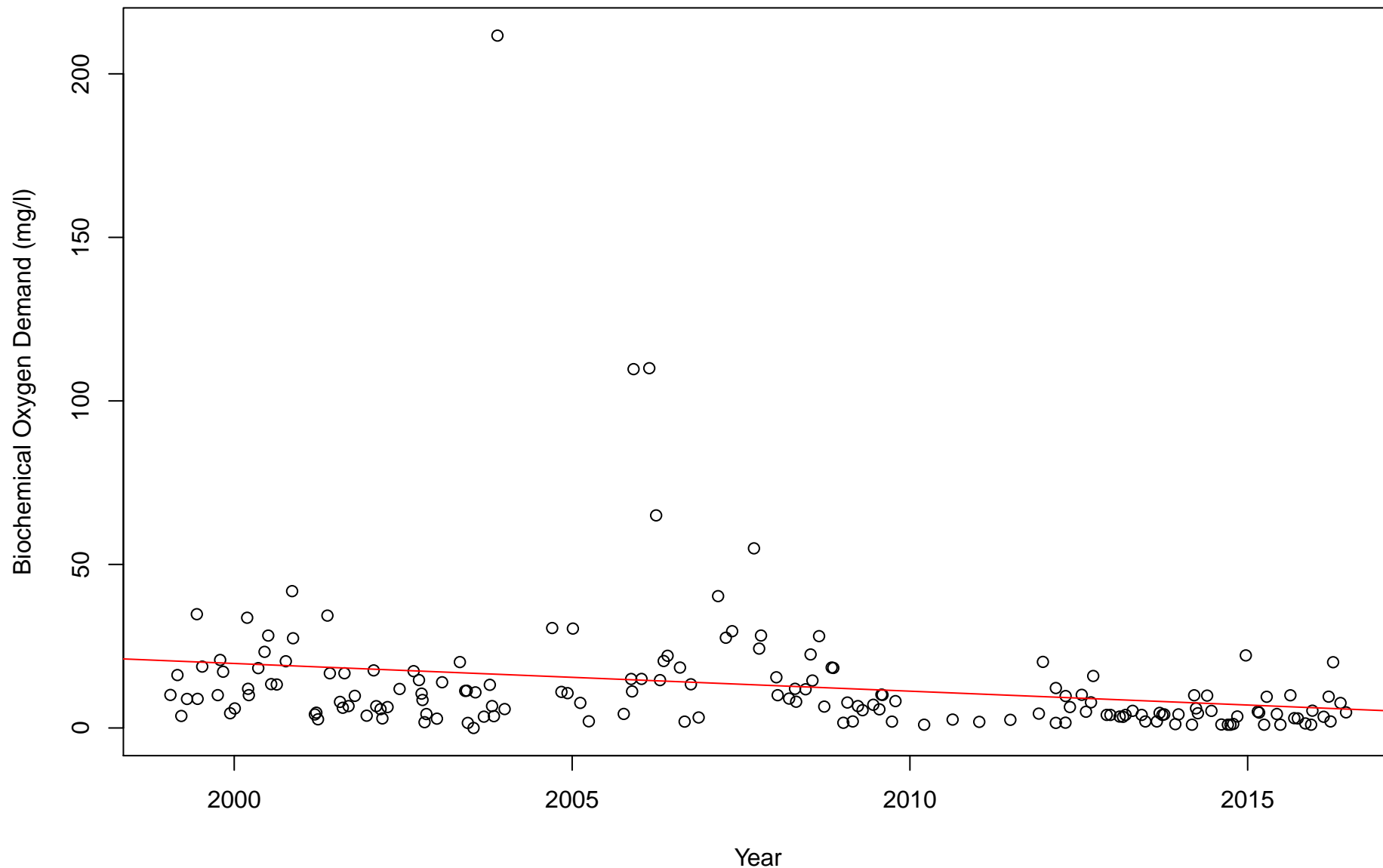
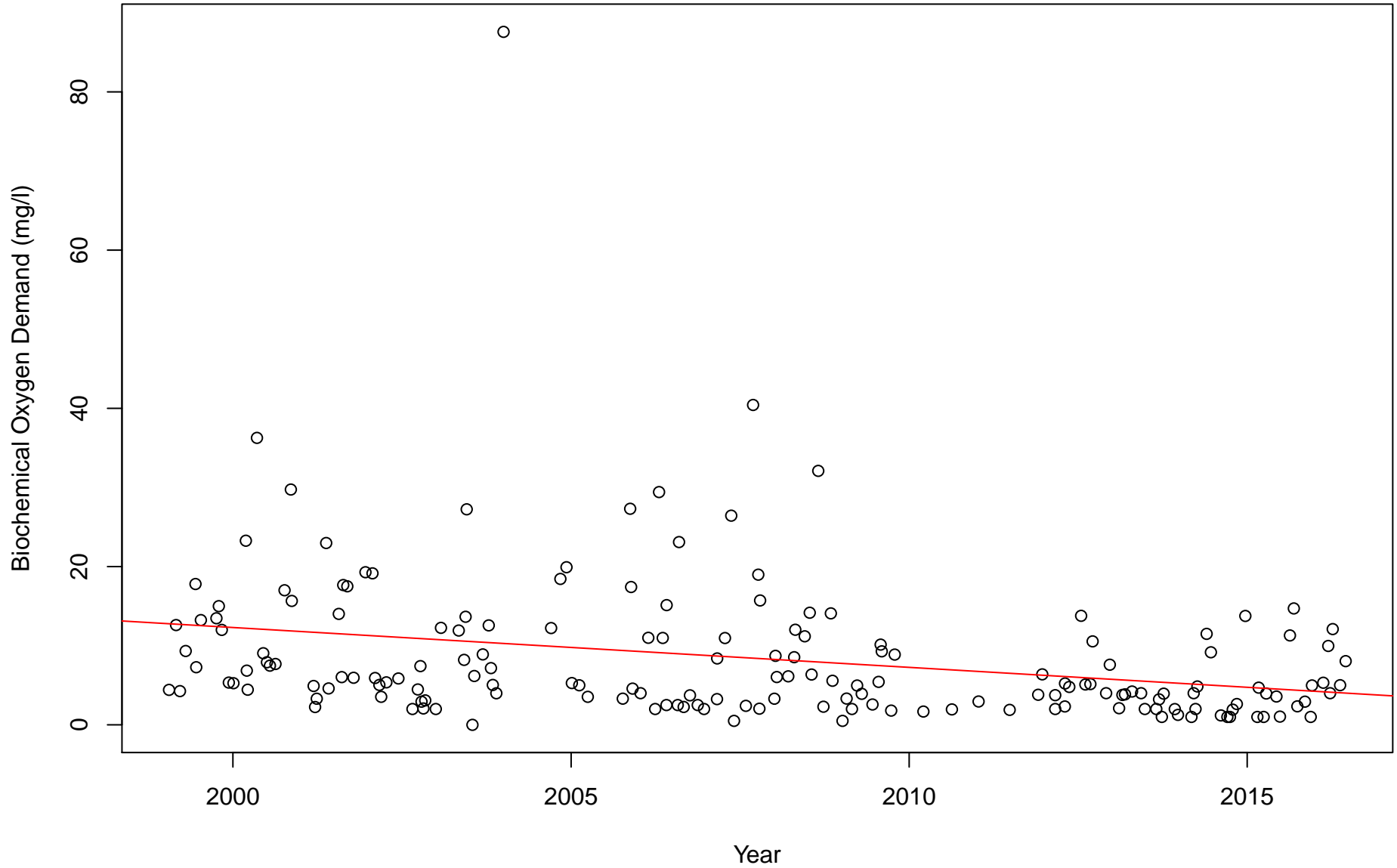


AA94MSI000008

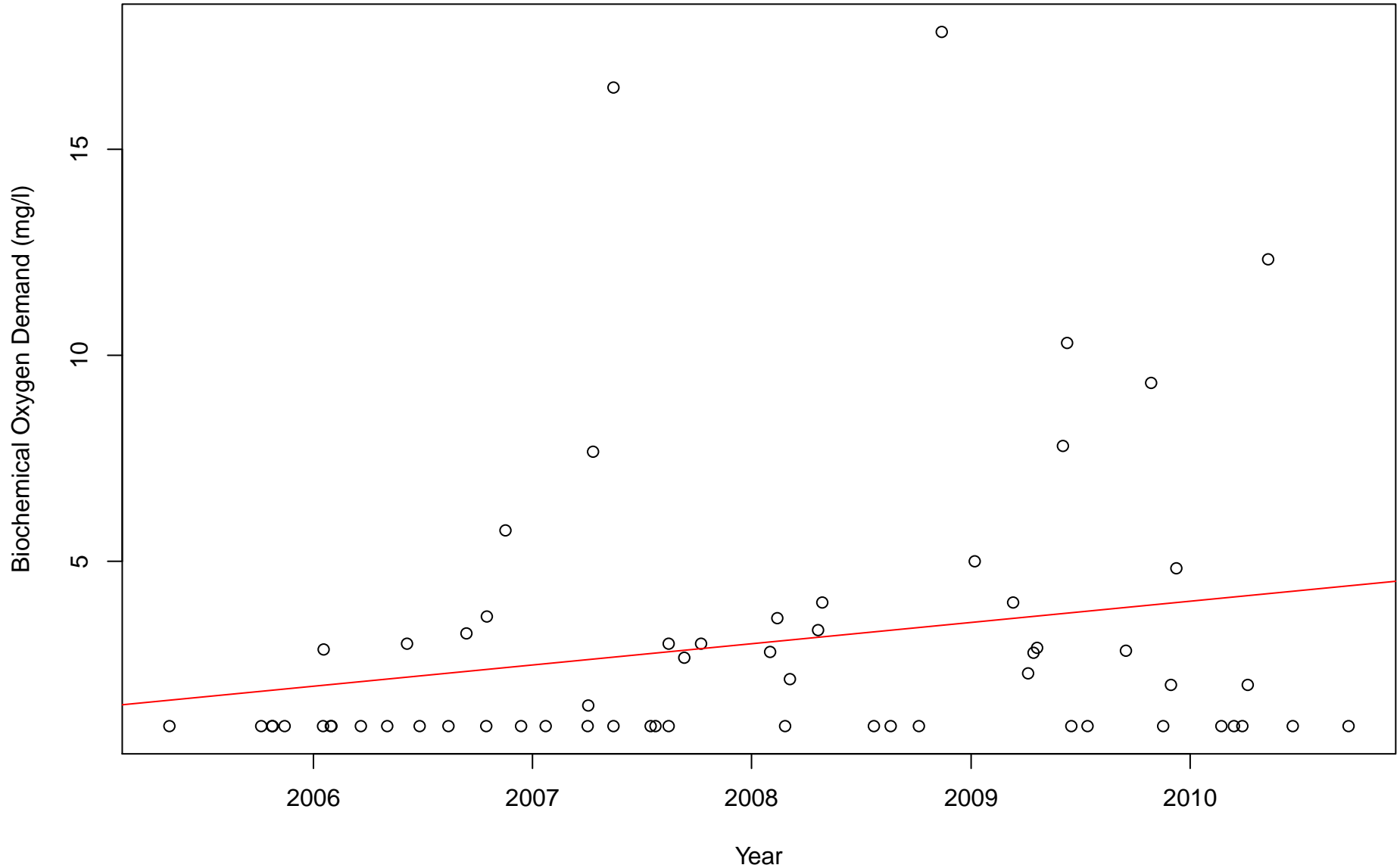


AA94MSI000009



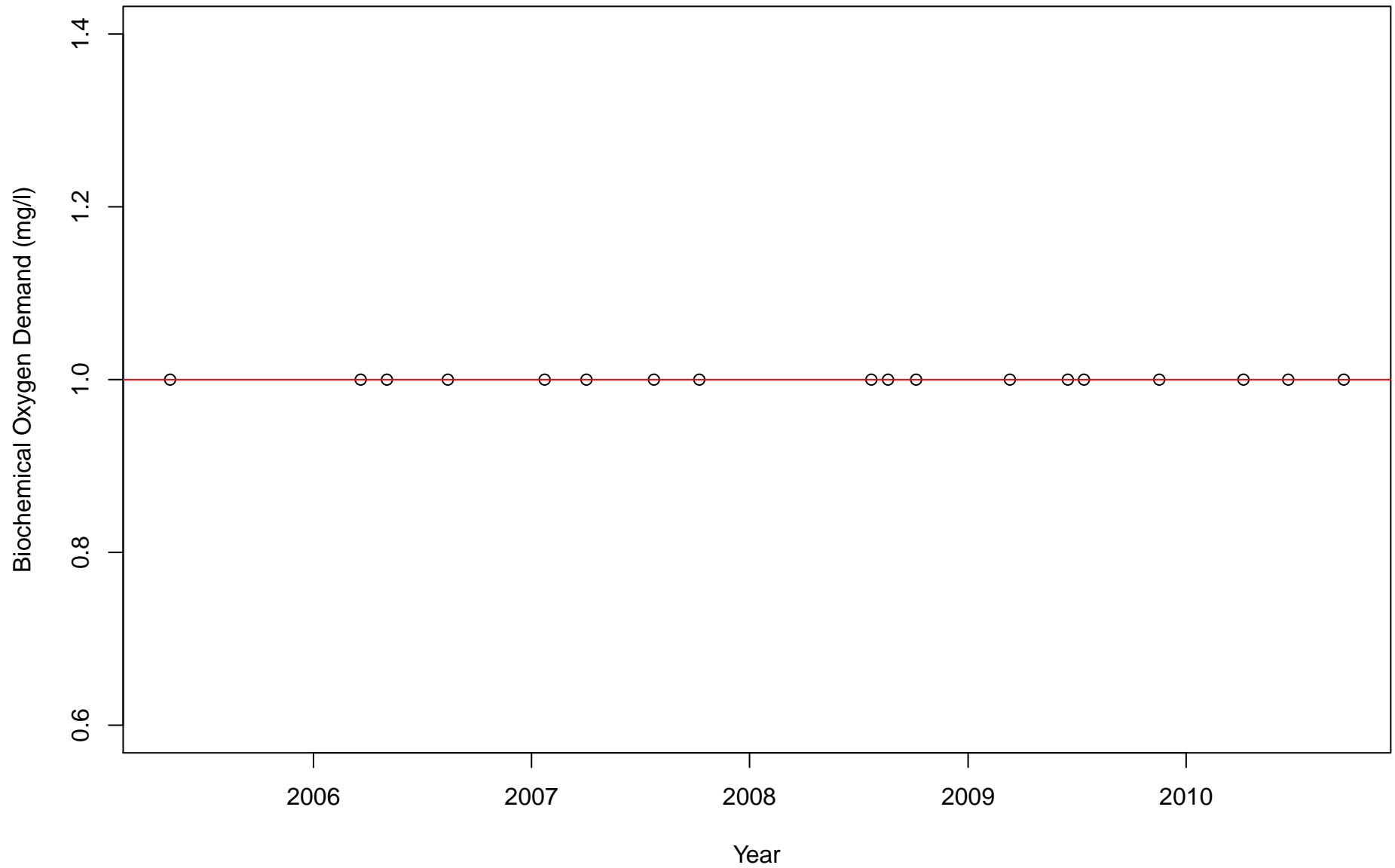
slope = -0.50339446533744 ; p-value = 0.000142461809969079

BA05MSI000SL01



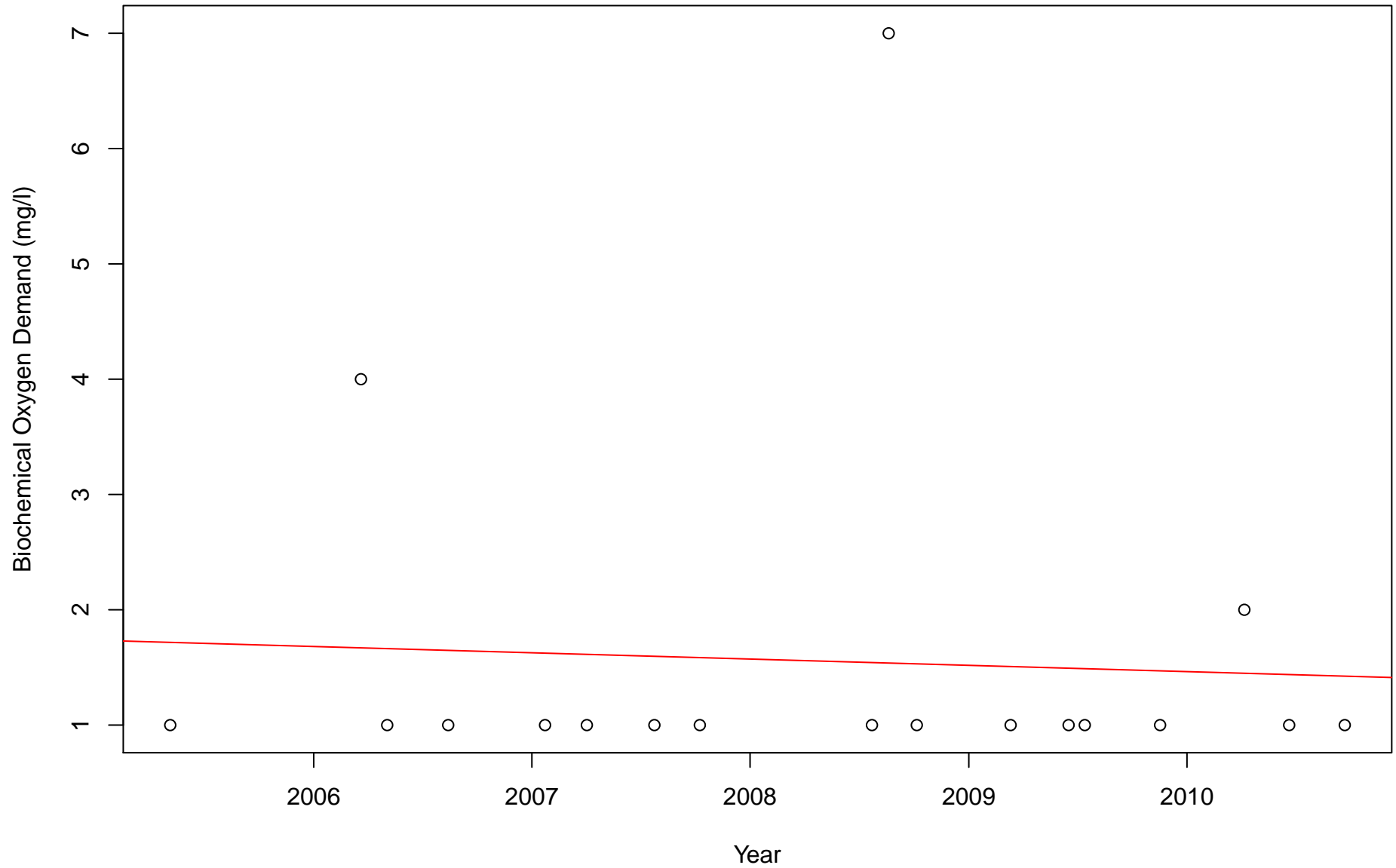
slope = 0.515582258404925; p-value = 0.0889834039872835

BA05MSI000SL02



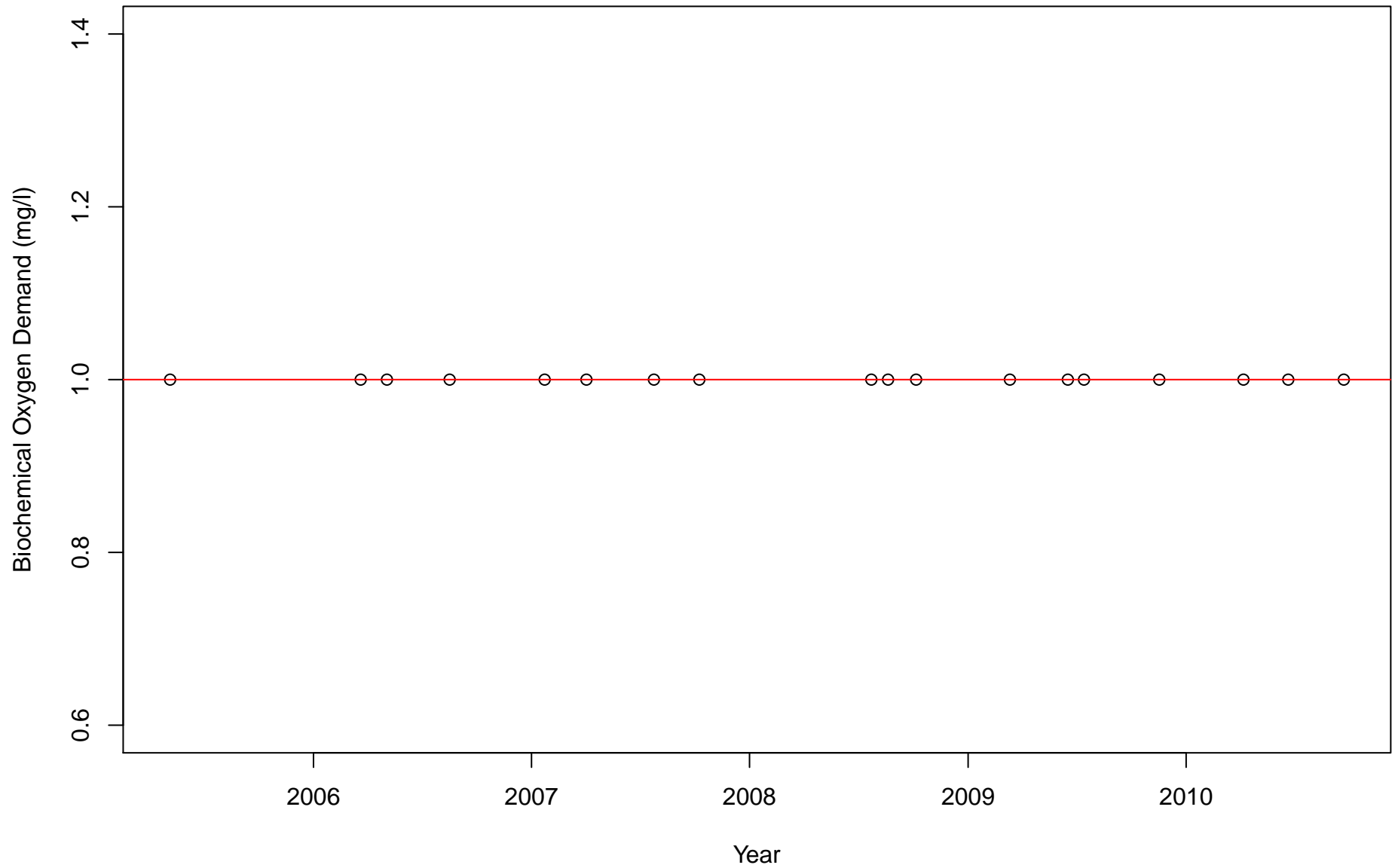
slope = $1.26491164241382 \times 10^{-16}$; p-value = 0.0550119474439018

BA05MSI000SL03



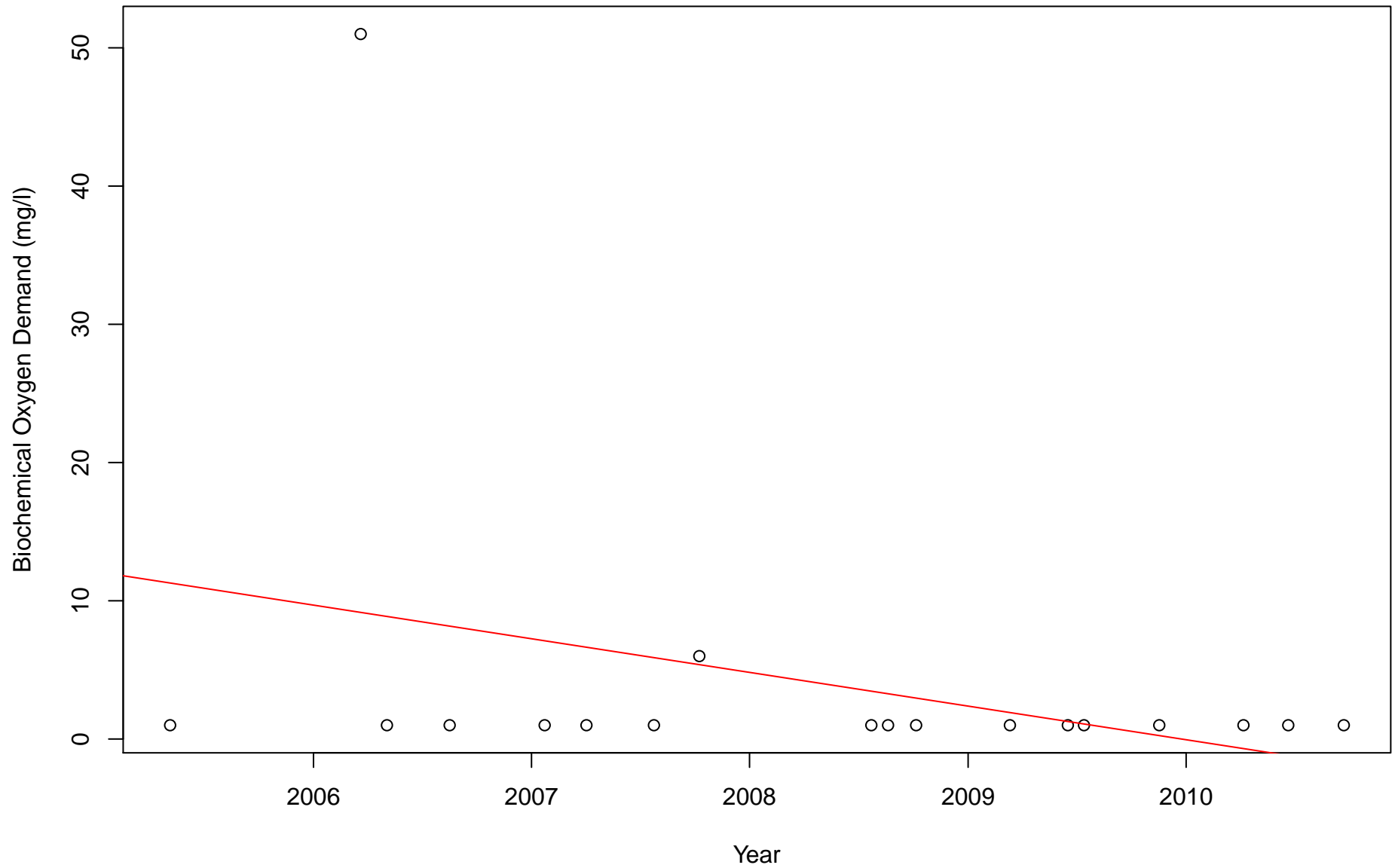
slope = -0.0544105109656483 ; p-value = 0.82250393918529

