AZMR DATA

RESULTS OF POWER TRANSFORM

	B-A		ADJ 1		ADJ 2	
λ	$\sqrt{\beta_1}$	β_2	$\sqrt{\beta_1}$	β_2	$\sqrt{\beta_1}$	β_2
.05	−.29	3.23	−.23	2.97	−.27	2.91
.10	−.24	3.20	−.19	2.98	−.23	2.92
.15	−.18	3.18	−.14	3.00	−.18	2.93
.20	−.12	3.16	−.10	3.02	−.14	2.95
.25	−.07	3.16	−.05	3.05	−.10	2.97
.30	−.01	3.17	−.01	3.09	−.05	3.00
.35	.04	3.19	.04	3.13	−.01	3.04
.40	.10	3.22	.08	3.18	.04	3.08
.50	.21	3.31	.18	3.30	.13	3.19

DUPONT ENVIRONMENTAL LEAD STUDIES

PHILADELPHIA CAB STUDY DATA

TABLE 1A

SUBJECT	ON DUTY RESP PB	ON DUTY TOTAL PB	OFF DUTY TOTAL PB	COMBINED EXPOSURE RESP PB	COMBINED EXPOSURE TOTAL PB	DALA	CREATININE	OSMOLALITY	ALA-DEHYDRASE	URINE PB	BLOOD PB
1	4.32	4.95	1.64	2.53	2.73	.27	149	791	122	17	18
2	3.88	5.41	1.18	1.91	2.33	.37	186	815	70	20	15
3	7.35	8.92	1.26	3.10	3.60	.63	294	1069	98	29	22
4	4.49	5.18	1.19	2.20	2.42	.47	169	735	89	25	26
5	6.24	6.67	1.61	3.08	3.22	.26	121	648	75	21	23
6	3.94	4.29	1.31	2.01	2.11	.43	212	995	143	22	17
7	3.51	4.88	1.94	2.55	3.03	.33	142	853	79	24	22
8	5.76	7.87	1.59	3.10	3.91	.73	248	1051	83	28	23
9	4.71	5.56	1.36	2.37	2.63	.33	171	1035	119	26	21
10	4.77	5.93	1.63	2.76	2.99	.37	153	890	54	31	21
11	4.58	5.71	1.75	2.57	2.92	.39	217	946	59	27	23
12	4.46	5.06	1.44	2.51	2.73	.48	231	1038	59	27	26
13	3.62	4.17	2.00	2.52	2.69	.42	209	848	58	29	27
14	4.12	4.59	1.52	2.40	2.57	.44	176	946	95	23	18
15	4.27	5.01	1.31	2.19	2.42	.42	120	910	48	24	25
16	3.97	4.50	1.42	2.07	2.21	.40	132	876	79	31	19
17	4.73	5.45	1.41	2.33	2.55	.33	193	844	60	26	17
18	4.25	5.21	1.17	2.18	2.50	.29	175	781	93	17	17
19	5.15	5.69	1.33	2.47	2.63	.40	132	828	100	17	26
20	4.17	4.47	1.22	2.08	2.17	.61	196	819	56	28	24
21	3.68	3.97	1.63	2.14	2.23	.54	245	826	54	32	29
22	3.61	4.73	1.22	1.97	2.34	.44	210	860	72	16	24
23	3.91	4.40	1.62	2.47	2.64	.51	208	891	49	23	20
24	4.61	5.09	1.67	2.74	2.91	.26	84	402	81	13	22
25	3.37	3.73	1.49	2.05	2.17	.49	171	815	57	15	19
26	3.81	3.86	1.60	2.38	2.40	.45	207	849	63	18	22
27	3.59	5.07	1.10	1.91	2.40	.36	190	967	96	24	21
28	3.76	4.27	1.32	1.95	2.13	.60	102	588	63	15	21
29	3.93	4.62	1.64	2.39	2.64	.31	144	816	78	25	22
30	3.61	4.18	1.48	2.28	2.47	.35	145	670	48	28	25

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DUPONT ENVIRONMENTAL LEAD STUDIES

