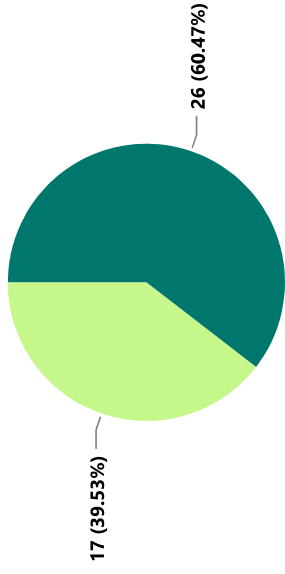# Effect of Diabetic on Heart for cognitive Decline Pateints
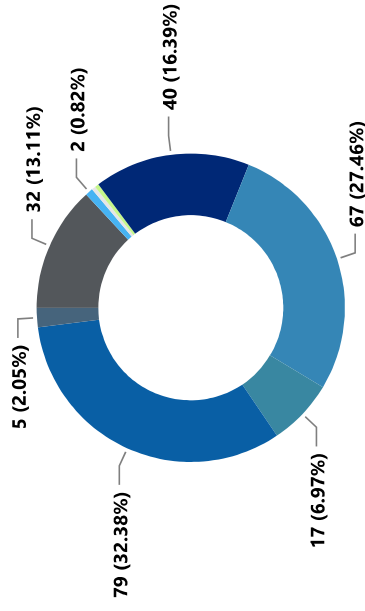
Demographic Analysis

Cognitive Decline Analysis

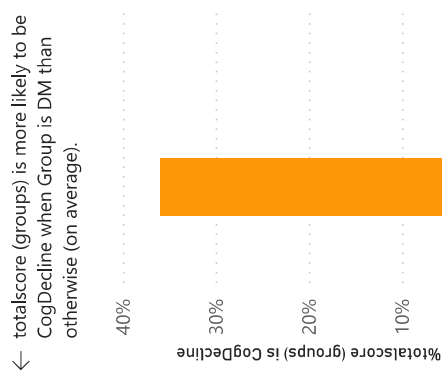- **MildcogDecline**
- **CogDecline**
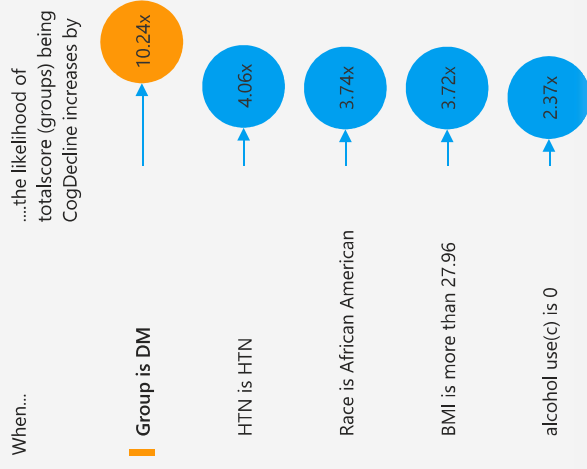
26 (60.47%)

17 (39.53%)

<2 TEST FAIL
>2 TEST FAIL

Test Considered

40 (16.39%)

32 (13.11%)

2 (0.82%)

67 (27.46%)

5 (2.05%)

17 (6.97%)

79 (32.38%)

- **HVLT Test**
- **MMSE Test**
- **Clock Test**
- **IADL Test**
- **TMT Test**
- **BADS Test**
- **GDS Test**
- **VF Test**
- **WTAR Test**

Key influencers   Top segments

What influences totalscore (groups) to be   CogDecline   ?

When...   ...the likelihood of totalscore (groups) being CogDecline increases by

When	Likelihood
Group is DM	10.24x
HTN is HTN	4.06x
Race is African American	3.74x
BMI is more than 27.96	3.72x
alcohol use(c) is 0	2.37x

↙ totalscore (groups) is more likely to be CogDecline when Group is DM than otherwise (on average).

%totalscore (groups) is CogDecline

40%
30%
20%
10%
0%

DM   CONTROL

Group

☐ Only show values that are influencers

Demographic

id	Race	BMI	Gender	Age	HTN	Diabetes Duration	heart_failure	stroke	tobacco(c)	alcohol use(c)
S0264_2	White	27.41	F	66	HTN	30	1	0	1	0
S0555_2	White	39.09	M	65	HTN	30	0	0	0	0
S0301_2	Asian	34.70	F	65	NTN	28	0	0	0	0
S0592_2	White	29.81	F	57	NTN	24	0	0	0	0
S0515_2	White	21.86	F	72	HTN	21	1	1	0	0
S0564_2	White	26.60	F	77	HTN	18	0	0	0	1
S0570_2	African American	27.02	F	62	NTN	15	0	0	0	0
S0513_2	White	40.02	M	61	NTN	13	0	0	0	0
S0580_2	White	22.81	M	62	NTN	13	0	0	0	0
S0540_2	White	25.28	M	56	HTN	12	0	0	0	0
S0562_2	African American	33.71	M	73	HTN	12	0	0	0	1
S0536_2	African American	32.66	M	50	HTN	11	0	0	0	0
S0554_2	African American	26.62	F	67	NTN	11	0	0	0	1
S0434_2	White	26.54	M	63	NTN	10	0	0	0	1
S0531_2	White	22.55	M	77	HTN	10	0	0	1	0
S0544_2	Latino	23.76	M	76	HTN	10	0	0	0	0
S0569_2	White	35.69	F	56	HTN	10	0	0	0	1

Dement...
- ☐ CogDecl...
- ■ Mildcog...

