

Does the Hispanic Paradox in Mortality Extend to Disability?

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Background

- Hispanic Paradox in Mortality
- Health selection / healthy immigrants
- Negative acculturation



Research Questions

- Do Hispanics have the same quality of life as non-Hispanic whites?
- Do health selection processes extend to disability among foreign-born?
- To what degree do we observe evidence of negative acculturation among the native born?



Data and Measures

- Health and Retirement Study, 1998-2006
- Mortality, identified by
 - NDI (National Death Index), and
 - vital status obtained by HRS through tracking of respondents
- Activities of Daily Living (ADL):
 - Dressing,
 - Walking,
 - Bathing,
 - Eating, and
 - Getting in/out of bed



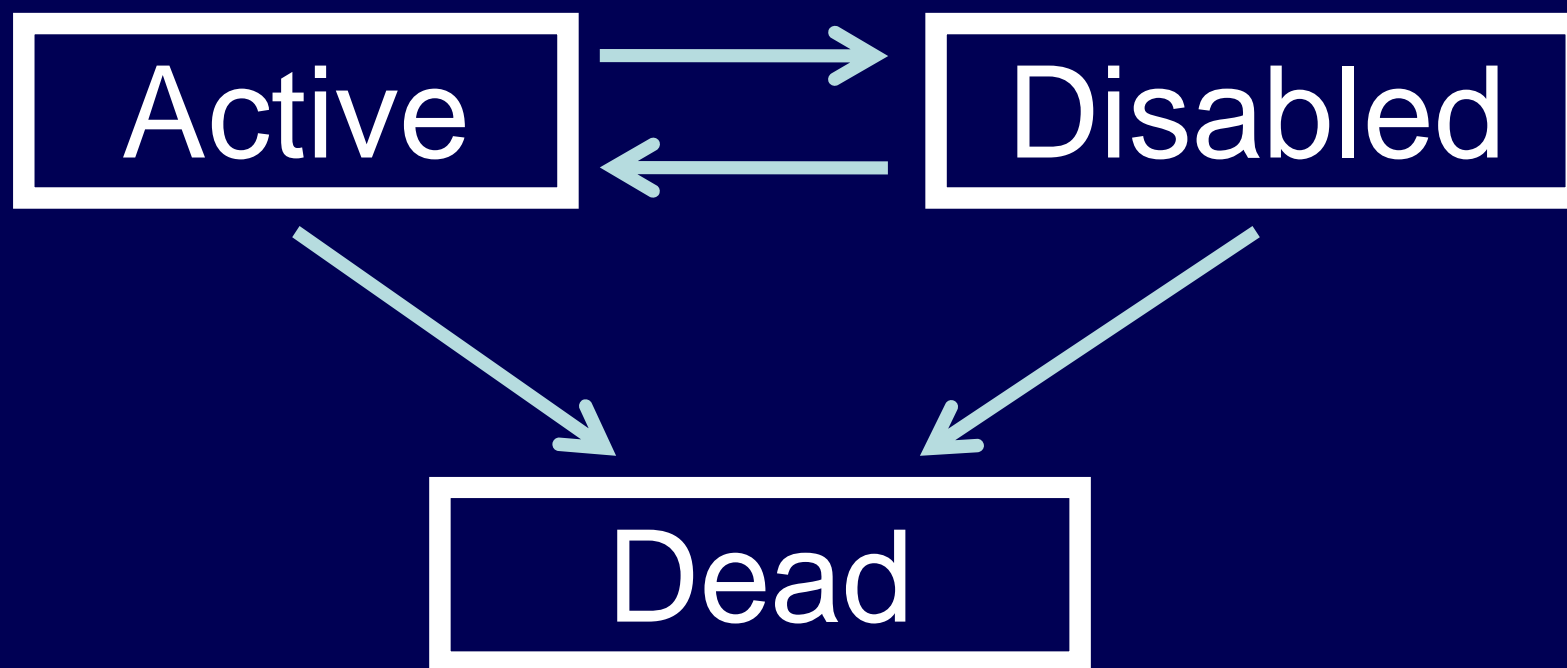
Data and Measures

- Race/Ethnicity: self-report
 - Whites: who self identify as white and non-Hispanic
 - Blacks: who self identify as black and non-Hispanic
 - Hispanics: Do you consider yourself Hispanic or Latino?
 - Nativity: Born in the U.S.



Multistate Life Tables

Health Transitions:



Evidence of Health Selection?



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Evidence of Health Selection?

— LE's for males at age 50

Race-Ethnicity	TLE	ALE	DLE
	LE (StdErr)	LE (StdErr)	LE (StdErr)
White	28.32 (0.3)	24.34 (0.32)	3.98 (0.13)
Black	24.66 (0.53)	19.73 (0.55)	4.93 (0.37)
Hispanics(overall)	26.93 (0.87)	22.27 (0.85)	4.66 (0.32)
NB Hispanics	25.30 (0.89)	21.33 (0.74)	3.97 (0.37)
FB Hispanics	28.44 (1.51)	23.11 (1.45)	5.33 (0.6)



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Evidence of Negative Acculturation?



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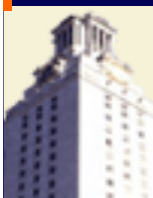
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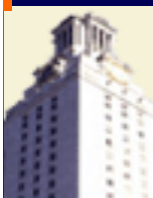
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LE's for Females at Age 50

Race-Ethnicity	TLE	ALE	DLE
	LE (StdErr)	LE (StdErr)	LE (StdErr)
White	32.40 (0.33)	26.51 (0.29)	5.89 (0.14)
Black	29.17 (0.58)	21.23 (0.54)	7.94 (0.38)
Hispanics(overall)	33.28 (0.7)	23.63 (0.67)	9.64 (0.65)
NB Hispanics	32.82 (1.27)	24.81 (0.96)	8.01 (0.96)
FB Hispanics	33.73 (1.24)	22.85 (0.83)	10.88 (1.11)



Conclusion

- Hispanic paradox:
 - in mortality but not in disability
 - Health selection: FB Hispanic men, both NB and FB Hispanic women.
 - Negative acculturation: NB Hispanic men
- 2nd paradox?
 - Why do Hispanics have lengthy lives yet also have lengthy disabled lives?



In The Works

- Etiologies of disability and mortality
 - More independent for foreign-born Hispanics?
 - Does the effect of disability on the risk of death differ by race/ethnic group?
- Race/ethnic variation in the pathological origins of disability



Thank you very much!!



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Sample size (HRS 1998-2006)

Race-Ethnicity	Male		Female		Total	
Non-Hispanic White	8571	33.6%	10893	42.7%	19464	76%
Non-Hispanic Black	1492	5.8%	2315	9.1%	3807	15%
Hispanics	974	3.8%	1288	5.0%	2262	9%
Native-Born Hispanics	604	2.4%	723	2.8%	1327	5%
Mexican	338	1.3%	407	1.6%	745	3%
non-Mexican	266	1.0%	316	1.2%	582	2%
Foreign-Born Hispanics	370	1.4%	565	2.2%	935	4%
Mexican	100	0.4%	135	0.5%	235	1%
non-Mexican	270	1.1%	430	1.7%	700	3%
Total	11037	43.2%	14496	56.8%	25533	100%