BA05MSI000SL04



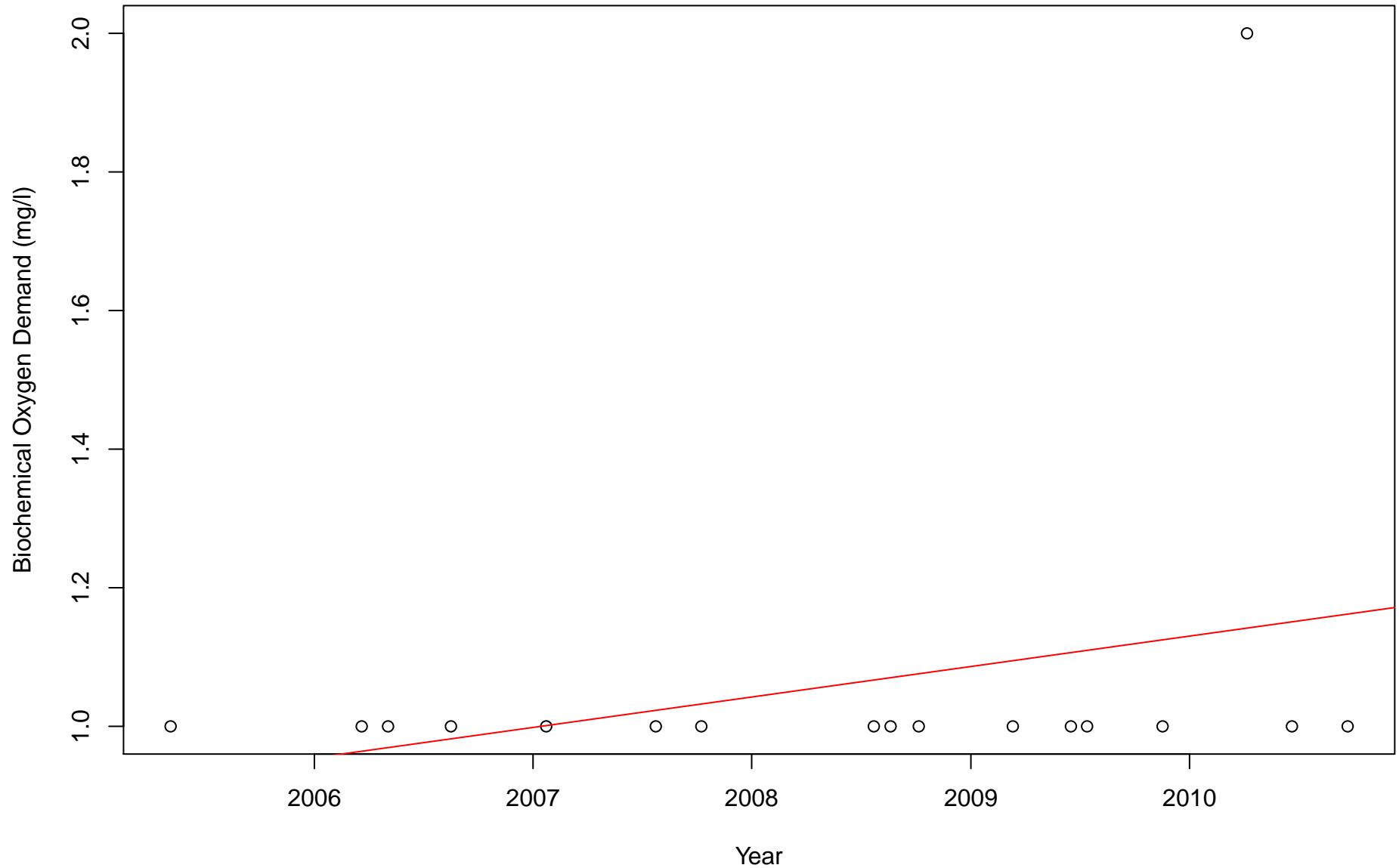
slope = $1.26590225135439 \times 10^{-16}$; p-value = 0.0548835656398737

BA05MSI000SL05



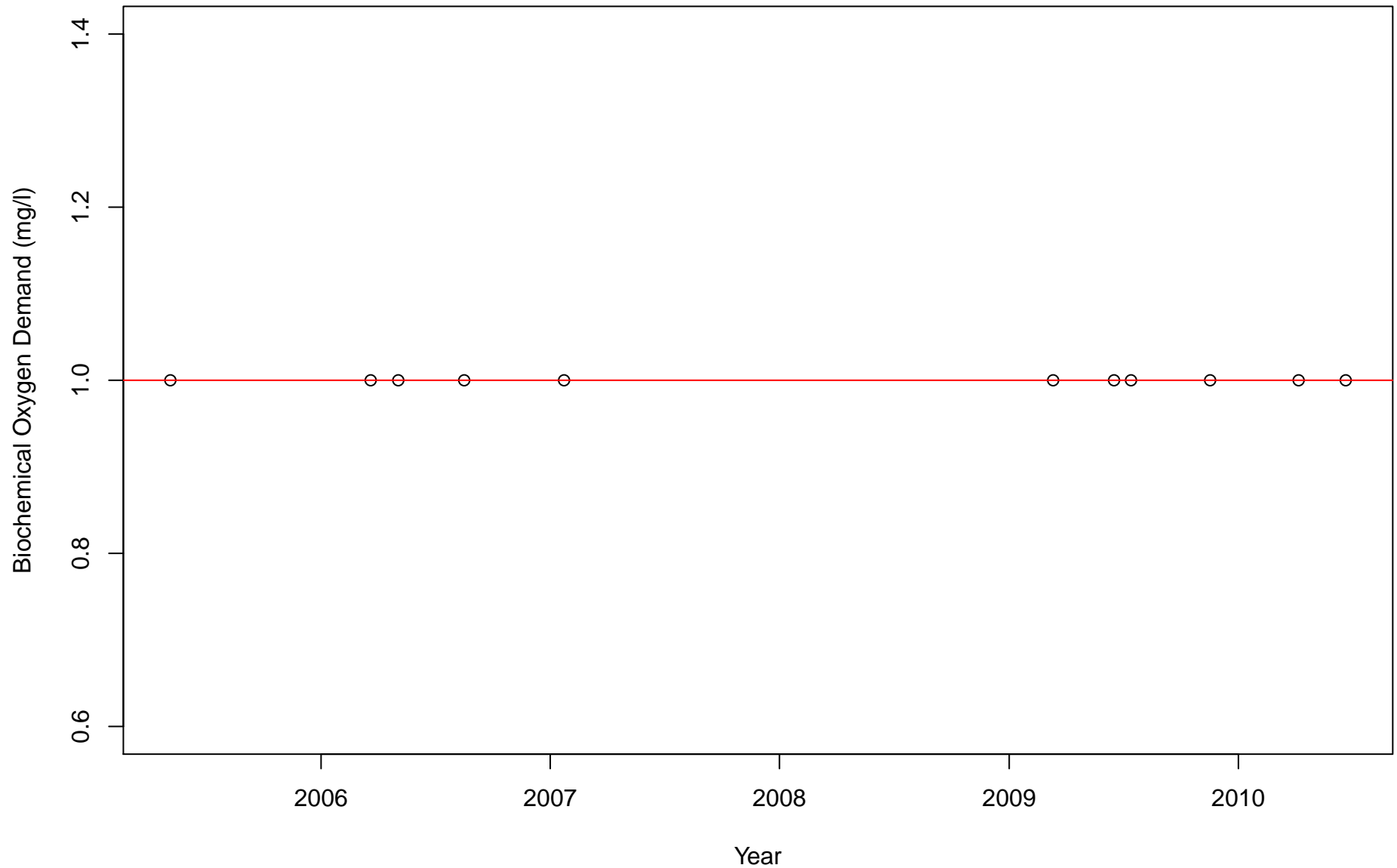
slope = -2.43282255707707 ; p-value = 0.176554911792635

BA05MSI000SL06



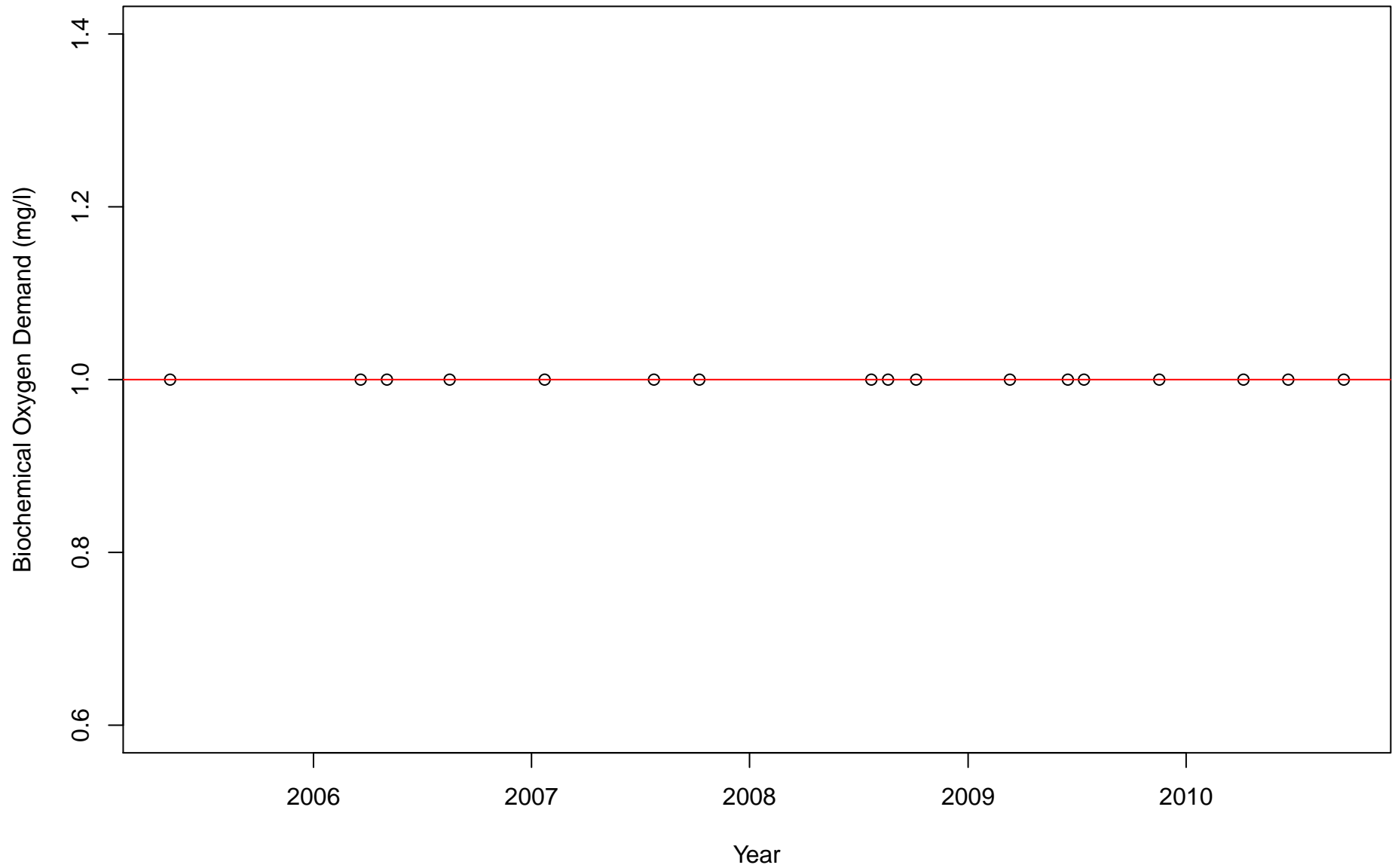
slope = 0.0438967693337951; p-value = 0.247291574229521

BA05MSI000SL07

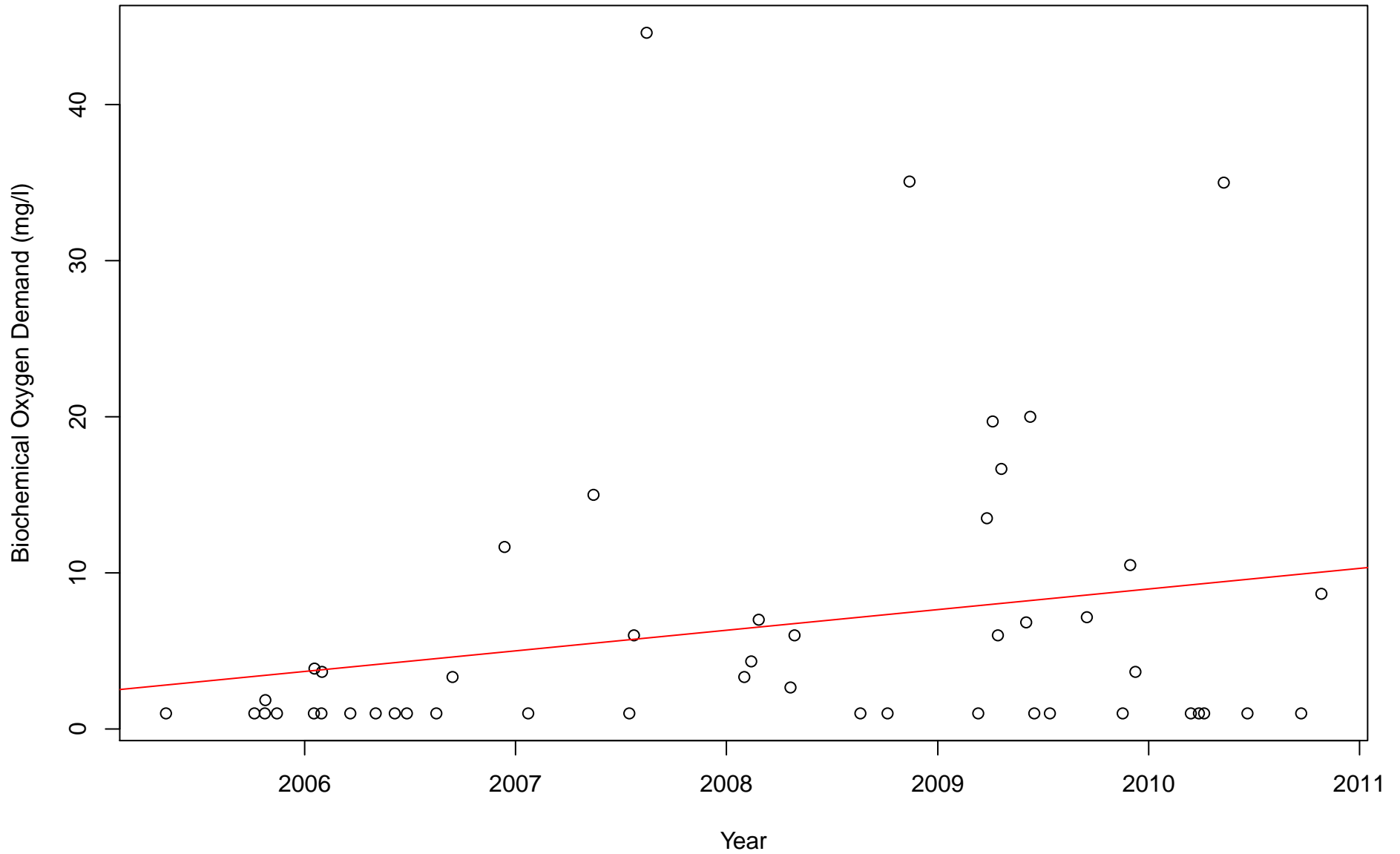


slope = $-5.88811387861686e-17$; p-value = 0.114938477182759

BA05MSI000SL08

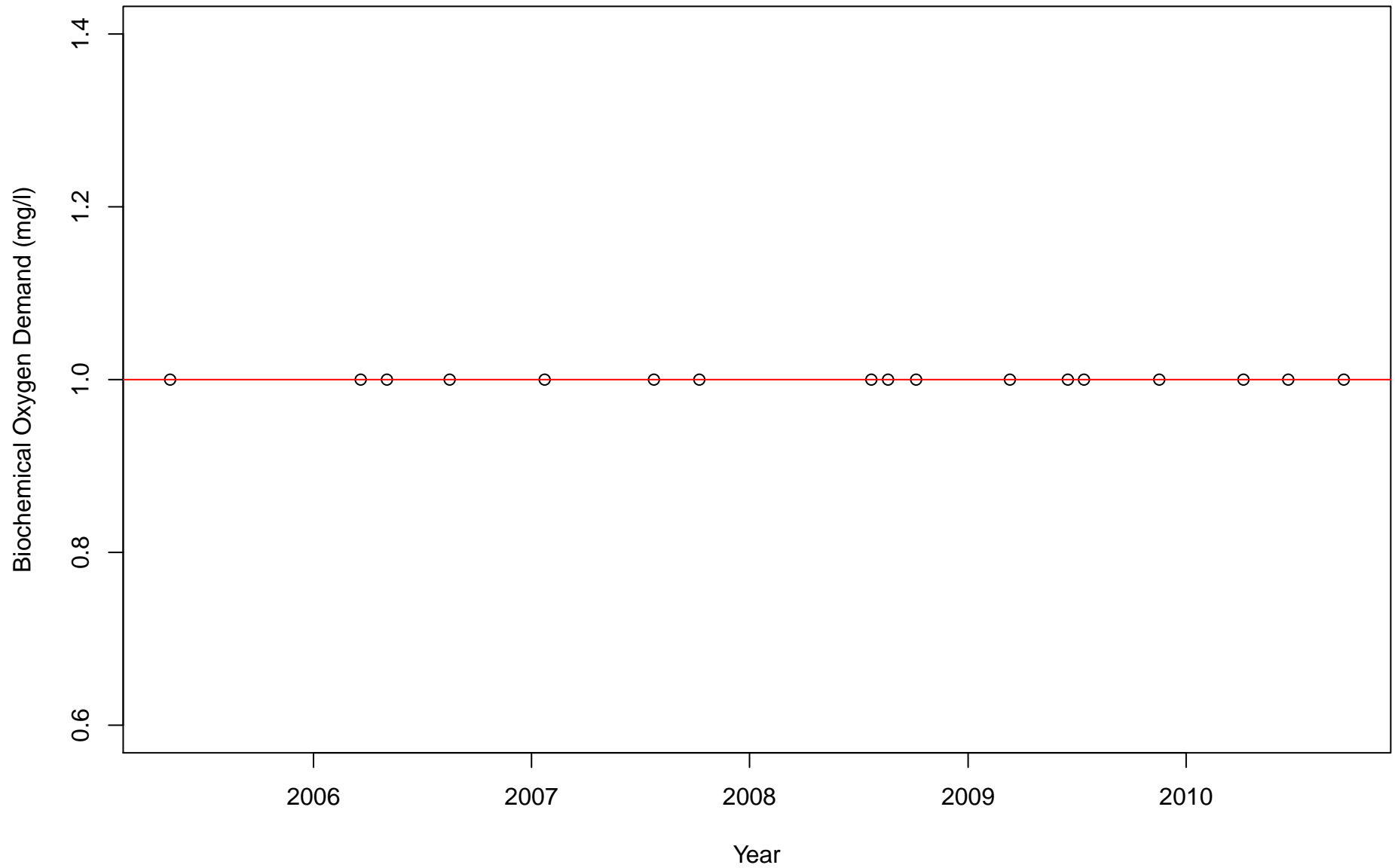


BA05MSI000SL09



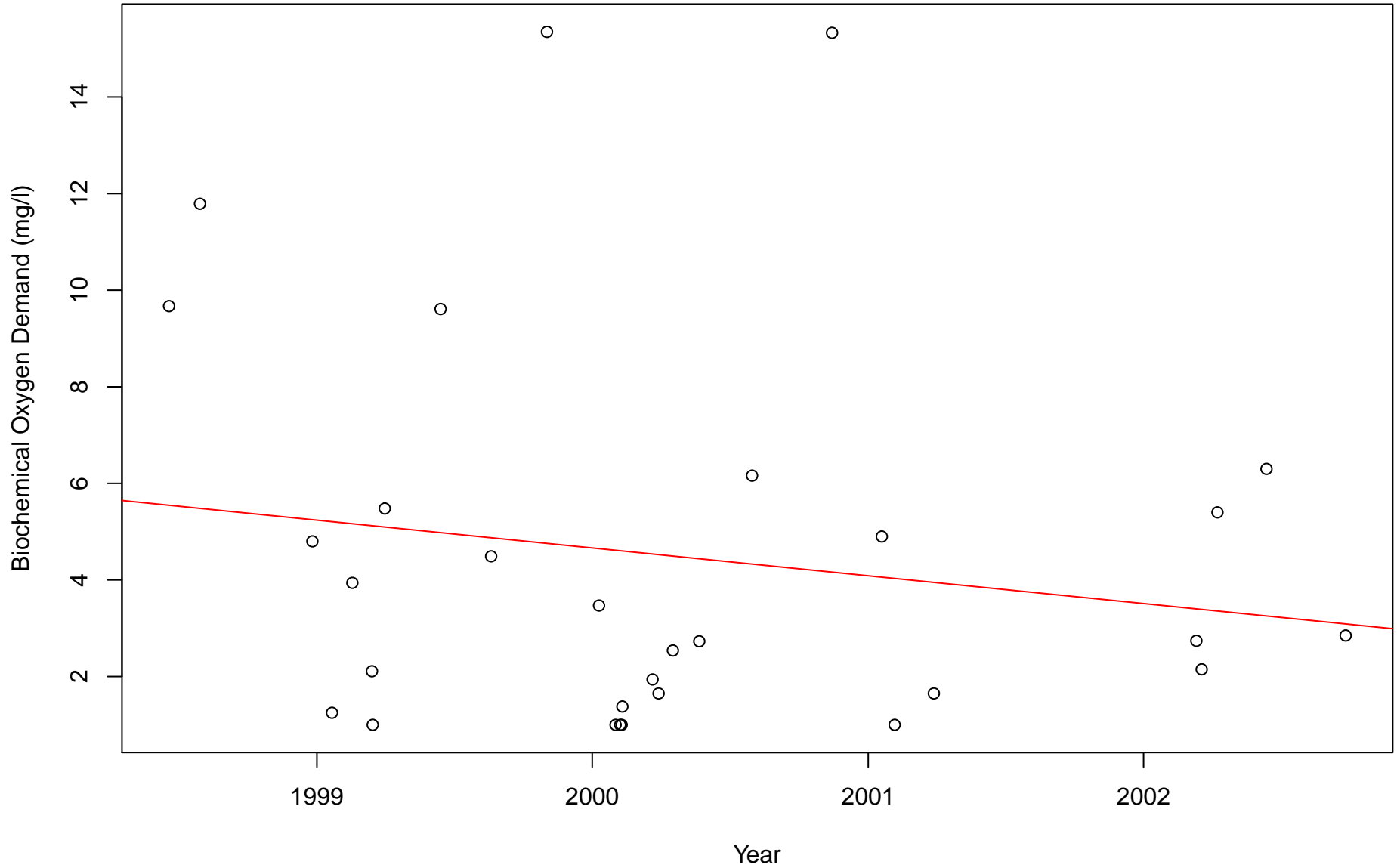
slope = 1.32006700757809; p-value = 0.119608827983136

