, 2, 3, 6
81	
Sin Di tengah 0 6, 6, 4	4, 7, 1, 2, 8, 1, 6, 8
Sin Di akhir 0 0 6, 5, 7	7, 2, 6, 2, 6, 8, 1, 2
83 Tamarbuto Terisolasi 2 0 5, 6, 8	8, 1, 3, 7, 6, 4, 2, 1
84	, , , , , , ,
Tamarbuto Di akhir 2 0 1, 2, 8	8, 7, 5, 8, 1, 4, 6, 6
	6, 6, 4, 4, 8, 8, 8, 8
86	
Ta Di awal 2 0 6, 6, 6	6, 6, 6, 6, 6, 8, 8, 8
	6, 6, 4, 4, 8, 8, 8, 8
88	5 4 4 4 4 2 6 4
Ta Di akhir 2 0 6, 6, 5	5, 4, 4, 4, 4, 2, 6, 4
	3, 6, 8, 8, 6, 4, 1, 8
90 Tho Di awal 0 0 6, 6, 4	4, 5, 8, 2, 6, 4, 1, 8
Tho Di awal 0 6, 6, 4	+, J, 0, 2, 0, 4, 1, 8
	3, 6, 8, 2, 4, 4, 2, 8
92	3, 6, 8, 8, 6, 4, 1, 8
93	
Tsa Terisolasi 3 0 6, 6, 7	7, 8, 8, 8, 8, 1, 2, 2
	6, 6, 6, 6, 8, 8, 8, 8
95	
Tsa Di tengah 3 0 6, 6, 6	6, 6, 4, 4, 8, 8, 8, 8

	Tsa	Di akhir	3	0	6, 6, 5, 4, 4, 4, 4, 2, 6, 4
97					
	Waw	Terisolasi	0	0	4, 3, 2, 8, 6, 4, 8, 2, 4, 6
98					
	Waw	Di akhir	0	0	8, 2, 7, 5, 7, 4, 8, 2, 5, 6
99					
	Ya	Terisolasi	2	2	8, 7, 5, 6, 8, 8, 8, 8, 2, 2
100					
	Ya	Di awal	2	2	6, 6, 6, 6, 6, 6, 8, 8, 8
101					
	Ya	Di tengah	2	2	6, 6, 6, 4, 4, 8, 1, 7, 8, 8
102					
	Ya	Di akhir	2	2	6, 5, 4, 4, 4, 2, 2, 4, 5, 4
103					
	Za	Terisolasi	1	0	5, 6, 6, 6, 6, 6, 7, 8, 8, 8
104					
	Za	Di akhir	1	0	5, 6, 6, 4, 8, 8, 6, 7, 8, 8
105					

A.3 Hasil Ekstraksi Fitur dengan Font Times New Roman

	Huruf		Fitur		
No		Posisi	Jumlah	Posisi	Chain code Ter-
			Titik	Titik	Normalisasi
	Ain	Terisolasi	0	0	8, 5, 3, 6, 4, 4, 8, 1, 3, 8
1					
	Ain	Di awal	0	0	8, 8, 6, 6, 4, 4, 7, 8, 8, 8
2					
	Ain	Di tengah	0	0	8, 8, 4, 4, 6, 5, 8, 1, 7, 8
3					
	Ain	Di akhir	0	0	4, 5, 4, 6, 4, 8, 1, 3, 8, 8
4					
	Alif	Terisolasi	0	0	6, 6, 6, 6, 6, 6, 6, 6, 6
5					
	Alif	Di akhir	0	0	6, 6, 6, 6, 6, 6, 6, 4, 4
6					
	Ba	Terisolasi	1	2	6, 6, 5, 4, 4, 4, 4, 4, 2, 2
7					

