

**Supplementary Table 6. Statistical comparisons to determine differences between acute and chronic pain groups: categorical variables**

No variables met significance criteria. Multiple comparisons were performed with Fisher's exact test. P values displayed here have not been adjusted. Cramer's V: small: 0.1-0.3; medium: 0.3-0.5; large: >0.5.

Variable	Description	% Complete	P value	Cramer's V
V00CEMPLOY	Current employment (calc)	100.0	2.0E-03	0.35
V00CUREMP	Q45.Currently work for pay (include self employed work for pay; answer Yes if on leave from work, expect to return within 6 months)	100.0	8.7E-03	0.26
V00DISCOMF	Q12.400-meter walk: any discomfort	94.4	1.9E-02	0.25
V00RX30	Q49.MIF: bring in or identify all prescription medications taken, past 30 days	100.0	2.5E-02	0.25
P01OADEGCV	Doctor said you had osteoarthritis/degenerative arthritis in knee (calc)	97.7	2.8E-02	0.24
V00NARCOT	Q50e.Used strong prescription pain medications (e.g., narcotics) for joint pain or arthritis more than half the days of the month, past 30 days	100.0	2.8E-02	0.22
V00PNMEDT	Q51.Take any pain medication today (include both prescription and over-the-counter med	100.0	4.3E-02	0.20
V00FALL	Fallen and landed on floor or ground, past 12 months	99.5	4.4E-02	0.20
V00RXNSAID	MIF: Rx NSAID use indicator (calc)	100.0	5.3E-02	0.20
V00RUBCV	CAM: currently using rubs, lotions, liniments, creams or oils for arthritis or joint pain (calc)	100.0	5.9E-02	0.19
P01OABCKCV	Doctor said you had osteoarthritis/degenerative arthritis in back/neck (calc)	98.1	6.6E-02	0.19
V00PA530	Q31.Get in and out of squatting position 10 or more times during single day, past 30 days	100.0	6.8E-02	0.20
P01KPR12CV	Right knee pain, aching or stiffness: more than half the days of a month, past 12 months (calc)	100.0	7.0E-02	0.19
V00RXANALG	MIF: Rx Analgesic use indicator (calc)	100.0	7.1E-02	0.19
P01LH5CV	Left hand exam: joint 5 (calc)	100.0	7.8E-02	0.18
V00RXCHOND	MIF: Rx Chondroitin sulfate use indicator (calc)	100.0	1.0E-01	0.00
V00RXGLCSM	MIF: Rx Glucosamine use indicator (calc)	100.0	1.0E-01	0.00
V00SAFEWLK	Q12.400-meter walk eligibility: feel it would be safe to try to walk up and down hallway	94.9	1.0E-01	0.00
V00LIVDAM	Charlson Comorbidity: have cirrhosis or serious liver damage	96.7	1.0E-01	0.00
V00CANCER	Charlson Comorbidity: have cancer, other than skin cancer, leukemia or lymphoma	98.1	1.0E-01	0.00
P01BROKRCV	Brother had knee replacement surgery (calc)	99.5	1.0E-01	0.00
V00WLK20T1	Q1.20-meter walk: trial 1 result	99.5	1.0E-01	0.00
V00W20COMP	Q1.400-meter walk eligibility: able to complete trial 1 and trial 2 of the 20-meter walk	99.1	1.0E-01	0.00
V00WLK20T2	Q2.20-meter walk: trial 2 result	99.5	1.0E-01	0.00
V00WORK7	Occupational activities: work (pay/volunteer), past 7 days	100.0	1.1E-01	0.18

V00BONEFX	Doctor ever said you broke or fractured bone after age 45	99.1	1.1E-01	0.17
V00VIT1	Regular Once-A-Day/Centrum/Thera type multiple vitamins, taken past 30 days	99.5	1.1E-01	0.16
