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	Within Blocks										Overall		1-Block
	1	2	3	4	5	6	7	8	9	10	t-Test	F-Test (z-Value)	t-Test
Covariate													
sex	-0.05	-2.27	1.97	0.81	0.89	-1.28	0.04	-0.39	-1.42	1.14	0.13	1.22	-0.73
antih	-0.67	-0.47	0.67	0.03	0.37	-0.25	0.38	-0.53	-0.11	0.27	-0.17	-2.88	3.21
hormone	-0.14	-0.42	-0.65	-1.00	0.25	0.71	-0.22	-1.05	-1.10	0.21	-0.99	-0.66	1.66
chemo	0.55	-0.39	-0.78	-0.75	-1.17	1.47	-0.94	0.61	0.66	0.29	-0.27	-0.61	1.76
cage	-1.41	-0.29	-1.04	-0.46	2.11	0.28	0.20	0.46	-1.48	-0.74	-1.38	0.34	1.15
cigar	-0.37	0.55	0.58	1.50	0.31	-0.93	0.21	-0.99	0.25	-0.39	0.52	-1.17	-3.13
lgest	0.90	0.58	-0.07	-0.82	0.79	-0.36	0.05	-0.33	-1.14	1.21	0.71	-1.48	0.12
lmotage	-2.20	-1.37	0.56	1.64	0.95	0.60	-0.96	-1.73	-1.47	0.36	-1.26	1.45	8.56
lpbc415	-0.48	-1.84	-1.00	-0.34	0.59	0.44	-0.20	-0.16	1.07	-0.10	-1.49	-0.82	0.75
lpbc420	1.04	0.84	-0.67	-0.86	-1.61	1.80	-0.39	1.62	1.14	-1.80	0.51	0.59	32.04
motht	-0.84	0.45	-0.67	0.75	0.64	0.09	0.30	-1.37	-0.60	-0.13	-0.50	-1.37	0.90
motwt	1.23	1.14	0.12	-1.23	-0.05	-0.45	-0.32	1.94	-0.01	-0.47	1.08	-0.18	1.44
mbirth	-0.44	-0.80	-1.54	-0.37	1.80	0.20	0.00	2.25	-1.58	-1.60	-1.28	1.00	-2.93
psydrug	-0.66	-1.01	1.05	-0.15	-0.78	0.06	-0.18	0.08	0.09	0.89	-0.29	-1.40	6.32
respir	-0.49	0.53	-0.21	0.98	1.38	0.24	-0.78	-1.51	0.22	-0.28	0.24	-0.49	0.19
ses	-0.60	-0.31	-0.74	1.16	0.82	-0.08	-0.03	-0.82	-0.91	0.36	-0.56	-1.37	5.19
sib	1.42	2.37	-1.09	-1.58	-1.53	0.11	0.63	1.63	1.19	0.23	0.98	1.64	1.48





**Table 13.9.** *z-Values for Balancing Tests: Simple Linear Propensity Score Specification; Barbiturate Data*

	Within Blocks									Overall		1-Block
	1	2	3	4	5	6	7	8	9	t-Test	F-Test (z-Value)	t-Test
Covariate												
sex	1.68	0.41	-0.39	0.09	-0.25	-0.51	0.78	-0.63	-0.20	1.47	-1.16	-0.87
antih	-0.98	1.75	0.17	0.29	-1.11	0.60	-0.51	-0.07	0.68	-0.18	-0.54	3.43
hormone	-0.34	-0.75	-0.45	1.23	-1.38	0.73	1.23	0.22	-0.54	-0.58	-0.16	1.78
chemo	-1.00	-2.37	-0.37	-0.90	-1.44	-1.22	2.36	1.88	0.51	-2.03	2.41	-0.02
cage	-2.54	0.38	-1.40	1.08	0.60	-0.71	1.76	-0.59	-0.07	-2.07	1.11	0.86
cigar	-0.41	0.61	-0.36	0.95	2.21	-1.16	-0.87	-1.59	0.67	0.04	0.70	-2.96
lgest	-0.06	-0.81	1.06	1.88	-0.63	1.18	-0.92	-1.86	1.19	-0.01	0.80	-0.31
lmotage	0.50	1.66	1.86	1.30	2.04	-0.10	-1.34	-2.57	-0.63	1.58	2.26	10.74
lpbc415	-1.10	-1.10	-1.53	0.42	0.91	0.46	0.40	0.48	-0.03	-1.34	-0.58	0.98
lpbc420	1.69	-1.93	0.73	-1.97	-1.93	0.17	2.63	2.52	1.82	0.77	3.09	36.35
motht	-1.94	0.61	0.19	-0.27	1.02	-0.48	-0.15	0.27	-0.59	-1.35	-0.70	0.57
motwt	-0.92	0.34	-0.70	-1.59	-0.94	0.30	0.06	-0.07	1.43	-1.01	-0.29	1.31
mbirth	-0.65	-0.91	2.95	-1.22	-1.22	3.24	1.35	-0.85	-1.65	-0.62	2.33	-3.26
psydrug	-0.25	-1.37	-0.02	-0.72	-1.50	-1.94	0.63	0.45	2.76	-1.30	3.09	7.20
respir	-0.63	-0.60	1.97	-1.00	1.27	0.49	0.08	-0.39	-0.59	-0.30	0.05	0.19
ses	-0.30	1.62	1.52	0.03	0.87	-0.12	-1.92	-1.40	1.14	0.63	0.97	5.61
sib	-2.24	-1.00	-2.24	-1.67	-2.80	0.25	1.58	2.21	2.18	-2.93	3.09	-0.78



