	Veriable	Loadings
1	APSI_1	0.83
2	APSI_2	0.77
3	APSI_3	0.29
4	APSI_4	0.82
5	APSI_5	0.69
6	APSI_6	0.04
7	APSI_7	0.77
8	APSI_8	0.81

Table 1: Factor Loadings for Confirmatory Factor Analysis with Lavaan of APSI, 3 Factors

	Factor	op	Veriable	Loadings
1	Factor1	=~	APSI_1	0.83
2	Factor1	=~	APSI_2	0.77
3	Factor1	=~	APSI_4	0.82
4	Factor1	=~	APSI_5	0.69
5	Factor1	=~	APSI_7	0.77
6	Factor1	=~	APSI_8	0.81
7	Factor2	=~	APSI_3	1.00
8	Factor3	=~	APSI_6	1.00
20	Factor1	~~	Factor2	0.30
21	Factor1	~~	Factor3	0.05
22	Factor2	~~	Factor3	-0.25

Table 2: Factor Loadings for Confirmatory Factor Analysis with Lavaan of APSI, 3 Factors

	Factor	op	Veriable	Loadings
1	Factor1	=~	APSI_1	0.83
2	Factor1	=~	APSI_2	0.77
3	Factor1	=~	APSI_4	0.82
4	Factor1	=~	APSI_5	0.68
5	Factor1	=~	APSI_7	0.77
6	Factor1	=~	APSI_8	0.81
7	APSI_1	~~	APSI_1	0.31
8	APSI_2	~~	APSI_2	0.41
9	APSI_4	~~	APSI_4	0.33
10	APSI_5	~~	APSI_5	0.54
11	APSI_7	~~	APSI_7	0.40
12	APSI_8	~~	APSI_8	0.35
13	Factor1	~~	Factor1	1.00

Table 3: Factor Loadings for Confirmatory Factor Analysis with Lavaan of APSI, items 1, 2, 4, 5, 7, 8, One Factor

	Factor	op	Veriable	Loadings
1	FeelingNow	=~	APSI_1	0.86
2	FeelingNow	=~	APSI_2	0.80
3	FeelingNow	=~	APSI_5	0.70
4	Futuregoals	=~	APSI_4	0.84
5	Futuregoals	=~	APSI_7	0.80
6	Futuregoals	=~	APSI_8	0.83
15	FeelingNow	~~	Futuregoals	0.91

Table 4: Factor Loadings for Confirmatory Factor Analysis with Lavaan of APSI, Two Factors

	Factor	op	Veriable	Loadings
1	FeelingNow	=~	APSI_1	0.86
2	FeelingNow	=~	APSI_2	0.80
3	FeelingNow	=~	APSI_5	0.70
4	Futuregoals	=~	APSI_4	0.84
5	Futuregoals	=~	APSI_7	0.80
6	Futuregoals	=~	APSI_8	0.83
7	Purpose	=~	FeelingNow	0.95
8	Purpose	=~	Futuregoals	0.95
16	Futuregoals	~~	Futuregoals	0.09
17	Purpose	~~	Purpose	1.00

Table 5: Factor Loadings for Confirmatory Factor Analysis with Lavaan of APSI, Two Factors with Higher Order Purpose Factor

	Factor	op	Veriable	Loadings
1	FeelingNow	=~	APSI_1	0.19
2	FeelingNow	=~	APSI_2	0.39
3	FeelingNow	=~	APSI_5	0.27
4	Futuregoals	=~	APSI_4	0.14
5	Futuregoals	=~	APSI_7	0.43
6	Futuregoals	=~	APSI_8	0.15
7	Purpose	=~	APSI_1	0.82
8	Purpose	=~	APSI_2	0.74
9	Purpose	=~	APSI_5	0.65
10	Purpose	=~	APSI_4	0.82
11	Purpose	=~	APSI_7	0.75
12	Purpose	=~	APSI_8	0.80

Table 6: Factor Loadings for Confirmatory Factor Analysis with Lavaan of APSI, 2 Factors and Bi-Factor Model

	Factor	op	Veriable	Loadings
1	FeelingPurposeNow	=~	APSI_1	0.86
2	FeelingPurposeNow	=~	APSI_2	0.80
3	FeelingPurposeNow	=~	APSI_5	0.70
4	Futuregoals	=~	APSI_4	0.84
5	Futuregoals	=~	APSI_7	0.80
6	Futuregoals	=~	APSI_8	0.83
7	Purpose	=~	FeelingPurposeNow	0.97
8	Purpose	=~	Futuregoals	0.93
55	FeelingPurposeNow	~~	FeelingPurposeNow	0.05
56	Futuregoals	~~	Futuregoals	0.13
57	Purpose	~~	Purpose	1.00
58	English	~~	English	1.00
59	Math	~~	Math	1.00
60	Science	~~	Science	1.00
61	Subjects	~~	Subjects	1.00
62	Purpose	~~	English	0.18
63	Purpose	~~	Math	0.15
64	Purpose	~~	Science	0.13
65	Purpose	~~	Subjects	0.17
66	English	~~	Math	0.24
67	English	~~	Science	0.40
68	English	~~	Subjects	0.68
69	Math	~~	Science	0.52
70	Math	~~	Subjects	0.69
71	Science	~~	Subjects	0.70

Table 7: Factor Loadings for Discriminant Analysis with Lavaan of APSI compared to Academic Self Concept

	Factor	op	Veriable	Loadings
1	FeelingPurposeNow	=~	APSI_1	0.87
2	FeelingPurposeNow	=~	APSI_2	0.80
3	FeelingPurposeNow	=~	APSI_5	0.69
4	Futuregoals	=~	APSI_4	0.84
5	Futuregoals	=~	APSI_7	0.79
6	Futuregoals	=~	APSI_8	0.82
7	Purpose	=~	FeelingPurposeNow	0.99
8	Purpose	=~	Futuregoals	0.92
9	MLQP	=~	MLQ_1	0.79
10	MLQP	=~	MLQ_4	0.81
11	MLQP	=~	MLQ_5	0.76
12	MLQP	=~	MLQ_6	0.81
13	MLQP	=~	MLQ_9	-0.38
14	MLQS	=~	MLQ_2	0.80
15	MLQS	=~	MLQ_3	0.75
16	MLQS	=~	MLQ_7	0.74
17	MLQS	=~	MLQ_8	0.74
18	MLQS	=~	MLQ_10	0.80
35	FeelingPurposeNow	~~	FeelingPurposeNow	0.02
36	Futuregoals	~~	Futuregoals	0.16
37	Purpose	~~	Purpose	1.00
38	MLQP	~~	MLQP	1.00
39	MLQS	~~	MLQS	1.00
40	Purpose	~~	MLQP	0.69
41	Purpose	~~	MLQS	0.15
42	MLQP	~~	MLQS	0.16

Table 8: Factor Loadings for Convergant Analysis of APSI with MLQ-Present and MLQ Searching using Lavaan