

Excerpt from the ASI-5 continued

Most responses are coded 0 (less) to 4 (more).

2,142 respondents and 42 questions.

D1MONTH	Number of days used alcohol in the past 30.
D1LIFE	Number of years used alcohol in your lifetime.
D2MONTH	Number of days used alcohol to intoxication/past 30.
D2LIFE	Number of years used alcohol to intoxication/lifetime.
D3MONTH	Number of days used heroin in the past 30.
D3LIFE	Number of years used heroin in your lifetime.
D4MONTH	Number of days used methadone in the past 30.
D4LIFE	Number of years used methadone in your lifetime.
D5MONTH	Number of days used opiates/analgesics in past 30.
D5LIFE	Number of years used opiates/analgesics in lifetime.
D6MONTH	Number of days used barbiturates in the past 30.
D6LIFE	Number of years used barbiturates in lifetime.
D7MONTH	Number of days used sedatives in the past 30.
D7LIFE	Number of years used sedatives in lifetime.
D8MONTH	Number of days used cocaine in the past 30.
D8LIFE	Number of years used cocaine in lifetime.
D9MONTH	Number of days used amphetamines in the past 30.
D9LIFE	Number of years used amphetamines in lifetime.
D10MONTH	Number of days used cannabis in the past 30.
D10LIFE	Number of years used cannabis in lifetime.
D11MONTH	Number of days used hallucinogens in the past 30.
D11LIFE	Number of years used hallucinogens in lifetime.
D12MONTH	Number of days used inhalants in the past 30.
D12LIFE	Number of years used inhalants in lifetime.
D13MONTH	More than 1 substance per day, past 30 days.
D13LIFE	Number of years used more than 1 substance per day in lifetime.
D15.	How long was your last period of voluntary abstinence (months)?
D17.	How many times have you had Alcohol DT's (LIFETIME)?
D18.	How many times have you overdosed on Drugs?
D19.	Number of times in your life treated for Alcohol Abuse
D20.	Number of times in your life treated for Drug Abuse
D21.	How many of these were detox only? - Alcohol Abuse
D22.	How many of these were detox only? - Drug Abuse
D23.	How much money spent on Alcohol, past 30 days
D24.	How much money spent on Drugs, past 30 days
D25.	Number of days treated as outpatient for alcohol or da, past 30 days
D26.	Number of days experienced alcohol problems, past 30
D27.	Number of days experienced drug problems, past 30 days
D28.	Troubled or bothered by alcohol problems, past 30 days
D29.	Troubled or bothered by drug problems, past 30 days
D30.	How important is treatment for these alcohol problems?
D31.	How important is treatment for these drug problems?

```
samps<-sample(1:2142,replace=F)
D1<-Ditems[samps[1:1071],]
D2<-Ditems[samps[1072:2142],]
```

```
> fact(D1,maxfactors=7,method="norm",rotation="varimax",dec=3)
```

```
$loadings
```

