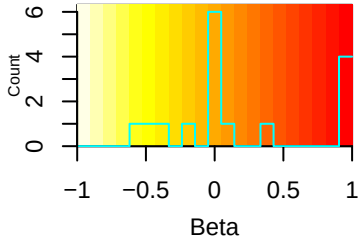
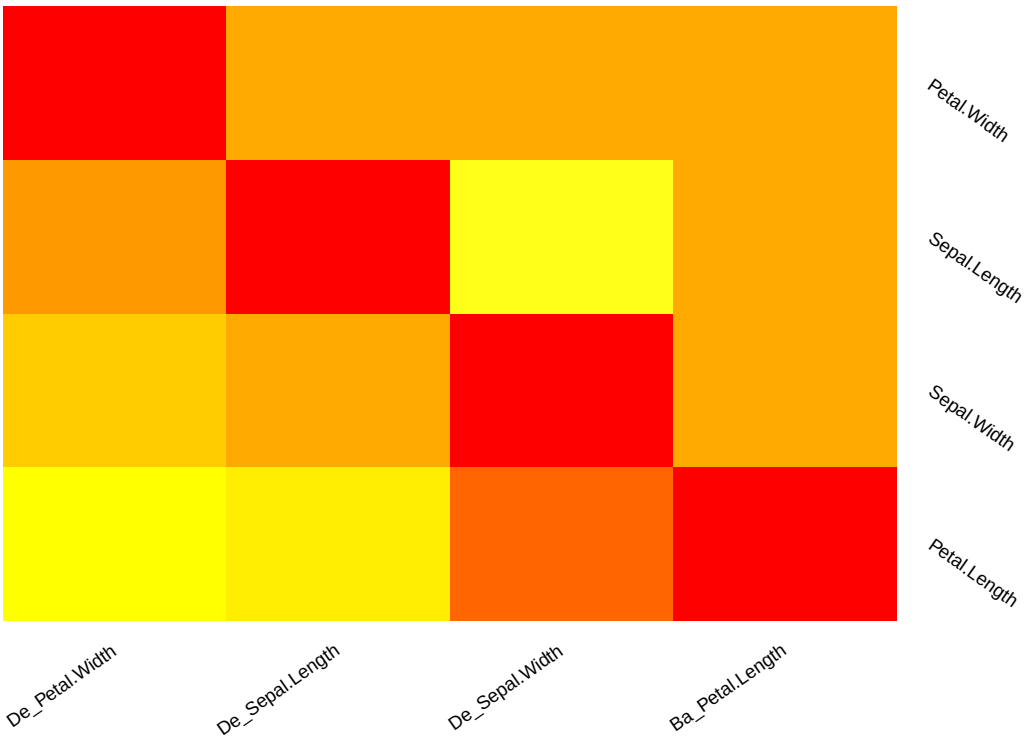
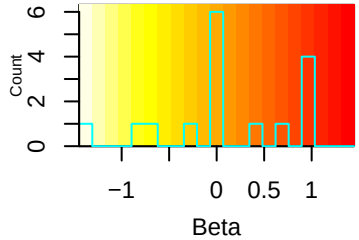
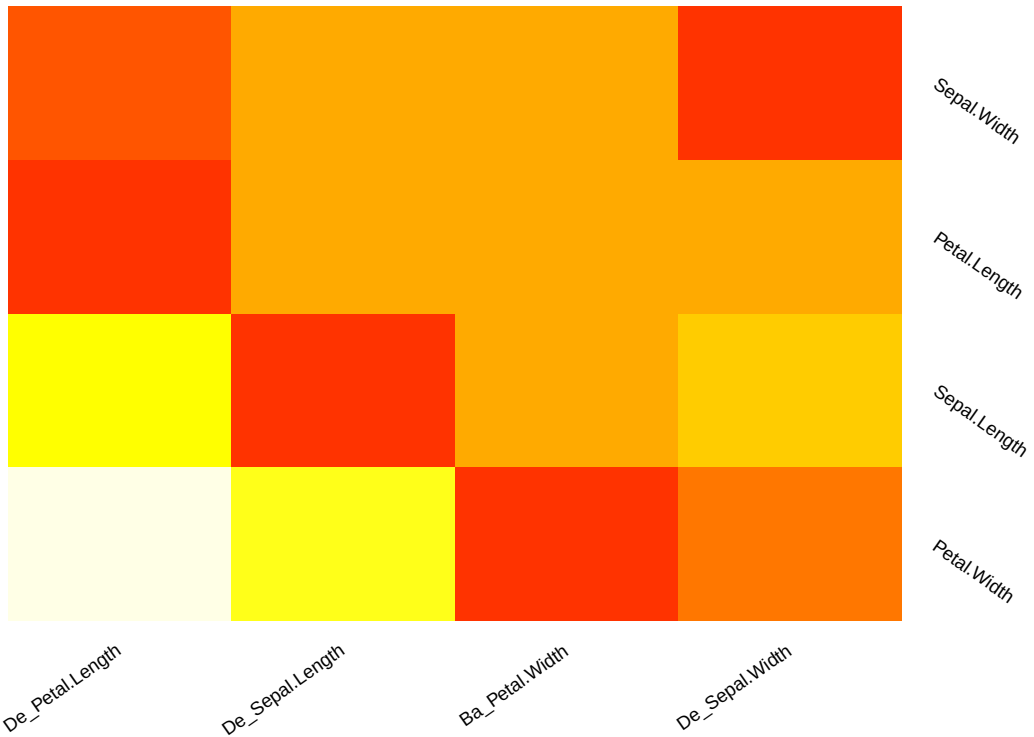


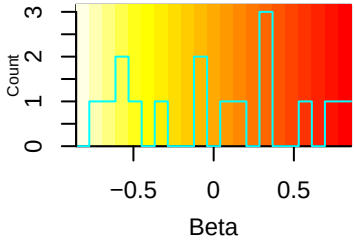
Unsupervised GDSTM



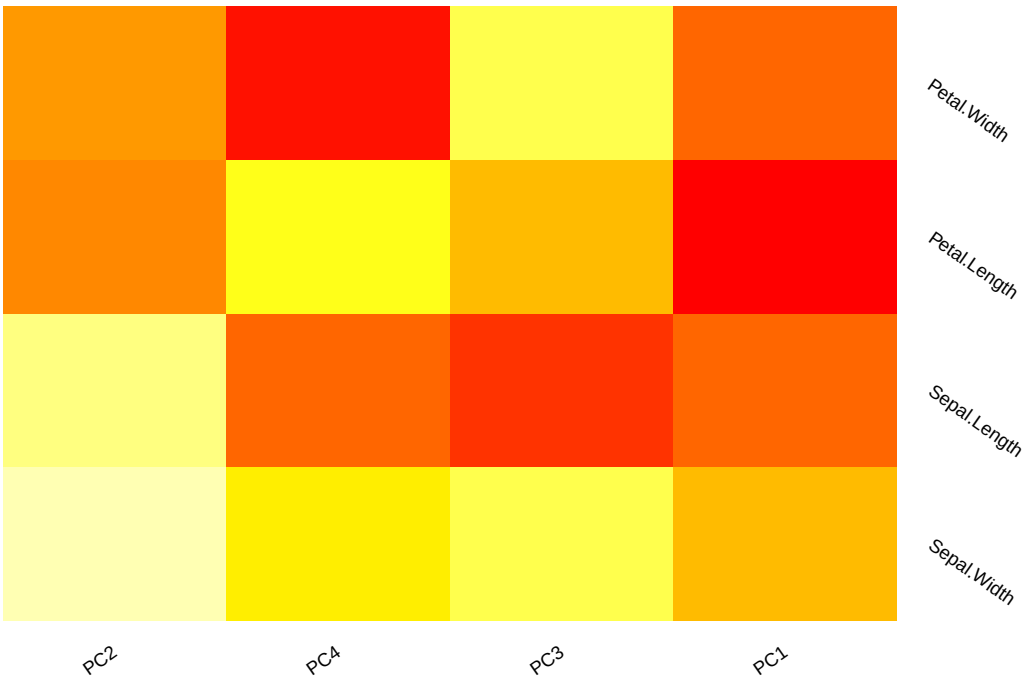


Supervised GDSTM

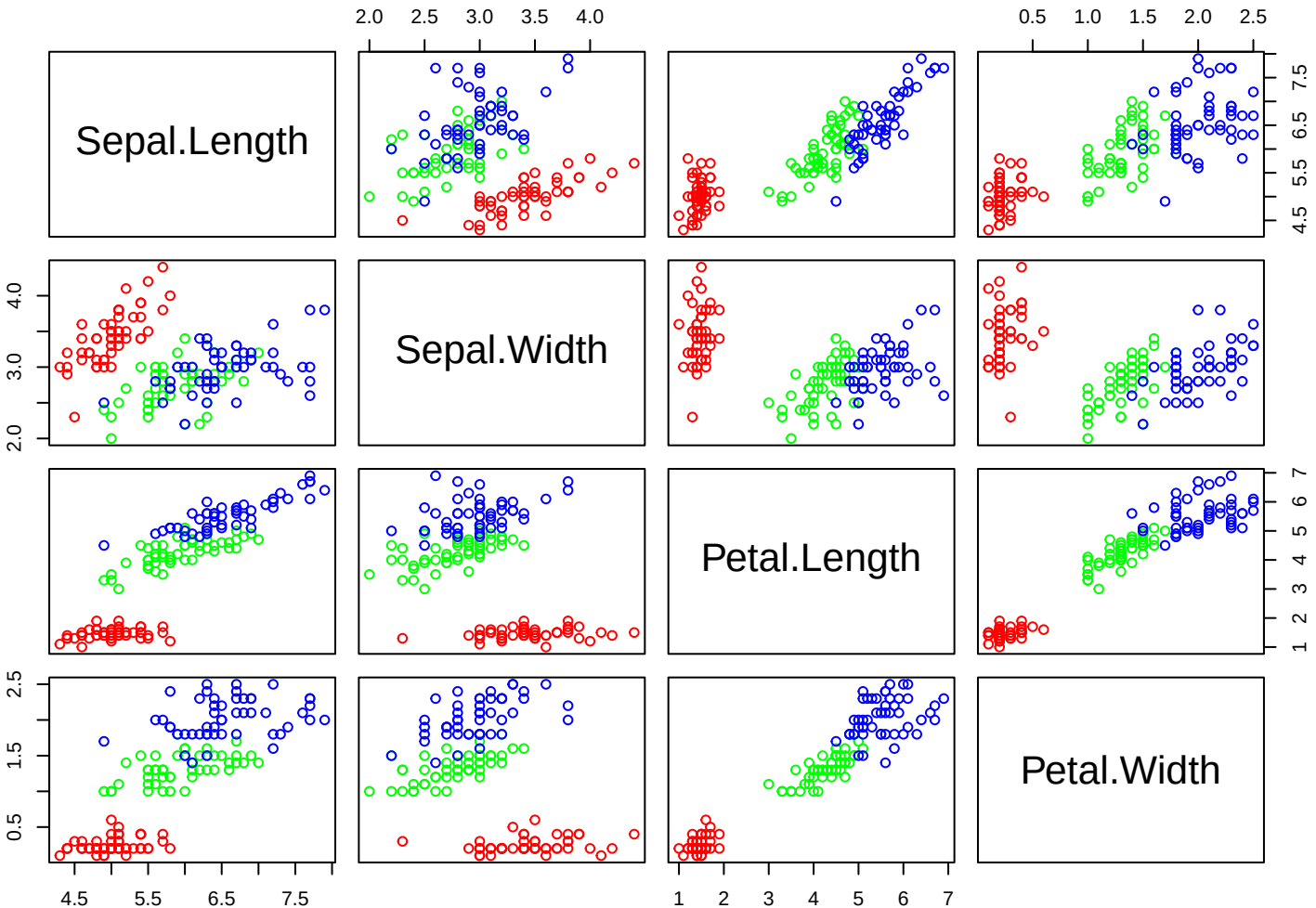




PCA Rotation



Raw IRIS


Sepal.Length
Sepal.Width
Petal.Length
Petal.Width
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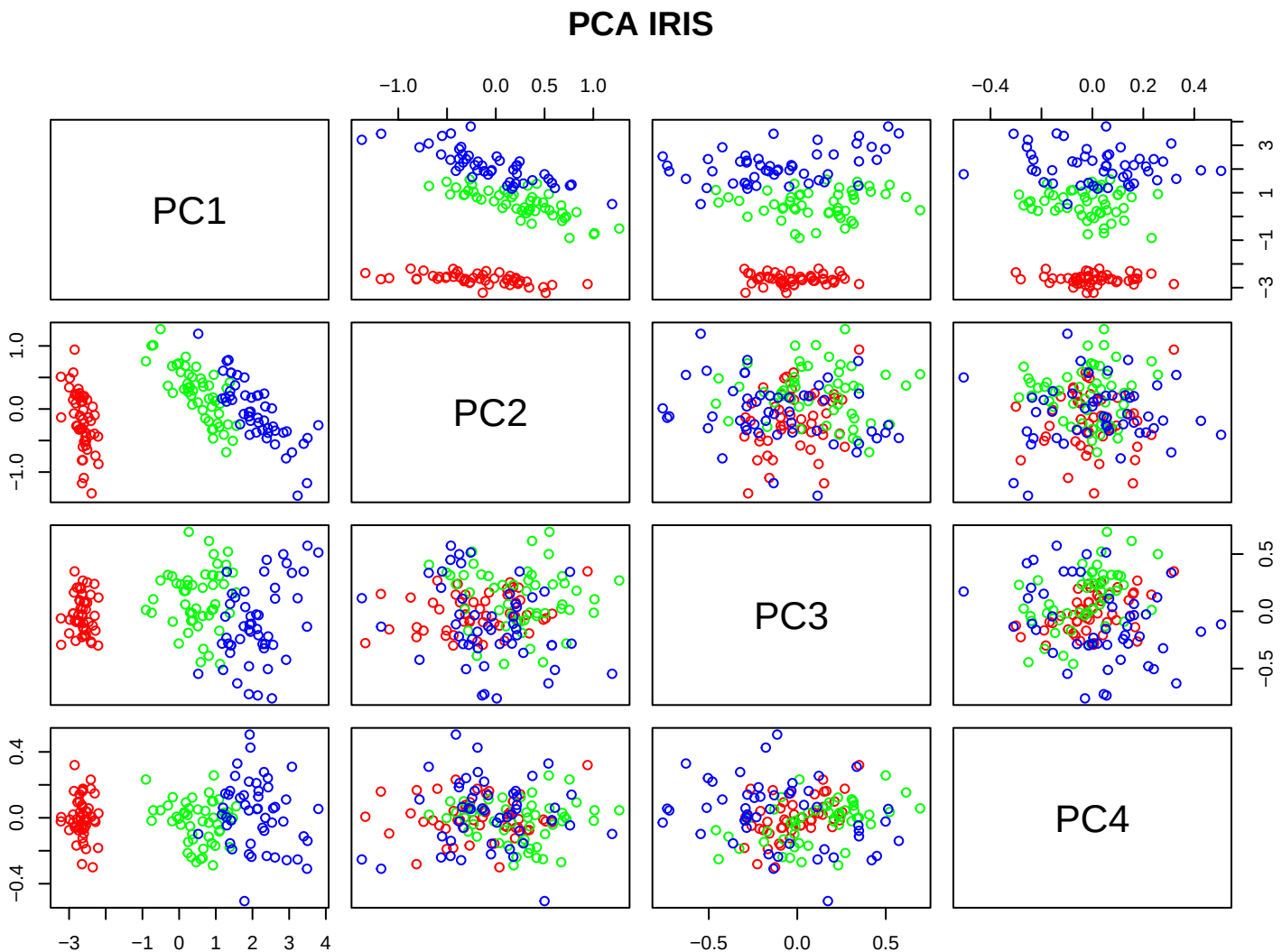
0.5 1.0 1.5 2.0 2.5
4.5 5.5 6.5 7.5
1 2 3 4 5 6 7


PCA IRIS