P01ARTHOTH	Q10.Doctor ever said you have some other type of arthritis	99.5	1.1E-01	0.16
V00HLTHCOV	Currently have any kind of health care coverage	100.0	1.3E-01	0.16
V00VIT8	Folic acid, folate single vitamin, taken past 30 days	98.1	1.4E-01	0.16
V00SAME	Q50f.Used SAMe (S-adenosylmethionine) for joint pain or arthritis more than half the day	100.0	1.4E-01	0.18
V00HOMECV	CAM: seen homeopathy/ homeopathic treatment practitioner for arthritis or joint pain, past 12 months (calc)	99.5	1.4E-01	0.18
V00HOUACT6	Household activities: caring for another person, past 7 days	100.0	1.4E-01	0.15
V00LUNG	Charlson Comorbidity: have emphysema, chronic bronchitis, or chronic obstructive lung disease (also called COPD)	96.7	1.6E-01	0.15
V00ASTHMA	Charlson Comorbidity: have asthma	97.7	1.6E-01	0.15
P01RAIA	Q1.Doctor ever said you have rheumatoid arthritis or other inflammatory arthritis	97.2	1.7E-01	0.16
P01LH2CV	Left hand exam: joint 2 (calc)	98.6	1.8E-01	0.14
V00HOUACT3	Household activities: home repairs, past 7 days	100.0	1.8E-01	0.14
P01RH5CV	Right hand exam: joint 5 (calc)	100.0	1.9E-01	0.14
V00MARITST	Marital status	100.0	1.9E-01	0.24
V00DIAB	Charlson Comorbidity: have diabetes (high blood sugar)	98.1	2.0E-01	0.15
P01RH1CV	Right hand exam: joint 1 (calc)	99.5	2.1E-01	0.13
V00RXNARC	MIF: Rx Narcotic analgesic use indicator (calc)	100.0	2.1E-01	0.13
V00INCOME2	Yearly income (>50K or <50K) (calc)	97.7	2.1E-01	0.14
P01RASTASV	RA/other inflammatory arthritis diagnosis and medication status, self-report (calc)	100.0	2.4E-01	0.17
P01GOUTCV	Doctor said you had gout (calc)	99.5	2.5E-01	0.13
V00400MCMP	400-meter walk: completion status (calc)	99.1	2.6E-01	0.21
V00COMP10	Q11.400-meter walk: complete full 10 laps	99.1	2.7E-01	0.12
P02RACE	Racial background, self-reported (calc)	99.1	2.8E-01	0.15
V00WLKAID	Q3.20-meter walk: using walking aid such as cane	99.1	2.9E-01	0.13
V00SPNFX	Doctor ever said you fractured spine or vertebrae	99.1	2.9E-01	0.15
V00RXVLCXB	MIF: Rx Valdecoxib use indicator (calc)	100.0	2.9E-01	0.15
V00HRTFAIL	Charlson Comorbidity: ever treated for heart failure	98.1	3.0E-01	0.16
V00FFQ67	Block Brief 2000: glasses of milk, when drink what kind usually drink	100.0	3.0E-01	0.24
P01RH2CV	Right hand exam: joint 2 (calc)	100.0	3.0E-01	0.11
V00VIT9	Calcium or Tums (alone or combined with vitamin D or magnesium), taken past 30 days	98.6	3.1E-01	0.12
P01HPR12CV	Right hip pain, aching or stiffness: more than half the days of a month, past 12 months (calc)	100.0	3.2E-01	0.11
P01RH3CV	Right hand exam: joint 3 (calc)	99.5	3.4E-01	0.10

P01OAHNDCV	Doctor said you had osteoarthritis/ degenerative arthritis in hand/fingers (calc)	99.1	3.6E-01	0.11
P01OAOTHCV	Doctor said you had osteoarthritis/ degenerative arthritis in some other joint (calc)	99.1	3.6E-01	0.11
V00VIT5	Beta-carotene single vitamin, taken past 30 days	98.1	3.7E-01	0.10
P02JBMPCV	Hard bumps on fingers of right hand, left hand or both hands (calc, if=3 used for study eligibility)	100.0	3.7E-01	0.17
