

Supplemental Tables 1a-d.

a.

Imputed AKI Stage (eGFR 75) Total Cohort	0	1	2	3	Total
Real AKI Stages 0	5028	457	53	6	5544
1	262	377	89	20	748
2	21	37	49	21	128
3	0	2	20	60	82
Total	5311	873	211	107	6502

Total misclassification 15.2%(95%CI: 14.3-16.0),

Misclassification if Stage II + III used to define injury 3.5%(95%CI: 3.1-4.0%)

b.

Imputed AKI Stage (Full MI + SCr) Total Cohort	0	1	2	3	Total
Real AKI Stage 0	5375	169	0	0	5544
1	396	330	21	1	748
2	17	62	44	5	128
3	0	9	16	57	82
Total	5788	570	81	63	6502

Total misclassification 10.7%(95% CI: 10.0-11.5), p<0.001 compared to eGFR 75

Misclassification if Stage II + III used to define injury 1.7%(95%CI: 1.4-2.0), p<0.001 compared to eGFR 75

c.

Imputed AKI Stage (eGFR 75) baseline eGFR<60	0	1	2	3	Total
Real AKI Stages 0	432	392	53	6	883
1	0	82	78	20	180
2	0	0	4	17	21
3	0	0	0	34	34
Total	432	474	135	77	1118

Total misclassification 50.6%(95% CI: 47.7-53.5)

Misclassification if Stage II + III used to define injury 14.0% (95% CI: 12.0-16.1)

d.

Imputed AKI Stage (Full MI + SCr) baseline eGFR<60	0	1	2	3	Total
Real AKI Stage 0	747	136	0	0	883
1	33	133	13	1	180
2	0	7	13	1	21
3	0	0	0	34	34
Total	780	276	26	36	1118

Total misclassification 17.1%(95%CI: 14.9-19.2), p<0.001 compared to eGFR 75

Misclassification if Stage II + III used to define injury 1.9%(95% CI: 1.1-2.7), p<0.001 compared to eGFR 75