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PC2
PC3
PC4
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0.2
0.4
3
1
−1
−3
1.0
0.0
−1.0
0.5
0.0
−0.5
0.4
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−3
−1
0
1
2
3
4
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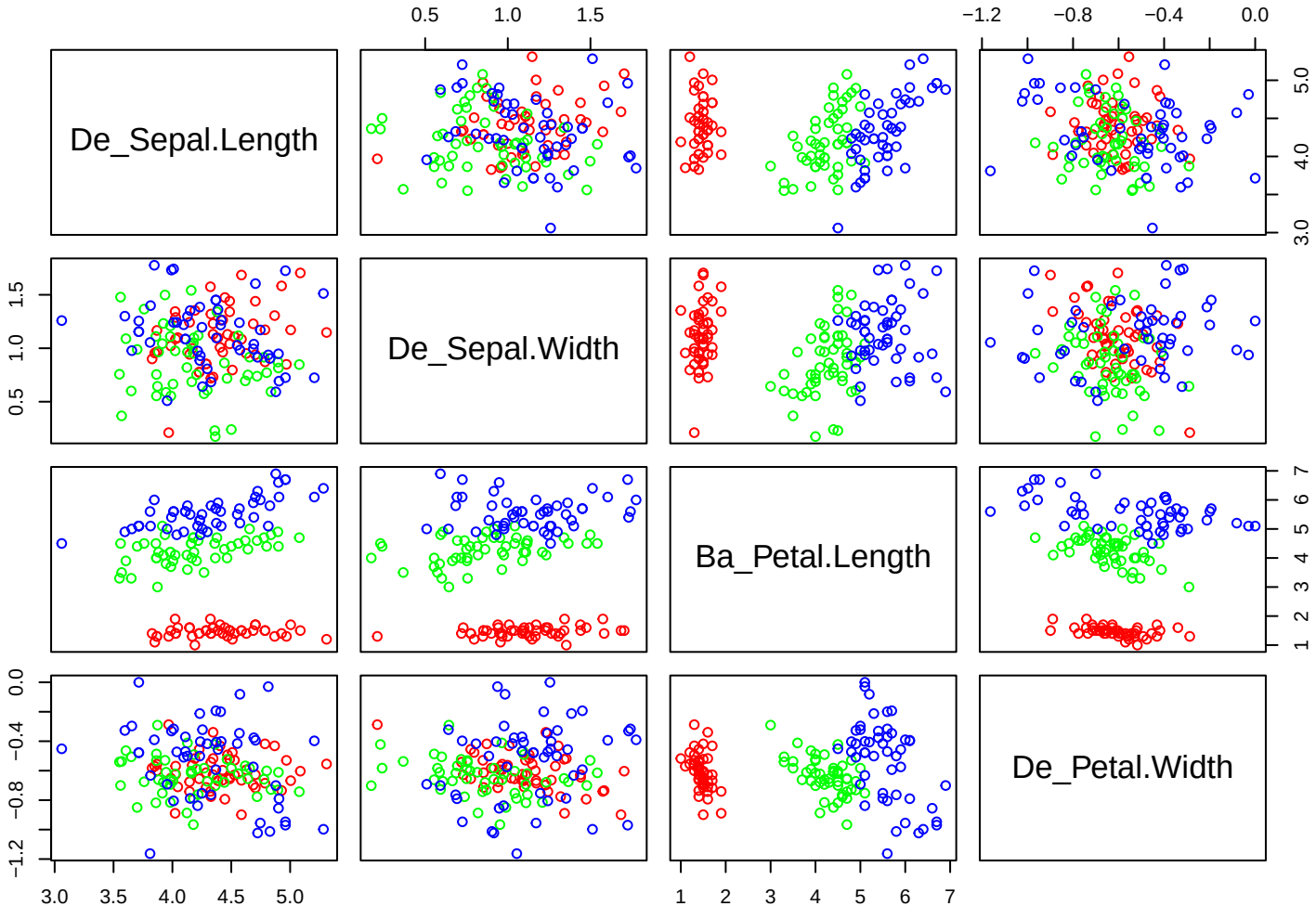
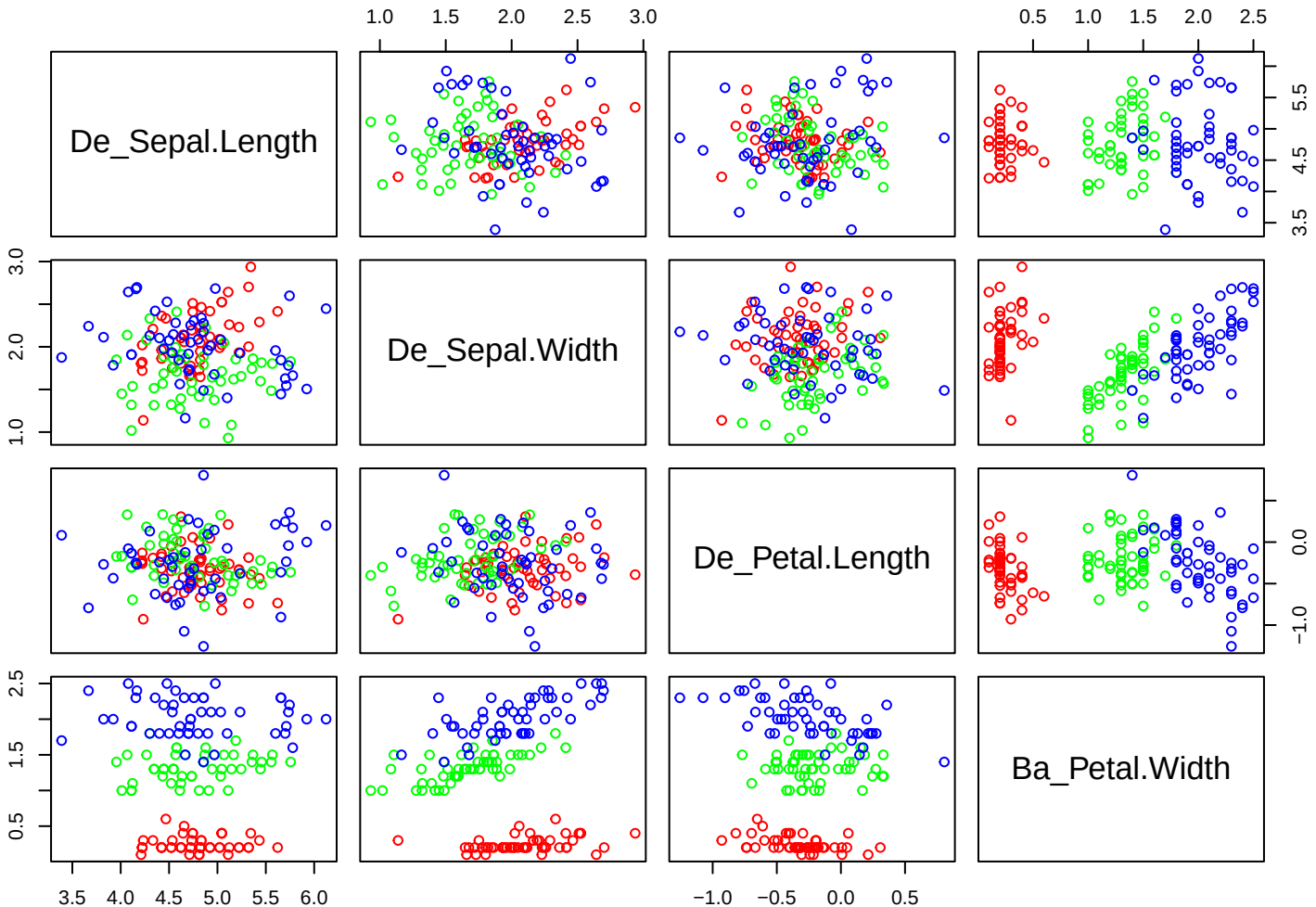
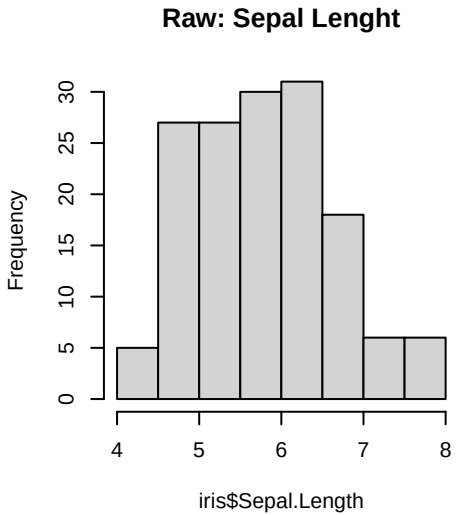
0.0
0.5

Unsupervised FCA IRIS



Supervised FCA IRIS

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20
25
30
4
5
6
7
8
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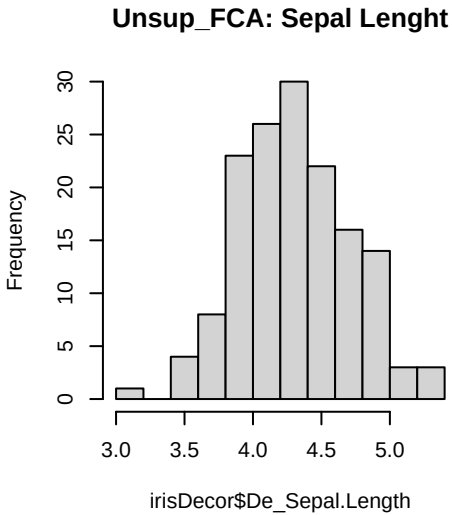