V00RXRALOX	MIF: Rx Raloxifene use indicator (calc)	100.0	3.8E-01	0.13
P02STMED	Q23.Participating in any research study that includes taking medications or supplements	100.0	3.8E-01	0.13
P02STMEDCV	Q23a.Told what study medications taken for research study (calc)	100.0	3.8E-01	0.13
P02HISP	Hispanic or Latino, self-reported	100.0	3.8E-01	0.13
V00HR135	Q9.400-meter walk: heart rate exceed 135 bpm during walk	94.4	3.8E-01	0.10
V00HRTAT	Charlson Comorbidity: ever had heart attack	97.7	3.9E-01	0.13
P02PA4	Q14d.Lift or move objects weighing 25 lbs. or more by hand on most days	100.0	4.0E-01	0.10
V00CHIRCV	CAM: seen chiropractic care practitioner for arthritis or joint pain, past 12 months (calc)	99.5	4.0E-01	0.10
V00VITM12	Q61.CAM: use vitamins or minerals, such as selenium or vitamin C or D, for arthritis or joint pain past 12 months	100.0	4.0E-01	0.09
P01CLAU	Q4.Have claustrophobia	99.1	4.0E-01	0.09
V00HERB12	Q62.CAM: use herbs, such as echinacea, ginger or garlic, for arthritis or joint pain, past 12 months	100.0	4.1E-01	0.11
V00HERBCV	CAM: currently using any herbs for arthritis or joint pain (calc)	100.0	4.1E-01	0.11
P02PA1	Q14a.Climb up total of 10 or more flights of stairs on most days	100.0	4.2E-01	0.09
P01LH3CV	Left hand exam: joint 3 (calc)	100.0	4.2E-01	0.08
P01KPL12CV	Left knee pain, aching or stiffness: more than half the days of a month, past 12 months (calc)	100.0	4.2E-01	0.09
P02FAMHXKR	Q15.Mother, father, sister, or brother (blood relative) had knee repl surgery where all/part of knee replaced (used for study eligibility)	99.5	4.4E-01	0.09
P01TJE30CV	TMJ: jaw joint or in front of ear, experienced pain or aching, past 30 days (calc)	100.0	4.5E-01	0.09
V00MEDINS	Have any health insurance plan that pays for all or part of cost of prescription medicines	98.6	4.6E-01	0.08
V00PIPE	Ever smoked pipe, cigars or cigarillos	100.0	4.6E-01	0.08
P01KPNR12	Q15.Right knee pain, aching or stiffness: any, past 12 months	100.0	4.6E-01	0.08
V00HOUACT1	Household activities: light housework, past 7 days	100.0	4.7E-01	0.07
P01TMJE6M	Q45.TMJ: jaw joint or in front of ear, experienced pain or aching, past 6 months	100.0	4.7E-01	0.08
V00MSM	Q50g.Used MSM (methylsulfonylmethane) for joint pain or arthritis more than half the days of the month, past 30 days	100.0	4.8E-01	0.10
V00VIT10	Zinc alone, taken past 30 days	99.1	4.8E-01	0.09
V00PSMOKER	Smoking status for pipe, cigars or cigarillos (calc)	99.5	5.2E-01	0.15
V00BYPLEG	Charlson Comorbidity: had operation to unclog or bypass arteries in legs	99.5	5.3E-01	0.11
V00RXCOX2	MIF: Rx COX-II inhibitor use indicator (calc)	100.0	5.3E-01	0.07

P01TMJF6M	Q46.TMJ: across face or cheek, experienced pain or aching, past 6 months	100.0	5.3E-01	0.07
V00NSAIDS	Q50b.Used nonprescription NSAIDS (e.g., Aspirin, Ibuprofen...) for joint pain or arthritis	100.0	5.3E-01	0.07
P01OTARTCV	Doctor said you had some other type of arthritis (calc)	98.1	5.5E-01	0.13