	D-	D:1	1		
8	Ba	Di awal	1	2	6, 6, 6, 6, 6, 8, 8, 8, 8
	Ba	Di tengah	1	2	6, 6, 6, 6, 6, 8, 8, 8, 8
9	Ba	Di akhir	1	2	6, 5, 4, 4, 4, 4, 2, 2, 6, 4
10	Da	Diakiiii	1	2	0, 3, 4, 4, 4, 4, 2, 2, 0, 4
10	Dal	Terisolasi	0	0	5, 5, 6, 6, 8, 8, 8, 8, 1, 2
11					
	Dal	Di akhir	0	0	5, 5, 6, 6, 4, 8, 8, 8, 8, 2
12					
	Dhad	Terisolasi	1	0	6, 4, 6, 8, 4, 2, 7, 7, 1, 2
13	Dhad	Di avual	1	0	6 4 2 9 9 4 4 9 9 9
14	Dhad	Di awal	1	0	6, 4, 3, 8, 8, 4, 4, 8, 8, 8
14	Dhad	Di tengah	1	0	6, 4, 4, 4, 8, 4, 4, 1, 8, 8
15	2100	21001180111	-	Ü	
	Dhad	Di akhir	1	0	6, 4, 6, 8, 4, 8, 7, 6, 1, 2
16					
	Dzal	Terisolasi	1	0	5, 5, 6, 6, 8, 8, 8, 8, 1, 2
17					
	Dzal	Di akhir	1	0	5, 5, 6, 6, 8, 8, 8, 8, 1, 2
18	Dzo	Terisolasi	1	0	6, 6, 4, 8, 8, 8, 7, 4, 2, 8
19	DZO	Terrsorasi	1	U	0, 0, 4, 8, 8, 8, 7, 4, 2, 8
15	Dzo	Di awal	1	0	6, 6, 4, 6, 8, 8, 4, 4, 1, 8
20					
	Dzo	Di tengah	1	0	6, 6, 4, 4, 8, 8, 4, 4, 1, 8
21					
	Dzo	Di akhir	1	0	6, 6, 4, 8, 8, 8, 7, 4, 2, 8
22	T-	Translated	1	0	6544414275
22	Fa	Terisolasi	1	0	6, 5, 4, 4, 4, 1, 4, 2, 7, 5
23	Fa	Di awal	1	0	4, 4, 2, 2, 8, 5, 4, 1, 4, 6
24	- "	21 41141	1		., ., _, _, 0, 0, 1, 1, 1, 0
	Fa	Di tengah	1	0	4, 4, 2, 1, 6, 4, 1, 4, 6, 4
25					
	Fa	Di akhir	1	0	6, 5, 4, 4, 4, 2, 6, 2, 6, 4
26	CI.	m		^	0.5064404
	Ghoin	Terisolasi	1	0	8, 5, 3, 6, 4, 4, 8, 1, 3, 8
27	Ghoin	Di awal	1	0	8, 8, 6, 6, 4, 4, 7, 8, 8, 8
28	OHOH	awai	1	U	0, 0, 0, 0, 4, 4, 7, 0, 0, 0
	<u> </u>				

20	Ghoin	Di tengah	1	0	8, 8, 4, 6, 5, 4, 8, 8, 1, 8
29	Ghoin	Di akhir	1	0	4, 5, 4, 6, 4, 8, 1, 3, 8, 8
30					, - , , - , , - , - , - , - , -
	Habesar	Terisolasi	0	0	6, 5, 7, 8, 2, 7, 5, 4, 2, 8
31	Habesar	Di awal	0	0	6, 5, 8, 3, 3, 4, 6, 5, 2, 1
32	Tidoesai	Drawar	O		0, 5, 0, 5, 5, 1, 0, 5, 2, 1
	Habesar	Di tengah	0	0	8, 2, 7, 6, 3, 5, 8, 2, 3, 5
33	Habesar	Di akhir	0	0	6, 5, 6, 4, 8, 7, 4, 8, 2, 1
34	Tidoesai	Di dami	Ü		0, 5, 0, 1, 0, 7, 1, 0, 2, 1
	Hamzah	Terisolasi	0	0	8, 8, 7, 5, 4, 4, 6, 2, 8, 8
35	На	Terisolasi	0	0	8, 8, 7, 6, 4, 8, 8, 2, 3, 4
36	11a	TCHSOlasi	U		0, 0, 7, 0, 4, 0, 0, 2, 3, 4
	На	Di awal	0	0	4, 4, 5, 4, 8, 8, 8, 8, 8, 8
37	На	Di tangah	0	0	4, 5, 4, 4, 8, 8, 8, 8, 8, 8
38	па	Di tengah	U	0	4, 3, 4, 4, 0, 0, 0, 0, 0, 0
	На	Di akhir	0	0	8, 8, 6, 4, 4, 8, 2, 4, 6, 4
39	τ.	m : 1 :	1	1	0.076400224
40	Jim	Terisolasi	1	1	8, 8, 7, 6, 4, 8, 8, 2, 3, 4
40	Jim	Di awal	1	1	4, 4, 5, 4, 8, 8, 8, 8, 8, 8
41	**			4	
42	Jim	Di tengah	1	1	4, 4, 6, 4, 8, 8, 8, 8, 8, 8
42	Jim	Di akhir	1	1	8, 8, 6, 4, 4, 8, 2, 4, 6, 4
43					
44	Kaf	Terisolasi	1	0	6, 6, 6, 6, 8, 8, 8, 8, 2, 2
44	Kaf	Di awal	1	0	8, 7, 6, 5, 5, 5, 8, 8, 8, 8
45					
4.0	Kaf	Di tengah	1	0	8, 7, 6, 4, 5, 6, 8, 8, 8, 8
46	Kaf	Di akhir	1	0	6, 6, 6, 6, 8, 8, 8, 8, 2, 2
47					
	Kha	Terisolasi	1	0	8, 8, 7, 6, 4, 8, 8, 2, 3, 4
48	Kha	Di awal	1	0	4, 4, 5, 4, 8, 8, 8, 8, 8, 8
49		3 w2			, 1, 2, 1, 2, 3, 3, 3, 3, 3, 3