BA05MSI000SL10



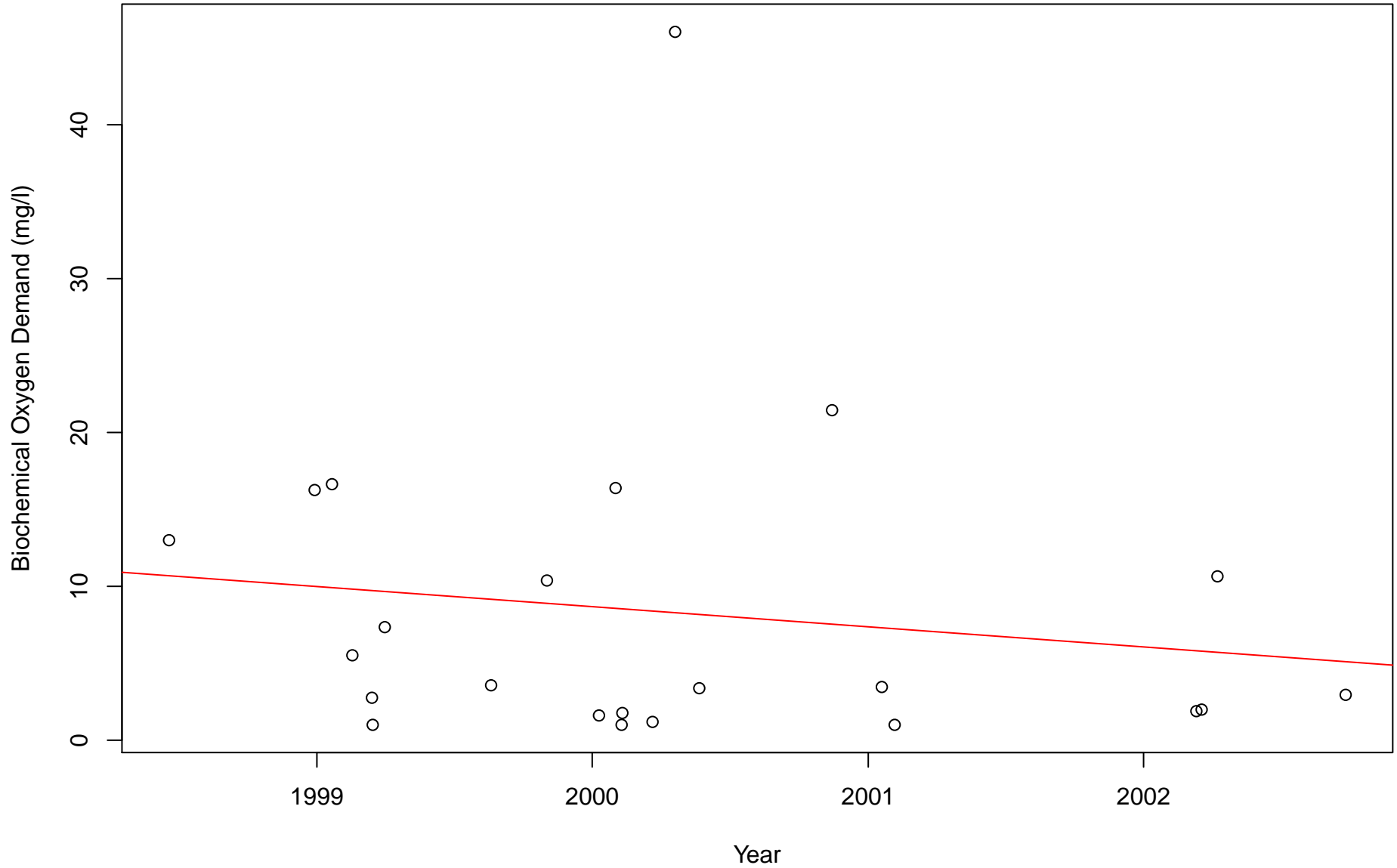
slope = $-6.45482043246715 \times 10^{-17}$; p-value = 0.0529998127118002

BA98MSI000SB2



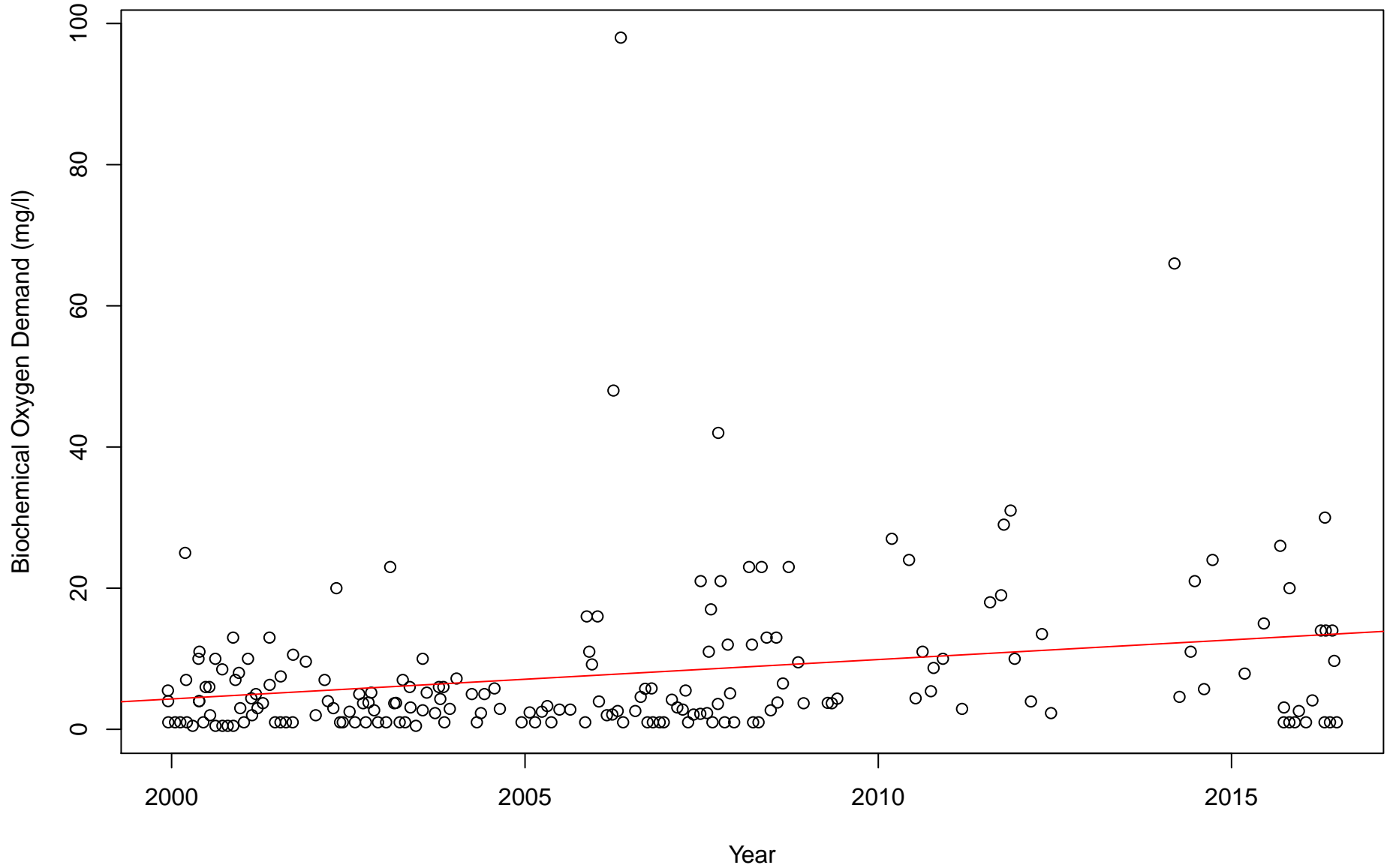
slope = -0.575064336685071 ; p-value = 0.377874588662416

BA98MSI000SB3



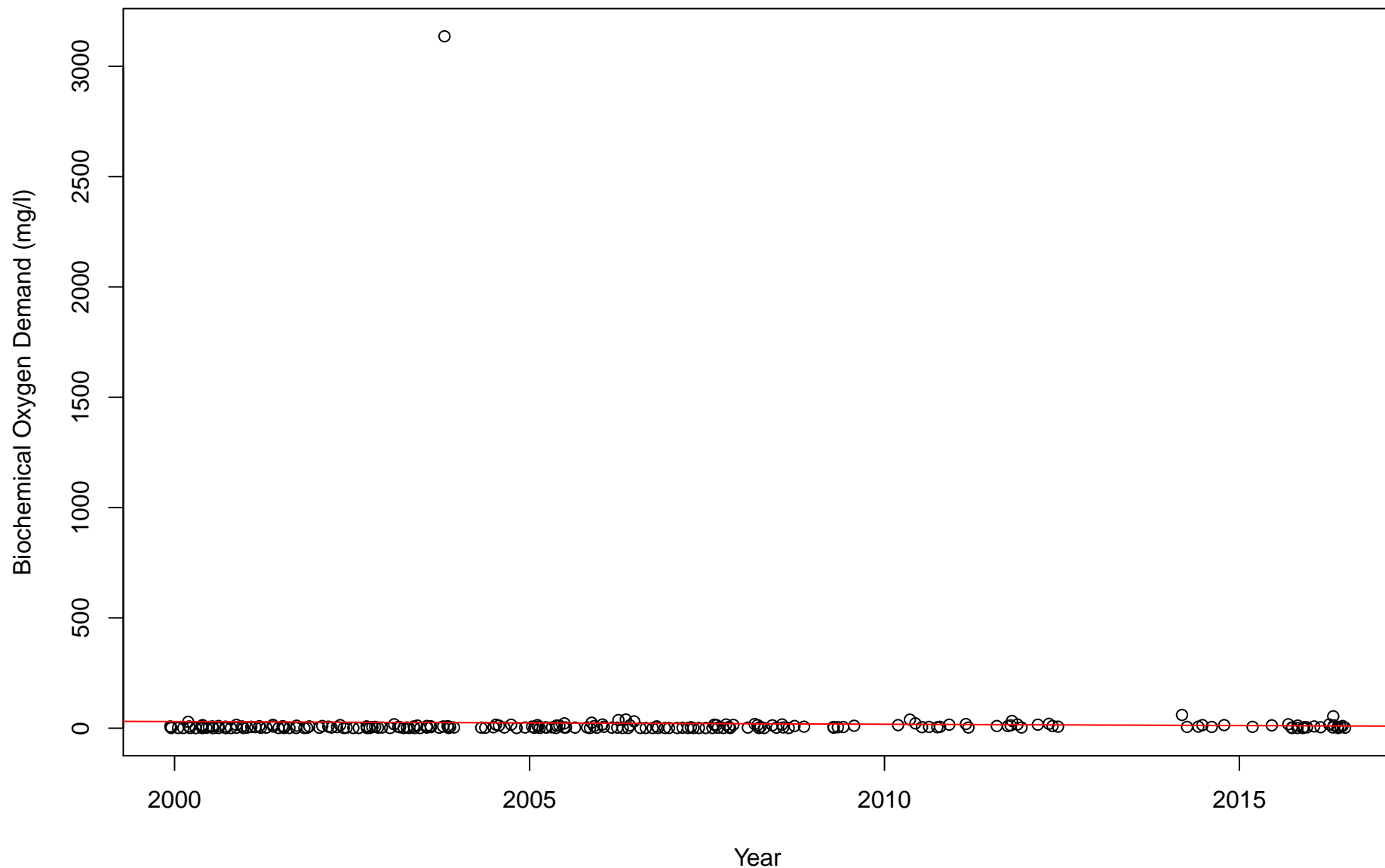
slope = -1.30707648358016 ; p-value = 0.493631550122156

BC16MS000I81



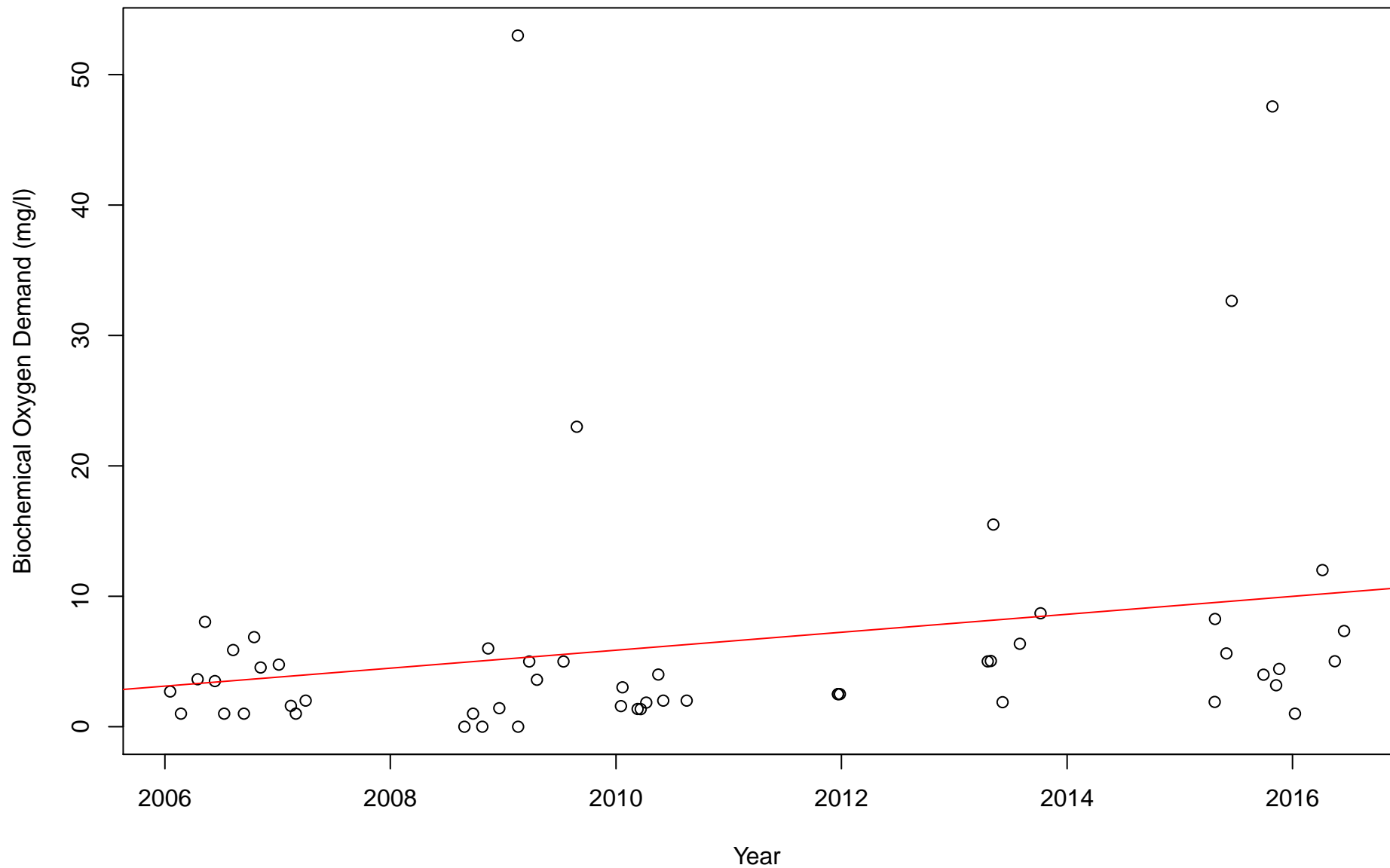
slope = 0.557757874730644; p-value = 0.000760168102425054

BC16MS000I82



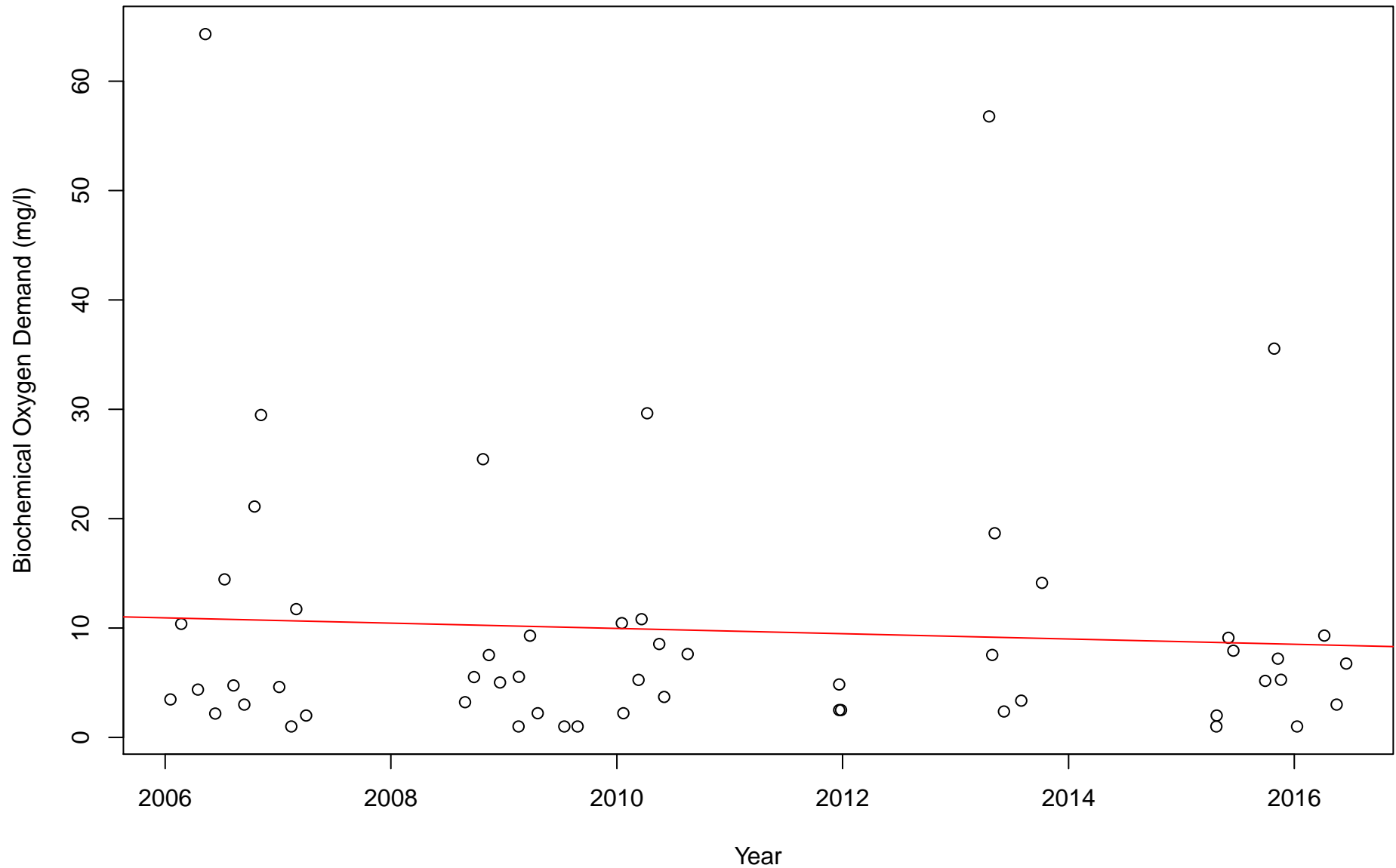
slope = -1.20197600280661; p-value = 0.698150165021796

CC15MSI000001



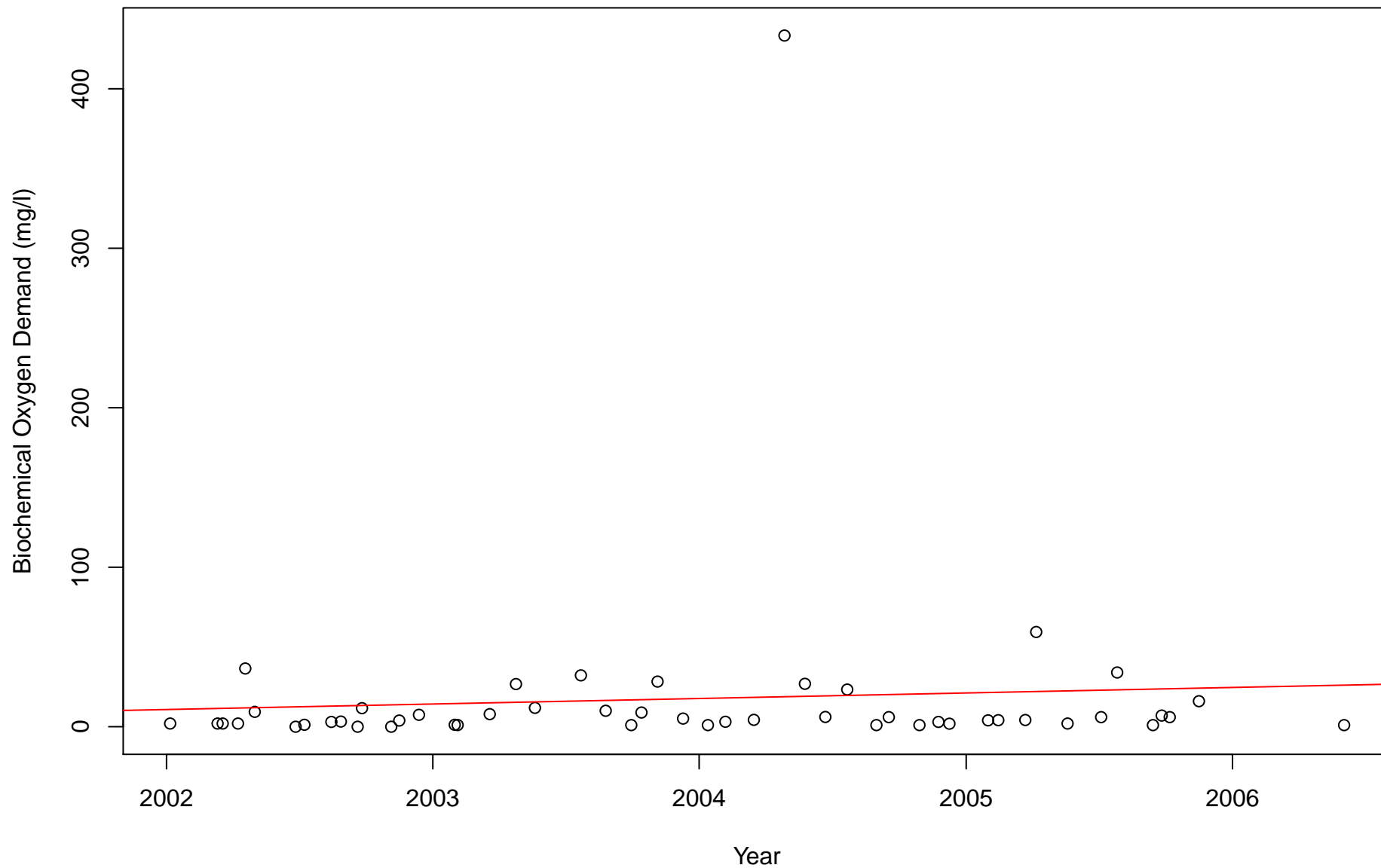
slope = 0.688072912997381; p-value = 0.0943304549054469

CC15MSI000002



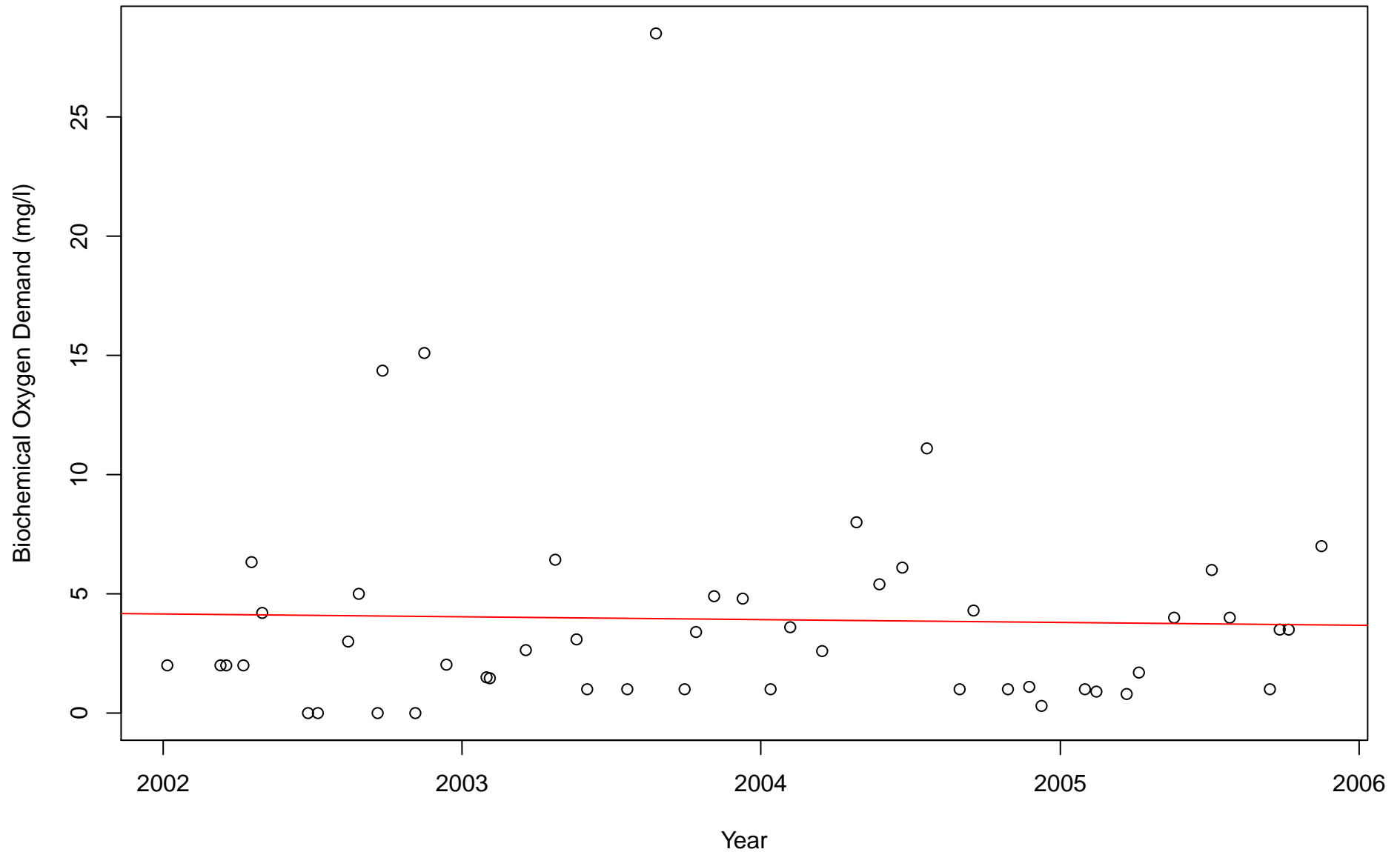
slope = -0.24136731636193; p-value = 0.63821455391096

