

Supplementary Table S2: Table 1's binary approach				
	Overall	ABC Low <3	ABC High ≥3	p-value
<b>n</b>	27092	25348	1744	
<b>Died, n (%)</b>	913 (3.4)	788 (3.1)	125 (7.2)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	8.00 [6.00, 13.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.87 (7.64)	81.02 (7.71)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	10491 (41.4)	441 (25.3)	
76-85 years	11012 (40.6)	10243 (40.4)	769 (44.1)	
86-95 years	4958 (18.3)	4444 (17.5)	514 (29.5)	
>95 years	190 (0.7)	170 (0.7)	20 (1.1)	
<b>Female sex, n (%)</b>	14014 (51.7)	13065 (51.5)	949 (54.4)	0.022
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	13673 (53.9)	1446 (82.9)	<0.001
Surgical departement	11973 (44.2)	11675 (46.1)	298 (17.1)	
<b>Hearing device, n (%)</b>				<0.001
None	15674 (57.9)	14673 (57.9)	1001 (57.4)	
Hearing device	2976 (11.0)	2737 (10.8)	239 (13.7)	
Missing	8442 (31.2)	7938 (31.3)	504 (28.9)	
<b>Visual aid, n (%)</b>				0.084
None	4956 (18.3)	4614 (18.2)	342 (19.6)	
Glasses or contacts	13630 (50.3)	12737 (50.2)	893 (51.2)	
Missing	8506 (31.4)	7997 (31.5)	509 (29.2)	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1320 (5.2)	122 (7.0)	0.002
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	3629 (14.3)	1122 (64.3)	<0.001
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	3375 (13.3)	316 (18.1)	<0.001
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	3285 (13.0)	177 (10.1)	0.001
<b>Dementia, n (%)</b>	2595 (9.6)	2403 (9.5)	192 (11.0)	0.04
<b>COPD, n (%)</b>	3041 (11.2)	2708 (10.7)	333 (19.1)	<0.001
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	744 (2.9)	54 (3.1)	0.755
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	511 (2.0)	31 (1.8)	0.549
<b>Liverdisease, n (%)</b>	541 (2.0)	491 (1.9)	50 (2.9)	0.009
<b>Diabetes, n (%)</b>	5692 (21.0)	5188 (20.5)	504 (28.9)	<0.001
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	1166 (4.6)	66 (3.8)	0.128
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	5367 (21.2)	809 (46.4)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	4401 (17.4)	224 (12.8)	<0.001
<b>Delirium, n (%)</b>	1695 (6.3)	1547 (6.1)	148 (8.5)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [35.00, 40.00]	36.00 [31.00, 39.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	22.00 [20.00, 23.00]	21.00 [18.00, 23.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	7154 (28.2)	719 (41.2)	<0.001
<b>Surgery during stay, n (%)</b>	8676 (32.0)	8480 (33.5)	196 (11.2)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	65.00 [46.00, 81.00]	50.00 [33.50, 68.00]	<0.001
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	86.00 [69.50, 113.50]	104.50 [81.00, 143.00]	<0.001
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	138.50 [135.50, 141.00]	<0.001
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.10 [3.80, 4.45]	<0.001
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.00 [14.00, 35.00]	21.00 [13.00, 39.00]	0.393
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	27.00 [21.00, 39.00]	<0.001
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	12.00 [2.50, 56.00]	16.00 [4.85, 54.98]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	7474 (29.5)	410 (23.5)	
5-10	2680 (9.9)	2453 (9.7)	227 (13.0)	
10-50	6070 (22.4)	5502 (21.7)	568 (32.6)	
>50	6116 (22.6)	5686 (22.4)	430 (24.7)	
Missing	4342 (16.0)	4233 (16.7)	109 (6.2)	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.55 [36.23, 36.90]	36.60 [36.27, 36.90]	0.064
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.43 (19.78)	130.08 (19.06)	<0.001
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	71.98 (11.67)	70.75 (11.73)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.03 (5.16)	27.03 (6.26)	<0.001
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	7.37 (3.77)	10.24 (3.73)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.02 (0.20)	4.91 (2.34)	<0.001

Supplementary Table S2: Table 1's binary approach				
	Overall	AEC Low <3	AEC High ≥3	p-value
<b>n</b>	27092	25512	1580	
<b>Died, n (%)</b>	913 (3.4)	814 (3.2)	99 (6.3)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	7.00 [5.00, 11.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.92 (7.67)	80.56 (7.55)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	10504 (41.2)	428 (27.1)	
76-85 years	11012 (40.6)	10305 (40.4)	707 (44.7)	
86-95 years	4958 (18.3)	4535 (17.8)	423 (26.8)	
>95 years	190 (0.7)	168 (0.7)	22 (1.4)	
<b>Female sex, n (%)</b>	14014 (51.7)	13144 (51.5)	870 (55.1)	0.007
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	13962 (54.7)	1157 (73.2)	<0.001
Surgical departement	11973 (44.2)	11550 (45.3)	423 (26.8)	
<b>Hearing device, n (%)</b>				0.037
None	15674 (57.9)	14751 (57.8)	923 (58.4)	
Hearing device	2976 (11.0)	2777 (10.9)	199 (12.6)	
Missing	8442 (31.2)	7984 (31.3)	458 (29.0)	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	4576 (17.9)	380 (24.1)	
Glasses or contacts	13630 (50.3)	12890 (50.5)	740 (46.8)	
Missing	8506 (31.4)	8046 (31.5)	460 (29.1)	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1374 (5.4)	68 (4.3)	0.072
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	4369 (17.1)	382 (24.2)	<0.001
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	3472 (13.6)	219 (13.9)	0.806
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	3238 (12.7)	224 (14.2)	0.094
<b>Dementia, n (%)</b>	2595 (9.6)	2092 (8.2)	503 (31.8)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	2847 (11.2)	194 (12.3)	0.185
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	729 (2.9)	69 (4.4)	0.001
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	505 (2.0)	37 (2.3)	0.365
<b>Liverdisease, n (%)</b>	541 (2.0)	511 (2.0)	30 (1.9)	0.846
<b>Diabetes, n (%)</b>	5692 (21.0)	5324 (20.9)	368 (23.3)	0.024
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	1137 (4.5)	95 (6.0)	0.005
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	5678 (22.3)	498 (31.5)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	4366 (17.1)	259 (16.4)	0.481
<b>Delirium, n (%)</b>	1695 (6.3)	1367 (5.4)	328 (20.8)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [35.00, 40.00]	34.00 [27.00, 39.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	22.00 [20.00, 23.00]	20.00 [17.00, 22.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	1.00 [1.00, 3.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	7389 (29.0)	484 (30.6)	0.164
<b>Surgery during stay, n (%)</b>	8676 (32.0)	8387 (32.9)	289 (18.3)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.00 [45.00, 80.50]	59.50 [40.67, 78.00]	<0.001
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.00 [70.00, 115.00]	90.50 [70.00, 120.25]	0.056
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	138.00 [135.00, 140.50]	0.041
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.10 [3.70, 4.40]	0.718
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.00 [14.00, 36.00]	19.00 [12.00, 32.75]	0.003
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	25.00 [19.00, 34.00]	0.005
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	12.00 [2.55, 55.25]	17.50 [4.00, 63.50]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	7512 (29.4)	372 (23.5)	
5-10	2680 (9.9)	2531 (9.9)	149 (9.4)	
10-50	6070 (22.4)	5670 (22.2)	400 (25.3)	
>50	6116 (22.6)	5724 (22.4)	392 (24.8)	
Missing	4342 (16.0)	4075 (16.0)	267 (16.9)	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.55 [36.23, 36.90]	36.65 [36.30, 37.00]	<0.001
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.35 (19.79)	130.91 (19.14)	<0.001
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	72.02 (11.69)	70.00 (11.25)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.12 (5.22)	25.63 (5.87)	0.005
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	7.37 (3.74)	10.59 (3.98)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.25 (0.57)	4.51 (1.97)	<0.001

Supplementary Table S2: Table 1's binary approach				
	Overall	ACB Low <3	ACB High ≥3	p-value
<b>n</b>	27092	22013	5079	
<b>Died, n (%)</b>	913 (3.4)	630 (2.9)	283 (5.6)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	7.00 [4.00, 11.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.70 (7.61)	79.70 (7.78)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	9306 (42.3)	1626 (32.0)	
76-85 years	11012 (40.6)	8847 (40.2)	2165 (42.6)	
86-95 years	4958 (18.3)	3722 (16.9)	1236 (24.3)	
>95 years	190 (0.7)	138 (0.6)	52 (1.0)	
<b>Female sex, n (%)</b>	14014 (51.7)	11256 (51.1)	2758 (54.3)	<0.001
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	12008 (54.5)	3111 (61.3)	<0.001
Surgical departement	11973 (44.2)	10005 (45.5)	1968 (38.7)	
<b>Hearing device, n (%)</b>				<0.001
None	15674 (57.9)	12630 (57.4)	3044 (59.9)	
Hearing device	2976 (11.0)	2359 (10.7)	617 (12.1)	
Missing	8442 (31.2)	7024 (31.9)	1418 (27.9)	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	3885 (17.6)	1071 (21.1)	
Glasses or contacts	13630 (50.3)	11042 (50.2)	2588 (51.0)	
Missing	8506 (31.4)	7086 (32.2)	1420 (28.0)	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1183 (5.4)	259 (5.1)	0.452
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	3492 (15.9)	1259 (24.8)	<0.001
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	2942 (13.4)	749 (14.7)	0.01
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	2861 (13.0)	601 (11.8)	0.027
<b>Dementia, n (%)</b>	2595 (9.6)	1593 (7.2)	1002 (19.7)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	2390 (10.9)	651 (12.8)	<0.001
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	602 (2.7)	196 (3.9)	<0.001
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	448 (2.0)	94 (1.9)	0.429
<b>Liverdisease, n (%)</b>	541 (2.0)	461 (2.1)	80 (1.6)	0.02
<b>Diabetes, n (%)</b>	5692 (21.0)	4511 (20.5)	1181 (23.3)	<0.001
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	992 (4.5)	240 (4.7)	0.524
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	4723 (21.5)	1453 (28.6)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	3798 (17.3)	827 (16.3)	0.102
<b>Delirium, n (%)</b>	1695 (6.3)	1026 (4.7)	669 (13.2)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [35.00, 40.00]	36.00 [31.00, 40.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	22.00 [20.00, 23.00]	21.00 [18.00, 23.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	6128 (27.8)	1745 (34.4)	<0.001
<b>Surgery during stay, n (%)</b>	8676 (32.0)	7301 (33.2)	1375 (27.1)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.50 [46.00, 81.00]	60.00 [41.00, 78.00]	<0.001
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.00 [70.00, 114.00]	90.00 [71.00, 120.00]	<0.001
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	0.039
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.10 [3.80, 4.40]	0.006
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	21.00 [14.00, 36.00]	19.00 [13.00, 33.00]	<0.001
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	25.00 [20.00, 34.00]	0.003
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	11.30 [2.40, 55.27]	15.00 [3.60, 57.50]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	6643 (30.2)	1241 (24.4)	
5-10	2680 (9.9)	2142 (9.7)	538 (10.6)	
10-50	6070 (22.4)	4771 (21.7)	1299 (25.6)	
>50	6116 (22.6)	4939 (22.4)	1177 (23.2)	
Missing	4342 (16.0)	3518 (16.0)	824 (16.2)	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.55 [36.23, 36.90]	36.60 [36.30, 36.95]	<0.001
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.40 (19.88)	133.07 (19.28)	<0.001
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	72.11 (11.79)	71.01 (11.13)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.09 (5.16)	26.12 (5.64)	0.818
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	6.97 (3.61)	9.87 (3.83)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.36 (0.64)	4.89 (2.79)	<0.001

