

# REST Cleaned Codebook

*Alexandra Tillman*

*28 March, 2018*

## 01\_\_screen

N=509

Element #	Variable	Type	Description	Values
1	subject	integer	Subject ID	
2	visit	integer	Visit Number	
3	form	integer	Form Number	
4	over18	integer	18 or older	0 = No   1 = Yes
5	english	integer	English Speaking	0 = No   1 = Yes
6	lifeExpectancy	double	Life expectancy >= 3 weeks	0 = No   1 = Yes
7	caDx	integer	Advanced cancer diagnosis	0 = No   1 = Yes
8	anticoag	integer	Receiving anticoagulant therapy	0 = No   1 = Yes   8 = Unavailable
9	lowPlatelet	integer	Known platelet count of <10,000	0 = No   1 = Yes   8 = Unavailable
10	unstableSpine	integer	Has known unstable spine	0 = No   1 = Yes   8 = Unavailable
11	past4wkMT	double	Massage therapy within 4 weeks	0 = No   1 = Yes
12	modPain	double	Experiencing at least moderate pain	0 = No   1 = Yes
13	eligSPMSQ	double	Eligible base on SPMSQ <5 errors	0 = No   1 = Yes
14	willing	double	Patient agrees to be in study	0 = No   1 = Yes
15	hipaaB	double	Agrees to be in study and signed HIPAA B	0 = No   1 = Yes
16	gender	integer	Gender	1 = Male   2 = Female
17	yesLatinx	double	Hispanic or Latinx origin	0 = No   1 = Yes
18	noLatinx	double	Not of Hispanic or Latinx origin	0 = No   1 = Yes
19	white	double	White race	0 = No   1 = Yes
20	black	double	Black or African American race	0 = No   1 = Yes
21	asian	double	Asian race	0 = No   1 = Yes
22	pacific	double	Native Hawaiian/Pacific Islander race	0 = No   1 = Yes
23	aian	double	American Indian/Alaskan Native race	0 = No   1 = Yes
24	otherRace	double	Other race	0 = No   1 = Yes
25	marital	integer	Marital Status	1 = Married   2 = Committed Relationship   3 = Single, Never Married   4 = Divorced/Separated   5 = Widowed
26	ploc	integer	Patient location	1 = Home   2 = Nursing Home/Skilled Nursing Facility   3 = Hospice Facility   4 = Other

Element #	Variable	Type	Description	Values
27	insurance	integer	Primary payer/insurance source	1 = Medicare   2 = Medicaid   3 = Commercial (private) insurance   4 = Own income, family support   5 = Medically indigent   6 = Other
28	education	integer	Highest education level completed	0 = No Education   1 = Grammar School   2 = High School   3 = College   4 = Postgraduate
29	priCa	integer	Primary active advanced cancer type	1 = Bladder   2 = Brain   3 = Breast   4 = Colorectal   5 = Kidney   6 = Leukemia   7 = Liver   8 = Lung   9 = Lymphoma   11 = Multiple Myeloma   12 = Oropharyngeal   13 = Ovary   14 = Pancreas   15 = Prostate   16 = Skin CA other than melanoma   17 = Stomach   18 = Uterus   19 = Other   20 = Esophageal   21 = Unknown
30	boneMet	double	Bone metastases	0 = No   1 = Yes
31	brainMet	double	Brain metastases	0 = No   1 = Yes
32	liverMet	double	Liver metastases	0 = No   1 = Yes
33	lungMet	double	Lung metastases	0 = No   1 = Yes
34	spinalMet	double	Spinal metastases	0 = No   1 = Yes
35	otherMet	double	Other metastases	0 = No   1 = Yes
36	noMet	double	No known metastases	0 = No   1 = Yes
37	unknownMet	double	Unknown metastases	0 = No   1 = Yes
38	arthritis	integer	Comorbidity: Arthritis	0 = No   1 = Yes
39	addCaDx	integer	Comorbidity: Additional Cancer Diagnosis	0 = No   1 = Yes
40	dvt	integer	Comorbidity: Deep Venous Thrombosis	0 = No   1 = Yes
41	delirium	integer	Comorbidity: Delirium	0 = No   1 = Yes
42	dementia	integer	Comorbidity: Dementia	0 = No   1 = Yes
43	depression	integer	Comorbidity: Depression	0 = No   1 = Yes
44	diabetes	integer	Comorbidity: Diabetes	0 = No   1 = Yes
45	globalDecline	integer	Comorbidity: Global Decline	0 = No   1 = Yes
46	heartDz	integer	Comorbidity: Heart Disease	0 = No   1 = Yes
47	hiv	integer	Comorbidity: HIV/AIDS	0 = No   1 = Yes
48	htn	integer	Comorbidity: Hypertension	0 = No   1 = Yes
49	infection	integer	Comorbidity: Infection	0 = No   1 = Yes
50	renalDz	integer	Comorbidity: Renal Disease	0 = No   1 = Yes
51	liverDz	integer	Comorbidity: Liver Disease	0 = No   1 = Yes
52	lungDz	integer	Comorbidity: Lung Disease	0 = No   1 = Yes
53	neuroDz	integer	Comorbidity: Neurologic Disease	0 = No   1 = Yes
54	pvd	integer	Comorbidity: Peripheral Vascular Disease	0 = No   1 = Yes
55	pressureUlcers	integer	Comorbidity: Pressure Ulcers	0 = No   1 = Yes
56	pe	integer	Comorbidity: Pulmonary Embolus	0 = No   1 = Yes
57	stroke	integer	Comorbidity: Stroke	0 = No   1 = Yes

Element #	Variable	Type	Description	Values
58	otherDz	integer	Comorbidity: Other Disease	0 = No   1 = Yes
59	pastMT	integer	Received professional massage therapy in past	0 = No   1 = Yes   8 = Don't Know
60	recentMT	integer	Most recent massage therapy session	1 = Within the past 4 weeks   2 = 5-12 weeks ago   3 = >12 weeks ago   4 = Don't Know   9 = N/A
61	painPastWk	double	Experienced pain, discomfort, or soreness at rest or with movement now or in past week	0 = No   1 = Yes
62	painNow	integer	Pain intensity now	0 = No Pain   10 = Pain as bad as you can imagine
63	painWorst24	integer	Worst pain over past 24 hours	0 = No Pain   10 = Pain as bad as you can imagine
64	painLeast24	integer	Least pain over past 24 hours	0 = No Pain   10 = Pain as bad as you can imagine
65	painWorstWk	integer	Worst pain over past week	0 = No Pain   10 = Pain as bad as you can imagine
66	painLeastWk	integer	Least pain over past week	0 = No Pain   10 = Pain as bad as you can imagine
67	painGoal	integer	Number patient would like pain to be	0 = No Pain   10 = Pain as bad as you can imagine
68	painBrief	double	Pain change with time: brief	0 = No   1 = Yes
69	painConstant	double	Pain change with time: constant	0 = No   1 = Yes
70	painIntermit	double	Pain change with time: intermittent	0 = No   1 = Yes
71	MTefficacy	integer	How helpful do you believe massage therapy would be for your pain?	1 = Not at all helpful   2 = A little bit helpful   3 = Somewhat helpful   4 = Quite a bit helpful   5 = Very helpful
72	errorSPMSQ	integer	Total number of errors in SPMSQ	
73	eligible	double	Eligible to consent to study	0 = No   1 = Yes
74	site	integer	Hospice Site Number	
75	age	integer	Age (years)	999 = 90 or over
76	yearsCaDx	integer	Years post cancer diagnosis	
77	monthsCaDx	integer	Number of months between cancer diagnosis and hospice enrollment	
78	daysEnrollScreen	integer	Number of days between hospice enrollment to screen date	
79	comorbidity	integer	Number of comorbid conditions [sum of comorbidities: arthritis thru otherDz]	
80	raceSum	integer	Summarized race [priority: 1) other, 2) ai/an, 3) pacific, 4) asian, 5) black, 6) white]	1 = White   2 = Black or African American   3 = Asian   4 = Native Hawaiian/Pacific Islander   5 = American Indian/Alaskan Native   8 = Other
81	compPainIntensity	double	Composite Pain Intensity [mean of pain 1-10 score vars; null if >2 missed]	

Element #	Variable	Type	Description	Values
82	ynBoneSpineMet	integer	Yes or No: Bone or spine metastases? [1 if boneMet or spinalMet = 1]	0 = No   1 = Yes
83	neuroDx	integer	Neurologic diagnosis [1 if any neuro dz var (delirium, dementia, neuroDz, or stroke) = 1]	0 = No   1 = Yes
84	medDx	integer	Medical diagnosis [1 if any med dz var (heartDz, diabetes, hiv, htn, infection, renalDz, liverDz, lungDz, pe) = 1]	
85	vascularDx	integer	Vascular diagnosis [1 if any vascular dz var (dvt, pvd, pressureUlcers) = 1]	0 = No   1 = Yes
86	ynMTefficacy	integer	Participant massage therapy efficacy belief for pain [summary of MTefficacy]	0 = Not at all, a little bit, or somewhat helpful   1 = Quite a bit or very helpful

02\_randomized

N=382

Element #	Variable	Type	Description	Values
1	subject	integer	Subject ID	
2	groupCode	integer	Treatment Group Code	1 = Moving Touch   2 = Non-Moving Touch
3	daysScreenRand	integer	Number of days between form 1 (screening) and randomization [ <i>restF2DateRnd</i> – <i>restF1DATE</i> ]	
4	daysOrgEnrollRand	integer	Number of days between hospice organization enrollment and randomization [ <i>restF2DateRnd</i> – <i>restF1Enrolldt</i> ]	

### 03\_nps

N=348; Visit 1 only

Element #	Variable	Type	Description	Values
1	subject	integer	Subject ID	
2	visit	integer	Visit Number	
3	form	integer	Form Number	
4	ploc	integer	Patient location	1 = Home   2 = Nursing Home/Skilled Nursing Facility   3 = Hospice Facility   4 = Other
5	npsIntense	integer	How intense is your pain?	0 = No pain   10 = The most intense pain sensation imaginable
6	npsSharp	integer	How sharp is your pain? (sharp = like a knife, spike, jabbing, jolts)	0 = Not sharp   10 = The most sharp sensation imaginable (“like a knife”)
7	npsHot	integer	How hot is your pain? (hot = burning, on fire)	0 = Not hot   10 = The most hot sensation imaginable (“on fire”)
8	npsDull	integer	How dull is your pain? (dull = like a toothache, aching, like a bruise)	0 = Not dull   10 = The most dull sensation imaginable
9	npsCold	integer	How cold is your pain? (cold = like ice, freezing)	0 = Not cold   10 = The most cold sensation imaginable (“freezing”)
10	npsSens	integer	How sensitive is your pain to light touch or clothing? (sensitive = sunburn, raw)	0 = Not sensitive   10 = The most sensitive sensation imaginable (“raw skin”)
11	npsItch	integer	How itchy is your pain? (itchy = like poison oak, mosquito bite)	0 = Not itchy   10 = The most itchy sensation imaginable (“like poison oak”)
12	npsTime	integer	What is the time quality of your pain?	1 = Background pain all times w/ occ. breakthrough pain sometimes   2 = Single type of pain all times   3 = Single type of pain sometimes. Other times pain-free
13	npsUnpleas	integer	Overall, how unpleasant is your pain? (very unpleasant = miserable, intolerable)	0 = Not unpleasant   10 = The most unpleasant sensation imaginable (“intolerable”)
14	npsDeep	integer	How intense is your deep pain?	0 = No deep pain   10 = The most intense deep pain sensation imaginable
15	npsSurface	integer	How intense is your surface pain?	0 = No surface pain   10 = The most intense surface pain sensation imaginable
16	qualityPain	double	Neuropathic Pain Score [Mean of npsSharp thru npsItch; null if >3 missed]	
17	globalPain	double	Global Neuropathic Pain Score [Mean of npsIntense and npsUnpleas; null if >0 missed]	
18	ynNeuroPain	integer	Neuropathic Pain Average Greater than 3 [1 if qualityPain > 3]	0 = No   1 = Yes
19	daysRandNPS	integer	Number of days between NPS (Form 3) and randomization [ <i>restF3Date</i> – <i>restF2DateRnd</i> ]	

