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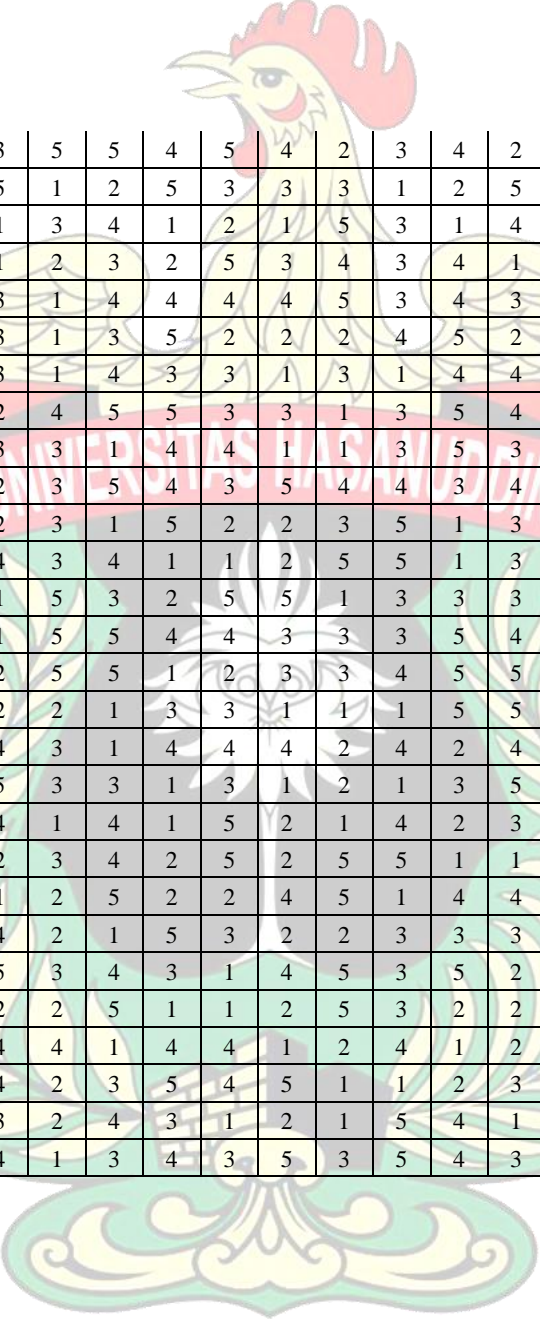
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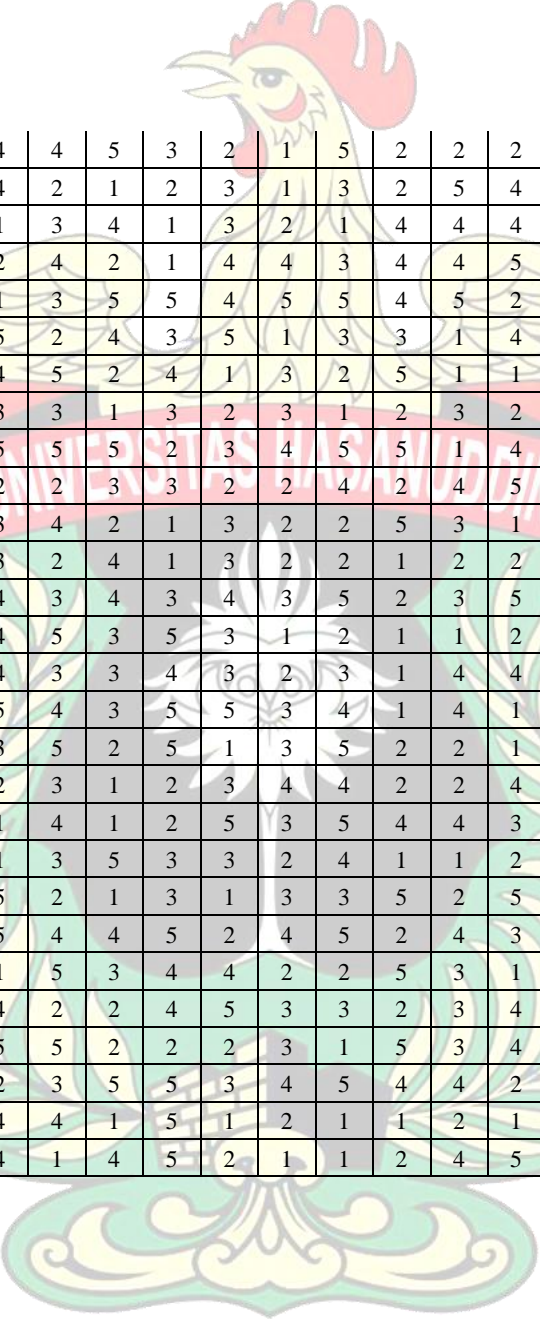
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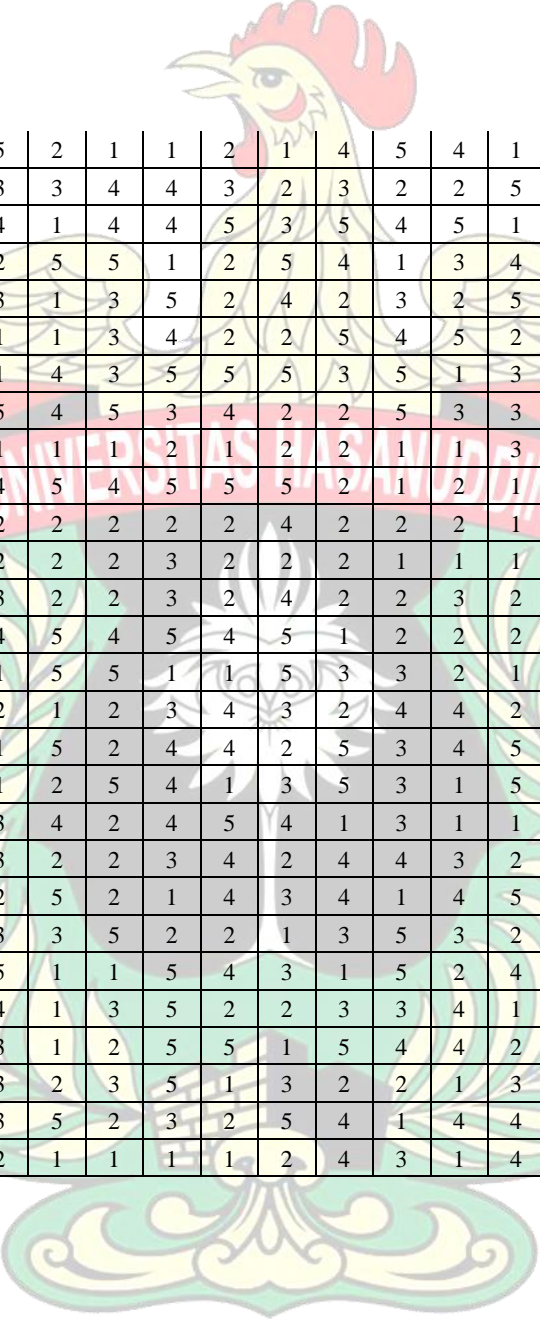
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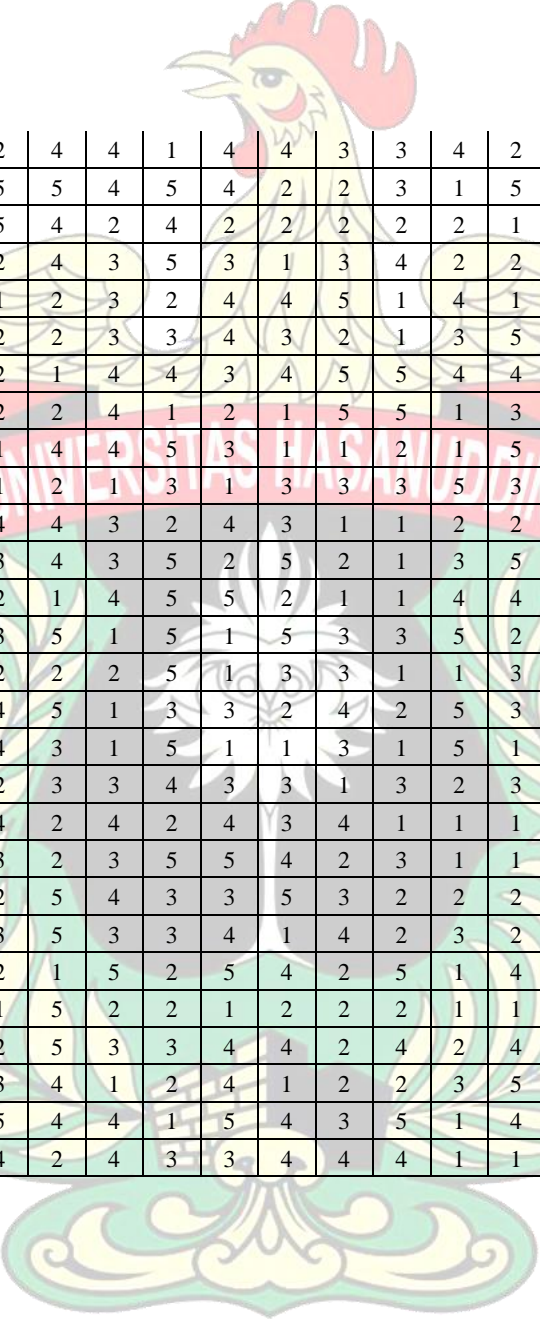
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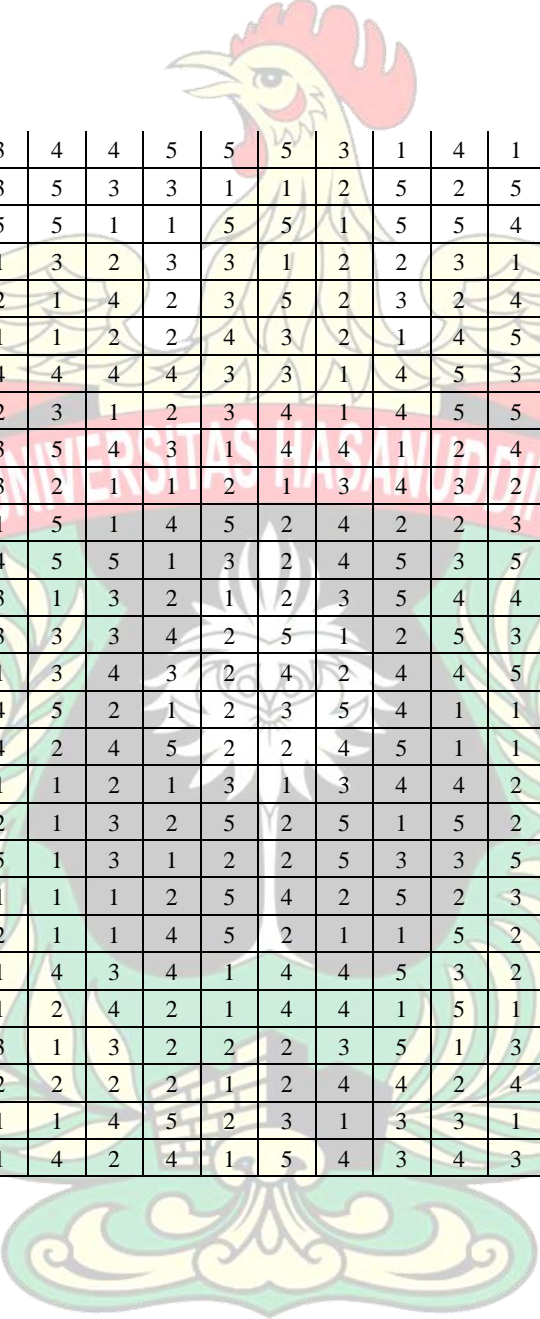
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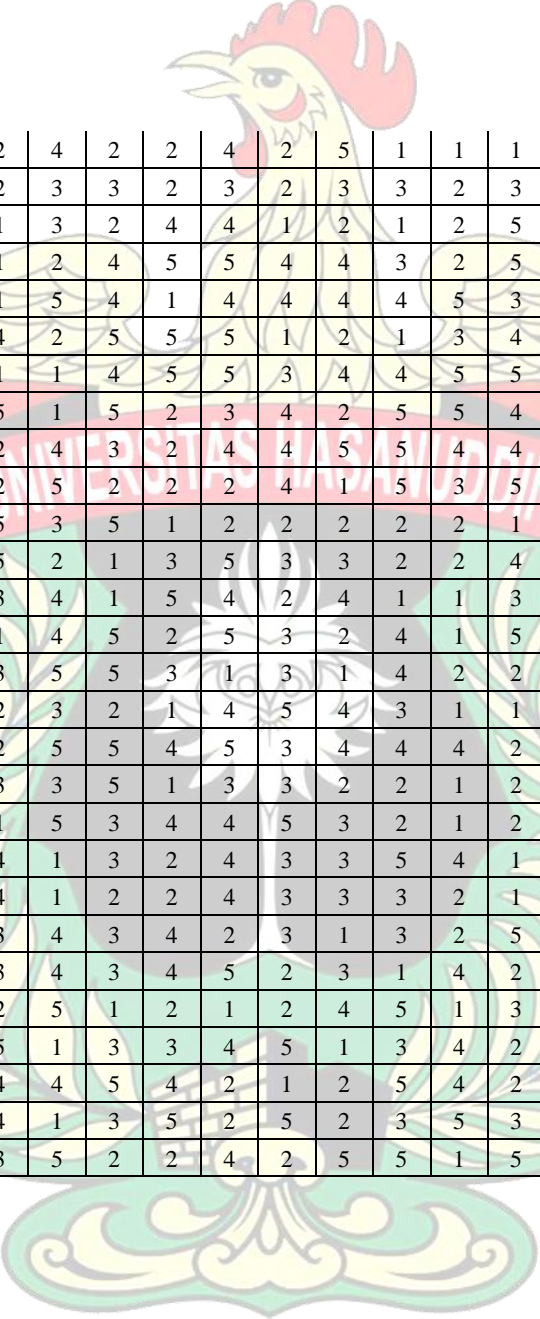
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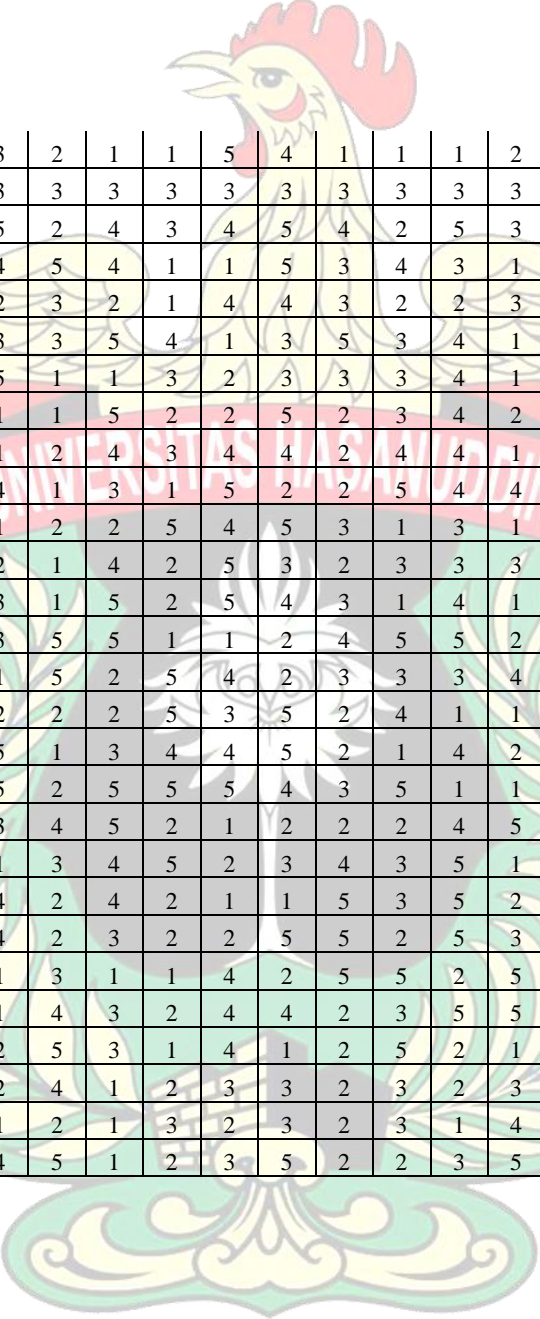


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Lampiran 2. Output Running Matlab

1. Generation 200 Iterasi 1

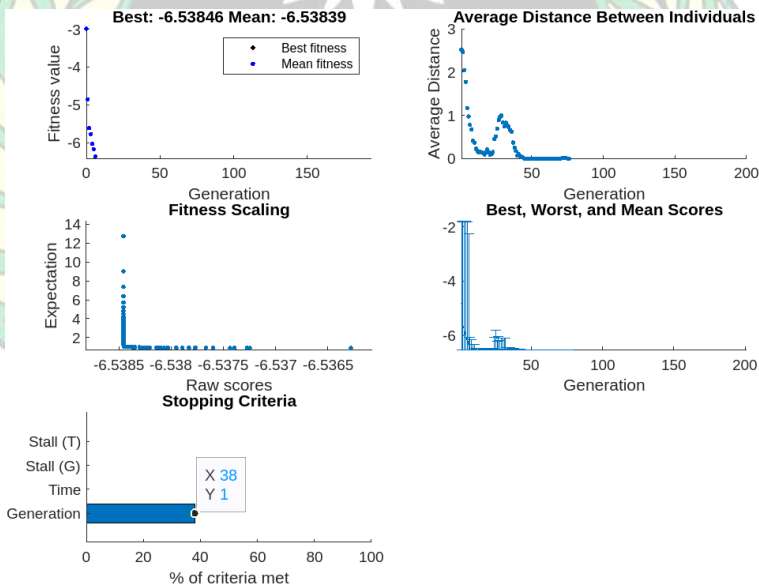
a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 1 0 0
Reduct of C_attributes C_reduct = [ c 8 c 9 c16 c37 c41 c48 c56 ]
targeted of C_attributes targetValue = -6.5385
the result C_reduct =
  2   2   2   3   2   3   2
  4   4   5   1   1   1   5
  2   1   4   1   1   5   5
  3   2   4   4   2   2   3
  3   2   2   3   4   4   2
  2   2   4   2   2   3   5
  2   2   5   2   2   3   5
  1   1   5   1   1   5   5
  2   2   2   2   2   1   2
  3   2   5   1   1   1   5
  2   1   5   1   1   4   5
  3   2   3   3   2   2   2
  3   3   3   3   3   3   3
  3   2   4   2   2   3   3
  5   5   5   5   4   4   4
  1   1   5   2   2   2   3
  3   3   3   3   3   4   4
  4   2   5   2   2   5   4
  3   2   5   1   1   5   5
  4   2   2   3   4   3   1
  3   2   5   2   2   3   4
  2   2   4   4   4   2   4
  3   2   4   2   2   4   4
  1   1   5   1   1   5   5
  2   2   4   2   3   2   4

```

b. Generation Algorithm



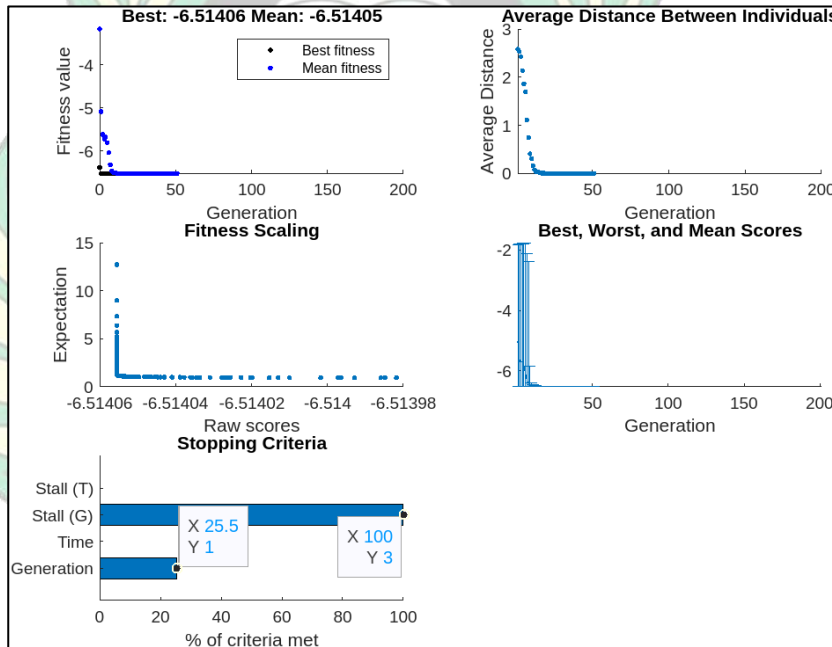
2. Generation 200 Iterasi 2

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 1 0 0 0 0 1 0 0 1 0 0 0 0 0 0 1 0
Reduct of C_attributes C_reduct = [ c 3 c 8 c11 c18 c34 c56 c58 ]
targeted of C_attributes targetValue = -6.5141
the result C_reduct =
  2  2  2  2  3  2  3
  4  4  2  1  2  5  1
  2  2  4  1  1  5  4
  2  3  2  2  2  3  2
  3  3  2  2  3  2  3
  2  2  4  4  2  5  2
  2  2  4  2  2  5  4
  1  1  5  1  1  5  5
  2  2  2  2  2  2  2
  1  3  4  4  1  5  5
  1  2  5  1  1  5  5
  3  3  2  2  3  2  2
  3  3  3  3  3  3  3
  2  3  4  1  2  3  2
  5  5  5  5  5  4  4
  3  1  4  2  2  3  3
  3  3  3  3  3  4  2
  2  4  4  1  1  4  4
  2  3  4  3  1  5  4
  2  4  2  1  2  1  2
  3  3  4  3  1  4  3
  2  2  4  4  4  4  2
  3  3  4  2  2  4  3
  