Supplementary Table S2: Table 1's binary approach				
	Overall	AIS Low <3	AIS High ≥3	p-value
<b>n</b>	27092	19343	7749	
<b>Died, n (%)</b>	913 (3.4)	507 (2.6)	406 (5.2)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	7.00 [5.00, 11.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.75 (7.64)	78.89 (7.74)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	8146 (42.1)	2786 (36.0)	
76-85 years	11012 (40.6)	7777 (40.2)	3235 (41.7)	
86-95 years	4958 (18.3)	3298 (17.1)	1660 (21.4)	
>95 years	190 (0.7)	122 (0.6)	68 (0.9)	
<b>Female sex, n (%)</b>	14014 (51.7)	9763 (50.5)	4251 (54.9)	<0.001
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	10219 (52.8)	4900 (63.2)	<0.001
Surgical departement	11973 (44.2)	9124 (47.2)	2849 (36.8)	
<b>Hearing device, n (%)</b>				<0.001
None	15674 (57.9)	10985 (56.8)	4689 (60.5)	
Hearing device	2976 (11.0)	2078 (10.7)	898 (11.6)	
Missing	8442 (31.2)	6280 (32.5)	2162 (27.9)	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	3354 (17.3)	1602 (20.7)	
Glasses or contacts	13630 (50.3)	9652 (49.9)	3978 (51.3)	
Missing	8506 (31.4)	6337 (32.8)	2169 (28.0)	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1063 (5.5)	379 (4.9)	0.048
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	3073 (15.9)	1678 (21.7)	<0.001
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	2503 (12.9)	1188 (15.3)	<0.001
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	2617 (13.5)	845 (10.9)	<0.001
<b>Dementia, n (%)</b>	2595 (9.6)	1494 (7.7)	1101 (14.2)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	1587 (8.2)	1454 (18.8)	<0.001
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	460 (2.4)	338 (4.4)	<0.001
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	379 (2.0)	163 (2.1)	0.473
<b>Liverdisease, n (%)</b>	541 (2.0)	406 (2.1)	135 (1.7)	0.064
<b>Diabetes, n (%)</b>	5692 (21.0)	3929 (20.3)	1763 (22.8)	<0.001
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	890 (4.6)	342 (4.4)	0.524
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	4096 (21.2)	2080 (26.8)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	3274 (16.9)	1351 (17.4)	0.323
<b>Delirium, n (%)</b>	1695 (6.3)	950 (4.9)	745 (9.6)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [36.00, 40.00]	36.00 [31.00, 40.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	23.00 [21.00, 23.00]	21.00 [18.00, 23.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 1.00]	1.00 [1.00, 2.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	5675 (29.3)	2198 (28.4)	0.114
<b>Surgery during stay, n (%)</b>	8676 (32.0)	6827 (35.3)	1849 (23.9)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.00 [45.50, 80.50]	62.50 [44.00, 80.00]	0.014
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.00 [70.50, 115.00]	87.00 [69.00, 117.00]	0.217
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.50, 140.00]	138.00 [135.00, 140.00]	<0.001
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.05 [3.75, 4.40]	0.921
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	21.00 [14.00, 36.00]	20.00 [13.00, 34.00]	0.014
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	0.201
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	9.60 [2.00, 48.00]	21.00 [4.40, 72.00]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	6117 (31.6)	1767 (22.8)	
5-10	2680 (9.9)	1907 (9.9)	773 (10.0)	
10-50	6070 (22.4)	4055 (21.0)	2015 (26.0)	
>50	6116 (22.6)	3852 (19.9)	2264 (29.2)	
Missing	4342 (16.0)	3412 (17.6)	930 (12.0)	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.50 [36.20, 36.90]	36.60 [36.30, 37.00]	<0.001
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.79 (19.88)	132.61 (19.43)	<0.001
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	72.49 (11.90)	70.51 (11.00)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.15 (5.07)	25.98 (5.69)	0.059
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	6.40 (3.29)	10.11 (3.72)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.57 (0.76)	6.09 (3.58)	<0.001

Supplementary Table S2: Table 1's binary approach				
	Overall	CABS Low <3	CABS High ≥3	p-value
<b>n</b>	27092	24820	2272	
<b>Died, n (%)</b>	913 (3.4)	770 (3.1)	143 (6.3)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	8.00 [5.00, 12.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.89 (7.65)	80.13 (7.81)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	10260 (41.3)	672 (29.6)	
76-85 years	11012 (40.6)	10031 (40.4)	981 (43.2)	
86-95 years	4958 (18.3)	4362 (17.6)	596 (26.2)	
>95 years	190 (0.7)	167 (0.7)	23 (1.0)	
<b>Female sex, n (%)</b>	14014 (51.7)	12850 (51.8)	1164 (51.2)	0.637
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	13069 (52.7)	2050 (90.2)	<0.001
Surgical departement	11973 (44.2)	11751 (47.3)	222 (9.8)	
<b>Hearing device, n (%)</b>				0.008
None	15674 (57.9)	14393 (58.0)	1281 (56.4)	
Hearing device	2976 (11.0)	2682 (10.8)	294 (12.9)	
Missing	8442 (31.2)	7745 (31.2)	697 (30.7)	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	4470 (18.0)	486 (21.4)	
Glasses or contacts	13630 (50.3)	12548 (50.6)	1082 (47.6)	
Missing	8506 (31.4)	7802 (31.4)	704 (31.0)	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1310 (5.3)	132 (5.8)	0.302
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	3631 (14.6)	1120 (49.3)	<0.001
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	3325 (13.4)	366 (16.1)	<0.001
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	3245 (13.1)	217 (9.6)	<0.001
<b>Dementia, n (%)</b>	2595 (9.6)	2357 (9.5)	238 (10.5)	0.139
<b>COPD, n (%)</b>	3041 (11.2)	2180 (8.8)	861 (37.9)	<0.001
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	723 (2.9)	75 (3.3)	0.326
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	504 (2.0)	38 (1.7)	0.276
<b>Liverdisease, n (%)</b>	541 (2.0)	496 (2.0)	45 (2.0)	1
<b>Diabetes, n (%)</b>	5692 (21.0)	5092 (20.5)	600 (26.4)	<0.001
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	1138 (4.6)	94 (4.1)	0.354
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	5305 (21.4)	871 (38.3)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	4384 (17.7)	241 (10.6)	<0.001
<b>Delirium, n (%)</b>	1695 (6.3)	1535 (6.2)	160 (7.0)	0.116
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [35.00, 40.00]	35.00 [30.00, 39.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	22.00 [20.00, 23.00]	21.00 [18.00, 23.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	7160 (28.8)	713 (31.4)	0.012
<b>Surgery during stay, n (%)</b>	8676 (32.0)	8525 (34.3)	151 (6.6)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.00 [46.00, 81.00]	57.00 [39.00, 76.00]	<0.001
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	86.50 [70.00, 114.00]	95.25 [73.50, 127.00]	<0.001
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	138.00 [135.00, 140.50]	0.015
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.10 [3.75, 4.40]	0.079
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.00 [14.00, 35.00]	21.00 [13.00, 35.00]	0.772
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	26.00 [20.88, 36.00]	0.002
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	11.00 [2.30, 52.50]	30.00 [8.11, 81.00]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	7510 (30.3)	374 (16.5)	
5-10	2680 (9.9)	2439 (9.8)	241 (10.6)	
10-50	6070 (22.4)	5313 (21.4)	757 (33.3)	
>50	6116 (22.6)	5302 (21.4)	814 (35.8)	
Missing	4342 (16.0)	4256 (17.1)	86 (3.8)	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.55 [36.20, 36.90]	36.70 [36.33, 37.10]	<0.001
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.52 (19.80)	130.14 (18.93)	<0.001
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	72.04 (11.72)	70.34 (11.01)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.07 (5.16)	26.42 (6.14)	0.013
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	7.27 (3.71)	10.52 (3.86)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.11 (0.46)	5.48 (2.09)	<0.001

