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Appendix Tables – Full model outputs

Table SA1: Mixed effects models for SBP recovery (% baseline)

Main effects	Model 1	Model 2
Period 1 10-20s	1.71 (-7.43 - 10.84)	-16.56 (-26.41 - -6.71)
Period 2 20-30s	-4.07 (-13.18 - 5.04)	2.02 (-7.81 - 11.85)
Period 3 30-110s	-1.61 (-3.81 - 0.59)	-0.43 (-2.80 - 1.95)
Prefrail	0.39 (-0.41 - 1.20)	0.44 (-0.40 - 1.28)
Frail	0.29 (-2.58 - 3.17)	1.07 (-1.97 - 4.10)
Age	-0.42 (-1.01 - 0.17)	-0.52 (-1.11 - 0.07)
Age*age	0.003 (-0.002 - 0.007)	0.003 (-0.001 - 0.008)
Female	-1.56 (-2.27 - -0.85)	-1.14 (-1.88 - -0.40)
Antidepressant		-3.84 (-5.44 - -2.25)
Antihypertensive		-3.05 (-4.24 - -1.86)
BMI		0.77 (0.29 - 1.24)
BMI*BMI		-0.01 (-0.02 - 0.00)
Past smoker		0.50 (-0.28 - 1.27)
Current smoker		-0.10 (-1.18 - 0.98)
CES-D score		-0.01 (-0.07 - 0.06)
Diabetes		1.51 (-0.01 - 3.03)
Stroke		-2.25 (-5.86 - 1.35)
Angina		-2.77 (-4.71 - -0.83)
Heart attack		1.42 (-0.60 - 3.43)
Hypertension		1.17 (0.35 - 2.00)
Heart murmur		-0.31 (-1.94 - 1.32)
Interactions 10-20s		
Prefrail*time	-0.99 (-1.37 - -0.60)	-0.88 (-1.29 - -0.47)
Frail*time	-4.12 (-5.53 - -2.72)	-2.71 (-4.21 - -1.21)
Age*time	0.81 (0.52 - 1.10)	0.89 (0.59 - 1.18)
Age*age*time	-0.008 (-0.011 - -0.006)	-0.009 (-0.011 - -0.007)
Female*time	-2.01 (-2.36 - -1.67)	-1.60 (-1.96 - -1.23)
Antidepressant*time		-0.62 (-1.40 - 0.16)
Antihypertensive*time		0.02 (-0.57 - 0.61)
BMI*time		0.98 (0.75 - 1.22)
BMI*BMI*time		-0.013 (-0.017 - -0.009)
Past smoker*time		-0.51 (-0.89 - -0.13)
Current smoker*time		-2.03 (-2.56 - -1.50)
CES-D score*time		-0.03 (-0.06 - 0.00)
Diabetes*time		-0.62 (-1.37 - 0.13)
Stroke*time		1.01 (-0.75 - 2.76)
Angina*time		1.42 (0.47 - 2.37)
Heart attack*time		1.05 (0.06 - 2.04)
Hypertension*time		-2.12 (-2.53 - -1.72)
Heart murmur*time		0.92 (0.11 - 1.72)
Interactions 20-30s		
Prefrail*time	0.01 (-0.38 - 0.39)	0.07 (-0.34 - 0.48)
Frail*time	-0.25 (-1.65 - 1.15)	-0.29 (-1.79 - 1.21)
Age*time	0.05 (-0.24 - 0.33)	0.00 (-0.30 - 0.29)
Age*age*time	0.001 (-0.002 - 0.003)	0.001 (-0.001 - 0.003)
Female*time	1.68 (1.34 - 2.03)	1.56 (1.20 - 1.92)
Antidepressant*time		0.92 (0.14 - 1.69)
Antihypertensive*time		0.86 (0.27 - 1.44)

BMI*time		-0.19 (-0.42 - 0.05)
BMI*BMI*time		0.001 (-0.003 - 0.005)
Past smoker*time		-0.21 (-0.59 - 0.17)
Current smoker*time		0.45 (-0.08 - 0.98)
CES-D score*time		-0.02 (-0.05 - 0.01)
Diabetes*time		-1.10 (-1.85 - -0.36)
Stroke*time		0.73 (-1.03 - 2.48)
Angina*time		0.74 (-0.20 - 1.69)
Heart attack*time		-0.50 (-1.49 - 0.49)
Hypertension*time		0.74 (0.33 - 1.15)
Heart murmur*time		0.20 (-0.60 - 1.00)
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Interactions 30-110s		
Prefrail*time	0.15 (0.06 - 0.25)	0.10 (0.00 - 0.20)
Frail*time	0.46 (0.10 - 0.82)	0.27 (-0.12 - 0.66)
Age*time	0.02 (-0.05 - 0.09)	0.02 (-0.05 - 0.09)
Age*age*time	0.000 (0.000 - 0.001)	0.000 (0.000 - 0.001)
Female*time	0.06 (-0.02 - 0.14)	0.04 (-0.05 - 0.12)
Antidepressant*time		0.16 (-0.03 - 0.35)
Antihypertensive*time		0.01 (-0.13 - 0.16)
BMI*time		-0.08 (-0.13 - -0.02)
BMI*BMI*time		0.001 (0.000 - 0.002)
Past smoker*time		0.03 (-0.06 - 0.13)
Current smoker*time		0.19 (0.06 - 0.32)
CES-D score*time		0.01 (0.00 - 0.01)
Diabetes*time		0.13 (-0.05 - 0.31)
Stroke*time		-0.11 (-0.55 - 0.33)
Angina*time		0.13 (-0.10 - 0.36)
Heart attack*time		-0.01 (-0.25 - 0.23)
Hypertension*time		0.07 (-0.03 - 0.17)
Heart murmur*time		0.12 (-0.07 - 0.31)
<hr/>		
Intercept	95.91 (77.18 - 114.63)	83.24 (63.23 - 103.25)
Random effects (identity matrix)		
Intercept variance	71.96 (67.17 - 77.09)	67.87 (63.18 - 72.92)
AR1 Residuals by Frailty category		
variance		
Robust	61.68 (58.53 - 64.98)	61.49 (58.31 - 64.84)
Prefrail	89.55 (82.26 - 97.49)	90.61 (83.17 - 98.72)
Frail	120.38 (90.48 - 160.17)	124.69 (92.53 - 168.02)
<hr/>		
rho		
Robust	0.74 (0.72 - 0.75)	0.74 (0.73 - 0.75)
Prefrail	0.80 (0.78 - 0.81)	0.80 (0.78 - 0.82)
Frail	0.81 (0.75 - 0.86)	0.81 (0.75 - 0.86)