## 04\_paineval

N=349; Visits 1-4; 1066 records

Element #	Variable	Type	Description	Values
1	subject	integer	Subject ID	
2	visit	integer	Visit Number	
3	form	integer	Form Number	
4	ploc	integer	Patient location	1 = Home   2 = Nursing Home/Skilled Nursing Facility   3 = Hospice Facility   4 = Other
5	ynFace	integer	Face pain	0 = No   1 = Yes
6	lvFace	integer	Face pain level	0 = No Pain   10 = Pain as bad as it could be
7	ynChest	integer	Chest pain	0 = No   1 = Yes
8	lvChest	integer	Chest pain level	0 = No Pain   10 = Pain as bad as it could be
9	ynArmUpR	integer	Upper arm - R (front and back) pain	0 = No   1 = Yes
10	lvArmUpR	integer	Upper arm - R (front and back) pain Level	0 = No Pain   10 = Pain as bad as it could be
11	ynArmUpL	integer	Upper arm - L (front and back) pain	0 = No   1 = Yes
12	lvArmUpL	integer	Upper arm - L (front and back) pain Level	0 = No Pain   10 = Pain as bad as it could be
13	ynArmLowR	integer	Lower arm - R (front and back) pain	0 = No   1 = Yes
14	lvArmLowR	integer	Lower arm - R (front and back) pain Level	0 = No Pain   10 = Pain as bad as it could be
15	ynArmLowL	integer	Lower arm - L (front and back) pain	0 = No   1 = Yes
16	lvArmLowL	integer	Lower arm - L (front and back) pain Level	0 = No Pain   10 = Pain as bad as it could be
17	ynPalmR	integer	Palm of Hand - R pain	0 = No   1 = Yes
18	lvPalmR	integer	Palm of Hand - R pain Level	0 = No Pain   10 = Pain as bad as it could be
19	ynPalmL	integer	Palm of Hand - L pain	0 = No   1 = Yes
20	lvPalmL	integer	Palm of Hand - L pain Level	0 = No Pain   10 = Pain as bad as it could be
21	ynAbdomen	integer	Abdomen pain	0 = No   1 = Yes
22	lvAbdomen	integer	Abdomen pain Level	0 = No Pain   10 = Pain as bad as it could be
23	ynLegFrontUpR	integer	Front of Upper Leg - R pain	0 = No   1 = Yes
24	lvLegFrontUpR	integer	Front of Upper Leg - R pain Level	0 = No Pain   10 = Pain as bad as it could be
25	ynLegFrontUpL	integer	Front of Upper Leg - L pain	0 = No   1 = Yes
26	lvLegFrontUpL	integer	Front of Upper Leg - L pain Level	0 = No Pain   10 = Pain as bad as it could be
27	ynLegFrontLowR	integer	Front of Lower Leg - R pain	0 = No   1 = Yes

Element #	Variable	Type	Description	Values
28	lvLegFrontLowR	integer	Front of Lower Leg - R pain Level	0 = No Pain   10 = Pain as bad as it could be
29	ynLegFrontLowL	integer	Front of Lower Leg - L pain	0 = No   1 = Yes
30	lvLegFrontLowL	integer	Front of Lower Leg - L pain Level	0 = No Pain   10 = Pain as bad as it could be
31	ynFootTopR	integer	Top of Foot - R pain	0 = No   1 = Yes
32	lvFootTopR	integer	Top of Foot - R pain Level	0 = No Pain   10 = Pain as bad as it could be
33	ynFootTopL	integer	Top of Foot - L pain	0 = No   1 = Yes
34	lvFootTopL	integer	Top of Foot - L pain Level	0 = No Pain   10 = Pain as bad as it could be
35	ynScalp	integer	Scalp (Back of Head) pain	0 = No   1 = Yes
36	lvScalp	integer	Scalp (Back of Head) pain Level	0 = No Pain   10 = Pain as bad as it could be
37	ynPostCerv	integer	Posterior Cervical pain	0 = No   1 = Yes
38	lvPostCerv	integer	Posterior Cervical pain Level	0 = No Pain   10 = Pain as bad as it could be
39	ynBackUp	integer	Shoulders / Upper Back pain	0 = No   1 = Yes
40	lvBackUp	integer	Shoulders / Upper Back pain Level	0 = No Pain   10 = Pain as bad as it could be
41	ynBackMid	integer	Mid Back pain	0 = No   1 = Yes
42	lvBackMid	integer	Mid Back pain Level	0 = No Pain   10 = Pain as bad as it could be
43	ynBackLow	integer	Lower Back pain	0 = No   1 = Yes
44	lvBackLow	integer	Lower Back pain Level	0 = No Pain   10 = Pain as bad as it could be
45	ynHandBackR	integer	Back of Hand - R pain	0 = No   1 = Yes
46	lvHandBackR	integer	Back of Hand - R pain Level	0 = No Pain   10 = Pain as bad as it could be
47	ynHandBackL	integer	Back of Hand - L pain	0 = No   1 = Yes
48	lvHandBackL	integer	Back of Hand - L pain Level	0 = No Pain   10 = Pain as bad as it could be
49	ynGlutR	integer	Gluteal (Buttocks) - R pain	0 = No   1 = Yes
50	lvGlutR	integer	Gluteal (Buttocks) - R pain Level	0 = No Pain   10 = Pain as bad as it could be
51	ynGlutL	integer	Gluteal (Buttocks) - L pain	0 = No   1 = Yes
52	lvGlutL	integer	Gluteal (Buttocks) - L pain Level	0 = No Pain   10 = Pain as bad as it could be
53	ynLegBackUpR	integer	Back of Upper Leg - R pain	0 = No   1 = Yes
54	lvLegBackUpR	integer	Back of Upper Leg - R pain Level	0 = No Pain   10 = Pain as bad as it could be
55	ynLegBackUpL	integer	Back of Upper Leg - L pain	0 = No   1 = Yes



Element #	Variable	Type	Description	Values
56	lvLegBackUpL	integer	Back of Upper Leg - L pain Level	0 = No Pain   10 = Pain as bad as it could be
57	ynLegBackLowR	integer	Back of Lower Leg - R pain	0 = No   1 = Yes
58	lvLegBackLowR	integer	Back of Lower Leg - R pain Level	0 = No Pain   10 = Pain as bad as it could be
59	ynLegBackLowL	integer	Back of Lower Leg - L pain	0 = No   1 = Yes
60	lvLegBackLowL	integer	Back of Lower Leg - L pain Level	0 = No Pain   10 = Pain as bad as it could be
61	ynFootBottomR	integer	Bottom of Foot - R pain	0 = No   1 = Yes
62	lvFootBottomR	integer	Bottom of Foot - R pain Level	0 = No Pain   10 = Pain as bad as it could be
63	ynFootBottomL	integer	Bottom of Foot - L pain	0 = No   1 = Yes
64	lvFootBottomL	integer	Bottom of Foot - L pain Level	0 = No Pain   10 = Pain as bad as it could be
65	nBodySec	integer	Number of body sections with pain [sum of yn vars]	
66	avgLevel	double	Average pain rating [mean of lv vars]	
67	legPain	integer	Leg pain present [1 if any yn leg vars = 1]	0 = No   1 = Yes
68	armHandPain	integer	Arm or hand pain present [1 if any yn arm/hand vars = 1]	0 = No   1 = Yes
69	footPain	integer	Foot pain present [1 if any yn foot vars = 1]	0 = No   1 = Yes
70	glutPain	integer	Gluteal pain present [1 if any yn glut vars = 1]	0 = No   1 = Yes
71	neckBackPain	integer	Neck or back pain present [1 if any yn neck/back vars = 1]	0 = No   1 = Yes
72	faceScalpPain	integer	Face or scalp pain present [1 if any yn face/scalp vars = 1]	0 = No   1 = Yes
73	abdomenPain	integer	Abdomen pain present [1 if any yn abdomen vars = 1]	0 = No   1 = Yes
74	chestPain	integer	Chest pain present[1 if any yn chest vars = 1]	0 = No   1 = Yes
75	legPainLevel	double	Average leg pain level [mean of lv leg vars; null if >4 missed]	0 = No Pain   10 = Pain as bad as it could be
76	armHandPainLevel	double	Average arm and hand pain level [mean of lv arm/hand vars; null if >4 missed]	0 = No Pain   10 = Pain as bad as it could be
77	footPainLevel	double	Average foot pain level [mean of lv foot vars; null if >2 missed]	0 = No Pain   10 = Pain as bad as it could be
78	glutPainLevel	double	Average gluteal pain level [mean of lv glut vars; null if >1 missed]	0 = No Pain   10 = Pain as bad as it could be
79	neckBackPainLevel	double	Average neck and back pain level [mean of lv neck/back vars; null if >2 missed]	0 = No Pain   10 = Pain as bad as it could be
80	faceScalpPainLevel	double	Average face and scalp pain level [mean of lv face/scalp vars; null if >1 missed]	0 = No Pain   10 = Pain as bad as it could be

Element #	Variable	Type	Description	Values
81	abdomenPainLevel	integer	Average abdomen pain level [=lvAbdomen]	0 = No Pain   10 = Pain as bad as it could be
82	chestPainLevel	integer	Average chest pain level [=lvChest]	0 = No Pain   10 = Pain as bad as it could be
83	daysRandPainEval	integer	Number of days between Pain Evaluation (Form 4) and randomization [restF4Date – restF2DateRnd]	

## 05\_kps

N=349; Visits 1-4; 1066 records

Element #	Variable	Type	Description	Values
1	subject	integer	Subject ID	
2	visit	integer	Visit Number	
3	form	integer	Form Number	
4	ploc	integer	Patient location	1 = Home   2 = Nursing Home/Skilled Nursing Facility   3 = Hospice Facility   4 = Other
5	kps	integer	Karnofsky Performance Scale	0 = Dead   10 = Moribund; fatal processes progressing rapidly   20 = Very sick; hospitalization and active supportive treatment necessary   30 = Severely disabled; hospitalization indicated but death not imminent   40 = Disabled; requires special care and assistance   50 = Requires considerable assistance and frequent medical care   60 = Requires occ. assistance, but able to care for most of own needs   70 = Cares for self. Unable to carry on normal activity or do active work   80 = Normal activity with effort; some signs or symptoms of disease   90 = Able to carry on normal activity; minor signs or symptoms of disease   100 = Normal; no complaints; no evidence of disease
6	daysRandKPS	integer	Number of days between KPS (form 5) and randomization [ $restF2DateRnd - restF5Date$ ]	

