

```

NEW FILE.
DATASET NAME DataSet1 WINDOW=FRONT.
GET DATA /TYPE=XLSM
  /FILE='D:\THERE ARE MANY BENEFITS TO BEING A MARINE BIOLOGIST\Systematics OT
U\OTU midterm.xlsm'
  /SHEET=name 'Sheet1'
  /CELLRANGE=full
  /READNAMES=on
  /ASSUMEDSTRWIDTH=32767.
EXECUTE.
DATASET NAME DataSet2 WINDOW=FRONT.
DATASET ACTIVATE DataSet2.
DATASET CLOSE DataSet1.

SAVE OUTFILE='D:\THERE ARE MANY BENEFITS TO BEING A MARINE BIOLOGIST\Systemati
cs OTU\midterm otu '+'
  '1.sav'
  /COMPRESSED.
CLUSTER  LeafMargin LeafArrangement RootType FlowerShape Trichomes Glands Lea
fTip Inflorescence
  Pigmentation LeafIndent LeafBase SimpleCompound ShrubVine
  /METHOD SINGLE
  /MEASURE=SM(1,0)
  /ID=Character
  /PRINT SCHEDULE
  /PLOT DENDROGRAM VICICLE.

```

Cluster

```

[DataSet2] D:\THERE ARE MANY BENEFITS TO BEING A MARINE BIOLOGIST\Systematics
OTU\midterm otu 1.sav

```

Case Processing Summary^{c,d}

Cases							
Valid		Rejected				Total	
		Missing Value		Out of Range Binary Value ^a			
N	Percent	N	Percent	N	Percent	N	Percent
5	62.5	0	.0	3 ^b	37.5	8	100.0

a. Value different from both 1 and 0.