Supplementary Table S2: Table 1's binary approach				
	Overall	Chew Low <3	Chew High ≥3	p-value
<b>n</b>	27092	24534	2558	
<b>Died, n (%)</b>	913 (3.4)	768 (3.1)	145 (5.7)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	8.00 [5.00, 13.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.93 (7.67)	79.49 (7.66)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	10110 (41.2)	822 (32.1)	
76-85 years	11012 (40.6)	9898 (40.3)	1114 (43.5)	
86-95 years	4958 (18.3)	4356 (17.8)	602 (23.5)	
>95 years	190 (0.7)	170 (0.7)	20 (0.8)	
<b>Female sex, n (%)</b>	14014 (51.7)	12590 (51.3)	1424 (55.7)	<0.001
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	13418 (54.7)	1701 (66.5)	<0.001
Surgical departement	11973 (44.2)	11116 (45.3)	857 (33.5)	
<b>Hearing device, n (%)</b>				0.002
None	15674 (57.9)	14127 (57.6)	1547 (60.5)	
Hearing device	2976 (11.0)	2682 (10.9)	294 (11.5)	
Missing	8442 (31.2)	7725 (31.5)	717 (28.0)	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	4435 (18.1)	521 (20.4)	
Glasses or contacts	13630 (50.3)	12319 (50.2)	1311 (51.3)	
Missing	8506 (31.4)	7780 (31.7)	726 (28.4)	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1324 (5.4)	118 (4.6)	0.102
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	3998 (16.3)	753 (29.4)	<0.001
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	3226 (13.1)	465 (18.2)	<0.001
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	3136 (12.8)	326 (12.7)	0.981
<b>Dementia, n (%)</b>	2595 (9.6)	2095 (8.5)	500 (19.5)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	2696 (11.0)	345 (13.5)	<0.001
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	668 (2.7)	130 (5.1)	<0.001
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	486 (2.0)	56 (2.2)	0.521
<b>Liverdisease, n (%)</b>	541 (2.0)	495 (2.0)	46 (1.8)	0.496
<b>Diabetes, n (%)</b>	5692 (21.0)	4830 (19.7)	862 (33.7)	<0.001
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	1097 (4.5)	135 (5.3)	0.07
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	5411 (22.1)	765 (29.9)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	4267 (17.4)	358 (14.0)	<0.001
<b>Delirium, n (%)</b>	1695 (6.3)	1332 (5.4)	363 (14.2)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [35.00, 40.00]	35.00 [30.00, 39.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	22.00 [20.00, 23.00]	20.00 [18.00, 22.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	7129 (29.1)	744 (29.1)	0.995
<b>Surgery during stay, n (%)</b>	8676 (32.0)	8158 (33.3)	518 (20.3)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.00 [45.00, 80.50]	61.00 [43.00, 79.00]	0.002
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.00 [70.00, 115.00]	88.00 [69.50, 118.00]	0.82
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	0.444
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.10 [3.80, 4.40]	0.037
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.00 [14.00, 35.00]	19.00 [13.00, 35.00]	0.005
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	25.00 [19.00, 34.00]	0.001
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	11.20 [2.40, 54.00]	20.45 [5.00, 69.50]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	7338 (29.9)	546 (21.3)	
5-10	2680 (9.9)	2407 (9.8)	273 (10.7)	
10-50	6070 (22.4)	5345 (21.8)	725 (28.3)	
>50	6116 (22.6)	5384 (21.9)	732 (28.6)	
Missing	4342 (16.0)	4060 (16.5)	282 (11.0)	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.55 [36.23, 36.90]	36.60 [36.30, 36.95]	<0.001
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.26 (19.82)	133.00 (19.22)	0.002
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	72.00 (11.75)	70.87 (10.90)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.05 (5.13)	26.56 (6.30)	<0.001
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	7.19 (3.65)	10.91 (3.79)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.35 (0.66)	4.08 (1.39)	<0.001

Supplementary Table S2: Table 1's binary approach				
	Overall	AAS Low <3	AAS High ≥3	p-value
<b>n</b>	27092	24381	2711	
<b>Died, n (%)</b>	913 (3.4)	748 (3.1)	165 (6.1)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	8.00 [5.00, 12.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.88 (7.65)	79.88 (7.75)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	10097 (41.4)	835 (30.8)	
76-85 years	11012 (40.6)	9837 (40.3)	1175 (43.3)	
86-95 years	4958 (18.3)	4289 (17.6)	669 (24.7)	
>95 years	190 (0.7)	158 (0.6)	32 (1.2)	
<b>Female sex, n (%)</b>	14014 (51.7)	12633 (51.8)	1381 (50.9)	0.399
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	12844 (52.7)	2275 (83.9)	<0.001
Surgical departement	11973 (44.2)	11537 (47.3)	436 (16.1)	
<b>Hearing device, n (%)</b>				0.067
None	15674 (57.9)	14157 (58.1)	1517 (56.0)	
Hearing device	2976 (11.0)	2651 (10.9)	325 (12.0)	
Missing	8442 (31.2)	7573 (31.1)	869 (32.1)	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	4365 (17.9)	591 (21.8)	
Glasses or contacts	13630 (50.3)	12385 (50.8)	1245 (45.9)	
Missing	8506 (31.4)	7631 (31.3)	875 (32.3)	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1293 (5.3)	149 (5.5)	0.705
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	3738 (15.3)	1013 (37.4)	<0.001
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	3265 (13.4)	426 (15.7)	0.001
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	3157 (12.9)	305 (11.3)	0.013
<b>Dementia, n (%)</b>	2595 (9.6)	2176 (8.9)	419 (15.5)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	2039 (8.4)	1002 (37.0)	<0.001
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	699 (2.9)	99 (3.7)	0.026
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	497 (2.0)	45 (1.7)	0.207
<b>Liverdisease, n (%)</b>	541 (2.0)	491 (2.0)	50 (1.8)	0.599
<b>Diabetes, n (%)</b>	5692 (21.0)	5015 (20.6)	677 (25.0)	<0.001
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	1114 (4.6)	118 (4.4)	0.642
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	5264 (21.6)	912 (33.6)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	4303 (17.6)	322 (11.9)	<0.001
<b>Delirium, n (%)</b>	1695 (6.3)	1394 (5.7)	301 (11.1)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [35.00, 40.00]	35.00 [30.00, 39.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	22.00 [20.00, 23.00]	21.00 [18.00, 23.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	7083 (29.1)	790 (29.1)	0.94
<b>Surgery during stay, n (%)</b>	8676 (32.0)	8400 (34.5)	276 (10.2)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.00 [45.50, 80.50]	60.00 [41.00, 78.00]	<0.001
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.00 [70.00, 115.00]	91.00 [72.00, 123.50]	<0.001
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	0.198
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.10 [3.75, 4.40]	0.252
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.00 [14.00, 35.00]	20.00 [13.00, 36.00]	0.789
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	26.00 [20.00, 36.00]	0.044
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	10.35 [2.20, 50.60]	36.00 [9.00, 93.00]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	7457 (30.6)	427 (15.8)	
5-10	2680 (9.9)	2433 (10.0)	247 (9.1)	
10-50	6070 (22.4)	5247 (21.5)	823 (30.4)	
>50	6116 (22.6)	5076 (20.8)	1040 (38.4)	
Missing	4342 (16.0)	4168 (17.1)	174 (6.4)	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.55 [36.20, 36.90]	36.70 [36.37, 37.12]	<0.001
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.60 (19.83)	130.18 (18.74)	<0.001
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	72.13 (11.74)	69.83 (10.92)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.08 (5.13)	26.28 (6.25)	0.13
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	7.22 (3.68)	10.38 (3.95)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.14 (0.43)	6.16 (3.24)	<0.001

Supplementary Table S2: Table 1's binary approach				
	Overall	ARS Low <3	ARS High ≥3	p-value
<b>n</b>	27092	25821	1271	
<b>Died, n (%)</b>	913 (3.4)	816 (3.2)	97 (7.6)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	7.00 [5.00, 12.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.99 (7.68)	79.82 (7.61)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	10549 (40.9)	383 (30.1)	
76-85 years	11012 (40.6)	10435 (40.4)	577 (45.4)	
86-95 years	4958 (18.3)	4663 (18.1)	295 (23.2)	
>95 years	190 (0.7)	174 (0.7)	16 (1.3)	
<b>Female sex, n (%)</b>	14014 (51.7)	13312 (51.6)	702 (55.2)	0.011
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	14249 (55.2)	870 (68.5)	<0.001
Surgical departement	11973 (44.2)	11572 (44.8)	401 (31.5)	
<b>Hearing device, n (%)</b>				0.922
None	15674 (57.9)	14932 (57.8)	742 (58.4)	
Hearing device	2976 (11.0)	2837 (11.0)	139 (10.9)	
<i>Missing</i>	<i>8442 (31.2)</i>	<i>8052 (31.2)</i>	<i>390 (30.7)</i>	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	4659 (18.0)	297 (23.4)	
Glasses or contacts	13630 (50.3)	13044 (50.5)	586 (46.1)	
<i>Missing</i>	<i>8506 (31.4)</i>	<i>8118 (31.4)</i>	<i>388 (30.5)</i>	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1397 (5.4)	45 (3.5)	0.005
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	4521 (17.5)	230 (18.1)	0.617
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	3521 (13.6)	170 (13.4)	0.824
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	3285 (12.7)	177 (13.9)	0.226
<b>Dementia, n (%)</b>	2595 (9.6)	2211 (8.6)	384 (30.2)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	2912 (11.3)	129 (10.1)	0.231
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	768 (3.0)	30 (2.4)	0.238
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	514 (2.0)	28 (2.2)	0.671
<b>Liverdisease, n (%)</b>	541 (2.0)	522 (2.0)	19 (1.5)	0.227
<b>Diabetes, n (%)</b>	5692 (21.0)	5426 (21.0)	266 (20.9)	0.97
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	1140 (4.4)	92 (7.2)	<0.001
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	5841 (22.6)	335 (26.4)	0.002
<b>Cancer, n (%)</b>	4625 (17.1)	4387 (17.0)	238 (18.7)	0.117
<b>Delirium, n (%)</b>	1695 (6.3)	1405 (5.4)	290 (22.8)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [35.00, 40.00]	33.00 [25.00, 39.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	22.00 [20.00, 23.00]	19.00 [17.00, 22.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	1.00 [1.00, 3.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	7461 (28.9)	412 (32.4)	0.008
<b>Surgery during stay, n (%)</b>	8676 (32.0)	8441 (32.7)	235 (18.5)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.00 [45.00, 80.00]	63.00 [44.00, 80.50]	0.808
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.00 [70.00, 115.50]	85.50 [67.00, 115.00]	0.061
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	0.849
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.05 [3.70, 4.39]	0.486
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.00 [14.00, 36.00]	18.00 [12.00, 30.88]	<0.001
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	25.00 [20.00, 34.00]	0.07
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	12.00 [2.60, 55.50]	18.00 [4.00, 65.19]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	7580 (29.4)	304 (23.9)	
5-10	2680 (9.9)	2561 (9.9)	119 (9.4)	
10-50	6070 (22.4)	5747 (22.3)	323 (25.4)	
>50	6116 (22.6)	5790 (22.4)	326 (25.6)	
<i>Missing</i>	<i>4342 (16.0)</i>	<i>4143 (16.0)</i>	<i>199 (15.7)</i>	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.55 [36.23, 36.90]	36.60 [36.30, 37.00]	<0.001
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.29 (19.75)	131.24 (19.91)	<0.001
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	71.98 (11.68)	70.20 (11.41)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.14 (5.24)	25.15 (5.44)	<0.001
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	7.41 (3.78)	10.53 (3.81)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.19 (0.48)	4.24 (1.84)	<0.001