Table SA2: Mixed effects models for DBP recovery (% baseline)

Main effects	Model 1	Model 2
Period 1 10-20s	12.04 (1.71 - 22.37)	3.03 (-8.12 - 14.17)
Period 2 20-30s	-3.84 (-14.10 - 6.41)	3.82 (-7.24 - 14.89)
Period 3 30-110s	-1.16 (-3.32 - 0.99)	-0.35 (-2.68 - 1.97)
Prefrail	0.80 (-0.01 - 1.61)	0.55 (-0.31 - 1.40)
Frail	2.77 (0.10 - 5.44)	2.59 (-0.27 - 5.45)
Age	-0.62 (-1.21 - -0.02)	-0.72 (-1.32 - -0.12)
Age*age	0.004 (-0.001 - 0.009)	0.005 (0.000 - 0.010)
Female	0.34 (-0.38 - 1.06)	0.68 (-0.07 - 1.44)
Antidepressant		-2.35 (-3.97 - -0.73)
Antihypertensive		-2.87 (-4.08 - -1.65)
BMI		0.90 (0.42 - 1.39)
BMI*BMI		-0.009 (-0.016 - -0.001)
Past smoker		0.46 (-0.33 - 1.26)
Current smoker		0.76 (-0.35 - 1.87)
CES-D score		0.03 (-0.03 - 0.10)
Diabetes		1.26 (-0.29 - 2.81)
Stroke		-3.08 (-6.71 - 0.54)
Angina		-3.67 (-5.64 - -1.70)
Heart attack		0.54 (-1.52 - 2.59)
Hypertension		1.32 (0.47 - 2.17)
Heart murmur		-1.25 (-2.92 - 0.42)
Interactions 10-20s		
Prefrail*time	-1.80 (-2.24 - -1.36)	-1.39 (-1.86 - -0.92)
Frail*time	-5.26 (-6.87 - -3.65)	-3.44 (-5.16 - -1.71)
Age*time	0.63 (0.30 - 0.96)	0.80 (0.48 - 1.13)
Age*age*time	-0.008 (-0.010 - -0.005)	-0.009 (-0.012 - -0.006)
Female*time	-3.18 (-3.58 - -2.79)	-3.08 (-3.50 - -2.67)
Antidepressant*time		-0.18 (-1.06 - 0.71)
Antihypertensive*time		0.15 (-0.51 - 0.81)
BMI*time		0.41 (0.15 - 0.68)
BMI*BMI*time		-0.008 (-0.012 - -0.004)
Past smoker*time		-0.96 (-1.39 - -0.53)
Current smoker*time		-2.02 (-2.63 - -1.42)
CES-D score*time		-0.06 (-0.09 - -0.02)
Diabetes*time		-1.57 (-2.42 - -0.72)
Stroke*time		3.00 (1.00 - 5.01)
Angina*time		1.68 (0.61 - 2.76)
Heart attack*time		2.33 (1.21 - 3.45)
Hypertension*time		-2.30 (-2.76 - -1.84)
Heart murmur*time		-0.51 (-1.42 - 0.39)
Interactions 20-30s		
Prefrail*time	-0.18 (-0.62 - 0.26)	0.07 (-0.40 - 0.53)
Frail*time	-1.17 (-2.77 - 0.42)	-0.76 (-2.47 - 0.95)
Age*time	0.13 (-0.19 - 0.45)	0.10 (-0.22 - 0.43)
Age*age*time	0.000 (-0.003 - 0.003)	0.000 (-0.002 - 0.003)
Female*time	2.81 (2.43 - 3.20)	2.65 (2.24 - 3.06)
Antidepressant*time		0.09 (-0.79 - 0.97)
Antihypertensive*time		0.83 (0.17 - 1.49)
BMI*time		-0.27 (-0.53 - -0.01)

BMI*BMI*time		0.002 (-0.002 - 0.006)
Past smoker*time		-0.33 (-0.76 - 0.10)
Current smoker*time		-0.53 (-1.12 - 0.07)
CES-D score*time		-0.02 (-0.06 - 0.02)
Diabetes*time		-1.31 (-2.15 - -0.47)
Stroke*time		0.00 (-1.99 - 1.99)
Angina*time		1.19 (0.12 - 2.26)
Heart attack*time		-0.62 (-1.73 - 0.50)
Hypertension*time		0.73 (0.27 - 1.18)
Heart murmur*time		0.36 (-0.54 - 1.26)
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Interactions 30-110s		
Prefrail*time	0.15 (0.05 - 0.24)	0.10 (0.00 - 0.20)
Frail*time	0.25 (-0.07 - 0.58)	0.09 (-0.26 - 0.44)
Age*time	0.01 (-0.05 - 0.08)	0.01 (-0.06 - 0.08)
Age*age*time	0.000 (0.000 - 0.001)	0.000 (0.000 - 0.001)
Female*time	0.08 (0.00 - 0.16)	0.06 (-0.03 - 0.15)
Antidepressant*time		0.11 (-0.08 - 0.30)
Antihypertensive*time		0.05 (-0.09 - 0.19)
BMI*time		-0.05 (-0.11 - 0.00)
BMI*BMI*time		0.001 (0.000 - 0.002)
Past smoker*time		0.05 (-0.04 - 0.14)
Current smoker*time		0.12 (0.00 - 0.25)
CES-D score*time		0.01 (0.00 - 0.02)
Diabetes*time		0.12 (-0.06 - 0.30)
Stroke*time		-0.20 (-0.62 - 0.23)
Angina*time		0.06 (-0.17 - 0.29)
Heart attack*time		-0.08 (-0.32 - 0.15)
Hypertension*time		0.04 (-0.06 - 0.13)
Heart murmur*time		0.20 (0.01 - 0.39)
<hr/>		
Intercept	96.75 (77.80 - 115.71)	80.22 (59.81 - 100.62)
Random effects (identity matrix)		
Intercept variance	83.37 (78.87 - 88.13)	82.05 (77.58 - 86.79)
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AR1 Residuals by Frailty category		
variance		
Robust	58.03 (55.80 - 60.36)	57.52 (55.29 - 59.83)
Prefrail	78.61 (73.63 - 83.92)	77.20 (72.26 - 82.48)
Frail	81.71 (66.37 - 100.59)	85.43 (68.54 - 106.48)
<hr/>		
rho		
Robust	0.65 (0.64 - 0.66)	0.65 (0.64 - 0.66)
Prefrail	0.69 (0.67 - 0.71)	0.69 (0.67 - 0.71)
Frail	0.63 (0.54 - 0.70)	0.63 (0.54 - 0.71)

Table SA3: Mixed effects models for heart rate recovery (% baseline)

