

Supplemental Table 4. Standardized Path Coefficients from Multivariate Models with 95% Confidence Intervals

Path Coefficients from Alcohol and Depression Model with 95% Confidence Intervals

W8 Coping regressed on	Lower 2.5%	Estimate	Upper 2.5%
W7 Coping	-0.044	0.109	0.262
W7 Alcohol Problems	-0.025	0.142	0.309
W7 Depression	0.015	0.214	0.414
W7 Externalizing	-0.197	0.049	0.296
W7 Alcohol Use	-0.214	-0.058	0.098

W9 Coping regressed on

W8 Coping	-0.047	0.114	0.274
W8 Alcohol Problems	-0.023	0.159	0.342
W8 Depression	0.013	0.244	0.485
W8 Externalizing	-0.237	0.059	0.356
W8 Alcohol Use	-0.168	-0.046	0.077

W8 Social Enhancement regressed on

W7 Social Enhancement	0.151	0.286	0.416
W7 Alcohol Problems	-0.078	0.079	0.237
W7 Depression	-0.198	-0.024	0.150
W7 Externalizing	-0.141	0.068	0.277
W7 Alcohol Use	-0.297	-0.114	0.068

W9 Social Enhancement regressed on

W8 Social Enhancement	0.151	0.294	0.446
W8 Alcohol Problems	-0.087	0.091	0.270
W8 Depression	-0.234	-0.028	0.178

W8 Externalizing	-0.174	0.084	0.341
W8 Alcohol Use	-0.237	-0.093	0.052

W8 Externalizing regressed on

W7 Externalizing	0.126	0.357	0.587
W7 Social Enhancement	-0.075	0.089	0.252
W7 Coping	-0.170	-0.015	0.139
W7 Depression	-0.027	0.222	0.470
W7 Alcohol Problems	-0.085	0.067	0.219
W7 Alcohol Use	-0.280	-0.141	-0.001

W9 Externalizing regressed on

W8 Externalizing	0.146	0.408	0.671
W8 Social Enhancement	-0.075	0.087	0.249
W8 Coping	-0.168	-0.015	0.138
W8 Depression	-0.035	0.245	0.525
W8 Alcohol Problems	-0.093	0.071	0.236
W8 Alcohol Use	-0.202	-0.106	-0.010

W8 Alcohol Problems regressed on

W7 Alcohol Problems	0.245	0.453	0.661
W7 Social Enhancement	-0.080	0.171	0.422
W7 Coping	-0.137	0.003	0.143
W7 Depression	-0.240	-0.066	0.107
W7 Externalizing	-0.245	0.003	0.252
W7 Alcohol Use	-0.288	-0.098	0.093

W9 Alcohol Problems regressed on

W8 Alcohol Problems	0.257	0.507	0.756
W8 Social Enhancement	-0.089	0.175	0.439
W8 Coping	-0.143	0.003	0.149
W8 Depression	-0.277	-0.077	0.123
W8 Externalizing	-0.293	0.004	0.302
W8 Alcohol Use	-0.224	-0.077	0.070

W8 Depression regressed on

W7 Social Enhancement	-0.166	-0.005	0.157
W7 Coping	0.096	0.277	0.459
W7 Externalizing	0.180	0.348	0.516
W7 Alcohol Problems	-0.122	0.055	0.232
W7 Alcohol Use	-0.405	-0.181	0.042

W8 Alcohol Use regressed on

W7 Social Enhancement	-0.105	0.133	0.370
W7 Coping	-0.348	-0.140	0.068
W7 Depression	-0.602	-0.191	0.221
W7 Alcohol Problems	-0.001	0.193	0.387
W7 Externalizing	-0.270	0.110	0.490

W9 Depression regressed on

W8 Social Enhancement	-0.166	-0.005	0.157
W8 Coping	0.097	0.282	0.466
W8 Externalizing	0.206	0.408	0.610
W8 Alcohol Problems	-0.135	0.060	0.256
W8 Alcohol Use	-0.325	-0.139	0.046

W9 Alcohol Use regressed on

W8 Social Enhancement	-0.133	0.171	0.475
W8 Coping	-0.457	-0.183	0.092
W8 Depression	-0.883	-0.277	0.329
W8 Alcohol Problems	-0.011	0.271	0.554
W8 Externalizing	-0.403	0.166	0.734