Race
- ☐ African ...
- ☐ Asian
- ☐ Latino
- ☐ White

Demographic–Detail

BMI | AGE | RACE | HTN | HISTORY

BMI

Group ▲ CONTROL ▲ DM

Weight(kg)

120
100
80
60
40

1.5   1.6   1.7   1.8   1.9

Height(m)

Dementia Level
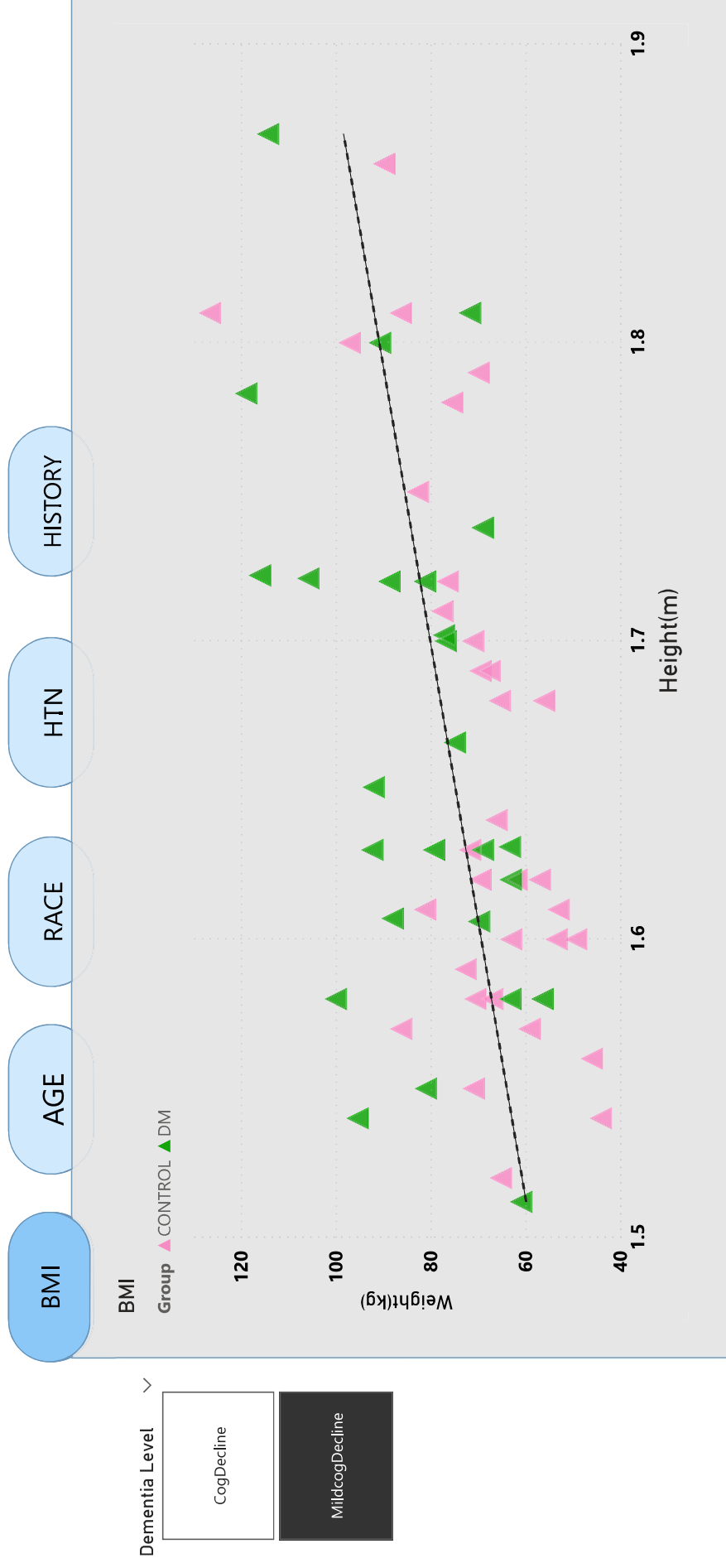
CogDecline

MildcogDecline

id	Race	BMI	Gender	Age	HTN	tobacco(c)	alcohol use(c)	totalscore	Alb/Cre	Fasting Cholestrol	Fasting Glucose
S0174_2	White	26.56	F	58	HTN	0	0	5	1.00	151.00	91.00
S0296_2	White	22.68	F	71	HTN	0	0	5	4.40	155.00	128.00
S0522_2	White	31.11	M	74	HTN	0	0	5	2.60	124.00	140.00
S0539_2	White	30.87	M	74	NTN	0	0	5	14.60	156.00	106.00
S0550_2	African American	32.14	M	50	HTN	0	0	5	1.80	237.00	132.00
S0565_2	African American	35.62	F	66	NTN	0	0	5	11.00	156.00	123.00