

Online Resource 2

Paper Title: “Racial, Ethnic, and Immigrant Generational Disparities in Physically Strenuous and Hazardous Work Conditions”

Journal: Journal of Immigrant and Minority Health

Caption: This file contains tables of the regression results from which the predicted values in Figures 1A and B and Figure 2 in the paper were derived.

Online Resource Table S1. Regression Results with General Physical Index as Dependent Variable

General Physical Index												
	Male Unadjusted			Male Adjusted			Female Unadjusted			Female Adjusted		
	Coefficient	t	P>t	Coefficient	t	P>t	Coefficient	t	P>t	Coefficient	t	P>t
Race, Ethnicity & Immigration Gen												
Reference (Latino, USB, 3rd+)												
Latino, USB, 2nd	-0.003	-0.68	0.499	-0.003	-0.70	0.484	-0.010	-2.28	0.023	-0.012	-2.98	0.003
Latino, FB, 1st	0.068	16.62	0.000	0.039	10.63	0.000	0.085	21.63	0.000	0.062	16.61	0.000
NH White	-0.046	-13.21	0.000	-0.015	-5.01	0.000	-0.017	-5.47	0.000	-0.002	-0.63	0.529
NH Black	-0.002	-0.59	0.554	0.003	0.70	0.482	0.022	5.97	0.000	0.021	6.15	0.000
Asian, USB, 3rd +	-0.058	-5.51	0.000	-0.004	-0.39	0.695	-0.059	-6.30	0.000	-0.022	-2.53	0.011
Asian, USB, 2nd	-0.095	-12.93	0.000	-0.032	-4.93	0.000	-0.044	-6.49	0.000	-0.012	-1.82	0.069
Asian, FB, 1st	-0.105	-21.21	0.000	-0.034	-7.71	0.000	-0.007	-1.54	0.124	0.025	5.85	0.000
Other & Mixed	0.003	0.47	0.636	0.007	1.42	0.155	0.003	0.60	0.546	0.002	0.41	0.680
Age	-0.001	-14.27	0.000	0.000	-0.82	0.410	-0.001	-14.02	0.000	0.000	-4.77	0.000
Education												
Reference (Less than HS)												
High school or equivalent				-0.018	-7.15	0.000				-0.054	-19.07	0.000
Some college, no degree				-0.068	-24.65	0.000				-0.086	-29.11	0.000
Occupation/Vocational training (AA)				-0.038	-9.74	0.000				-0.078	-19.65	0.000
Academic associate degree				-0.092	-24.46	0.000				-0.108	-30.11	0.000
Bachelor's degree or more				-0.210	-81.14	0.000				-0.165	-58.76	0.000
Certificate/Industry License												
Reference (No)												
Yes				0.012	6.92	0.000				0.042	26.22	0.000
Region												
Reference (Northeast)												
Midwest				0.005	2.00	0.045				0.004	1.89	0.059
South				0.002	1.02	0.306				-0.004	-2.22	0.026
West				-0.004	-1.99	0.046				-0.003	-1.29	0.197
Health Status												
Reference (Excellent/Very Good/Good)												
Fair/Poor Health				0.004	1.55	0.122				0.013	4.89	0.000
Marital Status												
Reference (All Married)												
Widowed/Divorced/Seperated				0.012	5.28	0.000				0.017	9.08	0.000
Never Married				0.010	5.33	0.000				0.024	13.55	0.000
Constant	0.471	121.10	0.000	0.506	108.06	0.000	0.378	107.17	0.000	0.434	91.92	0.000
Number of Cases	46,295						43,360					

Online Resource Table S2. Regression Results with Hazardous Conditions Index as Dependent Variable