**Table 13.10.** *z-Values for Balancing Tests: Lasso Propensity Score Specification; Barbiturate Data*

	Within Blocks												Overall		1-Block
	1	2	3	4	5	6	7	8	9	10	11	12	t-Test	F-Test (z-Value)	t-Test
Covariate															
sex	-0.16	0.76	0.87	-0.44	1.21	0.81	1.11	-0.49	0.80	-0.22	-0.15	0.87	0.98	-1.19	-0.31
antih	-1.22	2.02	1.61	-0.09	-0.98	0.20	0.68	-0.48	1.05	-0.34	1.28	0.84	0.89	0.36	3.32
hormone	-0.59	-0.57	-0.49	1.37	-0.69	-0.49	-0.29	0.00	-1.37	0.76	1.50	-2.18	-1.07	1.94	1.76
chemo	-1.37	-1.71	-1.09	-1.74	-0.66	-0.83	-1.03	-0.94	-0.19	1.90	1.53	0.96	-2.27	1.37	-0.49
cage	-0.31	0.01	0.82	1.86	0.75	0.07	0.73	0.14	-0.36	3.54	-0.22	1.33	1.35	1.41	1.76
cigar	-0.42	0.12	0.29	0.61	2.09	-0.51	-0.91	-0.33	0.19	-2.21	-0.87	-1.10	-0.39	0.37	-3.03
lgest	0.16	0.76	1.11	0.39	0.81	1.22	-0.29	0.79	-0.60	1.19	-2.62	0.66	1.11	0.26	0.87
lmotage	-1.11	-0.91	2.81	-0.22	2.13	0.88	0.34	-0.48	0.12	0.04	-0.82	-1.24	0.16	1.29	7.71
lpbc415	-1.03	-2.33	-1.27	0.44	1.75	-0.29	-0.84	-0.69	0.05	1.33	-0.09	-0.42	-1.78	0.65	0.81
lpbc420	0.06	0.11	-2.39	0.90	-2.13	0.25	-0.63	-0.32	-0.51	1.99	2.58	0.32	-0.45	1.26	29.15
motht	-0.94	-0.37	1.20	1.49	-0.11	0.45	0.73	-0.31	-0.41	-1.24	0.27	-0.93	-0.30	-0.72	0.70
motwt	-0.93	0.63	-1.03	-0.49	-1.11	-1.46	-0.47	0.14	-0.91	-0.20	-1.92	0.64	-1.64	0.10	0.52
mbirth	-1.11	0.27	-0.92	1.74	-1.10	2.53	-0.41	0.99	-0.59	0.07	0.00	-0.67	-0.61	1.43	-1.74
psydrug	-1.01	-0.24	-1.54	0.07	-1.43	-0.99	0.00	-1.08	-1.25	1.01	1.94	0.89	-1.41	1.45	6.86
respir	-0.28	-0.91	1.72	-0.80	0.06	1.13	-0.29	-0.52	0.46	0.30	-1.24	-0.47	0.00	-0.63	-0.11
ses	-0.57	1.65	1.41	-1.65	-0.11	-0.20	1.15	0.70	-0.16	-0.91	-0.29	-0.57	0.29	-0.17	4.72
sib	0.20	0.64	-1.61	-1.65	-3.50	-0.17	-0.91	-0.10	-0.25	0.78	1.58	0.70	-0.91	1.81	1.43





