Supplementary Online Content

This supplementary material has been provided by the authors to give readers additional information about their work.

eFigure 1: Total Number of Patients in IRF by Discharge Year: Stroke, Hip Fracture and Joint Replacement

eFigure 2: Percentage of Medicare Advantage Patients by Year: Stroke, Hip Fracture and Joint Replacement

eFigure 3: Adjusted Difference of Length of Stay between TM and MA: Stroke, Hip Fracture and Joint Replacement (Left to Right)
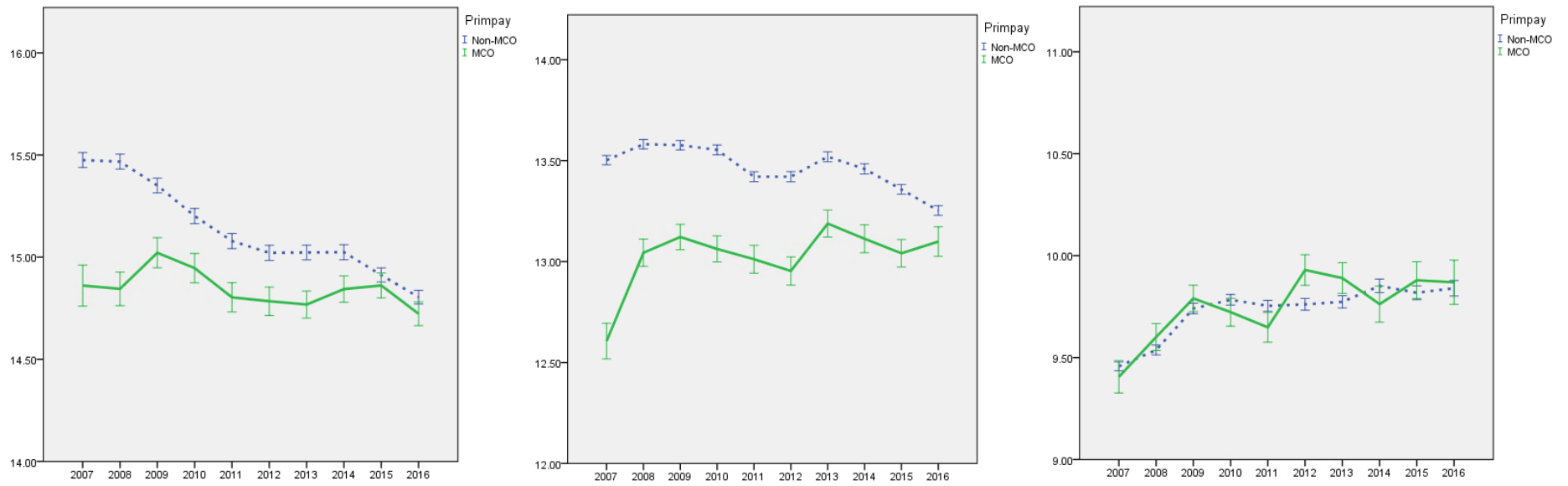
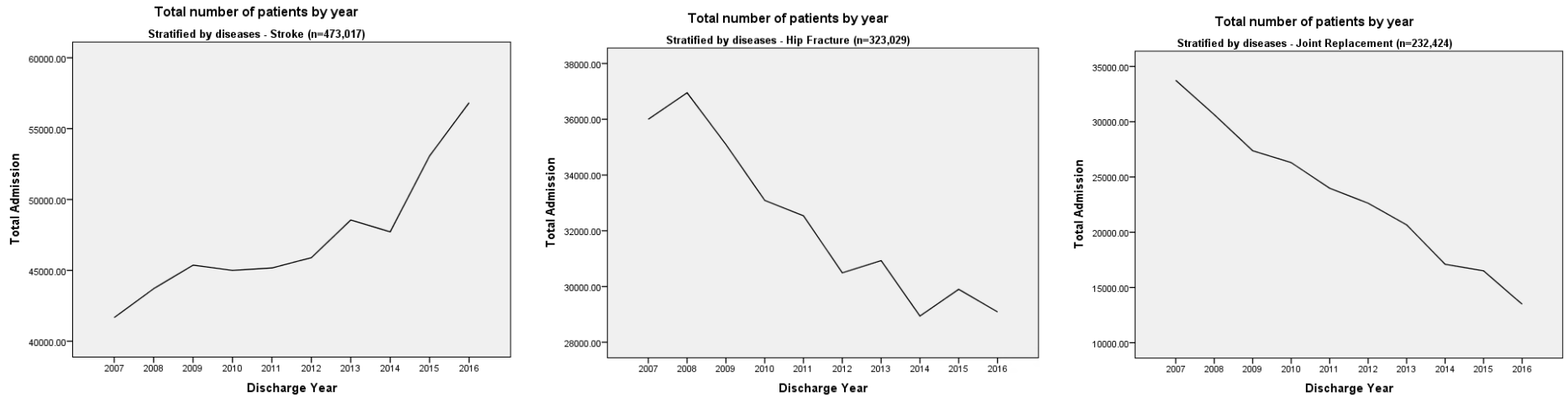eFigure 4: Adjusted Difference of FIM Score Improvement between TM and MA

