

	Variable	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	Variable	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	Variable	Loadings
1	Factor1	=~ APSL.1	0.83
2	Factor1	=~ APSL.2	0.77
3	Factor1	=~ APSL.4	0.82
4	Factor1	=~ APSL.5	0.68
5	Factor1	=~ APSL.7	0.77
6	Factor1	=~ APSL.8	0.81
7	APSL.1	~~ APSL.1	0.31
8	APSL.2	~~ APSL.2	0.41
9	APSL.4	~~ APSL.4	0.33
10	APSL.5	~~ APSL.5	0.54
11	APSL.7	~~ APSL.7	0.40
12	APSL.8	~~ APSL.8	0.35
13	Factor1	~~ Factor1	1.00

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

Factor	op	Variable	Loadings
1	FeelingNow	=~ APSL.1	0.86
2	FeelingNow	=~ APSL.2	0.80
3	FeelingNow	=~ APSL.5	0.70
4	Futuregoals	=~ APSL.4	0.84
5	Futuregoals	=~ APSL.7	0.80
6	Futuregoals	=~ APSL.8	0.83
15	FeelingNow	~~ Futuregoals	0.91

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

Factor	op	Variable	Loadings
1	FeelingNow	=~ APSL.1	0.86
2	FeelingNow	=~ APSL.2	0.80
3	FeelingNow	=~ APSL.5	0.70
4	Futuregoals	=~ APSL.4	0.84
5	Futuregoals	=~ APSL.7	0.80
6	Futuregoals	=~ APSL.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 APSL, Two Factors with Higher Order Purpose Factor

Factor	op	Variable	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	Variable	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	Variable	Loadings
1	FeelingPurposeNow	=	APSI.1	0.86
2	FeelingPurposeNow	=	APSI.2	0.81
3	FeelingPurposeNow	=	APSI.5	0.68
4	Futuregoals	=	APSI.4	0.84
5	Futuregoals	=	APSI.7	0.80
6	Futuregoals	=	APSI.8	0.82
7	Purpose	=	FeelingPurposeNow	0.77
8	Purpose	=	Futuregoals	0.72
9	Purpose	=	MLQ.1	0.76
10	Purpose	=	MLQ.4	0.80
11	Purpose	=	MLQ.5	0.74
12	Purpose	=	MLQ.6	0.82
13	Purpose	=	MLQ.9	-0.35
14	SearchingPurpose	=	MLQ.2	0.80
15	SearchingPurpose	=	MLQ.3	0.75
16	SearchingPurpose	=	MLQ.7	0.74
17	SearchingPurpose	=	MLQ.8	0.74
18	SearchingPurpose	=	MLQ.10	0.80
35	FeelingPurposeNow	=	FeelingPurposeNow	0.41
36	Futuregoals	=	Futuregoals	0.48
37	Purpose	=	Purpose	1.00
38	SearchingPurpose	=	SearchingPurpose	1.00
39	Purpose	=	SearchingPurpose	0.17

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