## 06\_bpi

N=349; Visits 1-4; 1066 records

Element #	Variable	Type	Description	Values
1	subject	integer	Subject ID	
2	visit	integer	Visit Number	
3	form	integer	Form Number	
4	ploc	integer	Patient location	1 = Home   2 = Nursing Home/Skilled Nursing Facility   3 = Hospice Facility   4 = Other
5	bpiWorstWk	integer	What was your pain at its worst in the last week?	0 = No pain   10 = Pain as bad as you can imagine
6	bpiLeastWk	integer	What was your pain at its least in the last week?	0 = No pain   10 = Pain as bad as you can imagine
7	bpiAvg	integer	What was your pain on average?	0 = No pain   10 = Pain as bad as you can imagine
8	bpiNow	integer	How much pain do you have right now?	0 = No pain   10 = Pain as bad as you can imagine
9	bpiIntGenAct	integer	Pain interference on general activity	0 = Does not interfere   10 = Completely interferes
10	bpiIntMood	integer	Pain interference on mood	0 = Does not interfere   10 = Completely interferes
11	bpiIntWalk	integer	Pain interference on walking ability	0 = Does not interfere   10 = Completely interferes
12	bpiIntWork	integer	Pain interference on normal work (includes work outside the home and housework)	0 = Does not interfere   10 = Completely interferes
13	bpiIntRel	integer	Pain interference on relations with other people	0 = Does not interfere   10 = Completely interferes
14	bpiIntSleep	integer	Pain interference on sleep	0 = Does not interfere   10 = Completely interferes
15	bpiIntEnjoy	integer	Pain interference on enjoyment of life	0 = Does not interfere   10 = Completely interferes
16	bpiMean	double	BPI Mean Pain [bpiWorstWk, bpiLeastWk, bpiAvg, bpiNow; null if >2 missed]	
17	bpiInt	double	BPI Mean Interference [bpiIntGenAct thru bpiIntEnjoy; null if >3 missed]	
18	daysRandBPI	integer	Number of days between BPI (Form 6) and randomization [ <i>restF6Date</i> – <i>restF2DateRnd</i> ]	

## 07\_msas

N=349; Visits 1-4; 1066 records

Element #	Variable	Type	Description	Values
1	subject	integer	Subject ID	
2	visit	integer	Visit Number	
3	form	integer	Form Number	
4	ploc	integer	Patient location	1 = Home   2 = Nursing Home/Skilled Nursing Facility   3 = Hospice Facility   4 = Other
5	msasEnergy	double	Lack of energy present	0 = No   1 = Yes
6	msasEnergyDstrs	integer	Lack of energy distress in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
7	msasApp	double	Lack of appetite present	0 = No   1 = Yes
8	msasAppDstrs	integer	Lack of appetite distress in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
9	msasPain	double	Pain present	0 = No   1 = Yes
10	msasPainDstrs	integer	Pain distress in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
11	msasDryMth	double	Dry mouth present	0 = No   1 = Yes
12	msasDryMthDstrs	integer	Dry mouth distress in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
13	msasWghtLs	double	Weight loss present	0 = No   1 = Yes
14	msasWghtLsDstrs	integer	Weight loss distress in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
15	msasDrwsy	double	Feeling drowsy present	0 = No   1 = Yes
16	msasDrwsyDstrs	integer	Feeling drowsy distress you in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
17	msasSOB	double	Shortness of breath present	0 = No   1 = Yes
18	msasSOBDstrs	integer	Shortness of breath distress in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
19	msasNaus	double	Nausea present	0 = No   1 = Yes
20	msasNausDstrs	integer	Nausea distress in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
21	msasConst	double	Constipation present	0 = No   1 = Yes

Element #	Variable	Type	Description	Values
22	msasConstDstrs	integer	Constipation distress in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
23	msasCough	double	Cough present	0 = No   1 = Yes
24	msasCoughDstrs	integer	Cough distress in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
25	msasSwell	double	Swelling of arms or legs present	0 = No   1 = Yes
26	msasSwellDstrs	integer	Swelling of arms/legs distress in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
27	msasSwllw	double	Difficulty swallowing present	0 = No   1 = Yes
28	msasSwllwDstrs	integer	Difficulty swallowing distress in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
29	msasWorry	double	Worrying present	0 = No   1 = Yes
30	msasWorryDstrs	integer	Worrying distress in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
31	msasSad	double	Feeling sad present	0 = No   1 = Yes
32	msasSadDstrs	integer	Feeling sad distress in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
33	msasNerv	double	Feeling nervous present	0 = No   1 = Yes
34	msasNervDstrs	integer	Feeling nervous distress in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
35	msasIrrit	double	Feeling irritable present	0 = No   1 = Yes
36	msasIrritDstrs	integer	Feeling irritable distress in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
37	msasDiffConc	double	Difficulty concentrating present	0 = No   1 = Yes
38	msasDiffConcDstrs	integer	Difficulty concentrating distress in the past 7 days	1 = Not at all   2 = A little bit   3 = Somewhat   4 = Quite a bit   5 = Very much
39	msasEnergyDstrs4pt	double	Lack of Energy Distress (4pt scale) [msasEnergyDstrs*0.8]	0.8 = Not at all   1.6 = A little bit   2.4 = Somewhat   3.2 = Quite a bit   4 = Very much
40	msasAppDstrs4pt	double	Lack of Appetite Distress (4 pt scale) [msasAppDstrs*0.8]	0.8 = Not at all   1.6 = A little bit   2.4 = Somewhat   3.2 = Quite a bit   4 = Very much

Element #	Variable	Type	Description	Values
41	msasPainDstrs4pt	double	Pain Distress (4 pt scale) [msasPainDstrs*0.8]	0.8 = Not at all   1.6 = A little bit   2.4 = Somewhat   3.2 = Quite a bit   4 = Very much
42	msasDryMthDstrs4pt	double	Dry Mouth Distress (4 pt scale) [msasDryMth*0.8]	0.8 = Not at all   1.6 = A little bit   2.4 = Somewhat   3.2 = Quite a bit   4 = Very much
43	msasWghtLsDstrs4pt	double	Weight Loss Distress (4 pt scale) [msasWghtLs*0.8]	0.8 = Not at all   1.6 = A little bit   2.4 = Somewhat   3.2 = Quite a bit   4 = Very much
44	msasDrwsyDstrs4pt	double	Drowsiness Distress (4 pt scale) [msasDrwsyDstrs*0.8]	0.8 = Not at all   1.6 = A little bit   2.4 = Somewhat   3.2 = Quite a bit   4 = Very much
45	msasSOBDstrs4pt	double	Shortness of Breath Distress (4 pt scale) [msasSOBDstrs*0.8]	0.8 = Not at all   1.6 = A little bit   2.4 = Somewhat   3.2 = Quite a bit   4 = Very much
46	msasNausDstrs4pt	double	Nausea Distress (4 pt scale) [msasNausDstrs*0.8]	0.8 = Not at all   1.6 = A little bit   2.4 = Somewhat   3.2 = Quite a bit   4 = Very much
47	msasConstDstrs4pt	double	Constipation Distress (4 pt scale) [msasConstDstrs*0.8]	0.8 = Not at all   1.6 = A little bit   2.4 = Somewhat   3.2 = Quite a bit   4 = Very much
48	msasCoughDstrs4pt	double	Cough Distress (4 pt scale) [msasCoughDstrs*0.8]	0.8 = Not at all   1.6 = A little bit   2.4 = Somewhat   3.2 = Quite a bit   4 = Very much
49	msasSwellDstrs4pt	double	Swelling of arms/legs Distress (4 pt scale) [msasSwellDstrs*0.8]	0.8 = Not at all   1.6 = A little bit   2.4 = Somewhat   3.2 = Quite a bit   4 = Very much
50	msasSwllwDstrs4pt	double	Difficulty Swallowing Distress (4 pt scale) [msasSwllwDstrs*0.8]	0.8 = Not at all   1.6 = A little bit   2.4 = Somewhat   3.2 = Quite a bit   4 = Very much
51	msasGDI	double	MSAS GDI [Mean Distress of 6 Phys (lack of energy, lack of appetite, pain, feeling drowsy, constipation, dry mouth; null if >3 missing) and 4 Psy Sx (worrying, feeling sad, feeling nervous, feeling irritable; null if >2 missing)]	
52	msasPhysical	double	MSAS Physical Sx Distress [Mean of 10 Phy Sx - lack of energy, lack of appetite, pain, dry mouth, weight loss, feeling drowsy, shortness of breath, nausea, constipation, difficulty concentrating; null if >5 missing]	

Element #	Variable	Type	Description	Values
53	msasPsych	double	MSAS Psych Sx Distress [3 Psy Sx - worrying, feeling sad, feeling nervous; null if >1 missing]	
54	daysRandMSAS	integer	Number of days between MSAS (Form 7) and randomization [ <i>restF7Date</i> – <i>restF2DateRnd</i> ]	



## 08\_mqol

N=349; Visits 1-4; 1066 records

Element #	Variable	Type	Description	Values
1	subject	integer	Subject ID	
2	visit	integer	Visit Number	
3	form	integer	Form Number	
4	ploc	integer	Patient location	1 = Home   2 = Nursing Home/Skilled Nursing Facility   3 = Hospice Facility   4 = Other
5	mqolOverall	integer	Considering all parts of my life, in the past 2 days my QOL has been. . .	0 = Very bad   10 = Excellent
6	mqolPhys	integer	Over the past 2 days, I have felt. . .	0 = Physically Terrible   10 = Physically Well
7	mqolExtPurpose	integer	My life has been. . .	0 = Utterly meaningless and without purpose   10 = Very purposeful and meaningful
8	mqolExtGoals	integer	In my whole life, I felt that in achieving life goals I have. . .	0 = Made no progress whatsoever   10 = Progressed to complete fulfillment
9	mqolExtWorth	integer	In my whole life, I felt that my life to this point has been. . .	0 = Completely worthless   10 = Very worthwhile
10	mqolExtControl	integer	I have felt that I have. . .	0 = No control over life   10 = Complete control over life
11	mqolExtSelf	integer	I have felt good about myself as a person. . .	0 = Completely disagree   10 = Completely agree
12	mqolExtGift	integer	To me, the past two days were. . .	0 = A burden   10 = A gift
13	mqolSupWorld	integer	The world has been. . .	0 = An impersonal, unfeeling place   10 = Caring and responsive to my needs
14	mqolSupFelt	integer	I have felt supported. . .	0 = Not at all   10 = Completely
15	mqolQOLScore	integer	Quality of Life subscore [=mqolOverall]	
16	mqolPWBScore	integer	Physical Well being subscore [=mqolPhys]	
17	mqolExtScore	double	Existential subscore [mean mqolExt vars; null if >2 missed]	
18	mqolSupScore	double	Support subscore [mean of mqolSup Vars; null if either missed]	
19	daysRandMQOL	integer	Number of days between MQOL (form 8) and randomization [restf8Date – restf2DateRnd]	

## 09\_pharmint

N=349; Visits 1-4; 1066 records

Element #	Variable	Type	Description	Values
1	subject	integer	Subject ID	
2	visit	integer	Visit Number	
3	form	integer	Form Number	
4	ploc	integer	Patient location	1 = Home   2 = Nursing Home/Skilled Nursing Facility   3 = Hospice Facility   4 = Other
5	narcCodePO	integer	Codeine - Oral	0 = No   1 = Yes
6	narcCodePODose	integer	Codeine - Oral Dose	
7	narcCodePODoseN	integer	Codeine - Oral Number of Doses in past 24 hrs	
8	narcFentLATD	integer	Fentanyl, long-acting - Transdermal	0 = No   1 = Yes
9	narcFentLATDDose	integer	Fentanyl, long-acting - Transdermal Dose	
10	narcFentLATDDoseN	integer	Fentanyl, long-acting - Transdermal Number of Doses in past 24 hrs	
11	narcFentSAIVIM	integer	Fentanyl, short-acting - IV, IM	0 = No   1 = Yes
12	narcFentSAIVIMDose	integer	Fentanyl, short-acting - IV, IM Dose	
13	narcFentSAIVIMDoseN	integer	Fentanyl, short-acting - IV, IM Number of Doses in past 24 hrs	
14	narcFentSAPO	integer	Fentanyl, short-acting - Oral	0 = No   1 = Yes
15	narcFentSAPODose	integer	Fentanyl, short-acting - Oral Dose	
16	narcFentSAPODoseN	integer	Fentanyl, short-acting - Oral Number of Doses in past 24 hrs	
17	narcHydrPOPR	integer	Hydromorphone - Oral, Rectal	0 = No   1 = Yes
18	narcHydrPOPRDose	double	Hydromorphone - Oral, Rectal Dose	
19	narcHydrPOPRDoseN	integer	Hydromorphone - Oral, Rectal Number of Doses in past 24 hrs	
20	narcHydrIVIMSQ	integer	Hydromorphone - IV, IM, SQ	0 = No   1 = Yes
21	narcHydrIVIMSQDose	double	Hydromorphone - IV, IM, SQ Dose	
22	narcHydrIVIMSQDoseN	integer	Hydromorphone - IV, IM, SQ Number of Doses in past 24 hrs	
23	narcLevoPO	integer	Levorphanol - Oral	0 = No   1 = Yes
24	narcLevoPODose	logical	Levorphanol - Oral Dose	
25	narcLevoPODoseN	logical	Levorphanol - Oral Number of Doses in past 24 hrs	
26	narcMepePO	integer	Meperidine - Oral	0 = No   1 = Yes
27	narcMepePODose	integer	Meperidine - Oral Dose	
28	narcMepePODoseN	integer	Meperidine - Oral Number of Doses in past 24 hrs	
29	narcMepeIVIMSQ	integer	Meperidine - IV, IM, SQ	0 = No   1 = Yes
30	narcMepeIVIMSQDose	logical	Meperidine - IV, IM, SQ Dose	
31	narcMepeIVIMSQDoseN	logical	Meperidine - IV, IM, SQ Number of Doses in past 24 hrs	