V00PA330	Q30.Squat 30 minutes or more during single day, past 30 days	99.5	5.5E-01	0.06
V00RXRFCXB	MIF: Rx Rofecoxib use indicator (calc)	100.0	5.6E-01	0.10
P01MOMHRCV	Mother had hip replacement surgery (calc)	99.5	5.6E-01	0.10
P01MOMKRCV	Mother had knee replacement surgery (calc)	99.5	5.6E-01	0.10
V00VITMCV	CAM: currently using vitamins/minerals for arthritis or joint pain (calc)	100.0	5.6E-01	0.07
V00HLTHCAR	Q7a.Where usually go for health care or advice about health care	100.0	5.6E-01	0.18
P01LH1CV	Left hand exam: joint 1 (calc)	100.0	6.0E-01	0.06
V00VIT3	Antioxidant combination type multiple vitamins, taken past 30 days	97.7	6.1E-01	0.06
V00NSAIDRX	Q50c.Used prescription NSAIDS (e.g., Ibuprofen, Diclofenac...) for joint pain or arthritis	100.0	6.1E-01	0.08
V00SPIR12	CAM: do spiritual activities (e.g., prayer, laying on of hands, healing circles, or faith healing) for arthritis or joint pain, past 12 months	100.0	6.1E-01	0.06
V00CSTREP1	Repeated chair stands: trial 1	97.2	6.3E-01	0.15
V00FFQ73	Block Brief 2000: vitamins/minerals, taken regularly (at least once per month), past 12 months	100.0	6.3E-01	0.06
V00DIET12	Q60.CAM: follow special food plan or diet, such as a vegetarian or low-fat diet, for arthritis or joint pain, past 12 months	100.0	6.3E-01	0.05
V00CSTREP2	Repeated chair stands: trial 2	94.9	6.4E-01	0.15
P01SISKRCV	Sister had knee replacement surgery (calc)	99.5	6.5E-01	0.08
V00VIT4	Vitamin A (not beta-carotene) single vitamin, taken past 30 days	98.1	6.5E-01	0.08
V00VIT7	Vitamin E single vitamin, taken past 30 days	99.1	6.7E-01	0.05
V00ACUTCV	CAM: seen acupuncture practitioner for arthritis or joint pain, past 12 months (calc)	99.5	6.7E-01	0.06
V00HOUACT5	Household activities: outdoor gardening, past 7 days	100.0	6.8E-01	0.05
P01HPL12CV	Left hip pain, aching or stiffness: more than half the days of a month, past 12 months (calc)	100.0	6.9E-01	0.04
V00PA130	Q33.Climb up a total of 10 or more flights of stairs during single day, past 30 days (one flight is about 10 steps)	100.0	6.9E-01	0.04
V00CS5	Repeated chair stands: able to complete 5 stands (calc)	99.5	7.1E-01	0.05
V00BISPHOS	Q58.Taken bisphosphonate medication (includes alendronate, risedronate...) to treat osteoporosis or Paget's disease, past 5 years	100.0	7.1E-01	0.05
V00BISPTY	Type of bisphosphonate taken, past 5 years (calc)	100.0	7.1E-01	0.05
V00ULCER	Charlson Comorbidity: have stomach ulcers or peptic ulcer disease	98.6	7.1E-01	0.07
P01TJF30CV	TMJ: across face or cheek, experienced pain or aching, past 30 days (calc)	100.0	7.4E-01	0.05

P02PA2	Q14b.Kneel for 30 minutes or more on most days	100.0	7.6E-01	0.05
V00SPIRCV	CAM: currently do any type of spiritual activities for arthritis or joint pain (calc)	100.0	7.7E-01	0.04
V00YOGACV	CAM: currently do any type of health or special movement activity for arthritis or joint pain (calc)	100.0	7.8E-01	0.06
V00TYLEN	Q50a.Used Tylenol (Acetaminophen) for joint pain or arthritis more than half the days of the month, past 30 days	100.0	7.8E-01	0.04
