

Hypothesis Result

This 4*4 matrix is called the index matrix with the combinations of each pair of major and Regime.

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ind.matrix <= matrix(1, nrow = 4, ncol = 4)
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When all possible majors and regimes are combined

When all the values in the 4*4 matrix are 1.

BioSc Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime

Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime

PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime

Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime

The BIC is **4060.78**

Row 1: BioSc Major

Row 2: Math Major

Row 3: PhySc Major

Row 4: Business Major

Col 1: 1st Regime

Col 2: 2nd Regime

Col 3: 3rd Regime

Col 4: 4th Regime

Step 1:

	Hypothesis	BIC Values
1	BioSc Major, 2nd Regime, 3rd Regime, & 4th Regime, Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3912.435
2	BioSc Major, 1st Regime, 3rd Regime, & 4th Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3992.973

[illegible]

14	BioSc Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 3rd Regime, & 4th Regime	4028.506
15	BioSc Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, & 4th Regime	4003.711
16	BioSc Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3988.43
Min BIC		3738.112

Step 2:

S/N	Hypothesis	BIC Values
1	BioSc Major, 2nd Regime & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3589.767
2	BioSc Major, 1st Regime & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3670.305
3	BioSc Major, 1st Regime & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3647.987
4	BioSc Major, 1st Regime, 2nd Regime, & 3rd Regime Math Major, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3722.201
5	BioSc Major, 1st Regime, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3736.846

	Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	
6	BioSc Major, 1st Regime, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3733.071
7	BioSc Major, 1st Regime, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, & 3rd Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3736.446
8	BioSc Major, 1st Regime, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3678.722
9	BioSc Major, 1st Regime, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime PhySc Major, 1st Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3713.141
10	BioSc Major, 1st Regime, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime PhySc Major, 1st Regime, 2nd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3727.044
11	BioSc Major, 1st Regime, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime PhySc Major, 1st Regime, 2nd Regime, & 3rd Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3719.855
12	BioSc Major, 1st Regime, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime Business Major, 2nd Regime, 3rd Regime, & 4th Regime	3724.366
13	BioSc Major, 1st Regime, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime Business Major, 1st Regime, 3rd Regime, & 4th Regime	3705.838
14	BioSc Major, 1st Regime, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime Business Major, 1st Regime, 2nd Regime & 4th Regime	3681.043
15	BioSc Major, 1st Regime, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime Business Major, 1st Regime, 2nd Regime & 3rd Regime	3689.783
Minimum BIC		3589.767

Step 3:

S/N	Hypothesis	BIC Values
1	BioSc Major & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3528.691
2	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3499.388
3	BioSc Major, 2nd Regime & 3rd Regime Math Major, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3588.405
4	BioSc Major, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3587.693
5	BioSc Major, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3598.175
6	BioSc Major, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, & 3rd Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3588.101
7	BioSc Major, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3564.588
8	BioSc Major, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3577.904

9	BioSc Major, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime PhySc Major, 1st Regime, 2nd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3583.668
10	BioSc Major, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime PhySc Major, 1st Regime, 2nd Regime, & 3rd Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3571.51
11	BioSc Major, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime Business Major, 2nd Regime, 3rd Regime, & 4th Regime	3559.641
12	BioSc Major, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime Business Major, 1st Regime, 3rd Regime, & 4th Regime	3568.428
13	BioSc Major, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime Business Major, 1st Regime, 2nd Regime, & 4th Regime	3531.165
14	BioSc Major, 2nd Regime, & 3rd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime & 4th Regime Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3541.438
Minimum BIC		3499.388

Step 4:

S/N	Hypothesis	BIC Values
1	Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3451.122
2	BioSc Major & 2nd Regime Math Major, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3498.025

	Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	
3	BioSc Major & 2nd Regime Math Major, 1st Regime, 3rd Regime, & 4th Regime Physc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3498.777
4	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, & 4th Regime Physc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3498.871
5	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, & 3rd Regime Physc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3497.721
6	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Physc Major, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3474.248
7	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Physc Major, 1st Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3472.892
8	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Physc Major, 1st Regime, 2nd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3475.963
9	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Physc Major, 1st Regime, 2nd Regime, & 3rd Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3481.13
10	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Physc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 2nd Regime, 3rd Regime, & 4th Regime	3469.243
11	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Physc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 3rd Regime, & 4th Regime	3488.708
12	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Physc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3466.753