Hazardous Conditions Index												
	Male Unadjusted			Male Adjusted			Female Unadjusted			Female Adjusted		
	Coefficient	t	P>t	Coefficient	t	P>t	Coefficient	t	P>t	Coefficient	t	P>t
Race, Ethnicity & Immigration Gen												
Reference (Latino, USB, 3rd+)												
Latino, USB, 2nd	0.001	0.16	0.874	0.003	0.60	0.548	-0.007	-2.29	0.022	-0.008	-2.52	0.012
Latino, FB, 1st	0.074	16.18	0.000	0.047	11.21	0.000	0.053	18.88	0.000	0.040	14.12	0.000
NH White	-0.031	-8.04	0.000	-0.006	-1.72	0.085	-0.007	-3.36	0.001	-0.002	-0.75	0.451
NH Black	-0.006	-1.31	0.190	-0.002	-0.42	0.676	0.014	5.22	0.000	0.014	5.25	0.000
Asian, USB, 3rd +	-0.063	-5.38	0.000	-0.007	-0.66	0.512	-0.034	-5.09	0.000	-0.018	-2.69	0.007
Asian, USB, 2nd	-0.091	-11.12	0.000	-0.025	-3.41	0.001	-0.023	-4.65	0.000	-0.008	-1.66	0.096
Asian, FB, 1st	-0.103	-18.57	0.000	-0.037	-7.29	0.000	0.000	-0.07	0.944	0.012	3.70	0.000
Other & Mixed	-0.002	-0.32	0.753	0.002	0.44	0.660	0.001	0.22	0.827	0.001	0.16	0.876
Age	0.000	3.10	0.002	0.000	4.40	0.000	0.000	-0.61	0.544	0.000	2.24	0.025
Education												
Reference (Less than HS)												
High school or equivalent				0.006	1.94	0.052				-0.026	-12.12	0.000
Some college, no degree				-0.054	-17.13	0.000				-0.048	-21.53	0.000
Occupation/Vocational training (AA)				-0.001	-0.19	0.846				-0.043	-14.53	0.000
Academic associate degree				-0.072	-16.67	0.000				-0.055	-20.29	0.000
Bachelor's degree or more				-0.189	-63.39	0.000				-0.076	-36.19	0.000
Certificate/Industry License												
Reference (No)												
Yes				0.023	11.94	0.000				0.010	8.28	0.000
Region												
Reference (Northeast)												
Midwest				0.009	3.60	0.000				0.009	5.20	0.000
South				0.010	4.36	0.000				0.001	0.86	0.392
West				-0.003	-1.16	0.248				0.001	0.47	0.636
Health Status												
Reference (Excellent/Very Good/Good)												
Fair/Poor Health				0.003	0.90	0.370				0.004	1.79	0.074
Marital Status												
Reference (All Married)												
Widowed/Divorced/Seperated				0.007	2.70	0.007				0.007	5.21	0.000
Never Married				-0.025	-12.01	0.000				0.004	2.95	0.003
Constant	0.290	66.98	0.000	0.341	63.12	0.000	0.148	58.17	0.000	0.183	51.38	0.000
Number of Cases	46,295						43,360					

Online Resource Table S3. Regression Results with Posture Index as Dependent Variable