CH99MSI000096



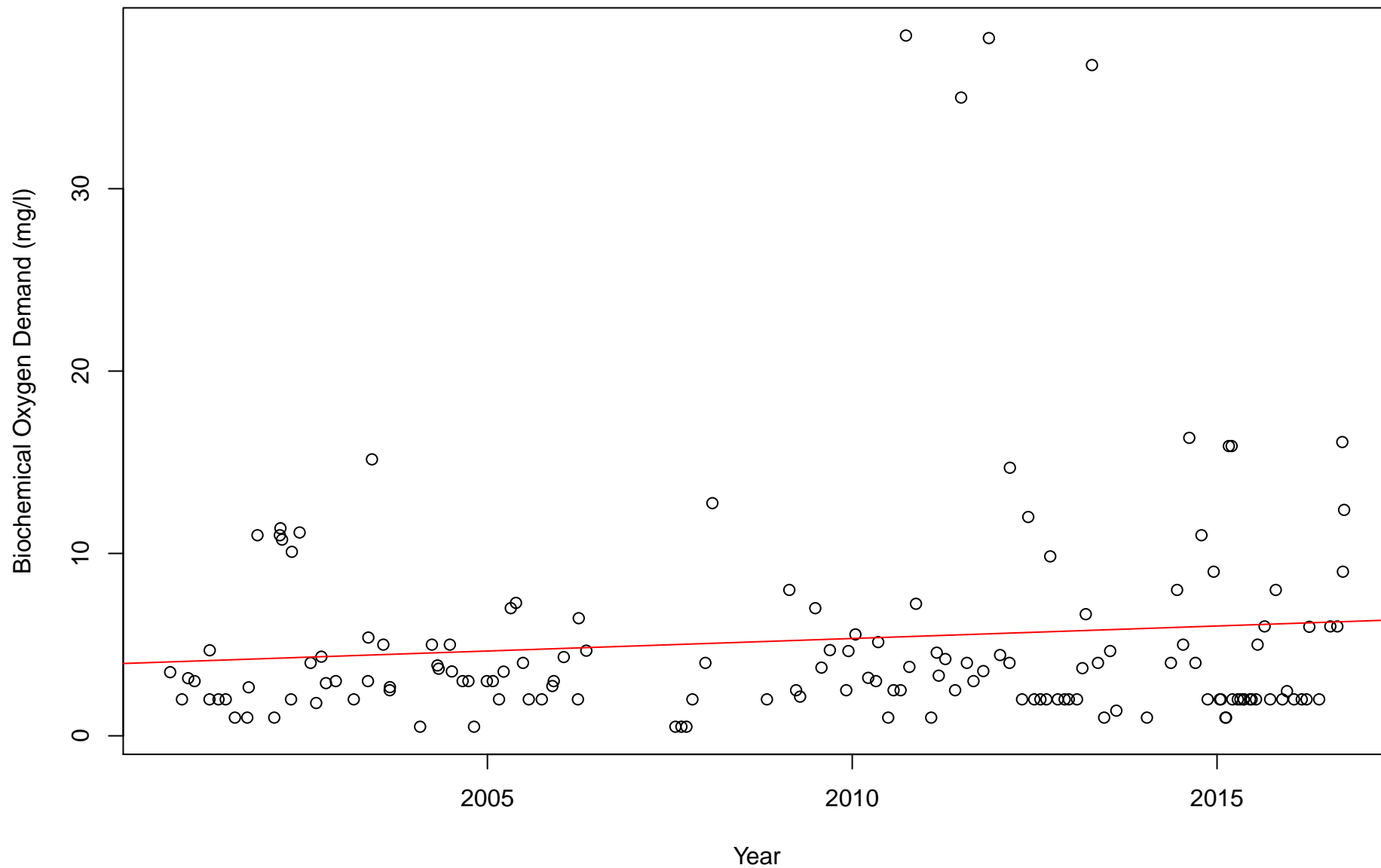
slope = 3.45680509143117; p-value = 0.635575068524511

CH99MSI000162

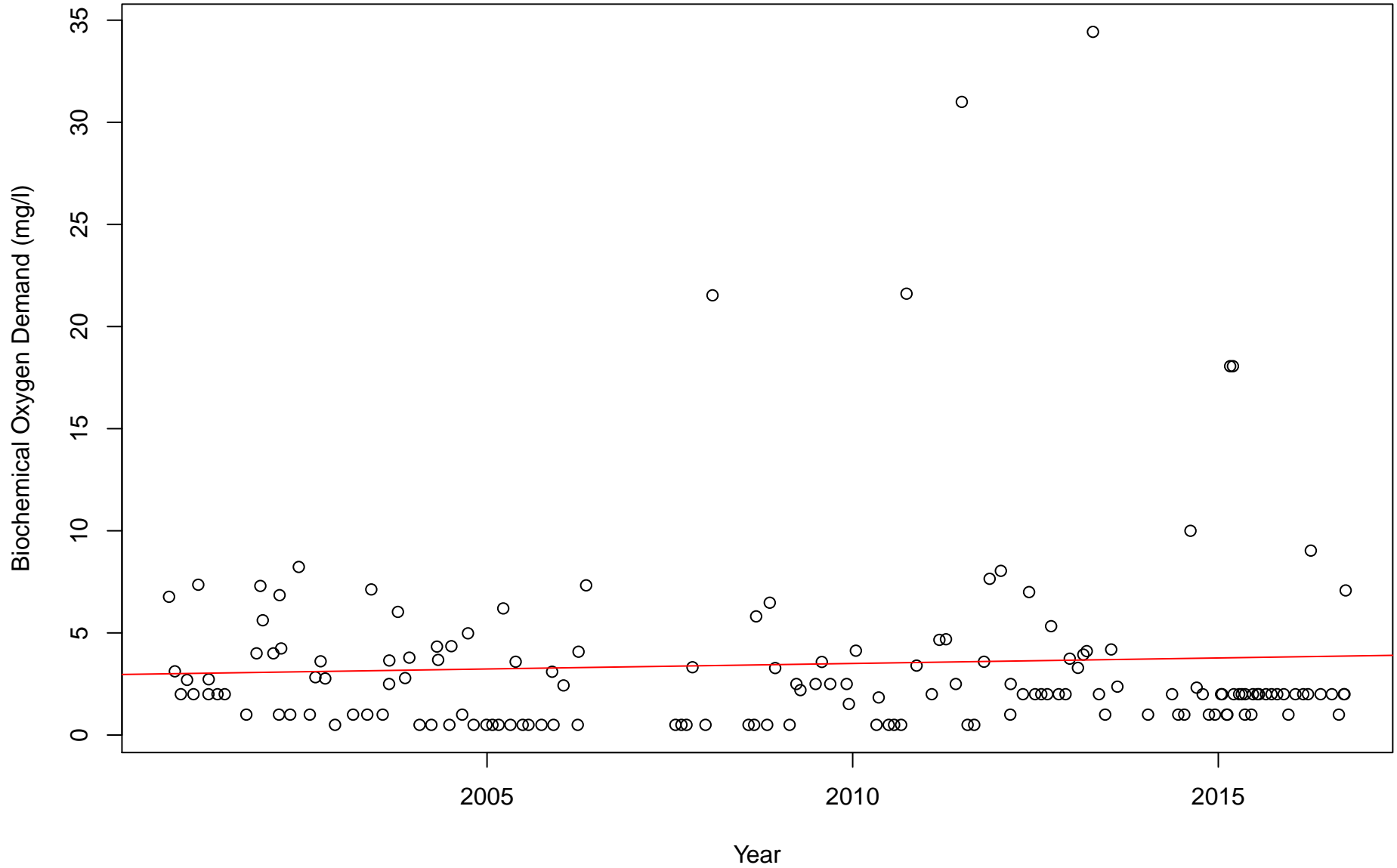


slope = -0.118228567584707; p-value = 0.844865124461801

CR15MSI000003

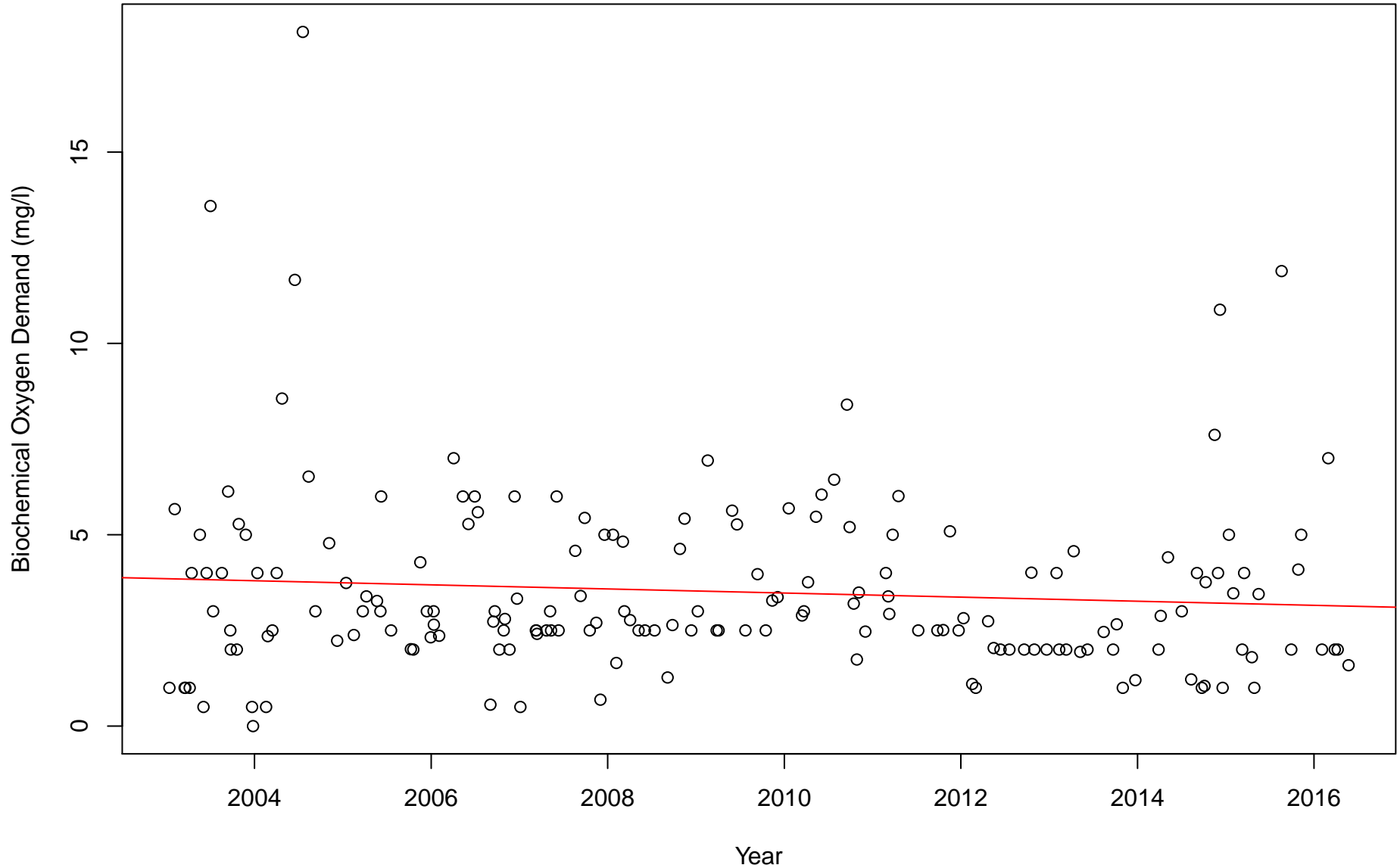


CR15MSI000004

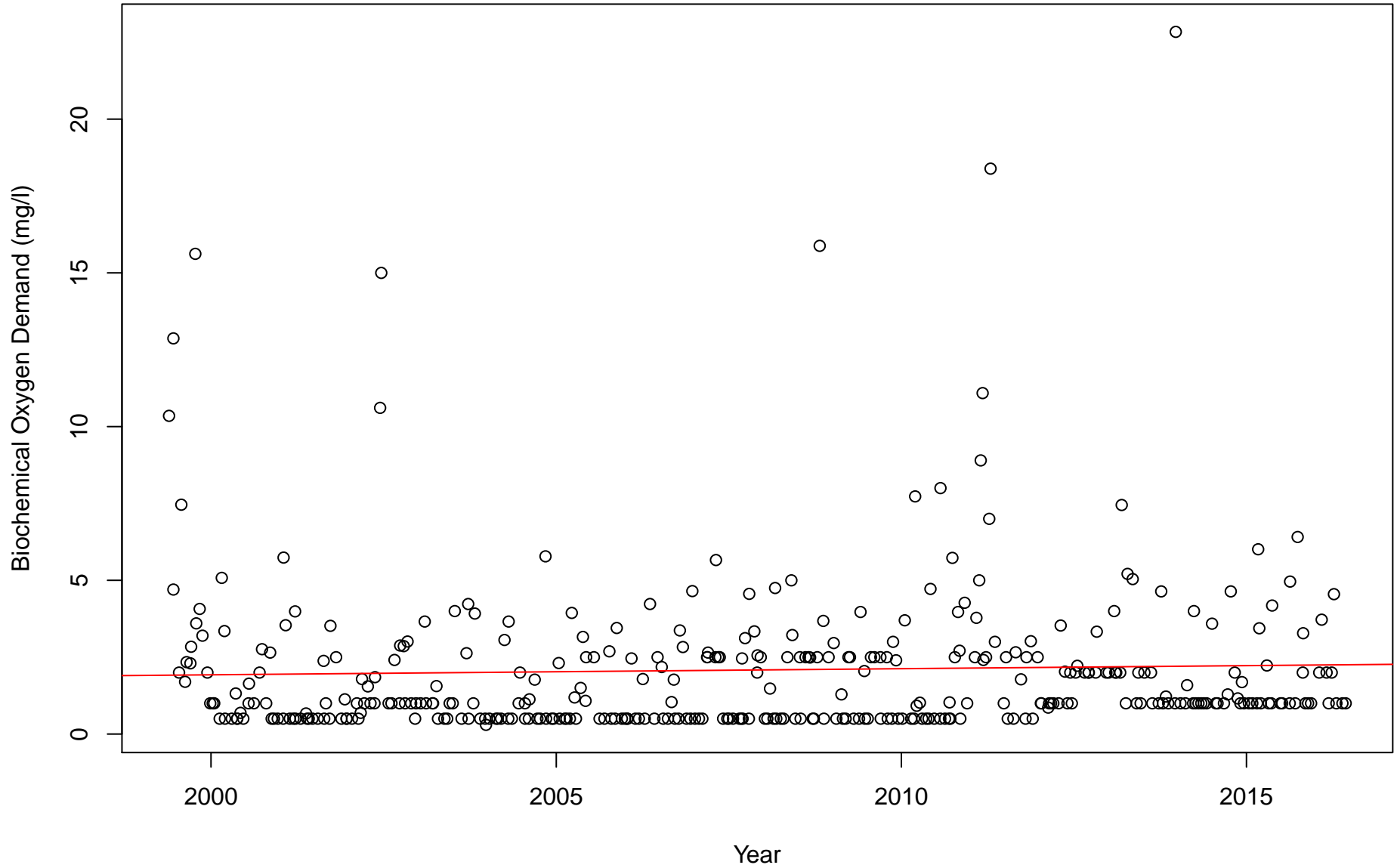


slope = 0.0538736880848595; p-value = 0.482811735853483

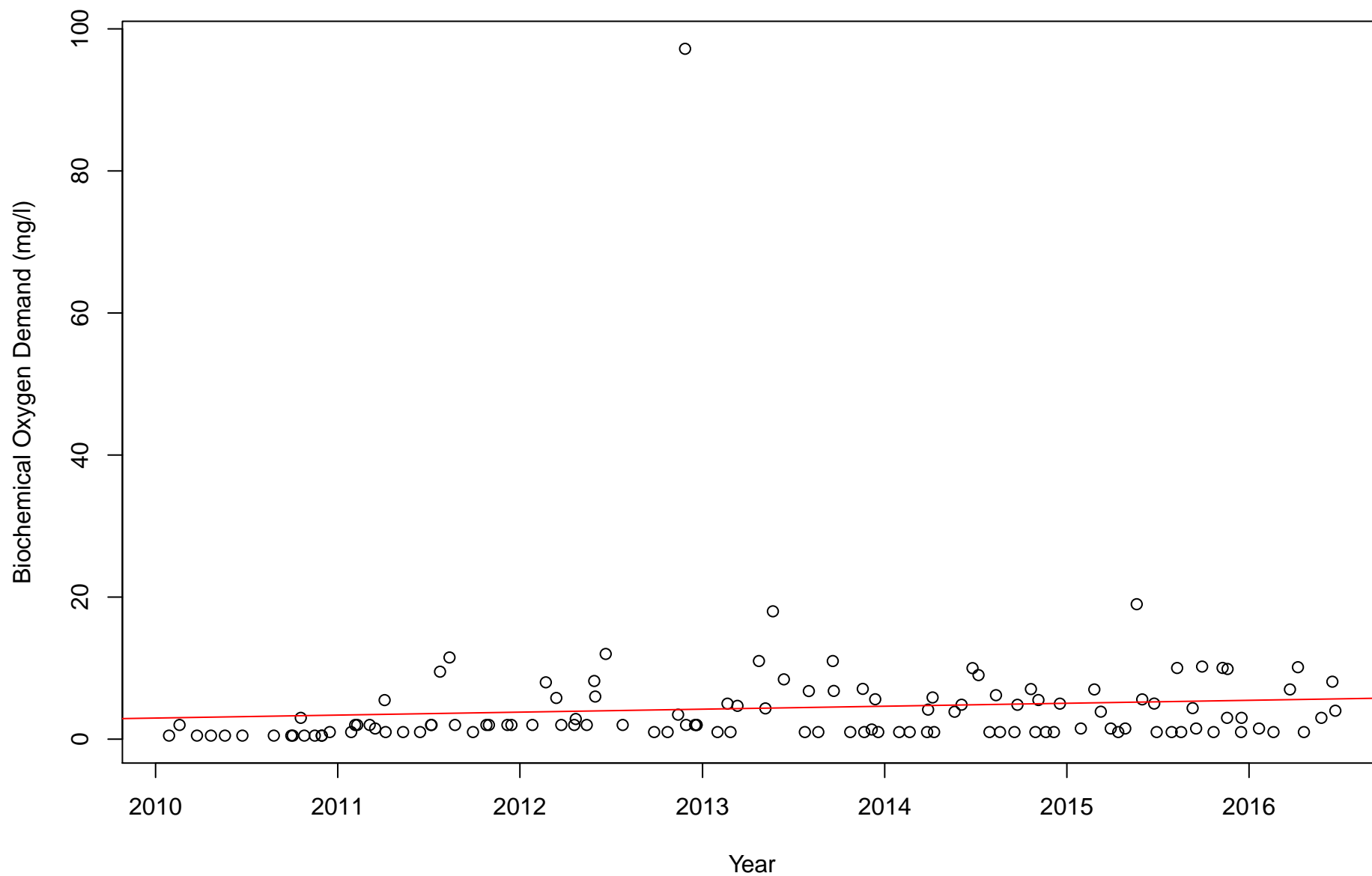
FR02MSI000059



FR99MSI000058

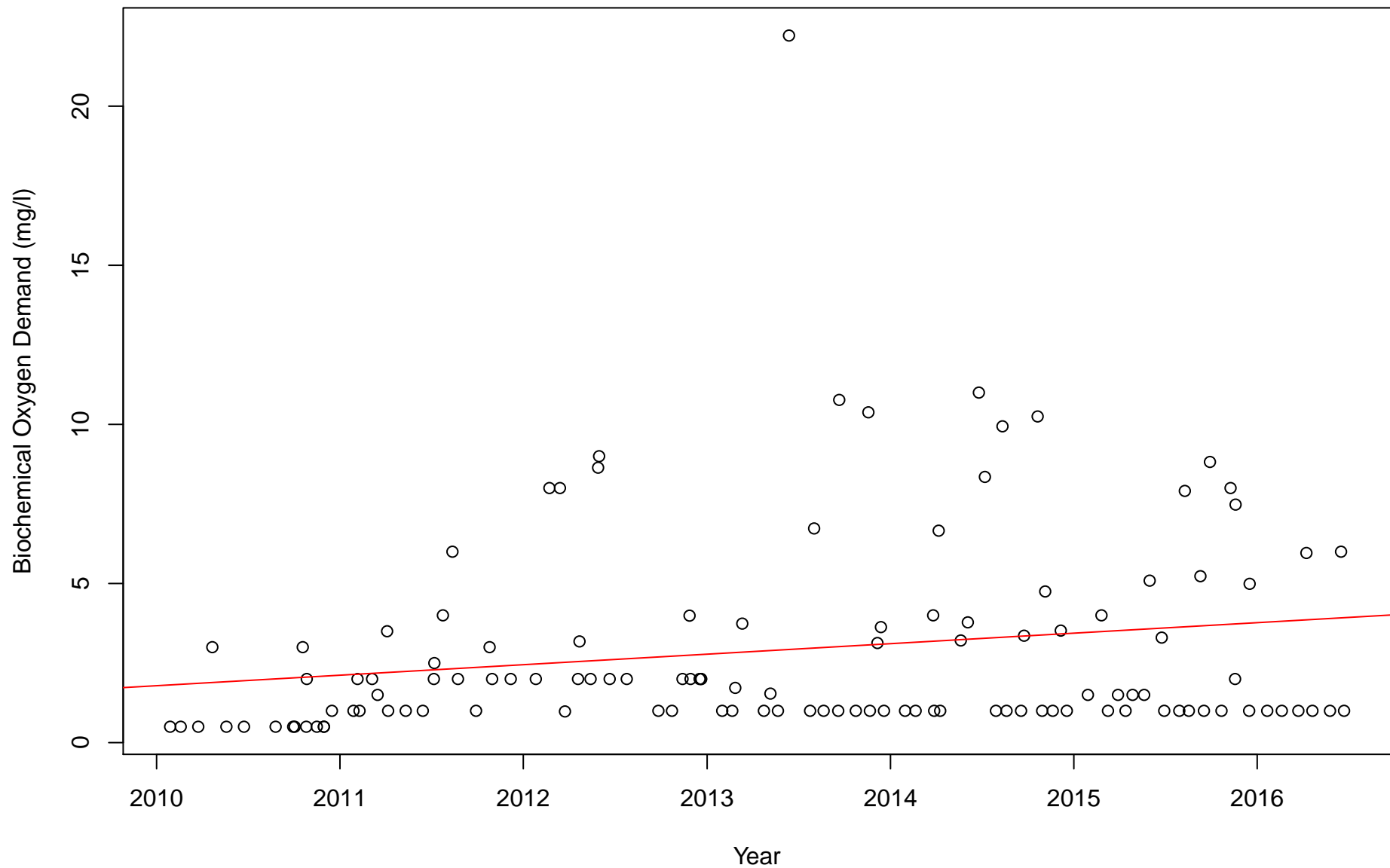


HA10MSI0WC002



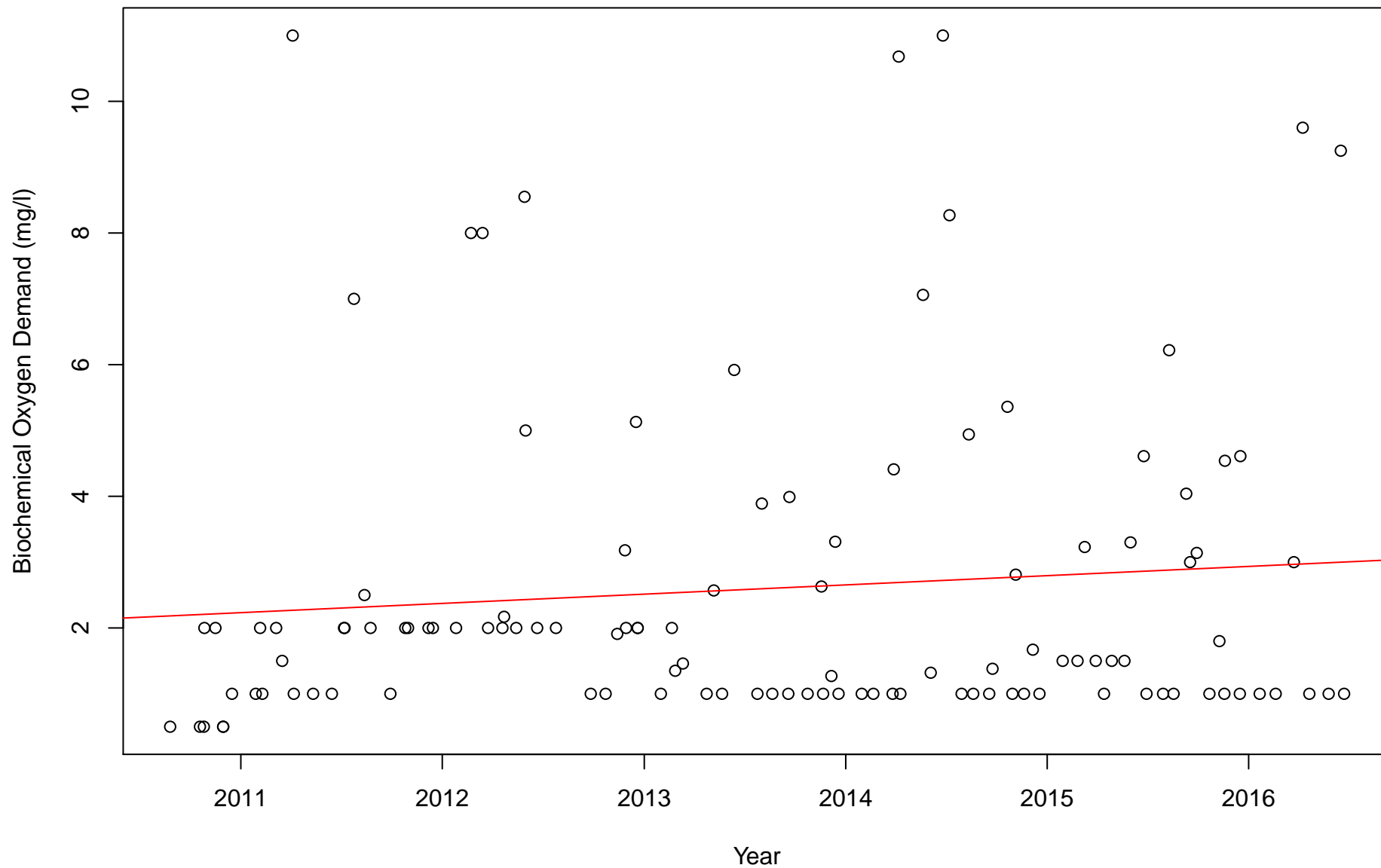
slope = 0.415975178928639; p-value = 0.362394736572301