Path Coefficients from Alcohol and Social Anxiety Model with 95% Confidence Intervals

W8 Coping regressed on	Lower 2.5%	Estimate	Upper 2.5%
W7 Coping	-0.063	0.073	0.208
W7 Alcohol Problems	0.003	0.142	0.261
W7 Social Anxiety	0.144	0.313	0.492
W7 Externalizing	-0.077	0.083	0.243
W7 Alcohol Use	-0.142	0.000	0.141

W9 Coping regressed on

W8 Coping	-0.066	0.078	0.222
W8 Alcohol Problems	0.006	0.158	0.289
W8 Social Anxiety	0.141	0.332	0.544
W8 Externalizing	-0.091	0.099	0.288
W8 Alcohol Use	-0.114	0.000	0.114

W8 Social Enhancement regressed on

W7 Social Enhancement	0.149	0.298	0.435
W7 Alcohol Problems	-0.099	0.065	0.228
W7 Social Anxiety	-0.039	0.135	0.309

W7 Externalizing	-0.167	-0.010	0.147
W7 Alcohol Use	-0.253	-0.065	0.123

W9 Social Enhancement regressed on

W8 Social Enhancement	0.148	0.308	0.469
W8 Alcohol Problems	-0.111	0.074	0.259
W8 Social Anxiety	-0.047	0.149	0.344
W8 Externalizing	-0.203	-0.012	0.178
W8 Alcohol Use	-0.203	-0.053	0.096

W8 Social Anxiety regressed on

W7 Social Anxiety	0.064	0.312	0.575
W7 Social Enhancement	-0.100	0.095	0.289
W7 Coping	-0.050	0.100	0.251
W7 Externalizing	-0.086	0.077	0.240
W7 Alcohol Problems	-0.135	-0.007	0.122
W7 Alcohol Use	-0.190	-0.050	0.090

W9 Social Anxiety regressed on

W8 Social Anxiety	0.052	0.334	0.635
W8 Social Enhancement	-0.106	0.098	0.302
W8 Coping	-0.055	0.107	0.269
W8 Externalizing	-0.103	0.092	0.286
W8 Alcohol Problems	-0.152	-0.008	0.136
W8 Alcohol Use	-0.153	-0.040	0.073

W8 Externalizing regressed on

W7 Externalizing	0.354	0.480	0.606
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W7 Social Enhancement	-0.109	0.052	0.214
W7 Coping	-0.200	-0.063	0.075
W7 Social Anxiety	0.039	0.213	0.347
W7 Alcohol Problems	-0.076	0.075	0.227
W7 Alcohol Use	-0.239	-0.118	0.003

W9 Externalizing regressed on

W8 Externalizing	0.391	0.542	0.703
W8 Social Enhancement	-0.109	0.052	0.213
W8 Coping	-0.204	-0.064	0.076
W8 Social Anxiety	0.034	0.208	0.363
W8 Alcohol Problems	-0.083	0.081	0.245
W8 Alcohol Use	-0.180	-0.091	-0.001

W8 Alcohol Problems regressed on

W7 Alcohol Problems	0.253	0.458	0.648
W7 Social Enhancement	-0.050	0.176	0.402
W7 Coping	-0.107	0.018	0.142
W7 Social Anxiety	-0.209	-0.060	0.090
W7 Externalizing	-0.178	-0.007	0.164
W7 Alcohol Use	-0.275	-0.107	0.061

W9 Alcohol Problems regressed on

W8 Alcohol Problems	0.266	0.524	0.741
W8 Social Enhancement	-0.057	0.182	0.421
W8 Coping	-0.115	0.019	0.152
W8 Social Anxiety	-0.225	-0.064	0.096
W8 Externalizing	-0.212	-0.008	0.196

W8 Alcohol Use	-0.219	-0.086	0.047
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W8 Alcohol Use regressed on

W7 Social Enhancement	-0.043	0.163	0.369
W7 Coping	-0.260	-0.087	0.086
W7 Social Anxiety	-0.342	-0.156	0.030
W7 Alcohol Problems	0.010	0.166	0.363
W7 Externalizing	-0.159	0.023	0.206