Supplementary Table S2: Table 1's binary approach				
	Overall	ACL Low <3	ACL High ≥3	p-value
<b>n</b>	27092	24979	2113	
<b>Died, n (%)</b>	913 (3.4)	794 (3.2)	119 (5.6)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	8.00 [5.00, 12.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	78.02 (7.68)	78.71 (7.70)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	10177 (40.7)	755 (35.7)	
76-85 years	11012 (40.6)	10106 (40.5)	906 (42.9)	
86-95 years	4958 (18.3)	4522 (18.1)	436 (20.6)	
>95 years	190 (0.7)	174 (0.7)	16 (0.8)	
<b>Female sex, n (%)</b>	14014 (51.7)	12691 (50.8)	1323 (62.6)	<0.001
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	13897 (55.6)	1222 (57.8)	0.054
Surgical departement	11973 (44.2)	11082 (44.4)	891 (42.2)	
<b>Hearing device, n (%)</b>				<0.001
None	15674 (57.9)	14360 (57.5)	1314 (62.2)	
Hearing device	2976 (11.0)	2733 (10.9)	243 (11.5)	
Missing	8442 (31.2)	7886 (31.6)	556 (26.3)	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	4526 (18.1)	430 (20.4)	
Glasses or contacts	13630 (50.3)	12512 (50.1)	1118 (52.9)	
Missing	8506 (31.4)	7941 (31.8)	565 (26.7)	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1351 (5.4)	91 (4.3)	0.034
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	4385 (17.6)	366 (17.3)	0.809
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	3365 (13.5)	326 (15.4)	0.013
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	3242 (13.0)	220 (10.4)	0.001
<b>Dementia, n (%)</b>	2595 (9.6)	2270 (9.1)	325 (15.4)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	2783 (11.1)	258 (12.2)	0.145
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	694 (2.8)	104 (4.9)	<0.001
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	498 (2.0)	44 (2.1)	0.843
<b>Liverdisease, n (%)</b>	541 (2.0)	508 (2.0)	33 (1.6)	0.159
<b>Diabetes, n (%)</b>	5692 (21.0)	5064 (20.3)	628 (29.7)	<0.001
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	1128 (4.5)	104 (4.9)	0.42
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	5693 (22.8)	483 (22.9)	0.965
<b>Cancer, n (%)</b>	4625 (17.1)	4194 (16.8)	431 (20.4)	<0.001
<b>Delirium, n (%)</b>	1695 (6.3)	1459 (5.8)	236 (11.2)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [35.00, 40.00]	35.00 [30.00, 39.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	22.00 [20.00, 23.00]	20.00 [18.00, 22.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	1.00 [1.00, 3.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	7379 (29.5)	494 (23.4)	<0.001
<b>Surgery during stay, n (%)</b>	8676 (32.0)	8191 (32.8)	485 (23.0)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	63.50 [45.00, 80.00]	65.00 [47.00, 81.50]	<0.001
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.50 [70.50, 116.00]	82.50 [65.00, 108.25]	<0.001
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	137.00 [134.00, 140.00]	<0.001
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.05 [3.70, 4.35]	0.333
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.00 [14.00, 36.00]	19.00 [12.00, 32.75]	0.011
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	25.00 [20.00, 34.00]	0.046
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	12.00 [2.50, 55.50]	15.75 [3.64, 59.02]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	7321 (29.3)	563 (26.6)	
5-10	2680 (9.9)	2442 (9.8)	238 (11.3)	
10-50	6070 (22.4)	5487 (22.0)	583 (27.6)	
>50	6116 (22.6)	5564 (22.3)	552 (26.1)	
Missing	4342 (16.0)	4165 (16.7)	177 (8.4)	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.55 [36.23, 36.90]	36.60 [36.30, 36.90]	0.003
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.04 (19.78)	135.15 (19.64)	0.014
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	71.95 (11.73)	71.27 (11.02)	0.01
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.10 (5.18)	26.02 (6.11)	0.571
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	7.24 (3.67)	11.13 (3.81)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.31 (0.62)	4.42 (1.85)	<0.001

Supplementary Table S2: Table 1's binary approach				
	Overall	CrAS Low <3	CrAS High ≥3	p-value
<b>n</b>	27092	23319	3773	
<b>Died, n (%)</b>	913 (3.4)	675 (2.9)	238 (6.3)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	7.00 [5.00, 12.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.89 (7.64)	79.22 (7.88)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	9636 (41.3)	1296 (34.3)	
76-85 years	11012 (40.6)	9450 (40.5)	1562 (41.4)	
86-95 years	4958 (18.3)	4076 (17.5)	882 (23.4)	
>95 years	190 (0.7)	157 (0.7)	33 (0.9)	
<b>Female sex, n (%)</b>	14014 (51.7)	11814 (50.7)	2200 (58.3)	<0.001
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	13037 (55.9)	2082 (55.2)	0.415
Surgical departement	11973 (44.2)	10282 (44.1)	1691 (44.8)	
<b>Hearing device, n (%)</b>				<0.001
None	15674 (57.9)	13371 (57.3)	2303 (61.0)	
Hearing device	2976 (11.0)	2558 (11.0)	418 (11.1)	
<i>Missing</i>	<i>8442 (31.2)</i>	<i>7390 (31.7)</i>	<i>1052 (27.9)</i>	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	4158 (17.8)	798 (21.2)	
Glasses or contacts	13630 (50.3)	11717 (50.2)	1913 (50.7)	
<i>Missing</i>	<i>8506 (31.4)</i>	<i>7444 (31.9)</i>	<i>1062 (28.1)</i>	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1277 (5.5)	165 (4.4)	0.006
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	4044 (17.3)	707 (18.7)	0.039
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	3154 (13.5)	537 (14.2)	0.25
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	3034 (13.0)	428 (11.3)	0.005
<b>Dementia, n (%)</b>	2595 (9.6)	1843 (7.9)	752 (19.9)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	2616 (11.2)	425 (11.3)	0.956
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	656 (2.8)	142 (3.8)	0.002
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	466 (2.0)	76 (2.0)	0.998
<b>Liverdisease, n (%)</b>	541 (2.0)	479 (2.1)	62 (1.6)	0.107
<b>Diabetes, n (%)</b>	5692 (21.0)	4872 (20.9)	820 (21.7)	0.248
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	1043 (4.5)	189 (5.0)	0.154
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	5282 (22.7)	894 (23.7)	0.162
<b>Cancer, n (%)</b>	4625 (17.1)	3990 (17.1)	635 (16.8)	0.688
<b>Delirium, n (%)</b>	1695 (6.3)	1154 (4.9)	541 (14.3)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [35.00, 40.00]	36.00 [30.00, 39.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	22.00 [20.00, 23.00]	21.00 [18.00, 23.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	6727 (28.8)	1146 (30.4)	0.058
<b>Surgery during stay, n (%)</b>	8676 (32.0)	7540 (32.3)	1136 (30.1)	0.007
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.00 [45.00, 80.00]	64.00 [45.00, 81.00]	0.059
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.50 [71.00, 116.00]	84.00 [66.50, 113.00]	<0.001
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	0.001
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.10 [3.80, 4.40]	0.205
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.00 [14.00, 35.00]	20.00 [13.00, 36.00]	0.178
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	25.00 [20.00, 34.00]	0.186
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	11.10 [2.40, 54.90]	18.00 [4.00, 61.00]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	7028 (30.1)	856 (22.7)	
5-10	2680 (9.9)	2296 (9.8)	384 (10.2)	
10-50	6070 (22.4)	5085 (21.8)	985 (26.1)	
>50	6116 (22.6)	5194 (22.3)	922 (24.4)	
<i>Missing</i>	<i>4342 (16.0)</i>	<i>3716 (15.9)</i>	<i>626 (16.6)</i>	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.55 [36.23, 36.90]	36.60 [36.30, 36.90]	<0.001
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.27 (19.79)	133.37 (19.59)	0.011
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	72.08 (11.75)	70.79 (11.13)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.15 (5.19)	25.74 (5.65)	<0.001
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	7.08 (3.63)	10.30 (3.80)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.42 (0.71)	5.03 (2.58)	<0.001