	Kha	Di tengah	1	0	4, 4, 6, 4, 8, 8, 8, 8, 8, 8
50		_			
F.4	Kha	Di akhir	1	0	8, 8, 6, 4, 4, 8, 2, 4, 6, 4
51	Lamalif	Terisolasi	0	0	6, 6, 7, 1, 6, 2, 7, 2, 5, 5
52			•		3, 3, 1, 2, 3, 2, 1, 2, 2, 2
	Lamalif	Di akhir	0	0	6, 6, 6, 6, 5, 2, 7, 7, 8, 8
53	Lam	Terisolasi	0	0	6, 6, 6, 6, 6, 8, 8, 1, 2, 2
54	Lam	Terrsolusi	Ü		0, 0, 0, 0, 0, 0, 1, 2, 2
	Lam	Di awal	0	0	6, 6, 6, 6, 6, 6, 6, 8, 8
55	Torre	Di tanash	0	0	6666666499
56	Lam	Di tengah	0	0	6, 6, 6, 6, 6, 6, 6, 4, 8, 8
30	Lam	Di akhir	0	0	6, 6, 6, 6, 4, 7, 8, 1, 2, 2
57	2.51				
58	Mim	Terisolasi	0	0	4, 5, 6, 8, 8, 7, 6, 6, 6, 6
38	Mim	Di awal	0	0	4, 3, 3, 5, 6, 8, 2, 1, 7, 6
59					
60	Mim	Di tengah	0	0	4, 2, 3, 6, 4, 8, 8, 2, 7, 6
60	Mim	Di akhir	0	0	4, 5, 4, 4, 8, 8, 8, 6, 6, 6
61					, - , , , - , - , - , - , - , -
	Nun	Terisolasi	1	0	6, 6, 6, 7, 8, 8, 8, 1, 2, 2
62	Nun	Di awal	1	0	6, 6, 6, 6, 6, 8, 8, 8, 8, 8
63	TVall	Diawai	1		0, 0, 0, 0, 0, 0, 0, 0, 0
	Nun	Di tengah	1	0	6, 6, 6, 6, 6, 4, 8, 8, 8, 8
64	Nun	Di akhir	1	0	6616799122
65	Nun	DI akilii	1		6, 6, 4, 6, 7, 8, 8, 1, 2, 2
	Qaf	Terisolasi	2	0	6, 6, 4, 4, 2, 2, 8, 8, 4, 6
66	0.5	D: 1	2		4 4 2 2 2 2 5 4 1 4 5
67	Qaf	Di awal	2	0	4, 4, 2, 2, 8, 5, 4, 1, 4, 6
07	Qaf	Di tengah	2	0	4, 4, 2, 1, 6, 4, 1, 4, 6, 4
68					
60	Qaf	Di akhir	2	0	6, 6, 4, 4, 2, 2, 5, 8, 5, 4
69	Ra	Terisolasi	0	0	6, 6, 6, 6, 7, 7, 7, 8, 8, 8
70					

