

```

AS_BL_r | -0.1199  -0.5320   0.2245  -0.2873   0.1716   0.0823
name: <unnamed>
log: C:\Users\k1774164\Local_data\Research\ED_project\documents\Lauren_CCA_2022\JAD 202
log type: smcl
opened on: 25 Apr 2024, 15:29:06

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. canon ( Neuroticism_BL_r Extraversion_BL_r Openness_BL_r Agreeableness_BL_r Conscientiousness

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Canonical correlation analysis Number of obs = **540**

Standardized coefficients for the first variable set

	1	2	3	4	5	6
Neuroticis~r	0.7874	0.1037	0.4199	0.1130	0.4477	0.1958
Extraversi~r	-0.2652	-0.0794	0.2402	0.1922	0.4948	0.6323
Openness_B~r	0.3117	0.1995	0.0373	0.2842	-0.1897	-0.3602
Agreeablen~r	0.1028	-0.4111	0.1590	0.4857	0.4245	-0.5580
Conscienti~r	0.5492	-0.2648	0.1489	-0.4151	-0.5285	0.3196
H_BL_r	-0.2399	0.2796	0.5510	0.3738	-0.3543	0.4171
AS_BL_r	-0.1199	-0.5320	0.2245	-0.2873	0.1716	0.0823
IMP_BL_r	0.5057	0.0405	-0.7317	-0.0103	0.2151	-0.0881
SS_BL_r	-0.1155	0.2972	0.5584	-0.6946	0.1825	-0.3847

Standardized coefficients for the second variable set

	1	2	3	4	5	6
bingeDev	0.2665	-0.2261	-0.1307	0.8740	-0.3345	0.5774
purgeDev	-0.2317	0.7861	-0.0980	-0.5577	0.2643	0.7552
fastDev3	0.4131	-0.4099	-0.8320	-0.1952	0.1145	-0.7847
sdepbandDev	-0.0713	0.0322	0.2001	0.4383	0.9280	-0.1288
sgenabandDev	0.7303	-0.1353	0.5792	-0.4299	0.0243	0.2700
DSHDev	0.1459	0.7711	0.0622	0.2609	-0.4373	-0.4948

Canonical correlations:
0.2816 0.2367 0.1749 0.1187 0.0921 0.0586

Tests of significance of all canonical correlations

	Statistic	df1	df2	F	Prob>F
Wilks' lambda	.820807	54	2681.58	1.9608	0.0000 a
Pillai's trace	.191897	54	3180	1.9457	0.0000 a
Lawley-Hotelling trace	.203299	54	3140	1.9702	0.0000 a
Roy's largest root	.086099	9	530	5.0703	0.0000 u

e = exact, a = approximate, u = upper bound on F

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. canon, test(1 2 3 4 5 6 )

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Canonical correlation analysis Number of obs = **540**

Raw coefficients for the first variable set

	1	2	3	4	5	6
Neuroticis~r	0.7874	0.1037	0.4199	0.1130	0.4477	0.1958
Extraversi~r	-0.2652	-0.0794	0.2402	0.1922	0.4948	0.6323
Openness_B~r	0.3117	0.1995	0.0373	0.2842	-0.1897	-0.3602
Agreeablen~r	0.1028	-0.4111	0.1590	0.4857	0.4245	-0.5580
Conscienti~r	0.5492	-0.2648	0.1489	-0.4151	-0.5285	0.3196
H_BL_r	-0.2399	0.2796	0.5510	0.3738	-0.3543	0.4171
AS_BL_r	-0.1199	-0.5320	0.2245	-0.2873	0.1716	0.0823
IMP_BL_r	0.5057	0.0405	-0.7317	-0.0103	0.2151	-0.0881
SS_BL_r	-0.1155	0.2972	0.5584	-0.6946	0.1825	-0.3847

Raw coefficients for the second variable set

	1	2	3	4	5	6
bingeDev	1.4832	-1.2587	-0.7272	4.8646	-1.8620	3.2139