b. Variable(s) containing the out of range binary value(s): Glands

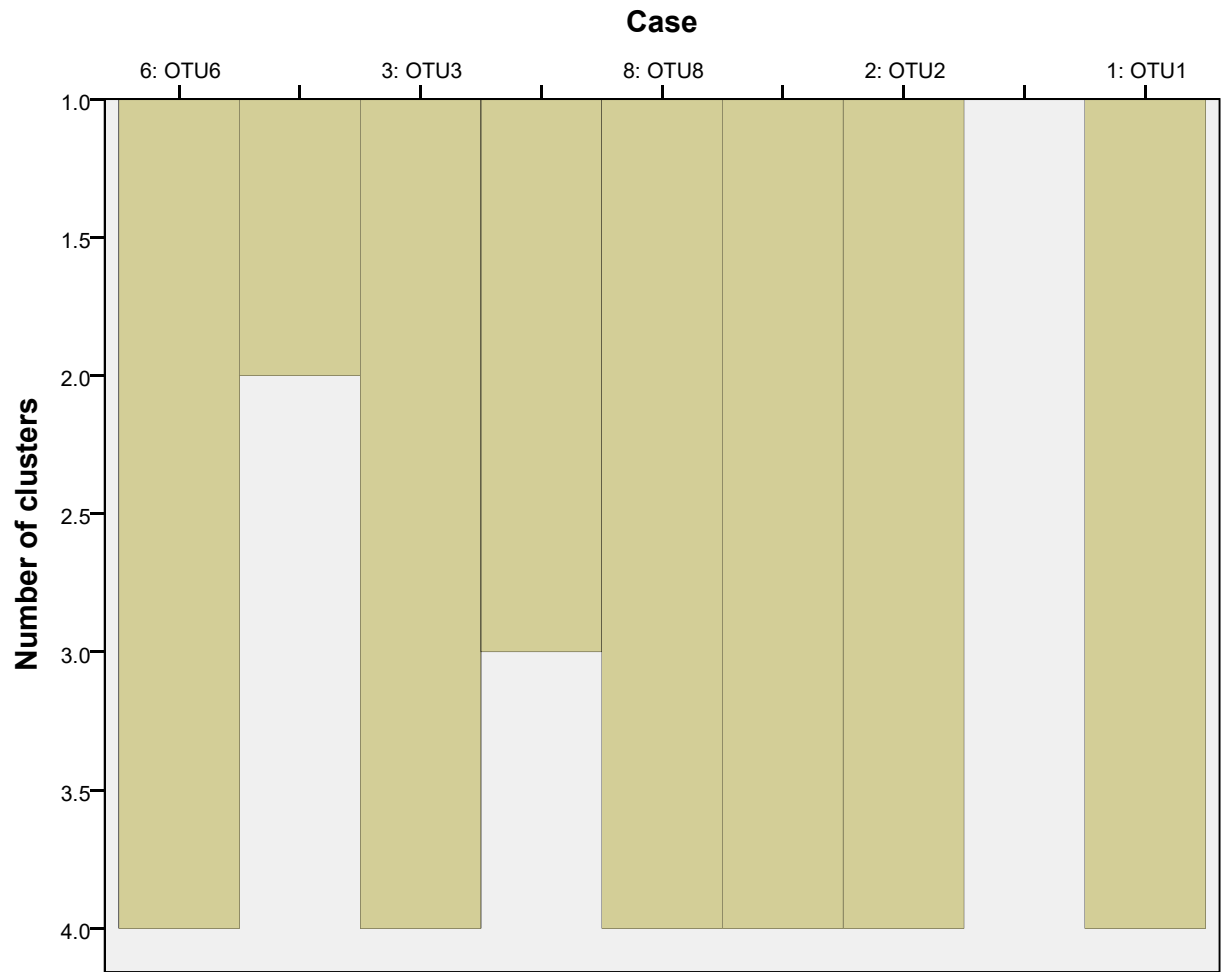
c. Simple matching Measure used

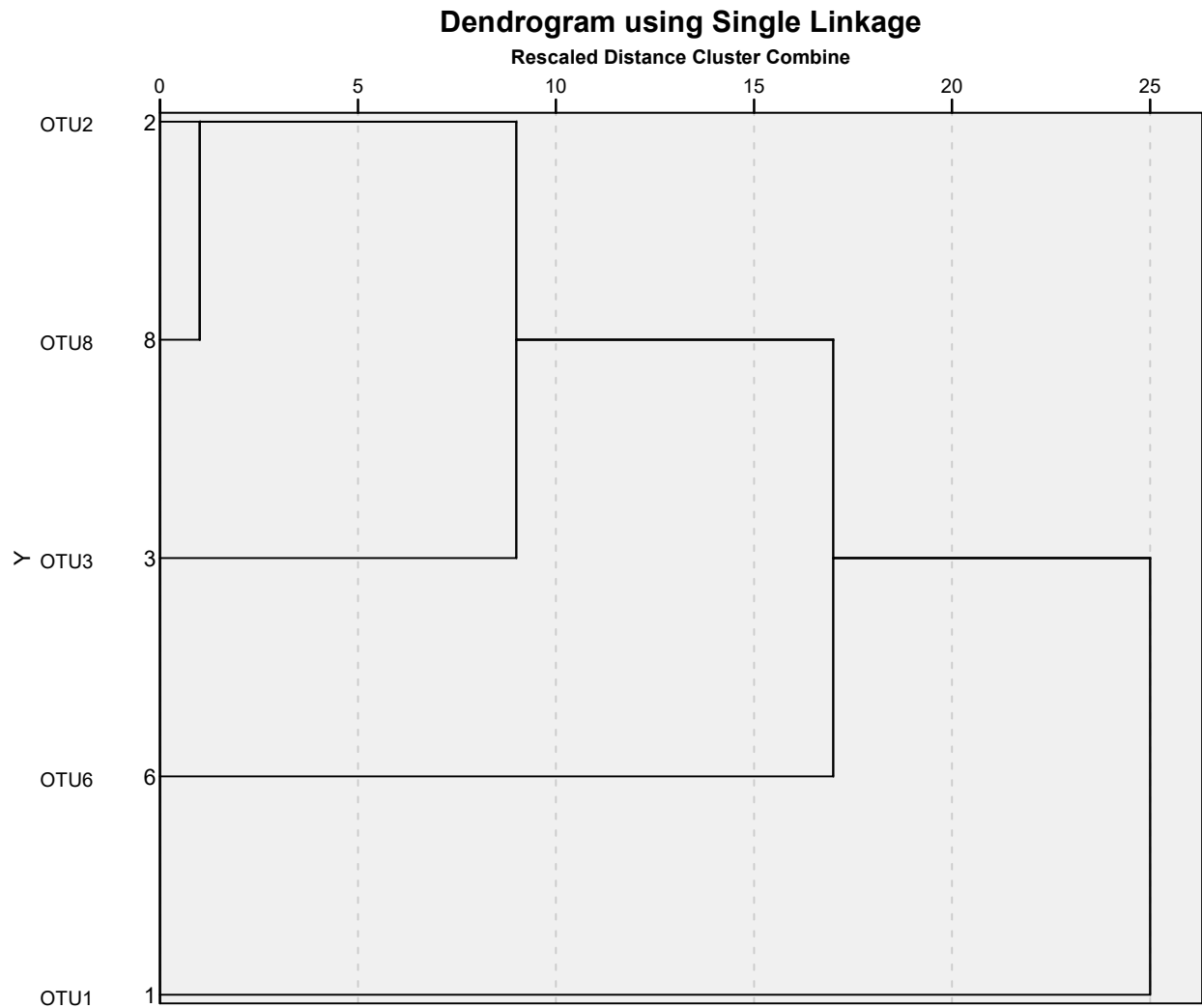
d. Single Linkage

Single Linkage

Agglomeration Schedule

Stage	Cluster Combined		Coefficients	Stage Cluster First Appears		Next Stage
	Cluster 1	Cluster 2		Cluster 1	Cluster 2	
1	2	8	.846	0	0	2
2	2	3	.769	1	0	3
3	2	6	.692	2	0	4
4	1	2	.615	0	3	0





NEW FILE.

DATASET NAME DataSet3 WINDOW=FRONT.

GET DATA /TYPE=XLSM

/FILE='D:\THERE ARE MANY BENEFITS TO BEING A MARINE BIOLOGIST\Systematics OTU\OTU midterm polarized.xlsm'

/SHEET=name 'Sheet1'

/CELLRANGE=full

/READNAMES=on

/ASSUMEDSTRWIDTH=32767.

EXECUTE.

DATASET NAME DataSet4 WINDOW=FRONT.

SAVE OUTFILE='D:\THERE ARE MANY BENEFITS TO BEING A MARINE BIOLOGIST\Systematics OTU\Midterm OTU '+

'2.sav'

```

/COMPRESSED.
CLUSTER   LeafMargin LeafArrangement RootType FlowerShape Trichomes Glands Lea
fTip Inflorescence
      Pigmentation LeafIndent LeafBase SimpleCompound ShrubVine
/METHOD SINGLE
/MEASURE=JACCARD(1,0)
/ID=Character
/PRINT SCHEDULE
/PLOT DENDROGRAM VICICLE.

```

Cluster

[DataSet4] D:\THERE ARE MANY BENEFITS TO BEING A MARINE BIOLOGIST\Systematics
OTU\Midterm OTU 2.sav