eFigure 5: Adjusted Difference of Likelihood to Return to Community After Discharge Between TM and MA

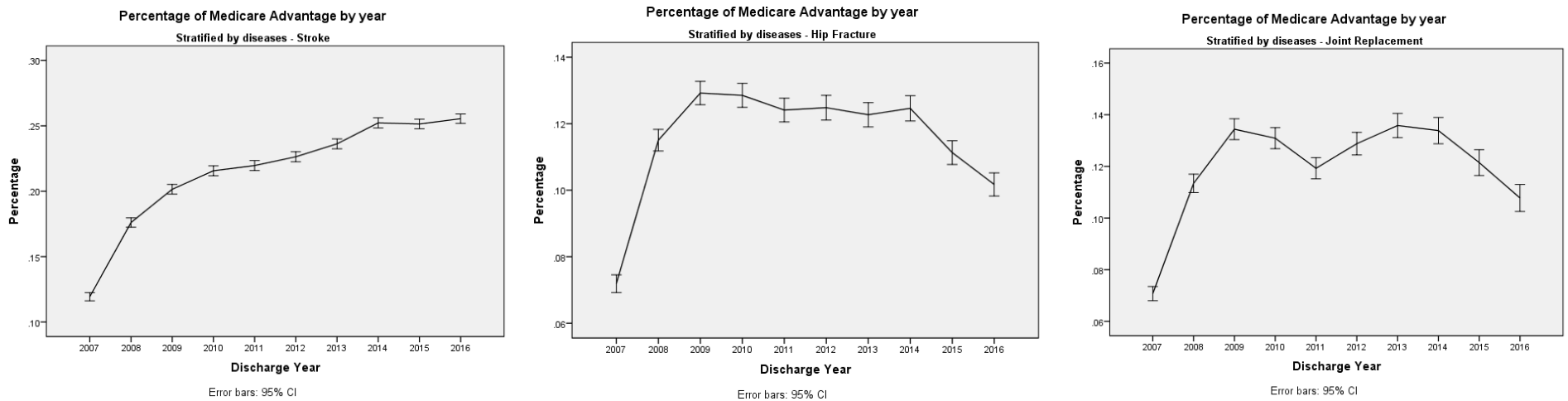eTable 1: Regression of Care Outcomes on Insurance Type and Control Variables: Joint Replacement