Posture Index												
	Male Unadjusted			Male Adjusted			Female Unadjusted			Female Adjusted		
	Coefficient	t	P>t	Coefficient	t	P>t	Coefficient	t	P>t	Coefficient	t	P>t
Race, Ethnicity & Immigration Gen												
Reference (Latino, USB, 3rd+)												
Latino, USB, 2nd	0.000	-0.13	0.897	0.000	0.05	0.960	-0.005	-1.99	0.046	-0.006	-2.63	0.009
Latino, FB, 1st	0.046	17.47	0.000	0.029	12.22	0.000	0.054	24.79	0.000	0.040	19.48	0.000
NH White	-0.026	-11.85	0.000	-0.009	-4.35	0.000	-0.010	-5.80	0.000	-0.001	-0.77	0.439
NH Black	-0.006	-2.06	0.040	-0.003	-1.29	0.196	0.011	5.61	0.000	0.011	5.88	0.000
Asian, USB, 3rd +	-0.031	-4.57	0.000	0.003	0.52	0.605	-0.034	-6.53	0.000	-0.012	-2.49	0.013
Asian, USB, 2nd	-0.052	-11.10	0.000	-0.013	-3.07	0.002	-0.023	-6.14	0.000	-0.004	-1.03	0.305
Asian, FB, 1st	-0.061	-18.94	0.000	-0.017	-5.98	0.000	-0.002	-0.88	0.380	0.016	6.80	0.000
Other & Mixed	-0.001	-0.19	0.847	0.002	0.61	0.539	0.001	0.48	0.630	0.001	0.38	0.706
Age												
	0.000	-10.26	0.000	0.000	-0.65	0.514	0.000	-8.24	0.000	0.000	-0.84	0.403
Education												
Reference (Less than HS)												
High school or equivalent				-0.005	-3.29	0.001				-0.029	-18.41	0.000
Some college, no degree				-0.040	-22.32	0.000				-0.047	-29.27	0.000
Occupation/Vocational training (AA)				-0.009	-3.53	0.000				-0.043	-19.96	0.000
Academic associate degree				-0.051	-20.89	0.000				-0.059	-30.01	0.000
Bachelor's degree or more				-0.124	-73.64	0.000				-0.094	-60.78	0.000
Certificate/Industry License												
Reference (No)												
Yes				0.012	10.53	0.000				0.019	22.04	0.000
Region												
Reference (Northeast)												
Midwest				0.002	1.11	0.267				0.003	2.38	0.017
South				0.003	2.36	0.018				-0.002	-1.62	0.106
West				-0.003	-2.49	0.013				-0.002	-1.65	0.099
Health Status												
Reference (Excellent/Very Good/Good)												
Fair/Poor Health				0.003	1.68	0.094				0.008	5.48	0.000
Marital Status												
Reference (All Married)												
Widowed/Divorced/Seperated				0.008	5.13	0.000				0.009	8.90	0.000
Never Married				0.001	0.86	0.389				0.010	10.22	0.000
Constant	0.418	167.02	0.000	0.441	144.06	0.000	0.352	180.56	0.000	0.387	149.05	0.000
Number of Cases	46,295						43,360					

Online Resource Table S4. Regression Results with Force Index as Dependent Variable

Force Index												
	Male Unadjusted			Male Adjusted			Female Unadjusted			Female Adjusted		
	Coefficient	t	P>t	Coefficient	t	P>t	Coefficient	t	P>t	Coefficient	t	P>t
Race, Ethnicity & Immigration Gen												
Reference (Latino, USB, 3rd+)												
Latino, USB, 2nd	-0.002	-0.30	0.767	-0.002	-0.33	0.739	-0.014	-2.35	0.019	-0.016	-2.95	0.003
Latino, FB, 1st	0.091	16.66	0.000	0.054	10.98	0.000	0.107	21.25	0.000	0.076	15.87	0.000
NH White	-0.059	-12.92	0.000	-0.021	-5.04	0.000	-0.024	-5.98	0.000	-0.002	-0.47	0.640
NH Black	0.005	0.85	0.397	0.010	1.92	0.055	0.009	2.01	0.045	0.009	2.08	0.038
Asian, USB, 3rd +	-0.068	-4.84	0.000	0.002	0.15	0.883	-0.059	-4.91	0.000	-0.009	-0.77	0.439
Asian, USB, 2nd	-0.089	-9.15	0.000	-0.009	-1.01	0.314	-0.034	-3.84	0.000	0.013	1.63	0.103
Asian, FB, 1st	-0.087	-13.21	0.000	0.004	0.69	0.492	0.006	1.05	0.292	0.048	8.79	0.000
Other & Mixed	-0.003	-0.39	0.696	0.002	0.32	0.750	-0.002	-0.35	0.726	-0.002	-0.38	0.704
Age	-0.002	-20.99	0.000	-0.001	-7.00	0.000	-0.001	-11.62	0.000	0.000	-3.38	0.001
Education												
Reference (Less than HS)												
High school or equivalent				-0.016	-4.88	0.000				-0.046	-12.82	0.000
Some college, no degree				-0.091	-24.43	0.000				-0.087	-23.18	0.000
Occupation/Vocational training (AA)				-0.037	-6.97	0.000				-0.068	-13.51	0.000
Academic associate degree				-0.115	-22.75	0.000				-0.118	-25.74	0.000
Bachelor's degree or more				-0.263	-75.56	0.000				-0.199	-55.64	0.000
Certificate/Industry License												
Reference (No)												
Yes				0.005	2.33	0.020				0.010	4.87	0.000
Region												
Reference (Northeast)												
Midwest				0.007	2.35	0.019				0.007	2.51	0.012
South				0.002	0.59	0.554				-0.001	-0.43	0.664
West				-0.008	-2.76	0.006				-0.005	-1.72	0.086
Health Status												
Reference (Excellent/Very Good/Good)												
Fair/Poor Health				0.017	4.49	0.000				0.009	2.67	0.008
Marital Status												
Reference (All Married)												
Widowed/Divorced/Seperated				0.022	7.01	0.000				0.013	5.41	0.000
Never Married				0.018	7.62	0.000				0.019	8.29	0.000
Constant	0.677	130.84	0.000	0.716	113.68	0.000	0.522	115.51	0.000	0.593	98.39	0.000
Number of Cases	46,295						43,360					