	Factor1	Factor2	Factor3	Factor4	Factor5	Factor6	Factor7
D1M	-0.028	-0.069	0.947	-0.206	-0.058	0.068	0.028
D1L	-0.248	-0.161	0.146	-0.214	0.036	0.831	0.139
D2M	-0.080	-0.074	0.884	-0.292	-0.035	0.114	0.051
D2L	-0.193	-0.141	0.094	-0.228	0.062	0.831	0.169
D3M	0.071	0.867	-0.037	0.090	0.074	-0.067	-0.064
D3L	0.038	0.848	-0.105	0.047	0.214	-0.003	-0.003
D4M	0.006	0.799	-0.035	0.093	0.128	-0.043	-0.050
D4L	0.011	0.551	-0.035	0.041	0.165	-0.018	-0.022
D5M	0.052	0.191	0.010	0.053	0.223	-0.073	-0.051
D5L	0.055	0.243	-0.042	0.013	0.594	-0.005	0.006
D6M	-0.042	0.082	0.014	0.033	0.255	-0.022	0.058
D6L	-0.005	0.080	-0.019	0.050	0.616	-0.036	0.006
D7M	0.049	0.222	0.070	-0.012	0.309	-0.049	0.029
D7L	0.045	0.079	-0.027	-0.045	0.708	0.009	0.019
D8M	0.689	-0.075	0.259	0.214	-0.026	-0.148	-0.006
D8L	0.661	-0.220	-0.199	0.181	0.122	0.077	0.089
D9M	0.065	-0.025	0.015	0.009	-0.015	-0.064	-0.031
D9L	0.085	0.058	-0.040	-0.005	0.414	0.173	0.078
D10M	0.294	-0.028	0.218	0.075	0.098	0.009	-0.081
D10L	0.357	-0.044	-0.126	0.077	0.273	0.239	-0.076
D11M	0.006	0.024	0.021	-0.002	0.120	-0.112	-0.012
D11L	0.037	0.016	-0.033	0.012	0.377	0.070	0.013
D12M	0.046	-0.009	0.033	0.033	0.001	-0.030	-0.013
D12L	0.057	-0.004	-0.026	-0.026	0.231	0.031	0.035
D13M	0.547	0.297	0.444	0.088	0.146	0.022	0.028
D13L	0.423	0.103	-0.116	0.019	0.385	0.478	0.066
D15	0.112	-0.027	0.009	-0.044	0.030	-0.033	0.111
D17	-0.125	0.015	0.044	-0.171	0.039	0.097	0.293
D18	0.125	0.349	-0.079	-0.023	0.245	0.027	0.174
D19	-0.073	-0.112	-0.084	-0.195	0.088	0.232	0.776
D20	0.466	0.348	-0.213	0.121	0.183	-0.018	0.414
D21	-0.062	0.013	0.056	-0.062	0.037	0.099	0.799
D22	0.240	0.466	-0.050	0.107	0.126	-0.039	0.423
D23	-0.137	-0.065	0.745	-0.313	-0.046	0.059	0.079
D24	0.636	0.272	0.158	0.225	0.046	-0.172	-0.043
D25	-0.179	0.074	-0.572	0.024	0.103	0.192	0.125
D26	-0.218	-0.126	0.323	-0.716	-0.027	0.144	0.185
D27	0.777	0.248	-0.085	0.033	0.053	-0.056	-0.044
D28	-0.217	-0.155	0.275	-0.801	-0.014	0.134	0.150
D29	0.871	0.176	-0.125	0.012	0.051	-0.084	-0.015
D30	-0.165	-0.159	0.337	-0.769	-0.036	0.133	0.169
D31	0.865	0.145	-0.115	0.028	0.057	-0.118	-0.029

```
> fact(D2,maxfactors=7,method="norm",rotation="varimax",dec=3)
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```
$loadings
```

	Factor1	Factor2	Factor3	Factor4	Factor5	Factor6	Factor7
D1M	-0.093	-0.026	-0.905	-0.323	-0.121	0.009	-0.086
D1L	-0.122	-0.283	-0.146	-0.196	0.234	0.118	-0.818
D2M	-0.109	-0.051	-0.836	-0.398	-0.097	0.051	-0.131
D2L	-0.112	-0.225	-0.095	-0.206	0.247	0.170	-0.815
D3M	0.861	0.137	0.074	0.113	-0.095	-0.059	0.042
D3L	0.842	0.082	0.084	0.109	0.036	0.041	0.028
D4M	0.828	0.080	0.067	0.093	-0.048	-0.063	0.064
D4L	0.679	0.038	0.046	0.053	0.050	0.006	0.028
D5M	0.354	0.046	-0.049	0.042	0.076	0.041	0.008
D5L	0.422	0.013	0.059	0.008	0.241	0.061	-0.043
D6M	0.168	-0.004	-0.015	0.013	0.037	0.061	0.064
D6L	0.173	0.000	0.022	-0.019	0.277	0.005	-0.065
D7M	0.448	0.079	-0.013	-0.003	0.105	-0.064	-0.013
D7L	0.410	0.057	0.033	0.002	0.279	0.033	-0.013
D8M	-0.118	0.673	-0.294	0.192	0.098	0.008	0.149
D8L	-0.187	0.477	0.153	0.197	0.540	0.104	0.056
D9M	-0.008	0.006	-0.029	-0.076	0.063	0.006	0.026
D9L	0.157	0.030	0.039	-0.074	0.387	0.064	-0.144
D10M	-0.032	0.241	-0.312	0.057	0.244	-0.086	0.213
D10L	-0.013	0.126	0.053	0.123	0.659	0.006	0.091
D11M	0.048	0.076	-0.031	0.015	-0.004	-0.041	0.085
D11L	0.125	0.033	0.012	-0.019	0.278	-0.002	-0.013
D12M	0.001	-0.041	-0.057	0.012	0.052	-0.026	0.004
D12L	0.067	0.004	0.022	-0.008	0.100	0.013	-0.072
D13M	0.314	0.524	-0.461	0.024	0.227	-0.001	0.057
D13L	0.147	0.248	0.062	0.063	0.818	0.108	-0.194
D15	0.037	0.026	-0.017	-0.004	0.016	0.113	0.014
D17	0.016	-0.077	0.013	-0.139	-0.069	0.225	-0.149
D18	0.356	0.082	0.116	0.024	0.128	0.124	0.006
D19	-0.100	-0.057	0.095	-0.163	0.116	0.791	-0.221
D20	0.342	0.385	0.218	0.158	0.213	0.505	0.080
D21	0.006	-0.088	0.012	-0.072	-0.010	0.752	-0.139
D22	0.496	0.216	0.115	0.091	0.047	0.440	0.064
D23	-0.100	-0.138	-0.680	-0.388	-0.104	0.072	-0.072
D24	0.289	0.625	-0.140	0.226	0.055	0.021	0.179
D25	0.096	-0.192	0.593	0.042	0.196	0.139	-0.067
D26	-0.127	-0.177	-0.245	-0.764	-0.072	0.095	-0.161
D27	0.224	0.816	0.050	0.061	0.080	0.007	0.063
D28	-0.135	-0.163	-0.209	-0.859	-0.037	0.110	-0.153
D29	0.137	0.895	0.126	0.049	0.121	0.029	0.089
D30	-0.167	-0.182	-0.196	-0.809	-0.043	0.080	-0.191
D31	0.137	0.878	0.119	0.058	0.114	-0.005	0.098

```
> f1<-factscore(D1,maxfactors=7,method="norm",rotation="varimax",dec=2)[1:10,]
> f2<-factscore(D2,set2=D1,maxfactors=7,method="norm",
rotation="varimax",dec=2)[1:10,]
```

```
> f1
```