Supplementary Table S2: Table 1's binary approach				
	Overall	ADS Low <3	ADS High ≥3	p-value
<b>n</b>	27092	23919	3173	
<b>Died, n (%)</b>	913 (3.4)	691 (2.9)	222 (7.0)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	8.00 [5.00, 12.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	78.09 (7.69)	77.98 (7.69)	0.443
<b>Age, n (%)</b>				0.694
65-75 years	10932 (40.4)	9633 (40.3)	1299 (40.9)	
76-85 years	11012 (40.6)	9738 (40.7)	1274 (40.2)	
86-95 years	4958 (18.3)	4376 (18.3)	582 (18.3)	
>95 years	190 (0.7)	172 (0.7)	18 (0.6)	
<b>Female sex, n (%)</b>	14014 (51.7)	12152 (50.8)	1862 (58.7)	<0.001
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	13263 (55.4)	1856 (58.5)	0.001
Surgical departement	11973 (44.2)	10656 (44.6)	1317 (41.5)	
<b>Hearing device, n (%)</b>				<0.001
None	15674 (57.9)	13665 (57.1)	2009 (63.3)	
Hearing device	2976 (11.0)	2622 (11.0)	354 (11.2)	
Missing	8442 (31.2)	7632 (31.9)	810 (25.5)	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	4315 (18.0)	641 (20.2)	
Glasses or contacts	13630 (50.3)	11916 (49.8)	1714 (54.0)	
Missing	8506 (31.4)	7688 (32.1)	818 (25.8)	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1317 (5.5)	125 (3.9)	<0.001
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	3986 (16.7)	765 (24.1)	<0.001
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	3177 (13.3)	514 (16.2)	<0.001
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	3157 (13.2)	305 (9.6)	<0.001
<b>Dementia, n (%)</b>	2595 (9.6)	2286 (9.6)	309 (9.7)	0.769
<b>COPD, n (%)</b>	3041 (11.2)	2472 (10.3)	569 (17.9)	<0.001
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	620 (2.6)	178 (5.6)	<0.001
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	482 (2.0)	60 (1.9)	0.688
<b>Liverdisease, n (%)</b>	541 (2.0)	463 (1.9)	78 (2.5)	0.056
<b>Diabetes, n (%)</b>	5692 (21.0)	4979 (20.8)	713 (22.5)	0.033
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	1097 (4.6)	135 (4.3)	0.425
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	5323 (22.3)	853 (26.9)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	4007 (16.8)	618 (19.5)	<0.001
<b>Delirium, n (%)</b>	1695 (6.3)	1461 (6.1)	234 (7.4)	0.006
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [35.00, 40.00]	36.00 [31.25, 40.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	22.00 [20.00, 23.00]	21.00 [18.00, 23.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	6946 (29.0)	927 (29.2)	0.854
<b>Surgery during stay, n (%)</b>	8676 (32.0)	7812 (32.7)	864 (27.2)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.00 [45.00, 80.00]	63.00 [44.00, 81.50]	0.596
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.00 [70.00, 115.50]	86.00 [68.00, 116.00]	0.005
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	0.009
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.05 [3.75, 4.40]	0.819
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.00 [14.00, 35.00]	20.00 [13.75, 35.00]	0.712
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	0.978
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	11.10 [2.40, 53.50]	19.80 [4.60, 69.00]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	7188 (30.1)	696 (21.9)	
5-10	2680 (9.9)	2335 (9.8)	345 (10.9)	
10-50	6070 (22.4)	5243 (21.9)	827 (26.1)	
>50	6116 (22.6)	5229 (21.9)	887 (28.0)	
Missing	4342 (16.0)	3924 (16.4)	418 (13.2)	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.55 [36.23, 36.90]	36.60 [36.30, 36.92]	<0.001
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.30 (19.77)	132.97 (19.67)	<0.001
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	72.04 (11.77)	70.85 (10.94)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.09 (5.17)	26.14 (5.85)	0.684
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	7.11 (3.62)	10.70 (3.83)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.43 (0.68)	4.24 (1.87)	<0.001

Supplementary Table S2: Table 1's binary approach				
	Overall	SCDL Low <3	SCDL High ≥3	p-value
<b>n</b>	27092	23790	3302	
<b>Died, n (%)</b>	913 (3.4)	677 (2.8)	236 (7.1)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	7.00 [4.00, 11.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	78.18 (7.67)	77.33 (7.77)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	9473 (39.8)	1459 (44.2)	
76-85 years	11012 (40.6)	9725 (40.9)	1287 (39.0)	
86-95 years	4958 (18.3)	4427 (18.6)	531 (16.1)	
>95 years	190 (0.7)	165 (0.7)	25 (0.8)	
<b>Female sex, n (%)</b>	14014 (51.7)	12150 (51.1)	1864 (56.5)	<0.001
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	13588 (57.1)	1531 (46.4)	<0.001
Surgical departement	11973 (44.2)	10202 (42.9)	1771 (53.6)	
<b>Hearing device, n (%)</b>				<0.001
None	15674 (57.9)	13573 (57.1)	2101 (63.6)	
Hearing device	2976 (11.0)	2621 (11.0)	355 (10.8)	
Missing	8442 (31.2)	7596 (31.9)	846 (25.6)	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	4279 (18.0)	677 (20.5)	
Glasses or contacts	13630 (50.3)	11856 (49.8)	1774 (53.7)	
Missing	8506 (31.4)	7655 (32.2)	851 (25.8)	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1289 (5.4)	153 (4.6)	0.066
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	4256 (17.9)	495 (15.0)	<0.001
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	3203 (13.5)	488 (14.8)	0.042
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	3178 (13.4)	284 (8.6)	<0.001
<b>Dementia, n (%)</b>	2595 (9.6)	2351 (9.9)	244 (7.4)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	2551 (10.7)	490 (14.8)	<0.001
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	592 (2.5)	206 (6.2)	<0.001
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	494 (2.1)	48 (1.5)	0.02
<b>Liverdisease, n (%)</b>	541 (2.0)	504 (2.1)	37 (1.1)	<0.001
<b>Diabetes, n (%)</b>	5692 (21.0)	5002 (21.0)	690 (20.9)	0.882
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	1115 (4.7)	117 (3.5)	0.004
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	5546 (23.3)	630 (19.1)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	3987 (16.8)	638 (19.3)	<0.001
<b>Delirium, n (%)</b>	1695 (6.3)	1553 (6.5)	142 (4.3)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [34.00, 40.00]	38.00 [33.00, 40.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	22.00 [20.00, 23.00]	22.00 [19.00, 23.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	0.157
<b>Catheterisation, n (%)</b>	7873 (29.1)	6833 (28.7)	1040 (31.5)	0.001
<b>Surgery during stay, n (%)</b>	8676 (32.0)	7323 (30.8)	1353 (41.0)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	63.00 [44.67, 80.00]	67.00 [48.00, 84.00]	<0.001
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	88.00 [71.00, 116.00]	82.00 [66.00, 109.00]	<0.001
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	0.014
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.10 [3.80, 4.40]	0.215
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.00 [14.00, 35.50]	20.00 [14.00, 34.00]	0.461
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	25.00 [20.00, 34.38]	0.118
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	11.40 [2.50, 54.00]	18.50 [4.00, 68.50]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	7183 (30.2)	701 (21.2)	
5-10	2680 (9.9)	2388 (10.0)	292 (8.8)	
10-50	6070 (22.4)	5305 (22.3)	765 (23.2)	
>50	6116 (22.6)	5299 (22.3)	817 (24.7)	
Missing	4342 (16.0)	3615 (15.2)	727 (22.0)	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.55 [36.23, 36.90]	36.58 [36.25, 36.90]	0.654
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.35 (19.82)	132.67 (19.32)	<0.001
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	72.07 (11.80)	70.69 (10.70)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.12 (5.26)	25.93 (5.22)	0.117
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	7.22 (3.71)	9.81 (3.89)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.53 (0.88)	6.23 (4.47)	<0.001

Supplementary Table S2: Table 1's binary approach				
	Overall	PI Low <3	PI High ≥3	p-value
<b>n</b>	27092	24955	2137	
<b>Died, n (%)</b>	913 (3.4)	791 (3.2)	122 (5.7)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	7.00 [5.00, 12.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.79 (7.64)	81.40 (7.49)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	10425 (41.8)	507 (23.7)	
76-85 years	11012 (40.6)	10066 (40.3)	946 (44.3)	
86-95 years	4958 (18.3)	4303 (17.2)	655 (30.7)	
>95 years	190 (0.7)	161 (0.6)	29 (1.4)	
<b>Female sex, n (%)</b>	14014 (51.7)	12870 (51.6)	1144 (53.5)	0.086
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	13667 (54.8)	1452 (67.9)	<0.001
Surgical departement	11973 (44.2)	11288 (45.2)	685 (32.1)	
<b>Hearing device, n (%)</b>				0.002
None	15674 (57.9)	14476 (58.0)	1198 (56.1)	
Hearing device	2976 (11.0)	2693 (10.8)	283 (13.2)	
<i>Missing</i>	<i>8442 (31.2)</i>	<i>7786 (31.2)</i>	<i>656 (30.7)</i>	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	4462 (17.9)	494 (23.1)	
Glasses or contacts	13630 (50.3)	12642 (50.7)	988 (46.2)	
<i>Missing</i>	<i>8506 (31.4)</i>	<i>7851 (31.5)</i>	<i>655 (30.7)</i>	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1349 (5.4)	93 (4.4)	0.042
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	4243 (17.0)	508 (23.8)	<0.001
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	3383 (13.6)	308 (14.4)	0.283
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	3149 (12.6)	313 (14.6)	0.008
<b>Dementia, n (%)</b>	2595 (9.6)	1804 (7.2)	791 (37.0)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	2810 (11.3)	231 (10.8)	0.55
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	746 (3.0)	52 (2.4)	0.164
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	496 (2.0)	46 (2.2)	0.658
<b>Liverdisease, n (%)</b>	541 (2.0)	508 (2.0)	33 (1.5)	0.139
<b>Diabetes, n (%)</b>	5692 (21.0)	5183 (20.8)	509 (23.8)	0.001
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	1114 (4.5)	118 (5.5)	0.028
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	5515 (22.1)	661 (30.9)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	4362 (17.5)	263 (12.3)	<0.001
<b>Delirium, n (%)</b>	1695 (6.3)	1185 (4.7)	510 (23.9)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [35.00, 40.00]	34.00 [26.25, 39.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	22.00 [20.00, 23.00]	20.00 [17.00, 22.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	7106 (28.5)	767 (35.9)	<0.001
<b>Surgery during stay, n (%)</b>	8676 (32.0)	8174 (32.8)	502 (23.5)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.00 [45.00, 81.00]	59.00 [41.00, 77.00]	<0.001
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.00 [70.00, 115.00]	91.00 [71.50, 120.00]	0.001
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	138.50 [136.00, 140.67]	<0.001
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.10 [3.75, 4.40]	0.228
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.00 [14.00, 35.50]	19.00 [12.00, 33.00]	0.004
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	25.00 [20.00, 34.00]	0.034
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	11.90 [2.50, 55.15]	17.00 [3.90, 61.30]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	7377 (29.6)	507 (23.7)	
5-10	2680 (9.9)	2469 (9.9)	211 (9.9)	
10-50	6070 (22.4)	5535 (22.2)	535 (25.0)	
>50	6116 (22.6)	5604 (22.5)	512 (24.0)	
<i>Missing</i>	<i>4342 (16.0)</i>	<i>3970 (15.9)</i>	<i>372 (17.4)</i>	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.55 [36.23, 36.90]	36.60 [36.30, 37.00]	<0.001
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.32 (19.79)	132.14 (19.35)	<0.001
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	72.04 (11.70)	70.26 (11.23)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.15 (5.25)	25.40 (5.28)	<0.001
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	7.38 (3.77)	9.63 (3.96)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.01 (0.26)	1031.65 (771.93)	<0.001