Unsup_FCA: Sepal Lenght
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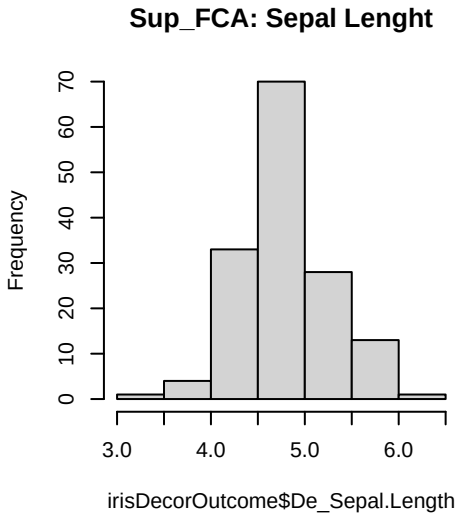
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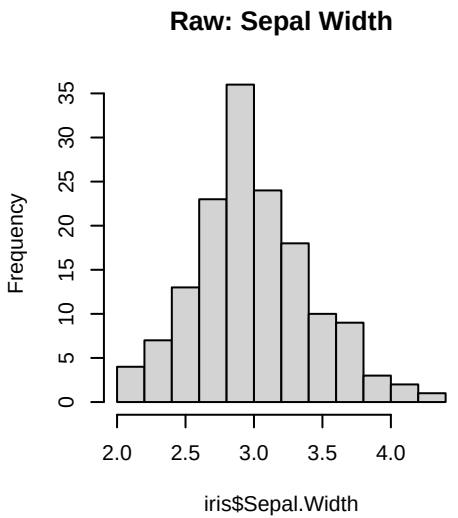
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3.0
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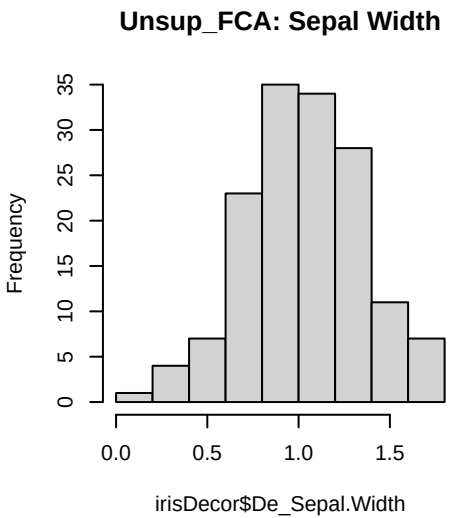
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1.0
1.5
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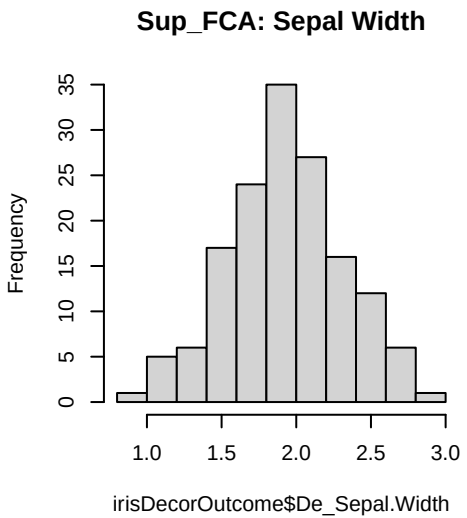
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Frequency