Main effects	Model 1	Model 2
Period 1 10-20s	-69.39 (-78.50 - -60.28)	-44.75 (-54.57 - -34.92)
Period 2 20-30s	28.21 (19.19 - 37.23)	28.81 (19.09 - 38.53)
Period 3 30-110s	1.67 (-0.16 - 3.50)	2.25 (0.30 - 4.21)
Prefrail	-1.26 (-1.93 - -0.59)	-0.51 (-1.22 - 0.19)
Frail	-2.02 (-4.20 - 0.16)	0.70 (-1.64 - 3.03)
Age	-0.68 (-1.18 - -0.17)	-0.52 (-1.03 - -0.02)
Age*age	0.002 (-0.002 - 0.006)	0.001 (-0.003 - 0.005)
Female	-1.17 (-1.78 - -0.56)	-1.25 (-1.89 - -0.61)
Antidepressant		-3.53 (-4.88 - -2.18)
Antihypertensive		-2.52 (-3.54 - -1.50)
BMI		0.77 (0.36 - 1.18)
BMI*BMI		-0.011 (-0.017 - -0.004)
Past smoker		0.00 (-0.67 - 0.67)
Current smoker		-2.80 (-3.73 - -1.87)
CES-D score		0.00 (-0.05 - 0.06)
Diabetes		-3.31 (-4.60 - -2.02)
Stroke		-0.31 (-3.29 - 2.67)
Angina		-1.35 (-2.99 - 0.29)
Heart attack		-0.98 (-2.69 - 0.73)
Hypertension		-2.14 (-2.85 - -1.42)
Heart murmur		0.48 (-0.92 - 1.89)
Interactions 10-20s		
Prefrail*time	1.74 (1.36 - 2.13)	1.22 (0.81 - 1.62)
Frail*time	4.92 (3.73 - 6.11)	2.41 (1.12 - 3.70)
Age*time	1.45 (1.16 - 1.73)	1.38 (1.09 - 1.67)
Age*age*time	-0.008 (-0.010 - -0.005)	-0.007 (-0.009 - -0.005)
Female*time	-0.64 (-0.98 - -0.29)	-0.91 (-1.27 - -0.54)
Antidepressant*time		2.49 (1.72 - 3.27)
Antihypertensive*time		-0.17 (-0.76 - 0.42)
BMI*time		-1.53 (-1.76 - -1.29)
BMI*BMI*time		0.023 (0.020 - 0.027)
Past smoker*time		0.48 (0.09 - 0.86)
Current smoker*time		3.86 (3.32 - 4.39)
CES-D score*time		0.02 (-0.01 - 0.05)
Diabetes*time		1.67 (0.92 - 2.41)
Stroke*time		0.43 (-1.29 - 2.15)
Angina*time		1.32 (0.37 - 2.26)
Heart attack*time		0.94 (-0.05 - 1.93)
Hypertension*time		1.79 (1.38 - 2.20)
Heart murmur*time		-0.50 (-1.31 - 0.31)
Interactions 20-30s		
Prefrail*time	-0.03 (-0.41 - 0.35)	0.07 (-0.33 - 0.47)
Frail*time	-1.10 (-2.29 - 0.08)	-1.12 (-2.40 - 0.16)
Age*time	-0.90 (-1.19 - -0.62)	-0.89 (-1.18 - -0.61)
Age*age*time	0.007 (0.005 - 0.009)	0.007 (0.004 - 0.009)
Female*time	0.27 (-0.08 - 0.61)	0.24 (-0.13 - 0.60)
Antidepressant*time		0.39 (-0.38 - 1.15)
Antihypertensive*time		0.32 (-0.26 - 0.90)
BMI*time		0.00 (-0.23 - 0.24)

BMI*BMI*time		-0.001 (-0.005 - 0.003)
Past smoker*time		-0.03 (-0.41 - 0.35)
Current smoker*time		0.18 (-0.35 - 0.71)
CES-D score*time		-0.02 (-0.05 - 0.01)
Diabetes*time		0.72 (-0.02 - 1.46)
Stroke*time		0.17 (-1.53 - 1.88)
Angina*time		-1.07 (-2.01 - -0.13)
Heart attack*time		-0.02 (-1.00 - 0.95)
Hypertension*time		-0.16 (-0.57 - 0.25)
Heart murmur*time		-0.82 (-1.62 - -0.02)
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Interactions 30-110s		
Prefrail*time	-0.06 (-0.14 - 0.01)	-0.03 (-0.11 - 0.05)
Frail*time	-0.24 (-0.49 - 0.01)	-0.17 (-0.45 - 0.10)
Age*time	-0.02 (-0.08 - 0.03)	-0.01 (-0.07 - 0.05)
Age*age*time	0.000 (0.000 - 0.000)	0.000 (-0.001 - 0.000)
Female*time	0.06 (-0.01 - 0.13)	0.02 (-0.05 - 0.10)
Antidepressant*time		0.01 (-0.14 - 0.17)
Antihypertensive*time		-0.10 (-0.21 - 0.02)
BMI*time		-0.04 (-0.09 - 0.00)
BMI*BMI*time		0.000 (0.000 - 0.001)
Past smoker*time		-0.04 (-0.11 - 0.04)
Current smoker*time		-0.11 (-0.22 - -0.01)
CES-D score*time		0.00 (-0.01 - 0.01)
Diabetes*time		-0.08 (-0.22 - 0.07)
Stroke*time		0.12 (-0.22 - 0.46)
Angina*time		-0.04 (-0.23 - 0.15)
Heart attack*time		0.09 (-0.11 - 0.28)
Hypertension*time		-0.05 (-0.13 - 0.03)
Heart murmur*time		-0.03 (-0.19 - 0.13)
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Intercept	157.26 (141.30 - 173.22)	140.17 (123.09 - 157.26)
Random effects (identity matrix)		
Intercept variance	58.73 (55.59 - 62.06)	57.37 (54.29 - 60.62)
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AR1 Residuals by Frailty category		
variance		
Robust	46.94 (45.15 - 48.80)	45.25 (43.56 - 47.01)
Prefrail	47.74 (45.23 - 50.38)	46.34 (43.93 - 48.89)
Frail	50.39 (40.40 - 62.85)	53.21 (41.96 - 67.48)
<hr/>		
rho		
Robust	0.64 (0.62 - 0.65)	0.63 (0.61 - 0.64)
Prefrail	0.63 (0.61 - 0.65)	0.62 (0.60 - 0.64)
Frail	0.68 (0.60 - 0.75)	0.69 (0.60 - 0.76)

Table SA4: Mixed effects models for SBP recovery (mmHg)