HA10MSI0WC003



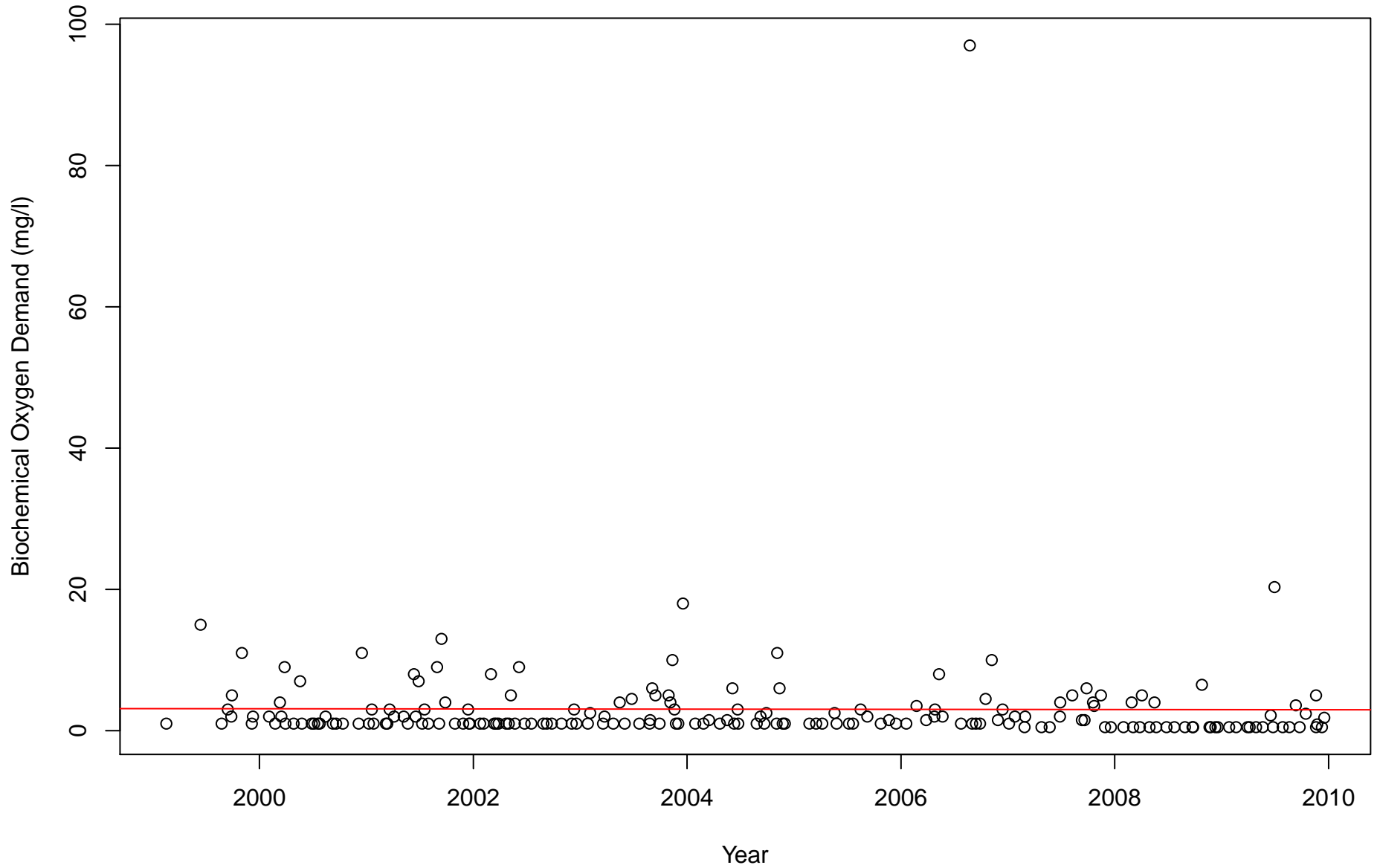
slope = 0.329939054550653; p-value = 0.0362299123829159

HA10MSI0WC004



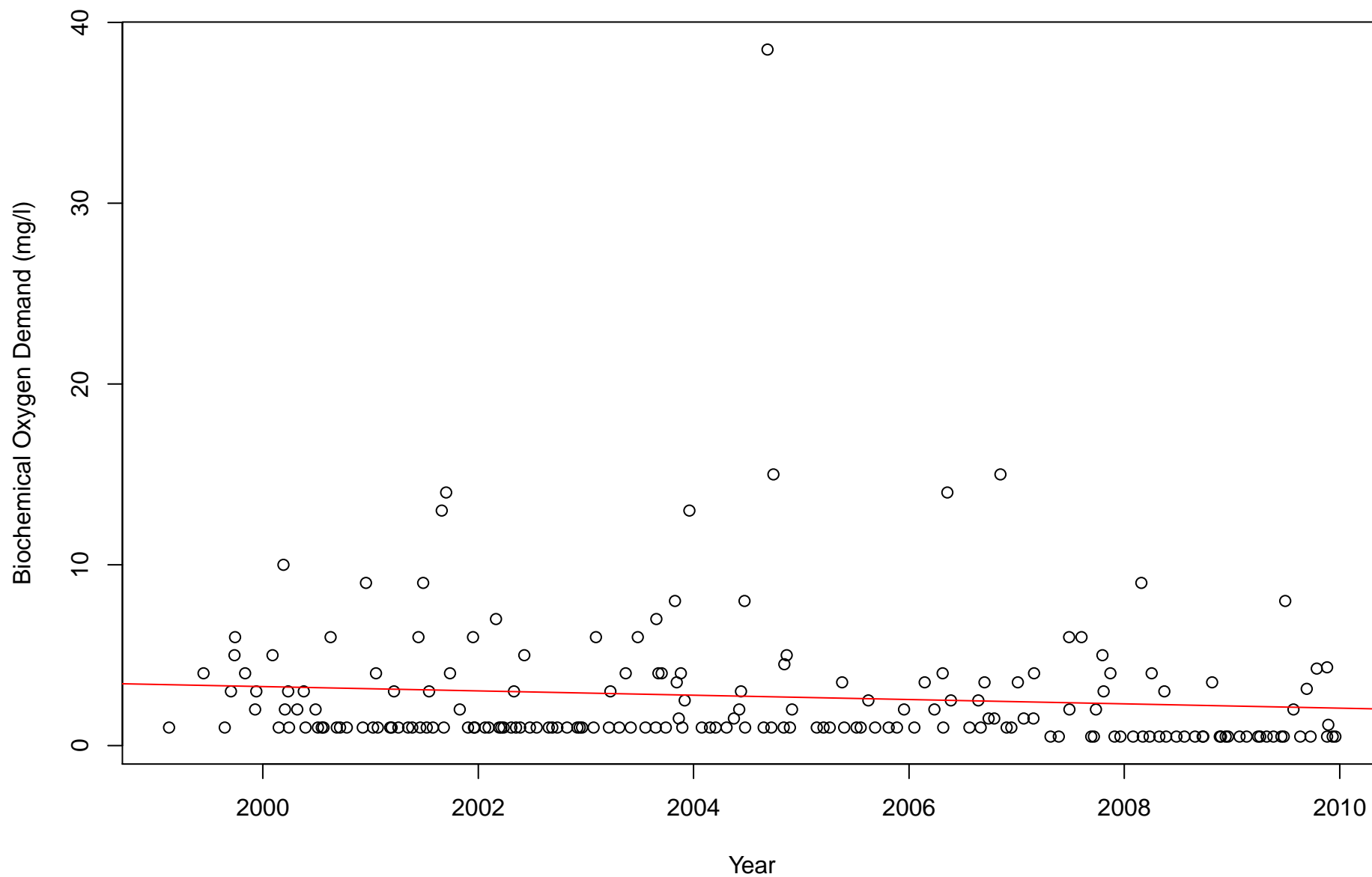
slope = 0.140422526773246; p-value = 0.293443838026145

HA99MSI000001



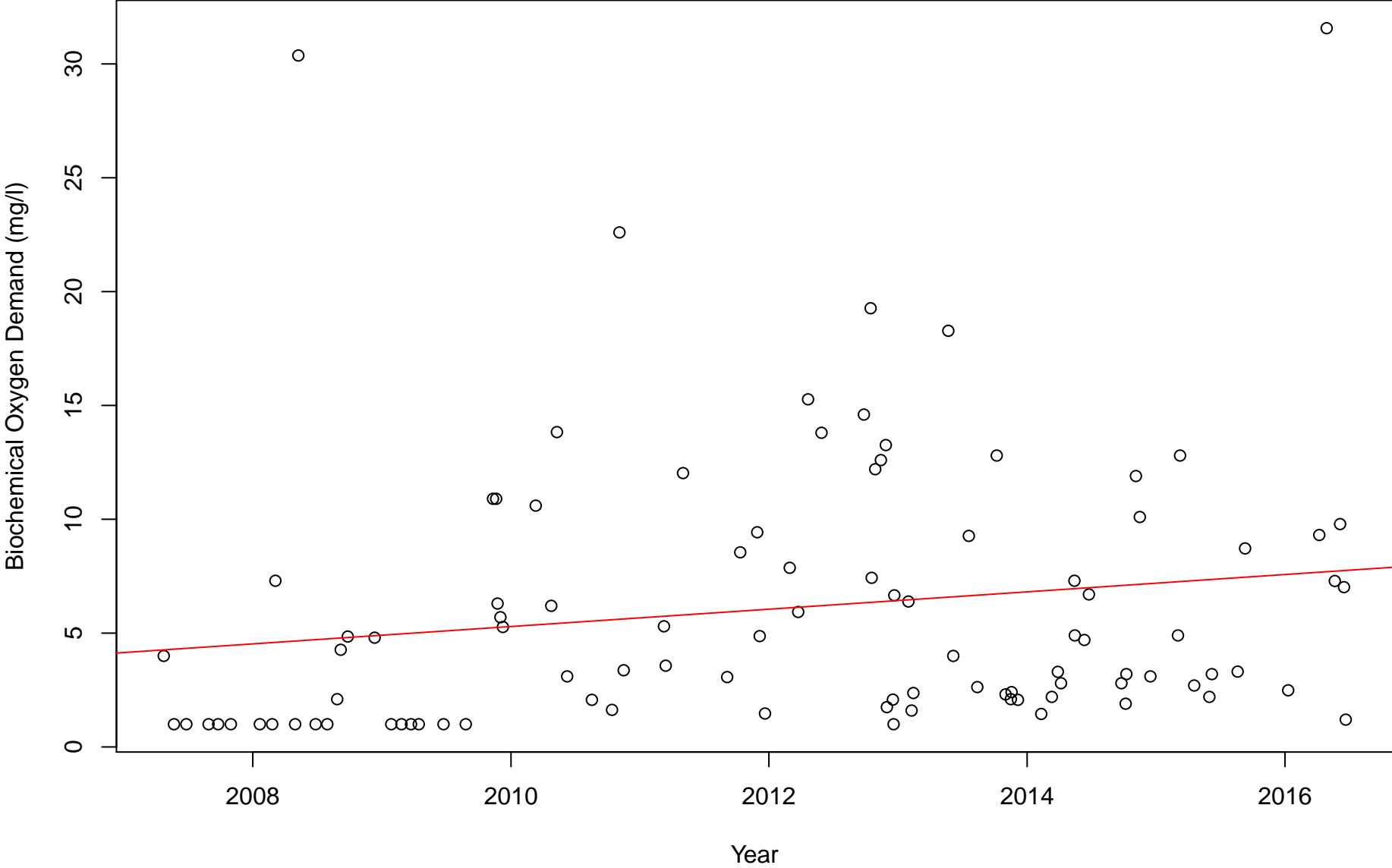
slope = -0.0141415405706884 ; p-value = 0.935171739615121

HA99MSI000002



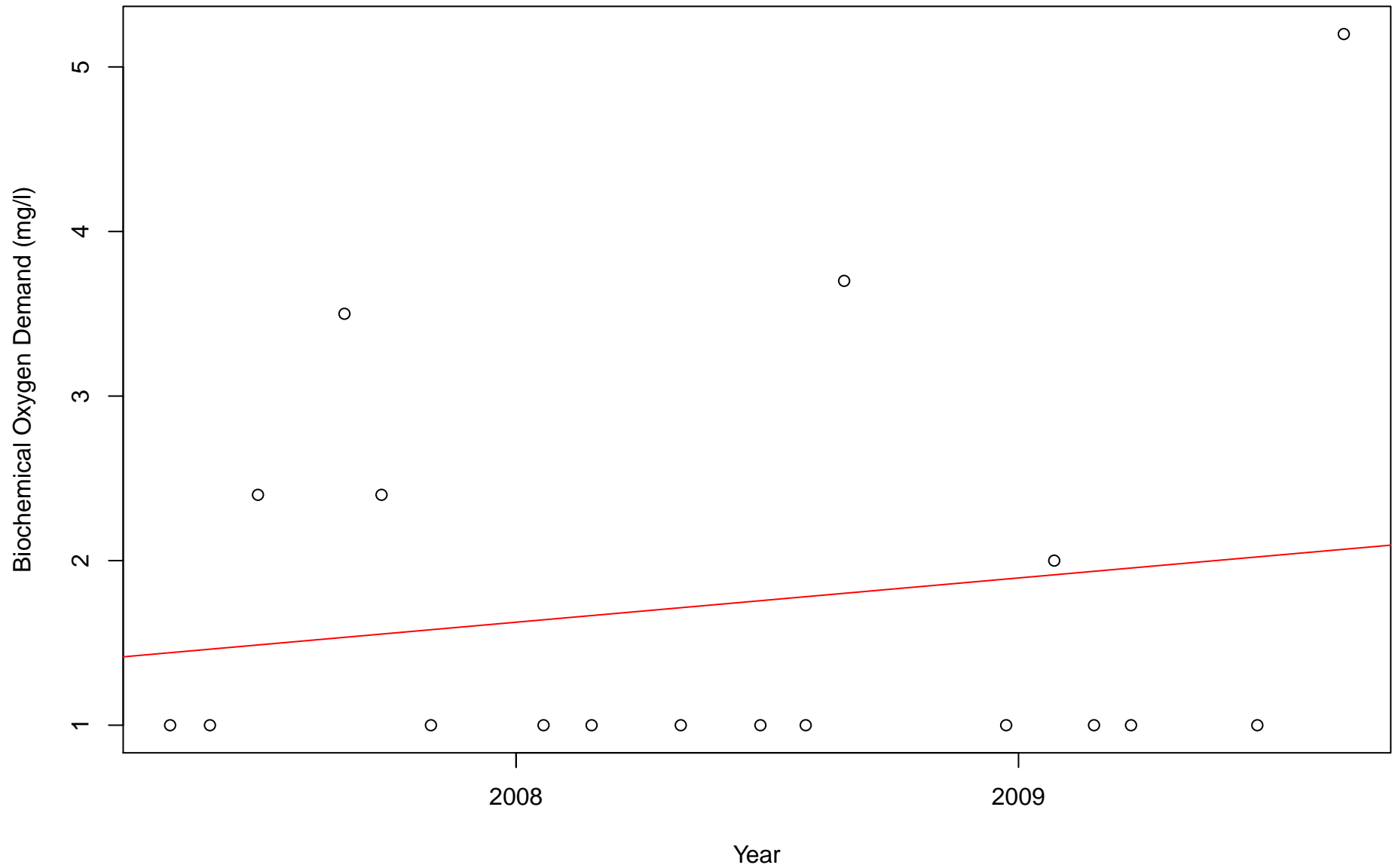
slope = -0.119291566250669 ; p-value = 0.184570634002188

HO07MSI000035



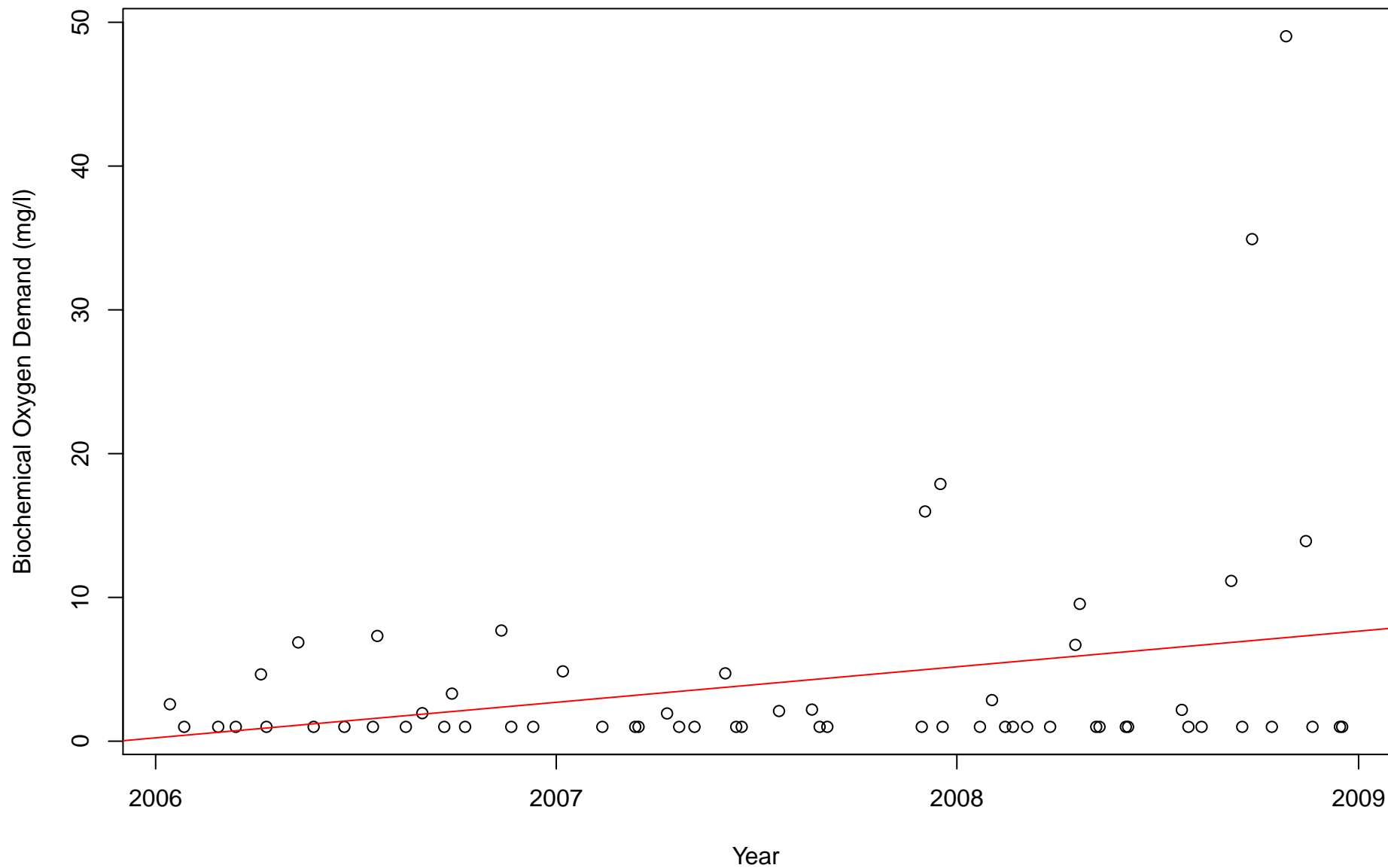
slope = 0.380611462426456; p-value = 0.0953021466337568

HO07MSI0000CL



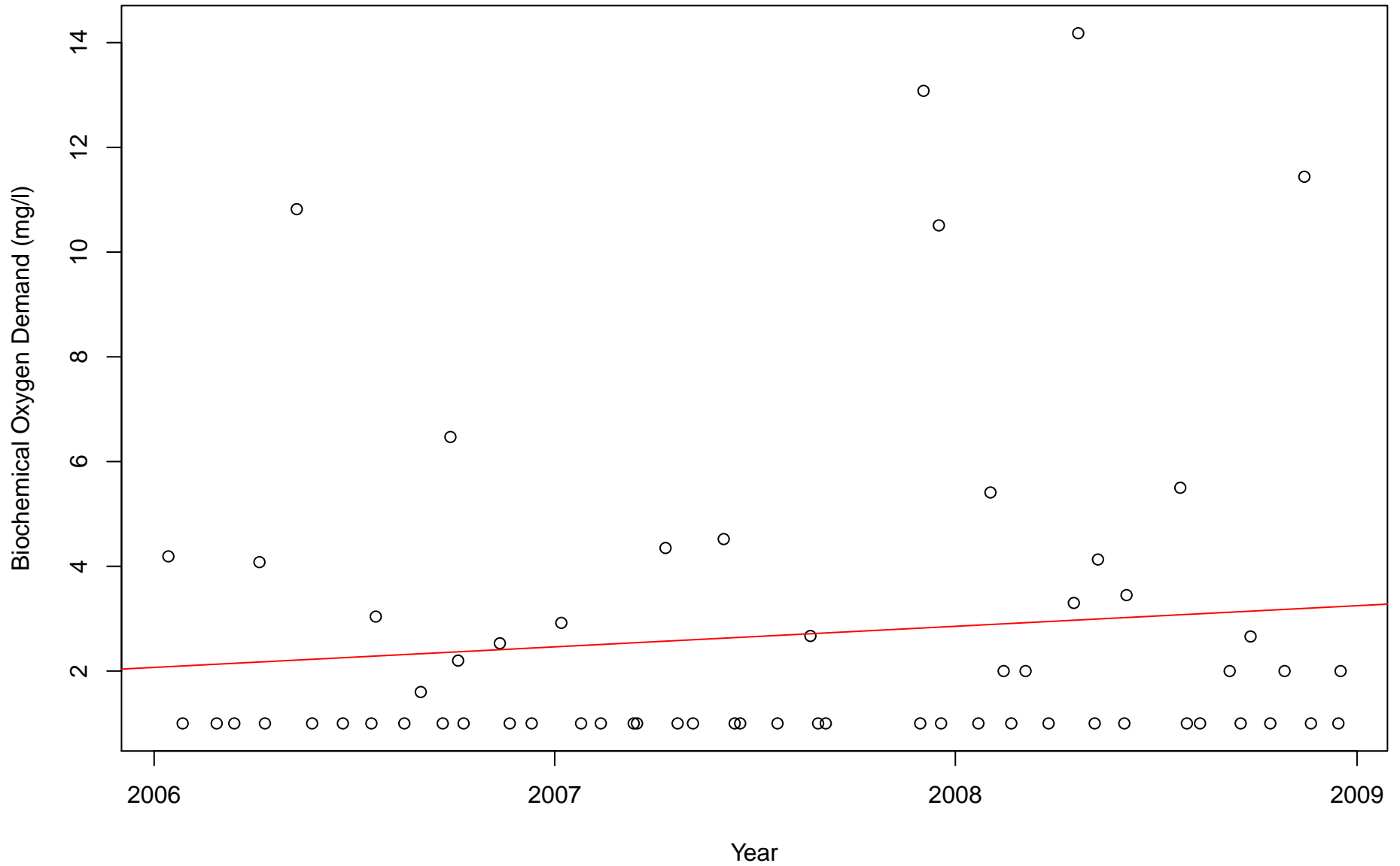
slope = 0.268236116660374; p-value = 0.525161063916511

