#####################################################################################

generate colon\_pre\_dummy=0

generate heart\_pre\_dummy=0

gen diabeties\_pre\_dummy=0

gen obesity\_pre\_dummy=0

gen osteo\_pre\_dummy=0

gen strokehyp\_pre\_dummy=0

gen foodborn\_pre\_dummy=0

gen infant\_disease\_pre\_dummy=0

replace colon\_pre\_dummy =1 if (Total\_Fat\_entry<=78 & SatFat\_entry<=22 & Total\_Fiber\_entry>=25 & fv\_entry>=5 & pre\_q07>=4 & pre\_q09>=4)

replace diabeties\_pre\_dummy =1 if (Total\_Fiber\_entry>=25 & Food\_Energy\_entry<=2300 & Carbohydrates\_entry<=358 & pre\_q07>=4 & pre\_q09>=4)

replace heart\_pre\_dummy =1 if (Total\_Fat\_entry<=78 & SatFat\_entry<=22 & Total\_Fiber\_entry>=25 & fv\_entry>=5 & pre\_q08>=4 & pre\_q09>=4)

replace obesity\_pre\_dummy = 1 if (Total\_Fat\_entry<=86 & fv\_entry>=5 & Total\_Fiber\_entry>=25 & SatFat\_entry<=24 & Food\_Energy\_entry<=2300 & pre\_q07>=4 & pre\_q09>=4)

replace strokehyp\_pre\_dummy = 1 if (fv\_entry>=5 & Calcium\_entry>=1000 & pre\_q08>=4 & pre\_q09>=4)

replace osteo\_pre\_dummy = 1 if (Calcium\_entry>=1000 & Diary\_entry>=3 & pre\_q07>=4)

replace foodborn\_pre\_dummy = 1 if (pre\_q05<=2 & pre\_q06<=2)

replace infant\_disease\_pre\_dummy = 1 if(pre\_q07>=4)

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**Pregnant and Nursing Criteria (PRE)**

replace colon\_pre\_dummy =1 if (Total\_Fat\_entry<=101 & SatFat\_entry<=29 & Total\_Fiber\_entry>=28 & fv\_entry>=5 & pre\_q07>=4 & pre\_q09>=4)

replace diabeties\_pre\_dummy =1 if (Total\_Fiber\_entry>=28 & Food\_Energy\_entry<=2500 & Carbohydrates\_entry<=423 & pre\_q07>=4 & pre\_q09>=4)

replace heart\_pre\_dummy =1 if (Total\_Fat\_entry<=101 & SatFat\_entry<=29 & Total\_Fiber\_entry>=28 & fv\_entry>=5 & pre\_q08>=4 & pre\_q09>=4)

replace obesity\_pre\_dummy = 1 if (Total\_Fat\_entry<=101 & fv\_entry>=5 & Total\_Fiber\_entry>=28 & SatFat\_entry<=29 & Food\_Energy\_entry<=2500 & pre\_q07>=4 & pre\_q09>=4)

replace strokehyp\_pre\_dummy = 1 if (fv\_entry>=5 & Calcium\_entry>=1000 & pre\_q08>=4 & pre\_q09>=4)

replace osteo\_pre\_dummy = 1 if (Calcium\_entry>=1000 & Diary\_entry>=3 & pre\_q07>=4)

replace foodborn\_pre\_dummy = 1 if (pre\_q05<=2 & pre\_q06<=2)

replace infant\_disease\_pre\_dummy = 1 if(pre\_q07>=4)

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generate colon\_post\_dummy=0

generate heart\_post\_dummy=0

gen diabeties\_post\_dummy=0

gen obesity\_post\_dummy=0

gen osteo\_post\_dummy=0

gen strokehyp\_post\_dummy=0

gen foodborn\_post\_dummy=0

gen infant\_disease\_post\_dummy=0

replace colon\_post\_dummy =1 if (Total\_Fat\_exit<=78 & SatFat\_exit<=22 & Total\_Fiber\_exit>=25 & fv\_exit>=5 & post\_q07>=4 & post\_q09>=4)

replace diabeties\_post\_dummy =1 if (Total\_Fiber\_exit>=25 & Food\_Energy\_exit<=2300 & Carbohydrates\_exit<=358 & post\_q07>=4 & post\_q09>=4)