V00RELA12	Q66.CAM: do relaxation or mind-body activities, such as meditation, deep breathing or visualization, for arthritis or joint pain, past 12 months	100.0	7.8E-01	0.04
V00RELACV	CAM: currently do relaxation or mind-body activities for arthritis or joint pain (calc)	100.0	7.8E-01	0.04
P01LH4CV	Left hand exam: joint 4 (calc)	100.0	7.8E-01	0.04
V00YOGA12	Q65.CAM: do any health or special movement activity, such as Tai Chi, Yoga, Chi Gong or Pilates, for arthritis or joint pain, past 12 months	100.0	7.9E-01	0.04
V00CSTSGL	Single chair stand	99.5	8.0E-01	0.11
V00FFQ5	Block Brief 2000: cereal, which eat most often	98.6	8.2E-01	0.10
P01HPNL12	Q39.Left hip pain, aching or stiffness: any, past 12 months (includes pain in groin and in front and sides of upper thigh)	100.0	8.4E-01	0.03
V00PA430	Q32.Lift or move objects weighing 25 pounds or more by hand during single day, past 30	100.0	8.4E-01	0.03
P02SEX	Gender, male or female	100.0	8.4E-01	0.03
V00HOUACT4	Household activities: lawn work/yard care, past 7 days	100.0	8.4E-01	0.03
V00SMOKER	Smoking status for cigarettes (calc)	99.1	9.7E-01	0.03
V00RXNTRAT	MIF: Rx Nitrate use indicator (calc)	100.0	1.0E+00	0.04
V00CANEUSE	Q10.400-meter walk: use cane	94.4	1.0E+00	0.06
P02PA3	Q14c.Squat or deep knee bend for 30 minutes or more on most days	99.1	1.0E+00	0.01
P02JBMP	Q16.Observe obvious hard bumps on joints closest to fingertips	100.0	1.0E+00	0.01
P01ARTDOC	Q11.Currently seeing doctor or other health care professional for arthritis	100.0	1.0E+00	0.01
P01FAMKR	Q13.Mother, father, sister, or brother (blood relative) had knee replacement surgery for arthritis, where all or part of knee joint replaced	99.5	1.0E+00	0.01
P01HRS	Ever had hip replacement surgery where all or part of joint was replaced	100.0	1.0E+00	0.04
V00VIT11	Iron alone, taken past 30 days	99.1	1.0E+00	0.01
V00VIT12	Selenium alone, taken past 30 days	99.1	1.0E+00	0.02
V00VIT2	Stress-tabs/B-Complex type multiple vitamins, taken past 30 days	100.0	1.0E+00	0.01
V00HANDED	Dominant hand for hand x-ray (calc)	98.1	1.0E+00	0.08
V00OTHCAMC	CAM: currently seeing ayurveda/biofeedback/energy healing/hypnosis/ naturopathy practitioner for arthritis or joint pain (calc)	99.1	1.0E+00	0.08

V00OTHCAM	CAM: seen ayurveda/biofeedback/ energy healing/hypnosis/ naturopathy practitioner for arthritis or joint pain, past 12 months (calc)	99.1	1.0E+00	0.03
V00HOUACT2	Household activities: heavy housework, past 7 days	100.0	1.0E+00	0.00
V00RXACTM	MIF: Rx Acetaminophen use indicator (calc)	100.0	1.0E+00	0.02
V00RXASPRN	MIF: Rx Aspirin use indicator (calc)	100.0	1.0E+00	0.03
V00RXBISPH	MIF: Rx Bisphosphonate use indicator (calc)	100.0	1.0E+00	0.05
V00RXCLCXB	MIF: Rx Celecoxib use indicator (calc)	100.0	1.0E+00	0.05
V00RXOSTRD	MIF: Rx Oral corticosteroid use indicator (calc)	100.0	1.0E+00	0.02
V00RXOTHAN	MIF: Rx Other analgesic use indicator (calc)	100.0	1.0E+00	0.08