MO02MSI000104



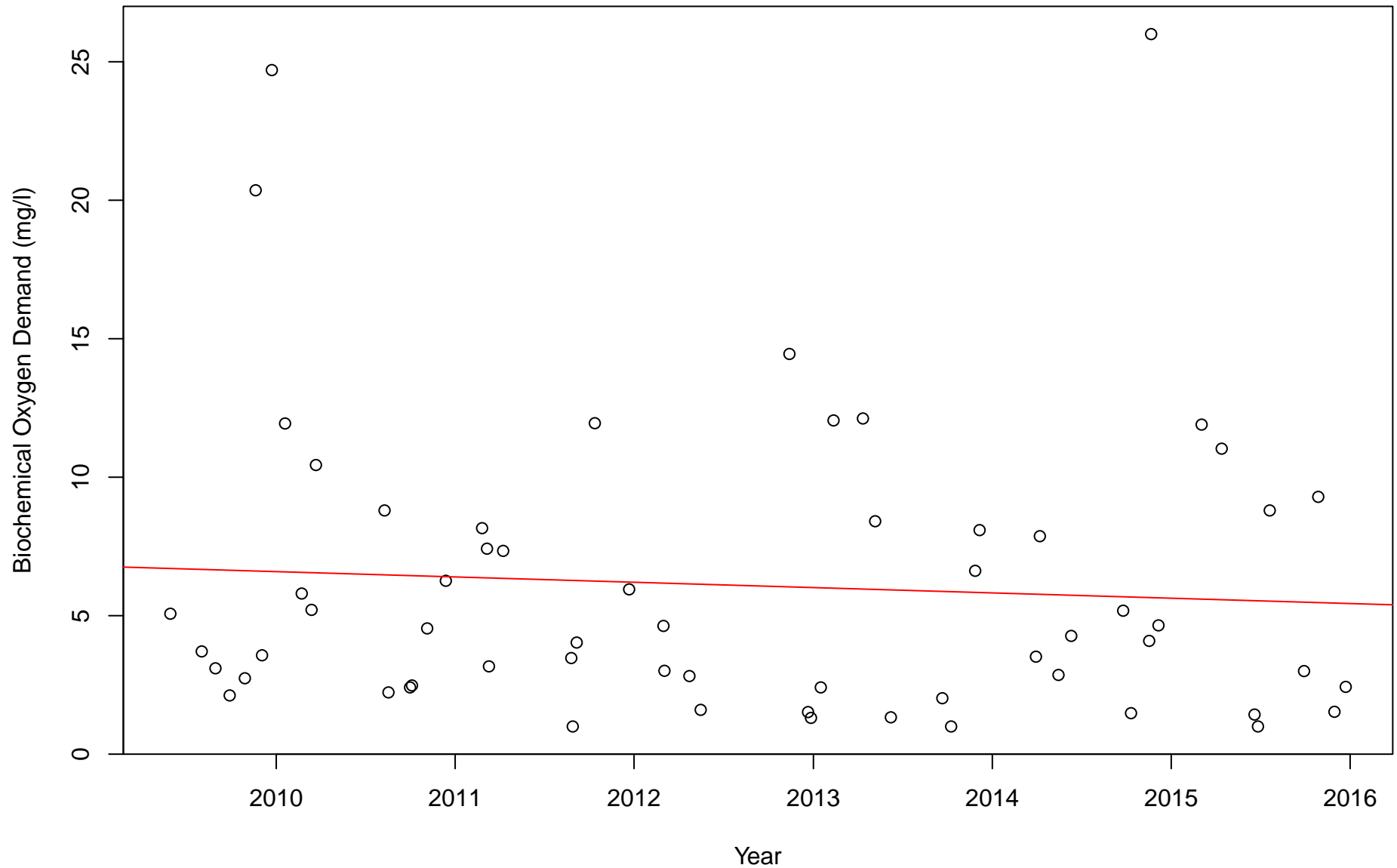
slope = 2.47119552717285; p-value = 0.0333416146790611

MO02MSI000310



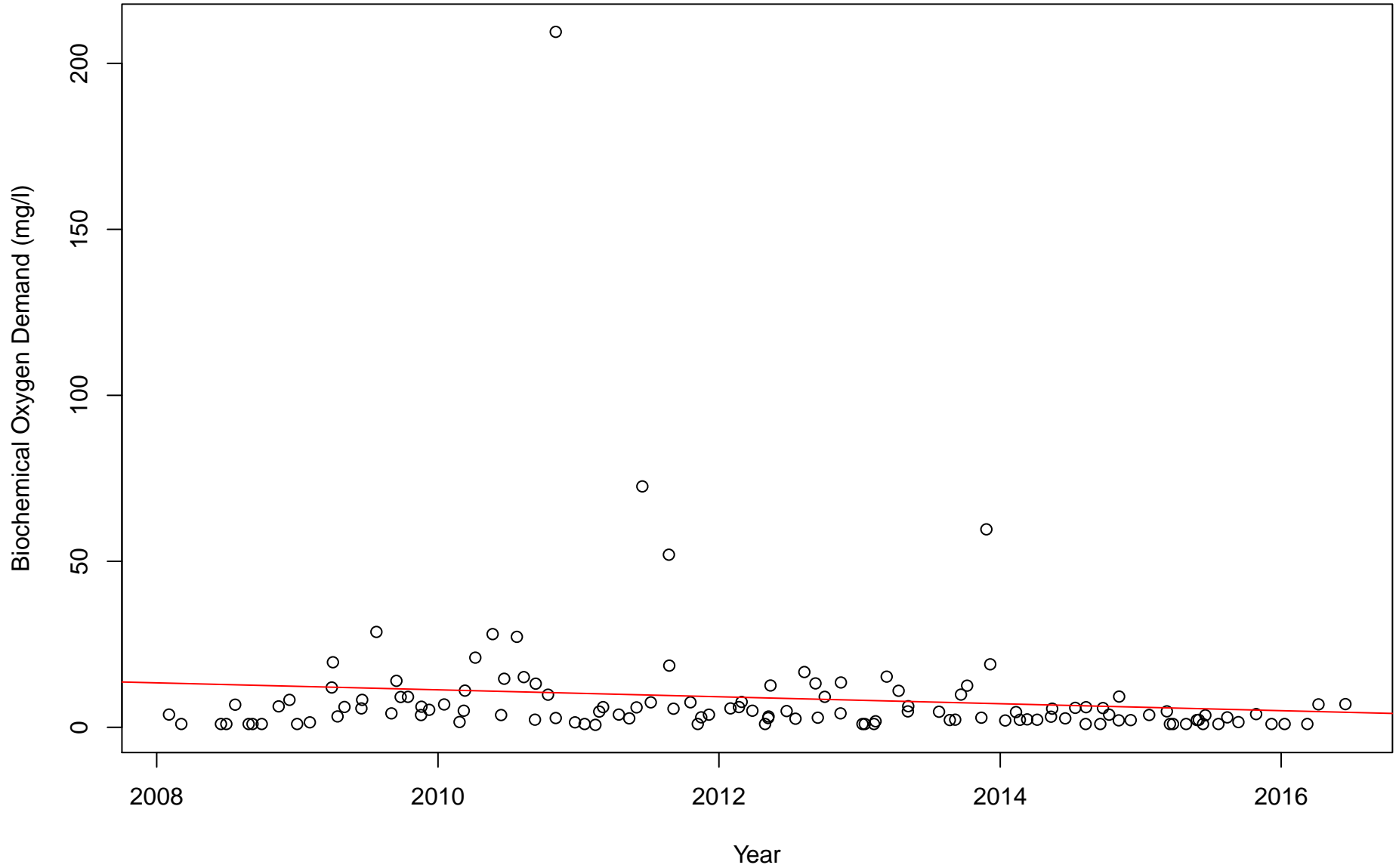
slope = 0.392509694818259; p-value = 0.380462393984481

MO09MSI000001



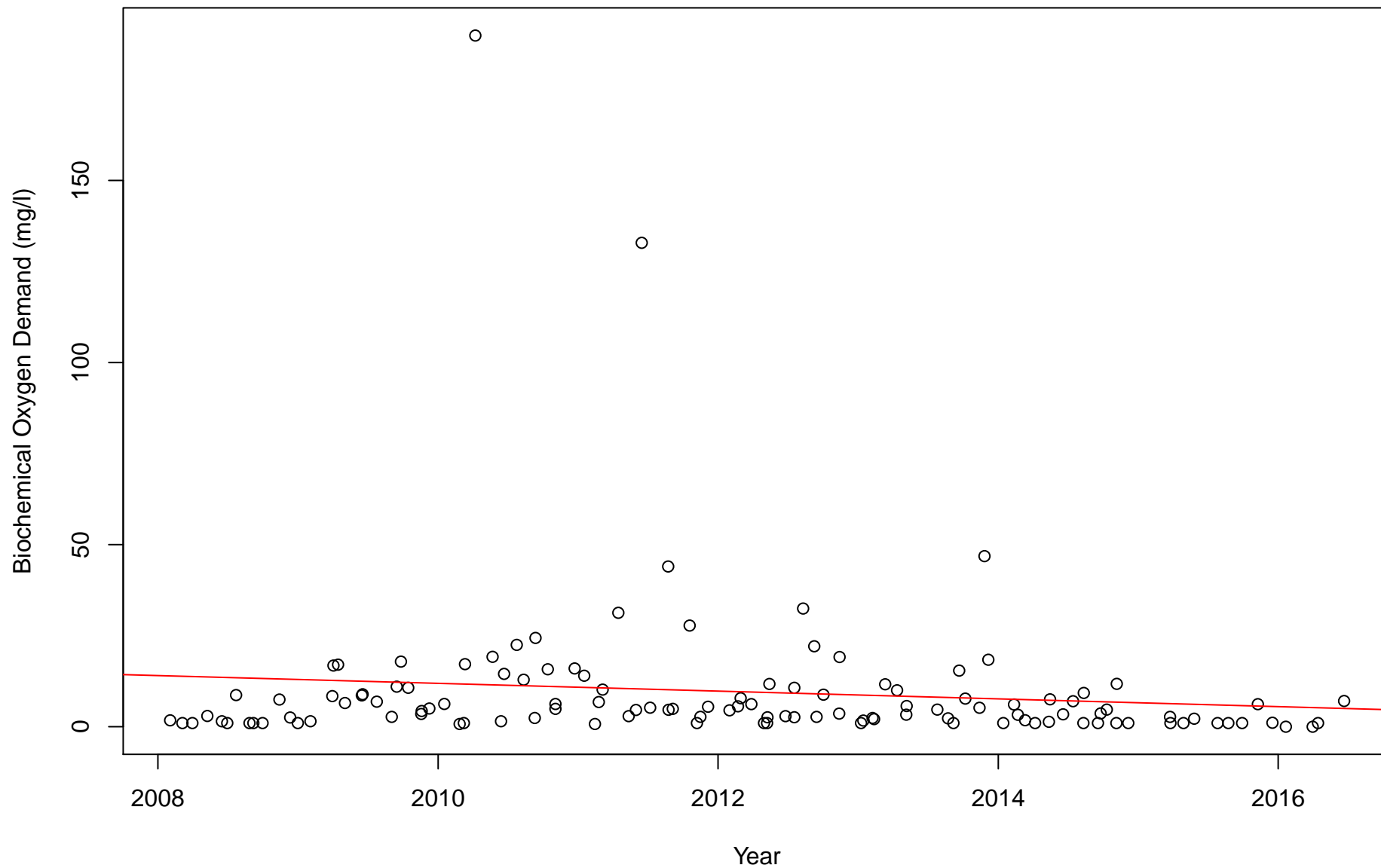
slope = -0.191955926626845; p-value = 0.575872198098354

PG15MSI000012



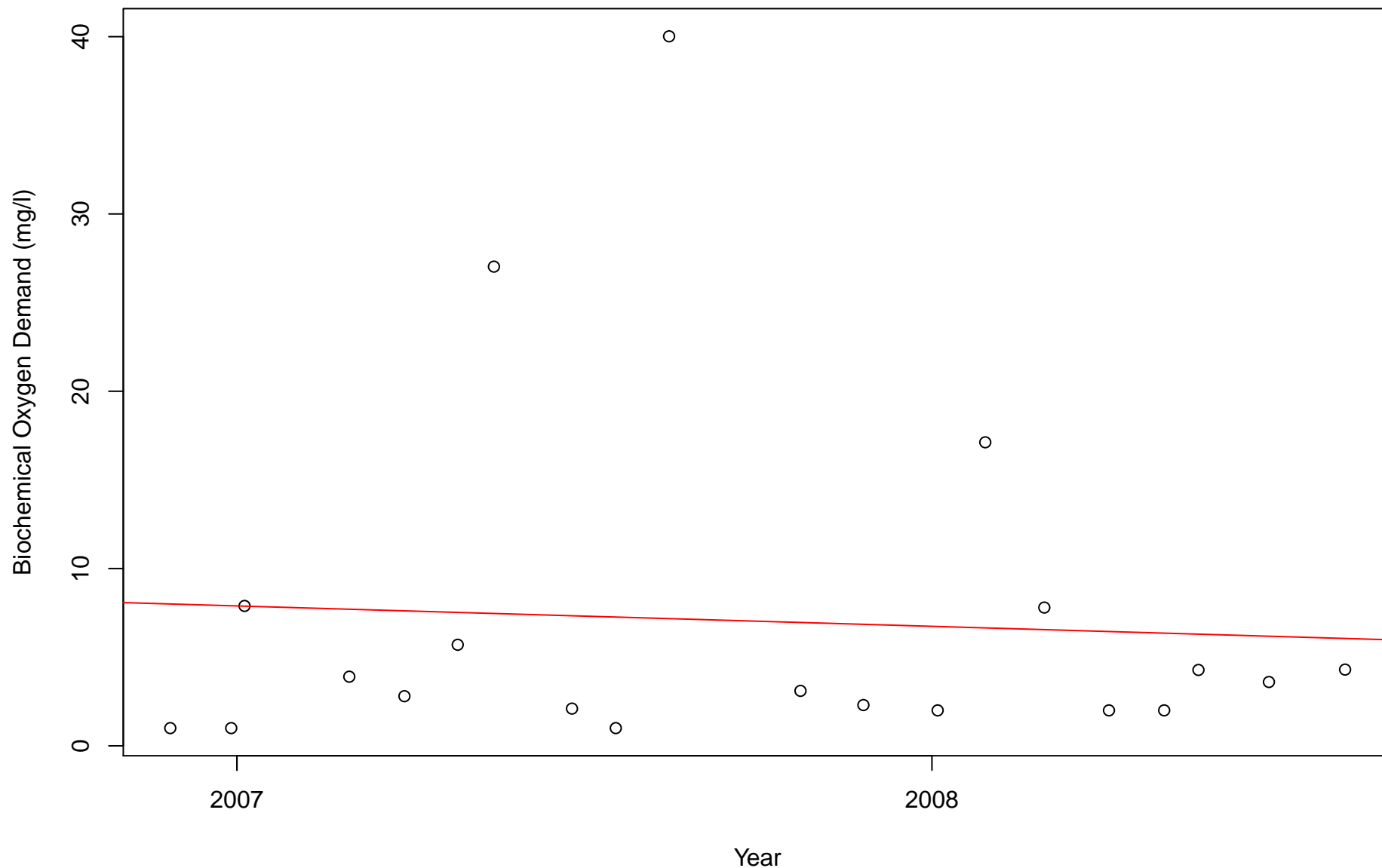
slope = -1.04740213128672 ; p-value = 0.204533264936883

PG15MSI000013



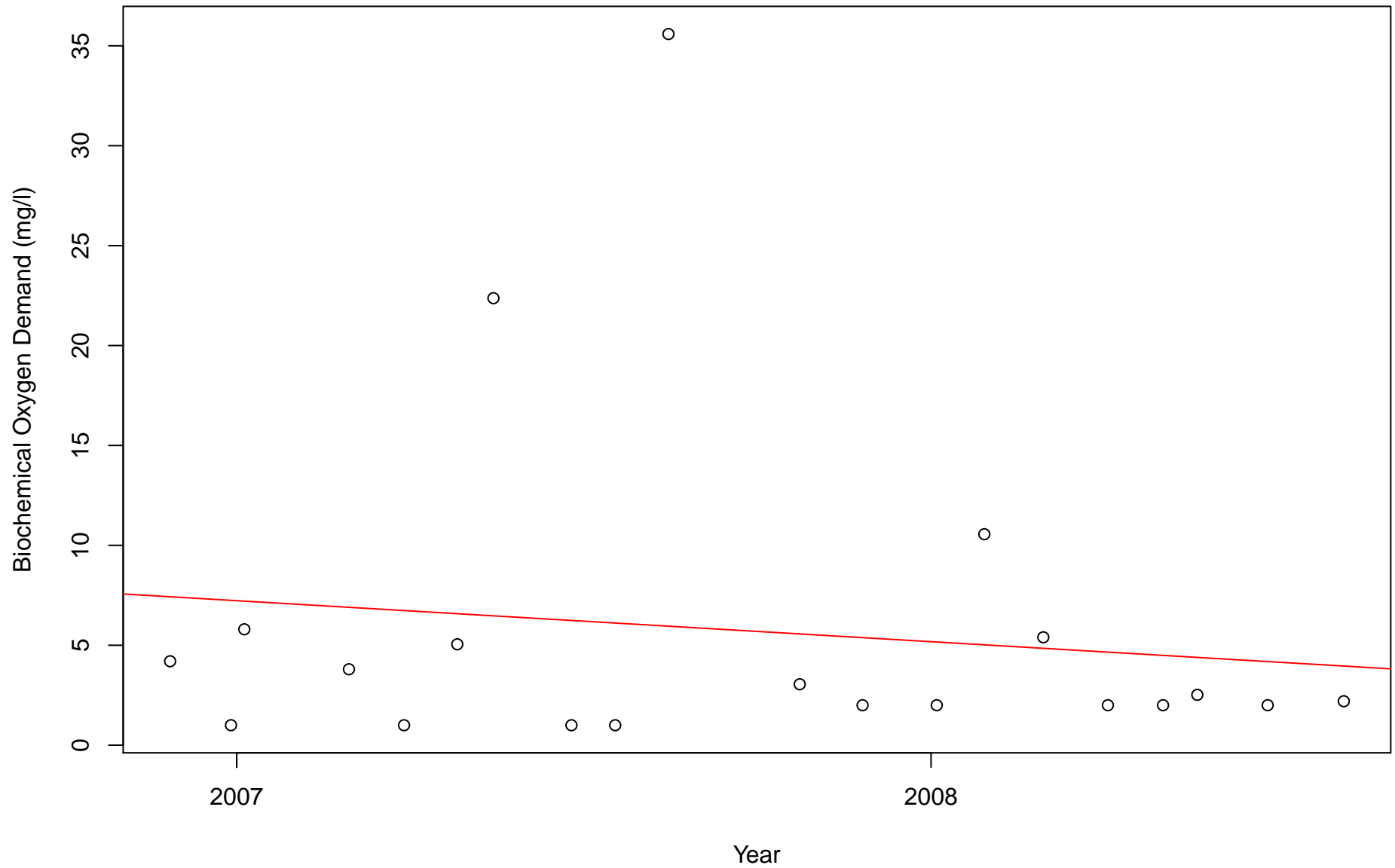
slope = -1.06477281952224; p-value = 0.219607347606228

SHA06MSI00LD01



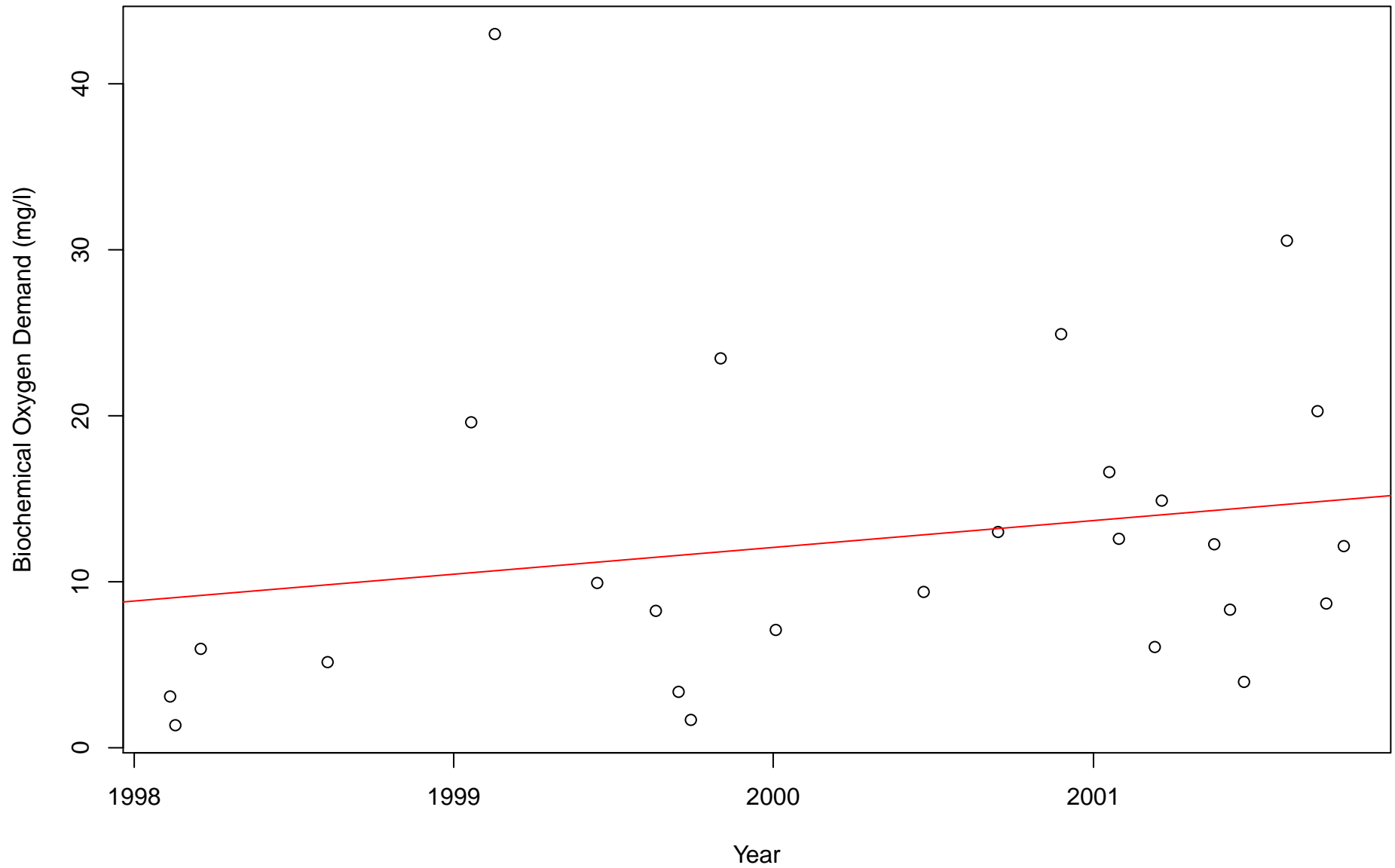
slope = -1.1509041845414 ; p-value = 0.794783954422988