```

b. Genetic Algorithm



3. Generation 200 Iterasi 3

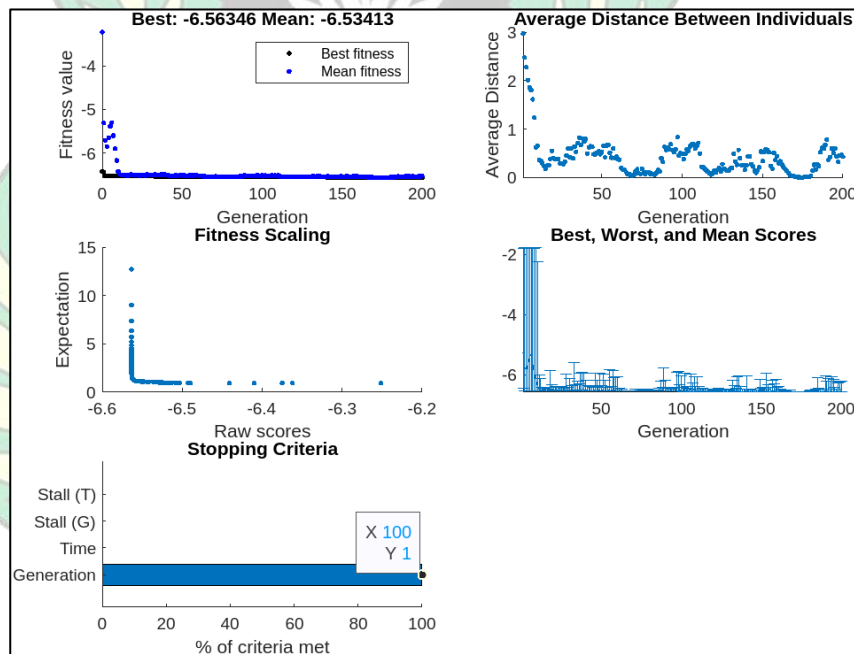
a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 1 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0
Reduct of C_attributes C_reduct = [ c 4 c 5 c13 c24 c44 c49 c55 ]
targeted of C_attributes targetValue = -6.5635
the result C_reduct =
  2  2  2  2  2  1  2
  5  4  4  1  1  1  1
  1  1  5  1  1  5  5
  2  4  4  3  2  2  2
  3  3  3  2  3  4  2
  2  2  4  2  3  5  2
  2  1  5  3  3  5  2
  1  1  5  1  1  5  5
  2  2  2  2  2  1  1
  1  2  5  1  1  1  5
  2  2  5  1  1  4  4
  3  2  2  2  3  2  2
  3  3  3  3  3  3  3
  2  2  4  1  3  3  3
  5  5  5  5  5  4  4
  2  3  5  2  2  3  3
  3  3  3  3  3  3  2
  1  1  4  2  2  5  3
  3  3  4  3  1  5  2
  4  2  1  1  4  2  1

```

b. Generation Algoritma



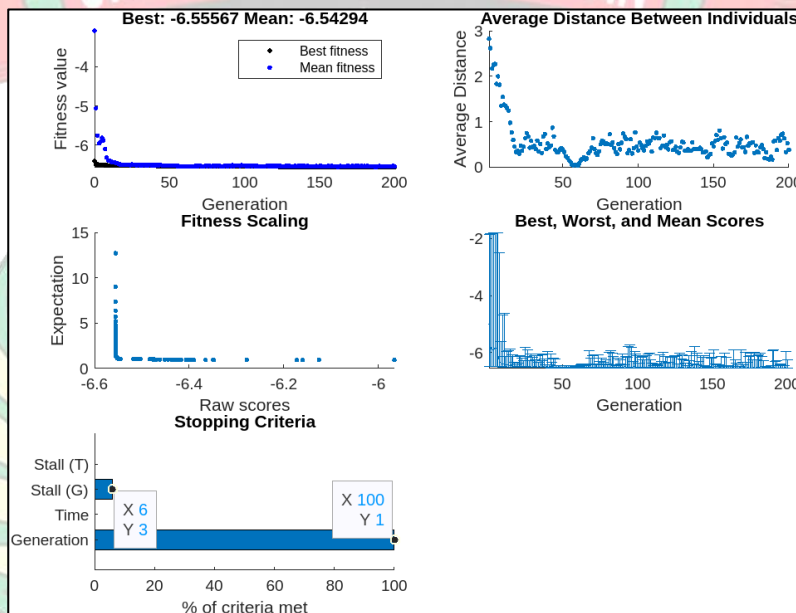
4. Generation 200 Iterasi 4

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0
Reduct of C_attributes C_reduct = [ c 6 c13 c28 c35 c44 c46 c52 ]
targeted of C_attributes targetValue = -6.5557
the result C_reduct =
  2  2  2  3  2  2  1
  4  4  1  2  1  1  2
  2  5  1  2  1  1  5
  2  4  3  4  2  4  3
  3  3  3  3  3  2  4
  2  4  2  2  3  2  5
  2  5  3  3  3  2  5
  1  5  1  1  1  1  5
  2  2  2  2  2  2  2
  2  5  1  1  1  1  3
  2  5  2  1  1  1  5
  2  2  3  3  3  3  2
  3  3  3  3  3  3  3
  3  4  2  2  3  3  5
  5  5  3  5  5  4  4
  2  5  1  2  2  2  2
  3  3  3  3  3  3  4
  2  4  4  2  2  4  4
  3  4  2  1  1  1  5
  1  1  3  3  4  3  4
    
```

b. Generation Algorithm



5. Generation 200 Iterasi 5

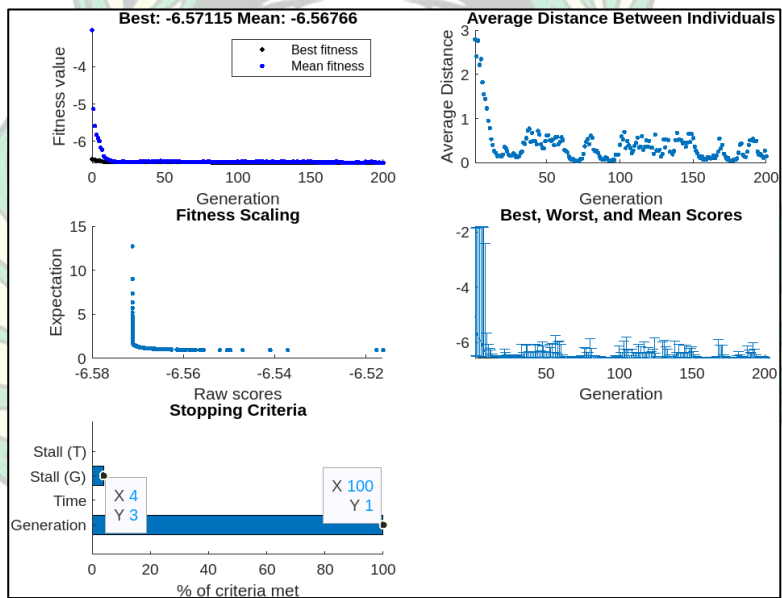
a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0
Reduce of C_attributes C_reduct = [ c 6 c13 c28 c35 c44 c46 c52 ]
targeted of C_attributes targetValue = -6.5557
the result C_reduct =
  2  2  2  3  2  2  1
  4  4  1  2  1  1  2
  2  5  1  2  1  1  5
  2  4  3  4  2  4  3
  3  3  3  3  3  2  4
  2  4  2  2  3  2  5
  2  5  3  3  3  2  5
  1  5  1  1  1  1  5
  2  2  2  2  2  2  2
  2  5  1  1  1  1  3
  2  5  2  1  1  1  5
  2  2  3  3  3  3  2
  3  3  3  3  3  3  3
  3  4  2  2  3  3  5
  5  5  3  5  5  4  4
  2  5  1  2  2  2  2
  3  3  3  3  3  3  4
  2  4  4  2  2  4  4
  3  4  2  1  1  1  5
  1  1  3  3  4  3  4
  3  3  4  2  3  2  5
  2  2  2  4  2  2  4

```

b. Generation Algorithm



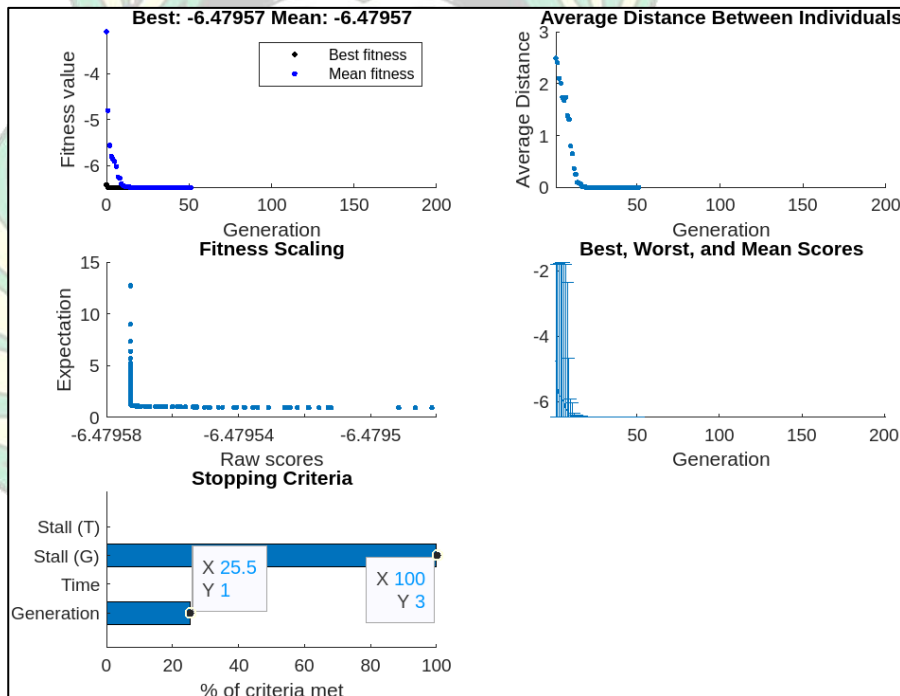
6. Generation 200 Iterasi 6

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
Reduct of C_attributes C_reduct = [ c18 c24 c36 c37 c46 c48 c54 c56 ]
targeted of C_attributes targetValue = -6.4796
the result C_reduct =
  2  2  3  3  2  3  2  2
  1  1  1  1  1  1  4  5
  1  1  1  1  1  5  5  5
  2  3  1  4  4  2  5  3
  2  2  3  3  2  4  3  2
  4  2  1  2  2  3  5  5
  2  3  2  2  2  3  4  5
  1  1  1  1  1  5  5  5
  2  2  2  2  2  1  2  2
  4  1  1  1  1  1  5  5
  1  1  2  1  1  4  5  5
  2  2  2  3  3  2  2  2
  3  3  3  3  3  3  3  3
  1  1  2  2  3  3  3  3
  5  5  5  5  4  4  4  4
  2  2  3  2  2  2  3  3
  3  3  3  3  3  4  4  4
  1  2  2  2  4  5  4  4
  3  3  1  1  1  5  5  5
  1  1  1  3  3  3  1  1
    
```

b. Generation Algorithm



7. Generation 200 Iterasi 7

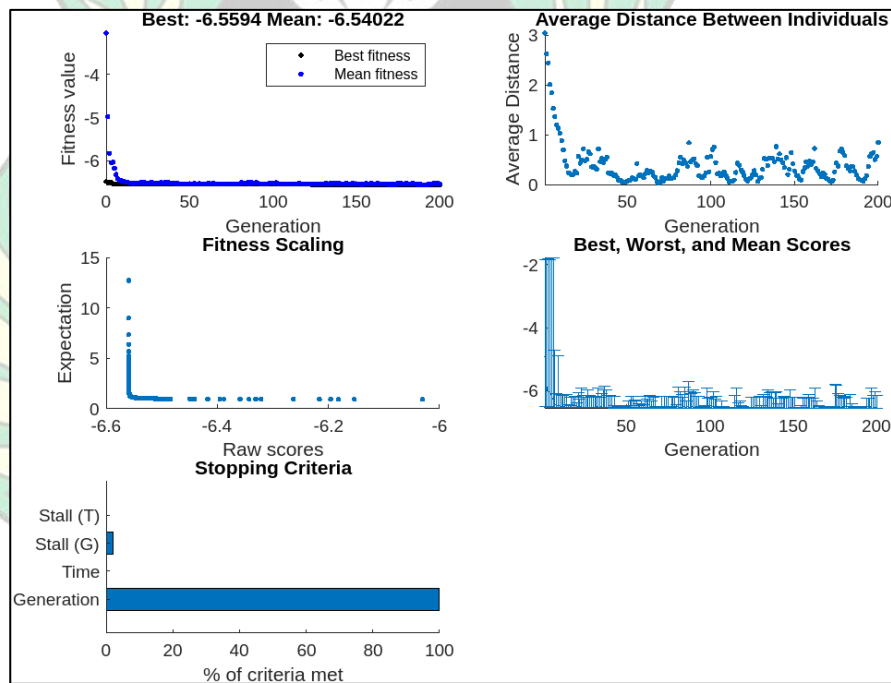
a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Reduct of C_attributes C_reduct = [ c 5 c29 c40 c48 c50 c56 ]
targeted of C_attributes targetValue = -6.5594
the result C_reduct =
  2  2  2  3  3  2
  4  5  5  1  5  5
  1  5  5  5  5  5
  4  3  4  2  4  3
  3  3  4  4  5  2
  2  5  4  3  5  5
  1  4  2  3  5  5
  1  5  1  5  5  5
  2  2  2  1  2  2
  2  5  1  1  1  5
  2  2  1  4  5  5
  2  3  2  2  3  2
  3  3  3  3  3  3
  2  5  3  3  5  3
  5  2  4  4  4  4
  3  2  2  2  2  3
  3  3  3  4  3  4
  1  2  2  5  4  4
  3  4  4  5  5  5

```

b. Generation Algoritma



8. Generation 200 Iterasi 8

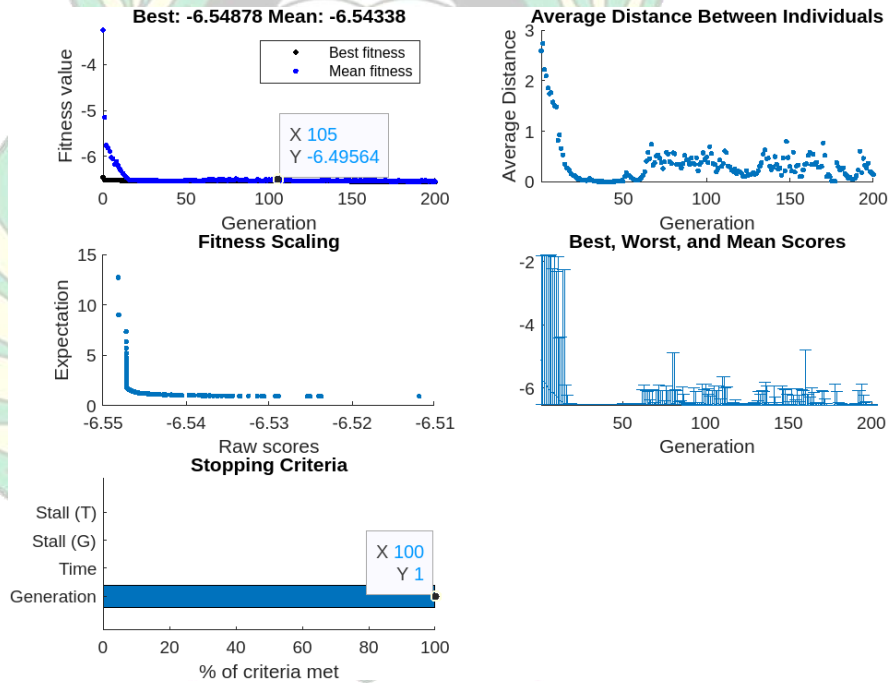
a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 ]
Reduce of C_attributes C_reduct = [ c 5 c29 c40 c48 c50 c56 ]
targeted of C_attributes targetValue = -6.5594
the result C_reduct =
 2 2 2 3 3 2
 4 5 5 1 5 5
 1 5 5 5 5 5
 4 3 4 2 4 3
 3 3 4 4 5 2
 2 5 4 3 5 5
 1 4 2 3 5 5
 1 5 1 5 5 5
 2 2 2 1 2 2
 2 5 1 1 1 5
 2 2 1 4 5 5
 2 3 2 2 3 2
 3 3 3 3 3 3
 2 5 3 3 5 3
 5 2 4 4 4 4
 3 2 2 2 2 3
 3 3 3 4 3 4
 1 2 2 5 4 4
 3 4 4 5 5 5

```

b. Generation Algorithm



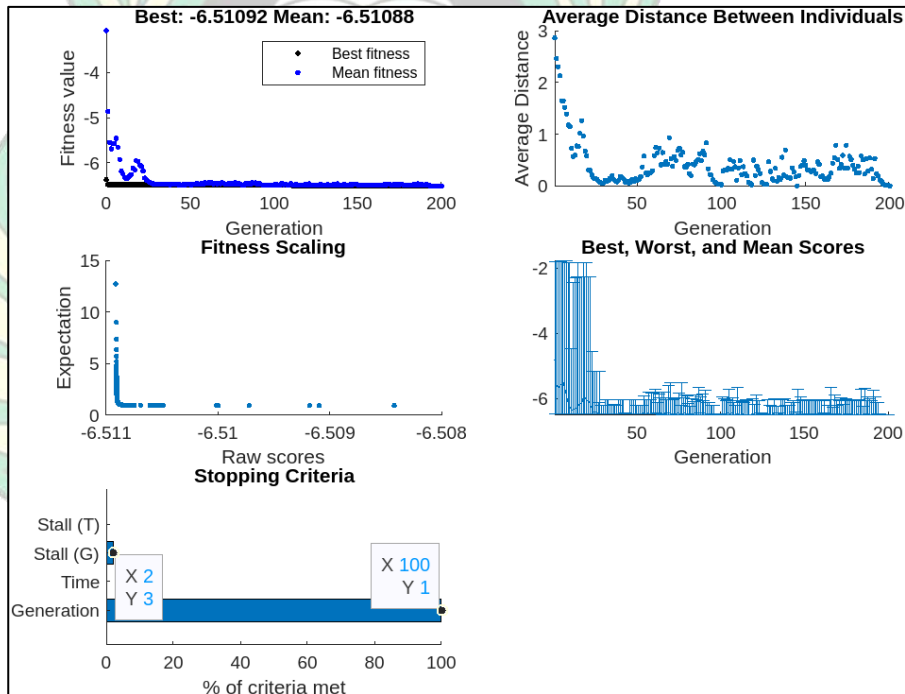
9. Generation 200 Iterasi 9

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 1 0 0 0 0 0 0 0 0 1 0 0 0
Reduct of C_attributes C_reduct = [ c 6 c15 c21 c49 c55 c58 ]
targeted of C_attributes targetValue = -6.5109
the result C_reduct =
  2  2  3  1  2  3
  4  5  3  1  1  1
  2  5  1  5  5  4
  2  3  2  2  2  2
  3  4  3  4  2  3
  2  4  2  5  2  2
  2  5  2  5  2  4
  1  5  1  5  5  5
  2  2  2  1  1  2
  2  5  1  1  5  5
  2  5  2  4  4  5
  2  2  2  2  2  2
  3  3  3  3  3  3
  3  4  1  3  3  2
  5  4  5  4  4  4
  2  5  2  3  3  3
  3  2  3  3  2  2
    
```

b. Generation Algorithm



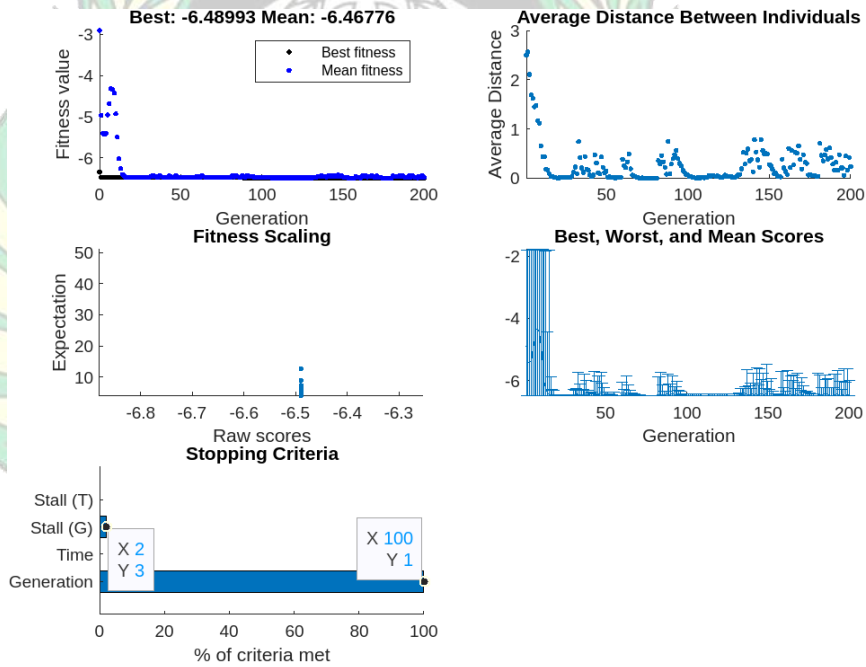
10. Generation 200 Iterasi 10

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 0 1 0 0 0 1 0 1 0 0 0 0 0
Reduce of C_attributes C_reduct = [ c 7 c11 c13 c20 c41 c45 c49 ]
targeted of C_attributes targetValue = -6.4899
the result C_reduct =
  2  2  2  3  2  2  1
  4  2  4  2  1  5  1
  2  4  5  1  1  5  5
  4  2  4  2  2  4  2
  3  2  3  3  4  2  4
  2  4  4  5  2  3  5
  2  4  5  3  2  3  5
  1  5  5  1  1  5  5
  2  2  2  2  2  2  1
  2  4  5  5  1  1  1
  1  5  5  2  1  5  4
  3  2  2  3  2  3  2
  3  3  3  3  3  3  3
  3  4  4  2  2  3  3
  5  5  5  5  4  4  4
  1  4  5  3  2  3  3
  3  3  3  2  3  3  3
  4  4  4  2  2  3  5
    
```

b. Generation Algoritma



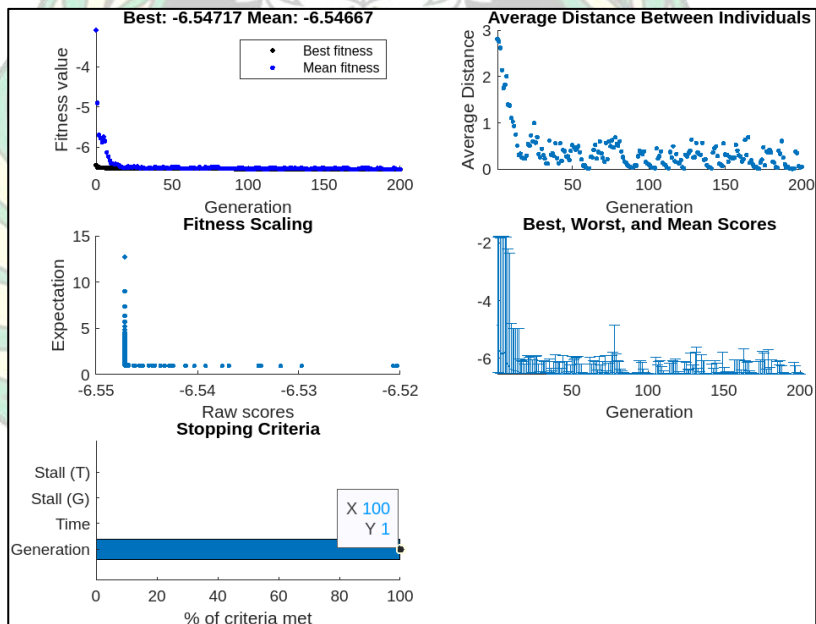
11. Generation 200 Iterasi 11

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0
Reduct of C_attributes C_reduct = [ c12 c19 c43 c49 c53 c56 ]
targeted of C_attributes targetValue = -6.5472
the result C_reduct =
    2  3  3  1  3  2
    4  1  1  1  5  5
    5  1  1  5  5  5
    3  3  4  2  2  3
    4  2  3  4  3  2
    5  3  3  5  4  5
    4  3  3  5  2  5
    5  1  1  5  5  5
    1  2  1  1  1  2
    5  5  1  1  4  5
    5  1  1  4  4  5
    3  3  3  2  2  2
    3  3  3  3  3  3
    5  3  3  3  1  3
    5  5  5  4  4  4
    5  2  3  3  2  3
    3  3  3  3  3  4
    4  2  3  5  3  4
    4  3  1  5  4  5
    