Element #	Variable	Type	Description	Values
32	narcMethPO	integer	Methadone - Oral	0 = No   1 = Yes
33	narcMethPODose	integer	Methadone - Oral Dose	
34	narcMethPODoseN	double	Methadone - Oral Number of Doses in past 24 hrs	
35	narcMorpLAOPR	integer	Morphine, long-acting - Oral, Rectal	0 = No   1 = Yes
36	narcMorpLAOPRDose	integer	Morphine, long-acting - Oral, Rectal Dose	
37	narcMorpLAOPRDoseN	integer	Morphine, long-acting - Oral, Rectal Number of Doses in past 24 hrs	
38	narcMorpSAPO	integer	Morphine, short-acting - Oral, Rectal	0 = No   1 = Yes
39	narcMorpSAPODose	double	Morphine, short-acting - Oral, Rectal Dose	
40	narcMorpSAPODoseN	integer	Morphine, short-acting - Oral, Rectal Number of Doses in past 24 hrs	
41	narcMorpSAIVIMSQ	integer	Morphine, short-acting - IV, IM, SQ	0 = No   1 = Yes
42	narcMorpSAIVIMSQDose	integer	Morphine, short-acting - IV, IM, SQ Dose	
43	narcMorpSAIVIMSQDoseN	integer	Morphine, short-acting - IV, IM, SQ Number of Doses in past 24 hrs	
44	narcOxycLAPO	integer	Oxycodone, long-acting - Oral	0 = No   1 = Yes
45	narcOxycLAPODose	integer	Oxycodone, long-acting - Oral Dose	
46	narcOxycLAPODoseN	integer	Oxycodone, long-acting - Oral Number of Doses in past 24 hrs	
47	narcOxycSAPO	integer	Oxycodone, short-acting - Oral	0 = No   1 = Yes
48	narcOxycSAPODose	double	Oxycodone, short-acting - Oral Dose	
49	narcOxycSAPODoseN	double	Oxycodone, short-acting - Oral Number of Doses in past 24 hrs	
50	narcPropPO	integer	Propoxyphene	0 = No   1 = Yes
51	narcPropPODose	integer	Propoxyphene Dose	
52	narcPropPODoseN	integer	Propoxyphene Number of Doses in past 24 hrs	
53	narcOthrPOPR	integer	Other Narcotic - Oral, Rectal	0 = No   1 = Yes
54	narcOthrIVIMSQ	integer	Other Narcotic - IV, IM, SQ	0 = No   1 = Yes
55	narcombAcetCode	integer	Acetaminophen/Codeine	0 = No   1 = Yes
56	narcombAcetCodeDose	integer	Acetaminophen/Codeine Dose	1 = Tylenol #2   2 = Tylenol #3   3 = Tylenol #4
57	narcombAcetCodeDoseN	integer	Acetaminophen/Codeine Number of Doses in past 24 hrs	
58	narcombAcetHydr	integer	Acetaminophen/Hydrocodone	0 = No   1 = Yes
59	narcombAcetHydrDose	integer	Acetaminophen/Hydrocodone Dose	1 = 2.5 mg hydrocodone   2 = 5 mg hydrocodone   3 = 7.5 mg hydrocodone   4 = 10 mg hydrocodone
60	narcombAcetHydrDoseN	integer	Acetaminophen/Hydrocodone Number of Doses in past 24 hrs	
61	narcombAcetOxyc	integer	Acetaminophen/Oxycodone	0 = No   1 = Yes
62	narcombAcetOxycDose	integer	Acetaminophen/Oxycodone Dose	
63	narcombAcetOxycDoseN	integer	Acetaminophen/Oxycodone Number of Doses in past 24 hrs	

Element #	Variable	Type	Description	Values
64	narcombAcetProp	integer	Acetaminophen/Propoxyphene	0 = No   1 = Yes
65	narcombAcetPropDose	integer	Acetaminophen/Propoxyphene Dose	1 = 2.5 mg oxycodone   2 = 5 mg oxycodone   3 = 7.5 mg oxycodone   4 = 10 mg oxycodone
66	narcombAcetPropDoseN	integer	Acetaminophen/Propoxyphene Number of Doses in past 24 hrs	
67	narcombASAPerc	integer	Aspirin/Hydrocodone	0 = No   1 = Yes
68	narcombASAPercDose	integer	Aspirin/Hydrocodone Dose	1 = Darvocet N-100   2 = Darvocet N-50
69	narcombASAPercDoseN	integer	Aspirin/Hydrocodone Number of Doses in past 24 hrs	
70	narcombFiot	integer	Fioricet	0 = No   1 = Yes
71	narcombFiotDoseN	logical	Fioricet Number of Doses in past 24 hrs	
72	narcombFiol	integer	Fiorinal	0 = No   1 = Yes
73	narcombFiolDoseN	logical	Fiorinal Number of Doses in past 24 hrs	
74	narcombVico	integer	Ibuprofen/Hydrocodone	0 = No   1 = Yes
75	narcombVicoDoseN	logical	Ibuprofen/Hydrocodone Number of Doses in past 24 hrs	
76	narcombOthr	integer	Other narcotic combination	0 = No   1 = Yes
77	nsaidCele	integer	Celecoxib	0 = No   1 = Yes
78	nsaidCeleDose	integer	Celecoxib Dose	1 = 100 mg   2 = 200 mg   3 = 300 mg
79	nsaidCeleDoseN	integer	Celecoxib Number of Doses in past 24 hrs	
80	nsaidDicl	integer	Diclofenac	0 = No   1 = Yes
81	nsaidDiclDose	logical	Diclofenac Dose	1 = 25 mg   2 = 50 mg   3 = 75 mg   4 = 100 mg
82	nsaidDiclDoseN	logical	Diclofenac Number of Doses in past 24 hrs	
83	nsaidDiclMiso	integer	Diclofenac/Misoprostal	0 = No   1 = Yes
84	nsaidDiclMisoDose	logical	Diclofenac/Misoprostal Dose	1 = 50 mg diclofenac   2 = 75 mg diclofenac
85	nsaidDiclMisoDoseN	logical	Diclofenac/Misoprostal Number of Doses in past 24 hrs	
86	nsaidDiff	integer	Diffunisal	0 = No   1 = Yes
87	nsaidDiffDose	logical	Diffunisal Dose	1 = 250 mg   2 = 500 mg
88	nsaidDiffDoseN	logical	Diffunisal Number of Doses in past 24 hrs	
89	nsaidEtod	integer	Etodolac	0 = No   1 = Yes
90	nsaidEtodDose	logical	Etodolac Dose	1 = 200 mg   2 = 300 mg   3 = 400 mg   4 = 500 mg   5 = 600 mg
91	nsaidEtodDoseN	logical	Etodolac Number of Doses in past 24 hrs	
92	nsaidFlur	integer	Flurbiprofen	0 = No   1 = Yes
93	nsaidFlurDose	logical	Flurbiprofen Dose	1 = 50 mg   2 = 100 mg
94	nsaidFlurDoseN	logical	Flurbiprofen Number of Doses in past 24 hrs	
95	nsaidIbup	integer	Ibuprofen	0 = No   1 = Yes

Element #	Variable	Type	Description	Values
96	nsaidIbupDose	integer	Ibuprofen Dose	1 = 100 mg   2 = 200 mg   3 = 300 mg   4 = 400 mg   5 = 600 mg   6 = 800 mg
97	nsaidIbupDoseN	integer	Ibuprofen Number of Doses in past 24 hrs	
98	nsaidIndo	integer	Indomethacin	0 = No   1 = Yes
99	nsaidIndoDose	integer	Indomethacin Dose	1 = 25 mg   2 = 50 mg   3 = 75 mg
100	nsaidIndoDoseN	integer	Indomethacin Number of Doses in past 24 hrs	
101	nsaidKetop	integer	Ketoprofen	0 = No   1 = Yes
102	nsaidKetopDose	integer	Ketoprofen Dose	1 = 50 mg   2 = 75 mg   3 = 100 mg   4 = 150 mg   5 = 200 mg
103	nsaidKetopDoseN	integer	Ketoprofen Number of Doses in past 24 hrs	
104	nsaidKetor	integer	Ketolorac	0 = No   1 = Yes
105	nsaidKetorDose	logical	Ketolorac Dose	1 = 10 mg   2 = ____ mg
106	nsaidKetorDoseN	logical	Ketolorac Number of Doses in past 24 hrs	
107	nsaidMelo	integer	Meloxicam	0 = No   1 = Yes
108	nsaidMeloDose	integer	Meloxicam Dose	1 = 7.5 mg   2 = 15 mg
109	nsaidMeloDoseN	integer	Meloxicam Number of Doses in past 24 hrs	
110	nsaidNabu	integer	Nabumetone	0 = No   1 = Yes
111	nsaidNabuDose	integer	Nabumetone Dose	1 = 500 mg   2 = 750 mg
112	nsaidNabuDoseN	integer	Nabumetone Number of Doses in past 24 hrs	
113	nsaidNaprx	integer	Naproxen	0 = No   1 = Yes
114	nsaidNaprxDose	integer	Naproxen Dose	1 = 250 mg   2 = 375 mg   3 = 500 mg   4 = 550 mg
115	nsaidNaprxDoseN	integer	Naproxen Number of Doses in past 24 hrs	
116	nsaidOxap	integer	Oxaprozin	0 = No   1 = Yes
117	nsaidOxapDose	logical	Oxaprozin Dose	1 = 600 mg
118	nsaidOxapDoseN	logical	Oxaprozin Number of Doses in past 24 hrs	
119	nsaidPiro	integer	Piroxicam	1 = 10 mg   2 = 20 mg
120	nsaidPiroDose	logical	Piroxicam Dose	
121	nsaidPiroDoseN	logical	Piroxicam Number of Doses in past 24 hrs	
122	nsaidRofe	integer	Rofecoxib	0 = No   1 = Yes
123	nsaidRofeDose	logical	Rofecoxib Dose	1 = 12.5 mg   2 = 25 mg   3 = 50 mg
124	nsaidRofeDoseN	logical	Rofecoxib Number of Doses in past 24 hrs	
125	nsaidSuli	integer	Sulindac	0 = No   1 = Yes
126	nsaidSuliDose	logical	Sulindac Dose	1 = 150 mg   2 = 200 mg
127	nsaidSuliDoseN	logical	Sulindac Number of Doses in past 24 hrs	
128	nsaidTolm	integer	Tolmetin	0 = No   1 = Yes
129	nsaidTolmDose	logical	Tolmetin Dose	1 = 200 mg   2 = 400 mg   3 = 600 mg
130	nsaidTolmDoseN	logical	Tolmetin Number of Doses in past 24 hrs	
131	nsaidVald	integer	Valdecocib	0 = No   1 = Yes
132	nsaidValdDose	logical	Valdecocib Dose	1 = 10 mg   2 = 20 mg
133	nsaidValdDoseN	logical	Valdecocib Number of Doses in past 24 hrs	
134	nsaidOthr	integer	Other NSAID	0 = No   1 = Yes