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1.5
2.0
2.5
3.0
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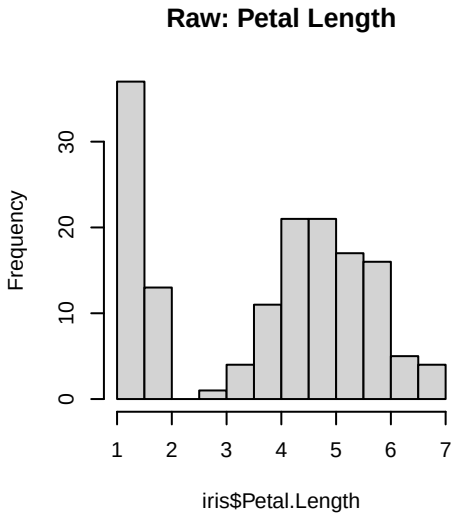
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Frequency
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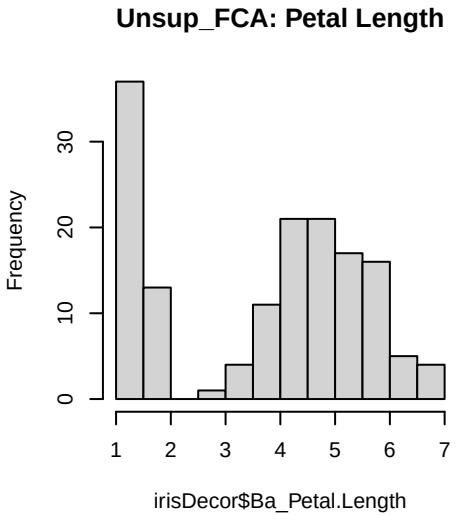
3
4
5
6
7
iris$Petal.Length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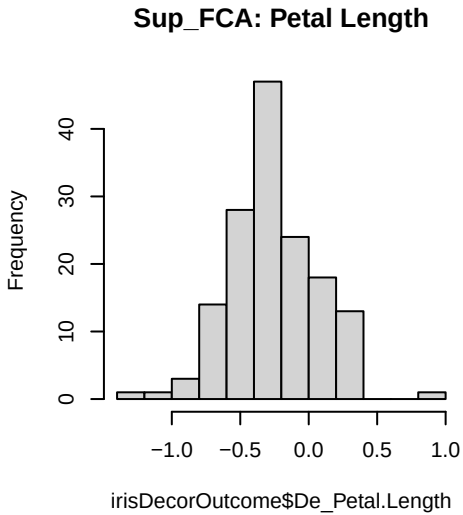
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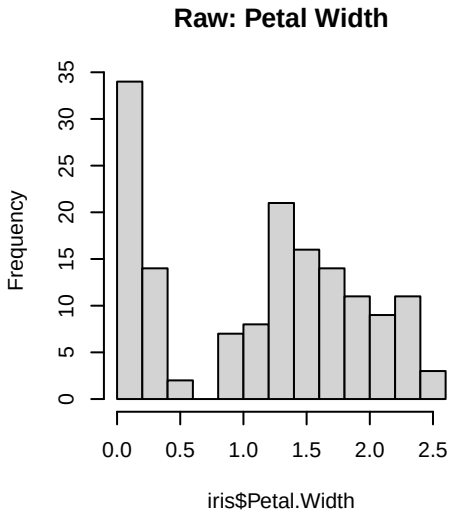
0.5
1.0
