Costs of Chronic Conditions with Comorbid Depression

Supplemental Table 1

Reanalysis Using Both Natural and Log 10 Units for Cost.   Values in Cells are F ratios for the

interaction terms.   Statistically significant effects are indicated with asterisks.

Condition	Natural Unites	Log Units
Coronary Heart Disease	1.14	4.56
Diabetes	6.57***	1.39
Asthma	.77 =.46	.79 =.45
Arthritis	1.88	10.92***
COPD	2.47	.90
High Cholesterol	.679	8.62***
Cancer	10.36***	4.09*
Stroke	.62	1.33

***   p<-001
**   p<.01
*   p<.01

Supplemental Table 2

Reanalysis of Interaction Effects Using Both Natural and Log 10 Units for Cost Without

Adjustment for PCS. Values in Cells are F ratios for the interaction terms.   Statistically

significant effects are indicated with asterisks

Condition	Natural Unites	Log Units
Coronary Heart Disease	2.31	1.72
• Diabetes	9.68***	.691
Asthma	1.02	.39
Arthritis	7.40***	4.68**
COPD	1.63	.27
High Cholesterol	2.63	2.49
Cancer	15.66***	.45
Stroke	1.32	.57

***   p<-001
**   p<.01
*   p<.01

Supplemental Table 3:

Summary of Multiple Regression for Depression by Chronic Condition with Mental

Health (SF-12 MCS Score) as a Continuous Variable and with Adjustment for SF-12

Physical Health Component Score.

Condition	N DX NoDX*	Condition Effect	MH Effect†	Interaction Effect	PCS‡
Coronary Heart Disease	1,105 20,240	3.56 (<.001)	1.93 (=.054)	.357 (=.72)	-38.13 (<.001)
Diabetes	2,389 18,889	6.90 (.001)	6.68 (.001)	4.53 (=.001)	38.73 (<.001)
Asthma	2,061 19,216	.73 (=.46)	6.68 (<.001)	.75 (=.94)	42.54 (<.001)
Arthritis	5,522 15,754	3.02 (<.001)	5.33(<.001)	2.20 (=.03)	34.08 (<.001)
COPD§	405 20,943	4.83 (<.001)	4.88 (<.001)	3.87 (=.001)	41.88 (<.001)
High Cholesterol	6,460 14813	3.02 (<.001)	4.53 (<.001)	.1.12 (=.92)	38.62 (<.001)
Cancer	1,924 19,351	7.18 (<.001)	6.09 (<.001)	4.13 (<.001)	39.34 (<.001)
Stroke	883 20465	4.88 (<.001)	2.60 =.10)	1.12 (=.224)	38.84 (<.001)

Note for the interpretation of supplemental table 3. The values in the cells are T

statistics yielded by the multiple regression.   These values differ in magnitude from the

F statistics offered in Table 1.   For reference, t is the square root of F.

Supplemental Table 4

Reanalysis of Interaction Effects With Total Expense Values Truncated at $10,000. Values in Cells are F ratios for the interaction terms.   Statistically significant effects are indicated with asterisks

Condition	F statistic for Interaction
Coronary Heart Disease	8.36***
● Diabetes	1.86
Asthma	.85
Arthritis	7.36***
COPD	2.01
High Cholesterol	6.06**
Cancer	6.12**
Stroke	.57

*** p<-001
** p<.01
* p<.01