STARKE, FLORIDA DATA

TABLE 1B

SUBJECT	ON DUTY RESP PB	ON DUTY TOTAL PB	OFF DUTY TOTAL PB	COMBINED RESP PB	EXPOSURE TOTAL PB	DALA	CREATININE	OSMOLALITY	ALA-DEHYDRASE	URINE PB	BLOOD PB
1	.11	.30	.27	.20	.24	.27	134	843	42	12	21
2	1.39	1.66	.12	.94	.50	.36	192	1000	140	13	15
3	1.61	2.00	1.16	1.27	1.37	1.13	145	700	3	109	53
4	.19	.41	.20	.19	.25	.39	179	844	111	9	15
5	.34	.67	.26	.27	.34	.23	126	730	152	7	13
6	.54	.82	.21	.30	.37	.21	83	610	113	9	11
7	.34	.62	.14	.18	.29	.47	193	1008	114	17	12
8	.32	1.37	.20	.23	.50	.38	117	713	95	14	20
9	.39	.77	.29	.32	.41	.36	139	690	57	8	25
10	.64	1.08	.67	.66	.78	.26	145	614	111	12	17
11	1.03	1.90	.12	.36	.59	.48	184	1040	94	12	12
12	.55	.94	.36	.42	.54	.50	246	1019	138	21	14
13	1.35	2.06	.24	.56	.76	.38	161	647	101	14	20
14	4.84	7.95	.29	2.10	2.41	.13	53	319	78	12	25
15	4.12	4.75	.35	1.30	1.46	.81	168	683	22	16	8
16	.72	1.07	.43	.51	.61	.31	152	865	138	8	16
17	.56	3.60	.55	.55	1.53	.45	159	717	24	21	36
18	4.16	4.97	.19	1.24	1.45	.23	113	724	79	14	18
19	11.35	12.14	1.47	4.07	4.28	.21	91	864	71	17	19
20	.06	.45	.15	.13	.22	.16	85	373	127	4	9
21	.49	1.49	.77	.79	.91	.30	112	893	139	6	9
22	.19	.66	.33	.29	.43	.36	118	832	134	10	11
23	.58	1.05	.25	.36	.50	.33	119	555	126	10	10
24	.80	1.21	.24	.40	.52	.50	221	1052	119	18	16
25	.19	.41	.23	.22	.29	.32	176	725	121	9	15
26	.35	1.31	.14	.20	.45	.32	128	877	111	13	13
27	.09	.90	.25	.20	.29	.44	222	962	117	14	12
28	.98	1.62	.56	.67	.85	.46	140	749	33	27	22
29	.63	1.56	.26	.39	.71	.37	162	893	127	11	11
30	.48	1.05	.42	.43	.57	.25	116	758	93	10	19

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DUPONT ENVIRONMENTAL LEAD STUDIES

BARKSDALE, WISCONSIN DATA

TABLE 1C

SUBJECT	ON DUTY RESP PB	ON DUTY TOTAL PB	OFF DUTY TOTAL PB	COMBINED RESP PB	EXPOSURE TOTAL PB	DALA	CREATININE	OSMOLALITY	ALA-DEHYDRASE	URINE PB	BLOOD PB
1		.46	.28		.33	.24	129	816	91	10	8
2		.29	.39		.37	.29	149	923	139	13	13
3		1.18	.37		.57	.40	230	949	93	10	11
4		.60	.42		.46	.24	129	807	67	14	12
5		.73	.16		.31	.24	136	746	134	11	10
6		1.86	.25		.71	.40	199	1031	86	32	13
7		.58	.48		.50	.45	186	1019	120	13	10
8		1.24	.33		.55	.30	140	767	104	11	9
9		.40	.27		.30	.21	144	857	112	9	9
10		.74	.23		.37	.29	138	722	81	16	15
11		2.99	.65		1.24	.58	199	892	28	50	21
12		.60	.31		.38	.29	127	647	44	14	25
13		.60	.29		.37	.33	210	988	91	10	9
14		17.96	.30		5.19	.46	186	958	19	52	37
15		1.61	.17		.55	.24	141	790	79	17	20
16		.60	.21		.31	.19	117	627	131	12	11
17		10.56	.67		3.24	.18	77	445	83	7	11
18		.77	.24		.37	.28	118	635	94	10	13
19		6.81	.26		1.90	.24	116	802	66	11	10
20		.79	.32		.44	.38	239	918	93	19	11
21		.58	.46		.50	.38	185	810	121	15	12
22		.98	.27		.46	.25	142	576	89	13	15
23		.36	.41		.40	.17	95	741	91	7	11
24		2.20	.34		.83	.33	209	1085	105	23	12
25		21.44	.62		6.08	.34	150	965	107	14	11
26		7.23	.55		2.33	.40	180	1038	68	25	18
27		.37	.38		.38	.29	195	841	150	11	8
28		.33	.20		.23	.20	119	714	48	19	19
29		.16	.45		.37	.25	105	469	111	8	8
30		.14	.34		.29	.26	128	629	130	9	9