Supplementary Table S2: Table 1's binary approach				
	Overall	CI Low <3	CI High ≥3	p-value
<b>n</b>	27092	25086	2006	
<b>Died, n (%)</b>	913 (3.4)	795 (3.2)	118 (5.9)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	7.00 [5.00, 11.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.80 (7.63)	81.52 (7.51)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	10464 (41.7)	468 (23.3)	
76-85 years	11012 (40.6)	10131 (40.4)	881 (43.9)	
86-95 years	4958 (18.3)	4330 (17.3)	628 (31.3)	
>95 years	190 (0.7)	161 (0.6)	29 (1.4)	
<b>Female sex, n (%)</b>	14014 (51.7)	12955 (51.6)	1059 (52.8)	0.333
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	13747 (54.8)	1372 (68.4)	<0.001
Surgical departement	11973 (44.2)	11339 (45.2)	634 (31.6)	
<b>Hearing device, n (%)</b>				0.005
None	15674 (57.9)	14545 (58.0)	1129 (56.3)	
Hearing device	2976 (11.0)	2712 (10.8)	264 (13.2)	
Missing	8442 (31.2)	7829 (31.2)	613 (30.6)	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	4485 (17.9)	471 (23.5)	
Glasses or contacts	13630 (50.3)	12709 (50.7)	921 (45.9)	
Missing	8506 (31.4)	7892 (31.5)	614 (30.6)	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1357 (5.4)	85 (4.2)	0.028
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	4271 (17.0)	480 (23.9)	<0.001
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	3406 (13.6)	285 (14.2)	0.449
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	3168 (12.6)	294 (14.7)	0.01
<b>Dementia, n (%)</b>	2595 (9.6)	1820 (7.3)	775 (38.6)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	2836 (11.3)	205 (10.2)	0.148
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	750 (3.0)	48 (2.4)	0.146
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	500 (2.0)	42 (2.1)	0.821
<b>Liverdisease, n (%)</b>	541 (2.0)	507 (2.0)	34 (1.7)	0.357
<b>Diabetes, n (%)</b>	5692 (21.0)	5216 (20.8)	476 (23.7)	0.002
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	1116 (4.4)	116 (5.8)	0.007
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	5565 (22.2)	611 (30.5)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	4379 (17.5)	246 (12.3)	<0.001
<b>Delirium, n (%)</b>	1695 (6.3)	1193 (4.8)	502 (25.0)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [35.00, 40.00]	33.00 [26.00, 39.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	22.00 [20.00, 23.00]	20.00 [17.00, 22.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	7139 (28.5)	734 (36.6)	<0.001
<b>Surgery during stay, n (%)</b>	8676 (32.0)	8209 (32.7)	467 (23.3)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.00 [45.00, 81.00]	59.00 [41.00, 76.50]	<0.001
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.00 [70.00, 115.00]	91.00 [72.00, 120.00]	0.001
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	138.50 [136.00, 141.00]	<0.001
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.10 [3.75, 4.40]	0.104
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.00 [14.00, 35.12]	19.00 [12.00, 33.50]	0.004
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	25.00 [20.00, 34.50]	0.052
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	11.88 [2.50, 55.24]	17.70 [4.00, 62.02]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	7427 (29.6)	457 (22.8)	
5-10	2680 (9.9)	2477 (9.9)	203 (10.1)	
10-50	6070 (22.4)	5565 (22.2)	505 (25.2)	
>50	6116 (22.6)	5637 (22.5)	479 (23.9)	
Missing	4342 (16.0)	3980 (15.9)	362 (18.0)	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.55 [36.23, 36.90]	36.60 [36.30, 37.00]	<0.001
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.32 (19.79)	131.94 (19.39)	<0.001
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	72.04 (11.70)	70.19 (11.27)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.15 (5.26)	25.37 (5.19)	<0.001
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	7.40 (3.78)	9.57 (3.94)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.14 (1.80)	340.20 (233.92)	

Supplementary Table S2: Table 1's binary approach				
	Overall	GABS Low <3	GABS High ≥3	p-value
<b>n</b>	27092	18586	8506	
<b>Died, n (%)</b>	913 (3.4)	487 (2.6)	426 (5.0)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	7.00 [5.00, 11.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.77 (7.64)	78.74 (7.74)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	7807 (42.0)	3125 (36.7)	
76-85 years	11012 (40.6)	7480 (40.2)	3532 (41.5)	
86-95 years	4958 (18.3)	3178 (17.1)	1780 (20.9)	
>95 years	190 (0.7)	121 (0.7)	69 (0.8)	
<b>Female sex, n (%)</b>	14014 (51.7)	9333 (50.2)	4681 (55.0)	<0.001
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	9884 (53.2)	5235 (61.5)	<0.001
Surgical departement	11973 (44.2)	8702 (46.8)	8080 (38.5)	
<b>Hearing device, n (%)</b>				<0.001
None	15674 (57.9)	10502 (56.5)	5172 (60.8)	
Hearing device	2976 (11.0)	1983 (10.7)	993 (11.7)	
<i>Missing</i>	<i>8442 (31.2)</i>	<i>6101 (32.8)</i>	<i>2341 (27.5)</i>	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	3238 (17.4)	1718 (20.2)	
Glasses or contacts	13630 (50.3)	9197 (49.5)	4433 (52.1)	
<i>Missing</i>	<i>8506 (31.4)</i>	<i>6151 (33.1)</i>	<i>2355 (27.7)</i>	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1024 (5.5)	418 (4.9)	0.046
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	2762 (14.9)	1989 (23.4)	<0.001
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	2380 (12.8)	1311 (15.4)	<0.001
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	2551 (13.7)	911 (10.7)	<0.001
<b>Dementia, n (%)</b>	2595 (9.6)	1389 (7.5)	1206 (14.2)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	1573 (8.5)	1468 (17.3)	<0.001
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	435 (2.3)	363 (4.3)	<0.001
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	373 (2.0)	169 (2.0)	0.95
<b>Liverdisease, n (%)</b>	541 (2.0)	380 (2.0)	161 (1.9)	0.434
<b>Diabetes, n (%)</b>	5692 (21.0)	3516 (18.9)	2176 (25.6)	<0.001
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	861 (4.6)	371 (4.4)	0.336
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	3861 (20.8)	2315 (27.2)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	3192 (17.2)	1433 (16.8)	0.518
<b>Delirium, n (%)</b>	1695 (6.3)	889 (4.8)	806 (9.5)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	40.00 [36.00, 40.00]	37.00 [32.00, 40.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	23.00 [21.00, 23.00]	21.00 [18.00, 23.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 1.00]	1.00 [1.00, 2.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	5372 (28.9)	2501 (29.4)	0.409
<b>Surgery during stay, n (%)</b>	8676 (32.0)	6475 (34.8)	2201 (25.9)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.00 [46.00, 80.50]	62.00 [43.88, 80.00]	0.001
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.00 [70.50, 114.50]	87.50 [69.00, 117.50]	0.57
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.50, 140.00]	138.00 [135.00, 140.00]	<0.001
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.30]	4.05 [3.75, 4.40]	0.111
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	21.00 [14.00, 36.00]	20.00 [13.00, 34.00]	0.017
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	0.125
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	9.70 [2.00, 50.00]	19.00 [4.00, 67.00]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	5901 (31.7)	1983 (23.3)	
5-10	2680 (9.9)	1808 (9.7)	872 (10.3)	
10-50	6070 (22.4)	3823 (20.6)	2247 (26.4)	
>50	6116 (22.6)	3819 (20.5)	2297 (27.0)	
<i>Missing</i>	<i>4342 (16.0)</i>	<i>3235 (17.4)</i>	<i>1107 (13.0)</i>	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.53 [36.20, 36.90]	36.60 [36.30, 36.95]	<0.001
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.77 (19.98)	132.85 (19.26)	<0.001
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	72.47 (11.97)	70.72 (10.95)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.06 (5.02)	26.18 (5.72)	0.172
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	6.18 (3.17)	10.17 (3.63)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.66 (0.79)	5.39 (2.86)	<0.001

Supplementary Table S2: Table 1's binary approach				
	Overall	DS Low <3	DS High ≥3	p-value
<b>n</b>	27092	19302	7790	
<b>Died, n (%)</b>	913 (3.4)	477 (2.5)	436 (5.6)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	7.00 [5.00, 12.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.82 (7.61)	78.72 (7.84)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	8058 (41.7)	2874 (36.9)	
76-85 years	11012 (40.6)	7809 (40.5)	3203 (41.1)	
86-95 years	4958 (18.3)	3315 (17.2)	1643 (21.1)	
>95 years	190 (0.7)	120 (0.6)	70 (0.9)	
<b>Female sex, n (%)</b>	14014 (51.7)	9599 (49.7)	4415 (56.7)	<0.001
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	10331 (53.5)	4788 (61.5)	<0.001
Surgical departement	11973 (44.2)	8971 (46.5)	3002 (38.5)	
<b>Hearing device, n (%)</b>				<0.001
None	15674 (57.9)	10980 (56.9)	4694 (60.3)	
Hearing device	2976 (11.0)	2085 (10.8)	891 (11.4)	
Missing	8442 (31.2)	6237 (32.3)	2205 (28.3)	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	3370 (17.5)	1586 (20.4)	
Glasses or contacts	13630 (50.3)	9648 (50.0)	3982 (51.1)	
Missing	8506 (31.4)	6284 (32.6)	2222 (28.5)	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1107 (5.7)	335 (4.3)	<0.001
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	2972 (15.4)	1779 (22.8)	<0.001
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	2565 (13.3)	1126 (14.5)	0.012
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	2660 (13.8)	802 (10.3)	<0.001
<b>Dementia, n (%)</b>	2595 (9.6)	1502 (7.8)	1093 (14.0)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	1586 (8.2)	1455 (18.7)	<0.001
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	487 (2.5)	311 (4.0)	<0.001
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	386 (2.0)	156 (2.0)	1
<b>Liverdisease, n (%)</b>	541 (2.0)	400 (2.1)	141 (1.8)	0.177
<b>Diabetes, n (%)</b>	5692 (21.0)	3917 (20.3)	1775 (22.8)	<0.001
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	889 (4.6)	343 (4.4)	0.489
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	4175 (21.6)	2001 (25.7)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	3349 (17.4)	1276 (16.4)	0.057
<b>Delirium, n (%)</b>	1695 (6.3)	962 (5.0)	733 (9.4)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [36.00, 40.00]	36.00 [31.00, 40.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	23.00 [21.00, 23.00]	21.00 [18.00, 23.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 1.00]	1.00 [1.00, 2.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	5580 (28.9)	2293 (29.4)	0.396
<b>Surgery during stay, n (%)</b>	8676 (32.0)	6601 (34.2)	2075 (26.6)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.00 [45.00, 80.00]	63.00 [44.00, 81.00]	0.971
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.50 [71.00, 115.50]	86.00 [68.00, 116.00]	<0.001
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.50, 140.00]	138.00 [135.00, 140.00]	<0.001
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.05 [3.75, 4.40]	0.147
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.25 [14.00, 35.50]	20.00 [13.00, 35.00]	0.028
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	0.445
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	9.15 [2.00, 48.50]	21.80 [5.00, 70.00]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	6242 (32.3)	1642 (21.1)	
5-10	2680 (9.9)	1920 (9.9)	760 (9.8)	
10-50	6070 (22.4)	3974 (20.6)	2096 (26.9)	
>50	6116 (22.6)	3907 (20.2)	2209 (28.4)	
Missing	4342 (16.0)	3259 (16.9)	1083 (13.9)	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.51 [36.20, 36.90]	36.60 [36.30, 37.00]	<0.001
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.98 (19.92)	132.18 (19.27)	<0.001
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	72.53 (11.90)	70.42 (10.99)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.16 (5.03)	25.93 (5.77)	0.009
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	6.45 (3.34)	9.98 (3.74)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.54 (0.80)	7.13 (4.24)	<0.001