```

b. Generation Algorithm



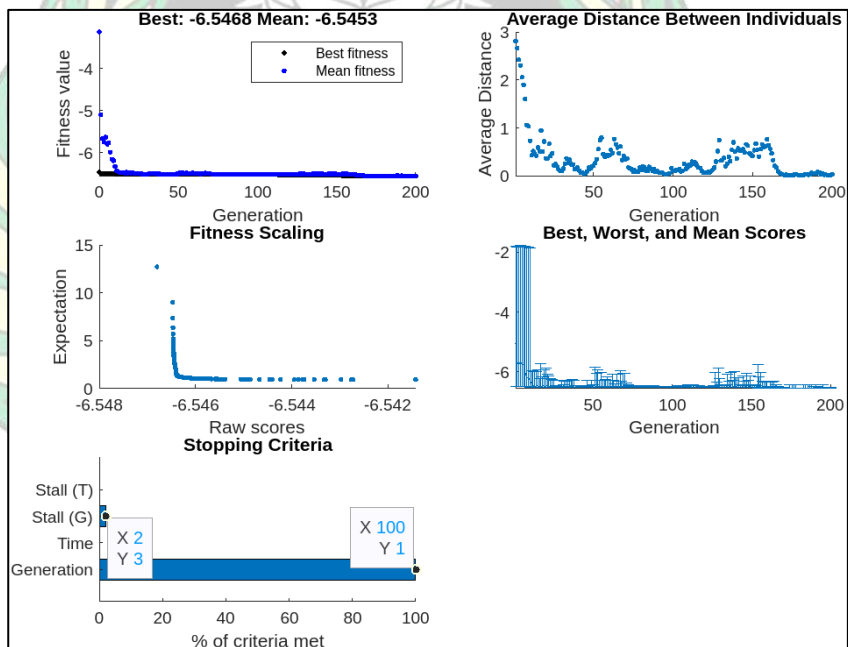
12. Generation 200 Iterasi 12

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 1
Reduct of C_attributes C_reduct = [ c 3 c 8 c18 c22 c33 c43 c58 ]
targeted of C_attributes targetValue = -6.5468
the result C_reduct =
  2  2  2  3  2  3  3
  4  4  1  2  2  1  1
  2  2  1  1  1  1  4
  2  3  2  4  3  4  2
  3  3  2  3  3  3  3
  2  2  4  2  2  3  2
  2  2  2  3  3  3  4
  1  1  1  1  1  1  5
  2  2  2  2  2  1  2
  1  3  4  3  1  1  5
  1  2  1  2  1  1  5
  3  3  2  3  3  3  2
  3  3  3  3  3  3  3
  2  3  1  3  3  3  2
  5  5  5  5  4  5  4
  3  1  2  2  2  3  3
  3  3  3  3  3  3  2
  2  4  1  4  2  3  4
  2  3  3  2  2  1  4
  2  4  1  4  2  3  2
    
```

b. Generation Algorithm



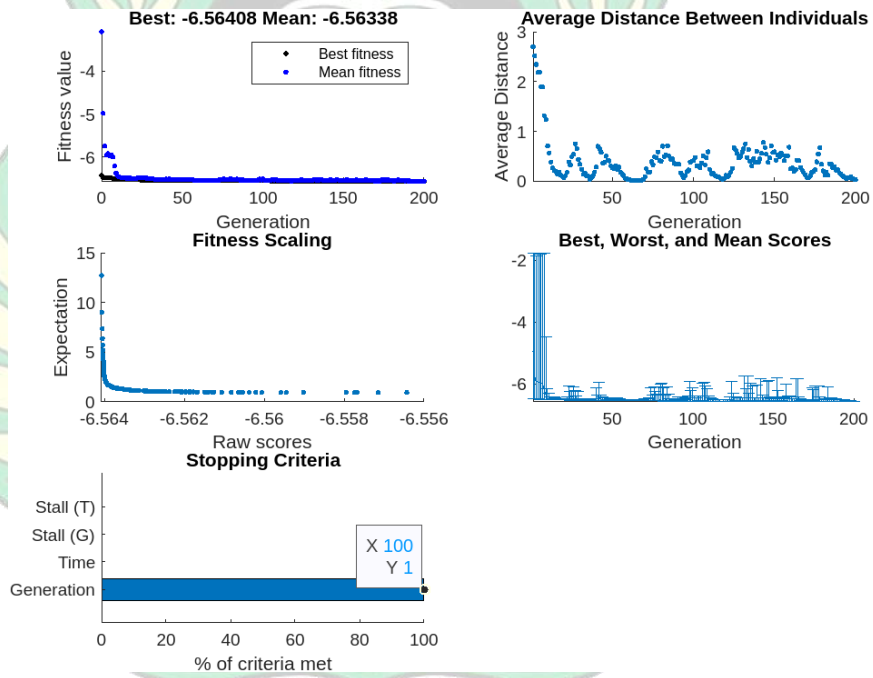
13. Generation 200 Iterasi 13

a. Result Code

```

===== result of computing =====
minimize r = [ 1 0 0 0 0 0 0 1 0 0 1 0 1 0 0 0 1 0
Reduce of C_attributes C_reduct = [ c 1 c 8 c11 c13 c17 c41 c56 ]
targeted of C_attributes targetValue = -6.5641
the result C_reduct =
  2  2  2  2  2  2  2
  5  4  2  4  1  1  5
  1  2  4  5  1  1  5
  3  3  2  4  3  2  3
  3  3  2  3  1  4  2
  2  2  4  4  4  2  5
  1  2  4  5  3  2  5
  1  1  5  5  1  1  5
  2  2  2  2  1  2  2
  1  3  4  5  5  1  5
  2  2  5  5  1  1  5
  3  3  2  2  3  2  2
  3  3  3  3  3  3  3
  2  3  4  4  2  2  3
  5  5  5  5  5  4  4
  2  1  4  5  2  2  3
  2  3  3  3  3  3  4
  2  4  4  4  2  2  4
  2  3  4  4  1  1  5
    
```

b. Generation Algorithm



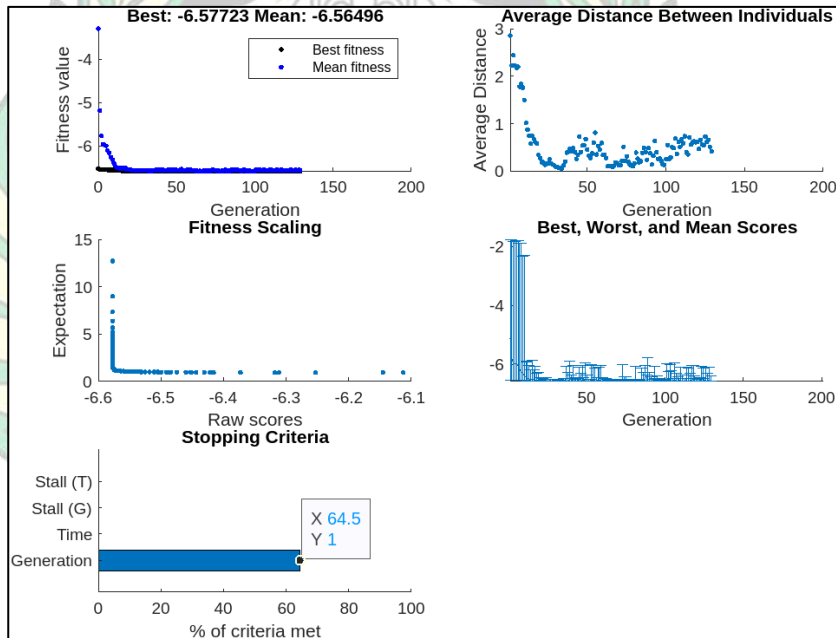
14. Generation 200 Iterasi 14

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 1 0
Reduct of C_attributes C_reduct = [ c 6 c16 c17 c31 c54 c57 ]
targeted of C_attributes targetValue = -6.5772
the result C_reduct =
  2  2  2  2  2  3
  4  5  1  2  4  1
  2  4  1  1  5  4
  2  4  3  4  5  4
  3  2  1  3  3  3
  2  4  4  2  5  5
  2  5  3  3  4  5
  1  5  1  1  5  5
  2  2  1  2  2  2
  2  5  5  1  5  5
  2  5  1  1  5  5
  2  3  3  3  2  3
  3  3  3  3  3  3
  3  4  2  3  3  2
  5  5  5  4  4  4
  2  5  2  2  3  3
  3  3  3  3  4  4
  2  5  2  2  4  4
    
```

b. Generation Algorithm



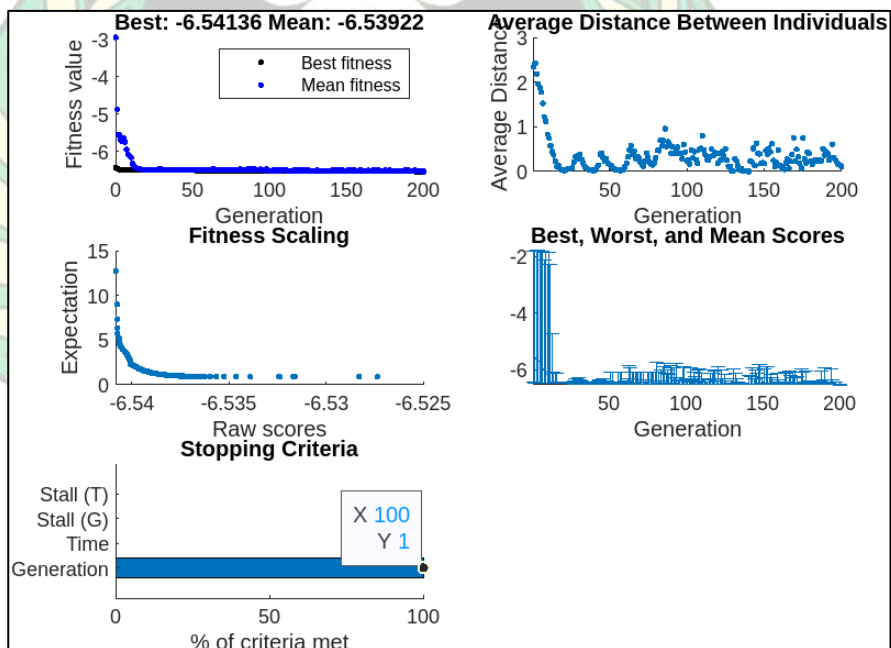
15. Generation 200 Iterasi 15

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 1 0
Reduct of C_attributes C_reduct = [ c 5 c10 c17 c19 c43 c53 c58 ]
targeted of C_attributes targetValue = -6.5414
the result C_reduct =
  2  2  2  3  3  3  3
  4  2  1  1  1  5  1
  1  5  1  1  1  5  4
  4  1  3  3  4  2  2
  3  2  1  2  3  3  3
  2  4  4  3  3  4  2
  1  3  3  3  3  2  4
  1  5  1  1  1  5  5
  2  2  1  2  1  1  2
  2  4  5  5  1  4  5
  2  5  1  1  1  4  5
  2  3  3  3  3  2  2
  3  3  3  3  3  3  3
  2  4  2  3  3  1  2
  5  5  5  5  5  4  4
  3  5  2  2  3  2  3
  3  3  3  3  3  3  2
  1  4  2  2  3  3  4
  3  4  1  3  1  4  4
  2  1  1  3  3  3  2
  2  4  2  3  2  2  3
    
```

b. Generation Algorithm



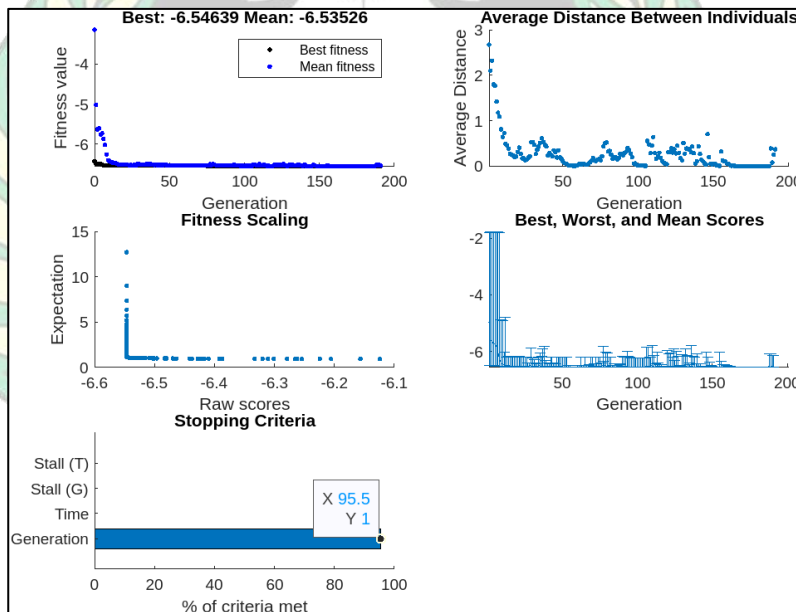
16. Generation 200 Iterasi 16

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 1 0
Reduce of C_attributes C_reduct = [ c 5 c10 c17 c19 c43 c53 c58 ]
targeted of C_attributes targetValue = -6.5414
the result C_reduct =
  2  2  2  3  3  3  3
  4  2  1  1  1  5  1
  1  5  1  1  1  5  4
  4  1  3  3  4  2  2
  3  2  1  2  3  3  3
  2  4  4  3  3  4  2
  1  3  3  3  3  2  4
  1  5  1  1  1  5  5
  2  2  1  2  1  1  2
  2  4  5  5  1  4  5
  2  5  1  1  1  4  5
  2  3  3  3  3  2  2
  3  3  3  3  3  3  3
  2  4  2  3  3  1  2
  5  5  5  5  5  4  4
  3  5  2  2  3  2  3
  3  3  3  3  3  3  2
  1  4  2  2  3  3  4
  3  4  1  3  1  4  4
  2  1  1  3  3  3  2
  2  4  2  3  2  2  3
    
```

b. Generation Algorithm



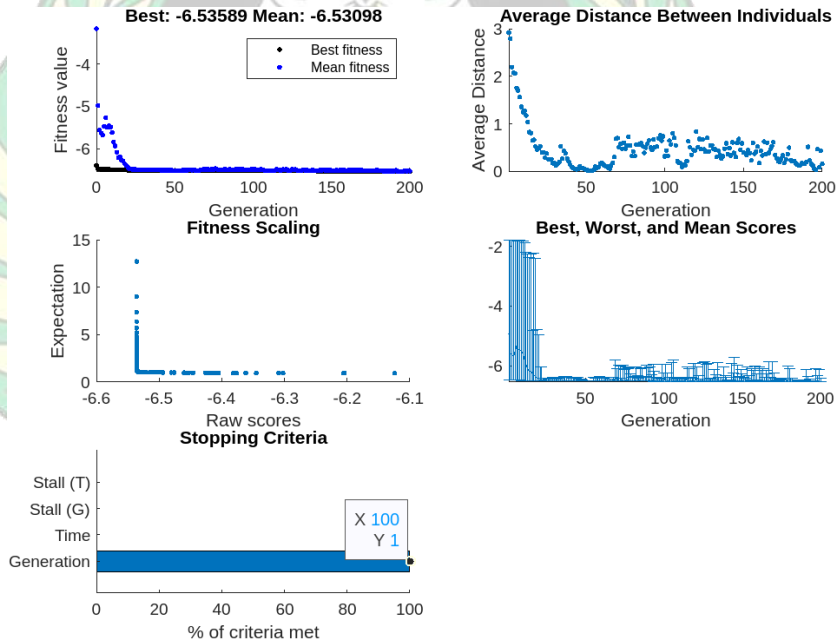
17. Generation 200 Iterasi 17

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 1 0
Reduct of C_attributes C_reduct = [ c 5 c10 c17 c19 c43 c53 c58 ]
targeted of C_attributes targetValue = -6.5414
the result C_reduct =
  2  2  2  3  3  3  3
  4  2  1  1  1  5  1
  1  5  1  1  1  5  4
  4  1  3  3  4  2  2
  3  2  1  2  3  3  3
  2  4  4  3  3  4  2
  1  3  3  3  3  2  4
  1  5  1  1  1  5  5
  2  2  1  2  1  1  2
  2  4  5  5  1  4  5
  2  5  1  1  1  4  5
  2  3  3  3  3  2  2
  3  3  3  3  3  3  3
  2  4  2  3  3  1  2
  5  5  5  5  5  4  4
  3  5  2  2  3  2  3
  3  3  3  3  3  3  2
  1  4  2  2  3  3  4
  3  4  1  3  1  4  4
  2  1  1  3  3  3  2
  2  4  2  3  2  2  3
    
```

b. Generation Algorithm



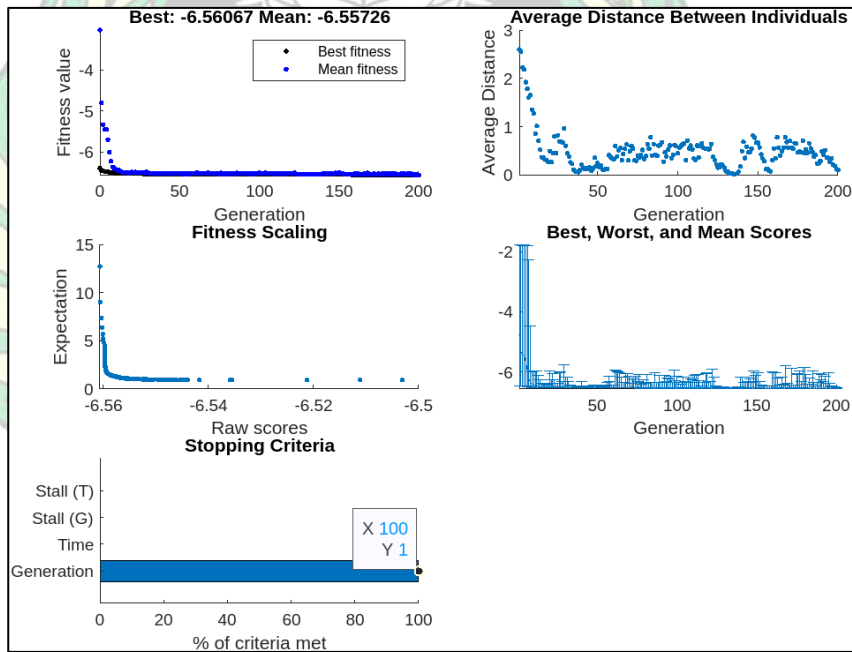
18. Generation 200 Iterasi 18

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 1 0 0 1 0 0 0 0 0 1 1 0 0 0
Reduct of C_attributes C_reduct = [ c 5 c 8 c14 c15 c22 c41 c49 ]
targeted of C_attributes targetValue = -6.5359
the result C_reduct =
  2  2  2  2  3  2  1
  4  4  4  5  2  1  1
  1  2  5  5  1  1  5
  4  3  3  3  4  2  2
  3  3  3  4  3  4  4
  2  2  4  4  2  2  5
  1  2  5  5  3  2  5
  1  1  5  5  1  1  5
  2  2  2  2  2  2  1
  2  3  5  5  3  1  1
  2  2  4  5  2  1  4
  2  3  2  2  3  2  2
  3  3  3  3  3  3  3
  2  3  5  4  3  2  3
  5  5  5  4  5  4  4
  3  1  4  5  2  2  3
  3  3  3  2  3  3  3
  1  4  4  4  4  2  5
  3  3  4  4  2  1  5
  
```

b. Generation Algorithm



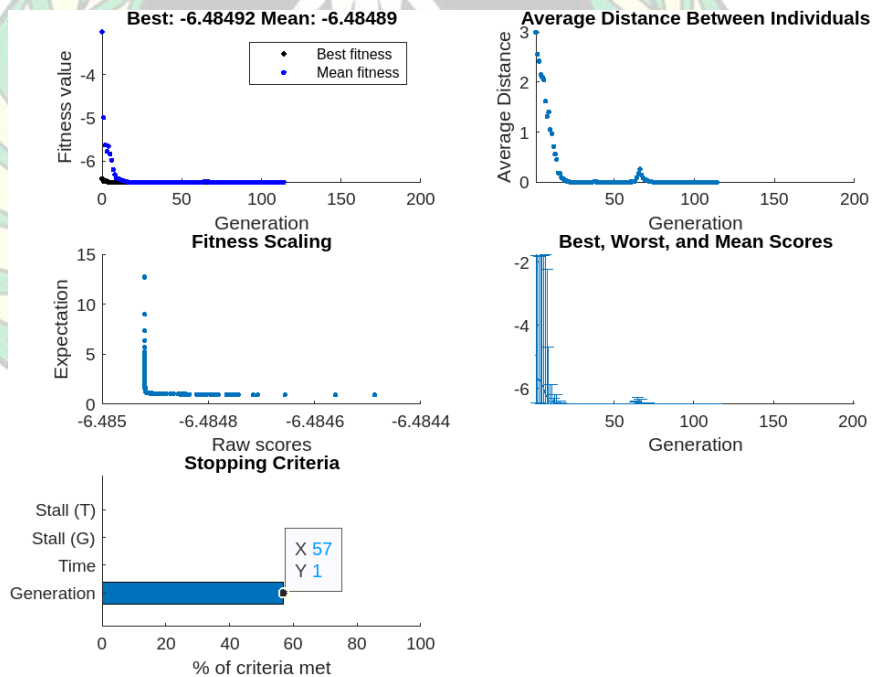
19. Generation 200 Iterasi 19

a. Result Code

```

===== result of computing =====
minimize r = [ 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Reduct of C_attributes C_reduct = [ c 2 c19 c21 c31 c35 c44 c54 ]
targeted of C_attributes targetValue = -6.4849
the result C_reduct =
    2   3   3   2   3   2   2
    5   1   3   2   2   1   4
    2   1   1   1   2   1   5
    2   3   2   4   4   2   5
    3   2   3   3   3   3   3
    1   3   2   2   2   3   5
    2   3   2   3   3   3   4
    1   1   1   1   1   1   5
    2   2   2   2   2   2   2
    1   5   1   1   1   1   5
    1   1   2   1   1   1   5
    2   3   2   3   3   3   2
    3   3   3   3   3   3   3
    2   3   1   3   2   3   3
    4   5   5   4   5   5   4
    2   2   2   2   2   2   3
    3   3   3   3   3   3   4
    1   2   2   2   2   2   4
    2   3   2   2   1   1   5
    3   3   3   3   3   4   1
    2   3   2   2   2   3   4
    2   4   4   2   4   2   4
    2   2   2   2   2   2   4
    