	Business Major, 1st Regime, 2nd Regime, & 4th Regime	
13	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3451 . 058
Minimum BIC		3451.058

Step 5:

S/N	Hypothesis	BIC Values
1	Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime	3402 . 792
2	BioSc Major & 2nd Regime Math Major, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime	3449 . 696
3	BioSc Major & 2nd Regime Math Major, 1st Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime	3450 . 448
4	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime	3450 . 542
5	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, & 3rd Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime	3441 . 629
6	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime	3425 . 919

	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 3rd Regime, & 4th Regime 7 Business Major, 1st Regime, 2nd Regime, 3rd Regime	3424.563
	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, & 4th Regime 8 Business Major, 1st Regime, 2nd Regime, 3rd Regime	3427.634
	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, & 3rd Regime 9 Business Major, 1st Regime, 2nd Regime, 3rd Regime	3410.363
	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime 10 Business Major, 2nd Regime, & 3rd Regime	3420.913
	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime 11 Business Major, 1st Regime, & 3rd Regime	3440.379
	BioSc Major & 2nd Regime Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime PhySc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime 12 Business Major, 1st Regime, & 2nd Regime	3418.423
Minimum BIC		3402.792

Step 6:

S/N	Hypothesis	BIC Values
1	Math Major, 2nd Regime, 3rd Regime, & 4th Regime Phyisc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3401.69
2	Math Major, 1st Regime, 3rd Regime, & 4th Regime Phyisc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3401.496
3	Math Major, 1st Regime, 2nd Regime, & 4th Regime Phyisc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3402.078
4	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3393.362
5	Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Phyisc Major, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3378.545
6	Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Phyisc Major, 1st Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3394.093
7	Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Phyisc Major, 1st Regime, 2nd Regime, & 4th Regime Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3378.513
8	Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime Business Major, 1st Regime, 2nd Regime, 3rd Regime	3362.097
9	Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Phyisc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime	3372.793

	Business Major, 2nd Regime, & 3rd Regime	
10	Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Phyisc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, & 3rd Regime	3398.871
11	Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Phyisc Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Business Major, 1st Regime, & 2nd Regime	3369.908
Minimum BIC		3362.097

Step 7:

S/N	Hypothesis	BIC Values
1	Math Major, 2nd Regime, 3rd Regime, & 4th Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3360.995
2	Math Major, 3rd Regime, & 4th Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3360.801
3	Math Major, 1st Regime, 2nd Regime, & 4th Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3361.383
4	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3269.29
5	Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Phyisc Major, 2nd Regime, & 3rd Regime Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3337.849

	Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Phyisc Major, 1st Regime, & 3rd Regime 6 Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3353.398
	Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Phyisc Major, 1st Regime, & 2nd Regime 7 Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3337.818
	Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 8 Business Major, 2nd Regime, & 3rd Regime	3332.098
	Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 9 Business Major, 1st Regime, & 3rd Regime	3358.176
	Math Major, 1st Regime, 2nd Regime, 3rd Regime, & 4th Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 10 Business Major, 1st Regime, & 2nd Regime	3329.212
Minimum BIC		3269.29

Step 8:

S/N	Hypothesis	BIC Values
	Math Major, 2nd Regime, & 3rd Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 1 Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3268.188
	Math Major, 1st Regime, & 3rd Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 2 Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3267.994
	Math Major, 1st Regime, & 2nd Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 3 Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3268.576
	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major, 2nd Regime, & 3rd Regime 4 Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3245.043

	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major, 1st Regime, & 3rd Regime 5 Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3260.591
	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major, 1st Regime, & 2nd Regime 6 Business Major, 1st Regime, 2nd Regime, & 3rd Regime	3245.011
	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 7 Business Major, 2nd Regime, & 3rd Regime	3239.291
	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 8 Business Major, 1st Regime, & 3rd Regime	3265.369
	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 9 Business Major, 1st Regime, & 2nd Regime	3236.406
Minimum BIC		3236.406

Step 9

S/N	Hypothesis	BIC Values
	Math Major, 2nd Regime, & 3rd Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 1 Business Major, 1st Regime, & 2nd Regime	3235.305
	Math Major, 1st Regime, & 3rd Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 2 Business Major, 1st Regime, & 2nd Regime	3234.664
	Math Major, 1st Regime, & 2nd Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 3 Business Major, 1st Regime, & 2nd Regime	3234.454
	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major, 2nd Regime, & 3rd Regime 4 Business Major, 1st Regime, & 2nd Regime	3212.164