Main effects	Model 1	Model 2
Period 1 10-20s	-15.43 (-27.53 - -3.32)	-40.89 (-53.94 - -27.84)
Period 2 20-30s	-6.85 (-18.93 - 5.23)	-0.21 (-13.24 - 12.81)
Period 3 30-110s	-1.10 (-4.03 - 1.83)	0.26 (-2.91 - 3.43)
Prefrail	0.34 (-1.30 - 1.98)	0.13 (-1.59 - 1.85)
Frail	1.27 (-4.66 - 7.21)	0.89 (-5.39 - 7.17)
Age	1.37 (0.15 - 2.60)	0.97 (-0.25 - 2.19)
Age*age	-0.009 (-0.018 - 0.001)	-0.005 (-0.015 - 0.004)
Female	0.63 (-0.84 - 2.10)	0.56 (-0.97 - 2.09)
Antidepressant		-3.46 (-6.74 - -0.18)
Antihypertensive		-5.89 (-8.35 - -3.42)
BMI		1.68 (0.70 - 2.67)
BMI*BMI		-0.021 (-0.037 - -0.005)
Past smoker		-0.80 (-2.41 - 0.80)
Current smoker		-2.80 (-5.05 - -0.56)
CES-D score		0.12 (-0.01 - 0.26)
Diabetes		0.66 (-2.48 - 3.79)
Stroke		-3.23 (-10.58 - 4.12)
Angina		-6.88 (-10.87 - -2.90)
Heart attack		-2.29 (-6.45 - 1.86)
Hypertension		5.43 (3.71 - 7.15)
Heart murmur		-2.75 (-6.13 - 0.63)
Interactions 10-20s		
Prefrail*time	-1.27 (-1.78 - -0.75)	-1.20 (-1.74 - -0.66)
Frail*time	-5.99 (-7.89 - -4.09)	-4.47 (-6.49 - -2.44)
Age*time	1.57 (1.19 - 1.95)	1.59 (1.21 - 1.98)
Age*age*time	-0.015 (-0.017 - -0.012)	-0.015 (-0.018 - -0.012)
Female*time	-2.26 (-2.72 - -1.80)	-1.77 (-2.25 - -1.29)
Antidepressant*time		-0.30 (-1.33 - 0.74)
Antihypertensive*time		-0.20 (-0.98 - 0.57)
BMI*time		1.50 (1.19 - 1.81)
BMI*BMI*time		-0.020 (-0.025 - -0.015)
Past smoker*time		-0.85 (-1.36 - -0.35)
Current smoker*time		-3.21 (-3.91 - -2.50)
CES-D score*time		-0.02 (-0.06 - 0.02)
Diabetes*time		-1.09 (-2.08 - -0.10)
Stroke*time		0.29 (-2.04 - 2.61)
Angina*time		1.29 (0.04 - 2.55)
Heart attack*time		0.52 (-0.79 - 1.83)
Hypertension*time		-1.92 (-2.46 - -1.38)
Heart murmur*time		1.18 (0.12 - 2.25)
Interactions 20-30s		
Prefrail*time	-0.04 (-0.55 - 0.47)	0.08 (-0.46 - 0.62)
Frail*time	-0.47 (-2.37 - 1.43)	-0.46 (-2.49 - 1.57)
Age*time	0.10 (-0.28 - 0.48)	0.03 (-0.36 - 0.41)
Age*age*time	0.001 (-0.002 - 0.004)	0.001 (-0.002 - 0.004)
Female*time	2.35 (1.89 - 2.81)	2.19 (1.70 - 2.67)
Antidepressant*time		1.33 (0.30 - 2.36)
Antihypertensive*time		1.11 (0.34 - 1.89)
BMI*time		-0.14 (-0.45 - 0.17)

BMI*BMI*time		0.000 (-0.005 - 0.005)
Past smoker*time		-0.26 (-0.76 - 0.24)
Current smoker*time		0.44 (-0.27 - 1.14)
CES-D score*time		-0.02 (-0.07 - 0.02)
Diabetes*time		-1.58 (-2.56 - -0.59)
Stroke*time		0.90 (-1.42 - 3.22)
Angina*time		0.79 (-0.47 - 2.04)
Heart attack*time		-1.15 (-2.46 - 0.15)
Hypertension*time		1.11 (0.57 - 1.65)
Heart murmur*time		0.19 (-0.87 - 1.25)
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Interactions 30-110s		
Prefrail*time	0.20 (0.07 - 0.33)	0.13 (-0.01 - 0.27)
Frail*time	0.67 (0.13 - 1.21)	0.43 (-0.14 - 1.01)
Age*time	-0.01 (-0.10 - 0.09)	-0.01 (-0.10 - 0.08)
Age*age*time	0.000 (0.000 - 0.001)	0.000 (0.000 - 0.001)
Female*time	0.09 (-0.02 - 0.20)	0.06 (-0.06 - 0.17)
Antidepressant*time		0.20 (-0.06 - 0.45)
Antihypertensive*time		0.03 (-0.15 - 0.22)
BMI*time		-0.09 (-0.17 - -0.02)
BMI*BMI*time		0.002 (0.000 - 0.003)
Past smoker*time		0.04 (-0.08 - 0.16)
Current smoker*time		0.27 (0.10 - 0.44)
CES-D score*time		0.01 (0.00 - 0.02)
Diabetes*time		0.15 (-0.10 - 0.39)
Stroke*time		-0.05 (-0.64 - 0.53)
Angina*time		0.14 (-0.16 - 0.45)
Heart attack*time		-0.03 (-0.35 - 0.29)
Hypertension*time		0.07 (-0.06 - 0.20)
Heart murmur*time		0.15 (-0.11 - 0.41)
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Intercept	56.08 (17.29 - 94.88)	37.26 (-4.15 - 78.67)
<hr/>		
Random effects (identity matrix)		
Intercept variance	484.80 (461.61 - 509.15)	464.58 (441.81 - 488.53)
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AR1 Residuals by Frailty category		
variance		
Robust	107.04 (101.53 - 112.84)	106.44 (100.90 - 112.30)
Prefrail	162.61 (146.42 - 180.58)	167.18 (149.73 - 186.68)
Frail	329.37 (180.59 - 600.72)	352.45 (181.23 - 685.46)
<hr/>		
rho		
Robust	0.74 (0.72 - 0.75)	0.74 (0.72 - 0.75)
Prefrail	0.80 (0.78 - 0.82)	0.81 (0.79 - 0.83)
Frail	0.87 (0.77 - 0.93)	0.88 (0.77 - 0.94)

Table SA5: Mixed effects models for DBP recovery (mmHg)