```

b. Generation Algorithm



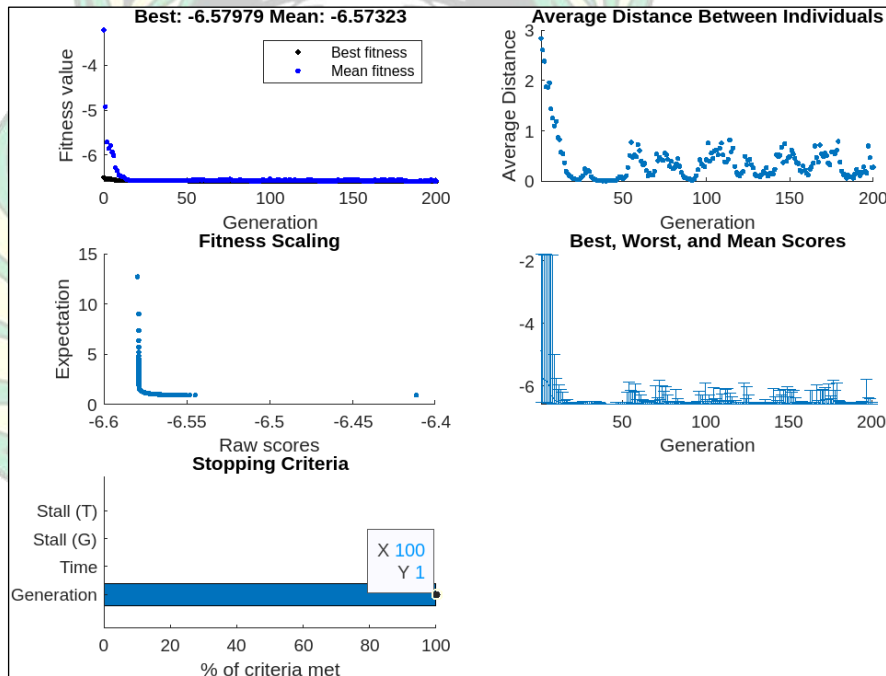
20. Generation 200 Iterasi 20

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 1 0 0 0 0 0 0 0 0 1 0 1
Reduct of C_attributes C_reduct = [ c 5 c14 c16 c33 c47 c58 ]
targeted of C_attributes targetValue = -6.5798
the result C_reduct =
    2  2  2  2  2  3
    4  4  5  2  2  1
    1  5  4  1  1  4
    4  3  4  3  2  2
    3  3  2  3  2  3
    2  4  4  2  2  2
    1  5  5  3  2  4
    1  5  5  1  1  5
    2  2  2  2  2  2
    2  5  5  1  1  5
    2  4  5  1  1  5
    2  2  3  3  3  2
    3  3  3  3  3  3
    2  5  4  3  3  2
    5  5  5  4  4  4
    3  4  5  2  3  3
    3  3  3  3  3  2
    
```

b. Generation Algorithm



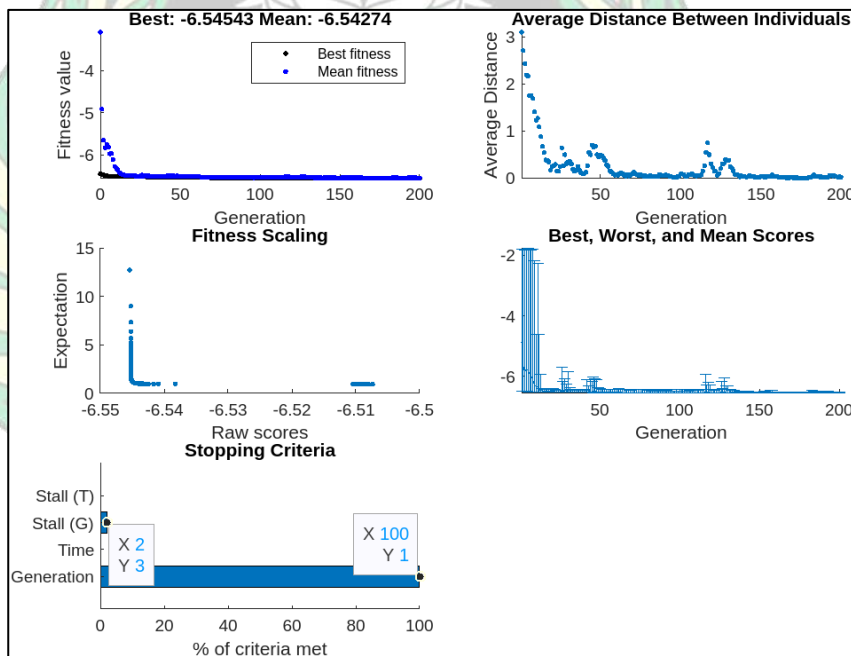
21. Generation 200 Iterasi 21

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 1 0 0 0 0 0 0 0 0 1 0 0 0
Reduct of C_attributes C_reduct = [ c 6 c15 c20 c21 c41 c47 c55 ]
targeted of C_attributes targetValue = -6.5454
the result C_reduct =
  2  2  3  3  2  2  2
  4  5  2  3  1  2  1
  2  5  1  1  1  1  5
  2  3  2  2  2  2  2
  3  4  3  3  4  2  2
  2  4  5  2  2  2  2
  2  5  3  2  2  2  2
  1  5  1  1  1  1  5
  2  2  2  2  2  2  1
  2  5  5  1  1  1  5
  2  5  2  2  1  1  4
  2  2  3  2  2  3  2
  3  3  3  3  3  3  3
  3  4  2  1  2  3  3
  5  4  5  5  4  4  4
  2  5  3  2  2  3  3
  3  2  2  3  3  3  2
  2  4  2  2  2  4  3
  3  4  2  2  1  1  2
  1  2  3  3  4  4  1
    
```

b. Generation Algorithm



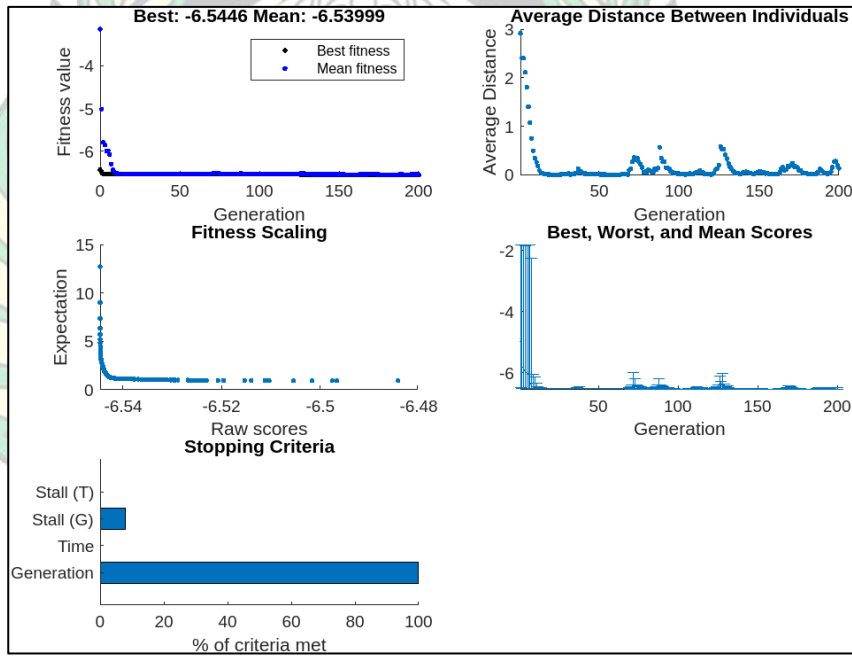
22. Generation 200 Iterasi 22

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 1 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0
Reduct of C_attributes C_reduct = [ c 3 c13 c17 c33 c41 c55 ]
targeted of C_attributes targetValue = -6.5446
the result C_reduct =
  2  2  2  2  2  2
  4  4  1  2  1  1
  2  5  1  1  1  5
  2  4  3  3  2  2
  3  3  1  3  4  2
  2  4  4  2  2  2
  2  5  3  3  2  2
  1  5  1  1  1  5
  2  2  1  2  2  1
  1  5  5  1  1  5
  1  5  1  1  1  4
  3  2  3  3  2  2
  3  3  3  3  3  3
  2  4  2  3  2  3
  5  5  5  4  4  4
  3  5  2  2  2  3
  3  3  3  3  3  2
  2  4  2  2  2  3
  
```

b. Generation Algoritma



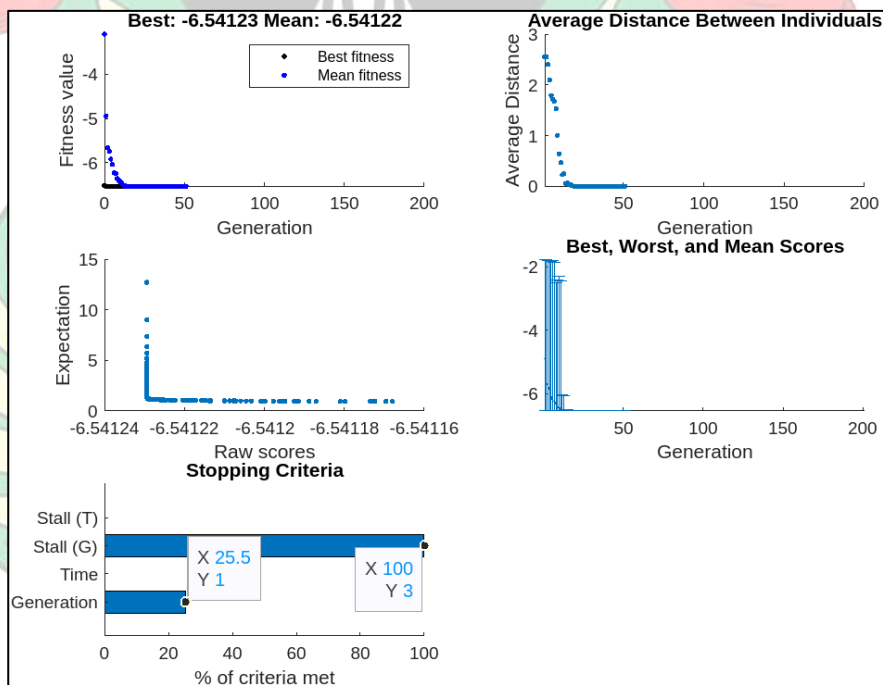
23. Generation 200 Iterasi 23

a. Result Code

```

===== result of computing =====
minimize r = [ 1 0 0 1 0 0 0 0 0 1 0 0 0 0 1 0 0 0
Reduct of C_attributes C_reduct = [ c 1 c 4 c10 c15 c20 c38 c44 ]
targeted of C_attributes targetValue = -6.5412
the result C_reduct =
    2  2  2  2  3  3  2
    5  5  2  5  2  1  1
    1  1  5  5  1  1  1
    3  2  1  3  2  4  2
    3  3  2  4  3  3  3
    2  2  4  4  5  2  3
    1  2  3  5  3  4  3
    1  1  5  5  1  1  1
    2  2  2  2  2  2  2
    1  1  4  5  5  1  1
    2  2  5  5  2  1  1
    3  3  3  2  3  2  3
    3  3  3  3  3  3  3
    2  2  4  4  2  3  3
    
```

b. Generation Algorithm



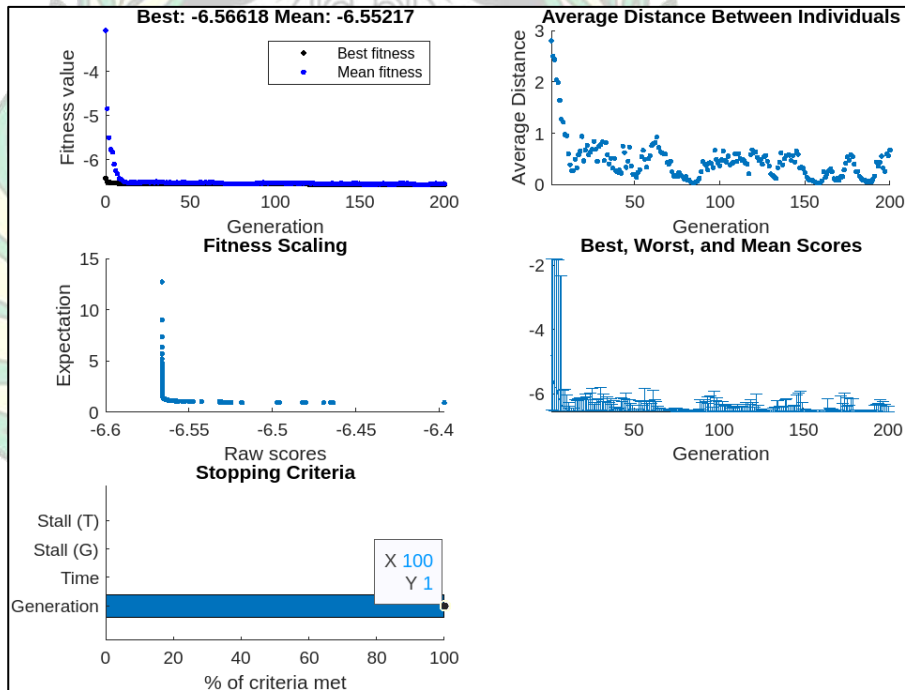
24. Generation 200 Iterasi 24

a. Result Code

```

===== result of computing =====
minimize r = [ 1 0 0 1 0 0 1 0 0 0 0 0 1 0 1 0 0 0
Reduct of C_attributes C_reduct = [ c 1 c 4 c 7 c13 c15 c41 c53 ]
targeted of C_attributes targetValue = -6.5662
the result C_reduct =
  2  2  2  2  2  2  3
  5  5  4  4  5  1  5
  1  1  2  5  5  1  5
  3  2  4  4  3  2  2
  3  3  3  3  4  4  3
  2  2  2  4  4  2  4
  1  2  2  5  5  2  2
  1  1  1  5  5  1  5
  2  2  2  2  2  2  1
  1  1  2  5  5  1  4
  2  2  1  5  5  1  4
  3  3  3  2  2  2  2
  3  3  3  3  3  3  3
  2  2  3  4  4  2  1
  5  5  5  5  4  4  4
  2  2  1  5  5  2  2
  2  3  3  3  2  3  3
  2  1  4  4  4  2  3
  2  3  3  4  4  1  4
    
```

b. Generation Algorithm



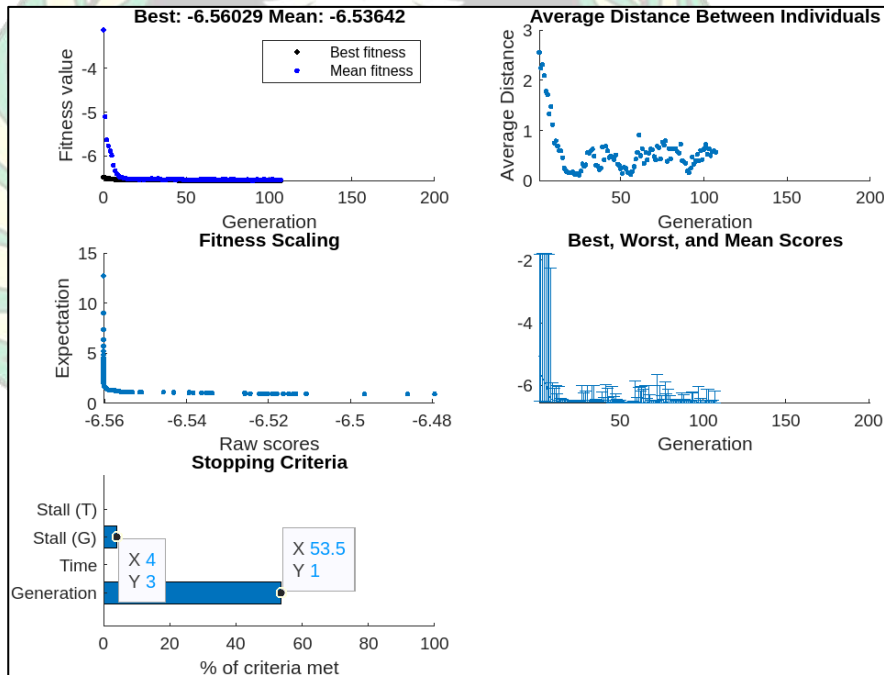
25. Generation 200 Iterasi 25

a. Result Code

```

===== result of computing =====
minimize r = [ 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0
Reduct of C_attributes C_reduct = [ c 2 c15 c20 c48 c53 c54 ]
targeted of C_attributes targetValue = -6.5603
the result C_reduct =
  2  2  3  3  3  2
  5  5  2  1  5  4
  2  5  1  5  5  5
  2  3  2  2  2  5
  3  4  3  4  3  3
  1  4  5  3  4  5
  2  5  3  3  2  4
  1  5  1  5  5  5
  2  2  2  1  1  2
  1  5  5  1  4  5
  1  5  2  4  4  5
  2  2  3  2  2  2
  3  3  3  3  3  3
  2  4  2  3  1  3
  4  4  5  4  4  4
  2  5  3  2  2  3
  3  2  2  4  3  4
  1  4  2  5  3  4
  2  4  2  5  4  5
  3  2  3  3  3  1
  2  4  2  3  2  4
    
```

b. Generation Algoritma



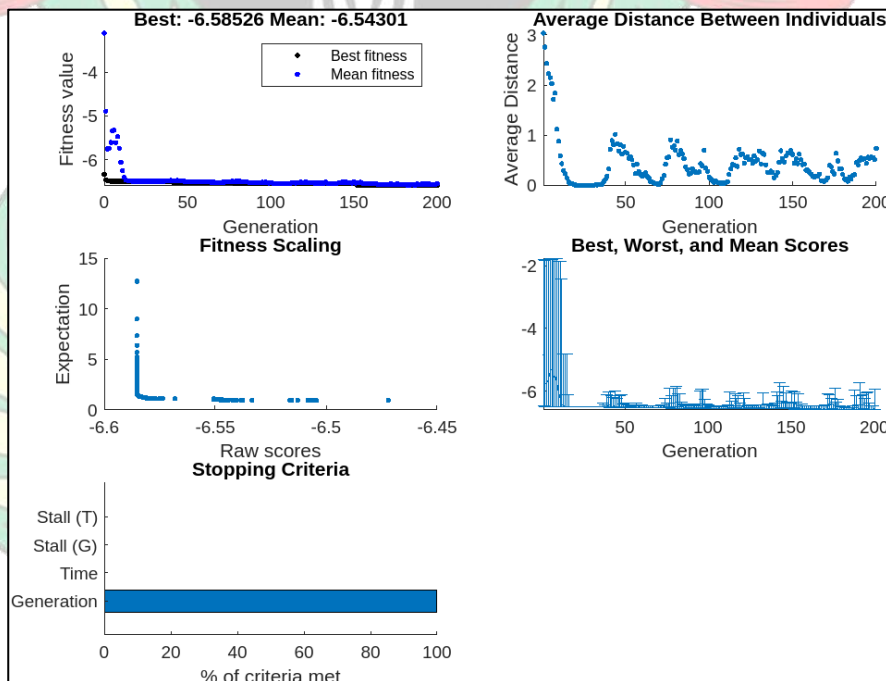
26. Generation 200 Iterasi 26

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0
Reduct of C_attributes C_reduct = [ c 7 c13 c21 c44 c50 c58 ]
targeted of C_attributes targetValue = -6.5853
the result C_reduct =
  2  2  3  2  3  3
  4  4  3  1  5  1
  2  5  1  1  5  4
  4  4  2  2  4  2
  3  3  3  3  5  3
  2  4  2  3  5  2
  2  5  2  3  5  4
  1  5  1  1  5  5
  2  2  2  2  2  2
  2  5  1  1  1  5
  1  5  2  1  5  5
  3  2  2  3  3  2
  3  3  3  3  3  3
  3  4  1  3  5  2
  5  5  5  5  4  4
  1  5  2  2  2  3
  3  3  3  3  3  2
    
```

b. Generation Algoritma



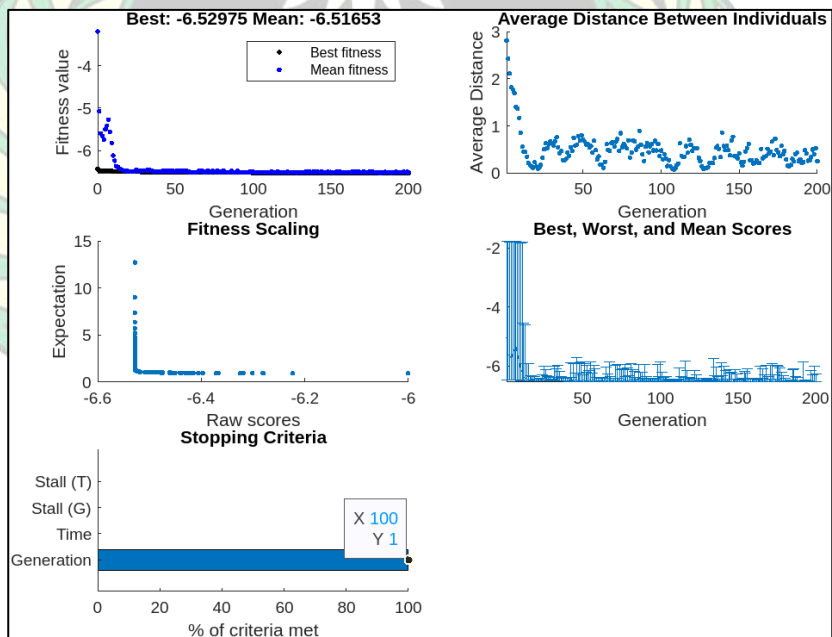
27. Generation 200 Iterasi 27

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 1
Reduct of C_attributes C_reduct = [ c 7 c15 c18 c27 c47 c49 c54 ]
targeted of C_attributes targetValue = -6.5298
the result C_reduct =
  2  2  2  2  2  1  2
  4  5  1  2  2  1  4
  2  5  1  1  1  5  5
  4  3  2  2  2  2  5
  3  4  2  3  2  4  3
  2  4  4  2  2  5  5
  2  5  2  4  2  5  4
  1  5  1  1  1  5  5
  2  2  2  2  2  1  2
  2  5  4  1  1  1  5
  1  5  1  1  1  4  5
  3  2  2  2  3  2  2
  3  3  3  3  3  3  3
  3  4  1  2  3  3  3
  5  4  5  3  4  4  4
  1  5  2  2  3  3  3
  3  2  3  3  3  3  4
  4  4  1  2  4  5  4
  3  4  3  2  1  5  5
  3  2  1  3  4  2  1
  3  4  3  3  2  3  4
  2  4  4  2  2  4  4
    
```

b. Generation Algorithm



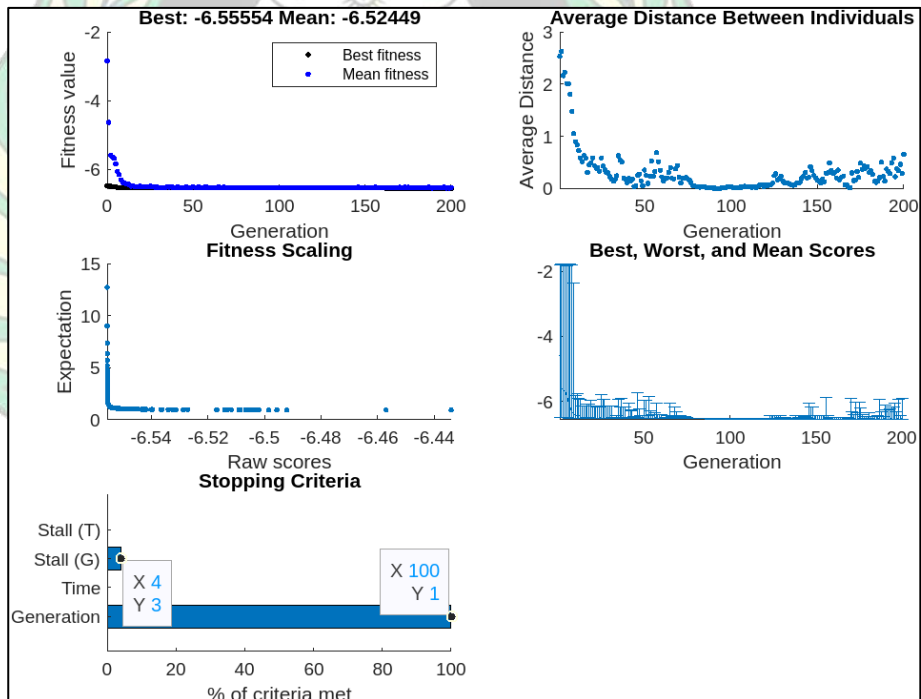
28. Generation 200 Iterasi 28

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 1 0 0 0 1 0 1 0 0 1 0 0 0 0 0 0
Reduct of C_attributes C_reduct = [ c 3 c 7 c 9 c12 c35 c43 c48 ]
targeted of C_attributes targetValue = -6.5555
the result C_reduct =
  2  2  2  2  3  3  3
  4  4  4  4  2  1  1
  2  2  1  5  2  1  5
  2  4  2  3  4  4  2
  3  3  2  4  3  3  4
  2  2  2  5  2  3  3
  2  2  2  4  3  3  3
  1  1  1  5  1  1  5
  2  2  2  2  2  1  1
  1  2  2  5  1  1  1
  1  1  1  5  1  1  4
  3  3  2  3  3  3  2
  3  3  3  3  3  3  3
  2  3  2  5  2  3  3
  5  5  5  5  5  5  4
  3  1  1  5  2  3  2
  3  3  3  3  3  3  4
  2  4  2  4  2  3  5
  2  3  2  4  1  1  5
  2  3  2  2  3  3  3
    