SHA06MSI00LD02



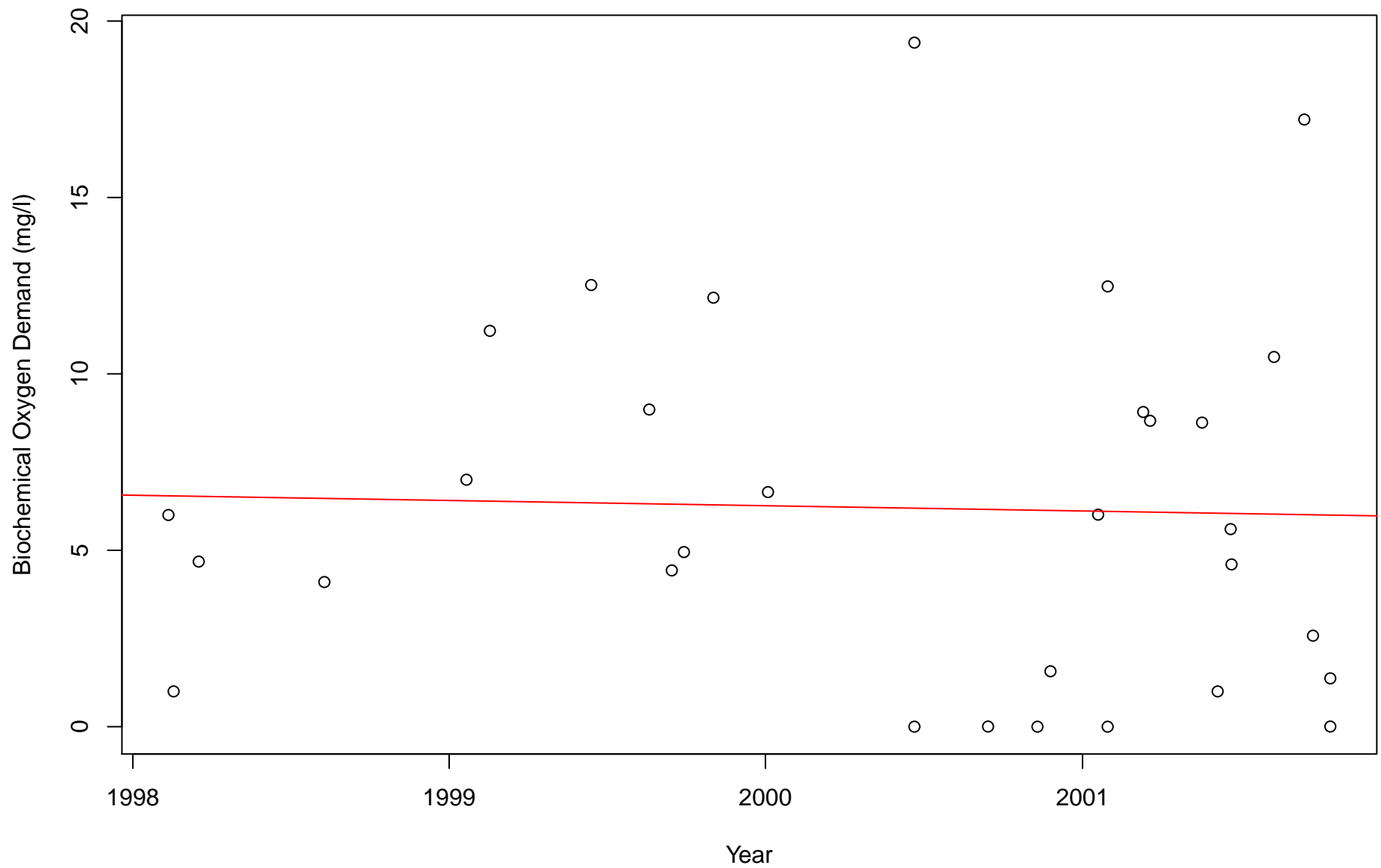
slope = -2.05151447364957 ; p-value = 0.586725727966128

SHA98MSI00PS01



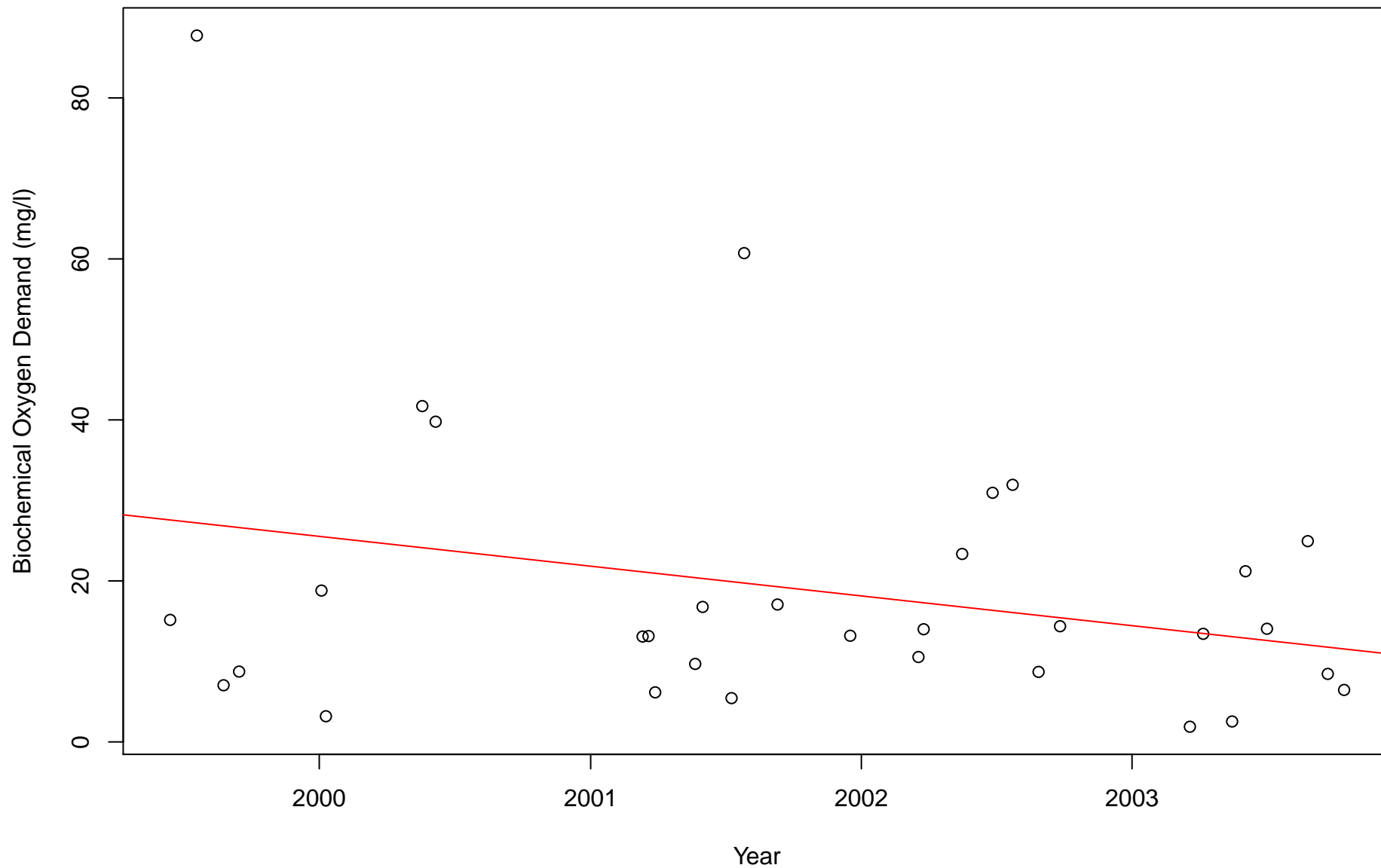
slope = 1.61416524958551; p-value = 0.325033612891371

SHA98MSI00PS02

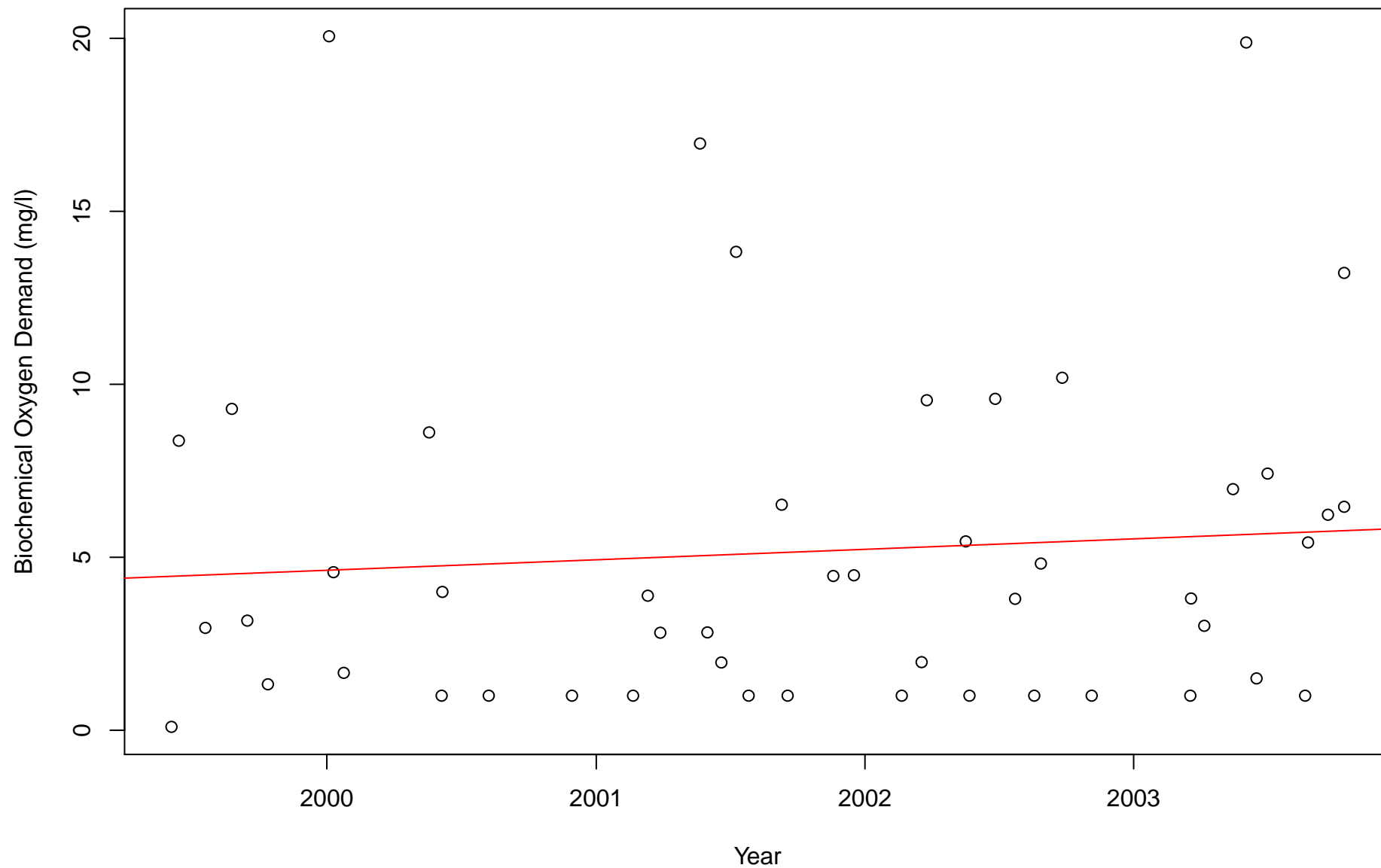


slope = -0.148568714685294 ; p-value = 0.857400690547826

SHA99MSI00DV01

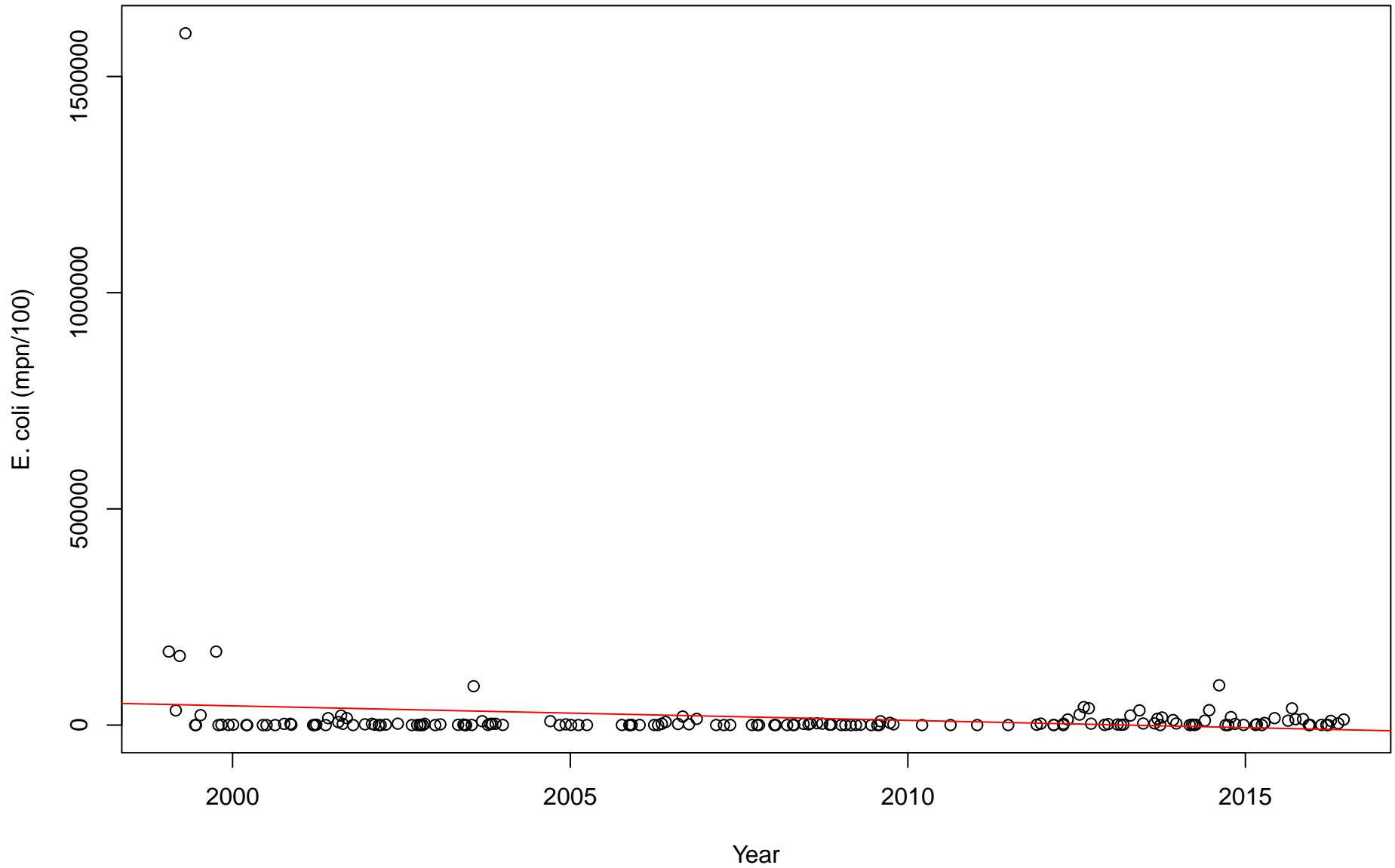


SHA99MSI00DV02



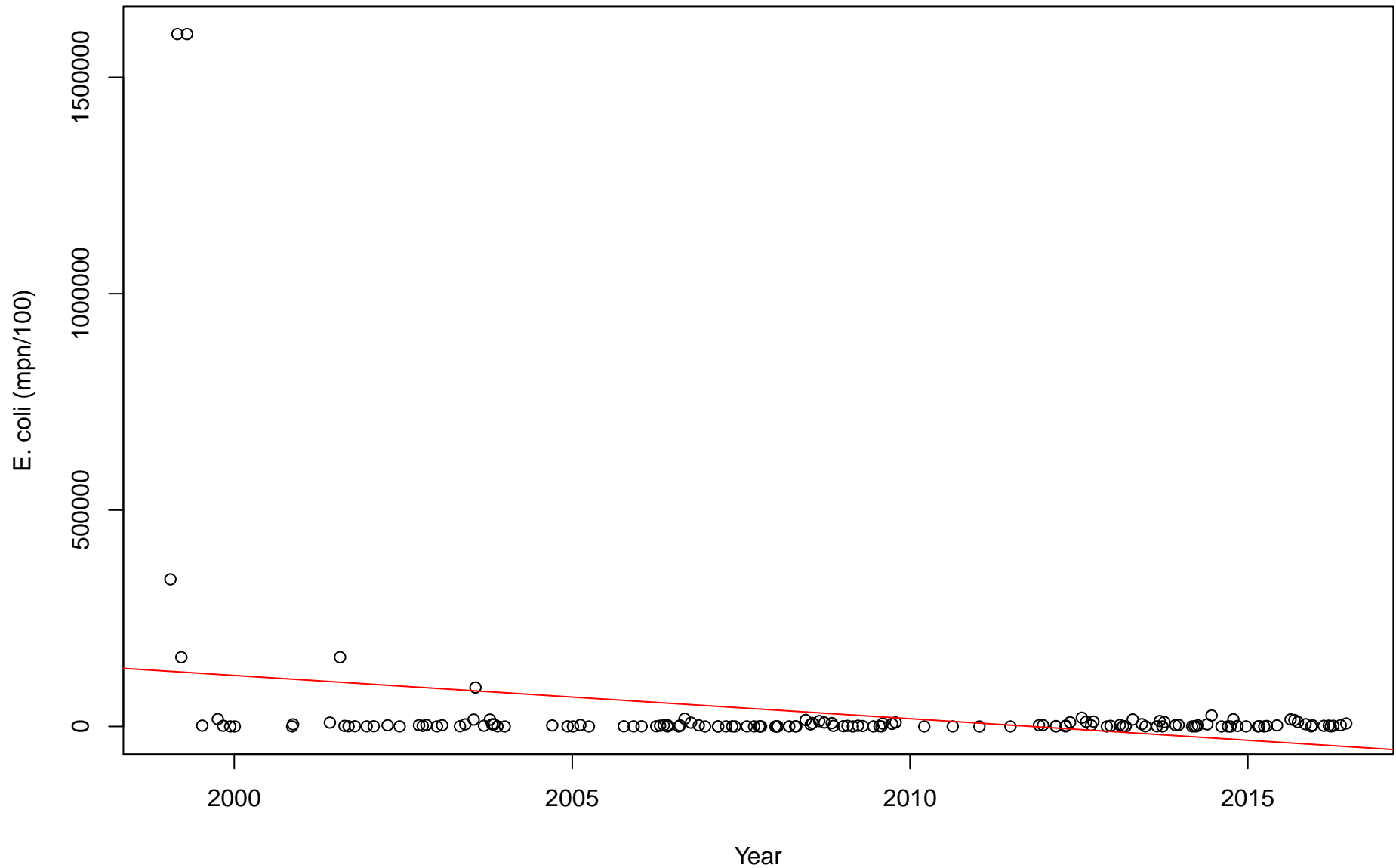
slope = 0.302230318876779; p-value = 0.566686460029425