W9 Alcohol Use regressed on

W8 Social Enhancement	-0.052	0.212	0.475
W8 Coping	-0.347	-0.116	0.115
W8 Social Anxiety	-0.453	-0.211	0.031
W8 Alcohol Problems	0.009	0.261	0.513
W8 Externalizing	-0.236	0.035	0.306

Path Coefficients from Cannabis and Depression Model with 95% Confidence Intervals

W8 Coping regressed on	Lower 2.5%	Estimate	Upper 2.5%
W7 Coping	0.122	0.271	0.440
W7 Cannabis Problems	-0.307	-0.083	0.142
W7 Depression	-0.058	0.154	0.365
W7 Externalizing	-0.105	0.081	0.266
W7 Cannabis Use	-0.040	0.152	0.344

W9 Coping regressed on

W8 Coping	0.128	0.290	0.473
W8 Cannabis Problems	-0.303	-0.081	0.141

W8 Depression	-0.065	0.172	0.409
W8 Externalizing	-0.124	0.095	0.315
W8 Cannabis Use	-0.043	0.166	0.375

W8 Externalizing regressed on

W7 Externalizing	0.237	0.406	0.556
W7 Social Enhancement	-0.090	0.042	0.173
W7 Coping	-0.087	0.062	0.211
W7 Depression	0.003	0.199	0.395
W7 Cannabis Problems	-0.057	0.096	0.248
W7 Cannabis Use	-0.225	-0.085	0.056

W9 Externalizing regressed on

W8 Externalizing	0.270	0.473	0.635
W8 Social Enhancement	-0.085	0.039	0.163
W8 Coping	-0.090	0.064	0.218
W8 Depression	-0.001	0.216	0.434
W8 Cannabis Problems	-0.055	0.090	0.235
W8 Cannabis Use	-0.237	-0.089	0.058

W8 Social Enhancement regressed on

W7 Cannabis Problems	-0.092	0.118	0.328
W7 Depression	-0.373	-0.107	0.158
W7 Externalizing	-0.133	0.122	0.376
W7 Cannabis Use	-0.094	0.169	0.431

W8 Cannabis Problems regressed on

W7 Social Enhancement	-0.237	0.088	0.413
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W7 Coping	-0.406	-0.104	0.199
W7 Depression	-0.343	0.002	0.348
W7 Externalizing	-0.108	0.208	0.523
W7 Cannabis Use	-0.237	0.095	0.428

W8 Depression regressed on

W7 Social Enhancement	-0.199 -	0.041	0.117
W7 Coping	0.027	0.204	0.386
W7 Externalizing	0.190	0.354	0.520
W7 Cannabis Problems	-0.190	0.004	0.198
W7 Cannabis Use	-0.068	0.213	0.494

W8 Cannabis Use regressed on

W7 Coping	-0.268	0.089	0.446
W7 Social Enhancement	-0.170	0.091	0.353
W7 Cannabis Problems	-0.352	-0.040	0.271
W7 Depression	0.269	0.574	0.883
W7 Externalizing	-0.603	-0.295	0.013

W9 Social Enhancement regressed on

W8 Cannabis Problems	-0.099	0.121	0.341
W8 Depression	-0.437	-0.126	0.185
W8 Externalizing	-0.167	0.151	0.468
W8 Cannabis Use	-0.102	0.193	0.489

W9 Cannabis Problems regressed on

W8 Social Enhancement	-0.241	0.090	0.421
W8 Coping	-0.452	-0.116	0.221

W8 Depression	-0.402	0.003	0.407
W8 Externalizing	-0.132	0.256	0.644
W8 Cannabis Use	-0.274	0.109	0.491

W9 Depression regressed on

W8 Social Enhancement	-0.188	-0.039	0.110
W8 Coping	0.029	0.204	0.401
W8 Externalizing	0.212	0.403	0.604
W8 Cannabis Problems	-0.181	0.004	0.189
W8 Cannabis Use	-0.085	0.226	0.537

W9 Cannabis Use regressed on

W8 Coping	-0.293	0.098	0.488
W8 Social Enhancement	-0.172	0.091	0.354
W8 Cannabis Problems	-0.352	-0.040	0.271
W8 Depression	0.303	0.652	1.020
W8 Externalizing	-0.737	-0.356	0.024