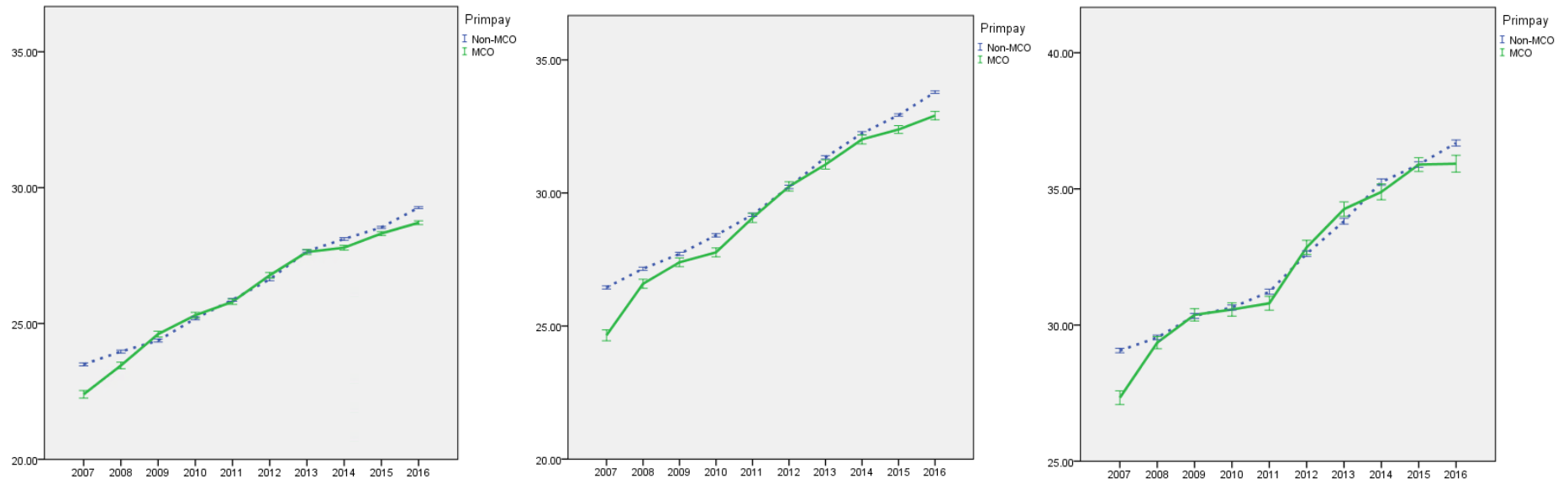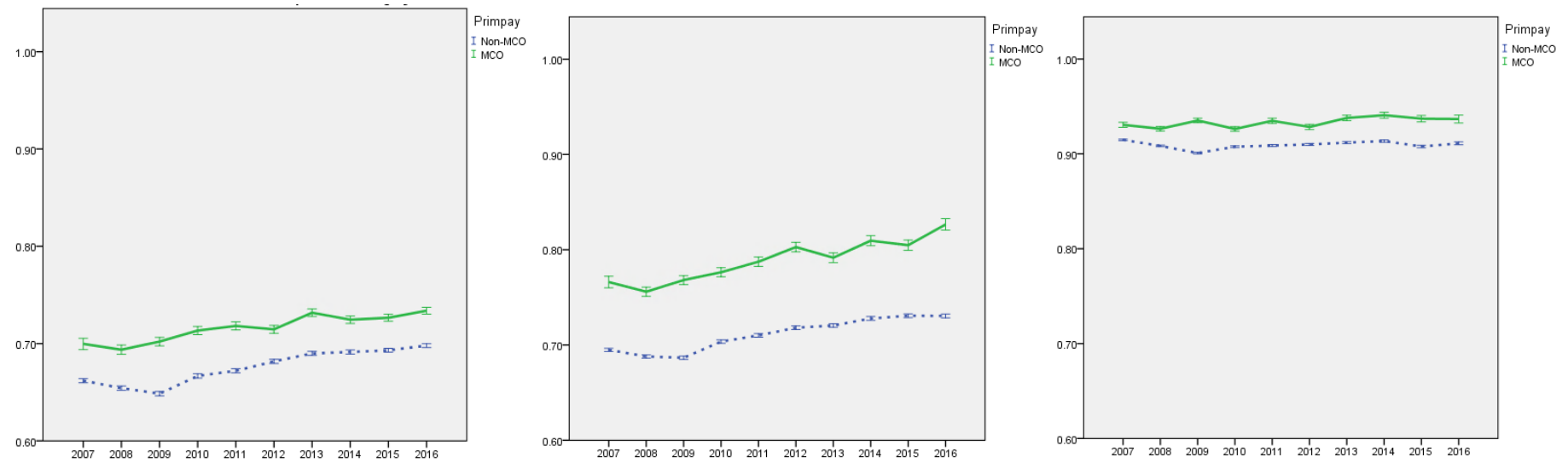|	FIM Admission	LOS	FIM GAIN	LOS Efficiency	ReturnCommunity
MA(=1)	0.59 (0.05)***	0.05 (0.02)**	-0.06 (0.08)	0.01 (0.01)	0.02 (0.002)***
FIM Admission	NA	-0.04 (0.001)***	-0.48 (0.003)***	-0.05 (0.0005)***	0.003 (0.0001)***
Comorbidity Tier- None					
- Minor	-0.42 (0.04)***	0.63 (0.02)***	-0.55 (0.05)***	-0.30 (0.01)***	-0.02 (0.001)***
- Moderate	-2.08 (0.10)***	1.37 (0.04)***	-3.53 (0.15)***	-0.75 (0.02)***	-0.07 (0.004)***
- Major	-1.64 (0.23)***	1.83 (0.10)***	-5.97 (0.33)***	-1.08 (0.05)***	-0.11 (0.01)***
Age (Years)	-0.20 (0.002)***	0.05 (0.001)***	-0.25 (0.004)***	-0.05 (0.0006)***	-0.003 (0.0001)***
Gender (Female=1)	0.61 (0.03)***	0.11 (0.01)***	0.90 (0.05)***	0.03 (0.01)***	0.01 (0.001)***
Hispanic (=1)	0.04 (0.08)	0.19 (0.04)***	-0.44 (0.12)***	-0.18 (0.02)***	0.01 (0.003)***
Black (=1)	-0.20 (0.06)***	0.62 (0.03)***	-1.04 (0.09)***	-0.33 (0.01)***	-0.01 (0.002)***
Marital Status - Married					
- Never Married	-0.02 (0.06)	0.63 (0.03)***	0.30 (0.09)***	-0.21 (0.01)***	-0.05 (0.002)***
- Widowed	-0.03 (0.03)	0.49 (0.01)***	0.38 (0.05)***	-0.15 (0.01)***	-0.04 (0.001)***
- Missing	0.38 (0.12)***	0.29 (0.05)***	0.14 (0.18)	-0.06 (0.03)**	-0.03 (0.005)***
Alternative Payment Source (=1)	0.59 (0.05)***	0.09 (0.02)***	0.64 (0.07)***	0.01 (0.01)	-0.002 (0.002)
No. of Certified Beds	-0.01 (0.0005)***	0.0002 (0.0002)	-0.004 (0.001)***	-0.00005 (0.0001)	-0.0001 (0.00002)***
Facility type - Freestand	-2.43 (0.04)***	-0.11 (0.02)***	5.02 (0.06)***	0.53 (0.01)***	0.04 (0.002)***
- Missing	-1.09 (0.12)***	-0.15 (0.05)***	1.97 (0.18)***	0.24 (0.03)***	0.01 (0.005)***
- In-Unit					
No. Obs.	232424	232424	232424	232424	232424
Control for …					
CMG	Y	Y	Y	Y	Y
Region (Region01 default)	Y	Y	Y	Y	Y
Year (2007 default)	Y	Y	Y	Y	Y