Element #	Variable	Type	Description	Values
135	mrlxBacl	integer	Baclofen	0 = No   1 = Yes
136	mrlxBaclDose	integer	Baclofen Dose	1 = 10 mg   2 = 20 mg
137	mrlxBaclDoseN	integer	Baclofen Number of Doses in past 24 hrs	
138	mrlxCari	integer	Carisoprodal	0 = No   1 = Yes
139	mrlxCariDose	integer	Carisoprodal Dose	1 = 350 mg
140	mrlxCariDoseN	integer	Carisoprodal Number of Doses in past 24 hrs	
141	mrlxChlo	integer	Chlorzoxazone	0 = No   1 = Yes
142	mrlxChloDose	integer	Chlorzoxazone Dose	1 = 500 mg
143	mrlxChloDoseN	integer	Chlorzoxazone Number of Doses in past 24 hrs	
144	mrlxCycl	integer	Cyclobenzaprine	0 = No   1 = Yes
145	mrlxCyclDose	integer	Cyclobenzaprine Dose	1 = 10 mg
146	mrlxCyclDoseN	double	Cyclobenzaprine Number of Doses in past 24 hrs	
147	mrlxMeta	integer	Metaxalone	0 = No   1 = Yes
148	mrlxMetaDose	integer	Metaxalone Dose	1 = 400 mg   2 = 800 mg
149	mrlxMetaDoseN	integer	Metaxalone Number of Doses in past 24 hrs	
150	mrlxMeth	integer	Methocarbamol	0 = No   1 = Yes
151	mrlxMethDose	logical	Methocarbamol Dose	1 = 400 mg   2 = 750 mg
152	mrlxMethDoseN	logical	Orphenadrine Methocarbamol Number of Doses in past 24 hrs	
153	mrlxOrph	integer	Orphenadrine	0 = No   1 = Yes
154	mrlxOrphDose	logical	Orphenadrine Dose	1 = 50 mg   2 = 100 mg
155	mrlxOrphDoseN	logical	Orphenadrine Number of Doses in past 24 hrs	
156	mrlxTiza	integer	Tizanidine	0 = No   1 = Yes
157	mrlxTizaDose	integer	Tizanidine Dose	1 = 2 mg   2 = 4 mg
158	mrlxTizaDoseN	integer	Tizanidine Number of Doses in past 24 hrs	
159	mrlxOthr	integer	Other Muscle Relaxant	0 = No   1 = Yes
160	analAcet	integer	Acetaminophen	0 = No   1 = Yes
161	analAcetDose	integer	Acetaminophen Dose	1 = 325 mg   2 = 500 mg
162	analAcetDoseN	integer	Acetaminophen Number of Doses in past 24 hrs	
163	analTram	integer	Tramadol	0 = No   1 = Yes
164	analTramDose	integer	Tramadol Dose	1 = 50 mg
165	analTramDoseN	integer	Tramadol Number of Doses in past 24 hrs	
166	analOthr1	integer	Other Analgesic 1	0 = No   1 = Yes
167	analOthr2	integer	Other Analgesic 2	0 = No   1 = Yes
168	adjuAmit	integer	Amitriptyline	0 = No   1 = Yes
169	adjuAmitDose	integer	Amitriptyline Dose	1 = 10 mg   2 = 25 mg   3 = 50 mg   4 = 75 mg   5 = 100 mg   6 = 150 mg
170	adjuAmitDoseN	integer	Amitriptyline Number of Doses in past 24 hrs	
171	adjuCarb	integer	Carbamazepine	0 = No   1 = Yes
172	adjuCarbDose	integer	Carbamazepine Dose	1 = 100 mg   2 = 200 mg   3 = 300 mg
173	adjuCarbDoseN	integer	Carbamazepine Number of Doses in past 24 hrs	
174	adjuDesi	integer	Desipramine	0 = No   1 = Yes

Element #	Variable	Type	Description	Values
175	adjuDesiDose	integer	Desipramine Dose	1 = 10 mg   2 = 25 mg   3 = 50 mg   4 = 75 mg   5 = 100 mg   6 = 150 mg
176	adjuDesiDoseN	integer	Desipramine Number of Doses in past 24 hrs	
177	adjuDext	integer	Dextroamphetamine	0 = No   1 = Yes
178	adjuDextDose	logical	Dextroamphetamine Dose	1 = 5 mg   2 = 10 mg   3 = 15 mg
179	adjuDextDoseN	logical	Dextroamphetamine Number of Doses in past 24 hrs	
180	adjuDoxe	integer	Doxepin	0 = No   1 = Yes
181	adjuDoxeDose	integer	Doxepin Dose	1 = 10 mg   2 = 25 mg   3 = 50 mg   4 = 75 mg   5 = 100 mg   6 = 150 mg
182	adjuDoseDoseN	integer	Doxepin Number of Doses in past 24 hrs	
183	adjuGaba	integer	Gabapentin	0 = No   1 = Yes
184	adjuGabaDose	integer	Gabapentin Dose	1 = 100 mg   2 = 300 mg   3 = 400 mg   4 = 600 mg   5 = 800 mg
185	adjuGabaDoseN	integer	Gabapentin Number of Doses in past 24 hrs	
186	adjuImip	integer	Imipramine	0 = No   1 = Yes
187	adjuImipDose	logical	Imipramine Dose	1 = 10 mg   2 = 25 mg   3 = 50 mg   4 = 75 mg   5 = 100 mg   6 = 150 mg
188	adjuImipDoseN	logical	Imipramine Number of Doses in past 24 hrs	
189	adjuMeth	integer	Methylphenidate	0 = No   1 = Yes
190	adjuMethDose	integer	Methylphenidate Dose	1 = 5 mg   2 = 10 mg   3 = 20 mg
191	adjuMethDoseN	double	Methylphenidate Number of Doses in past 24 hrs	
192	adjuNort	integer	Nortriptyline	0 = No   1 = Yes
193	adjuNortDose	integer	Nortriptyline Dose	1 = 10 mg   2 = 25 mg   3 = 50 mg   4 = 75 mg
194	adjuNortDoseN	integer	Nortriptyline Number of Doses in past 24 hrs	
195	adjuPhen	integer	Phenytoin	0 = No   1 = Yes
196	adjuPhenDose	integer	Phenytoin Dose	1 = 30 mg   2 = 100 mg
197	adjuPhenDoseN	integer	Phenytoin Number of Doses in past 24 hrs	
198	adjuTiag	integer	Tiagabine	0 = No   1 = Yes
199	adjuTiagDose	logical	Tiagabine Dose	1 = 2 mg   2 = 4 mg   3 = 12 mg   4 = 16 mg   5 = 20 mg
200	adjuTiagDoseN	logical	Tiagabine Number of Doses in past 24 hrs	
201	adjuValp	integer	Valproate	0 = No   1 = Yes
202	adjuValpDose	integer	Valproate Dose	1 = 125 mg   2 = 250 mg?   3 = 250 mg??   4 = 500 mg
203	adjuValpDoseN	integer	Valproate Number of Doses in past 24 hrs	
204	adjuOthr	integer	Other Adjuvant Pain Medication	0 = No   1 = Yes
205	anxiAlpr	integer	Alprazolam	0 = No   1 = Yes
206	anxiAlprDose	integer	Alprazolam Dose	1 = 0.25 mg   2 = 0.5 mg   3 = 1 mg   4 = 2 mg
207	anxiAlprDoseN	double	Alprazolam Number of Doses in past 24 hrs	
208	anxiChlo	integer	Chlordiazepoxide	0 = No   1 = Yes

Element #	Variable	Type	Description	Values
209	anxiChloDose	logical	Chlordiazepoxide Dose	1 = 5 mg   2 = 10 mg   3 = 25 mg
210	anxiChloDoseN	logical	Chlordiazepoxide Number of Doses in past 24 hrs	
211	anxiClon	integer	Clonazepam	0 = No   1 = Yes
212	anxiClonDose	integer	Clonazepam Dose	1 = 0.5 mg   2 = 1 mg   3 = 2 mg
213	anxiClonDoseN	integer	Clonazepam Number of Doses in past 24 hrs	
214	anxiClor	integer	Clorazepate	0 = No   1 = Yes
215	anxiClorDose	logical	Clorazepate Dose	1 = 3.75 mg   2 = 7.5 mg   3 = 15 mg
216	anxiClorDoseN	logical	Clorazepate Number of Doses in past 24 hrs	
217	anxiDiaz	integer	Diazepam	0 = No   1 = Yes
218	anxiDiazDose	integer	Diazepam Dose	1 = 2.7 mg   2 = 5 mg   3 = 10 mg
219	anxiDiazDoseN	double	Diazepam Number of Doses in past 24 hrs	
220	anxiLora	integer	Lorazepam	0 = No   1 = Yes
221	anxiLoraDose	integer	Lorazepam Dose	1 = 0.5 mg   2 = 1 mg   3 = 2 mg
222	anxiLoraDoseN	double	Lorazepam Number of Doses in past 24 hrs	
223	anxiOxaz	integer	Oxazepam	0 = No   1 = Yes
224	anxiOxazDose	integer	Oxazepam Dose	1 = 10 mg   2 = 15 mg   3 = 30 mg
225	anxiOxazDoseN	integer	Oxazepam Number of Doses in past 24 hrs	
226	anxiTema	integer	Temazepam	0 = No   1 = Yes
227	anxiTemaDose	integer	Temazepam Dose	1 = 7.5 mg   2 = 15 mg   3 = 30 mg
228	anxiTemaDoseN	integer	Temazepam Number of Doses in past 24 hrs	
229	anxiTria	integer	Triazolam	0 = No   1 = Yes
230	anxiTriaDose	integer	Triazolam Dose	1 = 0.125 mg   2 = 0.25 mg
231	anxiTriaDoseN	integer	Triazolam Number of Doses in past 24 hrs	
232	anxiOthr1	integer	Other Anti-Anxiety/Sleep Medication 1	0 = No   1 = Yes
233	anxiOthr2	integer	Other Anti-Anxiety/Sleep Medication 2	0 = No   1 = Yes
234	sympOthrMed1	integer	Other Medication for Symptom Relief 1	0 = No   1 = Yes
235	sympOthrMed2	integer	Other Medication for Symptom Relief 2	0 = No   1 = Yes
236	sympOthrMed3	integer	Other Medication for Symptom Relief 3	0 = No   1 = Yes
237	sympOthrMed4	integer	Other Medication for Symptom Relief 4	0 = No   1 = Yes
238	sympOthrIntChemo	integer	Chemotherapy	0 = No   1 = Yes
239	sympOthrIntRadia	integer	Radiation Therapy	0 = No   1 = Yes
240	sympOthrInt	integer	Other Intervention to Decrease Symptoms	0 = No   1 = Yes
241	sympOthrZolp	integer	Zolpidem (Ambien)	0 = No   1 = Yes
242	meqCodePO	integer	Morphine Equivalents-Codeine-Oral	(10/20) * (narcCodePODose) * (narcCodePODoseN)
243	meqFentLATD	double	Morphine Equivalents-Fentanyl, Duragesic Patch	(2/3) * (narcFentLATDDose)
244	meqFENTSIVIM	double	Morphine Equivalents-Fentanyl-short acting-IV, IM	0.1 * (narcFentSAIVIMDose) * (narcFentSAIVIMDoseN)
245	meqFENTSAPPO	integer	Morphine Equivalents-Fentanyl-short acting-oral	0.01 * (narcFentSAPODose) * (narcFentSAPODoseN)
246	meqHydrPOPR	double	Morphine Equivalents-Hydromorphone-oral, rectal	(20/3) * (narcHydrPOPRDose) * (narcHydrPOPRDoseN)