irisDecorOutcome$De_Petal.Length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0.5
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1.5
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2.5
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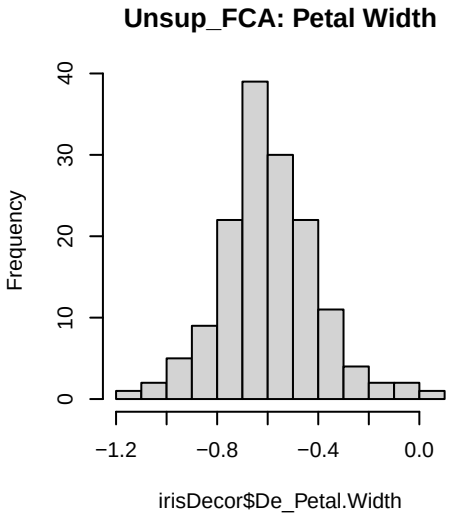
Unsup_FCA: Petal Width
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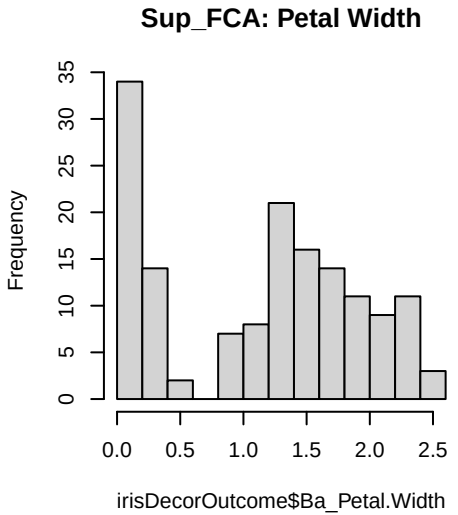
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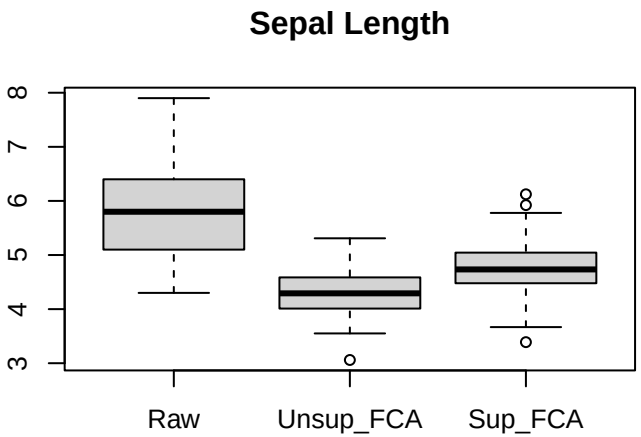
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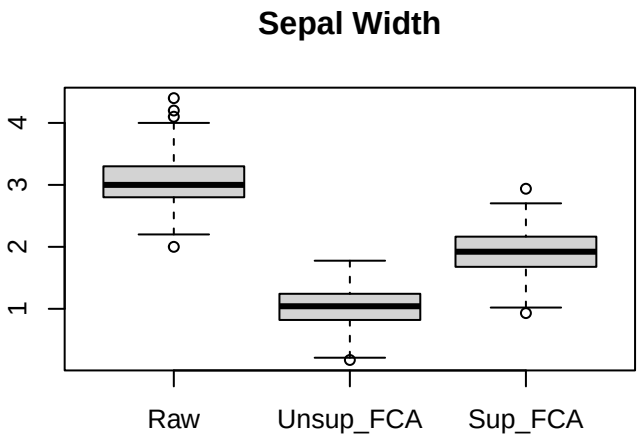