Main effects	Model 1	Model 2
Period 1 10-20s	8.44 (1.24 - 15.63)	2.40 (-5.36 - 10.16)
Period 2 20-30s	-3.33 (-10.46 - 3.80)	1.81 (-5.88 - 9.51)
Period 3 30-110s	-0.74 (-2.21 - 0.73)	-0.30 (-1.88 - 1.28)
Prefrail	0.10 (-0.74 - 0.94)	-0.08 (-0.95 - 0.80)
Frail	1.01 (-1.76 - 3.78)	0.32 (-2.59 - 3.23)
Age	-0.17 (-0.80 - 0.46)	-0.35 (-0.98 - 0.27)
Age*age	0.000 (-0.005 - 0.005)	0.002 (-0.003 - 0.007)
Female	-1.25 (-2.01 - -0.49)	-1.41 (-2.20 - -0.62)
Antidepressant		-0.61 (-2.28 - 1.06)
Antihypertensive		-4.19 (-5.45 - -2.92)
BMI		0.84 (0.34 - 1.34)
BMI*BMI		-0.009 (-0.017 - -0.001)
Past smoker		-0.22 (-1.04 - 0.61)
Current smoker		-0.62 (-1.77 - 0.53)
CES-D score		0.07 (0.00 - 0.14)
Diabetes		-0.79 (-2.39 - 0.81)
Stroke		-1.90 (-5.61 - 1.81)
Angina		-4.03 (-6.07 - -1.99)
Heart attack		-2.59 (-4.71 - -0.46)
Hypertension		2.39 (1.51 - 3.28)
Heart murmur		-2.26 (-4.00 - -0.53)
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Interactions 10-20s		
Prefrail*time	-1.30 (-1.60 - -0.99)	-1.01 (-1.33 - -0.69)
Frail*time	-3.87 (-4.99 - -2.75)	-2.80 (-4.00 - -1.60)
Age*time	0.48 (0.25 - 0.71)	0.57 (0.34 - 0.80)
Age*age*time	-0.006 (-0.008 - -0.004)	-0.006 (-0.008 - -0.005)
Female*time	-2.84 (-3.11 - -2.57)	-2.87 (-3.15 - -2.58)
Antidepressant*time		0.30 (-0.32 - 0.91)
Antihypertensive*time		-0.47 (-0.93 - -0.01)
BMI*time		0.31 (0.12 - 0.49)
BMI*BMI*time		-0.005 (-0.008 - -0.002)
Past smoker*time		-0.76 (-1.06 - -0.46)
Current smoker*time		-1.69 (-2.11 - -1.27)
CES-D score*time		-0.03 (-0.06 - -0.01)
Diabetes*time		-1.33 (-1.92 - -0.74)
Stroke*time		1.69 (0.30 - 3.08)
Angina*time		0.71 (-0.04 - 1.46)
Heart attack*time		0.67 (-0.11 - 1.45)
Hypertension*time		-1.26 (-1.58 - -0.94)
Heart murmur*time		-0.47 (-1.10 - 0.16)
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Interactions 20-30s		
Prefrail*time	-0.25 (-0.55 - 0.05)	-0.04 (-0.36 - 0.28)
Frail*time	-0.93 (-2.03 - 0.18)	-0.61 (-1.80 - 0.58)
Age*time	0.12 (-0.11 - 0.35)	0.09 (-0.13 - 0.32)
Age*age*time	0.000 (-0.002 - 0.002)	0.000 (-0.002 - 0.002)
Female*time	1.94 (1.67 - 2.21)	1.80 (1.51 - 2.08)
Antidepressant*time		0.16 (-0.45 - 0.77)
Antihypertensive*time		0.51 (0.06 - 0.97)
BMI*time		-0.15 (-0.34 - 0.03)

BMI*BMI*time		0.00 (0.00 - 0.00)
Past smoker*time		-0.23 (-0.52 - 0.07)
Current smoker*time		-0.51 (-0.92 - -0.09)
CES-D score*time		-0.01 (-0.04 - 0.01)
Diabetes*time		-1.08 (-1.67 - -0.50)
Stroke*time		-0.12 (-1.49 - 1.25)
Angina*time		0.59 (-0.15 - 1.33)
Heart attack*time		-0.63 (-1.41 - 0.14)
Hypertension*time		0.64 (0.32 - 0.96)
Heart murmur*time		0.14 (-0.48 - 0.77)
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Interactions 30-110s		
Prefrail*time	0.10 (0.04 - 0.16)	0.07 (0.00 - 0.13)
Frail*time	0.20 (-0.03 - 0.43)	0.10 (-0.15 - 0.35)
Age*time	0.01 (-0.04 - 0.05)	0.01 (-0.04 - 0.05)
Age*age*time	0.000 (0.000 - 0.000)	0.000 (0.000 - 0.000)
Female*time	0.06 (0.00 - 0.11)	0.04 (-0.01 - 0.10)
Antidepressant*time		0.08 (-0.05 - 0.21)
Antihypertensive*time		0.04 (-0.05 - 0.14)
BMI*time		-0.03 (-0.07 - 0.01)
BMI*BMI*time		0.001 (0.000 - 0.001)
Past smoker*time		0.04 (-0.02 - 0.10)
Current smoker*time		0.09 (0.01 - 0.18)
CES-D score*time		0.00 (0.00 - 0.01)
Diabetes*time		0.06 (-0.06 - 0.18)
Stroke*time		-0.07 (-0.36 - 0.21)
Angina*time		0.02 (-0.14 - 0.17)
Heart attack*time		-0.05 (-0.21 - 0.11)
Hypertension*time		0.02 (-0.05 - 0.08)
Heart murmur*time		0.13 (0.00 - 0.26)
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Intercept	65.22 (45.33 - 85.11)	53.15 (31.99 - 74.31)
Random effects (identity matrix)		
Intercept variance	132.94 (127.04 - 139.11)	127.29 (121.58 - 133.27)
AR1 Residuals by Frailty category		
variance		
Robust	27.24 (26.23 - 28.29)	27.01 (26.00 - 28.05)
Prefrail	34.58 (32.49 - 36.80)	33.85 (31.80 - 36.02)
Frail	43.00 (33.60 - 55.05)	44.42 (34.17 - 57.72)
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rho		
Robust	0.63 (0.62 - 0.65)	0.63 (0.62 - 0.65)
Prefrail	0.67 (0.64 - 0.69)	0.66 (0.64 - 0.69)
Frail	0.66 (0.57 - 0.74)	0.66 (0.56 - 0.75)

Table SA6: Mixed effects models for heart rate recovery (heart rate)