Element #	Variable	Type	Description	Values
247	meqHydrIVIMSQ	double	Morphine Equivalents-Hydromorphone-IV,IM,SQ	$(4/3) * (\text{narcHydrIVIMSQDose}) * (\text{narcHydrIVIMSQDoseN})$
248	meqLevoPO	logical	Morphine Equivalents-Levorphanol-Oral	$2.5 * (\text{narcLevoPODose}) * (\text{narcLevoPODoseN})$
249	meqMepePO	double	Morphine Equivalents-Meperidine-oral	$(1/30) * (\text{narcMepePODose}) * (\text{narcMepePODoseN})$
250	meqMepeIVIMSQ	logical	Morphine Equivalents-Meperidine-IV,IM,SQ	$(10/75) * (\text{narcMepeIVIMSQDose}) * (\text{narcMepeIVIMSQDoseN})$
251	meqMethPO	double	Morphine Equivalents-Methadone-Oral	$0.5 * (\text{narcMethPODose}) * (\text{narcMethPODoseN})$
252	meqMorpLAPOPR	double	Morphine Equivalents-Morphine-long acting-Oral, Rectal	$(1/3) * (\text{narcMorpLAPOPRDose}) * (\text{narcMorpLAPOPRDoseN})$
253	meqMorpSAPO	double	Morphine Equivalents-Morphine, short acting-oral	$(1/3) * (\text{narcMorpSAPODose}) * (\text{narcMorpSAPODoseN})$
254	meqMorpSAIVIMSQ	integer	Morphine Equivalents-Morphine-short acting IV, IM, SQ	$1 * (\text{narcMorpSAIVIMSQDose}) * (\text{narcMorpSAIVIMSQDoseN})$
255	meqOxycLAPO	double	Morphine Equivalents-Oxycodone, long acting-oral	$0.5 * (\text{narcOxycLAPODose}) * (\text{narcOxycLAPODoseN})$
256	meqOxycSAPO	double	Morphine Equivalents-Oxycodone, short-acting-oral	$(1/3) * (\text{narcOxycSAPODose}) * (\text{narcOxycSAPODoseN})$
257	meqPropPO	integer	Morphine Equivalents-Propoxyphene-oral	$(10/65) * (\text{narcPropPODose}) * (\text{narcPropPODoseN})$
258	meqAcetCode	double	Morphine Equivalents-Acetaminophen/codeine	$(((\text{narcombAcetCodeDose} * 15) * (\text{narcombAcetCodeDoseN}) + 0.5) * (\text{narcombAcetCodeDoseN}))$
259	meqAcetHydr	double	Morphine Equivalents-Acetaminophen/hydrocodone	$(((\text{narcombAcetHydrDose} * 2.5) * (\text{narcombAcetHydrDoseN}) + 0.8) * (\text{narcombAcetHydrDoseN}))$
260	meqAcetOxyc	double	Morphine Equivalents-Acetaminophen/oxycodone	$(((\text{narcombAcetOxycDose} * 2.5) * (\text{narcombAcetOxycDoseN}) + 0.5) * (\text{narcombAcetOxycDoseN}))$
261	meqAcetProp	double	Morphine Equivalents-Acetaminophen/propoxyphene	If $\text{narcombAcetPropDose} = 1$ then $(((\text{narcombAcetPropDose} * 100) * (\text{narcombAcetPropDoseN}) + 0.5) * (\text{narcombAcetPropDoseN}))$ ; Else if $\text{narcombAcetPropDose} = 2$ then $(((\text{narcombAcetPropDose} * 25) * (\text{narcombAcetPropDoseN}) + 0.5) * (\text{narcombAcetPropDoseN}))$
262	meqASAPer	double	Morphine Equivalents-Aspirin/hydrocodone	$(((\text{narcombASAPercDose} * 2.25) * (\text{narcombASAPercDoseN}) + 0.5) * (\text{narcombASAPercDoseN}))$
263	meqVico	logical	Morphine Equivalents-Ibuprofen/hydrocodone	$51 * \text{narcombVicoDoseN}$

Element #	Variable	Type	Description	Values
264	meqTotal	double	Total Morphine Equivalents in last 24 hours	Sum of all meq* vars
265	C1	double	??	
266	C2	integer	??	
267	C3	double	??	
268	C4	integer	??	
269	C5	double	??	
270	C6	double	??	
271	C7	logical	??	
272	C8	double	??	
273	C9	logical	??	
274	C10	double	??	
275	C11	double	??	
276	C12	double	??	
277	C13	double	??	
278	C14	double	??	
279	C15	double	??	
280	C16	double	??	
281	C17	integer	??	
282	C18	double	??	
283	C19	double	??	
284	C20	integer	??	
285	C21	double	??	
286	C22	logical	??	
287	C23	logical	??	
288	C24	logical	??	
289	C25	integer	??	
290	C26	logical	??	
291	C27	logical	??	
292	C28	logical	??	
293	C29	logical	??	
294	C30	logical	??	
295	C31	double	??	
296	C32	double	??	
297	C33	integer	??	
298	C34	logical	??	
299	C35	double	??	
300	C36	integer	??	
301	C37	double	??	
302	C38	logical	??	
303	C39	logical	??	
304	C40	logical	??	
305	C41	logical	??	
306	C42	logical	??	

Element #	Variable	Type	Description	Values
307	C43	logical	??	
308	C44	double	??	
309	C45	double	??	
310	C46	integer	??	
311	C47	double	??	
312	C48	double	??	
313	C49	logical	??	
314	C50	logical	??	
315	C51	double	??	
316	C52	double	??	
317	C53	integer	??	
318	C54	double	??	
319	C55	double	??	
320	C56	double	??	
321	C57	logical	??	
322	C58	double	??	
323	C59	double	??	
324	C60	logical	??	
325	C61	double	??	
326	C62	integer	??	
327	C63	double	??	
328	C64	logical	??	
329	C65	integer	??	
330	C66	double	??	
331	C67	logical	??	
332	C68	double	??	
333	C69	logical	??	
334	C70	double	??	
335	C71	double	??	
336	C72	double	??	
337	C73	double	??	
338	C74	double	??	
339	totalCost	double	??	
340	daysRandPharmInt	integer	Number of days between Pharmacologic Interventions (form 9) and randomization [restf9Date – rest.f2DateRnd]	

## 10\_nonpharmint

N=349; Visits 1-4; 1066 records

Element #	Variable	Type	Description	Values
1	subject	integer	Subject ID	
2	visit	integer	Visit Number	
3	form	integer	Form Number	
4	ploc	integer	Patient location	1 = Home   2 = Nursing Home/Skilled Nursing Facility   3 = Hospice Facility   4 = Other
5	strat1	integer	Strategy #1	1 = Acupuncture or Acupressure   2 = Aromatherapy   3 = Art Therapy   4 = Biofeedback, Hypnosis, Relaxation, or Guided Imagery   5 = Chiropractic and/or Cranial-Sacral Therapy   6 = Herbs, Supplements, or Homeopathic remedies   7 = Magnetic Therapies   8 = Massage Therapy   9 = Music therapy, Sound Therapy   10 = Occupational Therapy   11 = Pet Therapy   12 = Physical Therapy, Exercise (e.g. Yoga, Tai Chi Chuan)   13 = Psychotherapy or Counseling   14 = Relaxation Therapy   15 = Spiritual Counseling   16 = Therapeutic Touch, Healing Touch, Reiki, Reflexology   99 = ??
6	strat1Time	integer	Strategy #1 By Whom	
7	strat1Whom	integer	Amount of time of session (in min) of Strategy #1	1 = Community Therapist   2 = Faith Community   3 = Family/Friend   4 = Hospice Staff   5 = Volunteer   6 = Other

Element #	Variable	Type	Description	Values
8	strat2	integer	Strategy #2	1 = Acupuncture or Acupressure   2 = Aromatherapy   3 = Art Therapy   4 = Biofeedback, Hypnosis, Relaxation, or Guided Imagery   5 = Chiropractic and/or Cranial-Sacral Therapy   6 = Herbs, Supplements, or Homeopathic remedies   7 = Magnetic Therapies   8 = Massage Therapy   9 = Music therapy, Sound Therapy   10 = Occupational Therapy   11 = Pet Therapy   12 = Physical Therapy, Exercise (e.g. Yoga, Tai Chi Chuan)   13 = Psychotherapy or Counseling   14 = Relaxation Therapy   15 = Spiritual Counseling   16 = Therapeutic Touch, Healing Touch, Reiki, Reflexology   99 = ??
9	strat2Time	integer	Strategy #2 By Whom	1 = Community Therapist   2 = Faith Community   3 = Family/Friend   4 = Hospice Staff   5 = Volunteer   6 = Other
10	strat2Whom	integer	Amount of time of session (in min) of Strategy #2	
11	strat3	integer	Strategy #3	1 = Acupuncture or Acupressure   2 = Aromatherapy   3 = Art Therapy   4 = Biofeedback, Hypnosis, Relaxation, or Guided Imagery   5 = Chiropractic and/or Cranial-Sacral Therapy   6 = Herbs, Supplements, or Homeopathic remedies   7 = Magnetic Therapies   8 = Massage Therapy   9 = Music therapy, Sound Therapy   10 = Occupational Therapy   11 = Pet Therapy   12 = Physical Therapy, Exercise (e.g. Yoga, Tai Chi Chuan)   13 = Psychotherapy or Counseling   14 = Relaxation Therapy   15 = Spiritual Counseling   16 = Therapeutic Touch, Healing Touch, Reiki, Reflexology   99 = ??
12	strat3Time	integer	Strategy #3 By Whom	1 = Community Therapist   2 = Faith Community   3 = Family/Friend   4 = Hospice Staff   5 = Volunteer   6 = Other
13	strat3Whom	integer	Amount of time of session (in min) of Strategy #3	

Element #	Variable	Type	Description	Values
14	strat4	integer	Strategy #4	1 = Acupuncture or Acupressure   2 = Aromatherapy   3 = Art Therapy   4 = Biofeedback, Hypnosis, Relaxation, or Guided Imagery   5 = Chiropractic and/or Cranial-Sacral Therapy   6 = Herbs, Supplements, or Homeopathic remedies   7 = Magnetic Therapies   8 = Massage Therapy   9 = Music therapy, Sound Therapy   10 = Occupational Therapy   11 = Pet Therapy   12 = Physical Therapy, Exercise (e.g. Yoga, Tai Chi Chuan)   13 = Psychotherapy or Counseling   14 = Relaxation Therapy   15 = Spiritual Counseling   16 = Therapeutic Touch, Healing Touch, Reiki, Reflexology   99 = ??
15	strat4Time	integer	Strategy #4 By Whom	1 = Community Therapist   2 = Faith Community   3 = Family/Friend   4 = Hospice Staff   5 = Volunteer   6 = Other
16	strat4Whom	integer	Amount of time of session (in min) of Strategy #4	
17	strat5	integer	Strategy #5	1 = Acupuncture or Acupressure   2 = Aromatherapy   3 = Art Therapy   4 = Biofeedback, Hypnosis, Relaxation, or Guided Imagery   5 = Chiropractic and/or Cranial-Sacral Therapy   6 = Herbs, Supplements, or Homeopathic remedies   7 = Magnetic Therapies   8 = Massage Therapy   9 = Music therapy, Sound Therapy   10 = Occupational Therapy   11 = Pet Therapy   12 = Physical Therapy, Exercise (e.g. Yoga, Tai Chi Chuan)   13 = Psychotherapy or Counseling   14 = Relaxation Therapy   15 = Spiritual Counseling   16 = Therapeutic Touch, Healing Touch, Reiki, Reflexology   99 = ??
18	strat5Time	integer	Strategy #5 By Whom	1 = Community Therapist   2 = Faith Community   3 = Family/Friend   4 = Hospice Staff   5 = Volunteer   6 = Other
19	strat5Whom	integer	Amount of time of session (in min) of Strategy #5	