Sup_FCA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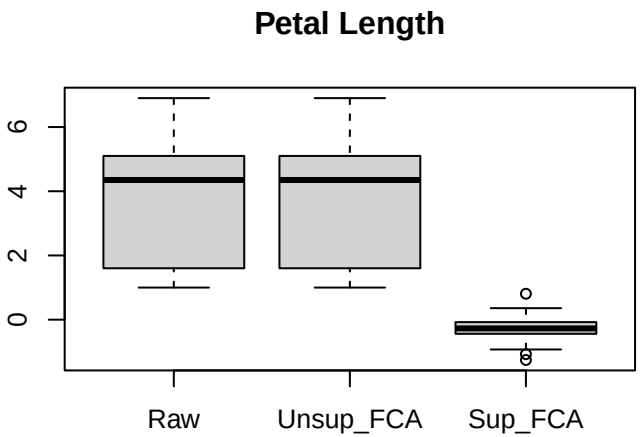
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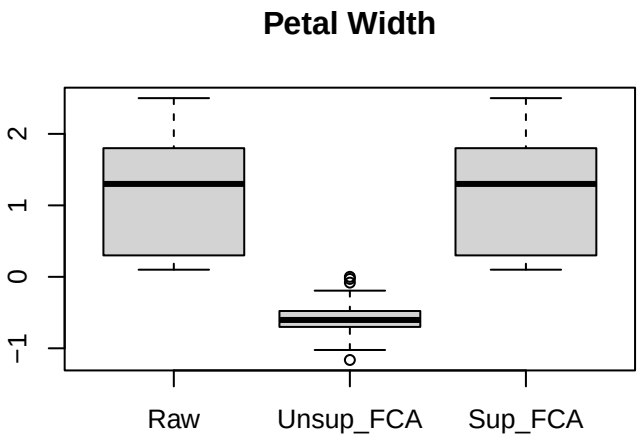
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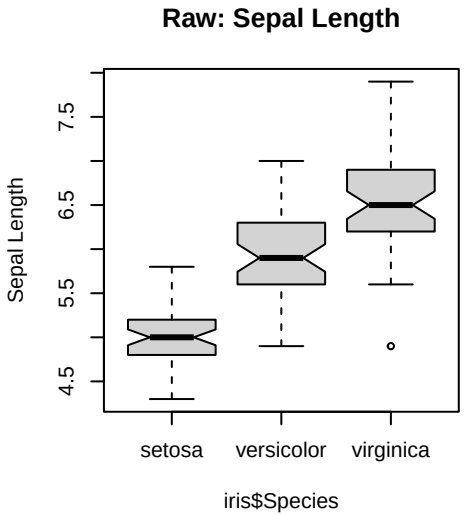
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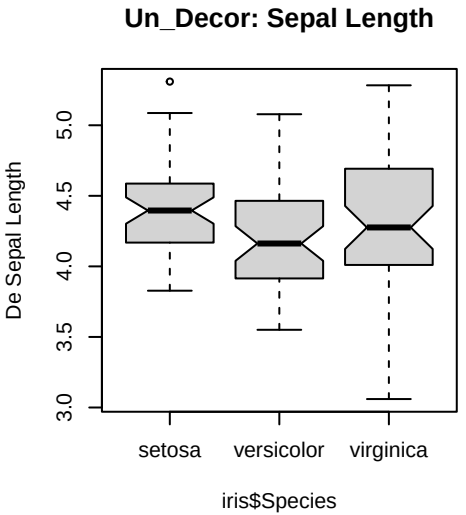
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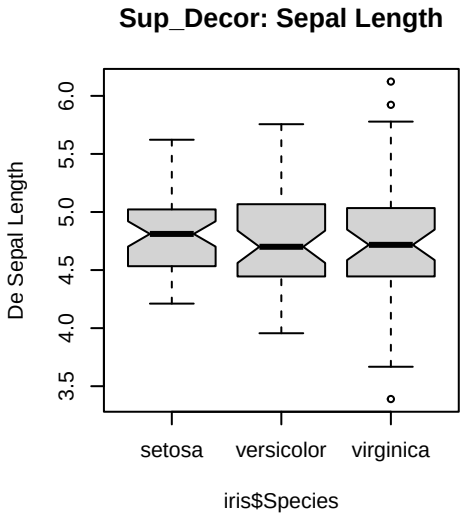
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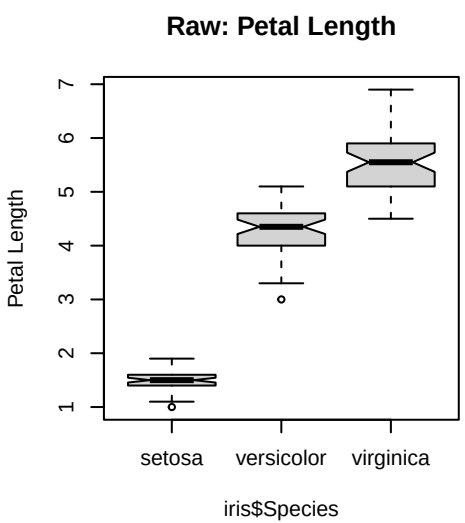