Online Resource Table S5 Regression Results with Vibration Index as Dependent Variable

Vibration Index												
	Male Unadjusted			Male Adjusted			Female Unadjusted			Female Adjusted		
	Coefficient	t	P>t	Coefficient	t	P>t	Coefficient	t	P>t	Coefficient	t	P>t
Race, Ethnicity & Immigration Gen												
Reference (Latino, USB, 3rd+)												
Latino, USB, 2nd	0.009	1.70	0.089	0.011	2.17	0.030	0.000	0.13	0.896	0.000	-0.01	0.992
Latino, FB, 1st	0.081	18.47	0.000	0.055	13.15	0.000	0.025	14.21	0.000	0.019	10.64	0.000
NH White	-0.017	-4.55	0.000	0.003	0.84	0.402	0.000	-0.04	0.969	0.003	2.37	0.018
NH Black	-0.008	-1.73	0.084	-0.003	-0.74	0.458	0.006	3.68	0.000	0.007	4.36	0.000
Asian, USB, 3rd +	-0.046	-4.14	0.000	-0.005	-0.46	0.644	-0.006	-1.53	0.127	-0.002	-0.50	0.615
Asian, USB, 2nd	-0.070	-8.91	0.000	-0.020	-2.76	0.006	-0.009	-2.85	0.004	-0.004	-1.22	0.221
Asian, FB, 1st	-0.072	-13.65	0.000	-0.024	-4.80	0.000	-0.002	-0.92	0.359	0.002	0.96	0.335
Other & Mixed	0.005	0.82	0.412	0.008	1.52	0.130	0.004	1.87	0.061	0.004	1.84	0.066
Age	0.000	3.24	0.001	0.000	3.29	0.001	0.000	1.18	0.238	0.000	3.28	0.001
Education												
Reference (Less than HS)												
High school or equivalent				-0.008	-2.69	0.007				-0.011	-8.44	0.000
Some college, no degree				-0.061	-19.24	0.000				-0.018	-13.34	0.000
Occupation/Vocational training (AA)				-0.029	-6.50	0.000				-0.022	-11.75	0.000
Academic associate degree				-0.082	-18.96	0.000				-0.024	-14.39	0.000
Bachelor's degree or more				-0.152	-51.10	0.000				-0.028	-21.11	0.000
Certificate/Industry License												
Reference (No)												
Yes				0.023	11.45	0.000				-0.005	-6.25	0.000
Region												
Reference (Northeast)												
Midwest				0.004	1.56	0.118				0.003	3.08	0.002
South				0.011	4.44	0.000				0.001	0.99	0.321
West				0.003	1.06	0.291				0.004	3.71	0.000
Health Status												
Reference (Excellent/Very Good/Good)												
Fair/Poor Health				0.003	0.99	0.323				0.000	0.11	0.912
Marital Status												
Reference (All Married)												
Widowed/Divorced/Seperated				0.005	1.88	0.060				0.003	3.39	0.001
Never Married				-0.021	-10.31	0.000				0.001	1.48	0.139
Constant	0.137	33.06	0.000	0.188	34.82	0.000	0.027	17.49	0.000	0.041	18.45	0.000
Number of Cases	46,295						43,360					

