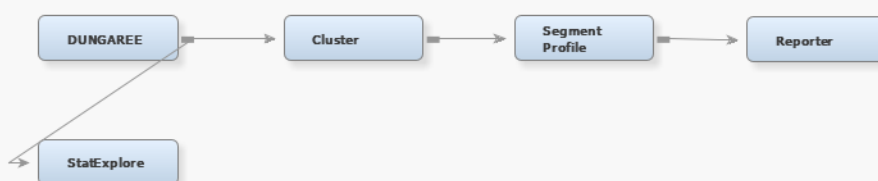# SAS Enterprise Miner Report

User   = u59378098
Date   = 00:58:37 October 06
Project   = Assignment3_Clustering
Diagram   = Jeans

Start Node = Report
Node label = Reporter
Nodes   = PATH
Showall   = N

Format   = PDF
Style   = LISTING

SAS Enterprise Miner Report
Process Flow Diagram

SAS Enterprise Miner Report

Node=DUNGAREE
Summary

Node id = Ids
Node label = DUNGAREE
Meta path = Ids
Notes =

Node=DUNGAREE
Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	DataSource		DsCreatedBy	u59378098		NBytes	132096	.
ApplyIntervalLevelLowerLimit	Y		DsId	dungaree		NCols	6	.
ApplyMaxClassLevels	Y		DsModifiedBy	u59378098		NObs	689	.
ApplyMaxPercentMissing	Y		DsModifyDate	1948984490.1		NewTable		
CMeta	WORK.M2PLY78D		DsSampleName			NewVariableRole	REJECT	
ComputeStatistics	N		DsSampleSize			OutputType	VIEW	
DBPassThrough	Y		DsSampleSizeType			Role	RAW	TRAIN
Data	AAEM.DUNGAREE		DsScope	LOCAL		Sample	D	
DataSelection	DATASOURCE		IdentifyEmptyColumns	Y		SampleSizeObs	10000	
DataSource	dungaree		IntervalLowerLimit	20		SampleSizePercent	20	
DataSourceRole	RAW		Library	AAEM		SampleSizeType	PERCENT	
Description			MaxClassLevels	20		Scope	LOCAL	
DropMapVariables	Y		MaxPercentMissing	50		Segment		
DsCreateDate	1948984490		MetaAdvisor	BASIC		Table	DUNGAREE	

Node=DUNGAREE
Data Attributes

Attribute	Value	Attribute	Value	Attribute	Value
Data Name	DUNGAREE	Date Created	02Apr2012:18:02:35	Data Size	132096
Data Type	DATA	Date Modified	02Apr2012:18:02:35	Role	RAW
Data Label		Number Rows	689	Segment	
Engine	BASE	Number Columns	6	Data Library	AAEM

Node=DUNGAREE
Variables List

Name	Label	Role	Level	Type	Length	Format	Creator
FASHION		INPUT	INTERVAL	N	8	BEST12.0	
LEISURE		INPUT	INTERVAL	N	8	BEST12.0	
ORIGINAL		INPUT	INTERVAL	N	8	BEST12.0	
SALESTOT	total pairs of dungarees sold	REJECTED	INTERVAL	N	8	BEST12.0	
STOREID		ID	NOMINAL	N	8	BEST12.0	
STRETCH		INPUT	INTERVAL	N	8	BEST12.0	

SAS Enterprise Miner Report

Node=Cluster
Summary

Node id = Clus
Node label = Cluster
Meta path = Ids => Clus
Notes =

Node=Cluster
Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Cluster		FinalMaxNum	20		MissingNominal	DEFAULT	
AutomaticMaxNum	50		HideVariable	Y		MissingOrdinal	DEFAULT	
AutomaticMethod	WARD		ImputationMethod	NONE		NominalEncoding	GLM	
AutomaticMinNum	2		Initial	DEFAULT		NumberClusterMethod	USER	AUTOMATIC
Bins	100		Learn	.		OrdinalEncoding	RANK	
CCCCutOff	3		LearnFinal	0.02		Radius	0	
ClusterGraphs	Y		LearnInitial	0.5		Stdize	STD	
Clusvar	_SEGMENT_		LearnSteps	1000		Summary	N	
ClusvarLabel	Segment Variable		MaxC	6	10	TrainDefaults	Y	
ClusvarRole	SEGMENT		MaxIter	10		TreeProfile	Y	
DistancePlot	Y		MaxSteps	1200		XConv	0.0001	
Drift	N		MissingInterval	DEFAULT				

Node=Cluster
Variable Summary

Role	Level	Frequency Count	Name
INPUT	INTERVAL	4	FASHION LEISURE ORIGINAL STRETCH
ID	NOMINAL	1	STOREID