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Petal Length
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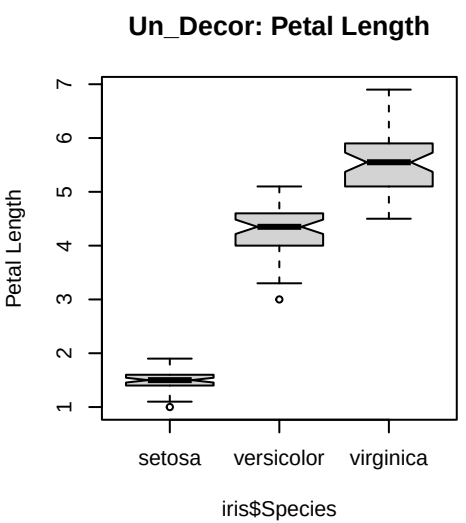
versicolor
virginica
iris$Species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Petal Length
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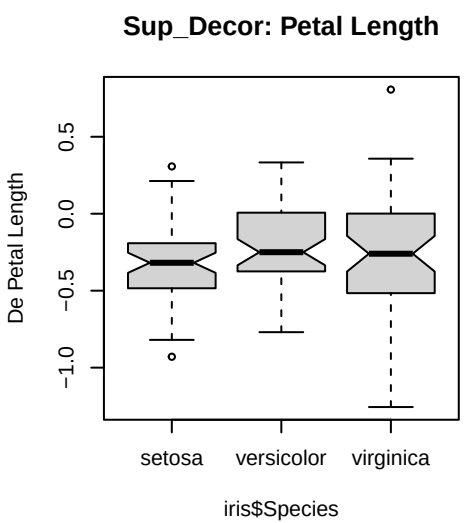
versicolor
virginica
iris$Species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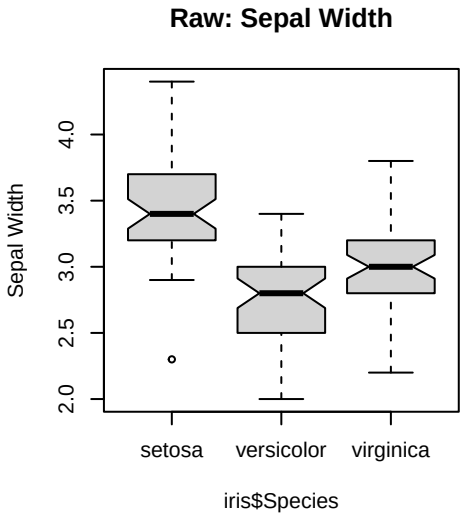
virginica
iris$Species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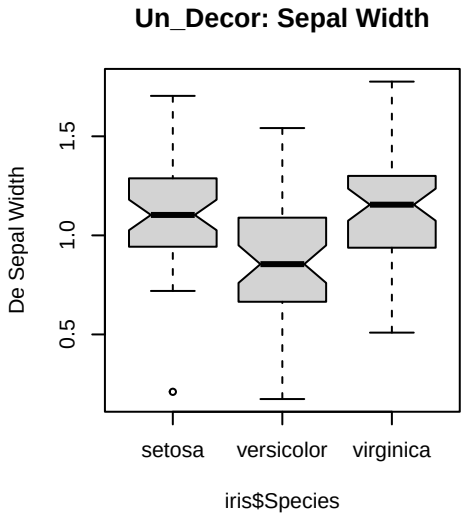