```

b. Generation Algorithm



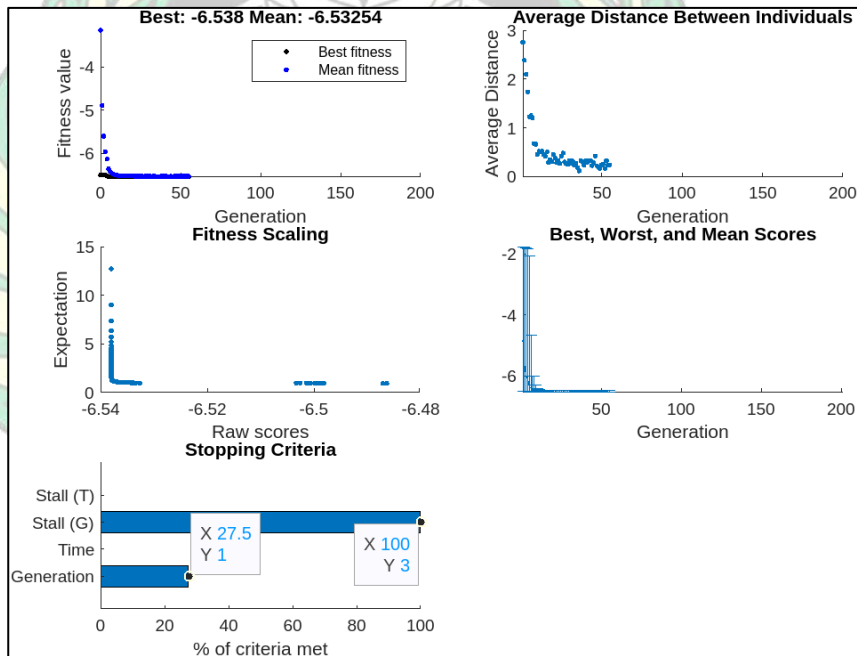
29. Generation 200 Iterasi 29

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 1 0 0 0 1 0 1 0 0 1 0 0 0 0 0 0
Reduct of C_attributes C_reduct = [ c 3 c 7 c 9 c12 c35 c43 c48 ]
targeted of C_attributes targetValue = -6.5555
the result C_reduct =
  2  2  2  2  3  3  3
  4  4  4  4  2  1  1
  2  2  1  5  2  1  5
  2  4  2  3  4  4  2
  3  3  2  4  3  3  4
  2  2  2  5  2  3  3
  2  2  2  4  3  3  3
  1  1  1  5  1  1  5
  2  2  2  1  2  1  1
  1  2  2  5  1  1  1
  1  1  1  5  1  1  4
  3  3  2  3  3  3  2
  3  3  3  3  3  3  3
  2  3  2  5  2  3  3
  5  5  5  5  5  5  4
  3  1  1  5  2  3  2
  3  3  3  3  3  3  4
  2  4  2  4  2  3  5
  2  3  2  4  1  1  5
  2  3  2  2  3  3  3
    
```

b. Generation Algorithm



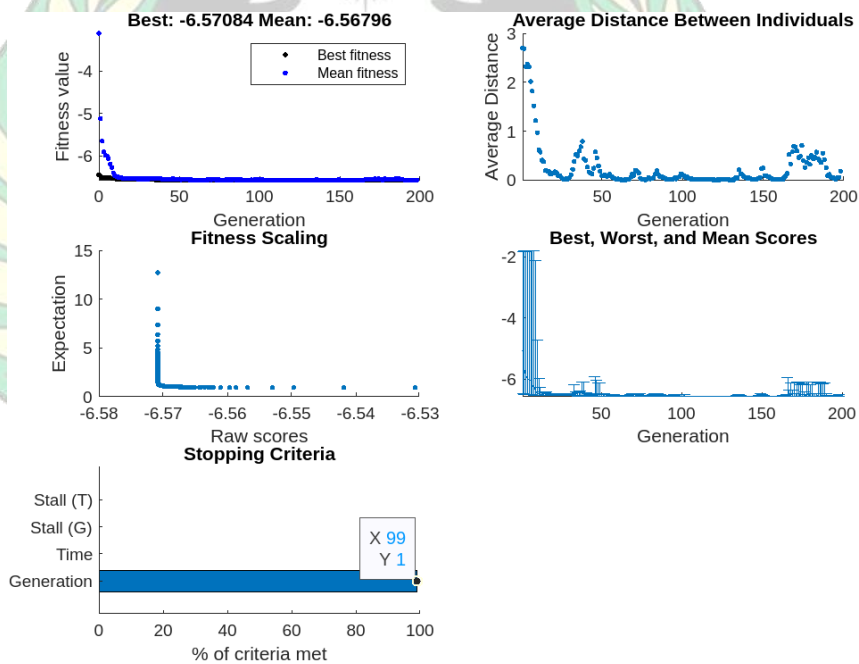
30. Generation 200 Iterasi 30

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1
Reduct of C_attributes C_reduct = [ c 4 c18 c39 c43 c46 c49 ]
targeted of C_attributes targetValue = -6.5708
the result C_reduct =
  2  2  2  3  2  1
  5  1  1  1  1  1
  1  1  1  1  1  5
  2  2  4  4  4  2
  3  2  4  3  2  4
  2  4  2  3  2  5
  2  2  2  3  2  5
  1  1  1  1  1  5
  2  2  1  1  2  1
  1  4  1  1  1  1
  2  1  1  1  1  4
  3  2  3  3  3  2
  3  3  3  3  3  3
  2  1  3  3  3  3
  5  5  4  5  4  4
  2  2  2  3  2  3
  3  3  3  3  3  3
  1  1  1  3  4  5
  3  3  1  1  1  5
  4  1  3  3  3  2
  2  3  2  2  2  3
    
```

b. Generation Algorithm



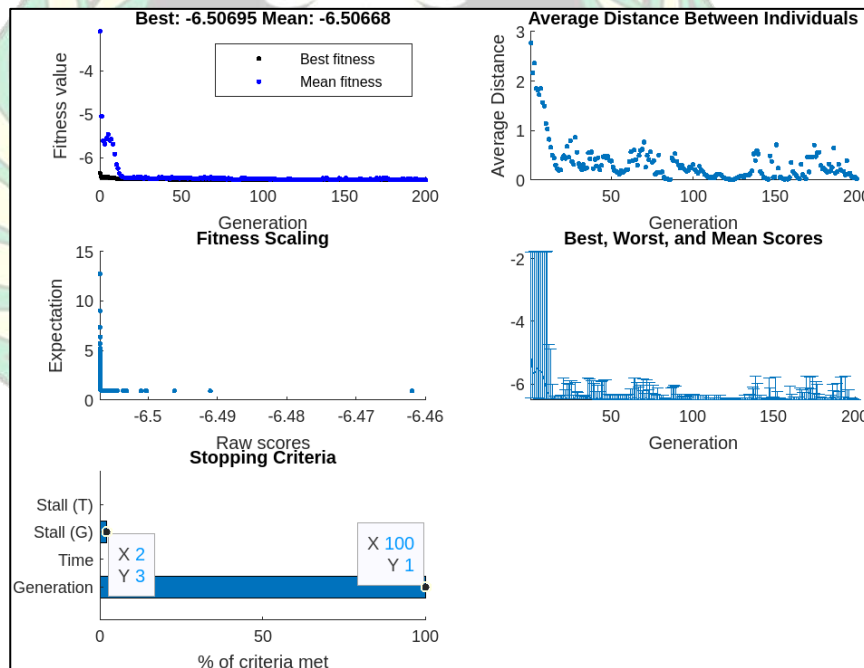
31. Generation 200 Iterasi 31

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 0
Reduct of C_attributes C_reduct = [ c 7 c17 c19 c33 c34 c53 ]
targeted of C_attributes targetValue = -6.507
the result C_reduct =
  2  2  3  2  3  3
  4  1  1  2  2  5
  2  1  1  1  1  5
  4  3  3  3  2  2
  3  1  2  3  3  3
  2  4  3  2  2  4
  2  3  3  3  2  2
  1  1  1  1  1  5
  2  1  2  2  2  1
  2  5  5  1  1  4
  1  1  1  1  1  4
  3  3  3  3  3  2
  3  3  3  3  3  3
  3  2  3  3  2  1
  5  5  5  4  5  4
  1  2  2  2  2  2
  3  3  3  3  3  3
  4  2  2  2  1  3
  3  1  3  2  1  4
  3  1  3  2  2  3
  3  2  3  2  1  2
  2  4  4  2  4  4
    
```

b. Generation Algorithm



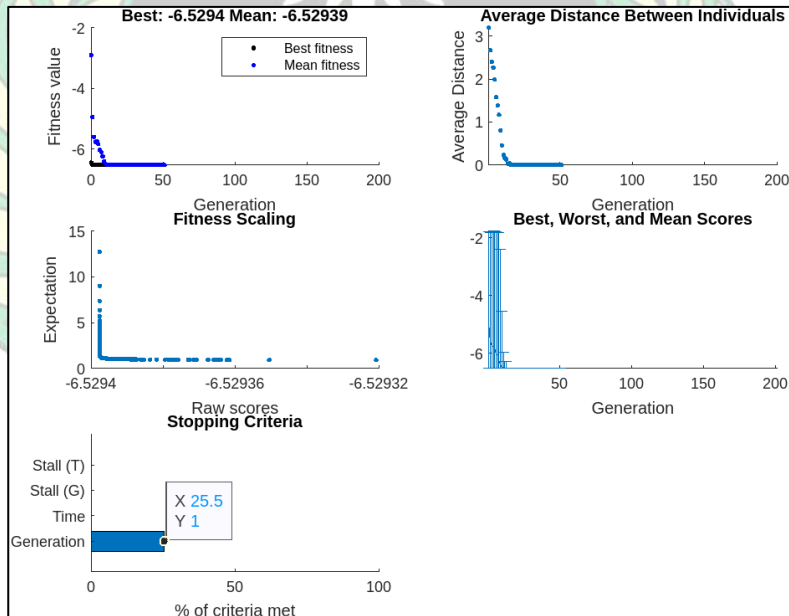
32. Generation 200 Iterasi 32

a. Result Code

```

===== result of computing =====
minimize r = [ 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0
Reduct of C_attributes C_reduct = [ c 2 c15 c22 c34 c37 c39 c57 ]
targeted of C_attributes targetValue = -6.5294
the result C_reduct =
  2  2  3  3  3  2  3
  5  5  2  2  1  1  1
  2  5  1  1  1  1  4
  2  3  4  2  4  4  4
  3  4  3  3  3  4  3
  1  4  2  2  2  2  5
  2  5  3  2  2  2  5
  1  5  1  1  1  1  5
  2  2  2  2  2  1  2
  1  5  3  1  1  1  5
  1  5  2  1  1  1  5
  2  2  3  3  3  3  3
  3  3  3  3  3  3  3
  2  4  3  2  2  3  2
  4  4  5  5  5  4  4
  2  5  2  2  2  2  3
  3  2  3  3  3  3  4
  1  4  4  1  2  1  4
  2  4  2  1  1  1  5
  3  2  4  2  3  3  4
  2  4  3  1  2  2  3
  2  4  4  4  4  4  4
  2  4  3  2  2  2  3
    
```

b. Generation Algorithm



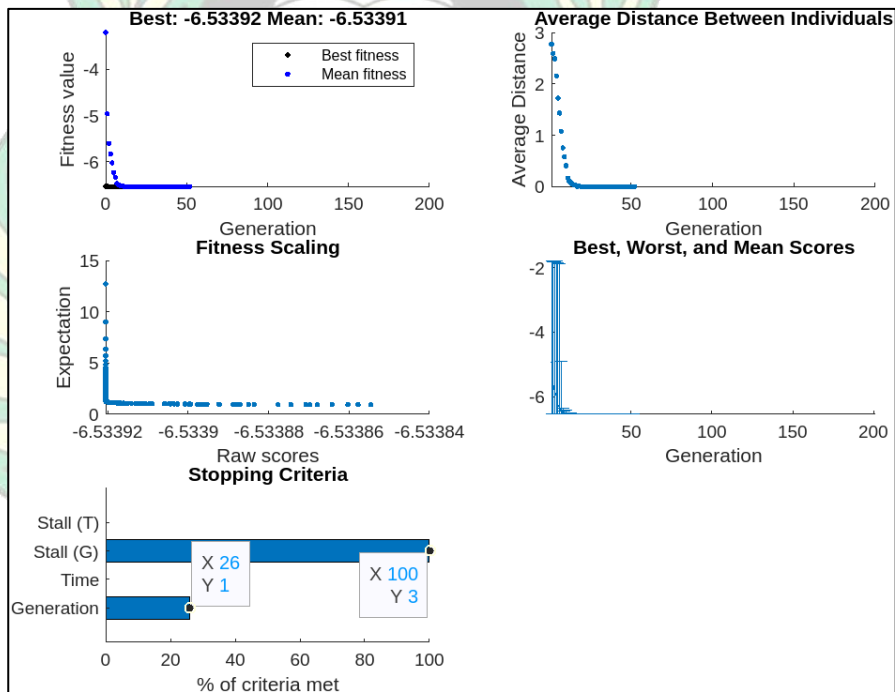
33. Generation 200 Iterasi 33

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 0 0 0 1 0 0 1 0 0 0 1 0 0 1
Reduct of C_attributes C_reduct = [ c 9 c12 c16 c19 c36 c43 c48 c54 ]
targeted of C_attributes targetValue = -6.5339
the result C_reduct =
  2  2  2  3  3  3  3  2
  4  4  5  1  1  1  1  4
  1  5  4  1  1  1  5  5
  2  3  4  3  1  4  2  5
  2  4  2  2  3  3  4  3
  2  5  4  3  1  3  3  5
  2  4  5  3  2  3  3  4
  1  5  5  1  1  1  5  5
  2  1  2  2  2  1  1  2
  2  5  5  5  1  1  1  5
  1  5  5  1  2  1  4  5
  2  3  3  3  2  3  2  2
  3  3  3  3  3  3  3  3
  2  5  4  3  2  3  3  3
  5  5  5  5  5  5  4  4
  1  5  5  2  3  3  2  3
  3  3  3  3  3  3  4  4
  2  4  5  2  2  3  5  4
    
```

b. Generation Algorithm



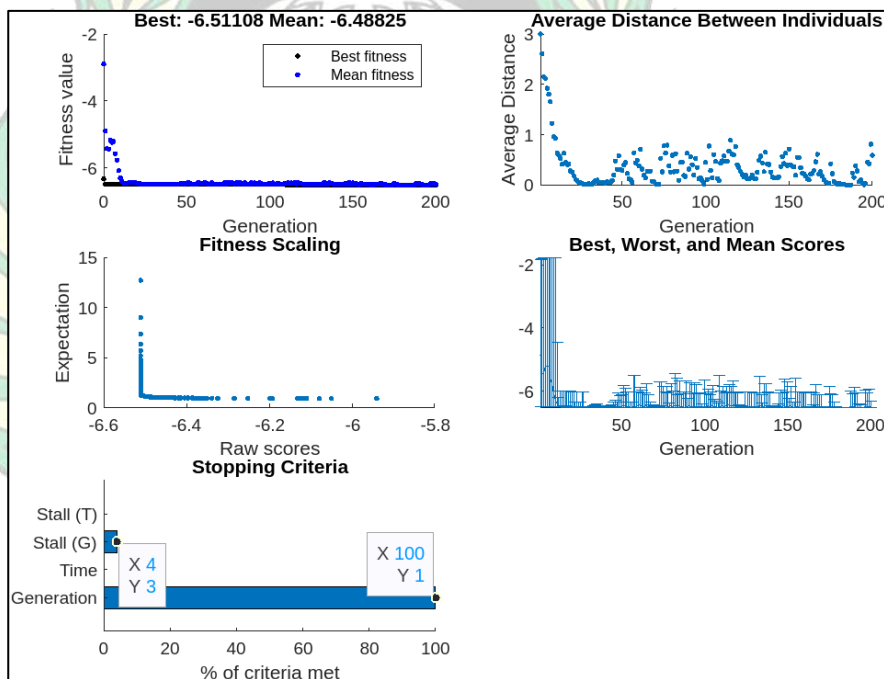
34. Generation 200 Iterasi 34

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 1
Reduct of C_attributes C_reduct = [ c 8 c16 c18 c40 c41 c58 ]
targeted of C_attributes targetValue = -6.5111
the result C_reduct =
  2  2  2  2  2  3
  4  5  1  5  1  1
  2  4  1  5  1  4
  3  4  2  4  2  2
  3  2  2  4  4  3
  2  4  4  4  2  2
  2  5  2  2  2  4
  1  5  1  1  1  5
  2  2  2  2  2  2
  3  5  4  1  1  5
  2  5  1  1  1  5
  3  3  2  2  2  2
  3  3  3  3  3  3
  3  4  1  3  2  2
  5  5  5  4  4  4
  1  5  2  2  2  3
  3  3  3  3  3  2
  4  5  1  2  2  4
    
```

b. Generation Algorithm



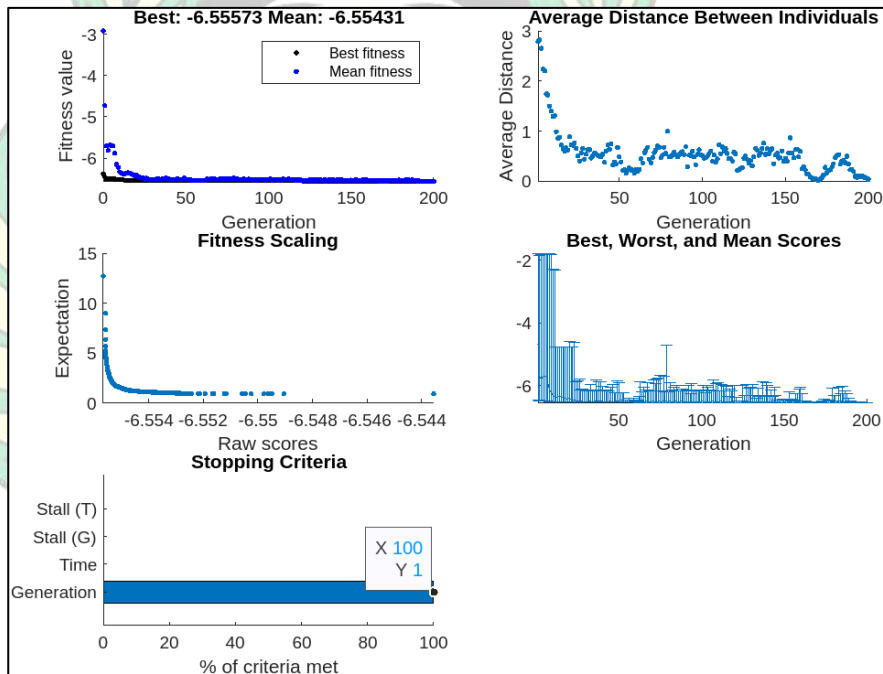
35. Generation 200 Iterasi 35

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0
Reduct of C_attributes C_reduct = [ c10 c16 c29 c37 c39 c54 ]
targeted of C_attributes targetValue = -6.5557
the result C_reduct =
  2  2  2  3  2  2
  2  5  5  1  1  4
  5  4  5  1  1  5
  1  4  3  4  4  5
  2  2  3  3  4  3
  4  4  5  2  2  5
  3  5  4  2  2  4
  5  5  5  1  1  5
  2  2  2  2  1  2
  4  5  5  1  1  5
  5  5  2  1  1  5
  3  3  3  3  3  2
  3  3  3  3  3  3
  4  4  5  2  3  3
  5  5  2  5  4  4
  5  5  2  2  2  3
  3  3  3  3  3  4
  4  5  2  2  1  4
    
```

b. Generation Algorithm



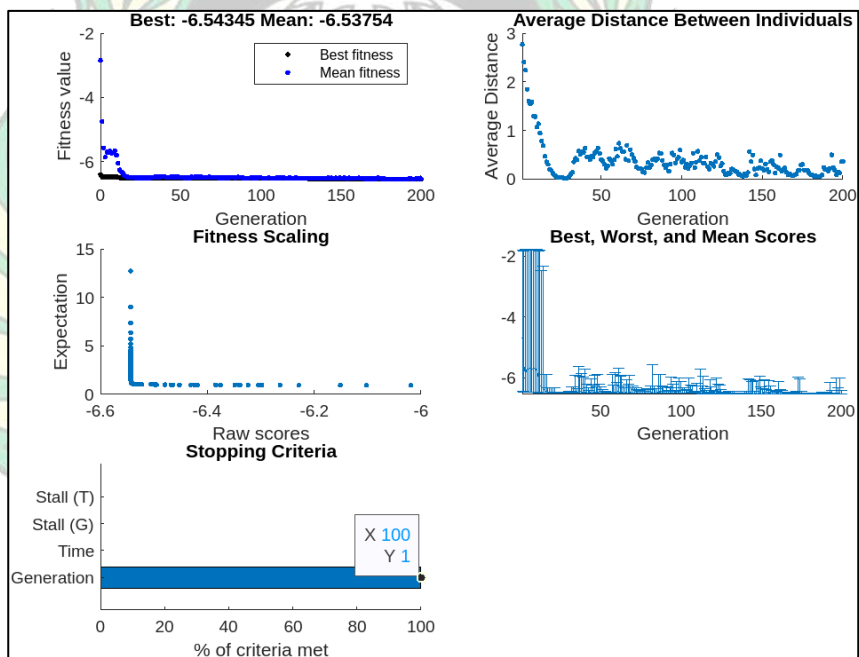
36. Generation 200 Iterasi 36

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 1 0 0 0 0 0 0 0 0 1 0 0 0 1 1
Reduct of C_attributes C_reduct = [ c 5 c13 c17 c18 c33 c39 c55 ]
targeted of C_attributes targetValue = -6.5434
the result C_reduct =
  2  2  2  2  2  2  2
  4  4  1  1  2  1  1
  1  5  1  1  1  1  5
  4  4  3  2  3  4  2
  3  3  1  2  3  4  2
  2  4  4  4  2  2  2
  1  5  3  2  3  2  2
  1  5  1  1  1  1  5
  2  2  1  2  2  1  1
  2  5  5  4  1  1  5
  2  5  1  1  1  1  4
  2  2  3  2  3  3  2
  3  3  3  3  3  3  3
  2  4  2  1  3  3  3
  5  5  5  5  4  4  4
  3  5  2  2  2  2  3
  3  3  3  3  3  3  2
  1  4  2  1  2  1  3
    
```

b. Generation Algorithm



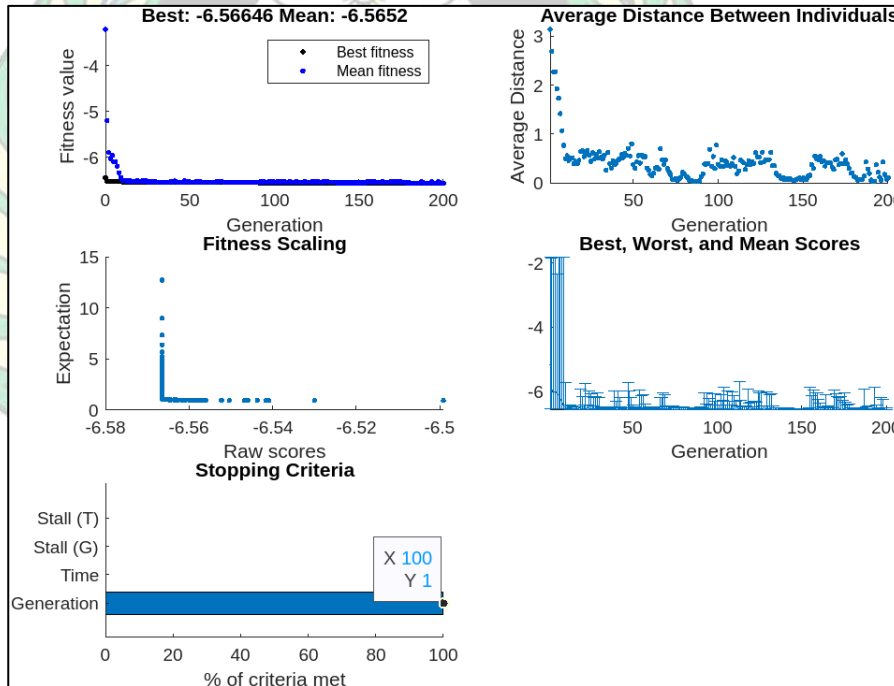
37. Generation 200 Iterasi 37

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 1 0 0 0 0 0 0 1 0 1 0 0 1
Reduct of C_attributes C_reduct = [ c 6 c13 c15 c18 c33 c39 c55 ]
targeted of C_attributes targetValue = -6.5665
the result C_reduct =
  2  2  2  2  2  2  2
  4  4  5  1  2  1  1
  2  5  5  1  1  1  5
  2  4  3  2  3  4  2
  3  3  4  2  3  4  2
  2  4  4  4  2  2  2
  2  5  5  2  3  2  2
  1  5  5  1  1  1  5
  2  2  2  2  2  1  1
  2  5  5  4  1  1  5
  2  5  5  1  1  1  4
  2  2  2  2  3  3  2
  3  3  3  3  3  3  3
  3  4  4  1  3  3  3
  5  5  4  5  4  4  4
  2  5  5  2  2  2  3
  3  3  2  3  3  3  2
  2  4  4  1  2  1  3
  3  4  4  3  2  1  2
  1  1  2  1  2  3  1
  3  3  4  3  2  2  3
    