Element #	Variable	Type	Description	Values
20	strat6	integer	Strategy #6	1 = Acupuncture or Acupressure   2 = Aromatherapy   3 = Art Therapy   4 = Biofeedback, Hypnosis, Relaxation, or Guided Imagery   5 = Chiropractic and/or Cranial-Sacral Therapy   6 = Herbs, Supplements, or Homeopathic remedies   7 = Magnetic Therapies   8 = Massage Therapy   9 = Music therapy, Sound Therapy   10 = Occupational Therapy   11 = Pet Therapy   12 = Physical Therapy, Exercise (e.g. Yoga, Tai Chi Chuan)   13 = Psychotherapy or Counseling   14 = Relaxation Therapy   15 = Spiritual Counseling   16 = Therapeutic Touch, Healing Touch, Reiki, Reflexology   99 = ??
21	strat6Time	integer	Strategy #6 By Whom	1 = Community Therapist   2 = Faith Community   3 = Family/Friend   4 = Hospice Staff   5 = Volunteer   6 = Other
22	strat6Whom	integer	Amount of time of session (in min) of Strategy #6	
23	strat7	integer	Strategy #7	1 = Acupuncture or Acupressure   2 = Aromatherapy   3 = Art Therapy   4 = Biofeedback, Hypnosis, Relaxation, or Guided Imagery   5 = Chiropractic and/or Cranial-Sacral Therapy   6 = Herbs, Supplements, or Homeopathic remedies   7 = Magnetic Therapies   8 = Massage Therapy   9 = Music therapy, Sound Therapy   10 = Occupational Therapy   11 = Pet Therapy   12 = Physical Therapy, Exercise (e.g. Yoga, Tai Chi Chuan)   13 = Psychotherapy or Counseling   14 = Relaxation Therapy   15 = Spiritual Counseling   16 = Therapeutic Touch, Healing Touch, Reiki, Reflexology   99 = ??
24	strat7Time	integer	Strategy #7 By Whom	1 = Community Therapist   2 = Faith Community   3 = Family/Friend   4 = Hospice Staff   5 = Volunteer   6 = Other
25	strat7Whom	integer	Amount of time of session (in min) of Strategy #7	

Element #	Variable	Type	Description	Values
26	hospiceVst1Who	integer	Hospice Visit #1 Discipline	1 = Chaplain   2 = Home Health Aid   3 = Nurse   4 = Physician   5 = Social Worker   6 = Volunteer   7 = Other   8 = Nurse Practitioner or Physician's Assistant
27	hospiceVst1Time	integer	Hospice Visit #1 Length of Time (min)	
28	hospiceVst2Who	integer	Hospice Visit #2 Discipline	1 = Chaplain   2 = Home Health Aid   3 = Nurse   4 = Physician   5 = Social Worker   6 = Volunteer   7 = Other   8 = Nurse Practitioner or Physician's Assistant
29	hospiceVst2Time	integer	Hospice Visit #2 Length of Time (min)	
30	hospiceVst3Who	integer	Hospice Visit #3 Discipline	1 = Chaplain   2 = Home Health Aid   3 = Nurse   4 = Physician   5 = Social Worker   6 = Volunteer   7 = Other   8 = Nurse Practitioner or Physician's Assistant
31	hospiceVst3Time	integer	Hospice Visit #3 Length of Time (min)	
32	hospiceVst4Who	integer	Hospice Visit #4 Discipline	1 = Chaplain   2 = Home Health Aid   3 = Nurse   4 = Physician   5 = Social Worker   6 = Volunteer   7 = Other   8 = Nurse Practitioner or Physician's Assistant
33	hospiceVst4Time	integer	Hospice Visit #4 Length of Time (min)	
34	hospiceVst5Who	integer	Hospice Visit #5 Discipline	1 = Chaplain   2 = Home Health Aid   3 = Nurse   4 = Physician   5 = Social Worker   6 = Volunteer   7 = Other   8 = Nurse Practitioner or Physician's Assistant
35	hospiceVst5Time	integer	Hospice Visit #5 Length of Time (min)	
36	hospiceVst6Who	integer	Hospice Visit #6 Discipline	1 = Chaplain   2 = Home Health Aid   3 = Nurse   4 = Physician   5 = Social Worker   6 = Volunteer   7 = Other   8 = Nurse Practitioner or Physician's Assistant
37	hospiceVst6Time	integer	Hospice Visit #6 Length of Time (min)	
38	F10Q4g1	integer	??	
39	F10Q4g2	integer	??	
40	F10Q4h1	integer	??	
41	F10Q4h2	integer	??	
42	F10q3num	integer	??	
43	F10q3hr	double	??	
44	F10q4num	integer	??	



Element #	Variable	Type	Description	Values
45	F10q4hr	double	??	
46	daysRandNonPharmInt	integer	Number of days between Non-Pharmacologic Interventions (form 10) and randomization [restf10Date – restf2DateRnd]	

## 11\_treatment

N=299; Visits 1-6; 1552 observations

Element #	Variable	Type	Description	Values
1	subject	integer	Subject ID	
2	visit	integer	Visit Number	
3	form	integer	Form Number	
4	ploc	integer	Patient location	1 = Home   2 = Nursing Home/Skilled Nursing Facility   3 = Hospice Facility   4 = Other
5	outsideMT	double	Pt rec'd massage from someone else since last session	0 = No   1 = Yes
6	daysOutsideMTTreat	integer	Number of days between treatment session (form 11) and outside MT date [ $restF11DATE - restF11F11Q3dt$ ]	
7	prepExplain	integer	Explained treatment procedure	0 = Not Completed   1 = Completed
8	mpacBefore	integer	MPAC completed before therapy session	0 = Not Completed   1 = Completed
9	prepAssent	integer	Obtained assent for therapy	0 = Not Completed   1 = Completed
10	prepQuiet	integer	Created quiet environment	0 = Not Completed   1 = Completed
11	prepSupplies	integer	Assembled supplies, if needed	0 = Not Completed   1 = Completed
12	prepPosition	integer	Positioned for comfort and draped, if needed	0 = Not Completed   1 = Completed
13	prepCenter	integer	Centered self or began mental distraction	0 = Not Completed   1 = Completed
14	pulseBefore	integer	Pulse immediately before hands-on portion of session	
15	respBefore	integer	Respirations immediately before hands-on portion of session	
16	timeStart	integer	Time at beginning of hands-on portion of session (24 hour clock)	
17	timeEnd	integer	Time at end of session (24 hour clock)	
18	pulseAfter	integer	Pulse immediately after hands-on portion of session	
19	respAfter	integer	Respirations immediately after hands-on portion of session	
20	mpacAfter	integer	MPAC completed following therapy session	0 = Not Completed   1 = Completed
21	environment	integer	Environment during hands-on portion of session	1 = Very Quiet   2 = Somewhat Quiet   3 = Somewhat Noisy   4 = Very Noisy
22	distractNoise	double	Source of distraction: ambient noise (e.g. overheard paging, alarms, etc.)	0 = No   1 = Yes
23	distractPeople	double	Source of distraction: People present	0 = No   1 = Yes
24	distractPets	double	Source of distraction: Pets present	0 = No   1 = Yes
25	distractRadioMusic	double	Source of distraction: Radio on - music	0 = No   1 = Yes
26	distractRadioTalk	double	Source of distraction: Radio on - talking	0 = No   1 = Yes
27	distractTV	double	Source of distraction: Television on	0 = No   1 = Yes

Element #	Variable	Type	Description	Values
28	distractOther	double	Source of distraction: Other	0 = No   1 = Yes
29	attire	integer	Patient's attire	1 = Fully clothed   2 = Hospital gown   3 = Light clothing (e.g. t-shirt, shorts   4 = Pajamas or nightgown   5 = Underwear only   6 = Undressed
30	positionProne	integer	% of session patient Prone (lying on front or face down)	
31	positionSeated	integer	% of session patient seated	
32	positionSide	integer	% of session patient on side	
33	positionSupine	integer	% of session patient supine (lying on back or face upward)	
34	positionOther	integer	% of session patient in other position	
35	faceTouch	double	Face: touched	0 = No   1 = Yes
36	faceMT	double	Face: touched with moving touch	0 = No   1 = Yes
37	faceTime	integer	Face: Time touched with non-moving touch (min)	
38	chestTouch	double	Chest: touched	0 = No   1 = Yes
39	chestMT	double	Chest: touched with moving touch	0 = No   1 = Yes
40	chestTime	integer	Chest: Time touched with non-moving touch (min)	
41	armUpRTouch	double	Upper Arm - R (front and back): touched	0 = No   1 = Yes
42	armUpRMT	double	Upper Arm - R (front and back): touched with moving touch	0 = No   1 = Yes
43	armUpRTime	integer	Upper Arm - R (front and back): Time touched with non-moving touch (min)	
44	armUpLTouch	double	Upper Arm - L (front and back): touched	0 = No   1 = Yes
45	armUpLMT	double	Upper Arm - L (front and back): touched with moving touch	0 = No   1 = Yes
46	armUpLTime	integer	Upper Arm - L (front and back): Time touched with non-moving touch (min)	
47	armLowRTouch	double	Lower Arm - R (front and back): touched	0 = No   1 = Yes
48	armLowRMT	double	Lower Arm - R (front and back): touched with moving touch	0 = No   1 = Yes
49	armLowRTime	integer	Lower Arm - R (front and back): Time touched with non-moving touch (min)	
50	armLowLTouch	double	Lower Arm - L (front and back): touched	0 = No   1 = Yes
51	armLowLMT	double	Lower Arm - L (front and back): touched with moving touch	0 = No   1 = Yes
52	armLowLTime	integer	Lower Arm - L (front and back): Time touched with non-moving touch (min)	
53	palmRTouch	double	Palm of Hand - R: touched	0 = No   1 = Yes
54	palmRMT	double	Palm of Hand - R: touched with moving touch	0 = No   1 = Yes