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TABLE 1D

DUPONT ENVIRONMENTAL LEAD STUDIES

LOS ANGELES CAB STUDY DATA

SUBJECT	ON DUTY RESP PB	ON DUTY TOTAL PB	OFF DUTY TOTAL PB	COMBINED RESP PB	EXPOSURE TOTAL PB	DALA	CREATININE	OSMOLALITY	ALA-DEHYDRASE	URINE PB	BLOOD PB
1	8.19	9.70	2.62	4.58	5.12	.30	75	673	53	20	21
2	8.38	10.49	3.97	5.77	6.63	.31	146	711	97	26	25
3	8.17	9.61	7.15	7.50	7.99	.29	125	584	82	30	25
4	7.86	10.33	3.34	5.13	6.10	.31	167	886	69	23	22
5	6.60	9.17	3.54	4.58	5.49	.38	167	801	107	19	22
6	6.45	8.15	3.17	4.33	4.94	.39	137	830	57	28	19
7	7.13	8.91	3.84	4.97	5.51	.28	59	487	44	15	31
8	7.86	8.87	3.44	5.07	5.44	.34	149	810	106	28	26
9	8.21	9.73	2.99	4.86	5.40	.48	221	1013	83	29	28
10	6.93	8.64	4.65	5.44	6.05	.38	212	917	97	27	17
11	7.53	9.38	5.55	6.28	6.95	.31	137	454	42	27	29
12	8.42	9.87	4.71	6.03	6.55	.26	151	658	79	17	26
13	7.39	9.26	3.37	4.90	5.60	.28	123	777	103	16	20
14	6.17	9.59	4.87	5.35	6.64	.26	146	769	107	14	20
15	7.70	9.23	4.30	5.48	6.02	.42	172	825	81	38	32
16	9.16	10.32	4.16	5.90	6.30	.34	165	900	96	28	27
17	7.70	8.77	2.70	4.67	5.10	.36	199	792	78	26	31
18	7.26	8.20	3.39	4.68	5.01	.45	214	855	116	25	20
19	6.72	9.61	3.37	4.61	5.67	.27	105	622	94	18	24
20	6.46	8.23	4.41	5.22	5.89	.45	207	993	78	27	18
21	5.44	6.42	3.01	3.92	4.28	.44	184	781	48	31	18
22	8.70	10.70	8.21	8.97	9.12	.43	193	835	54	29	21
23	8.72	11.29	5.27	6.50	7.34	.48	255	936	63	25	22
24	6.69	8.36	3.11	4.27	4.83	.26	112	506	65	10	33
25	8.42	10.75	5.00	6.15	6.91	.39	158	856	109	24	20
26	8.72	9.89	5.54	6.66	7.05	.40	141	933	71	23	21
27	6.69	10.07	5.60	5.95	7.15	.43	227	823	57	35	24
28	7.16	10.21	3.61	4.91	6.04	.38	185	937	48	43	26
29	6.22	8.97	3.73	4.61	5.64	.41	200	930	49	35	28
30	7.22	9.79	3.83	5.15	6.11	.42	258	969	59	32	26

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TABLE 1E

DUPONT ENVIRONMENTAL LEAD STUDIES

LOS ANGELES OFFICE WORKERS DATA

SUBJECT	ON DUTY RESP PB	ON DUTY TOTAL PB	OFF DUTY TOTAL PB	COMBINED EXPOSURE RESP PB	COMBINED EXPOSURE TOTAL PB	DALA	CREATININE	OSMOLALITY	ALA-DEHYDRASE	URINE PB	BLOOD PB
1		2.17	2.86		2.62	.40	225	854	100	19	19
2		3.83	3.20		3.42	.39	138	822	70	26	21
3		3.56	3.57		3.56	.27	161	791	90	18	21
4		3.68	3.61		3.63	.31	104	783	60	15	17
5		3.68	4.21		4.02	.37	156	887	91	16	18
6		1.98	1.94		1.96	.28	146	879	109	11	12
7		2.40	3.23		2.93	.27	103	560	61	16	20
8		3.74	2.65		3.02	.29	127	895	114	13	26
9		4.06	3.39		3.62	.49	180	1005	62	30	20
10		3.74	4.05		3.93	.25	110	559	108	12	16
11		3.25	2.31		2.63	.43	212	930	106	18	19
12		3.91	4.25		3.94	.25	118	654	55	26	22
13		3.90	4.79		4.47	.33	174	981	101	27	23
14		2.57	2.50		2.53	.45	235	725	78	27	23
15		3.29	2.07		2.49	.41	215	993	101	17	16
16		3.10	2.40		2.64	.27	99	763	100	13	17
17		2.18	2.08		2.11	.36	183	870	69	17	17
18		3.31	3.70		3.57	.35	146	797	118	21	18
19		4.13	3.72		3.84	.29	122	665	77	21	19
20		4.09	3.96		4.00	.31	130	840	59	20	24
21		2.72	2.87		2.81	.29	148	755	95	16	20
22		2.23	2.64		2.47	.26	117	678	143	11	13
23		2.48	3.11		2.88	.29	124	675	147	10	15
24		2.05	2.44		2.29	.23	173	679	102	17	16
25		2.01	1.88		1.93	.23	124	721	183	11	15
26		2.84	3.22		3.08	.43	130	779	108	17	19
27		1.91	1.77		1.82	.64	305	840	109	20	17
28		3.54	3.67		3.62	.44	213	963	86	18	19
29		3.85	3.81		3.82	.40	196	959	129	20	22
30		1.93	2.23		2.11	.51	148	777	39	25	40