

SUPPLEMENTAL ONLINE ONLY MATERIAL

Figure S1: Study Population Flow Diagram

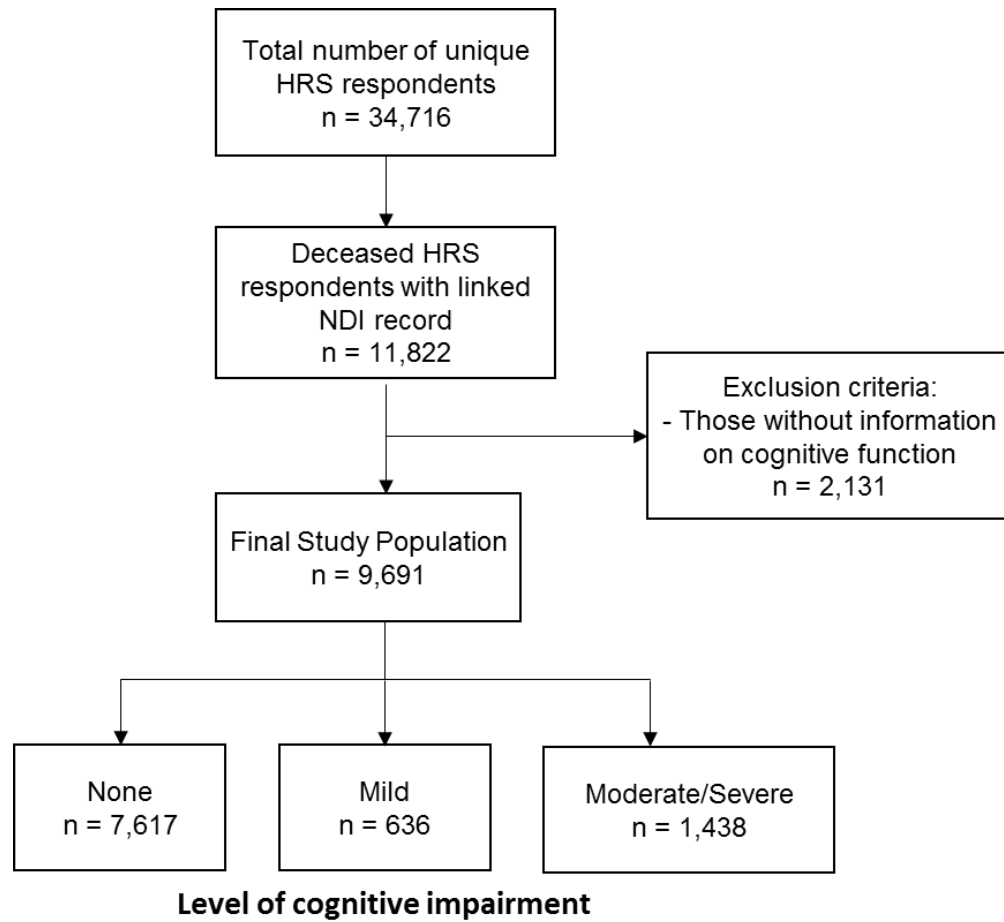
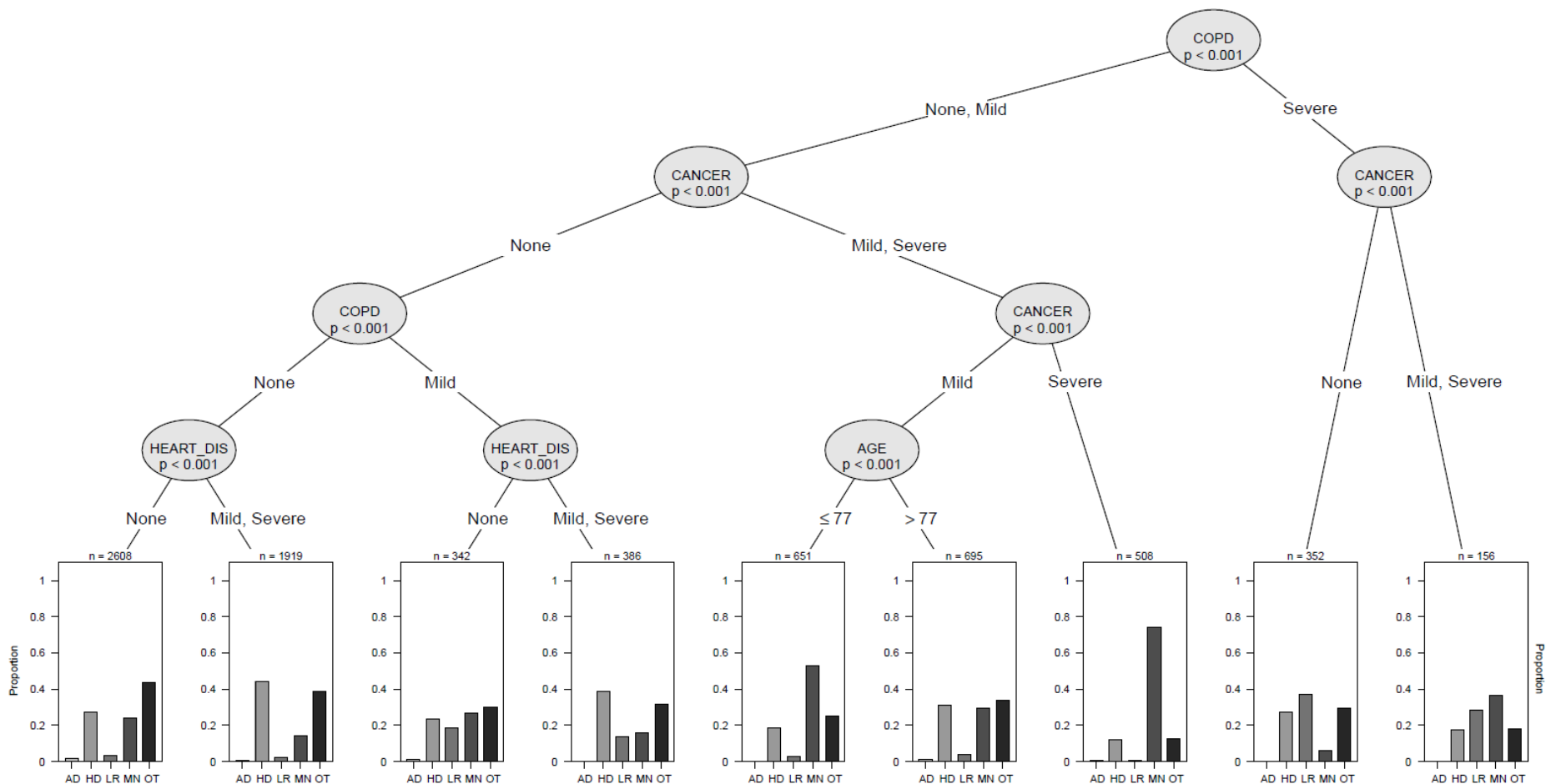