Supplementary Table S2: Table 1's binary approach				
	Overall	BAADS Low <3	BAADS High ≥3	p-value
<b>n</b>	27092	18949	8143	
<b>Died, n (%)</b>	913 (3.4)	473 (2.5)	440 (5.4)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	7.00 [5.00, 11.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.72 (7.63)	78.91 (7.76)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	8021 (42.3)	2911 (35.7)	
76-85 years	11012 (40.6)	7577 (40.0)	3435 (42.2)	
86-95 years	4958 (18.3)	3231 (17.1)	1727 (21.2)	
>95 years	190 (0.7)	120 (0.6)	70 (0.9)	
<b>Female sex, n (%)</b>	14014 (51.7)	9466 (50.0)	4548 (55.9)	<0.001
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	9800 (51.7)	5319 (65.3)	<0.001
Surgical departement	11973 (44.2)	9149 (48.3)	2824 (34.7)	
<b>Hearing device, n (%)</b>				<0.001
None	15674 (57.9)	10789 (56.9)	4885 (60.0)	
Hearing device	2976 (11.0)	2048 (10.8)	928 (11.4)	
Missing	8442 (31.2)	6112 (32.3)	2330 (28.6)	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	3299 (17.4)	1657 (20.3)	
Glasses or contacts	13630 (50.3)	9481 (50.0)	4149 (51.0)	
Missing	8506 (31.4)	6169 (32.6)	2337 (28.7)	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1043 (5.5)	399 (4.9)	0.045
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	2765 (14.6)	1986 (24.4)	<0.001
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	2425 (12.8)	1266 (15.5)	<0.001
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	2575 (13.6)	887 (10.9)	<0.001
<b>Dementia, n (%)</b>	2595 (9.6)	1470 (7.8)	1125 (13.8)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	1371 (7.2)	1670 (20.5)	<0.001
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	447 (2.4)	351 (4.3)	<0.001
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	359 (1.9)	183 (2.2)	0.064
<b>Liverdisease, n (%)</b>	541 (2.0)	396 (2.1)	145 (1.8)	0.105
<b>Diabetes, n (%)</b>	5692 (21.0)	3838 (20.3)	1854 (22.8)	<0.001
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	875 (4.6)	357 (4.4)	0.416
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	3896 (20.6)	2280 (28.0)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	3225 (17.0)	1400 (17.2)	0.741
<b>Delirium, n (%)</b>	1695 (6.3)	936 (4.9)	759 (9.3)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [36.00, 40.00]	37.00 [31.00, 40.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	23.00 [21.00, 23.00]	21.00 [18.00, 23.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 1.00]	1.00 [1.00, 2.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	5605 (29.6)	2268 (27.9)	0.004
<b>Surgery during stay, n (%)</b>	8676 (32.0)	6808 (35.9)	1868 (22.9)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.50 [46.00, 80.50]	62.00 [43.00, 80.00]	<0.001
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.00 [70.00, 114.00]	88.00 [69.00, 118.00]	0.734
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.50, 140.00]	138.00 [135.00, 140.00]	<0.001
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.05 [3.75, 4.40]	0.977
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.00 [14.00, 36.00]	20.00 [13.00, 35.00]	0.074
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	0.55
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	9.50 [2.00, 48.86]	20.00 [4.40, 69.00]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	6015 (31.7)	1869 (23.0)	
5-10	2680 (9.9)	1850 (9.8)	830 (10.2)	
10-50	6070 (22.4)	3899 (20.6)	2171 (26.7)	
>50	6116 (22.6)	3812 (20.1)	2304 (28.3)	
Missing	4342 (16.0)	3373 (17.8)	969 (11.9)	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.50 [36.20, 36.90]	36.60 [36.30, 37.00]	<0.001
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.88 (19.91)	132.52 (19.36)	<0.001
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	72.47 (11.92)	70.64 (11.02)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.13 (5.02)	26.01 (5.75)	0.162
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	6.31 (3.24)	10.09 (3.71)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.56 (0.75)	6.13 (3.75)	<0.001

Supplementary Table S2: Table 1's binary approach				
	Overall	KABS Low <3	KABS High ≥3	p-value
<b>n</b>	27092	21416	5676	
<b>Died, n (%)</b>	913 (3.4)	597 (2.8)	316 (5.6)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	7.00 [5.00, 12.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.84 (7.63)	78.97 (7.83)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	8899 (41.6)	2033 (35.8)	
76-85 years	11012 (40.6)	8660 (40.4)	2352 (41.4)	
86-95 years	4958 (18.3)	3720 (17.4)	1238 (21.8)	
>95 years	190 (0.7)	137 (0.6)	53 (0.9)	
<b>Female sex, n (%)</b>	14014 (51.7)	10802 (50.4)	3212 (56.6)	<0.001
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	11732 (54.8)	3387 (59.7)	<0.001
Surgical departement	11973 (44.2)	9684 (45.2)	2289 (40.3)	
<b>Hearing device, n (%)</b>				<0.001
None	15674 (57.9)	12221 (57.1)	3453 (60.8)	
Hearing device	2976 (11.0)	2319 (10.8)	657 (11.6)	
<i>Missing</i>	<i>8442 (31.2)</i>	<i>6876 (32.1)</i>	<i>1566 (27.6)</i>	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	3774 (17.6)	1182 (20.8)	
Glasses or contacts	13630 (50.3)	10709 (50.0)	2921 (51.5)	
<i>Missing</i>	<i>8506 (31.4)</i>	<i>6933 (32.4)</i>	<i>1573 (27.7)</i>	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1174 (5.5)	268 (4.7)	0.025
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	3420 (16.0)	1331 (23.4)	<0.001
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	2851 (13.3)	840 (14.8)	0.004
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	2816 (13.1)	646 (11.4)	<0.001
<b>Dementia, n (%)</b>	2595 (9.6)	1653 (7.7)	942 (16.6)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	2226 (10.4)	815 (14.4)	<0.001
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	549 (2.6)	249 (4.4)	<0.001
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	419 (2.0)	123 (2.2)	0.34
<b>Liverdisease, n (%)</b>	541 (2.0)	431 (2.0)	110 (1.9)	0.762
<b>Diabetes, n (%)</b>	5692 (21.0)	4415 (20.6)	1277 (22.5)	0.002
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	973 (4.5)	259 (4.6)	0.978
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	4679 (21.8)	1497 (26.4)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	3636 (17.0)	989 (17.4)	0.439
<b>Delirium, n (%)</b>	1695 (6.3)	1058 (4.9)	637 (11.2)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [35.00, 40.00]	36.00 [31.00, 40.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	23.00 [20.00, 23.00]	21.00 [18.00, 23.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	6067 (28.3)	1806 (31.8)	<0.001
<b>Surgery during stay, n (%)</b>	8676 (32.0)	7168 (33.5)	1508 (26.6)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.00 [45.50, 80.00]	62.00 [43.00, 80.00]	0.012
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.00 [70.12, 115.00]	87.00 [69.00, 117.00]	0.098
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	0.158
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.10 [3.75, 4.40]	0.088
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.50 [14.00, 36.00]	19.00 [13.00, 34.00]	0.005
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	25.00 [20.00, 34.00]	0.009
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	11.00 [2.30, 55.00]	16.00 [3.80, 58.35]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	6498 (30.3)	1386 (24.4)	
5-10	2680 (9.9)	2062 (9.6)	618 (10.9)	
10-50	6070 (22.4)	4580 (21.4)	1490 (26.3)	
>50	6116 (22.6)	4747 (22.2)	1369 (24.1)	
<i>Missing</i>	<i>4342 (16.0)</i>	<i>3529 (16.5)</i>	<i>813 (14.3)</i>	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.55 [36.20, 36.90]	36.60 [36.30, 36.92]	<0.001
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.41 (19.93)	133.15 (19.14)	<0.001
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	72.14 (11.83)	71.02 (11.05)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.10 (5.14)	26.09 (5.67)	0.913
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	6.77 (3.48)	10.24 (3.78)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.46 (0.71)	4.98 (2.60)	<0.001