	Factor1	Factor2	Factor3	Factor4	Factor5	Factor6	Factor7
716	-0.76	-0.35	0.79	1.68	0.03	1.46	-0.82
673	-1.11	-0.11	0.31	-0.74	-0.54	0.59	-0.81
1966	0.10	-0.30	-0.17	-0.55	-0.52	-2.03	-0.45
1363	0.13	-0.52	-0.81	0.81	-0.28	-0.97	0.55
454	-1.24	-0.18	1.62	-0.63	-0.33	-1.12	0.61
1794	0.93	-0.30	1.18	-0.71	0.25	0.77	-0.51
1912	1.07	-0.44	0.41	0.92	-0.63	-1.67	-0.01
189	0.56	-0.31	-1.42	-1.85	-0.56	-0.54	-0.30
1331	0.90	-0.18	-0.37	0.49	-0.66	-1.74	0.19
1814	1.18	-0.08	0.42	1.17	-0.34	1.14	-0.12

```
> f2
```

	Factor1	Factor2	Factor3	Factor4	Factor5	Factor6	Factor7
716	-0.24	-1.16	-1.17	1.51	1.22	-0.79	-0.72
673	-0.15	-0.88	-0.12	-0.73	-0.90	-0.87	-0.97
1966	-0.41	0.26	0.36	-0.45	-1.11	-0.56	1.64
1363	-0.62	0.00	0.70	0.86	-0.21	0.64	1.13
454	-0.14	-1.11	-1.43	-0.93	-0.98	0.60	0.93
1794	-0.16	0.63	-1.20	-0.85	1.14	-0.48	-0.39
1912	-0.64	1.21	-0.39	0.90	-1.08	0.00	1.37
189	-0.51	0.77	1.65	-1.47	-0.42	-0.44	0.17
1331	-0.46	1.20	0.47	0.63	-1.44	0.33	1.24
1814	-0.14	1.08	-0.59	1.22	0.36	-0.12	-1.12

```
> round(cor(f1,f2),2)
```

	Factor1	Factor2	Factor3	Factor4	Factor5	Factor6	Factor7
Factor1	-0.41	0.97	0.29	0.24	0.07	0.13	0.14
Factor2	0.74	-0.07	-0.23	-0.22	-0.13	-0.20	-0.49
Factor3	0.70	-0.42	-0.98	0.05	0.29	-0.03	-0.26
Factor4	-0.10	0.02	-0.36	0.99	0.28	0.19	-0.07
Factor5	0.49	-0.32	-0.61	0.07	0.90	-0.20	-0.46
Factor6	0.67	-0.32	-0.43	0.17	0.83	-0.52	-0.96
Factor7	-0.36	0.17	0.09	0.09	-0.42	0.99	0.59