Node=Cluster
Mean Statistics

Variable	Segment 1	Segment 2	Segment 3	Segment 4	Segment 5	Segment 6
Clustering Criterion	0.63	0.63	0.63	0.63	0.63	0.63
Maximum Relative Change in Cluster Seeds	0.01	0.01	0.01	0.01	0.01	0.01
Improvement in Clustering Criterion	.	.	.	.	.	.
Frequency of Cluster	110.00	124.00	10.00	160.00	111.00	174.00
Root-Mean-Square Standard Deviation	0.66	0.66	0.40	0.62	0.64	0.62
Maximum Distance from Cluster Seed	2.85	2.73	1.04	2.53	3.04	2.46
Nearest Cluster	6.00	1.00	6.00	6.00	4.00	1.00
Distance to Nearest Cluster	1.74	1.97	4.86	1.90	1.91	1.74
FASHION	117.55	82.80	4.20	78.12	133.38	74.86
LEISURE	1646.72	1639.17	840.00	2314.67	2080.33	1875.59
ORIGINAL	2183.05	1925.20	1039.60	1561.50	1731.05	1971.17
STRETCH	454.65	752.77	315.80	384.46	365.24	329.75

SAS Enterprise Miner Report
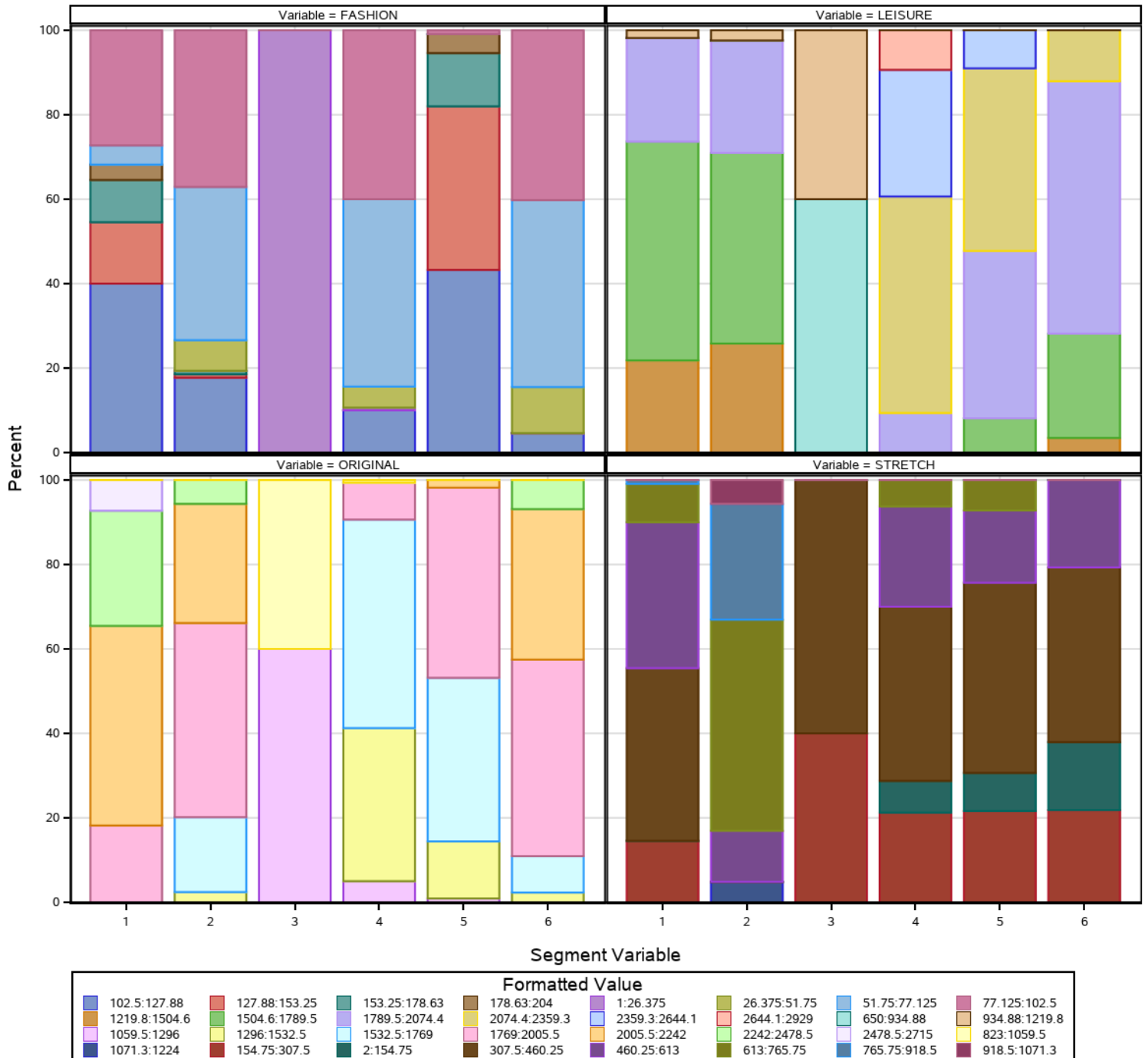## Node=Cluster
Segment Size
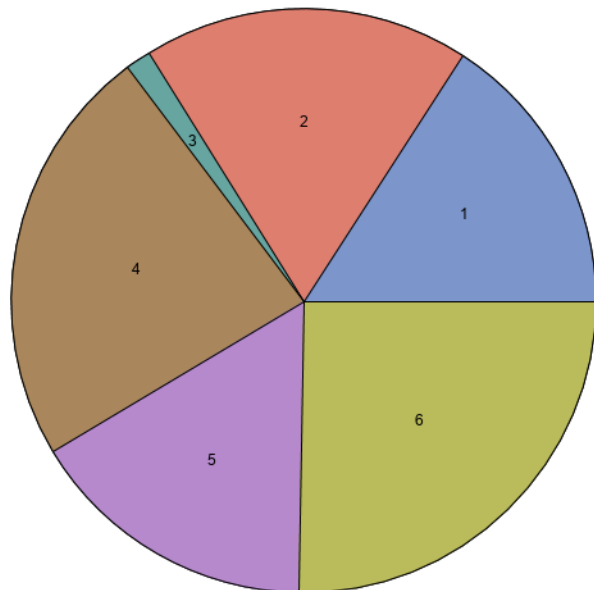
SAS Enterprise Miner Report
Node=Cluster
Tree Diagram
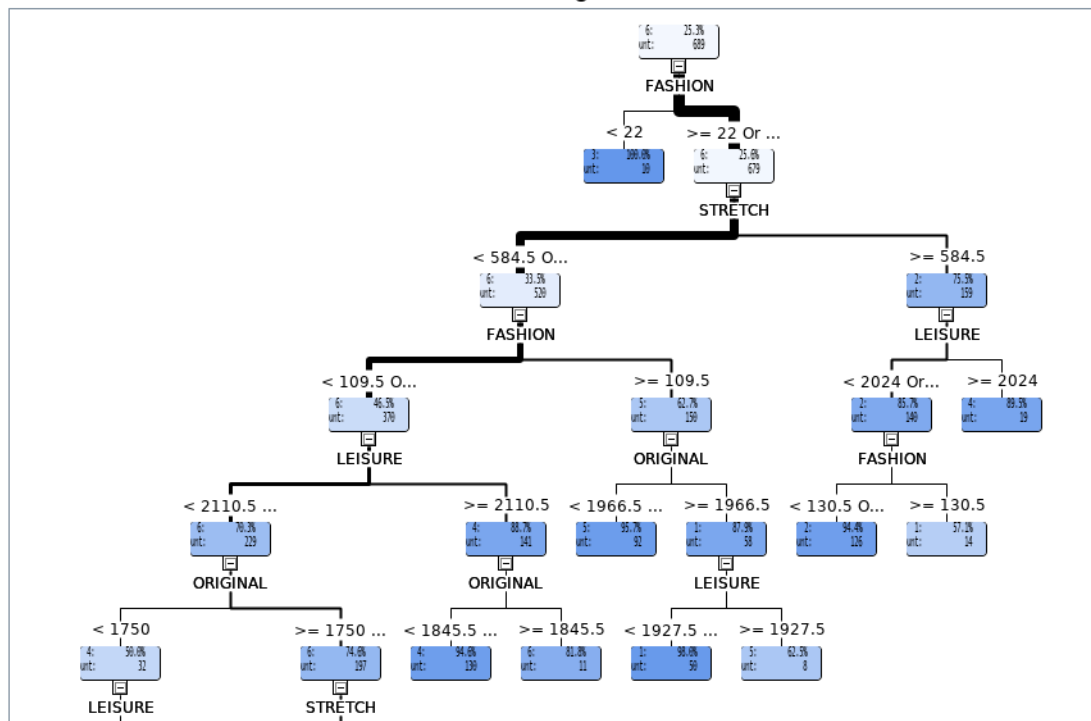
SAS Enterprise Miner Report
Node=Cluster
Segment Plot

SAS Enterprise Miner Report

**Node=Segment Profile
Summary**

Node id = Prof
Node label = Segment Profile
Meta path = lds => Clus => Prof
Notes =