Main effects	Model 1	Model 2
Period 1 10-20s	-43.78 (-49.74 - -37.83)	-27.96 (-34.38 - -21.54)
Period 2 20-30s	18.36 (12.48 - 24.24)	18.46 (12.13 - 24.80)
Period 3 30-110s	1.06 (-0.10 - 2.22)	1.44 (0.20 - 2.67)
Prefrail	0.92 (0.18 - 1.67)	0.98 (0.22 - 1.74)
Frail	2.09 (-0.32 - 4.50)	1.42 (-1.05 - 3.90)
Age	-0.66 (-1.22 - -0.10)	-0.63 (-1.18 - -0.09)
Age*age	0.003 (-0.001 - 0.007)	0.003 (-0.001 - 0.008)
Female	0.29 (-0.39 - 0.97)	-0.11 (-0.79 - 0.58)
Antidepressant		0.00 (-1.46 - 1.45)
Antihypertensive		-8.43 (-9.53 - -7.33)
BMI		-0.26 (-0.70 - 0.18)
BMI*BMI		0.010 (0.003 - 0.017)
Past smoker		-0.31 (-1.03 - 0.42)
Current smoker		0.83 (-0.18 - 1.83)
CES-D score		-0.03 (-0.09 - 0.03)
Diabetes		1.42 (0.03 - 2.81)
Stroke		-0.67 (-3.88 - 2.54)
Angina		-2.56 (-4.34 - -0.79)
Heart attack		-2.21 (-4.06 - -0.36)
Hypertension		0.14 (-0.63 - 0.91)
Heart murmur		-0.43 (-1.95 - 1.08)
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Interactions 10-20s		
Prefrail*time	1.03 (0.78 - 1.29)	0.71 (0.44 - 0.98)
Frail*time	2.99 (2.22 - 3.76)	1.45 (0.61 - 2.29)
Age*time	0.91 (0.72 - 1.09)	0.86 (0.67 - 1.05)
Age*age*time	-0.005 (-0.006 - -0.003)	-0.004 (-0.006 - -0.003)
Female*time	-0.52 (-0.75 - -0.29)	-0.67 (-0.91 - -0.43)
Antidepressant*time		1.52 (1.01 - 2.03)
Antihypertensive*time		0.38 (-0.01 - 0.76)
BMI*time		-0.96 (-1.11 - -0.80)
BMI*BMI*time		0.014 (0.012 - 0.017)
Past smoker*time		0.37 (0.12 - 0.62)
Current smoker*time		2.40 (2.05 - 2.75)
CES-D score*time		0.01 (-0.01 - 0.03)
Diabetes*time		1.01 (0.53 - 1.50)
Stroke*time		0.23 (-0.91 - 1.37)
Angina*time		0.88 (0.25 - 1.50)
Heart attack*time		0.61 (-0.04 - 1.26)
Hypertension*time		1.10 (0.83 - 1.37)
Heart murmur*time		-0.26 (-0.79 - 0.27)
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Interactions 20-30s		
Prefrail*time	-0.04 (-0.29 - 0.21)	0.04 (-0.23 - 0.30)
Frail*time	-0.78 (-1.55 - -0.01)	-0.73 (-1.56 - 0.10)
Age*time	-0.59 (-0.77 - -0.40)	-0.58 (-0.76 - -0.39)
Age*age*time	0.004 (0.003 - 0.006)	0.004 (0.003 - 0.006)
Female*time	0.13 (-0.09 - 0.36)	0.13 (-0.11 - 0.37)
Antidepressant*time		0.24 (-0.27 - 0.74)
Antihypertensive*time		0.32 (-0.06 - 0.70)
BMI*time		0.02 (-0.13 - 0.17)

BMI*BMI*time		-0.001 (-0.003 - 0.001)
Past smoker*time		0.03 (-0.22 - 0.27)
Current smoker*time		0.09 (-0.26 - 0.43)
CES-D score*time		-0.01 (-0.04 - 0.01)
Diabetes*time		0.41 (-0.07 - 0.90)
Stroke*time		0.08 (-1.04 - 1.21)
Angina*time		-0.68 (-1.29 - -0.06)
Heart attack*time		0.01 (-0.63 - 0.65)
Hypertension*time		-0.18 (-0.45 - 0.08)
Heart murmur*time		-0.54 (-1.06 - -0.02)
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Interactions 30-110s		
Prefrail*time	-0.04 (-0.09 - 0.01)	-0.02 (-0.07 - 0.03)
Frail*time	-0.14 (-0.30 - 0.02)	-0.11 (-0.29 - 0.07)
Age*time	-0.02 (-0.05 - 0.02)	-0.01 (-0.04 - 0.03)
Age*age*time	0.000 (0.000 - 0.000)	0.000 (0.000 - 0.000)
Female*time	0.05 (0.00 - 0.09)	0.02 (-0.02 - 0.07)
Antidepressant*time		0.01 (-0.09 - 0.11)
Antihypertensive*time		-0.07 (-0.14 - 0.01)
BMI*time		-0.03 (-0.06 - 0.00)
BMI*BMI*time		0.000 (0.000 - 0.001)
Past smoker*time		-0.02 (-0.07 - 0.02)
Current smoker*time		-0.07 (-0.13 - 0.00)
CES-D score*time		0.00 (0.00 - 0.00)
Diabetes*time		-0.05 (-0.15 - 0.04)
Stroke*time		0.08 (-0.14 - 0.30)
Angina*time		-0.02 (-0.14 - 0.10)
Heart attack*time		0.06 (-0.07 - 0.18)
Hypertension*time		-0.03 (-0.08 - 0.03)
Heart murmur*time		-0.02 (-0.12 - 0.08)
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Intercept	108.79 (91.05 - 126.53)	105.66 (87.23 - 124.09)
Random effects (identity matrix)		
Intercept variance	111.02 (106.20 - 116.05)	100.89 (96.46 - 105.52)
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AR1 Residuals by Frailty category		
variance		
Robust	18.43 (17.77 - 19.12)	17.76 (17.14 - 18.41)
Prefrail	19.68 (18.71 - 20.69)	19.12 (18.19 - 20.09)
Frail	21.05 (16.70 - 26.53)	21.92 (17.13 - 28.05)
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rho		
Robust	0.61 (0.60 - 0.63)	0.61 (0.59 - 0.62)
Prefrail	0.59 (0.57 - 0.61)	0.58 (0.56 - 0.61)
Frail	0.68 (0.59 - 0.75)	0.68 (0.59 - 0.76)

Table SA7: Mixed effects models for BP & heart rate recovery by frailty criteria (% baseline)