```

b. Generation Algorithm



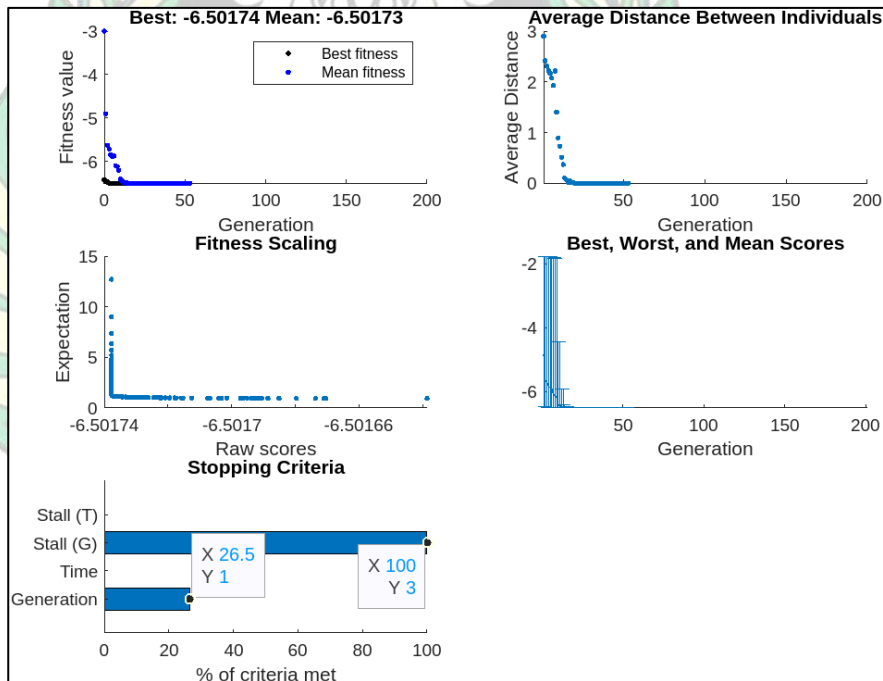
38. Generation 200 Iterasi 38

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0
Reduce of C_attributes C_reduct = [ c 7 c13 c20 c30 c45 c51 c52 c53 ]
targeted of C_attributes targetValue = -6.5017
the result C_reduct =
  2  2  3  2  2  1  1  3
  4  4  2  3  5  1  2  5
  2  5  1  1  5  5  5  5
  4  4  2  4  4  3  3  2
  3  3  3  3  2  4  4  3
  2  4  5  2  3  5  5  4
  2  5  3  2  3  4  5  2
  1  5  1  1  5  5  5  5
  2  2  2  2  2  2  2  1
  2  5  5  1  1  1  3  4
  1  5  2  1  5  5  5  4
  3  2  3  3  3  2  2  2
  3  3  3  3  3  3  3  3
  3  4  2  2  3  5  5  1
  5  5  5  4  4  4  4  4
  1  5  3  3  3  3  2  2
  3  3  2  3  3  4  4  3
  4  4  2  2  3  4  4  3
  3  4  2  2  5  5  5  4
  3  1  3  3  3  4  4  3
  3  3  2  2  3  4  5  2
    
```

b. Generation Algorithm



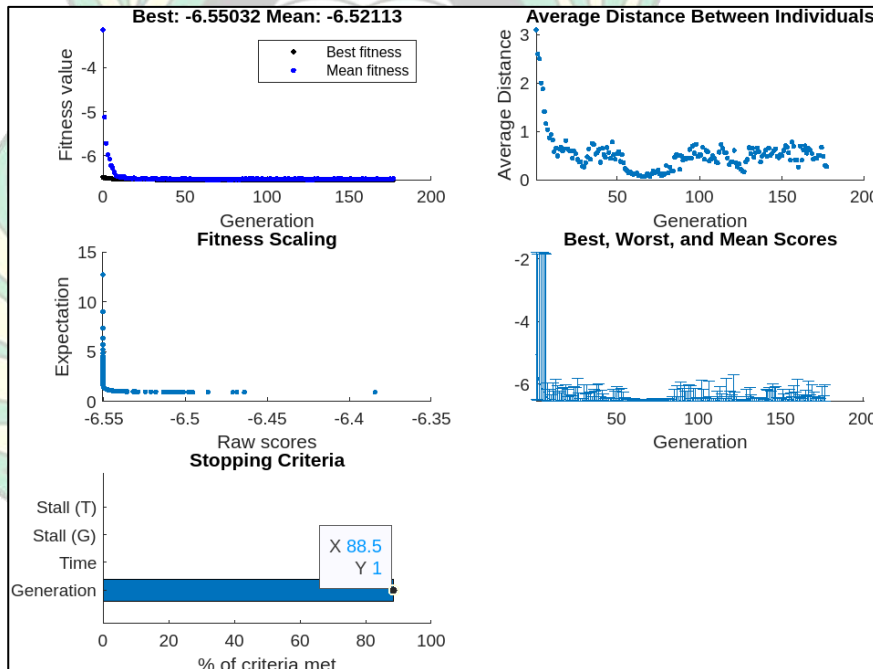
39. Generation 200 Iterasi 39

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1
Reduct of C_attributes C_reduct = [ c 4 c13 c19 c29 c35 c41 c52 ]
targeted of C_attributes targetValue = -6.5503
the result C_reduct =
  2  2  3  2  3  2  1
  5  4  1  5  2  1  2
  1  5  1  5  2  1  5
  2  4  3  3  4  2  3
  3  3  2  3  3  4  4
  2  4  3  5  2  2  5
  2  5  3  4  3  2  5
  1  5  1  5  1  1  5
  2  2  2  2  2  2  2
  1  5  5  5  1  1  3
  2  5  1  2  1  1  5
  3  2  3  3  3  2  2
  3  3  3  3  3  3  3
  2  4  3  5  2  2  5
  5  5  5  2  5  4  4
  2  5  2  2  2  2  2
  3  3  3  3  3  3  4
  1  4  2  2  2  2  4
  3  4  3  4  1  1  5
    
```

b. Generation Algoritma



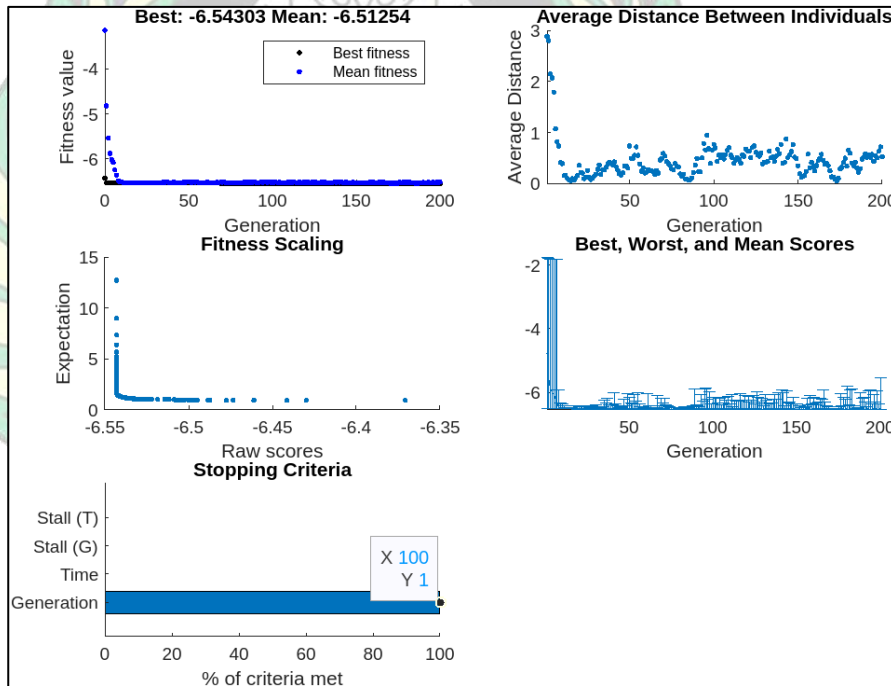
40. Generation 200 Iterasi 40

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 1 0
Reduct of C_attributes C_reduct = [ c 6 c10 c17 c35 c41 c49 c52 ]
targeted of C_attributes targetValue = -6.5581
the result C_reduct =
  2  2  2  3  2  1  1
  4  2  1  2  1  1  2
  2  5  1  2  1  5  5
  2  1  3  4  2  2  3
  3  2  1  3  4  4  4
  2  4  4  2  2  5  5
  2  3  3  3  2  5  5
  1  5  1  1  1  5  5
  2  2  1  2  2  1  2
  2  4  5  1  1  1  3
  2  5  1  1  1  4  5
  2  3  3  3  2  2  2
  3  3  3  3  3  3  3
  3  4  2  2  2  3  5
  5  5  5  5  4  4  4
  2  5  2  2  2  3  2
  3  3  3  3  3  3  4
  2  4  2  2  2  5  4
  3  4  1  1  1  5  5
    
```

b. Generation Algorithm



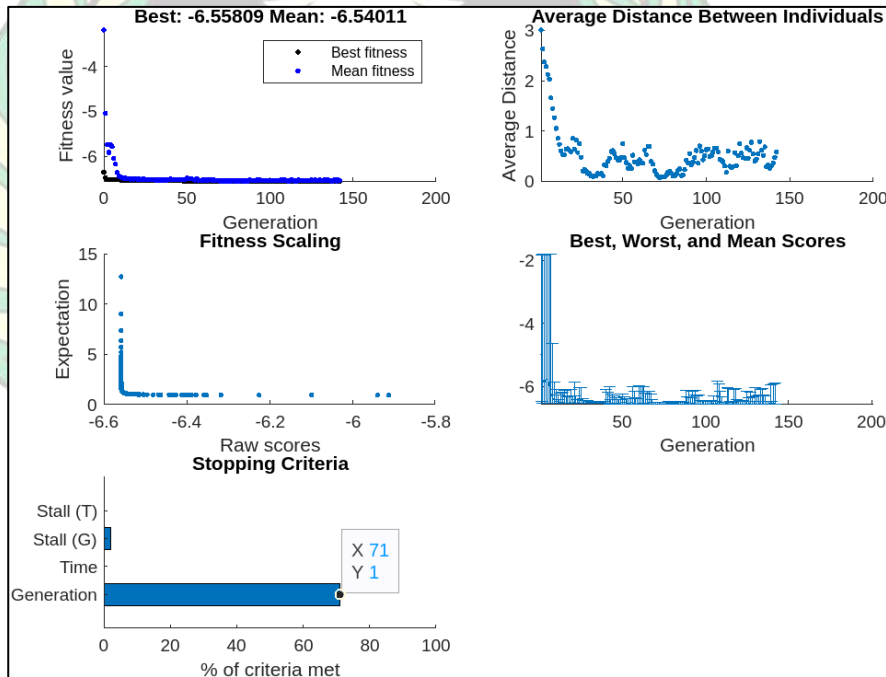
41. Generation 200 Iterasi 41

a. Resul Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0
Reduct of C_attributes C_reduct = [ c14 c16 c40 c43 c46 c50 c57 ]
targeted of C_attributes targetValue = -6.543
the result C_reduct =
  2  2  2  3  2  3  3
  4  5  5  1  1  5  1
  5  4  5  1  1  5  4
  3  4  4  4  4  4  4
  3  2  4  3  2  5  3
  4  4  4  3  2  5  5
  5  5  2  3  2  5  5
  5  5  1  1  1  5  5
  2  2  2  1  2  2  2
  5  5  1  1  1  1  5
  4  5  1  1  1  5  5
  2  3  2  3  3  3  3
  3  3  3  3  3  3  3
  5  4  3  3  3  5  2
  5  5  4  5  4  4  4
  4  5  2  3  2  2  3
  3  3  3  3  3  3  4
  4  5  2  3  4  4  4
  4  5  4  1  1  5  5
  4  2  4  3  3  4  4
  4  5  4  2  2  4  3
  
```

b. Generation Algorithm



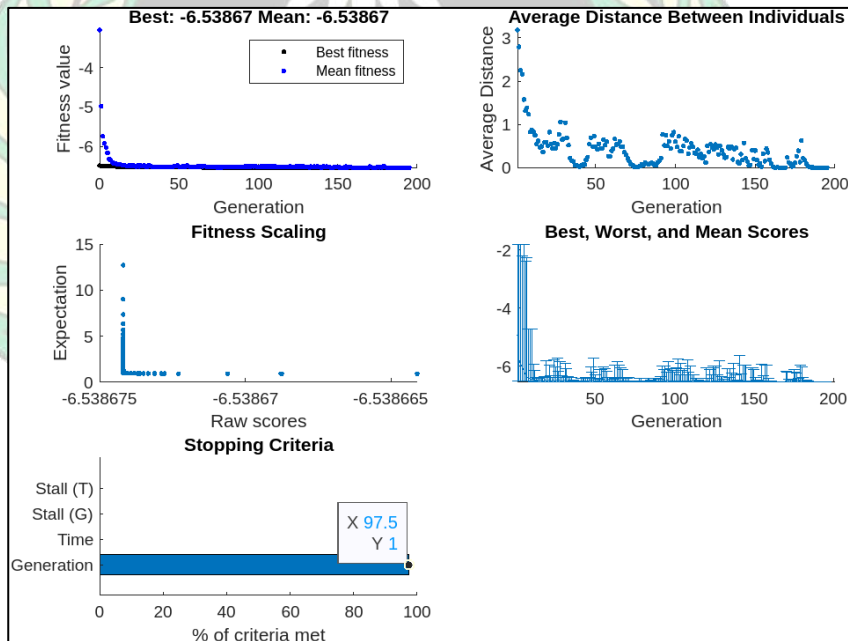
42. Generation 200 Iterasi 42

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0
Reduct of C_attributes C_reduct = [ c 9 c10 c19 c25 c43 c55 c58 ]
targeted of C_attributes targetValue = -6.5387
the result C_reduct =
  2  2  3  3  3  2  3
  4  2  1  1  1  1  1
  1  5  1  1  1  5  4
  2  1  3  2  4  2  2
  2  2  2  3  3  2  3
  2  4  3  2  3  2  2
  2  3  3  2  3  2  4
  1  5  1  1  1  5  5
  2  2  2  2  1  1  2
  2  4  5  1  1  5  5
  1  5  1  1  1  4  5
  2  3  3  2  3  2  2
  3  3  3  3  3  3  3
  2  4  3  1  3  3  2
  5  5  5  5  5  4  4
  1  5  2  1  3  3  3
  3  3  3  2  3  2  2
  2  4  2  2  3  3  4
  2  4  3  2  1  2  4
  2  1  3  2  3  1  2
  2  4  3  2  2  3  3
    
```

b. Generation Algorithm



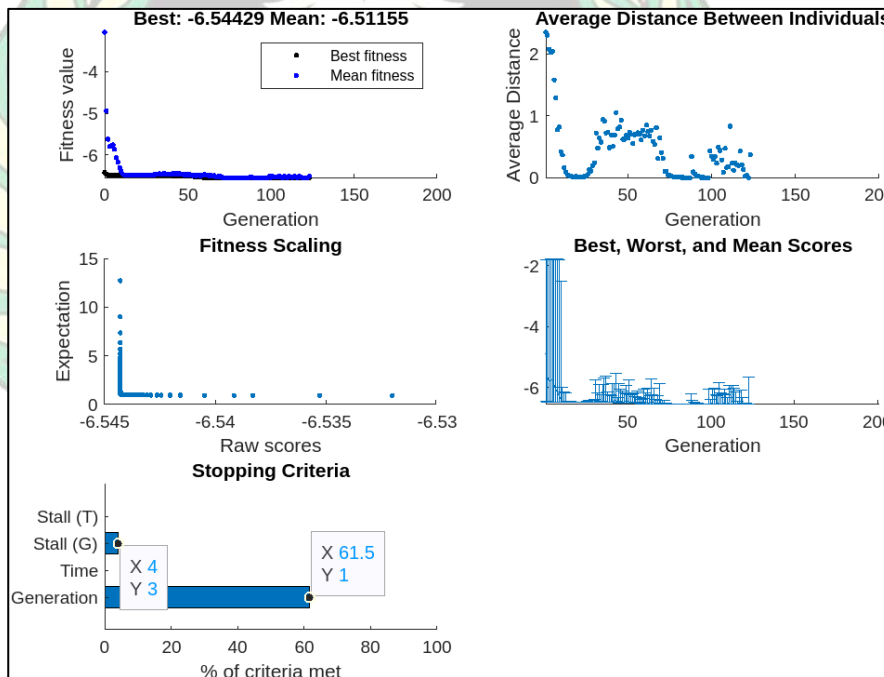
43. Generation 200 Iterasi 43

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0
Reduct of C_attributes C_reduct = [ c 5 c13 c25 c41 c49 c58 ]
targeted of C_attributes targetValue = -6.5443
the result C_reduct =
  2  2  3  2  1  3
  4  4  1  1  1  1
  1  5  1  1  5  4
  4  4  2  2  2  2
  3  3  3  4  4  3
  2  4  2  2  5  2
  1  5  2  2  5  4
  1  5  1  1  5  5
  2  2  2  2  1  2
  2  5  1  1  1  5
  2  5  1  1  4  5
  2  2  2  2  2  2
  3  3  3  3  3  3
  2  4  1  2  3  2
  5  5  5  4  4  4
  3  5  1  2  3  3
  3  3  2  3  3  2
  1  4  2  2  5  4
  3  4  2  1  5  4
  2  1  2  4  2  2
  2  3  2  2  3  3
    