purgeDev	-0.9952	3.3763	-0.4209	-2.3954	1.1350	3.2433
fastDev3	1.5410	-1.5292	-3.1036	-0.7284	0.4273	-2.9273
sdepbandDev	-0.2038	0.0919	0.5719	1.2525	2.6516	-0.3680
sgenabandDev	3.0459	-0.5641	2.4158	-1.7930	0.1013	1.1260
DSHDev	0.4365	2.3076	0.1862	0.7809	-1.3086	-1.4808

Canonical correlations:

0.2816 0.2367 0.1749 0.1187 0.0921 0.0586

Tests of significance of all canonical correlations

	Statistic	df1	df2	F	Prob>F
Wilks' lambda	.820807	54	2681.58	1.9608	0.0000 a
Pillai's trace	.191897	54	3180	1.9457	0.0000 a
Lawley-Hotelling trace	.203299	54	3140	1.9702	0.0000 a
Roy's largest root	.086099	9	530	5.0703	0.0000 u

Test of significance of canonical correlations 1-6

	Statistic	df1	df2	F	Prob>F
Wilks' lambda	.820807	54	2681.58	1.9608	0.0000 a

Test of significance of canonical correlations 2-6

	Statistic	df1	df2	F	Prob>F
Wilks' lambda	.891478	40	2295.58	1.5325	0.0178 a

Test of significance of canonical correlations 3-6

	Statistic	df1	df2	F	Prob>F
Wilks' lambda	.944385	28	1901.55	1.0864	0.3451 a

Test of significance of canonical correlations 4-6

	Statistic	df1	df2	F	Prob>F
Wilks' lambda	.974201	18	1493.89	0.7705	0.7369 a

Test of significance of canonical correlations 5-6

	Statistic	df1	df2	F	Prob>F
Wilks' lambda	.988121	10	1058	0.6340	0.7855 e

Test of significance of canonical correlation 6

	Statistic	df1	df2	F	Prob>F
Wilks' lambda	.996569	4	530	0.4561	0.7679 e

e = exact, a = approximate, u = upper bound on F

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. estat loadings
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Canonical loadings for variable list 1

	1	2	3	4	5	6
Neuroticis~r	0.6827	0.2712	0.3390	0.1383	0.2845	0.2838
Extraversi~r	-0.2832	-0.1539	-0.0363	-0.0685	0.5670	0.2822
Openness_B~r	0.3207	0.1416	0.1818	0.1761	-0.1201	-0.4973
Agreeablen~r	-0.0772	-0.6028	0.2132	0.4036	0.1295	-0.5059
Conscienti~r	0.2715	-0.6015	0.0964	-0.2848	-0.4800	0.0543
H_BL_r	-0.0177	0.4582	0.4021	0.4009	-0.1777	0.3635
AS_BL_r	0.1591	-0.4726	0.2800	-0.2060	0.2001	0.1984
IMP_BL_r	0.2884	0.3900	-0.4770	-0.1303	0.4656	0.1951
SS_BL_r	-0.1319	0.4337	0.3187	-0.6087	0.3462	-0.3548

Canonical loadings for variable list 2

	1	2	3	4	5	6
bingeDev	0.4811	0.0326	-0.4073	0.5762	-0.0772	0.5134
purgeDev	0.2107	0.5501	-0.5369	-0.2162	0.2828	0.4879
fastDev3	0.5840	0.0421	-0.7570	-0.1061	0.2394	-0.1250
sdepbandDev	0.1983	0.2081	0.1316	0.4180	0.8425	-0.1248
sgenabandDev	0.8735	0.0073	0.4013	-0.2329	0.1048	0.1038
DSHDev	0.3817	0.7606	0.0904	0.2748	-0.2004	-0.3898

Correlation between variable list 1 and canonical variates from list 2

	1	2	3	4	5	6
Neuroticis~r	0.1922	0.0642	0.0593	0.0164	0.0262	0.0166
