

Appendix H

Experimental Data

Participant Id	Participant Background				Treatment 1					
	No. of Course Credits Taken	Academic Performance (GPA)	Total Experience (years)	OO Experience (years)	Complexity	IL	IS	OAC	AC	Time
N23	10	3.5	0.50	0.50	Low	20	6	4	16	109
G13	5	4.0	2.00	0.50	High	320	24	32	20	102
W4	5	4.0	0.75	0.25	High	320	24	32	20	120
N1	30	3.8	5.00	1.00	Low	20	6	4	16	70
G20	5	4.0	4.00	2.00	High	320	24	32	20	96
W1	5	4.0	3.00	3.00	High	320	24	32	20	97
G17	5	3.0	0.25	0.25	High	320	24	32	20	95
G27	15	4.0	0.50	0.50	High	320	24	32	20	120
N8	5	4.0	0.50	0.50	Low	20	6	4	16	80
G2	25	3.4	0.25	0.25	High	320	24	32	20	115
G23	10	4.0	4.00	0.25	High	320	24	32	20	95
N4	20	3.5	4.00	0.25	Low	20	6	4	16	70
N15	25	3.2	1.00	1.00	Low	20	6	4	16	92
G19	5	4.0	3.00	0.25	High	320	24	32	20	122
G8	5	4.0	1.00	1.00	High	320	24	32	20	102
G22	10	4.0	2.00	0.50	High	320	24	32	20	95
N5	15	3.7	3.00	2.00	Low	20	6	4	16	74
N22	15	3.7	0.50	0.50	Low	20	6	4	16	85
G29	10	4.0	0.50	0.50	High	320	24	32	20	105
N18	5	3.0	1.50	0.50	Low	20	6	4	16	70
N11	20	4.0	6.00	1.00	Low	20	6	4	16	101
N19	25	4.0	0.60	0.60	Low	20	6	4	16	94
G1	20	4.0	0.30	0.30	High	320	24	32	20	115
G15	30	3.5	0.25	0.25	High	320	24	32	20	105
G21	15	4.0	4.00	0.50	High	320	24	32	20	180
G4	25	2.8	0.50	0.50	High	320	24	32	20	120
W7	35	2.9	2.00	0.50	High	320	24	32	20	190
N7	5	4.0	0.25	0.25	Low	20	6	4	16	75
N10	30	4.0	1.00	0.50	Low	20	6	4	16	85
W17	5	3.0	0.50	0.25	Low	20	6	4	16	90
W8	15	2.7	0.50	0.50	High	320	24	32	20	125
N16	5	4.0	3.00	0.60	Low	20	6	4	16	130
V8	20	3.3	4.00	0.25	Low	20	6	4	16	95
W6	5	3.0	0.25	0.25	High	320	24	32	20	85
G26	5	3.0	0.50	0.50	High	320	24	32	20	145
G14	15	2.3	0.25	0.25	High	320	24	32	20	140
G25	20	4.0	0.50	0.50	High	320	24	32	20	150
W5	10	3.5	1.00	0.50	High	320	24	32	20	75
V15	30	3.3	0.50	0.50	Low	20	6	4	16	70
V10	5	3.0	0.25	0.25	Low	20	6	4	16	95
V11	10	3.5	0.25	0.25	Low	20	6	4	16	60

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Participant Id	Treatment 2					
	Complexity	IL	IS	OAC	AC	Time
N23	Low	36	5	11	8	43
G13	Low	36	5	11	8	50
W4	Low	36	5	11	8	55
N1	Low	36	5	11	8	55
G20	Low	36	5	11	8	57
W1	Low	36	5	11	8	57
G17	Low	36	5	11	8	60
G27	Low	36	5	11	8	60
N8	Low	36	5	11	8	60
G2	Low	36	5	11	8	62
G23	Low	36	5	11	8	62
N4	Low	36	5	11	8	62
N15	Low	36	5	11	8	62
G19	Low	36	5	11	8	63
G8	Low	36	5	11	8	64
G22	Low	36	5	11	8	65
N5	Low	36	5	11	8	65
N22	Low	36	5	11	8	65
G29	Low	36	5	11	8	66
N18	Low	36	5	11	8	68
N11	Low	36	5	11	8	69
N19	Low	36	5	11	8	72
G1	Low	36	5	11	8	74
G15	Low	36	5	11	8	75
G21	Low	36	5	11	8	75
G4	Low	36	5	11	8	75
W7	Low	36	5	11	8	75
N7	Low	36	5	11	8	75
N10	Low	36	5	11	8	75
W17	High	70	5	17	20	75
W8	Low	36	5	11	8	80
N16	Low	36	5	11	8	80
V8	High	70	5	17	20	80
W6	Low	36	5	11	8	87
G26	Low	36	5	11	8	90
G14	Low	36	5	11	8	90
G25	Low	36	5	11	8	90
W5	Low	36	5	11	8	90
V15	High	70	5	17	20	90
V10	High	70	5	17	20	90
V11	High	70	5	17	20	90