Entries are model estimated coefficients with standard error in parenthesis
* 90%, ** 95%, *** 99%
Default groups: TM, CMG 110, 704, 802, Tier-None, male, non-Hispanic, non-black, married, in-hospital facilities
TM: Traditional Medicare, MA: Medicare Advantage, LOS: Length of Stay, FIM: Functional Independence Measure

eTable 2: Insurance Difference With/Without Fixed Effects of Facility Type and Alternative Payment Sources: Elective Conditions

	FIM Admission	LOS	FIM GAIN	LOS Efficiency	ReturnCommunity
Adjusted for …		**Joint Replacement**			
No facility Type or 2nd payer	0.26 (0.05)***	-0.001 (0.02)	-0.37 (0.07)***	0.01 (0.01)	0.02 (0.002)***
No facility Type, with 2nd payer	0.61 (0.05)***	0.05 (0.02)**	-0.10 (0.08)	0.01 (0.01)	0.02 (0.002)***
With facility Type, no 2nd payer	0.27 (0.05)***	-0.001 (0.02)	-0.40 (0.07)***	0.01 (0.01)	0.02 (0.002)***
With facility Type & 2nd payer	0.59 (0.05)***	0.05 (0.02)**	-0.06 (0.08)	0.01 (0.01)	0.02 (0.002)***

Entries are model estimated coefficients on insurance type (MA=1) with standard error in parenthesis
* 90%, ** 95%, *** 99%
Models are adjusted for patient demographics, clinical conditions, facility characteristics, region and year fixed effects
Default groups: TM, CMG 110, 704, 802, Tier-None, male, non-Hispanic, non-black, married, in-hospital facilities
TM: Traditional Medicare, MA: Medicare Advantage, LOS: Length of Stay, FIM: Functional Independence Measure