Extraversi~r	-0.0797	-0.0364	-0.0063	-0.0081	0.0522	0.0165
Openness_B~r	0.0903	0.0335	0.0318	0.0209	-0.0111	-0.0291
Agreeablen~r	-0.0217	-0.1427	0.0373	0.0479	0.0119	-0.0296
Conscienti~r	0.0764	-0.1424	0.0169	-0.0338	-0.0442	0.0032
H_BL_r	-0.0050	0.1085	0.0704	0.0476	-0.0164	0.0213
AS_BL_r	0.0448	-0.1119	0.0490	-0.0245	0.0184	0.0116
IMP_BL_r	0.0812	0.0923	-0.0834	-0.0155	0.0429	0.0114
SS_BL_r	-0.0371	0.1027	0.0558	-0.0722	0.0319	-0.0208

Correlation between variable list 2 and canonical variates from list 1

	1	2	3	4	5	6
bingeDev	0.1354	0.0077	-0.0713	0.0684	-0.0071	0.0301
purgeDev	0.0593	0.1302	-0.0939	-0.0257	0.0260	0.0286
fastDev3	0.1644	0.0100	-0.1324	-0.0126	0.0220	-0.0073
sdepbandDev	0.0558	0.0493	0.0230	0.0496	0.0776	-0.0073
sgenabandDev	0.2459	0.0017	0.0702	-0.0276	0.0096	0.0061
DSHDev	0.1075	0.1800	0.0158	0.0326	-0.0185	-0.0228

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Canonical redundancy analysis for canonical correlation 1

Canonical correlation coefficient 0.2816
Squared canonical correlation coefficient 0.0793

	own	opposite
Proportion of standardized variance	variate	variate
of u variables with ...	0.0950	0.0075
of v variables with ...	0.2608	0.0207

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. canonred 2

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Canonical redundancy analysis for canonical correlation 2

Canonical correlation coefficient **0.2367**
 Squared canonical correlation coefficient **0.0560**

	own	opposite
Proportion of standardized variance	variate	variate
of u variables with ...	0.1796	0.0101
of v variables with ...	0.1545	0.0087

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Linear combinations for canonical correlations Number of obs = **540**

	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
u1						
Neuroticism_BL_r	.7873622	.1787471	4.40	0.000	.4362359	1.138488
Extraversion_BL_r	-.2652253	.1698902	-1.56	0.119	-.5989533	.0685027
Openness_BL_r	.3117019	.1533932	2.03	0.043	.0103801	.6130237
Agreeableness_BL_r	.1028362	.1729171	0.59	0.552	-.2368377	.4425102
Conscientiousness_BL_r	.5491858	.1780013	3.09	0.002	.1995244	.8988471
H_BL_r	-.2398668	.1774729	-1.35	0.177	-.5884901	.1087565
AS_BL_r	-.1199302	.1561762	-0.77	0.443	-.4267189	.1868584
IMP_BL_r	.5057288	.1844258	2.74	0.006	.1434473	.8680103
SS_BL_r	-.1154903	.1619187	-0.71	0.476	-.4335593	.2025787
v1						
bingeDev	1.483195	.954087	1.55	0.121	-.3909891	3.35738
purgeDev	-.9952027	.810051	-1.23	0.220	-2.586447	.5960412
fastDev3	1.540986	.7175471	2.15	0.032	.1314549	2.950518
sdepbandDev	-.203808	.4456024	-0.46	0.648	-1.079138	.6715221
sgenabandDev	3.045926	.6589228	4.62	0.000	1.751555	4.340298
DSHDev	.4364851	.4683235	0.93	0.352	-.4834778	1.356448
