

Supplementary Materials

Supplemental Table S1: Summary of 3MS sub-scores by referral status

3MS Sub-scores	Referred drivers		Non-referred drivers		p-value
	mean \pm SD	N Missing	mean \pm SD	N Missing	
Birth date and location	4.8 (0.6)	0	5.0 (0.1)	0	0.12
Registration	2.8 (0.7)	0	3.0 (0.0)	0	0.05
Mental reversal	6.0 (1.6)	0	6.7 (1.0)	0	0.01
Immediate recall	3.9 (2.6)	0	6.1 (2.3)	0	<0.05
Temporal orientation	11.4 (4.7)	0	14.4 (1.9)	0	<0.05
Spatial orientation	4.9 (0.3)	1	5.0 (0.1)	0	0.09
Naming	4.7 (0.8)	1	4.9 (0.3)	0	0.02
Fluency	7.1 (2.1)	0	8.6 (1.9)	0	<0.05
Abstraction	3.1 (1.8)	3	4.8 (1.4)	0	<0.05
Repetition	4.8 (0.7)	1	4.9 (0.4)	0	0.35
Read and obey	2.9 (0.4)	2	3.0 (0.0)	0	0.06
Writing	4.8 (0.4)	2	5.0 (0.0)	0	<0.05
Copying pentagons	8.7 (1.4)	2	9.4 (0.7)	0	<0.05
3 stage command	2.8 (0.4)	6	2.9 (0.3)	0	0.45
Delayed recall	4.8 (2.8)	0	7.5 (2.1)	0	<0.05

Supplemental Table S2: Predicted probabilities of being referred to driving authority by number of instrumental activities of daily living (iADL) domains showing decline

Clinical Risk factor	Referred drivers								Non-referred drivers							
	N	Mean	SD	Min	Max	25th Pctl	50th Pctl	75th Pctl	N	Mean	SD	Min	Max	25th Pctl	50th Pctl	75th Pctl
iADL Functional impairments																
0 to 1	18	0.37	0.2	0.1	0.6	0.2	0.4	0.5	37	0.28	0.1	0.0	0.6	0.2	0.3	0.4
2	11	0.66	0.1	0.4	0.8	0.6	0.7	0.8	10	0.55	0.2	0.1	0.8	0.4	0.6	0.7
3	12	0.87	0.1	0.7	0.9	0.8	0.9	0.9	3	0.69	0.1	0.6	0.7	0.6	0.7	0.7
4	9	0.86	0.1	0.7	1.0	0.8	0.9	0.9								

Supplement Table S3: Baseline characteristics by referral status and number of instrumental activities of daily living (iADL) domains showing decline

	Referred drivers (N=50)		Non-referred drivers (N=50)	
	<i>Number of iADL impairments</i>		<i>Number of iADL impairments</i>	
	0 to 1 (N=18)	2 to 4 (N=32)	0 to 1 (N=37)	2 to 4 (N=13)
Age (years), mean \pm SD	76.8 \pm 8.4	78.9 \pm 5.3	72.9 \pm 7.0	72.9 \pm 7.0
Sex, n (%)				
Male	15 (83.3)	16 (50.0)	16 (43.2)	9 (69.2)
Female	3 (16.7)	16 (50.0)	21 (56.8)	4 (30.8)
Education, n (%)				
High school or lower	6 (33.3)	17 (53.1)	11 (29.7)	3 (23.1)
College or university	12 (66.7)	15 (46.9)	26 (70.3)	10 (76.9)
First language, n (%)				
English	8 (44.4)	17 (53.1)	13 (35.1)	4 (30.8)
French	10 (55.6)	15 (46.9)	22 (59.5)	8 (61.5)
Other	0 (0.0)	0 (0.0)	2 (5.4)	1 (7.7)
Living status, n (%)				
With others	15 (83.3)	24 (75.0)	32 (86.5)	12 (92.3)
Alone	3 (16.7)	8 (25.0)	5 (13.5)	1 (7.7)
Cardiovascular disease, n (%)				
Yes	15 (83.3)	23 (71.9)	28 (75.7)	13 (100)
No	3 (16.7)	9 (28.1)	9 (24.3)	0 (0.0)
Psychiatric disease, n (%)				
Yes	7 (38.9)	11 (34.4)	12 (32.4)	5 (38.5)
No	11 (61.1)	21 (65.6)	25 (67.6)	8 (61.5)
Number of medications, mean \pm SD	4.2 \pm 2.9	4.4 \pm 2.7	3.9 \pm 2.5	4.8 \pm 1.7

Supplement Table S4: Description of clinical risk factors for driving by referral status and number of instrumental activities of daily living (iADL) domains showing decline

	Referred drivers (N=50)			Non-referred drivers (N=50)		
	<i>Number of iADL impairments</i>			<i>Number of iADL impairments</i>		
	0 to 1 (N=18)	2 to 4 (N=32)	N Missing	0 to 1 (N=37)	2 to 4 (N=13)	N Missing
Trails B test (seconds), mean \pm SD	263.3 \pm 54.7	219.8 \pm 85.2	3	125.8 \pm 49.0	102.7 \pm 27.7	1
Trails B score categories, n (%)						
Below 3 minutes	3 (16.7)	11 (37.9)	3	33 (91.7)	13 (100)	1
3 minutes or above	15 (83.3)	18 (62.1)		3 (8.3)	0 (0.0)	
3MS Total score, mean \pm SD	83.7 \pm 9.6	71.6 \pm 16.7	0	91.8 \pm 7.1	89.4 \pm 9.3	0
Clock drawing score categories, n (%)						
Score 1-2	11 (61.1)	15 (48.4)	1	35 (94.6)	11 (84.6)	0
Score 3-4	7 (38.9)	16 (51.6)		2 (5.4)	2 (15.4)	