Supplementary Table S2: Table 1's binary approach				
	Overall	ATS Low <3	ATS High ≥3	p-value
<b>n</b>	27092	26137	955	
<b>Died, n (%)</b>	913 (3.4)	821 (3.1)	92 (9.6)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	7.00 [5.00, 12.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.95 (7.66)	81.64 (7.66)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	10721 (41.0)	211 (22.1)	
76-85 years	11012 (40.6)	10588 (40.5)	424 (44.4)	
86-95 years	4958 (18.3)	4656 (17.8)	302 (31.6)	
>95 years	190 (0.7)	172 (0.7)	18 (1.9)	
<b>Female sex, n (%)</b>	14014 (51.7)	13453 (51.5)	561 (58.7)	<0.001
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	14483 (55.4)	636 (66.6)	<0.001
Surgical departement	11973 (44.2)	11654 (44.6)	319 (33.4)	
<b>Hearing device, n (%)</b>				0.429
None	15674 (57.9)	15128 (57.9)	546 (57.2)	
Hearing device	2976 (11.0)	2880 (11.0)	96 (10.1)	
<i>Missing</i>	<i>8442 (31.2)</i>	<i>8129 (31.1)</i>	<i>313 (32.8)</i>	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	4714 (18.0)	242 (25.3)	
Glasses or contacts	13630 (50.3)	13233 (50.6)	397 (41.6)	
<i>Missing</i>	<i>8506 (31.4)</i>	<i>8190 (31.3)</i>	<i>316 (33.1)</i>	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1399 (5.4)	43 (4.5)	0.282
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	4547 (17.4)	204 (21.4)	0.002
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	3563 (13.6)	128 (13.4)	0.877
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	3333 (12.8)	129 (13.5)	0.524
<b>Dementia, n (%)</b>	2595 (9.6)	2233 (8.5)	362 (37.9)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	2944 (11.3)	97 (10.2)	0.312
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	779 (3.0)	19 (2.0)	0.093
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	527 (2.0)	15 (1.6)	0.396
<b>Liverdisease, n (%)</b>	541 (2.0)	519 (2.0)	22 (2.3)	0.567
<b>Diabetes, n (%)</b>	5692 (21.0)	5485 (21.0)	207 (21.7)	0.636
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	1174 (4.5)	58 (6.1)	0.026
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	5904 (22.6)	272 (28.5)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	4439 (17.0)	186 (19.5)	0.049
<b>Delirium, n (%)</b>	1695 (6.3)	1446 (5.5)	249 (26.1)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [35.00, 40.00]	33.00 [25.00, 38.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	22.00 [20.00, 23.00]	19.00 [17.00, 22.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 2.00]	2.00 [1.00, 3.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	7534 (28.8)	339 (35.5)	<0.001
<b>Surgery during stay, n (%)</b>	8676 (32.0)	8470 (32.4)	206 (21.6)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.00 [45.00, 80.00]	61.00 [41.75, 79.00]	0.028
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.00 [70.00, 115.50]	85.00 [66.50, 118.00]	0.102
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	137.50 [135.00, 140.00]	0.061
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.10 [3.75, 4.40]	0.586
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.00 [14.00, 35.00]	19.25 [12.00, 30.00]	0.066
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.00 [20.00, 35.00]	25.00 [19.00, 35.00]	0.482
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	12.00 [2.60, 55.65]	19.00 [4.00, 65.00]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	7661 (29.3)	223 (23.4)	
5-10	2680 (9.9)	2590 (9.9)	90 (9.4)	
10-50	6070 (22.4)	5803 (22.2)	267 (28.0)	
>50	6116 (22.6)	5867 (22.4)	249 (26.1)	
<i>Missing</i>	<i>4342 (16.0)</i>	<i>4216 (16.1)</i>	<i>126 (13.2)</i>	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.55 [36.23, 36.90]	36.60 [36.30, 37.00]	0.002
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.20 (19.75)	132.40 (20.10)	0.006
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	71.94 (11.69)	70.71 (11.21)	0.002
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.13 (5.24)	24.79 (5.61)	<0.001
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	7.49 (3.82)	9.70 (3.85)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.03 (0.25)	6.78 (3.98)	<0.001

Supplementary Table S2: Table 1's binary approach				
	Overall	DRS Low <3	DRS High ≥3	p-value
<b>n</b>	27092	21398	5694	
<b>Died, n (%)</b>	913 (3.4)	598 (2.8)	315 (5.5)	<0.001
<b>Length of stay, median days [IQR]</b>	6.00 [4.00, 10.00]	6.00 [4.00, 10.00]	8.00 [5.00, 12.00]	<0.001
<b>Age, mean years (±SD)</b>	78.08 (7.69)	77.85 (7.64)	78.94 (7.80)	<0.001
<b>Age, n (%)</b>				<0.001
65-75 years	10932 (40.4)	8893 (41.6)	2039 (35.8)	
76-85 years	11012 (40.6)	8635 (40.4)	2377 (41.7)	
86-95 years	4958 (18.3)	3722 (17.4)	1236 (21.7)	
>95 years	190 (0.7)	148 (0.7)	42 (0.7)	
<b>Female sex, n (%)</b>	14014 (51.7)	10766 (50.3)	3248 (57.0)	<0.001
<b>Departement, n (%)</b>				
Medical departement	15119 (55.8)	11572 (54.1)	3547 (62.3)	<0.001
Surgical departement	11973 (44.2)	9826 (45.9)	2147 (37.7)	
<b>Hearing device, n (%)</b>				<0.001
None	15674 (57.9)	12204 (57.0)	3470 (60.9)	
Hearing device	2976 (11.0)	2321 (10.8)	655 (11.5)	
Missing	8442 (31.2)	6873 (32.1)	1569 (27.6)	
<b>Visual aid, n (%)</b>				<0.001
None	4956 (18.3)	3763 (17.6)	1193 (21.0)	
Glasses or contacts	13630 (50.3)	10708 (50.0)	2922 (51.3)	
Missing	8506 (31.4)	6927 (32.4)	1579 (27.7)	
<b>Acute myocardial infarction, n (%)</b>	1442 (5.3)	1167 (5.5)	275 (4.8)	0.067
<b>Congestive heart failure, n (%)</b>	4751 (17.5)	3374 (15.8)	1377 (24.2)	<0.001
<b>Peripheal vascular disease, n (%)</b>	3691 (13.6)	2732 (12.8)	959 (16.8)	<0.001
<b>Cerebrovascular disease, n (%)</b>	3462 (12.8)	2795 (13.1)	667 (11.7)	0.007
<b>Dementia, n (%)</b>	2595 (9.6)	1636 (7.6)	959 (16.8)	<0.001
<b>COPD, n (%)</b>	3041 (11.2)	2179 (10.2)	862 (15.1)	<0.001
<b>Rheumatoid disease, n (%)</b>	798 (2.9)	512 (2.4)	286 (5.0)	<0.001
<b>Peptic ulcer disease, n (%)</b>	542 (2.0)	435 (2.0)	107 (1.9)	0.495
<b>Liverdisease, n (%)</b>	541 (2.0)	420 (2.0)	121 (2.1)	0.469
<b>Diabetes, n (%)</b>	5692 (21.0)	4067 (19.0)	1625 (28.5)	<0.001
<b>Hemiplegia, Paraplegia, n (%)</b>	1232 (4.5)	954 (4.5)	278 (4.9)	0.184
<b>Renal dysfunction, n (%)</b>	6176 (22.8)	4589 (21.4)	1587 (27.9)	<0.001
<b>Cancer, n (%)</b>	4625 (17.1)	3740 (17.5)	885 (15.5)	0.001
<b>Delirium, n (%)</b>	1695 (6.3)	1079 (5.0)	616 (10.8)	<0.001
<b>Self-care Index, median [IQR]</b>	39.00 [34.00, 40.00]	39.00 [35.00, 40.00]	36.00 [30.00, 39.00]	<0.001
<b>Braden, median [IQR]</b>	22.00 [20.00, 23.00]	23.00 [20.00, 23.00]	21.00 [18.00, 23.00]	<0.001
<b>Nutrition deficiency score, median [IQR]</b>	1.00 [1.00, 2.00]	1.00 [1.00, 1.00]	1.00 [1.00, 2.00]	<0.001
<b>Catheterisation, n (%)</b>	7873 (29.1)	6240 (29.2)	1633 (28.7)	0.486
<b>Surgery during stay, n (%)</b>	8676 (32.0)	7260 (33.9)	1416 (24.9)	<0.001
<b>GFR [ml/min], median [IQR]</b>	64.00 [45.00, 80.00]	64.00 [45.50, 80.50]	62.00 [43.00, 80.00]	0.008
<b>Creatinine [µmol/l], median [IQR]</b>	87.00 [70.00, 115.50]	87.00 [70.00, 115.00]	87.00 [69.00, 117.00]	0.067
<b>Sodium [mmol/l], median [IQR]</b>	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	138.00 [135.00, 140.00]	0.082
<b>Potassium [mmol/l], median [IQR]</b>	4.05 [3.80, 4.35]	4.05 [3.80, 4.35]	4.10 [3.75, 4.40]	0.127
<b>ALAT [U/l], median [IQR]</b>	20.00 [14.00, 35.00]	20.50 [14.00, 35.50]	19.00 [13.00, 35.00]	0.01
<b>ASAT [U/l], median [IQR]</b>	25.00 [20.00, 35.00]	25.50 [20.00, 35.00]	25.00 [20.00, 34.00]	0.001
<b>CRP [mg/l], median [IQR]</b>	12.00 [2.70, 56.00]	10.62 [2.20, 52.50]	18.90 [4.30, 65.00]	<0.001
<b>CRP [mg/l], n (%)</b>				<0.001
< 5	7884 (29.1)	6577 (30.7)	1307 (23.0)	
5-10	2680 (9.9)	2068 (9.7)	612 (10.7)	
10-50	6070 (22.4)	4551 (21.3)	1519 (26.7)	
>50	6116 (22.6)	4596 (21.5)	1520 (26.7)	
Missing	4342 (16.0)	3606 (16.9)	736 (12.9)	
<b>Temperature [°C], median [IQR]</b>	36.55 [36.25, 36.90]	36.55 [36.20, 36.90]	36.60 [36.30, 36.95]	<0.001
<b>Systolic blood pressure [mmHg], mean (±SD)</b>	134.14 (19.77)	134.49 (19.91)	132.88 (19.19)	<0.001
<b>Diastolic blood pressure [mmHg], mean (±SD)</b>	71.89 (11.67)	72.24 (11.84)	70.66 (10.98)	<0.001
<b>BMI, mean (±SD)</b>	26.10 (5.25)	26.06 (5.06)	26.23 (5.93)	0.09
<b>Polymedication, mean (±SD)</b>	7.58 (3.84)	6.67 (3.40)	10.55 (3.71)	<0.001
<b>ACH burden per scale, mean (±SD)</b>	-	0.53 (0.76)	4.86 (2.34)	<0.001