u2						
Neuroticism_BL_r	.1037199	.2152954	0.48	0.630	-.319201	.5266408
Extraversion_BL_r	-.0794472	.2046275	-0.39	0.698	-.4814124	.322518
Openness_BL_r	.1995287	.1847574	1.08	0.281	-.1634042	.5624616
Agreeableness_BL_r	-.411135	.2082733	-1.97	0.049	-.8202619	-.0020082
Conscientiousness_BL_r	-.2648405	.2143972	-1.24	0.217	-.6859969	.1563159
H_BL_r	.2796382	.2137607	1.31	0.191	-.1402679	.6995444
AS_BL_r	-.532016	.1881095	-2.83	0.005	-.9015335	-.1624985
IMP_BL_r	.0405299	.2221353	0.18	0.855	-.3958271	.4768869
SS_BL_r	.2971701	.1950261	1.52	0.128	-.0859343	.6802745
v2						
bingeDev	-1.258651	1.149169	-1.10	0.274	-3.516049	.9987473
purgeDev	3.376322	.9756817	3.46	0.001	1.459717	5.292927
fastDev3	-1.529246	.8642635	-1.77	0.077	-3.226984	.1684917
sdepbandDev	.0919288	.5367144	0.17	0.864	-.9623796	1.146237
sgenabandDev	-.5641347	.7936524	-0.71	0.478	-2.123166	.9948961
DSHDev	2.307553	.5640813	4.09	0.000	1.199486	3.41562
u3						
Neuroticism_BL_r	.4198636	.2951831	1.42	0.155	-.1599867	.9997138
Extraversion_BL_r	.2401858	.2805568	0.86	0.392	-.310933	.7913045
Openness_BL_r	.0373043	.2533137	0.15	0.883	-.4602988	.5349074
Agreeableness_BL_r	.1589718	.2855554	0.56	0.578	-.401966	.7199096
Conscientiousness_BL_r	.1489326	.2939515	0.51	0.613	-.4284985	.7263637
H_BL_r	.5509566	.2930789	1.88	0.061	-.0247602	1.126673
AS_BL_r	.2244924	.2579095	0.87	0.384	-.2821386	.7311235
IMP_BL_r	-.7316502	.304561	-2.40	0.017	-1.329922	-.1333782

	SS_BL_r	.5584395	.2673926	2.09	0.037	.0331801	1.083699
v3							
	bingeDev	-.7272158	1.57558	-0.46	0.645	-3.822246	2.367814
	purgeDev	-.4208897	1.337719	-0.31	0.753	-3.048671	2.206892
	fastDev3	-3.103629	1.184958	-2.62	0.009	-5.431331	-.7759276
	sdepbandDev	.5718681	.7358681	0.78	0.437	-.8736528	2.017389
	sgenabandDev	2.415772	1.088146	2.22	0.027	.2782463	4.553298
	DSHDev	.1862444	.7733897	0.24	0.810	-1.332983	1.705472
u4							
	Neuroticism_BL_r	.1130225	.4387725	0.26	0.797	-.7488912	.9749361
	Extraversion_BL_r	.1922137	.4170313	0.46	0.645	-.6269922	1.01142
	Openness_BL_r	.2842225	.3765361	0.75	0.451	-.4554355	1.023881
	Agreeableness_BL_r	.4857247	.4244614	1.14	0.253	-.3480767	1.319526
	Conscientiousness_BL_r	-.4150935	.4369419	-0.95	0.343	-1.273411	.4432241
	H_BL_r	.3738139	.4356447	0.86	0.391	-.4819557	1.229583
	AS_BL_r	-.2873044	.3833675	-0.75	0.454	-1.040382	.4657732
	IMP_BL_r	-.0103022	.4527122	-0.02	0.982	-.8995987	.8789942
	SS_BL_r	-.6945931	.3974636	-1.75	0.081	-1.475361	.0861744
v4							
	bingeDev	4.864603	2.342008	2.08	0.038	.2640208	9.465185
	purgeDev	-2.395429	1.988441	-1.20	0.229	-6.301474	1.510615
	fastDev3	-.7283505	1.761371	-0.41	0.679	-4.188343	2.731642
