

**Appendix 3** Definition and assignment of categorical variables

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Variables	Assignment
Gender	female=1, Male=0
Year	2014=1, 2013=0
Pilot	With capitation=1, Without capitation=0
Pilot*Year	Pilot*2014 =1,other=0
Types of medical insurance	Urban residents=1,Urban employees=0
Grade of hospitals	Secondary hospitals=1,other=0 Tertiary hospitals=1,other=0

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