	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major, 1st Regime, & 3rd Regime 5 Business Major, 1st Regime, & 2nd Regime	3225.373
	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major, 1st Regime, & 2nd Regime 6 Business Major, 1st Regime, & 2nd Regime	3224.88
	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 7 Business Major, & 2nd Regime	3206.407
	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 8 Business Major, & 1st Regime	3233.301
Minimum BIC		3206.407

Step 10

S/N	Hypothesis	BIC Values
	Math Major, 2nd Regime, & 3rd Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 1 Business Major, & 2nd Regime	3205.627
	Math Major, 1st Regime, & 3rd Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 2 Business Major, & 2nd Regime	3204.697
	Math Major, 1st Regime, & 2nd Regime Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime 3 Business Major, & 2nd Regime	3204.458
	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major, 2nd Regime, & 3rd Regime 4 Business Major, & 2nd Regime	3174.019
	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major, 1st Regime, & 3rd Regime 5 Business Major, & 2nd Regime	3194.872

	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major, 1st Regime, & 2nd Regime 6 Business Major, & 2nd Regime	3194.884
	Math Major, 1st Regime, 2nd Regime, & 3rd Regime 7 Phyisc Major, 1st Regime, 2nd Regime, & 3rd Regime	3203.178
Minimum BIC		3174.019

Step 11

S/N	Hypothesis	BIC Values
	Math Major, 2nd Regime, & 3rd Regime Phyisc Major, 2nd Regime, & 3rd Regime 1 Business Major, & 2nd Regime	3163.542
	Math Major, 1st Regime, & 3rd Regime Phyisc Major, 2nd Regime, & 3rd Regime 2 Business Major, & 2nd Regime	3172.06
	Math Major, 1st Regime, & 2nd Regime Phyisc Major, 2nd Regime, & 3rd Regime 3 Business Major, & 2nd Regime	3172.057
	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major & 3rd Regime 4 Business Major, & 2nd Regime	3164.705
	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major & 2nd Regime 5 Business Major, & 2nd Regime	3162.502
	Math Major, 1st Regime, 2nd Regime, & 3rd Regime 6 Phyisc Major, 2nd Regime, & 3rd Regime	3171.593
Minimum BIC		3162.502

Step 12

S/N	Hypothesis	BIC Values
1	Math Major, 2nd Regime, & 3rd Regime Phyisc Major & 2nd Regime Business Major, & 2nd Regime	3152.026
2	Math Major, 1st Regime, & 3rd Regime Phyisc Major & 2nd Regime Business Major, & 2nd Regime	3160.623
3	Math Major, 1st Regime, & 2nd Regime Phyisc Major & 2nd Regime Business Major, & 2nd Regime	3161.8
4	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Business Major, & 2nd Regime	3151.904
5	Math Major, 1st Regime, 2nd Regime, & 3rd Regime Phyisc Major & 2nd Regime	3160.506
Minimum BIC		3151.904

Step 13

S/N	Hypothesis	BIC Values
1	Math Major, 2nd Regime, & 3rd Regime Business Major, & 2nd Regime	3140.547
2	Math Major, 1st Regime, & 3rd Regime Business Major, & 2nd Regime	3145.219
3	Math Major, 1st Regime, & 2nd Regime Business Major, & 2nd Regime	3151.063
4	Math Major, 1st Regime, 2nd Regime, & 3rd Regime	3148.753
Minimum BIC		3140.547

Step 14

S/N	Hypothesis	BIC Values
1	Math Major, & 3rd Regime Business Major, & 2nd Regime	3134 . 725
2	Math Major, & 2nd Regime Business Major, & 2nd Regime	3139 . 708
3	Math Major, 2nd Regime, & 3rd Regime	3136 . 372
Minimum BIC		3134.725

Step 15

S/N	Hypothesis	BIC Values
1	Business Major, & 2nd Regime	3134 . 097
2	Math Major, & 3rd Regime	3130 . 669
Minimum BIC		3130.669

Step 16

S/N	Hypothesis	BIC Values
1	All Zeros	3130.12

Summary

Hypothesis	Bic Value
Step 1	3738.112
Step 2	3589.767
Step 3	3499.388
Step 4	3451.058
Step 5	3402.792
Step 6	3362.097
Step 7	3269.29
Step 8	3236.406
Step 9	3206.407
Step 10	3174.019
Step 11	3162.502
Step 12	3151.904
Step 13	3140.547
Step 14	3134.725
Step 15	3130.669
Step 16	3130.12