**Node=Segment Profile
Properties**

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Profile		MinWorth	0.01		ProfileAll	N	
MaxDepth	1		NumHistBars	8		TargetRole	NONE	
MaxNumInput	10		OtherPercentCutOff	95		UseReportVars	Y	
MaxNumReport	10		PrintWorth	Y				

**Node=Segment Profile
Variable Summary**

Role	Level	Frequency Count	Name
INPUT	INTERVAL	4	FASHION LEISURE ORIGINAL STRETCH

SAS Enterprise Miner Report
Node=Segment Profile
Variable Worth
SEGMENTVARIABLE='_SEGMENT_'
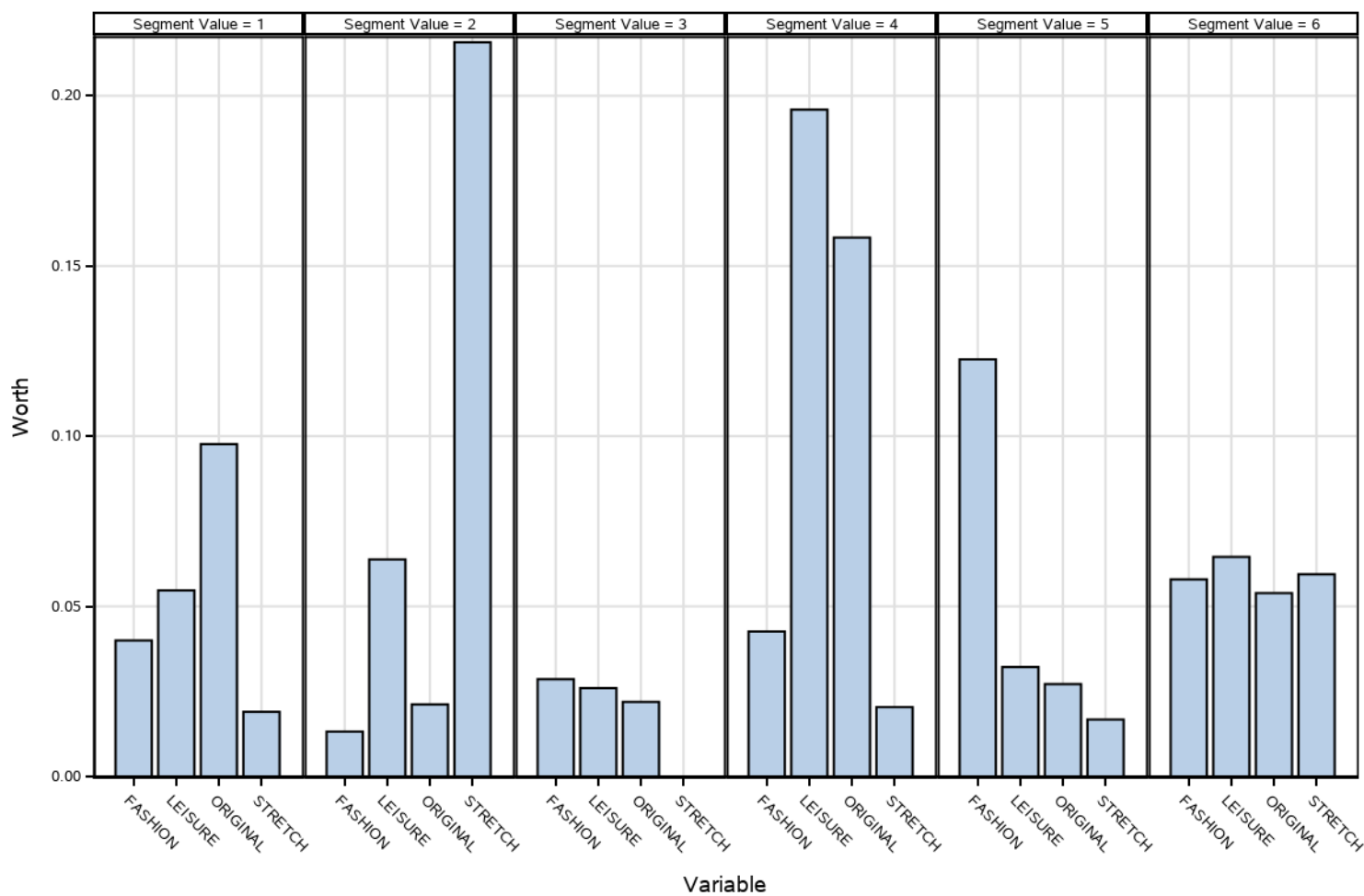
SAS Enterprise Miner Report
Node=Segment Profile
Segment Size

End of Report