	Ra	Di akhir	0	0	6, 6, 6, 4, 7, 7, 7, 8, 8, 8
71					
	Sad	Terisolasi	0	0	6, 4, 6, 8, 4, 2, 7, 7, 1, 2
72	0.1	D' 1	0	0	6 4 2 0 0 4 4 0 0 0
72	Sad	Di awal	0	0	6, 4, 3, 8, 8, 4, 4, 8, 8, 8
73	Sad	Di tengah	0	0	6, 4, 4, 4, 8, 4, 4, 1, 8, 8
74	Suu	Di tengun	Ü		0, 1, 1, 1, 0, 1, 1, 1, 0, 0
	Sad	Di akhir	0	0	6, 4, 6, 8, 4, 8, 7, 6, 8, 2
75					
	Sheen	Terisolasi	3	0	6, 5, 2, 2, 6, 6, 6, 8, 2, 2
76	Chass	Di awal	2	0	6693699369
77	Sheen	Di awai	3	0	6, 6, 8, 2, 6, 8, 8, 2, 6, 8
//	Sheen	Di tengah	3	0	6, 6, 8, 2, 6, 7, 8, 2, 6, 8
78		8			, , , , , , , , , , , , ,
	Sheen	Di akhir	3	0	6, 4, 2, 2, 6, 6, 7, 8, 1, 2
79					
	Sin	Terisolasi	0	0	2 ,2 ,8 ,6 ,6 ,6 ,2 ,2 ,5 ,6
80	Sin	Di awal	0	0	6, 6, 8, 2, 6, 8, 8, 2, 6, 8
81	SIII	Diawai	U		0, 0, 8, 2, 0, 8, 8, 2, 0, 8
- 01	Sin	Di tengah	0	0	6, 6, 8, 2, 6, 7, 8, 2, 6, 8
82					
	Sin	Di akhir	0	0	6, 4, 2, 2, 6, 6, 7, 8, 1, 2
83	m 1	m : 1 :			
	Tamarbuto	Terisolasi	2	0	6, 5, 6, 8, 8, 6, 4, 3, 2, 8
84	Tamarbuto	Di akhir	2	0	6, 5, 6, 4, 8, 3, 4, 8, 2, 1
85	Tamarouto	Di akim	2		0, 3, 0, 4, 0, 3, 4, 0, 2, 1
	Ta	Terisolasi	2	0	6, 6, 5, 4, 4, 4, 4, 4, 2, 2
86					
	Ta	Di awal	2	0	6, 6, 6, 6, 6, 8, 8, 8, 8, 8
87	T	D' (1	2		6666400000
00	Ta	Di tengah	2	0	6, 6, 6, 6, 4, 8, 8, 8, 8, 8
88	Та	Di akhir	2	0	6, 5, 4, 4, 4, 4, 2, 2, 6, 4
89		2. milli	-		ο, ο, ι, ι, ι, ι, <i>μ</i> , <i>μ</i> , ο, τ
	Tho	Terisolasi	0	0	6, 6, 4, 8, 8, 8, 7, 4, 2, 8
90					
	Tho	Di awal	0	0	6, 6, 4, 6, 8, 8, 4, 4, 1, 8
91					

	Tho	Di tengah	0	0	6, 6, 4, 6, 8, 8, 4, 4, 1, 8
	1110	Diteligali	U	U	0, 0, 4, 0, 8, 8, 4, 4, 1, 8
92					
	Tho	Di akhir	0	0	6, 6, 4, 8, 8, 8, 7, 4, 2, 8
93					
	Tsa	Terisolasi	3	0	6, 6, 5, 4, 4, 4, 4, 4, 2, 2
94					
34	Tsa	Di awal	3	0	6, 6, 6, 6, 6, 6, 8, 8, 8, 8
0.5	154	Diawai	3	U	0, 0, 0, 0, 0, 0, 0, 0, 0, 0
95	-	5	2	0	
	Tsa	Di tengah	3	0	6, 6, 6, 6, 6, 8, 8, 8, 8, 8
96					
	Tsa	Di akhir	3	0	6, 5, 4, 4, 4, 4, 2, 2, 6, 4
97					
	Waw	Terisolasi	0	0	4, 4, 3, 2, 1, 6, 4, 1, 4, 6
00	*****	Terrsorasi	Ü	O	1, 1, 3, 2, 1, 0, 1, 1, 1, 0
98	***	D: 11:		0	0.1.5.6.0.4.2.0.2.6
	Waw	Di akhir	0	0	8, 1, 5, 6, 8, 4, 3, 8, 3, 6
99					
	Ya	Terisolasi	2	2	1, 7, 6, 4, 7, 8, 8, 1, 2, 2
100					
	Ya	Di awal	2	2	6, 6, 6, 6, 6, 8, 8, 8, 8, 8
101	14	Di awai	_	_	
101	3 7 -	D: 41		2	
	Ya	Di tengah	2	2	6, 6, 6, 6, 6, 8, 8, 8, 8, 8
102					
	Ya	Di akhir	2	2	6, 5, 4, 4, 4, 2, 8, 4, 4, 4
103					
	Za	Terisolasi	1	0	6, 6, 6, 6, 7, 7, 7, 8, 8, 8
104				-	, , -, -, -, -, -, -, -, -,
104	70	Di akhir	1	0	6665777900
	Za	DI aknir	1	U	6, 6, 6, 5, 7, 7, 7, 8, 8, 8
105					