Online Resource Table S6. Regression Results with Repetition Index as Dependent Variable

Repetition Index												
	Male Unadjusted			Male Adjusted			Female Unadjusted			Female Adjusted		
	Coefficient	t	P>t	Coefficient	t	P>t	Coefficient	t	P>t	Coefficient	t	P>t
Race, Ethnicity & Immigration Gen												
Reference (Latino, USB, 3rd+)												
Latino, USB, 2nd	-0.003	-0.54	0.586	-0.003	-0.73	0.463	-0.005	-0.86	0.389	-0.006	-1.31	0.190
Latino, FB, 1st	0.048	12.42	0.000	0.028	7.52	0.000	0.084	18.29	0.000	0.059	13.64	0.000
NH White	-0.038	-11.82	0.000	-0.016	-5.29	0.000	-0.028	-7.90	0.000	-0.006	-1.69	0.092
NH Black	0.009	2.31	0.021	0.011	2.94	0.003	-0.005	-1.15	0.251	-0.003	-0.81	0.421
Asian, USB, 3rd +	-0.031	-3.11	0.002	0.006	0.60	0.550	-0.044	-4.07	0.000	-0.002	-0.21	0.837
Asian, USB, 2nd	-0.044	-6.40	0.000	-0.003	-0.50	0.617	-0.023	-2.86	0.004	0.020	2.65	0.008
Asian, FB, 1st	-0.030	-6.51	0.000	0.019	4.40	0.000	-0.008	-1.55	0.121	0.029	5.87	0.000
Other & Mixed	0.001	0.16	0.869	0.004	0.73	0.463	-0.003	-0.54	0.590	-0.002	-0.45	0.652
Age												
	-0.001	-27.66	0.000	-0.001	-10.88	0.000	0.000	-6.21	0.000	0.000	1.10	0.270
Education												
Reference (Less than HS)												
High school or equivalent				-0.016	-6.18	0.000				-0.020	-6.06	0.000
Some college, no degree				-0.052	-18.94	0.000				-0.045	-13.22	0.000
Occupation/Vocational training (AA)				-0.039	-10.03	0.000				-0.036	-7.78	0.000
Academic associate degree				-0.067	-17.77	0.000				-0.074	-17.70	0.000
Bachelor's degree or more				-0.143	-55.09	0.000				-0.152	-46.83	0.000
Certificate/Industry License												
Reference (No)												
Yes				-0.005	-3.09	0.002				-0.026	-14.05	0.000
Region												
Reference (Northeast)												
Midwest				0.000	0.01	0.988				0.001	0.25	0.803
South				-0.005	-2.37	0.018				-0.002	-0.73	0.464
West				-0.009	-4.09	0.000				-0.003	-1.28	0.202
Health Status												
Reference (Excellent/Very Good/Good)												
Fair/Poor Health				0.009	3.28	0.001				0.006	2.10	0.036
Marital Status												
Reference (All Married)												
Widowed/Divorced/Seperated				0.017	7.33	0.000				0.010	4.32	0.000
Never Married				0.026	14.20	0.000				0.013	6.20	0.000
Constant	0.578	158.17	0.000	0.592	125.60	0.000	0.518	126.2	0.000	0.568	103.74	0.000
Number of Cases	46,295						43,360					