```

b. Generation Algorithm



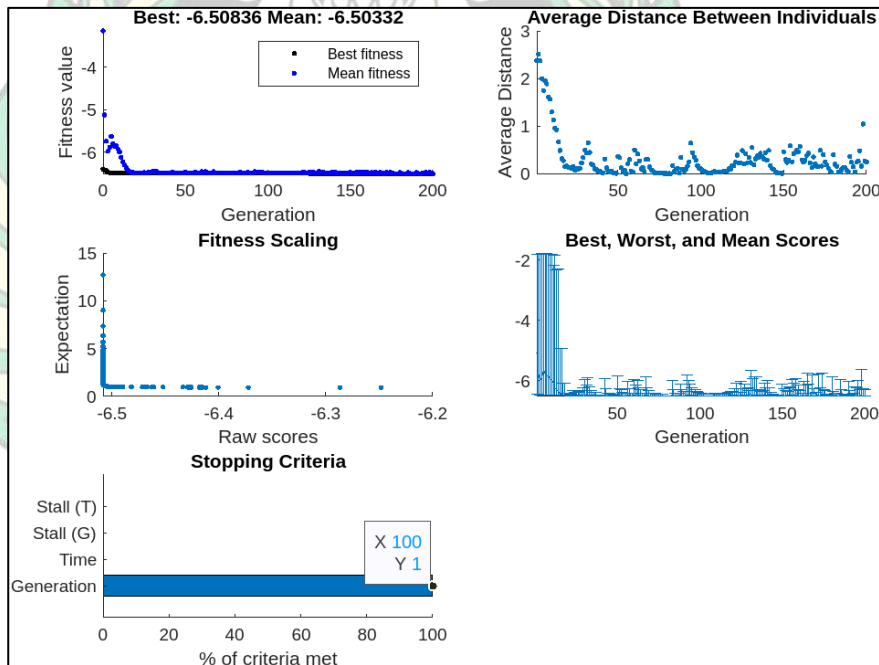
44. Generation 200 Iterasi 44

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 ]
Reduct of C_attributes C_reduct = [ c 6 c 7 c10 c23 c38 c44 c48 ]
targeted of C_attributes targetValue = -6.5084
the result C_reduct =
  2  2  2  2  3  2  3
  4  4  2  2  1  1  1
  2  2  5  1  1  1  5
  2  4  1  3  4  2  2
  3  3  2  2  3  3  4
  2  2  4  2  2  3  3
  2  2  3  2  4  3  3
  1  1  5  1  1  1  5
  2  2  2  2  2  2  1
  2  2  4  2  1  1  1
  2  1  5  1  1  1  4
  2  3  3  2  2  3  2
  3  3  3  3  3  3  3
  3  3  4  2  3  3  3
  5  5  5  5  5  5  4
  2  1  5  3  2  2  2
  3  3  3  3  3  3  4
  2  4  4  2  2  2  5
  3  3  4  2  1  1  5
  1  3  1  1  2  4  3
    
```

b. Generation Algorithm



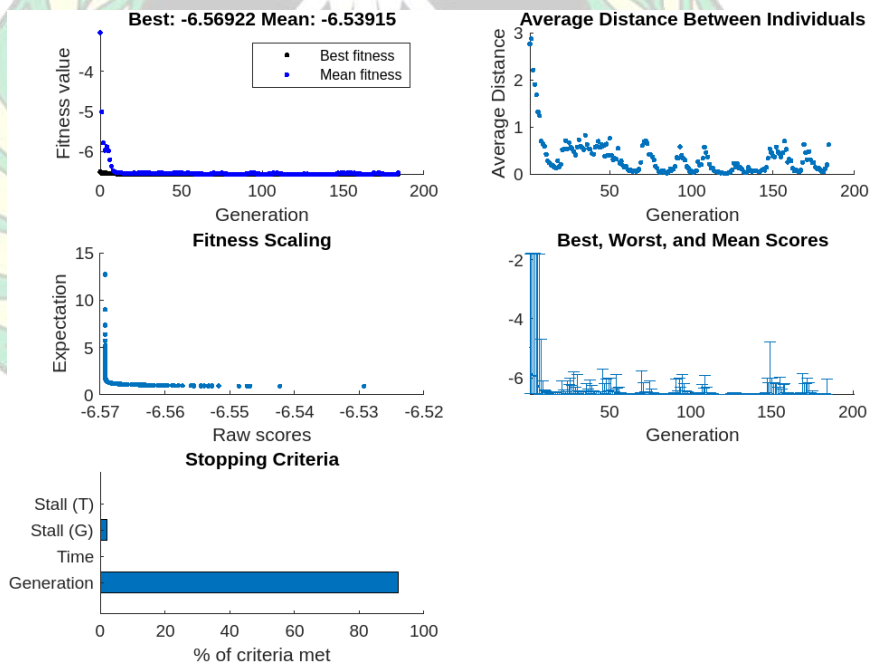
45. Generation 200 Iterasi 45

a. Result Code

```

===== result of computing =====
minimize r = [ 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0
Reduct of C_attributes C_reduct = [ c 2 c 5 c16 c46 c52 c55 ]
targeted of C_attributes targetValue = -6.5692
the result C_reduct =
  2  2  2  2  1  2
  5  4  5  1  2  1
  2  1  4  1  5  5
  2  4  4  4  3  2
  3  3  2  2  4  2
  1  2  4  2  5  2
  2  1  5  2  5  2
  1  1  5  1  5  5
  2  2  2  2  2  1
  1  2  5  1  3  5
  1  2  5  1  5  4
  2  2  3  3  2  2
  3  3  3  3  3  3
  2  2  4  3  5  3
  4  5  5  4  4  4
  2  3  5  2  2  3
  3  3  3  3  4  2
  1  1  5  4  4  3
  2  3  5  1  5  2
  3  2  2  3  4  1
  2  2  5  2  5  3
  2  2  4  2  4  2
    
```

b. Generation Algorithm



46. Generation 200 Iterasi 46

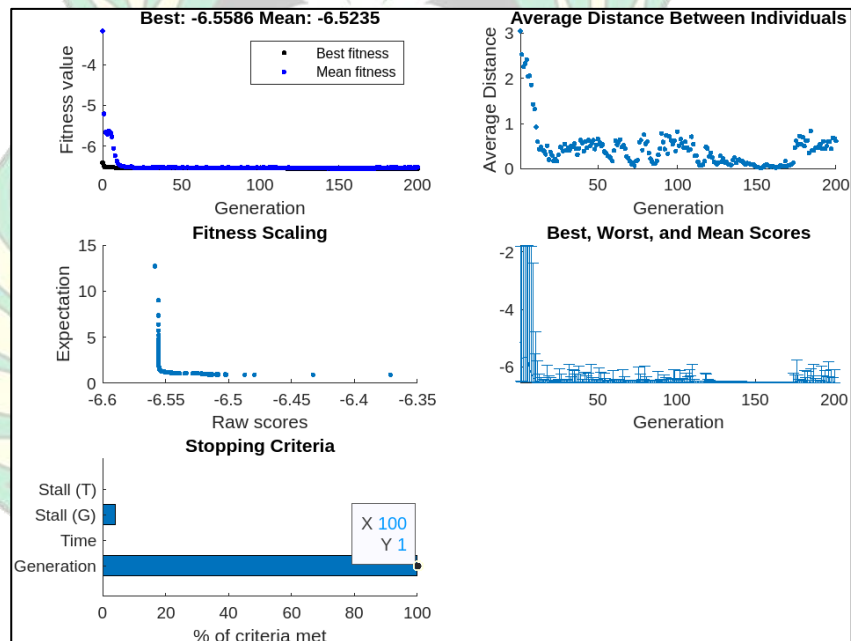
a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0 1 0 0
Reduce of C_attributes C_reduct = [ c 6 c10 c16 c22 c43 c48 c55 ]
targeted of C_attributes targetValue = -6.5586
the result C_reduct =
  2  2  2  3  3  3  2
  4  2  5  2  1  1  1
  2  5  4  1  1  5  5
  2  1  4  4  4  2  2
  3  2  2  3  3  4  2
  2  4  4  2  3  3  2
  2  3  5  3  3  3  2
  1  5  5  1  1  5  5
  2  2  2  2  1  1  1
  2  4  5  3  1  1  5
  2  5  5  2  1  4  4
  2  3  3  3  3  2  2
  3  3  3  3  3  3  3
  3  4  4  3  3  3  3
  5  5  5  5  5  4  4
  2  5  5  2  3  2  3
  3  3  3  3  3  4  2
  2  4  5  4  3  5  3

```

b. Generation Algorithm



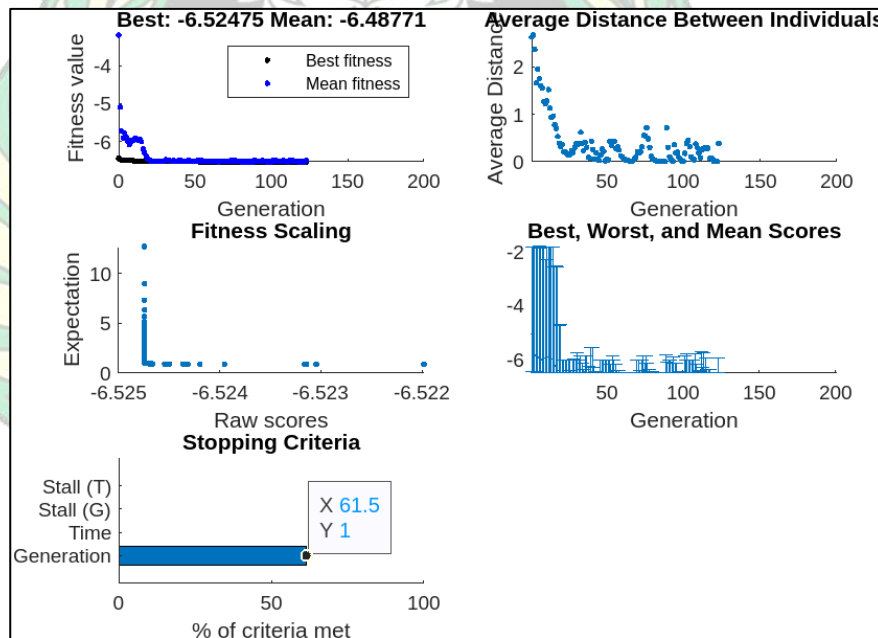
47. Generation 200 Iterasi 47

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0
Reduct of C_attributes C_reduct = [ c13 c21 c27 c39 c48 c56 ]
targeted of C_attributes targetValue = -6.5247
the result C_reduct =
  2  3  2  2  3  2
  4  3  2  1  1  5
  5  1  1  1  5  5
  4  2  2  4  2  3
  3  3  3  4  4  2
  4  2  2  2  3  5
  5  2  4  2  3  5
  5  1  1  1  5  5
  2  2  2  1  1  2
  5  1  1  1  1  5
  5  2  1  1  4  5
  2  2  2  3  2  2
  3  3  3  3  3  3
  4  1  2  3  3  3
  5  5  3  4  4  4
  5  2  2  2  2  3
  3  3  3  3  4  4
  4  2  2  1  5  4
  4  2  2  1  5  5
  1  3  3  3  3  1
    
```

b. Generation Algorithm



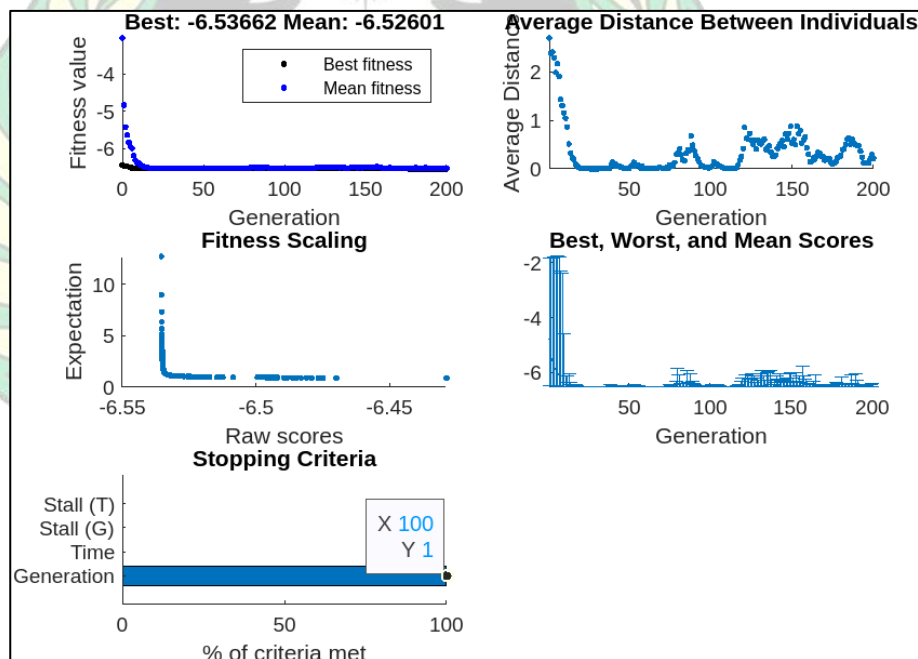
48. Generation 200 Iterasi 48

a. Result Code

```

===== result of computing =====
minimize r = [ 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0
Reduct of C_attributes C_reduct = [ c 1 c10 c29 c37 c44 c47 c55 ]
targeted of C_attributes targetValue = -6.5366
the result C_reduct =
  2  2  2  3  2  2  2
  5  2  5  1  1  2  1
  1  5  5  1  1  1  5
  3  1  3  4  2  2  2
  3  2  3  3  3  2  2
  2  4  5  2  3  2  2
  1  3  4  2  3  2  2
  1  5  5  1  1  1  5
  2  2  2  2  2  2  1
  1  4  5  1  1  1  5
  2  5  2  1  1  1  4
  3  3  3  3  3  3  2
  3  3  3  3  3  3  3
  2  4  5  2  3  3  3
  5  5  2  5  5  4  4
  2  5  2  2  2  3  3
  2  3  3  3  3  3  2
  2  4  2  2  2  4  3
  2  4  4  1  1  1  2
  2  1  3  3  4  4  1
  
```

b. Generation Algorithm



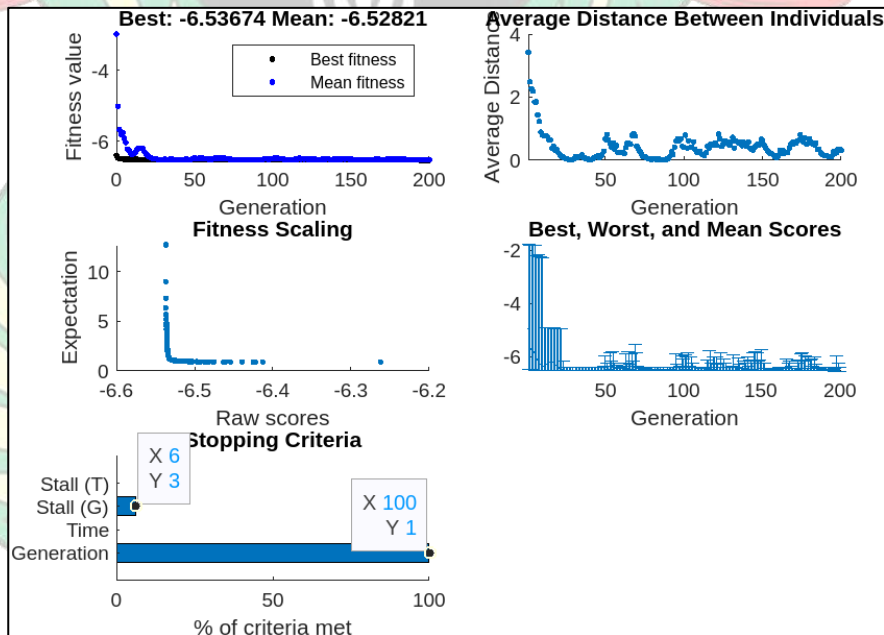
49. Generation 200 Iterasi 49

a. Result Code

```

===== result of computing =====
minimize r = [ 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0
Reduce of C_attributes C_reduct = [ c11 c13 c34 c42 c44 c49 c57 ]
targeted of C_attributes targetValue = -6.5367
the result C_reduct =
  2  2  3  3  2  1  3
  2  4  2  1  1  1  1
  4  5  1  1  1  5  4
  2  4  2  4  2  2  4
  2  3  3  4  3  4  3
  4  4  2  2  3  5  5
  4  5  2  3  3  5  5
  5  5  1  1  1  5  5
  2  2  2  2  2  1  2
  4  5  1  1  1  1  5
  5  5  1  1  1  4  5
  2  2  3  3  3  2  3
  3  3  3  3  3  3  3
  4  4  2  3  3  3  2
  5  5  5  5  5  4  4
  4  5  2  2  2  3  3
  3  3  3  3  3  3  4
    
```

b. Generation Algorithm



50. Generation 200 Iterasi 50

a. Result Code

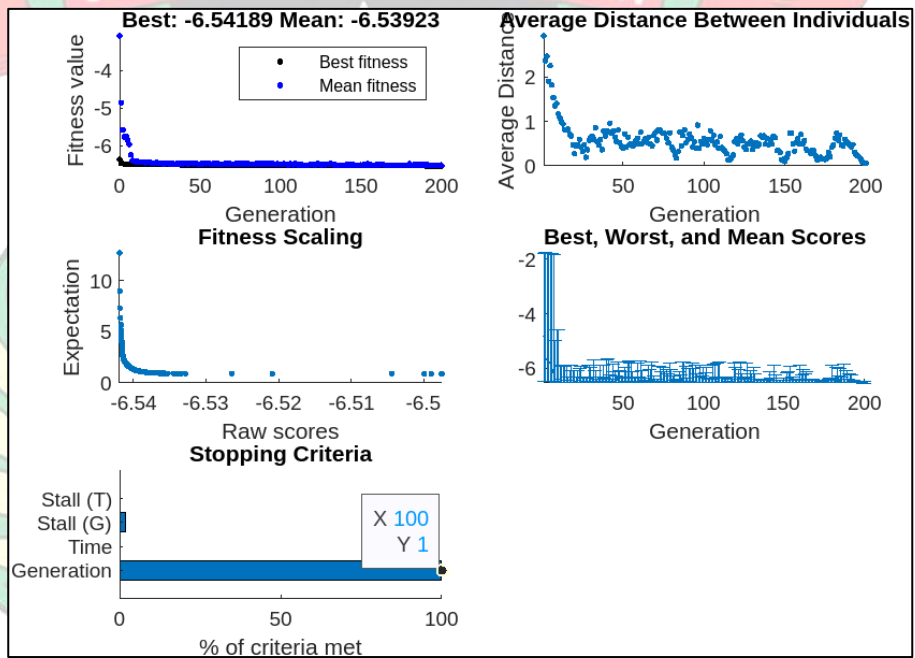
```

===== result of computing =====
minimize r = [ 0 0 1 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0
Reduct of C_attributes C_reduct = [ c 3 c 5 c10 c28 c43 c48 c56 ]
targeted of C_attributes targetValue = -6.5419
the result C_reduct =
  Column 1

    2
    4
    2
    2
    3
    2
    2
    1
    2
    1
    1
    1

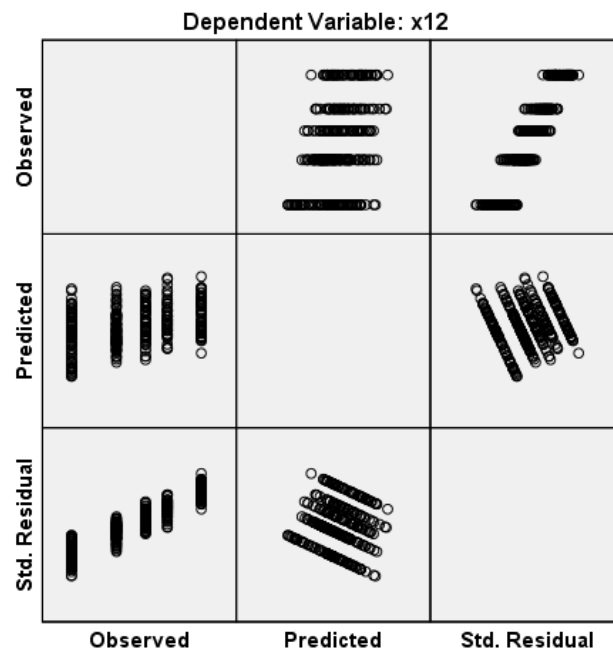
```

b. Generation Algorithm



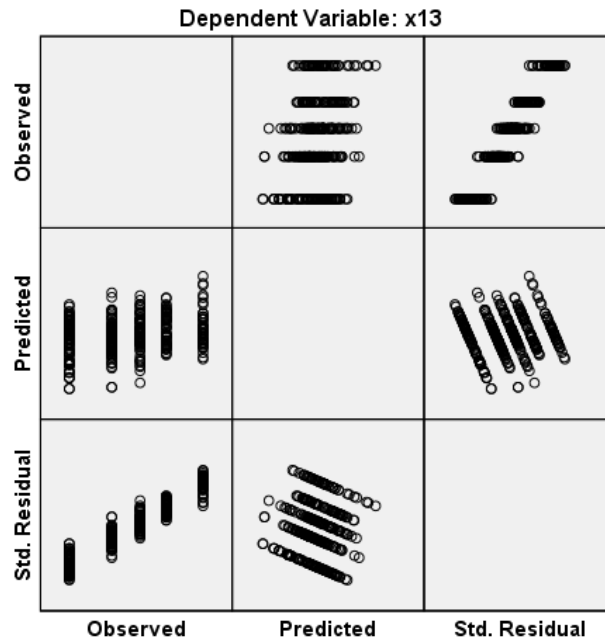
Lampiran 3. Hasil Observerd Predicted

1. Dependen Variabel : x12



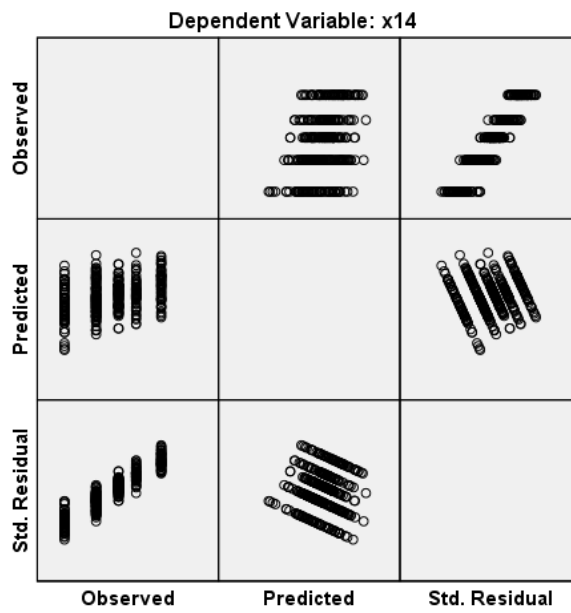
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

2. Dependen Variabel: x13



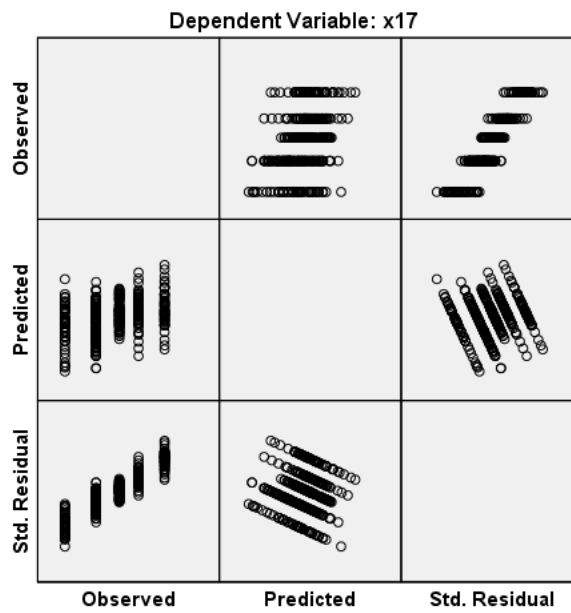
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

3. Dependen Variabel : x14



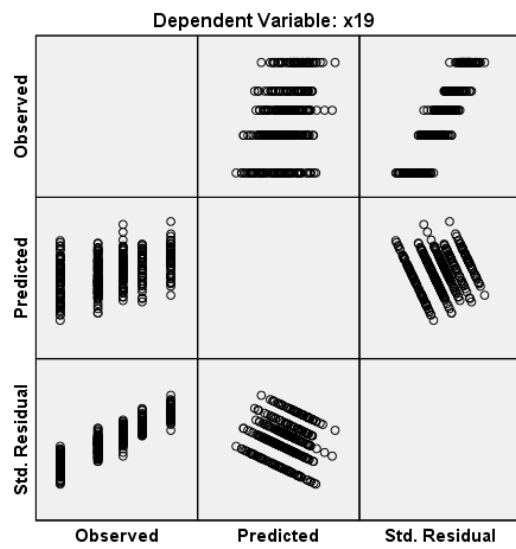
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

4. Dependen Variabel : x17



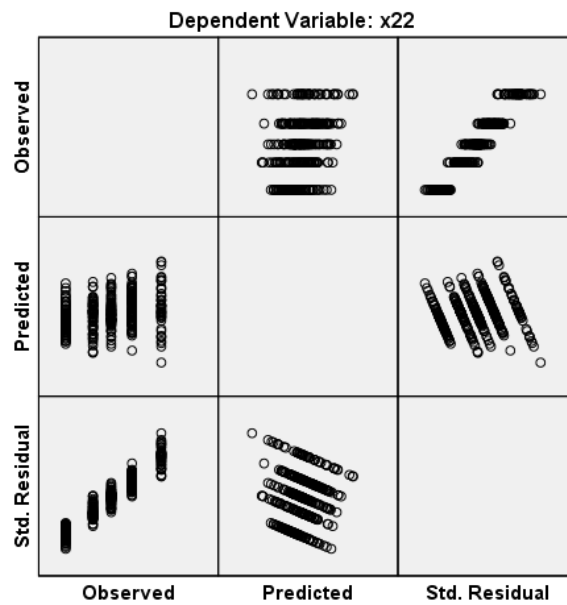
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

5. Dependen Variabel : x19



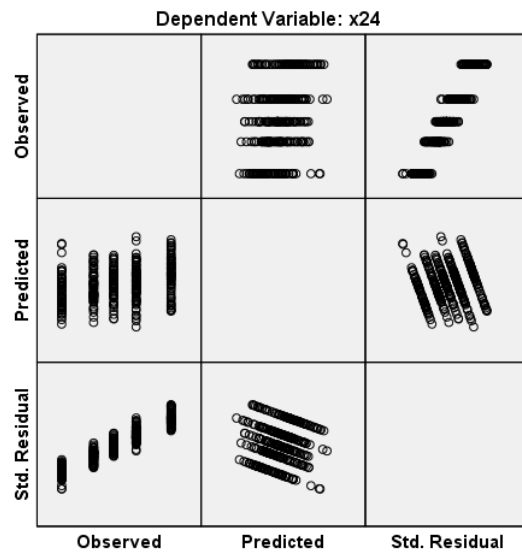
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