Main effects	Systolic BP	Diastolic BP	Heart rate
Period 1 10-20s	-14.88 (-24.64 - -5.11)	6.27 (-4.77 - 17.30)	-47.02 (-56.84 - -37.20)
Period 2 20-30s	0.53 (-9.22 - 10.27)	3.03 (-7.92 - 13.98)	28.85 (19.13 - 38.57)
Period 3 30-110s	-0.59 (-2.94 - 1.76)	-0.52 (-2.83 - 1.78)	2.12 (0.17 - 4.07)
Slowness	-0.72 (-2.12 - 0.68)	1.89 (0.45 - 3.32)	-1.76 (-2.96 - -0.55)
Low Activity	0.69 (-0.36 - 1.73)	0.64 (-0.43 - 1.71)	0.26 (-0.63 - 1.16)
Weakness	0.09 (-1.23 - 1.40)	-0.22 (-1.57 - 1.12)	0.29 (-0.84 - 1.41)
Exhaustion	1.12 (-0.38 - 2.63)	0.73 (-0.81 - 2.27)	-0.64 (-1.93 - 0.65)
Weight loss	0.24 (-1.29 - 1.77)	0.30 (-1.27 - 1.87)	0.16 (-1.15 - 1.47)
Age	-0.58 (-1.16 - 0.01)	-0.71 (-1.31 - -0.11)	-0.59 (-1.10 - -0.09)
Age*age	0.004 (-0.001 - 0.009)	0.005 (0.000 - 0.010)	0.002 (-0.002 - 0.006)
Female	-1.11 (-1.85 - -0.37)	0.79 (0.03 - 1.55)	-1.29 (-1.92 - -0.65)
Antidepressant	-3.80 (-5.37 - -2.22)	-2.47 (-4.08 - -0.86)	-3.34 (-4.69 - -1.99)
Antihypertensive	-2.93 (-4.12 - -1.74)	-2.84 (-4.06 - -1.62)	-2.54 (-3.57 - -1.52)
BMI	0.84 (0.37 - 1.32)	0.99 (0.51 - 1.48)	0.76 (0.35 - 1.16)
BMI*BMI	-0.009 (-0.017 - -0.002)	-0.010 (-0.018 - -0.003)	-0.011 (-0.017 - -0.004)
Past smoker	0.45 (-0.33 - 1.23)	0.45 (-0.35 - 1.25)	0.00 (-0.67 - 0.68)
Current smoker	-0.03 (-1.12 - 1.05)	0.80 (-0.31 - 1.91)	-2.75 (-3.69 - -1.82)
CES-D score	-0.02 (-0.09 - 0.05)	0.03 (-0.04 - 0.10)	0.01 (-0.05 - 0.07)
Diabetes	1.50 (-0.01 - 3.00)	1.06 (-0.48 - 2.60)	-3.20 (-4.50 - -1.91)
Stroke	-1.85 (-5.31 - 1.62)	-3.21 (-6.76 - 0.34)	-0.11 (-3.08 - 2.87)
Angina	-2.88 (-4.79 - -0.96)	-3.85 (-5.81 - -1.90)	-1.34 (-2.98 - 0.30)
Heart attack	1.40 (-0.60 - 3.39)	0.61 (-1.43 - 2.65)	-1.04 (-2.75 - 0.67)
Hypertension	1.17 (0.33 - 2.00)	1.36 (0.51 - 2.21)	-2.11 (-2.83 - -1.40)
Heart murmur	-0.17 (-1.80 - 1.47)	-1.24 (-2.91 - 0.44)	0.45 (-0.95 - 1.86)
Interactions 10-20s			
Slowness*time	-2.33 (-3.02 - -1.64)	-3.82 (-4.59 - -3.04)	3.26 (2.57 - 3.96)
Low Activity*time	-0.48 (-0.99 - 0.04)	-0.56 (-1.14 - 0.02)	0.21 (-0.30 - 0.73)
Weakness*time	-0.41 (-1.05 - 0.24)	-0.26 (-0.98 - 0.47)	0.53 (-0.12 - 1.18)
Exhaustion*time	-0.76 (-1.50 - -0.02)	-0.62 (-1.45 - 0.22)	1.20 (0.46 - 1.95)
Weight loss*time	-0.61 (-1.37 - 0.14)	-1.11 (-1.96 - -0.26)	0.05 (-0.71 - 0.80)
Age*time	0.81 (0.52 - 1.10)	0.70 (0.37 - 1.02)	1.48 (1.19 - 1.77)
Age*age*time	-0.008 (-0.011 - -0.006)	-0.008 (-0.011 - -0.005)	-0.008 (-0.010 - -0.006)
Female*time	-1.65 (-2.01 - -1.28)	-3.19 (-3.60 - -2.78)	-0.87 (-1.24 - -0.50)
Antidepressant*time	-0.54 (-1.31 - 0.23)	-0.04 (-0.92 - 0.83)	2.30 (1.53 - 3.08)
Antihypertensive*time	-0.02 (-0.60 - 0.57)	0.14 (-0.52 - 0.80)	-0.14 (-0.73 - 0.45)
BMI*time	1.00 (0.77 - 1.23)	0.39 (0.13 - 0.65)	-1.53 (-1.77 - -1.30)
BMI*BMI*time	-0.013 (-0.017 - -0.010)	-0.007 (-0.011 - -0.003)	0.023 (0.019 - 0.027)
Past smoker*time	-0.52 (-0.90 - -0.14)	-0.94 (-1.38 - -0.51)	0.48 (0.09 - 0.86)
Current smoker*time	-2.02 (-2.55 - -1.49)	-1.97 (-2.57 - -1.36)	3.84 (3.30 - 4.38)
CES-D score*time	-0.03 (-0.07 - 0.00)	-0.07 (-0.10 - -0.03)	0.01 (-0.02 - 0.04)
Diabetes*time	-0.48 (-1.22 - 0.26)	-1.37 (-2.21 - -0.54)	1.49 (0.75 - 2.23)
Stroke*time	1.46 (-0.24 - 3.16)	3.59 (1.66 - 5.51)	-0.06 (-1.77 - 1.65)
Angina*time	1.55 (0.62 - 2.49)	1.86 (0.80 - 2.92)	1.24 (0.29 - 2.18)
Heart attack*time	0.90 (-0.07 - 1.88)	2.05 (0.94 - 3.15)	1.04 (0.06 - 2.02)
Hypertension*time	-2.16 (-2.57 - -1.75)	-2.36 (-2.82 - -1.89)	1.79 (1.38 - 2.20)
Heart murmur*time	0.89 (0.09 - 1.69)	-0.47 (-1.38 - 0.44)	-0.50 (-1.30 - 0.31)
Interactions 20-30s			
Slowness*time	0.96 (0.27 - 1.65)	0.70 (-0.07 - 1.47)	-0.25 (-0.94 - 0.43)
Low Activity*time	-0.45 (-0.96 - 0.06)	-0.64 (-1.21 - -0.06)	0.04 (-0.47 - 0.55)

