

Table S1 – Patient characteristics by AKI severity in eGFR subgroups

	Baseline eGFR 45-59 ml/min/1.73m ²				Baseline eGFR 30-44 ml/min/1.73m ²				Baseline eGFR <30ml/min/1.73m ²			
	No AKI	AKI 1	AKI 2	AKI 3	No AKI	AKI 1	AKI 2	AKI 3	No AKI	AKI 1	AKI 2	AKI 3
n	3672	375	157	72	1666	287	88	49	597	147	26	67
CHARACTERISTICS												
Median age in years (IQR)	76 (69-83)	81 (73-85)	81 (73-86)	78 (78-83)	81 (74-87)	82 (76-88)	83 (75-88)	81 (75-85)	82 (75-88)	81 (75-87)	82 (75-87)	77 (65-84)
Age ≥70 years	2737 (74.5)	321 (85.6)	137 (87.3)	57 (79.2)	1420 (85.2)	255 (88.9)	76 (86.4)	46 (93.9)	502 (84.1)	123 (83.7)	23 (88.5)	45 (67.2)
Female	2185 (59.5)	211 (56.3)	93 (59.2)	37 (51.4)	1033 (62.0)	165 (57.5)	56 (63.6)	23 (46.9)	360 (60.3)	87 (59.2)	16 (61.5)	31 (46.3)
Male	1487 (40.5)	164 (43.7)	64 (40.8)	35 (48.6)	633 (38.0)	122 (42.5)	32 (36.4)	26 (53.1)	237 (39.7)	60 (40.8)	10 (38.5)	36 (53.7)
^a Medical or other ward	1902 (51.8)	163 (43.5)	72 (45.9)	30 (41.7)	855 (51.3)	123 (42.9)	29 (33.0)	24 (49.0)	231 (38.7)	66 (44.9)	9 (34.6)	32 (47.8)
Care of the elderly ward	328 (8.9)	77 (20.5)	31 (19.7)	9 (12.5)	226 (13.6)	69 (24.0)	22 (25.0)	11 (22.4)	86 (14.4)	26 (17.7)	5 (19.2)	12 (17.9)
Surgical ward	1209 (32.9)	60 (16.0)	17 (10.8)	10 (13.9)	479 (28.8)	39 (13.6)	12 (13.6)	8 (16.3)	140 (23.5)	24 (16.3)	<5 ^a (-)	7 (10.4)
Critical care unit	233 (6.3)	75 (20.0)	37 (23.6)	23 (31.9)	106 (6.4)	56 (19.5)	25 (28.4)	6 (12.2)	140 (23.5)	31 (21.1)	9 (34.6)	16 (23.9)
^aCHARLSON COMORBIDITIES												
Myocardial infarction	227 (6.2)	52 (13.9)	11 (7.0)	12 (16.7)	138 (8.3)	51 (17.8)	15 (17.0)	7 (14.3)	53 (8.9)	20 (13.6)	<5 ^a (-)	10 (14.9)
Congestive heart failure	224 (6.1)	56 (14.9)	24 (15.3)	19 (26.4)	181 (10.9)	68 (23.7)	27 (30.7)	13 (26.5)	94 (15.7)	33 (22.4)	10 (38.5)	15 (22.4)
Peripheral vascular disease	143 (3.9)	39 (10.4)	16 (10.2)	6 (8.3)	97 (5.8)	44 (15.3)	8 (9.1)	<5 ^a (-)	45 (7.5)	14 (9.5)	<5 ^a (-)	<5 ^a (-)
Cerebrovascular disease	226 (6.2)	46 (12.3)	16 (10.2)	<5 ^a (-)	147 (8.8)	34 (11.8)	6 (6.8)	5 (10.2)	66 (11.1)	14 (9.5)	<5 ^a (-)	6 (9.0)
Dementia	68 (1.9)	14 (3.7)	<5 ^a (-)	<5 ^a (-)	46 (2.8)	15 (5.2)	6 (6.8)	<5 ^a (-)	28 (4.7)	8 (5.4)	<5 ^a (-)	<5 ^a (-)
Chronic pulmonary disease	229 (6.2)	36 (9.6)	25 (15.9)	9 (12.5)	128 (7.7)	45 (15.7)	13 (14.8)	<5 ^a (-)	50 (8.4)	11 (7.5)	<5 ^a (-)	5 (7.5)
Rheumatic disease	84 (2.3)	22 (5.9)	8 (5.1)	<5 ^a (-)	40 (2.4)	14 (4.9)	9 (10.2)	<5 ^a (-)	15 (2.5)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)
Peptic ulcer disease	92 (2.5)	14 (3.7)	10 (6.4)	<5 ^a (-)	48 (2.9)	11 (3.8)	5 (5.7)	<5 ^a (-)	20 (3.4)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)
Mild liver disease	29 (0.8)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)	18 (1.1)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)	8 (1.3)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)
Severe liver disease	11 (0.3)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)
Diabetes without complications	245 (6.7)	52 (13.9)	23 (14.6)	17 (23.6)	145 (8.7)	54 (18.8)	16 (18.2)	8 (16.3)	80 (13.4)	23 (15.6)	5 (19.2)	15 (22.4)
Diabetes with complications	21 (0.6)	11 (2.9)	7 (4.5)	<5 ^a (-)	23 (1.4)	15 (5.2)	6 (6.8)	<5 ^a (-)	18 (3.0)	7 (4.8)	<5 ^a (-)	<5 ^a (-)
Hemiplegia	15 (0.4)	5 (1.3)	<5 ^a (-)	<5 ^a (-)	14 (0.8)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)	7 (1.2)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)
Malignancy	336 (9.2)	47 (12.5)	25 (15.9)	10 (13.9)	144 (8.6)	24 (8.4)	13 (14.8)	7 (14.3)	50 (8.4)	12 (8.2)	<5 ^a (-)	14 (20.9)
Metastatic malignancy	51 (1.4)	11 (2.9)	5 (3.2)	<5 ^a (-)	23 (1.4)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)	6 (1.0)	<5 ^a (-)	<5 ^a (-)	<5 ^a (-)

Abbreviations: AKI, acute kidney injury (1-3 denote severity stage); eGFR, estimated glomerular filtration rate

^aResults for human immunodeficiency virus, "other" ward location, and small numbers not reported to prevent patient identification at the request of clinical lead for Grampian Data Safe-Haven