6. Dependen Variabel x22



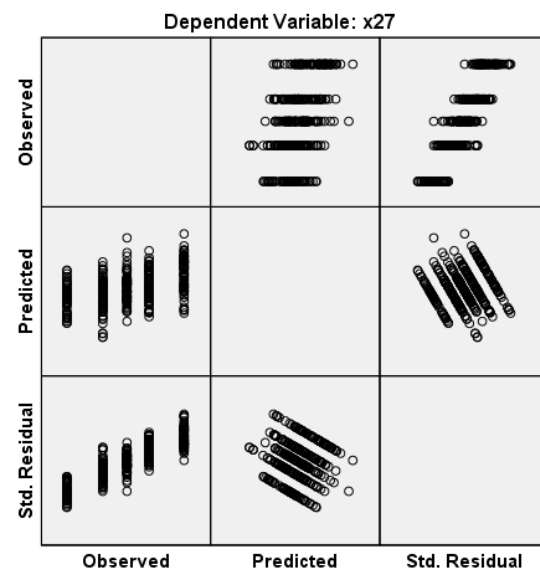
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

7. Dependen Variabel x24



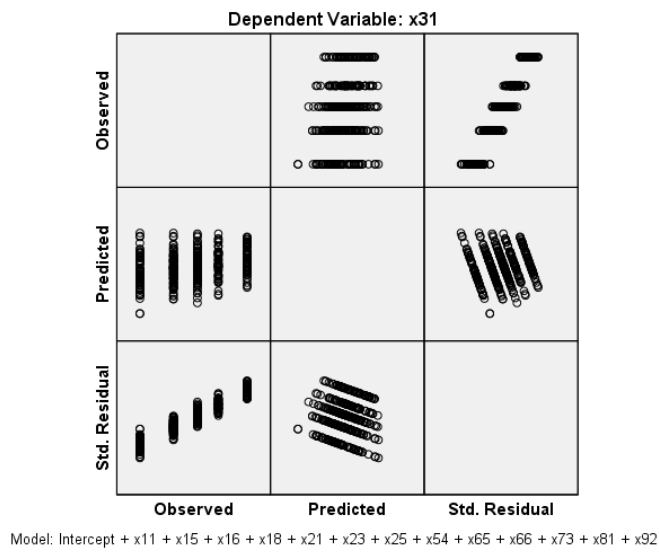
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

8. Dependen Variabel x27

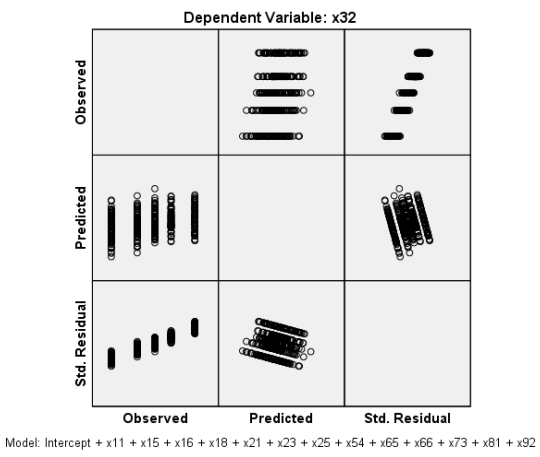


Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

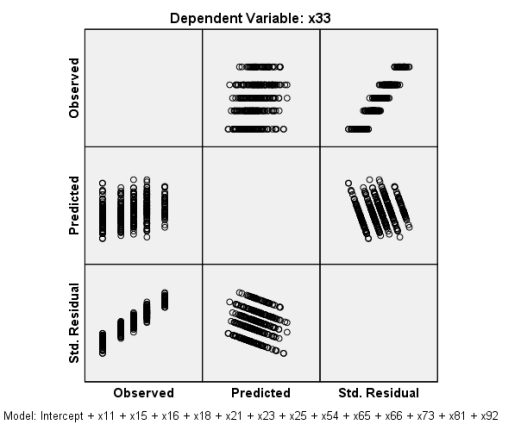
9. Dependen Variabel x31



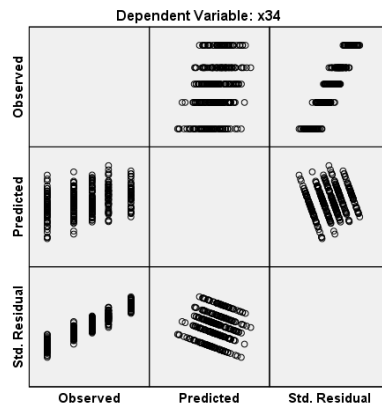
10. Dependen Variabel x32



11. Dependen Variabel x33

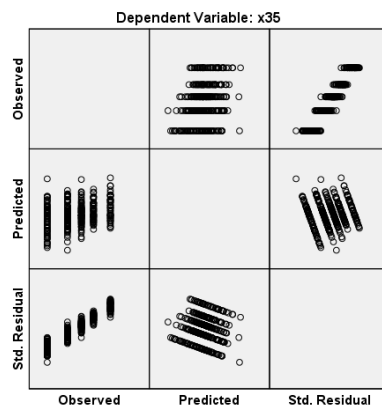


12. Dependen Variabel x34



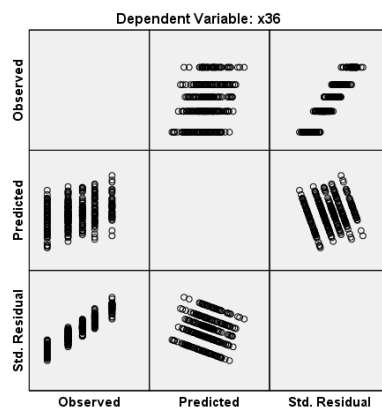
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

13. Dependen Variabel x35



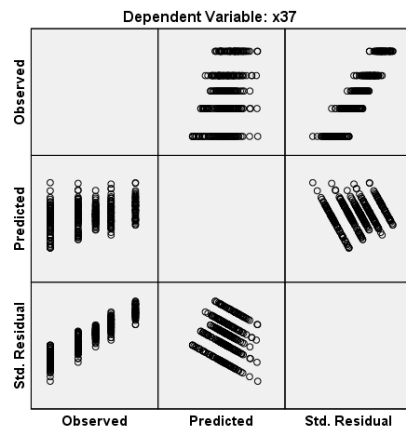
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

14. Dependen Variabel x36



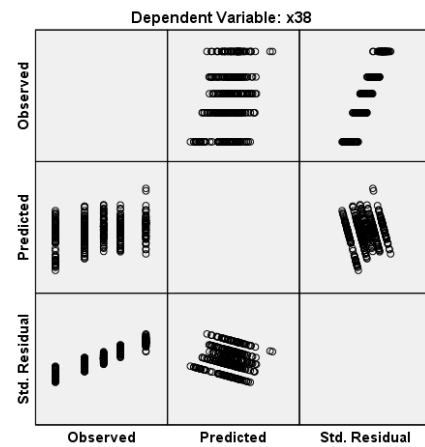
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

15. Dependen Variabel x37



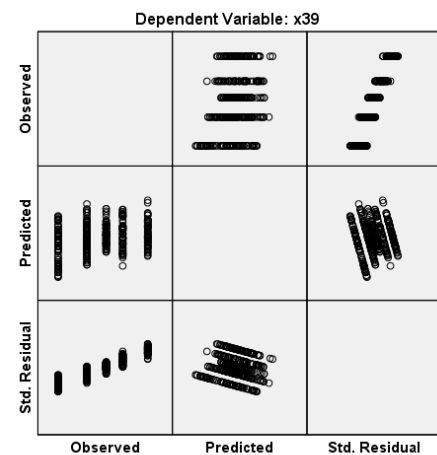
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

16. Dependen Variabel x38



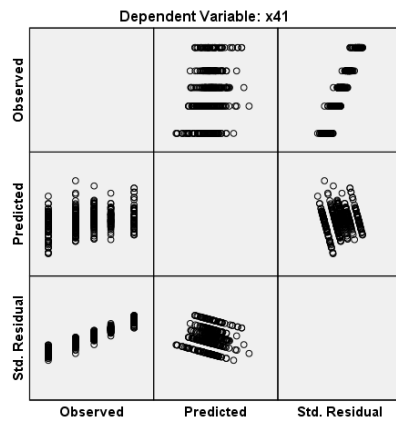
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

17. Dependen Variabel x39



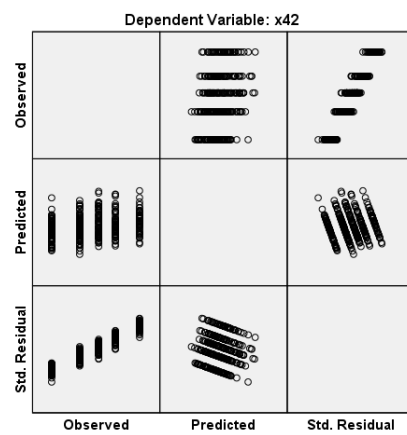
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

18. Dependen Variabel x41



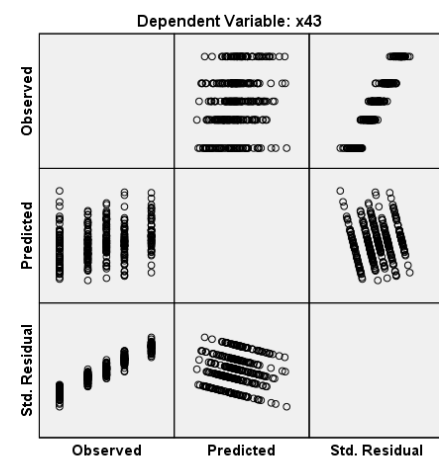
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

19. Dependen Variabel x42



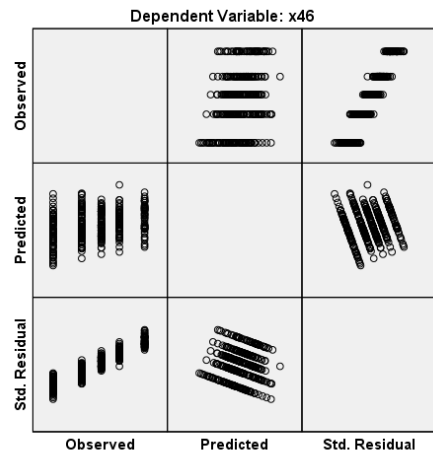
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

20. Dependen Variabel x43



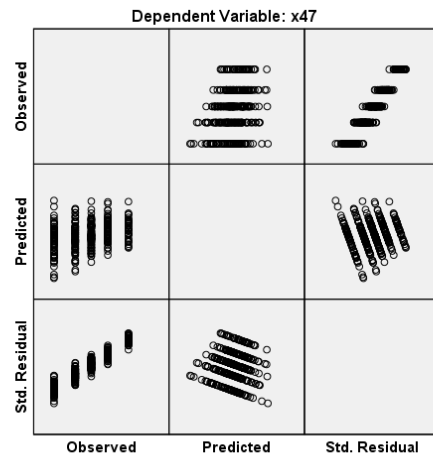
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

21. Dependen Variabel x46



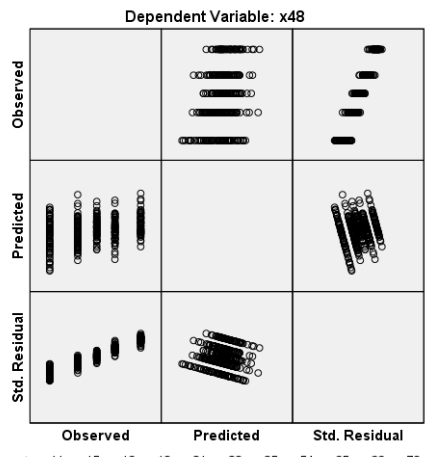
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

22. Dependen Variabel x47



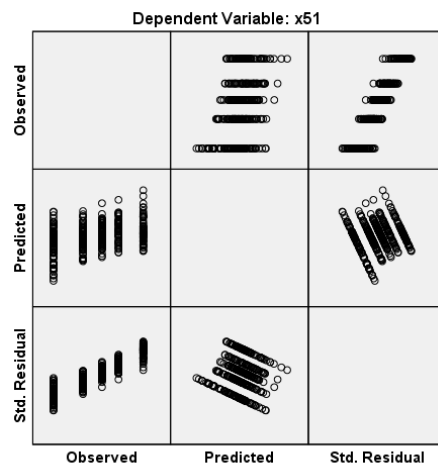
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

23. Dependen Variabel x48



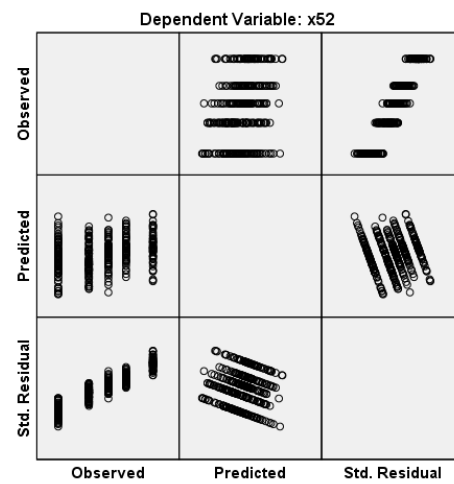
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

24. Dependen Variabel x51



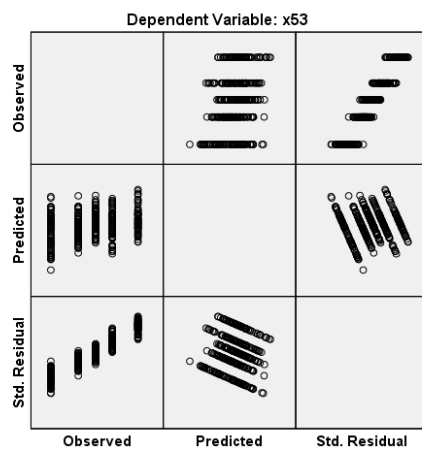
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

25. Dependen Variabel x52



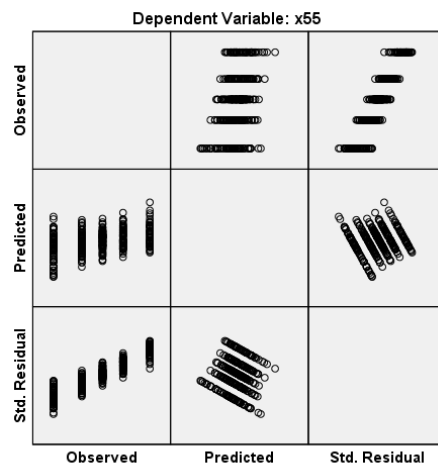
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

26. Dependen Variabel x53



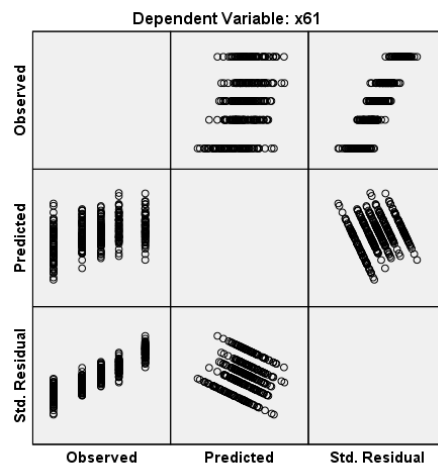
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

27. Dependen Variabel x55



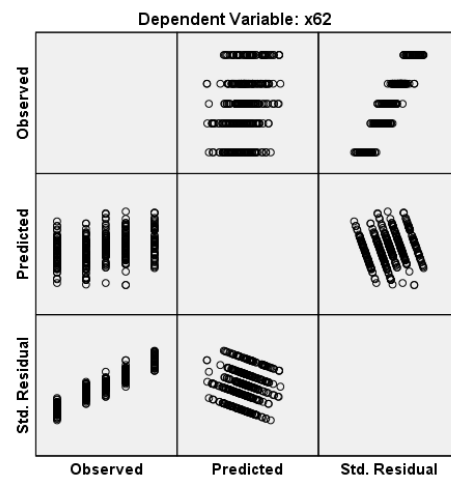
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

28. Dependen Variabel x61



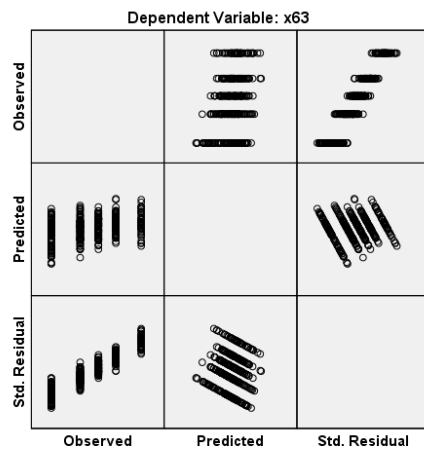
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

29. Dependen Variabel x62



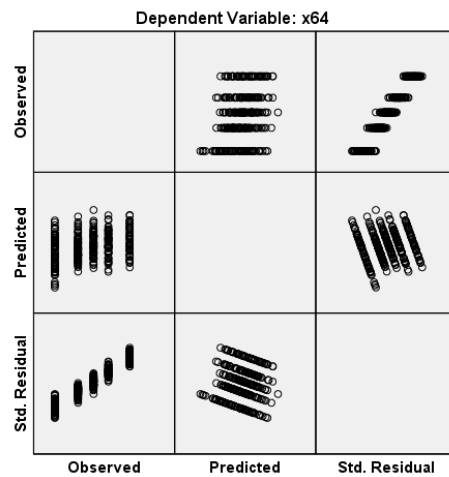
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

30. Dependen Variabel x63



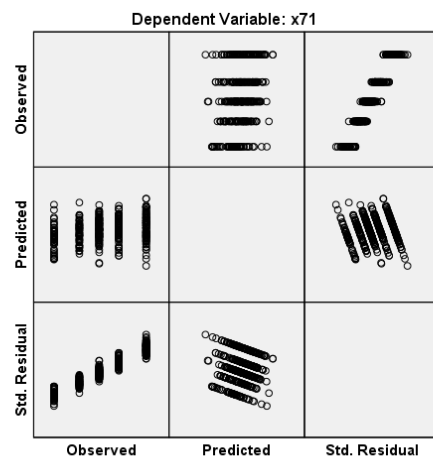
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

31. Dependen Variabel x64



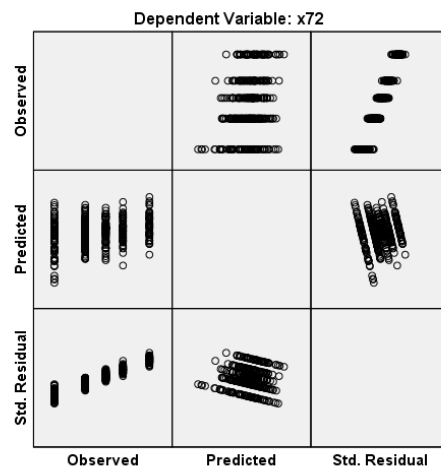
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

32. Dependen Variabel x71



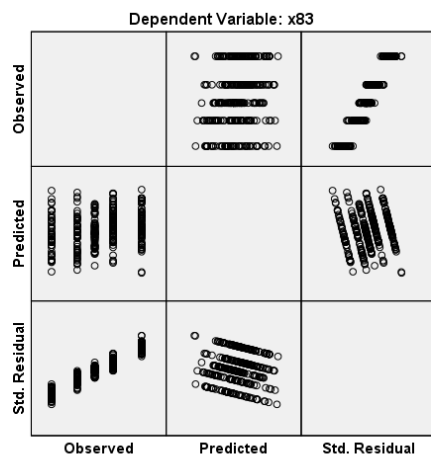
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

33. Dependen Variabel x72



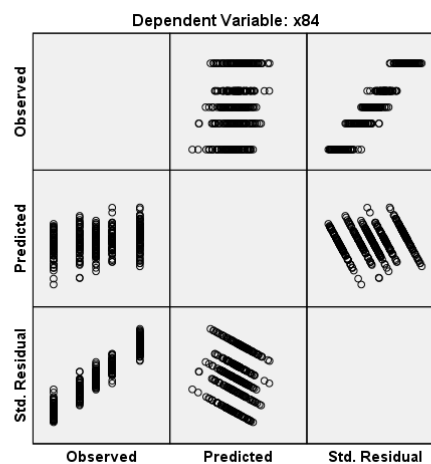
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

34. Dependen Variabel x83



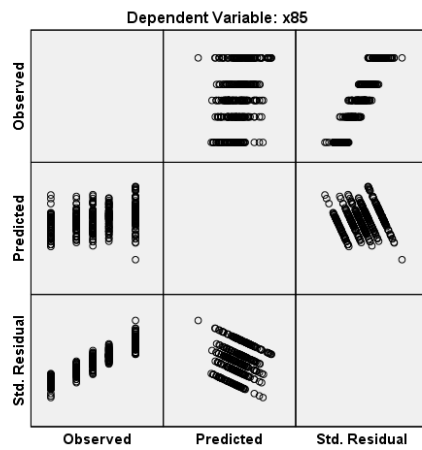
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

35. Dependen Variabel x84



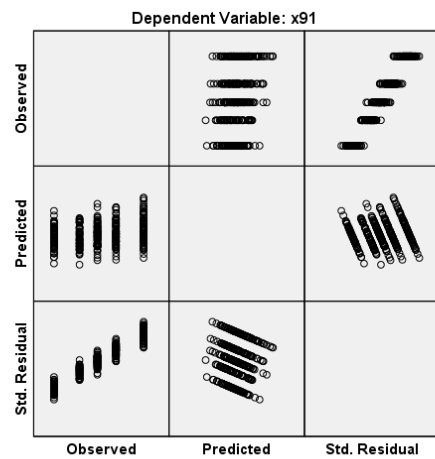
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

36. Dependen Variabel x85



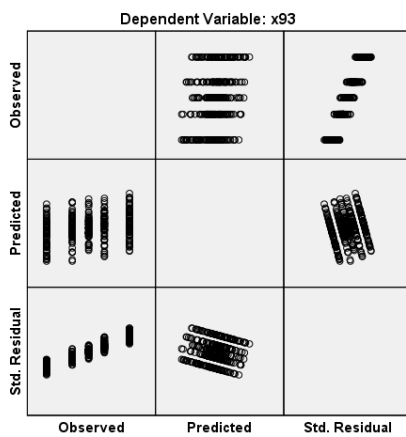
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

37. Dependen Variabel x91



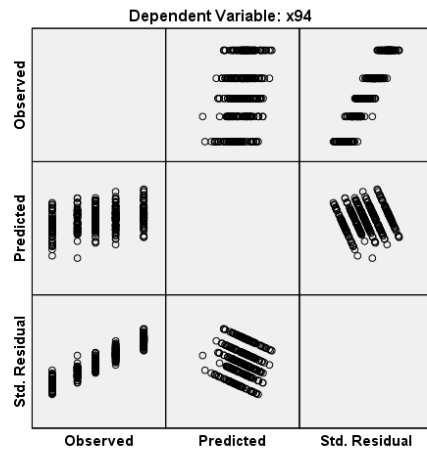
Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

38. Dependen Variabel x93



Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

39. Dependen Variabel x94



Model: Intercept + x11 + x15 + x16 + x18 + x21 + x23 + x25 + x54 + x65 + x66 + x73 + x81 + x92