	sdepbandDev	1.25247	1.093825	1.15	0.253	-.8962128	3.401153
	sgenabandDev	-1.793007	1.617465	-1.11	0.268	-4.970316	1.384301
	DSHDev	.7808711	1.149599	0.68	0.497	-1.477372	3.039114
u5							
	Neuroticism_BL_r	.4477422	.5672342	0.79	0.430	-.6665184	1.562003
	Extraversion_BL_r	.4947661	.5391278	0.92	0.359	-.564283	1.553815
	Openness_BL_r	-.1896534	.4867765	-0.39	0.697	-1.145865	.7665582
	Agreeableness_BL_r	.4245178	.5487332	0.77	0.439	-.6534	1.502436
	Conscientiousness_BL_r	-.5285494	.5648676	-0.94	0.350	-1.638161	.5810624
	H_BL_r	-.3543005	.5631907	-0.63	0.530	-1.460618	.7520172
	AS_BL_r	.1715797	.495608	0.35	0.729	-.8019802	1.14514
	IMP_BL_r	.2150658	.5852551	0.37	0.713	-.9345946	1.364726
	SS_BL_r	.1824801	.5138311	0.36	0.723	-.8268768	1.191837
v5							
	bingeDev	-1.861999	3.02769	-0.61	0.539	-7.809518	4.085519
	purgeDev	1.134984	2.570608	0.44	0.659	-3.914654	6.184621
	fastDev3	.4273113	2.277057	0.19	0.851	-4.045682	4.900304
	sdepbandDev	2.651599	1.41407	1.88	0.061	-.1261647	5.429363
	sgenabandDev	.101328	2.091019	0.05	0.961	-4.006217	4.208873
	DSHDev	-1.308587	1.486173	-0.88	0.379	-4.227988	1.610814
u6							
	Neuroticism_BL_r	.1958227	.8939203	0.22	0.827	-1.560172	1.951817
	Extraversion_BL_r	.632333	.8496267	0.74	0.457	-1.036652	2.301318
	Openness_BL_r	-.3601717	.7671248	-0.47	0.639	-1.867092	1.146749
	Agreeableness_BL_r	-.5580226	.8647641	-0.65	0.519	-2.256744	1.140698
	Conscientiousness_BL_r	.319557	.8901908	0.36	0.720	-1.429111	2.068225
	H_BL_r	.4170929	.8875481	0.47	0.639	-1.326384	2.16057
	AS_BL_r	.0822666	.7810426	0.11	0.916	-1.451994	1.616527
	IMP_BL_r	-.0880783	.9223199	-0.10	0.924	-1.89986	1.723704
	SS_BL_r	-.3846571	.8097609	-0.48	0.635	-1.975331	1.206017
v6							
	bingeDev	3.213909	4.771422	0.67	0.501	-6.158953	12.58677
	purgeDev	3.24335	4.051093	0.80	0.424	-4.714516	11.20122
	fastDev3	-2.927304	3.588478	-0.82	0.415	-9.97642	4.121811
	sdepbandDev	-.3680416	2.228473	-0.17	0.869	-4.745598	4.009514
	sgenabandDev	1.125965	3.295296	0.34	0.733	-5.347231	7.599162
	DSHDev	-1.480846	2.342102	-0.63	0.527	-6.081612	3.11992

(Standard errors estimated conditionally)

Canonical correlations:

0.2816 0.2367 0.1749 0.1187 0.0921 0.0586

Tests of significance of all canonical correlations

	Statistic	df1	df2	F	Prob>F	
Wilks' lambda	.820807	54	2681.58	1.9608	0.0000	a
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e = exact, a = approximate, u = upper bound on F

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. log close  
  name: <unnamed>  
  log: C:\Users\k1774164\Local_data\Research\ED_project\documents\Lauren_CCA_2022\JAD 202  
  log type: smcl  
closed on: 25 Apr 2024, 15:29:07
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