Weakness*time	0.56 (-0.09 - 1.20)	0.66 (-0.07 - 1.38)	-0.39 (-1.03 - 0.26)
Exhaustion*time	-0.89 (-1.63 - -0.16)	-0.70 (-1.53 - 0.13)	0.47 (-0.26 - 1.21)
Weight loss*time	-0.74 (-1.49 - 0.01)	-0.92 (-1.76 - -0.07)	0.15 (-0.60 - 0.90)
Age*time	0.07 (-0.22 - 0.36)	0.19 (-0.13 - 0.51)	-0.90 (-1.19 - -0.62)
Age*age*time	0.000 (-0.002 - 0.003)	-0.001 (-0.003 - 0.002)	0.007 (0.005 - 0.009)
Female*time	1.53 (1.16 - 1.89)	2.61 (2.20 - 3.02)	0.25 (-0.11 - 0.61)
Antidepressant*time	0.94 (0.17 - 1.71)	0.18 (-0.68 - 1.05)	0.26 (-0.51 - 1.03)
Antihypertensive*time	0.82 (0.24 - 1.41)	0.84 (0.18 - 1.49)	0.34 (-0.25 - 0.92)
BMI*time	-0.22 (-0.46 - 0.01)	-0.38 (-0.64 - -0.12)	0.02 (-0.21 - 0.25)
BMI*BMI*time	0.002 (-0.002 - 0.005)	0.004 (-0.001 - 0.008)	-0.001 (-0.005 - 0.002)
Past smoker*time	-0.21 (-0.59 - 0.17)	-0.33 (-0.76 - 0.10)	-0.03 (-0.41 - 0.35)
Current smoker*time	0.43 (-0.10 - 0.97)	-0.57 (-1.17 - 0.03)	0.16 (-0.37 - 0.69)
CES-D score*time	0.00 (-0.03 - 0.04)	0.00 (-0.04 - 0.04)	-0.03 (-0.07 - 0.00)
Diabetes*time	-1.03 (-1.77 - -0.29)	-1.10 (-1.93 - -0.27)	0.73 (-0.01 - 1.46)
Stroke*time	0.48 (-1.22 - 2.18)	-0.20 (-2.10 - 1.71)	0.17 (-1.52 - 1.86)
Angina*time	0.82 (-0.12 - 1.76)	1.28 (0.22 - 2.33)	-1.03 (-1.97 - -0.10)
Heart attack*time	-0.42 (-1.39 - 0.56)	-0.50 (-1.60 - 0.60)	-0.06 (-1.04 - 0.91)
Hypertension*time	0.73 (0.33 - 1.14)	0.73 (0.27 - 1.19)	-0.18 (-0.59 - 0.23)
Heart murmur*time	0.15 (-0.65 - 0.95)	0.33 (-0.57 - 1.23)	-0.78 (-1.58 - 0.02)
Interactions 30-110s			
Slowness*time	0.22 (0.06 - 0.39)	0.11 (-0.05 - 0.27)	-0.10 (-0.23 - 0.04)
Low Activity*time	0.06 (-0.06 - 0.18)	0.05 (-0.07 - 0.17)	0.02 (-0.08 - 0.12)
Weakness*time	0.05 (-0.11 - 0.20)	0.01 (-0.15 - 0.16)	-0.02 (-0.15 - 0.11)
Exhaustion*time	0.11 (-0.07 - 0.29)	0.12 (-0.05 - 0.30)	-0.09 (-0.24 - 0.06)
Weight loss*time	0.03 (-0.15 - 0.21)	0.05 (-0.13 - 0.23)	-0.01 (-0.16 - 0.14)
Age*time	0.03 (-0.04 - 0.10)	0.01 (-0.05 - 0.08)	-0.01 (-0.06 - 0.05)
Age*age*time	0.000 (0.000 - 0.001)	0.000 (0.000 - 0.001)	0.000 (-0.001 - 0.000)
Female*time	0.04 (-0.05 - 0.13)	0.07 (-0.02 - 0.15)	0.02 (-0.05 - 0.10)
Antidepressant*time	0.14 (-0.04 - 0.33)	0.10 (-0.08 - 0.29)	0.02 (-0.13 - 0.18)
Antihypertensive*time	0.00 (-0.14 - 0.15)	0.05 (-0.09 - 0.19)	-0.10 (-0.21 - 0.02)
BMI*time	-0.09 (-0.14 - -0.03)	-0.05 (-0.11 - 0.00)	-0.04 (-0.09 - 0.00)
BMI*BMI*time	0.001 (0.000 - 0.002)	0.001 (0.000 - 0.002)	0.000 (-0.001 - 0.001)
Past smoker*time	0.04 (-0.06 - 0.13)	0.05 (-0.04 - 0.14)	-0.04 (-0.12 - 0.03)
Current smoker*time	0.18 (0.05 - 0.30)	0.11 (-0.02 - 0.23)	-0.12 (-0.22 - -0.01)
CES-D score*time	0.00 (0.00 - 0.01)	0.01 (0.00 - 0.01)	0.00 (-0.01 - 0.01)
Diabetes*time	0.12 (-0.06 - 0.30)	0.10 (-0.07 - 0.28)	-0.08 (-0.22 - 0.07)
Stroke*time	-0.13 (-0.54 - 0.28)	-0.21 (-0.61 - 0.19)	0.14 (-0.20 - 0.48)
Angina*time	0.12 (-0.11 - 0.34)	0.05 (-0.17 - 0.27)	-0.03 (-0.22 - 0.16)
Heart attack*time	0.02 (-0.22 - 0.25)	-0.06 (-0.29 - 0.17)	0.08 (-0.12 - 0.27)
Hypertension*time	0.07 (-0.03 - 0.17)	0.04 (-0.06 - 0.13)	-0.05 (-0.13 - 0.03)
Heart murmur*time	0.12 (-0.08 - 0.31)	0.20 (0.01 - 0.39)	-0.03 (-0.19 - 0.13)
Intercept	83.69 (63.80 - 103.57)	78.80 (58.44 - 99.15)	142.09 (125.01 - 159.16)
Random effects (identity matrix)			
Intercept variance	69.64 (64.89 - 74.73)	82.84 (78.37 - 87.57)	57.40 (54.32 - 60.66)
AR1 Residuals			
variance	70.38 (67.05 - 73.87)	63.71 (61.56 - 65.93)	45.70 (44.29 - 47.16)
rho	0.76 (0.75 - 0.77)	0.66 (0.65 - 0.67)	0.63 (0.61 - 0.64)