Path Coefficients from Cannabis and Social Anxiety Model with 95% Confidence Intervals

W8 Coping regressed on	Lower 2.5%	Estimate	Upper 2.5%
W7 Coping	0.049	0.237	0.426
W7 Cannabis Problems	-0.508	-0.226	0.056
W7 Social Anxiety	-0.071	0.154	0.378
W7 Externalizing	-0.050	0.216	0.482
W7 Cannabis Use	-0.112	0.174	0.460

W9 Coping regressed on

W8 Coping	0.037	0.267	0.498
W8 Cannabis Problems	-0.415	-0.079	0.256
W8 Social Anxiety	-0.327	-0.067	0.194
W8 Externalizing	-0.139	0.151	0.442
W8 Cannabis Use	-0.104	0.259	0.621

W8 Social Anxiety regressed on

W7 Social Anxiety	0.177	0.416	0.650
W7 Social Enhancement	-0.153	0.310	0.773
W7 Coping	-0.459	0.029	0.51
W7 Externalizing	-0.367	-0.126	0.114
W7 Cannabis Problems	-0.417	-0.104	0.209
W7 Cannabis Use	-0.356	0.012	0.380

W9 Social Anxiety regressed on

W8 Social Anxiety	0.146	0.447	0.736
W8 Social Enhancement	-0.395	-0.158	0.079
W8 Coping	-0.193	0.055	0.303
W8 Externalizing	-0.074	0.156	0.386
W8 Cannabis Problems	-0.380	-0.166	0.048
W8 Cannabis Use	-0.131	0.184	0.499

W8 Externalizing regressed on

W7 Externalizing	0.377	0.479	0.581
W7 Social Enhancement	-0.139	0.169	0.477
W7 Coping	-0.301	-0.002	0.297
W7 Social Anxiety	-0.106	0.128	0.362
W7 Cannabis Problems	-0.205	0.043	0.291

W7 Cannabis Use	-0.369	-0.115	0.140
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W9 Externalizing regressed on

W8 Externalizing	0.339	0.491	0.643
W8 Social Enhancement	-0.392	-0.171	0.049
W8 Coping	-0.158	0.080	0.318
W8 Social Anxiety	-0.006	0.209	0.423
W8 Cannabis Problems	0.072	0.238	0.404
W8 Cannabis Use	-0.304	-0.068	0.167

W8 Social Enhancement regressed on

W7 Cannabis Problems	-0.555	-0.234	0.088
W7 Social Anxiety	-0.480	-0.181	0.118
W7 Externalizing	-0.447	0.019	0.485
W7 Cannabis Use	-0.233	0.191	0.616

W8 Cannabis Problems regressed on

W7 Social Enhancement	-0.833	-0.309	0.215
W7 Coping	-0.321	0.158	0.638
W7 Social Anxiety	-0.735	-0.229	0.278
W7 Externalizing	-0.018	0.475	0.968
W7 Cannabis Use	-0.421	0.157	0.736

W8 Cannabis Use regressed on

W7 Coping	-0.494	0.257	1.008
W7 Social Enhancement	-0.689	0.037	0.764
W7 Cannabis Problems	-0.538	-0.020	0.499
W7 Social Anxiety	-0.283	0.177	0.637

W7 Externalizing	-0.340	0.055	0.450
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W9 Social Enhancement regressed on

W8 Cannabis Problems	-0.151	0.171	0.493
W8 Social Anxiety	-0.290	0.064	0.418
W8 Externalizing	-0.442	-0.113	0.215
W8 Cannabis Use	-0.106	0.234	0.573

W9 Cannabis Problems regressed on

W8 Social Enhancement	-0.499	-0.107	0.286
W8 Coping	-0.524	-0.122	0.279
W8 Social Anxiety	-0.456	-0.024	0.409
W8 Externalizing	-0.274	0.093	0.460
W8 Cannabis Use	-0.410	0.168	0.747

W9 Cannabis Use regressed on

W8 Coping	-0.605	0.134	0.336
W8 Social Enhancement	-0.371	0.103	0.578
W8 Cannabis Problems	-0.407	0.135	0.677
W8 Social Anxiety	-0.284	0.156	0.597
W8 Externalizing	-0.529	0.002	0.534