replace heart\_post\_dummy =1 if (Total\_Fat\_exit<=78 & SatFat\_exit<=22 & Total\_Fiber\_exit>=25 & fv\_exit>=5 & post\_q08>=4 & post\_q09>=4)

replace obesity\_post\_dummy = 1 if (Carbohydrates\_exit<=325 & fv\_exit>=5 & Total\_Fiber\_exit>=25 & SatFat\_exit<=22 & Total\_Fat\_exit<=78 & post\_q07>=4 & post\_q09>=4)

replace strokehyp\_post\_dummy = 1 if (fv\_exit>=5 & Calcium\_exit>=1000 & post\_q08>=4 & post\_q09>=4)

replace osteo\_post\_dummy = 1 if (Calcium\_exit>=1000 & Dairy\_exit>=3 & post\_q07>=4)

replace foodborn\_post\_dummy = 1 if (post\_q05<=2 & post\_q06<=2)

replace infant\_disease\_post\_dummy = 1 if(post\_q07>=4)

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**Pregnant and Nursing Criteria (POST)**

replace colon\_post\_dummy =1 if (Total\_Fat\_exit<=101 & SatFat\_exit<=29 & Total\_Fiber\_exit>=28 & fv\_exit>=5 & post\_q07>=4 & post\_q09>=4)

replace diabeties\_post\_dummy =1 if (Total\_Fiber\_exit>=28 & Food\_Energy\_exit<=2500 & Carbohydrates\_exit<=423 & post\_q07>=4 & post\_q09>=4)

replace heart\_post\_dummy =1 if (Total\_Fat\_exit<=101 & SatFat\_exit<=29 & Total\_Fiber\_exit>=28 & fv\_exit>=5 & post\_q08>=4 & post\_q09>=4)

replace obesity\_post\_dummy = 1 if (Total\_Fat\_exit<=101 & fv\_exit>=5 & Total\_Fiber\_exit>=28 & SatFat\_exit<=29 & Food\_Energy\_exit<=2500 & post\_q07>=4 & post\_q09>=4)

replace strokehyp\_post\_dummy = 1 if (fv\_exit>=5 & Calcium\_exit>=1000 & post\_q08>=4 & post\_q09>=4)

replace osteo\_post\_dummy = 1 if (Calcium\_exit>=1000 & Dairy\_exit>=3 & post\_q07>=4)

replace foodborn\_post\_dummy = 1 if (post\_q05<=2 & post\_q06<=2)

replace infant\_disease\_post\_dummy = 1 if(post\_q07>=4)

##################################################################################

generate colon\_change\_dummy=0

generate heart\_change\_dummy=0

gen diabeties\_change\_dummy=0

gen obesity\_change\_dummy=0

gen osteo\_change\_dummy=0

gen strokehyp\_change\_dummy=0

gen foodborn\_change\_dummy=0

gen infant\_disease\_change\_dummy=0

#################################################################################

replace colon\_change\_dummy=1 if (colon\_pre\_dummy == 0 & colon\_post\_dummy == 1)

replace heart\_change\_dummy=1 if (heart\_pre\_dummy==0 & heart\_post\_dummy==1)

replace diabeties\_change\_dummy=1 if (diabeties\_pre\_dummy==0 & diabeties\_post\_dummy==1)

replace obesity\_change\_dummy=1 if (obesity\_pre\_dummy==0 & obesity\_post\_dummy==1)

replace osteo\_change\_dummy=1 if (osteo\_pre\_dummy==0 & osteo\_post\_dummy==1)

replace strokehyp\_change\_dummy=1 if (strokehyp\_pre\_dummy==0 & strokehyp\_post\_dummy==1)

replace foodborn\_change\_dummy=1 if (foodborn\_pre\_dummy==0 & foodborn\_post\_dummy==1)

replace infant\_disease\_change\_dummy=1 if (infant\_disease\_pre\_dummy==0 & infant\_disease\_post\_dummy==1)

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tab colon\_change\_dummy

tab heart\_change\_dummy

tab diabeties\_change\_dummy

tab obesity\_change\_dummy

tab osteo\_change\_dummy

tab strokehyp\_change\_dummy

tab foodborn\_change\_dummy

tab infant\_disease\_change\_dummy