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Participant Id	Participant Background				Treatment 1					
	No. of Course Credits Taken	Academic Performance (GPA)	Total Experience (years)	OO Experience (years)	Complexity	IL	IS	OAC	AC	Time
W11	10	4.0	5.00	1.00	Low	20	6	4	16	70
W15	5	4.0	0.50	0.50	Low	20	6	4	16	86
N9	5	3.0	0.50	0.50	Low	20	6	4	16	64
G30	30	3.3	1.25	0.25	High	320	24	32	20	160
G6	10	3.0	4.00	0.25	High	320	24	32	20	170
W2	5	4.0	3.00	0.50	High	320	24	32	20	121
N20	5	4.0	0.50	0.50	Low	20	6	4	16	122
V5	15	3.0	0.30	0.30	Low	20	6	4	16	65
W19	10	3.5	0.50	0.50	Low	20	6	4	16	80
V20	20	3.0	5.00	4.00	Low	20	6	4	16	80
W12	5	4.0	0.60	0.60	Low	20	6	4	16	93
G5	20	4.3	1.00	0.50	High	320	24	32	20	155
G28	10	3.0	0.25	0.25	High	320	24	32	20	147
N13	5	4.0	4.00	0.30	Low	20	6	4	16	100
W16	5	3.0	0.50	0.25	Low	20	6	4	16	99
W26	10	3.5	1.00	0.50	Low	20	6	4	16	140
W23	15	3.7	6.00	0.50	Low	20	6	4	16	52
V12	30	3.5	1.00	0.50	Low	20	6	4	16	90
V14	25	3.6	0.50	0.50	Low	20	6	4	16	111
W18	10	4.0	0.50	0.50	Low	20	6	4	16	85
W20	25	3.4	1.00	1.00	Low	20	6	4	16	90
W25	10	2.5	0.30	0.30	Low	20	6	4	16	120
G3	15	3.7	0.50	0.50	High	320	24	32	20	166
G7	15	4.0	3.00	0.25	High	320	24	32	20	120
W9	5	3.0	0.50	0.50	High	320	24	32	20	100
V18	10	4.0	0.50	0.50	Low	20	6	4	16	75
W21	20	3.0	0.50	0.50	Low	20	6	4	16	126
N12	30	3.8	1.00	1.00	Low	20	6	4	16	90
V4	30	2.5	5.00	2.00	Low	20	6	4	16	105
G24	5	3.0	1.00	0.30	High	320	24	32	20	95
N2	20	4.0	10.00	0.60	Low	20	6	4	16	106
W3	5	4.0	15.00	0.50	High	320	24	32	20	180
W10	5	3.0	10.00	1.50	High	320	24	32	20	120
N3	5	3.0	0.25	0.25	Low	20	6	4	16	160
V9	25	3.4	1.00	1.00	Low	20	6	4	16	110
V1	30	3.6	7.00	4.00	Low	20	6	4	16	90
V21	5	4.0	2.00	0.50	Low	20	6	4	16	126
N17	25	3.4	2.00	0.50	Low	20	6	4	16	135
V6	15	4.0	7.00	1.50	Low	20	6	4	16	130
V19	10	3.5	0.50	0.25	Low	20	6	4	16	75
G9	10	3.0	0.25	0.25	High	320	24	32	20	150

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Experimental Data

Participant Id	Treatment 2					
	Complexity	IL	IS	OAC	AC	Time
W11	High	70	5	17	20	90
W15	High	70	5	17	20	90
N9	Low	36	5	11	8	91
G30	Low	36	5	11	8	95
G6	Low	36	5	11	8	95
W2	Low	36	5	11	8	95
N20	Low	36	5	11	8	95
V5	High	70	5	17	20	95
W19	High	70	5	17	20	95
V20	High	70	5	17	20	98
W12	High	70	5	17	20	98
G5	Low	36	5	11	8	100
G28	Low	36	5	11	8	100
N13	Low	36	5	11	8	100
W16	High	70	5	17	20	100
W26	High	70	5	17	20	100
W23	High	70	5	17	20	101
V12	High	70	5	17	20	105
V14	High	70	5	17	20	105
W18	High	70	5	17	20	105
W20	High	70	5	17	20	105
W25	High	70	5	17	20	105
G3	Low	36	5	11	8	109
G7	Low	36	5	11	8	110
W9	Low	36	5	11	8	110
V18	High	70	5	17	20	110
W21	High	70	5	17	20	110
N12	Low	36	5	11	8	115
V4	High	70	5	17	20	117
G24	Low	36	5	11	8	118
N2	Low	36	5	11	8	119
W3	Low	36	5	11	8	120
W10	Low	36	5	11	8	120
N3	Low	36	5	11	8	120
V9	High	70	5	17	20	120
V1	High	70	5	17	20	120
V21	High	70	5	17	20	120
N17	Low	36	5	11	8	125
V6	High	70	5	17	20	125
V19	High	70	5	17	20	126
G9	Low	36	5	11	8	130

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Experimental Data

Participant Id	Participant Background				Treatment 1					
	No. of Course Credits Taken	Academic Performance (GPA)	Total Experience (years)	OO Experience (years)	Complexity	IL	IS	OAC	AC	Time
N6	5	3.0	0.50	0.50	Low	20	6	4	16	75
V16	30	4.0	0.50	0.50	Low	20	6	4	16	115
N14	25	3.4	10.00	0.30	Low	20	6	4	16	134
W14	20	3.5	1.00	1.00	Low	20	6	4	16	115
V2	20	3.3	0.50	0.50	Low	20	6	4	16	122
W13	10	3.5	0.25	0.25	Low	20	6	4	16	110
V13	5	2.0	0.25	0.25	Low	20	6	4	16	125
V3	20	3.0	8.00	0.25	Low	20	6	4	16	110
W22	5	4.0	1.00	0.25	Low	20	6	4	16	117
V7	10	4.0	2.00	0.25	Low	20	6	4	16	120
W24	20	3.5	1.00	0.25	Low	20	6	4	16	122

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Experimental Data

Participant Id	Treatment 2					
	Complexity	IL	IS	OAC	AC	Time
N6	Low	36	5	11	8	130
V16	High	70	5	17	20	130
N14	Low	36	5	11	8	135
W14	High	70	5	17	20	135
V2	High	70	5	17	20	140
W13	High	70	5	17	20	140
V13	High	70	5	17	20	145
V3	High	70	5	17	20	150
W22	High	70	5	17	20	165
V7	High	70	5	17	20	170
W24	High	70	5	17	20	185