V00RXSALIC	MIF: Rx Salicylate use indicator (calc)	100.0	1.0E+00	0.03
V00PA230	Q29.Kneel 30 minutes or more during single day, past 30 days	100.0	1.0E+00	0.02
V00COXIBS	Q50d.Used COXIBS (e.g., Bextra, Celebrex...) for joint pain or arthritis more than half the days of the month, past 30 days	100.0	1.0E+00	0.03
V00CHON	Q52a.Used chondroitin sulfate for joint pain or arthritis, past 6 months	99.5	1.0E+00	0.01
V00GLUC	Q52b.Used glucosamine for joint pain or arthritis, past 6 months	100.0	1.0E+00	0.02
V00CAM12	Q59.CAM: seen someone other than medical doctor or nurse, such as chiropractor or acupuncturist, specifically for arthritis or joint pain, past 12 months	99.5	1.0E+00	0.02
V00ACUSCV	CAM: seen acupressure practitioner for arthritis or joint pain, past 12 months (calc)	99.5	1.0E+00	0.08
V00MASSCV	CAM: seen massage practitioner for arthritis or joint pain, past 12 months (calc)	99.5	1.0E+00	0.03
V00DIETCV	CAM: currently following special food plan or diet for arthritis or joint pain (calc)	100.0	1.0E+00	0.02
V00RUBS12	CAM: used rubs, lotions, liniments, creams or oils, such as tiger balm or horse liniment, for arthritis or joint pain, past 12 months	100.0	1.0E+00	0.00
V00CAPSNCV	CAM: currently using Capsaicin (pepper cream) for arthritis or joint pain (calc)	100.0	1.0E+00	0.08
V00BRAC12	Q64.CAM: worn copper bracelets or used magnets for arthritis or joint pain, past 12 months	100.0	1.0E+00	0.00
V00BRACCV	CAM: currently wear copper bracelets or use magnets for arthritis or joint pain (calc)	100.0	1.0E+00	0.01
P02CNCR3	Q19.Treated for cancer or been told by doctor that you had cancer or malignant tumor, past 3 years	99.5	1.0E+00	0.01
V00STROKE	Charlson Comorbidity: had stroke, cerebrovascular accident, blood clot or bleeding in brain, or transient ischemic attack (TIA)	98.1	1.0E+00	0.05

V00KIDFXN	Charlson Comorbidity: ever had problem with kidneys, poor kidney function (blood tests showed high creatinine)	97.2	1.0E+00	0.08
V00POLYRH	Charlson Comorbidity: have polymyalgia rheumatica	93.5	1.0E+00	0.08
V00SMOKE	Have you smoked at least 100 cigarettes (5 packs) in entire life	99.1	1.0E+00	0.02
V00DRKMORE	Ever drink more beer, wine or liquor than do now	100.0	1.0E+00	0.00
P01OAHIPCV	Doctor said you had osteoarthritis/degenerative arthritis in hip (calc)	98.1	1.0E+00	0.01
P01SISHRCV	Sister had hip replacement surgery (calc)	99.5	1.0E+00	0.08
P01DADKRCV	Father had knee replacement surgery (calc)	99.5	1.0E+00	0.00
P01KPNL12	Q18.Left knee pain, aching or stiffness: any, past 12 months	100.0	1.0E+00	0.00
P01HPNR12	Q38.Right hip pain, aching or stiffness: any, past 12 months (includes pain in groin and in front and sides of upper thigh)	100.0	1.0E+00	0.02
P01RH4CV	Right hand exam: joint 4 (calc)	99.5	1.0E+00	0.00
V00WALKER	Q6.400-meter walk eligibility: use walker or quad cane when walk	98.1	1.0E+00	0.08
V00VIT6	Vitamin C single vitamin, taken past 30 days	99.1	1.0E+00	0.01
V00VIT13	Vitamin D (alone or combined with calcium), taken past 30 days	99.5	1.0E+00	0.02