

Supplementary Table S3. Proportions of patients readmitted with the same condition according the frequency of admission within 28 days of discharge from hospital.

Index admissions	Categories of frequency and type of readmission					Group differences	
	No readmission	1 non-identical AR episode	≥2 non-identical AR episodes	1 identical AR episode	≥2 identical AR episodes	χ^2	<i>p</i>
CHF	1.1	2.5	3.0	3.7	5.6	87.5	<0.001
COPD	1.3	2.2	4.4	4.2	8.4	121.9	<0.001
Pneumonia	4.5	9.3	10.7	14.7	11.2	203.7	<0.001
Sepsis	3.4	5.2	7.0	3.7	2.8	53.0	<0.001
Endocrine disorders	3.3	4.1	3.8	2.6	8.4	14.0	0.007
UTI	3.1	5.7	6.3	4.7	12.1	96.4	<0.001
Psychiatric disorders	0.8	1.3	2.2	0.5	0.9	26.7	<0.001
Haematological disorders	2.2	1.0	0.9	3.2	1.9	24.8	<0.001
Dermatological disorders	3.4	2.5	3.5	7.9	2.8	17.4	0.002
MI	2.5	2.3	1.8	1.1	0	6.6	0.162
AF	1.3	0.8	1.5	1.1	0	5.8	0.211
Asthma	0.7	0.5	0.5	0.5	0	2.1	0.723
Strokes	2.7	2.4	2.5	1.6	1.9	1.9	0.748
Viral infection	0.5	0.2	0.2	1.1	0.0	6.0	0.202
Gastrointestinal disorders	12.9	12.5	10.6	12.1	15.0	5.2	0.270
All Neurological disorders	2.3	1.9	3.0	1.6	0.9	5.1	0.278
Ophthalmic disorders	0.5	0.2	0.3	0.0	0.0	9.0	0.062
All cardiovascular diseases	13.7	13.3	13.4	13.2	9.3	2.3	0.689
All pulmonary disorders	9.4	16.4	20.5	22.6	28.0	292.9	<0.001
Rheumatological disorders	10.5	5.3	2.7	2.6	1.9	145.9	<0.001
All genitourinary disorders	11.3	12.3	11.8	12.6	15.0	3.8	0.437
Non-specific bodily pain	13.8	12.0	8.5	11.6	7.5	31.1	<0.001
Bone fractures	8.2	8.1	7.2	2.6	1.9	14.8	0.005
Medical device complications	3.1	3.8	4.3	2.1	3.7	9.8	0.044

AR, admission-readmission; CHF, congestive heart failure; COPD, chronic obstructive pulmonary disease; UTI, urinary tract infection; MI, myocardial infarct; AF, atrial fibrillation