Figure S2: Distribution of cause of death among those with no cognitive impairment



Abbreviations: AD = Alzheimer's Disease/Dementia, HD = Heart Diseases, LR = Lower Respiratory Diseases, MN = Malignant Neoplasms, OT = Other Causes.

Table S1: Heart disease and cancer subcategories of underlying cause of death by cognitive impairment

	None		Mild		Mod/Sev	
	N	%	N	%	N	%
Total	7,617	100%	636	100%	1438	100%
Diseases of the Heart	1770	23%	143	22%	345	24%
Chronic ischemic heart disease (not AMI)	822	11%	54	8%	163	11%
Acute Myocardial Infarction	395	5%	25	4%	80	6%
Heart failure	144	2%	24	4%	37	3%
All other heart disease	409	5%	40	6%	65	5%
Malignant Neoplasms	1653	22%	75	12%	113	8%
Cancer of lung, bronchus, or trachea	494	6%	21	3%	20	1%
Cancer of colon, rectum, or anus	140	2%	<10	*	13	1%
Cancer of pancreas	115	2%	<10	*	<10	*
Cancer of prostate	99	1%	<10	*	13	1%
Cancer of breast	96	1%	<10	*	<15	*
All other cancer	709	9%	27	4%	47	3%

Note: Exact counts for cells with <10 observations are masked along with the corresponding percentage. The cell for breast cancer among moderate/severe cognitive impairment is also masked (<15) to make calculation of other masked cells in the column impossible.

Table S2: Top 10 associated causes of death by cognitive status

	No Cognitive Impairment			Mild Cognitive Impairment			Moderate/severe Cog. Impairment		
	Cause of death	N	%	Cause of death	N	%	Cause of death	N	%
1	Diseases of Heart	6064	29.1%	Disease of Heart	507	29.2%	Diseases of Heart	1071	28.1%
2	Malignant Neoplasm	2670	12.8%	Malignant Neoplasm	155	8.9%	AD/Dementia	237	18.0%
3	Chronic Lower Respiratory Disease	1009	4.8%	Cerebrovascular	107	6.2%	Cerebrovascular	221	12.0%
4	Hypertension	862	4.2%	Diabetes	69	4.0%	Hypertension	194	9.6%
5	Nephritis	788	3.8%	Hypertension	68	3.9%	Malignant Neoplasms	185	7.9%
6	Cerebrovascular	785	3.8%	Influenza & pneumonia	63	3.6%	Influenza & Pneumonia	142	5.0%
7	Diabetes	785	3.8%	Chronic Lower Respiratory Disease	57	3.3%	Diabetes	136	3.5%
8	Influenza and Pneumonia	574	2.8%	Nephritis	48	2.8%	Nephritis	135	3.2%
9	Septicemia	486	2.3%	AD/Dementia	33	1.9%	Chronic Lower Respiratory Disease	124	3.1%
10	Unintentional Injuries	297	1.4%	Septicemia	30	1.7%	Septicemia	88	2.8%
	All other	6475	31.1%	All other	600	34.5%	All other	1553	38.0%

Note: This table tabulates all of the multiple causes listed on each death record. Therefore, there are multiple causes per person, and the N's in this table do not match the N's in the study population.