iris$Species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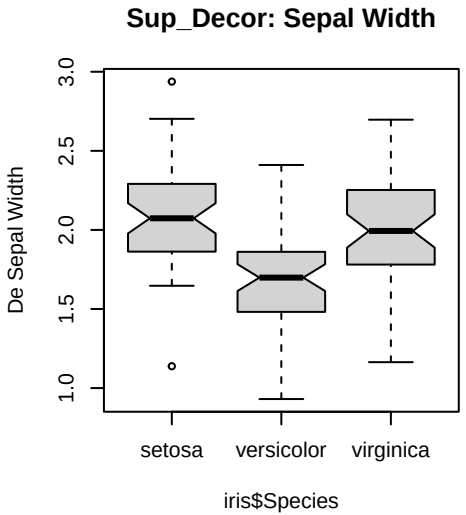
iris$Species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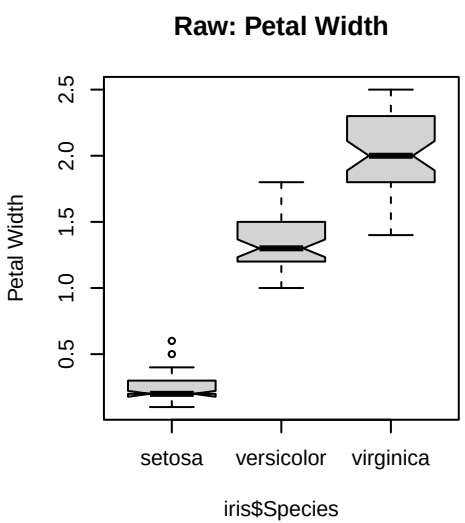
iris$Species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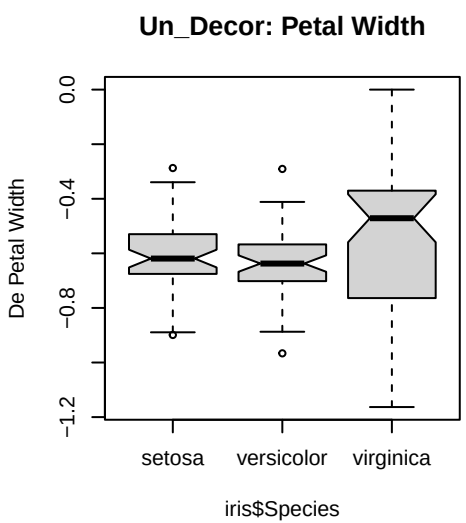
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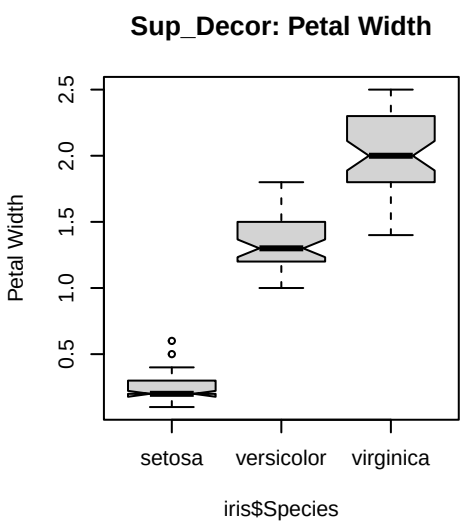
virginica
iris$Species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Petal Width
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virginica
iris$Species