Element #	Variable	Type	Description	Values
55	palmRTime	integer	Palm of Hand - R: Time touched with non-moving touch (min)	
56	palmLTouch	double	Palm of Hand - L: touched	0 = No   1 = Yes
57	palmLMT	double	Palm of Hand - L: touched with moving touch	0 = No   1 = Yes
58	palmLTime	integer	Palm of Hand - L: Time touched with non-moving touch (min)	
59	abdomenTouch	double	Abdomen: touched	0 = No   1 = Yes
60	abdomenMT	double	Abdomen: touched with moving touch	0 = No   1 = Yes
61	abdomenTime	integer	Abdomen: Time touched with non-moving touch (min)	
62	legFrontUpRTouch	double	Front of Upper Leg - R: touched	0 = No   1 = Yes
63	legFrontUpRMT	double	Front of Upper Leg - R: touched with moving touch	0 = No   1 = Yes
64	legFrontUpRTime	integer	Front of Upper Leg - R: Time touched with non-moving touch (min)	
65	legFrontUpLTouch	double	Front of Upper Leg - L: touched	0 = No   1 = Yes
66	legFrontUpLMT	double	Front of Upper Leg - L: touched with moving touch	0 = No   1 = Yes
67	legFrontUpLTime	integer	Front of Upper Leg - L: Time touched with non-moving touch (min)	
68	legFrontLowRTouch	double	Front of Lower Leg - R: touched	0 = No   1 = Yes
69	legFrontLowRMT	double	Front of Lower Leg - R: touched with moving touch	0 = No   1 = Yes
70	legFrontLowRTime	integer	Front of Lower Leg - R: Time touched with non-moving touch (min)	
71	legFrontLowLTouch	double	Front of Lower Leg - L: touched	0 = No   1 = Yes
72	legFrontLowLMT	double	Front of Lower Leg - L: touched with moving touch	0 = No   1 = Yes
73	legFrontLowLTime	integer	Front of Lower Leg - L: Time touched with non-moving touch (min)	
74	footTopRTouch	double	Top of Foot - R: touched	0 = No   1 = Yes
75	footTopRMT	double	Top of Foot - R: touched with moving touch	0 = No   1 = Yes
76	footTopRTime	integer	Top of Foot - R: Time touched with non-moving touch (min)	
77	footTopLTouch	double	Top of Foot - L: touched	0 = No   1 = Yes
78	footTopLMT	double	Top of Foot - L: touched with moving touch	0 = No   1 = Yes
79	footTopLTime	integer	Top of Foot - L: Time touched with non-moving touch (min)	
80	scalpTouch	double	Scalp (Back of Head): touched	0 = No   1 = Yes
81	scalpMT	double	Scalp (Back of Head): touched with moving touch	0 = No   1 = Yes

Element #	Variable	Type	Description	Values
82	scalpTime	integer	Scalp (Back of Head): Time touched with non-moving touch (min)	
83	postCervTouch	double	Posterior Cervical (Back of Neck): touched	0 = No   1 = Yes
84	postCervMT	double	Posterior Cervical (Back of Neck): touched with moving touch	0 = No   1 = Yes
85	postCervTime	integer	Posterior Cervical (Back of Neck): Time touched with non-moving touch (min)	
86	backUpTouch	double	Upper Back/Shoulders: touched	0 = No   1 = Yes
87	backUpMT	double	Upper Back/Shoulders: touched with moving touch	0 = No   1 = Yes
88	backUpTime	integer	Upper Back/Shoulders: Time touched with non-moving touch (min)	
89	backMidTouch	double	Mid Back: touched	0 = No   1 = Yes
90	backMidMT	double	Mid Back: touched with moving touch	0 = No   1 = Yes
91	backMidTime	integer	Mid Back: Time touched with non-moving touch (min)	
92	backLowTouch	double	Lower Back: touched	0 = No   1 = Yes
93	backLowMT	double	Lower Back: touched with moving touch	0 = No   1 = Yes
94	backLowTime	integer	Lower Back: Time touched with non-moving touch (min)	
95	handBackRTouch	double	Back of Hand - R: touched	0 = No   1 = Yes
96	handBackRMT	double	Back of Hand - R: touched with moving touch	0 = No   1 = Yes
97	handBackRTime	integer	Back of Hand - R: Time touched with non-moving touch (min)	
98	handBackLTouch	double	Back of Hand - L: touched	0 = No   1 = Yes
99	handBackLMT	double	Back of Hand - L: touched with moving touch	0 = No   1 = Yes
100	handBackLTime	integer	Back of Hand - L: Time touched with non-moving touch (min)	
101	glutRTouch	double	Gluteal (Buttocks) - R: touched	0 = No   1 = Yes
102	glutRMT	double	Gluteal (Buttocks) - R: touched with moving touch	0 = No   1 = Yes
103	glutRTime	integer	Gluteal (Buttocks) - R: Time touched with non-moving touch (min)	
104	glutLTouch	double	Gluteal (Buttocks) - L: touched	0 = No   1 = Yes
105	glutLMT	double	Gluteal (Buttocks) - L: touched with moving touch	0 = No   1 = Yes
106	glutLTime	integer	Gluteal (Buttocks) - L: Time touched with non-moving touch (min)	
107	legBackUpRTouch	double	Back of Upper Leg - R: touched	0 = No   1 = Yes
108	legBackUpRMT	double	Back of Upper Leg - R: touched with moving touch	0 = No   1 = Yes

Element #	Variable	Type	Description	Values
109	legBackUpRTime	integer	Back of Upper Leg - R: Time touched with non-moving touch (min)	
110	legBackUpLTouch	double	Back of Upper Leg - L: touched	0 = No   1 = Yes
111	legBackUpLMT	double	Back of Upper Leg - L: touched with moving touch	0 = No   1 = Yes
112	legBackUpLTime	integer	Back of Upper Leg - L: Time touched with non-moving touch (min)	
113	legBackLowRTouch	double	Back of Lower Leg - R: touched	0 = No   1 = Yes
114	legBackLowRMT	double	Back of Lower Leg - R: touched with moving touch	0 = No   1 = Yes
115	legBackLowRTime	integer	Back of Lower Leg - R: Time touched with non-moving touch (min)	
116	legBackLowLTouch	double	Back of Lower Leg - L: touched	0 = No   1 = Yes
117	legBackLowLMT	double	Back of Lower Leg - L: touched with moving touch	0 = No   1 = Yes
118	legBackLowLTime	integer	Back of Lower Leg - L: Time touched with non-moving touch (min)	
119	footBottomRTouch	double	Bottom of Foot - R: touched	0 = No   1 = Yes
120	footBottomRMT	double	Bottom of Foot - R: touched with moving touch	0 = No   1 = Yes
121	footBottomRTime	integer	Bottom of Foot - R: Time touched with non-moving touch (min)	
122	footBottomLTouch	double	Bottom of Foot - L: touched	0 = No   1 = Yes
123	footBottomLMT	double	Bottom of Foot - L: touched with moving touch	0 = No   1 = Yes
124	footBottomLTime	integer	Bottom of Foot - L: Time touched with non-moving touch (min)	
125	timeMTEff	integer	If moving touch provided, approx. % of time - Effleurage	
126	timeMTPet	integer	If moving touch provided, approx. % of time - Petrissage	
127	timeSession	integer	Time of session (min)	
128	nBodySec	integer	Number of body sections treated [count of -Touch variables that equal 1]	
129	daysRandTreatment	integer	Number of days between treatment session (form 11) and randomization [restf11Date - restf2DateRnd]	

## 12\_mpac

N=299; Visits 1-6 (before and after treatment); 3104 observations

Element #	Variable	Type	Description	Values
1	subject	integer	Subject ID	
2	visit	integer	Visit Number	
3	form	integer	Form Number	
4	prePost	integer	Completion Before or After Session	1 = Pre-session   2 = Post-session
5	mpacPain	integer	Pain intensity right now	0 = Least possible pain   10 = Worst possible pain
6	mpacMood	integer	Mood right now	0 = Worst mood   10 = Best mood
7	daysRandMPAC	integer	Number of days between MPAC (form 12) and randomization [restf12Date – restf2DateRnd]	

### 13\_\_missvst

N=170; Visits 1-6; 342 observations

Element #	Variable	Type	Description	Values
1	subject	integer	Subject ID	
2	visit	integer	Visit Number	
3	ploc	integer	Patient location	1 = Home   2 = Nursing Home/Skilled Nursing Facility   3 = Hospice Facility   4 = Other
4	missReason	integer	Reason for missed vist/session	1 = Patient not in room or at home   2 = Patient refused   3 = Patient unable to participate (too ill, tired, confused)   4 = Family refused to allow patient to participate   5 = Patient died   6 = Other
5	missType	integer	Type of visit missed	1 = Data collection by On-Site Data Collector   2 = Treatment session by MT therapis or Non-MT volunteer
6	noResched	integer	Treatment session unable to be rescheduled, outside of 2 wk window	1 = Unable to resched bc past 2 wk period of treatment sessions   7 = ??
7	daysRandMiss	integer	Number of days between missed visit (form 13) and randomization [restf13DateMiss – restf2DateRnd]	
8	daysMissRsch	integer	Number of days between missed and rescheduled visits [restf13DateMiss – restf13F13Q4b]	



## 14\_sae

N=86; 90 observations

Element #	Variable	Type	Description	Values
1	subject	integer	Subject ID	
2	incNo	integer	Incident Number for Patient	
3	ploc	integer	Patient location	1 = Home   2 = Nursing Home/Skilled Nursing Facility   3 = Hospice Facility   4 = Other
4	reportType	integer	Initial or Follow-Up Report	1 = Initial   2 = Follow-up
5	saeClass	integer	Classification of SAE	1 = Hospitalization/Prolonged Hospitalization   2 = Disability   3 = Serious and/or unexpected reactions   4 = Death   5 = Congenital, anomaly or birth defect   6 = Life-threatening
6	reportable	integer	Reportable to IRB	1 = ??   2 = ??
7	saeWITxTime	integer	SAE within treatment time	1 = ??   2 = ??
8	reasonNotReportable	integer	Reason not reportable	1 = Outside study participation time frame
9	expectedness	integer	Expectedness of SAE	1 = Expected   2 = Unexpected
10	outcome	integer	Outcome of SAE	1 = Resolved   2 = Ongoing   3 = Death
11	causeOfDeath	character	Cause of Death	
12	related	integer	Relationship of SAE to intervention	1 = Not related   2 = Possible   3 = Probable   4 = Definitely
13	saeType	integer	Type of SAE	1 = Fracture   2 = Serious bruising   3 = Embolism   4 = Allergic reaction   5 = Dislodged catheter   6 = Dislocation of joints   7 = Skin tear   8 = Other
14	daysRandSAE	integer	Number of days between randomization and SAE initial report (Form 14) [restf14DateSAE – restf2DateRnd]	
15	daysSAEFU	integer	Number of days between SAE initial report and follow up form [restf14DateSAE – restf14F14Q3b]	
16	daysUntilResolved	integer	Number of days between SAE initial report and SAE resolution [restf14F14Q6b – restf14DateSAE]	
17	daysUntilDeath	integer	Number of days between SAE initial report and death [restF14F14Q6c – rest14DateSAE]	

## 15\_termination

N=167; 167 observations

Element #	Variable	Type	Description	Values
1	subject	integer	Subject ID	
2	ploc	integer	Patient location	1 = Home   2 = Nursing Home/Skilled Nursing Facility   3 = Hospice Facility   4 = Other
3	preTermAlive	double	Pt terminates prematurely from study alive	0 = No   1 = Yes
4	ptRefuse	double	Pt refused to continue participation	0 = No   1 = Yes
5	famRefuse	double	Pt's family requested withdrawal	0 = No   1 = Yes
6	provRefuse	double	Pt's physician/medical caregivers requested withdrawal	0 = No   1 = Yes
7	aeWithdrawal	double	Adverse event requires withdrawal from study	0 = No   1 = Yes
8	cogImpair	double	Pt no longer able to participate due to cognitive impairment	0 = No   1 = Yes
9	dzProgress	double	Pt no longer able to participate due to other symptoms or normal progression of disease	0 = No   1 = Yes
10	dischAliveUnable	double	Pt discharged alive and unable to continue	0 = No   1 = Yes
11	dischAliveUnwilling	double	Pt discharged alive but unwilling to continue	0 = No   1 = Yes
12	died	double	Patient died	0 = No   1 = Yes
13	causeOfDeath	character	Cause of death	
14	reasonOther	double	Other reason specified for premature termination alive	0 = No   1 = Yes
15	daysRandTerm	integer	Number of days between randomization and termination [restf15DateTerm – restf2DateRnd]	
16	daysRandDeath	integer	Number of days between randomization and death [restf15DateDth – restf2DateRnd]	