

Supplemental table 1. Association of FT3 level and Risk of CI-AKI after matching

	Odds Ratio (95% confidence interval) and P value	
	Unadjusted	Adjusted
FT3 (per 1 unit)	0.807 (0.672 - 0.968)	0.823 (0.685 - 0.988)
	0.021	0.036
FT3 quartiles *		
Q1	1	1
	Reference	Reference
Q2	0.565 (0.376 - 0.849)	0.585 (0.388 - 0.880)
	0.006	0.010
Q3	0.666 (0.441 - 1.005)	0.690 (0.456 - 1.045)
	0.053	0.079
Q4	0.598 (0.386 - 0.926)	0.618 (0.398 - 0.959)
	0.021	0.032
P for trend	0.015	0.025

* The model was adjusted by Killip classification

Supplemental table 2. Sensitive analysis of FT3 and CI-AKI

	P value	Odds	95% confidence interval	
		Ratio	upper limit	lower limit
Original data				
FT3 (per 1 unit) (n=1,480) ^a	0.004	0.750	0.615	0.914
FT3 (per 1 unit) (n=1,256) ^b	0.000	0.648	0.519	0.811
Multiple imputation data				
FT3 (per 1 unit) ^c				
Data set 1	0.011	0.774	0.634	0.944
Data set 2	0.016	0.783	0.641	0.955
Data set 3	0.010	0.767	0.627	0.939
Data set 4	0.011	0.774	0.634	0.944
Data set 5	0.010	0.770	0.631	0.939
FT3 (per 1 SD) ^c				
Data set 1	0.011	0.811	0.689	0.954
Data set 2	0.016	0.818	0.695	0.963
Data set 3	0.010	0.805	0.682	0.949
Data set 4	0.011	0.811	0.689	0.954
Data set 5	0.010	0.808	0.686	0.950
FT3 (per 1 quartile) ^c				
Data set 1				
Q1	Reference	1.000		

Q2	0.007	0.564	0.371	0.856
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Q3	0.032	0.624	0.406	0.961
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Q4	0.004	0.507	0.319	0.808
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Data set 2

Q1	Reference	1.000		
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Q2	0.010	0.576	0.379	0.875
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Q3	0.031	0.622	0.404	0.958
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Q4	0.005	0.511	0.321	0.813
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Data set 3

Q1	Reference	1.000		
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Q2	0.009	0.572	0.375	0.870
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Q3	0.020	0.596	0.385	0.923
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Q4	0.004	0.501	0.313	0.801
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Data set 4

Q1	Reference	1.000		
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Q2	0.010	0.577	0.380	0.877
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Q3	0.031	0.622	0.404	0.957
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Q4	0.004	0.507	0.319	0.808
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Data set 5

Q1	Reference	1.000		
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Q2	0.007	0.562	0.370	0.852
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Q3	0.023	0.609	0.396	0.935
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Q4

0.004

0.502

0.316

0.799

a: models were adjusted for age, sex, current or former smoker, alcohol consumption, hypertension, heart rate, neutrophil percentage, hemoglobin, eGFR, left main coronary artery, contrast volume > 100ml, use of IOCM, PCI therapy and use of diuretics, use of low molecular heparin; b: models were adjusted for covariates in model 1 plus LVEF, HbA1c and Killip class III or IV; c: models were adjusted for covariates in model 3.