Case Processing Summary^{c,d}

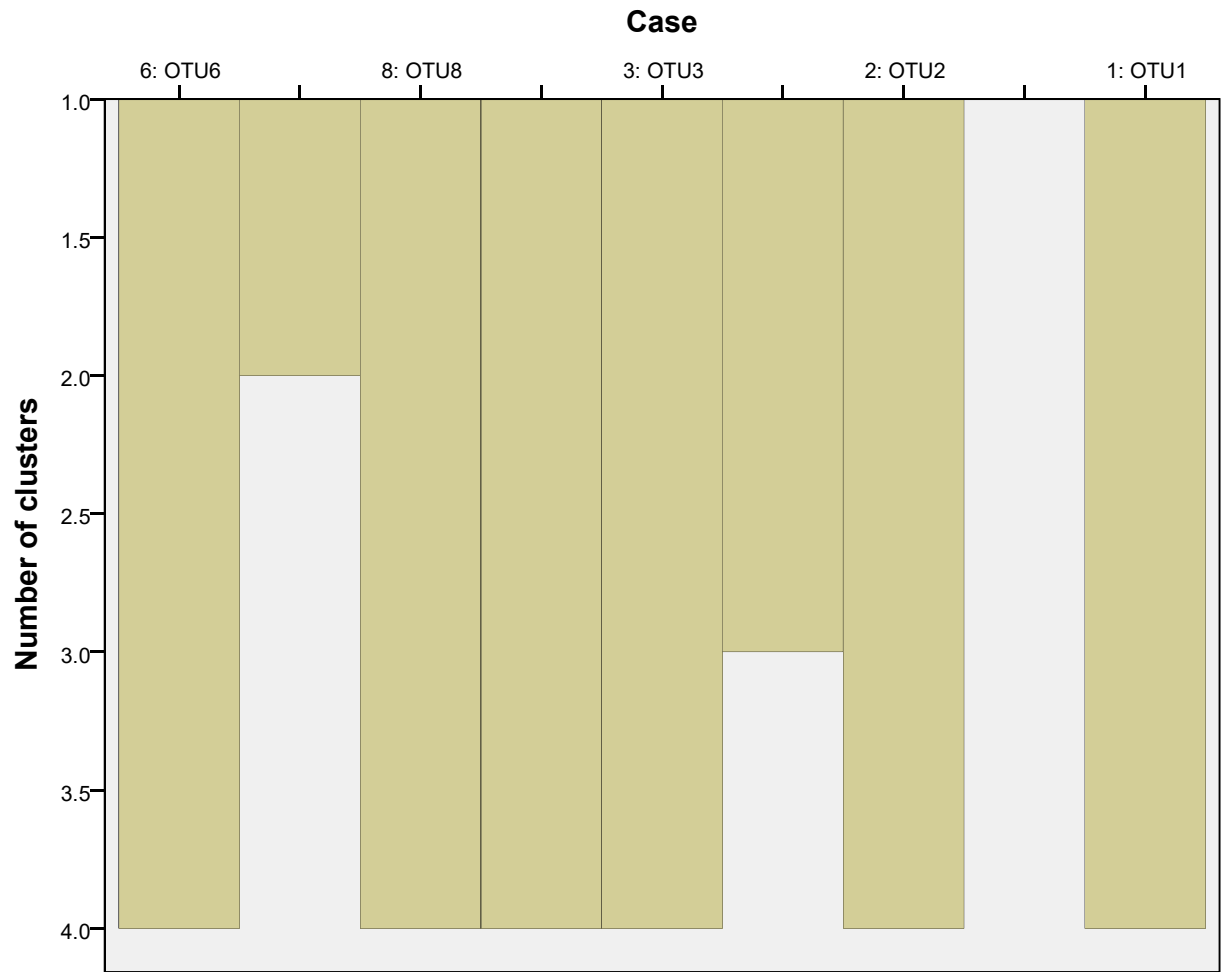
Cases							
Valid		Rejected				Total	
		Missing Value		Out of Range Binary Value ^a			
N	Percent	N	Percent	N	Percent	N	Percent
5	62.5	0	.0	3 ^b	37.5	8	100.0

- a. Value different from both 1 and 0.
- b. Variable(s) containing the out of range binary value(s): Glands
- c. Jaccard Measure used
- d. Single Linkage

Single Linkage

Agglomeration Schedule

Stage	Cluster Combined		Coefficients	Stage Cluster First Appears		Next Stage
	Cluster 1	Cluster 2		Cluster 1	Cluster 2	
1	3	8	.625	0	0	2
2	2	3	.625	0	1	3
3	2	6	.500	2	0	4
4	1	2	.500	0	3	0



Dendrogram using Single Linkage