AA94MSI000008

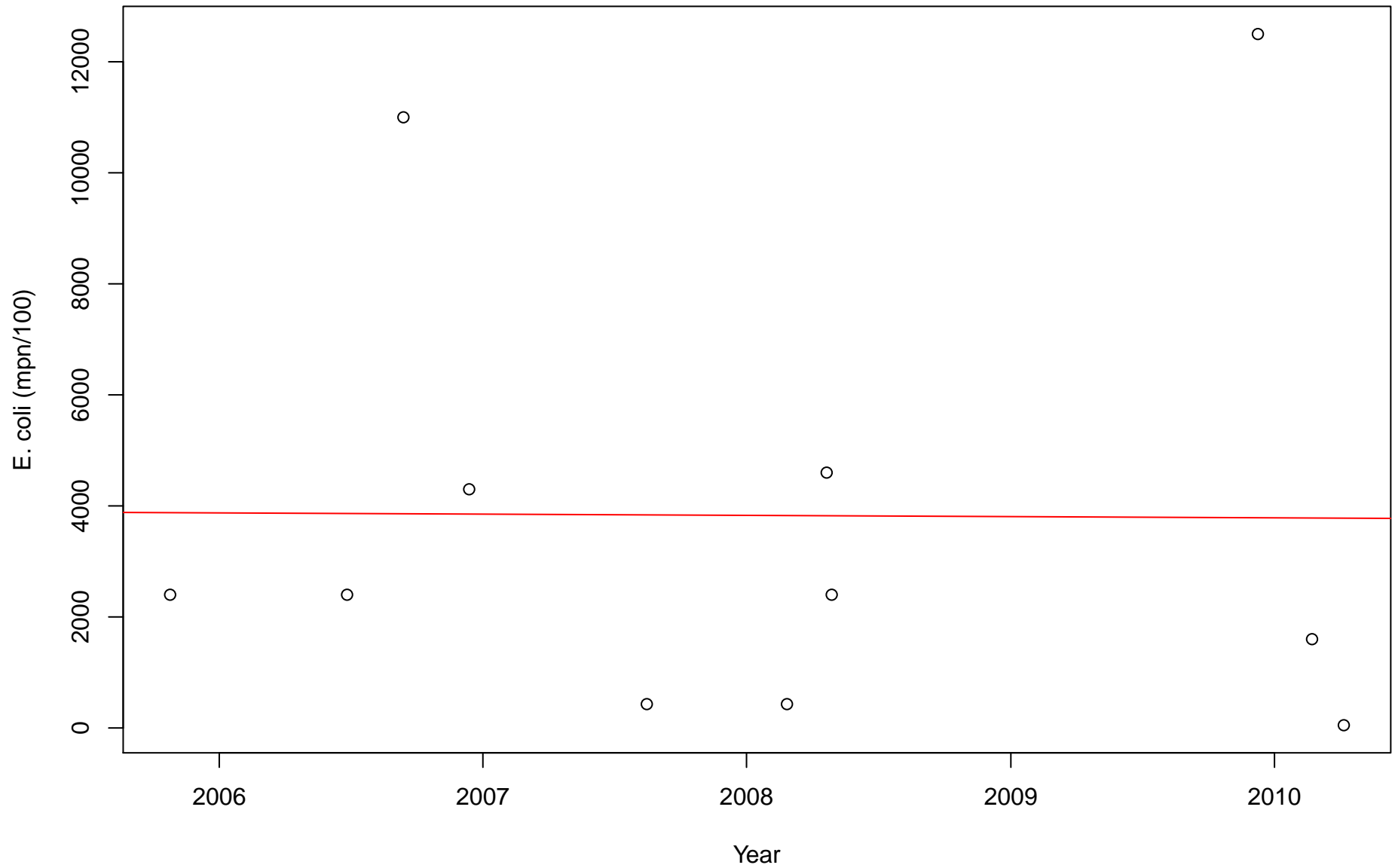


slope = -3356.39940245228; p-value = 0.069016710716427

AA94MSI000009

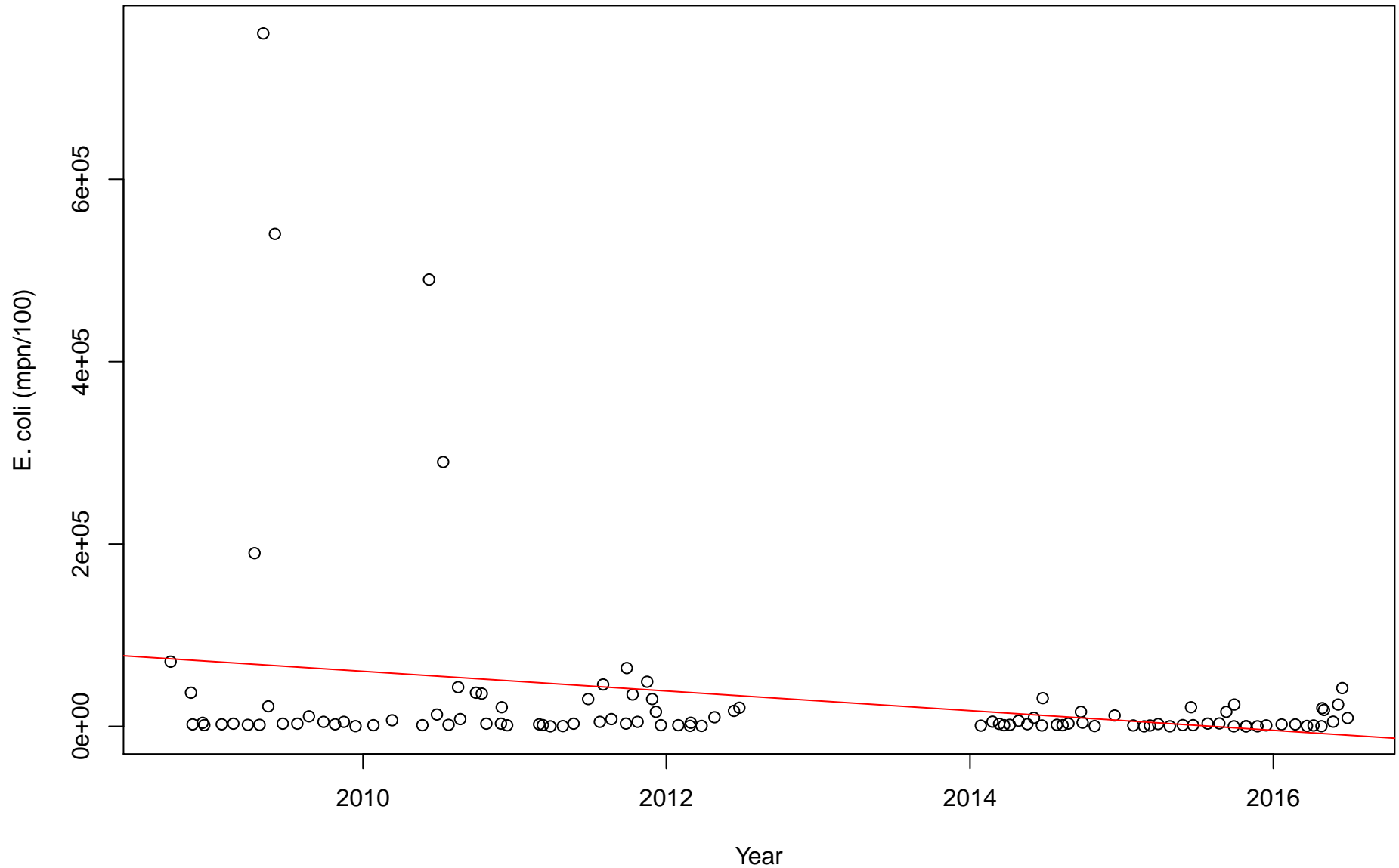


BA05MSI000SL01



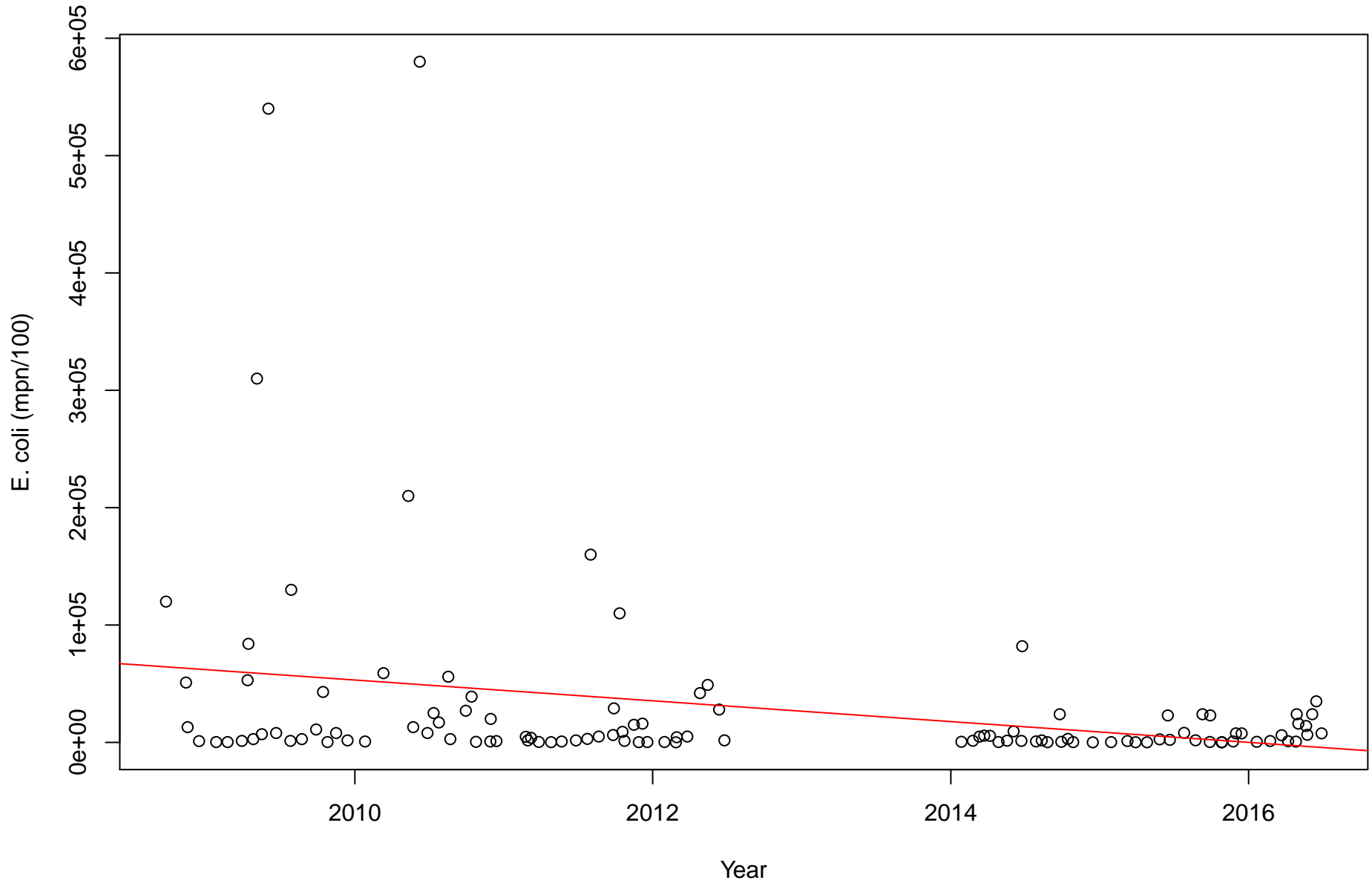
slope = -22.1954478695198; p-value = 0.981036192445574

BC16MS000I81

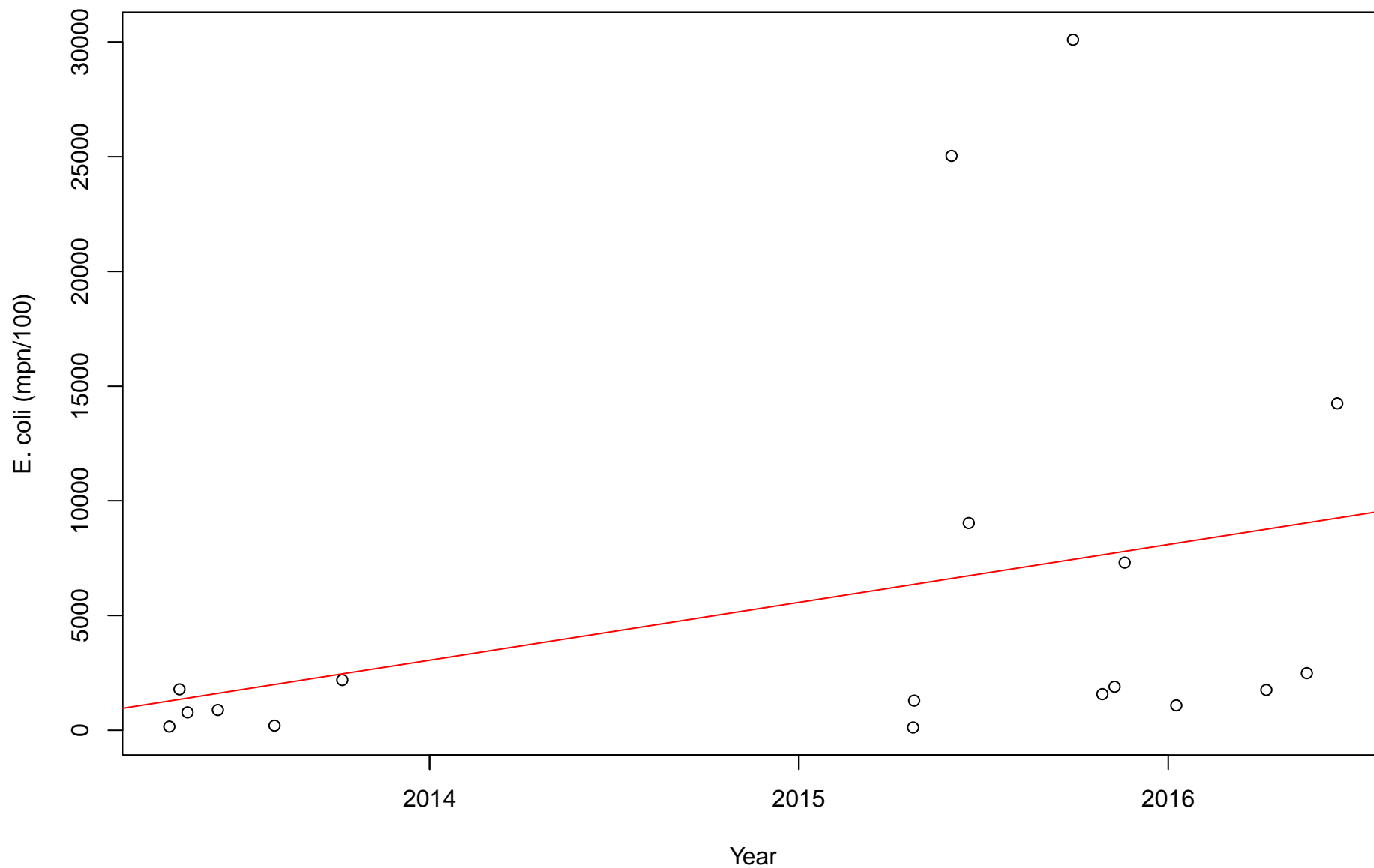


slope = -10787.8920719852; p-value = 0.00847907559674571

BC16MS000I82

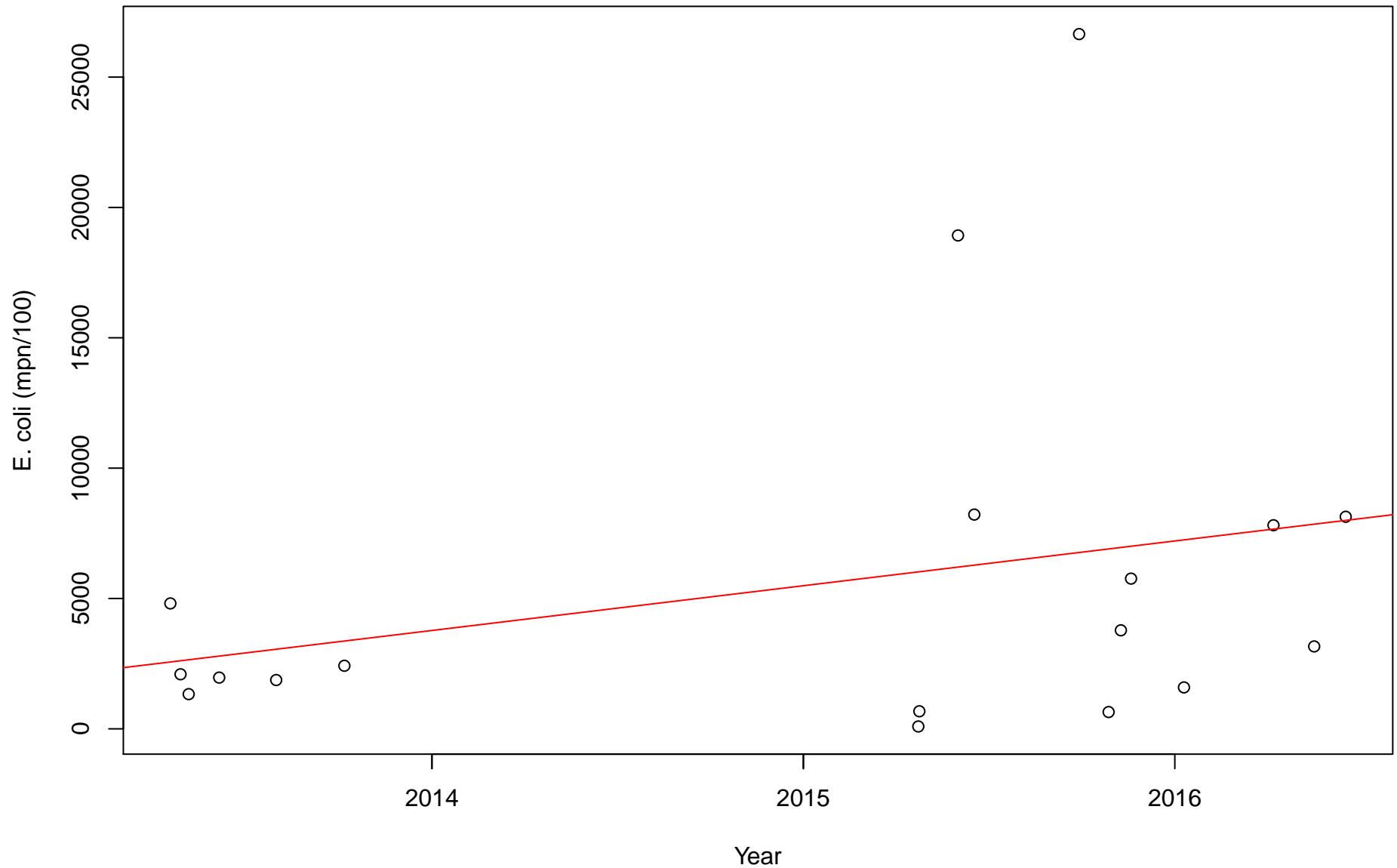


CC15MSI000001



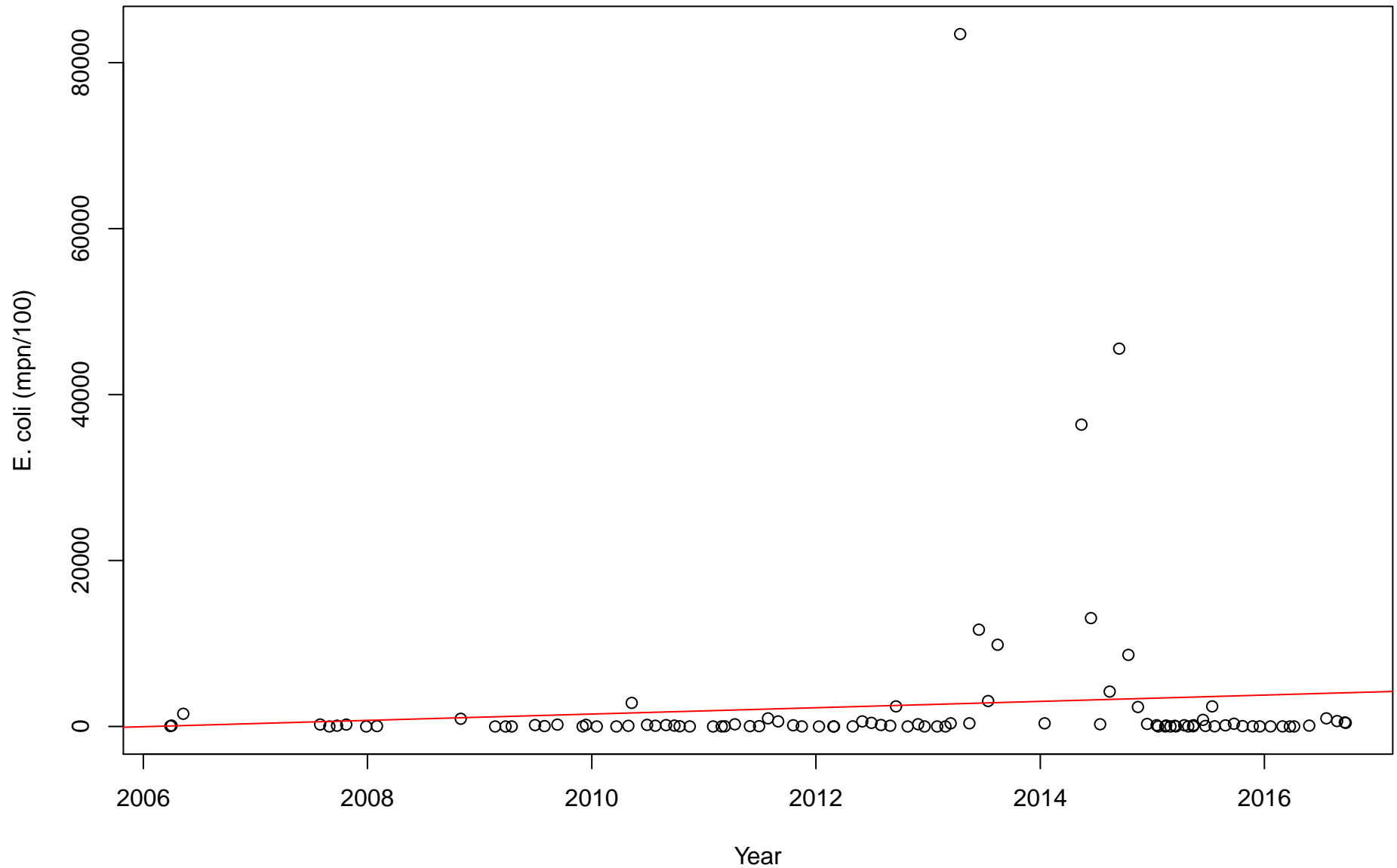
slope = 2520.19554000382; p-value = 0.163935153528506

CC15MSI000002



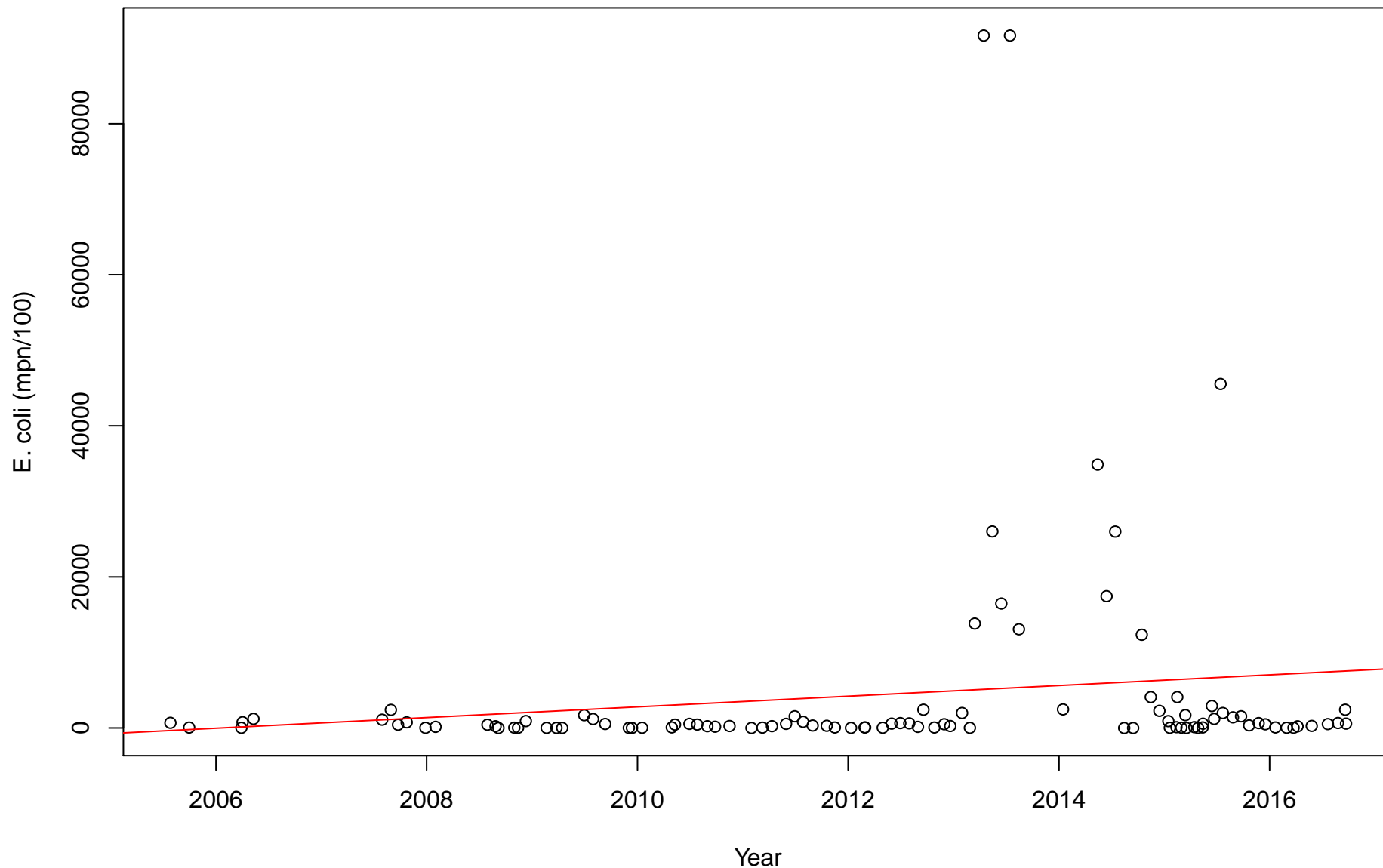
slope = 1716.59418274506; p-value = 0.230017671268977

CR15MSI000003



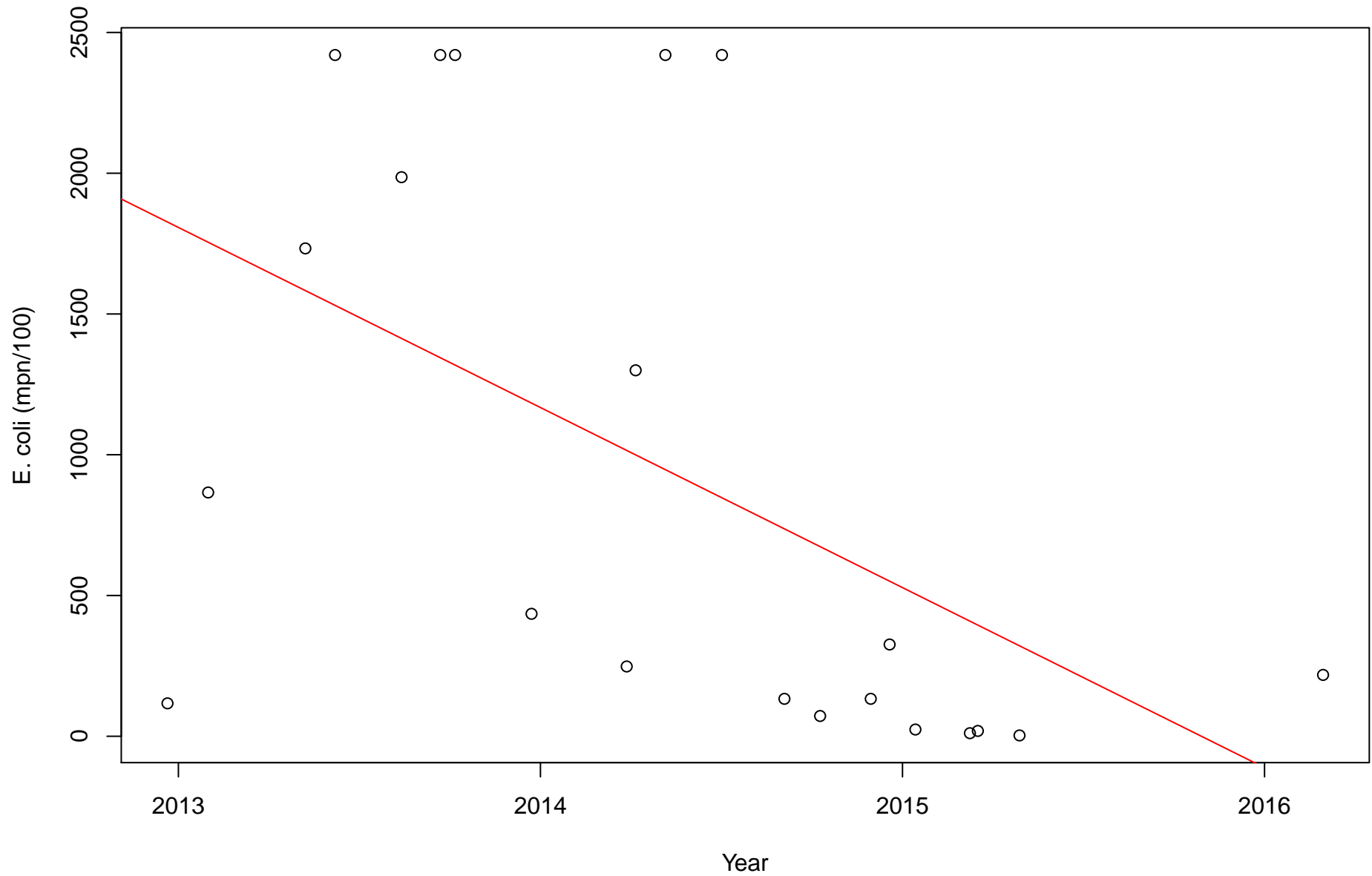
slope = 381.073624553739; p-value = 0.321864026646206

CR15MSI000004



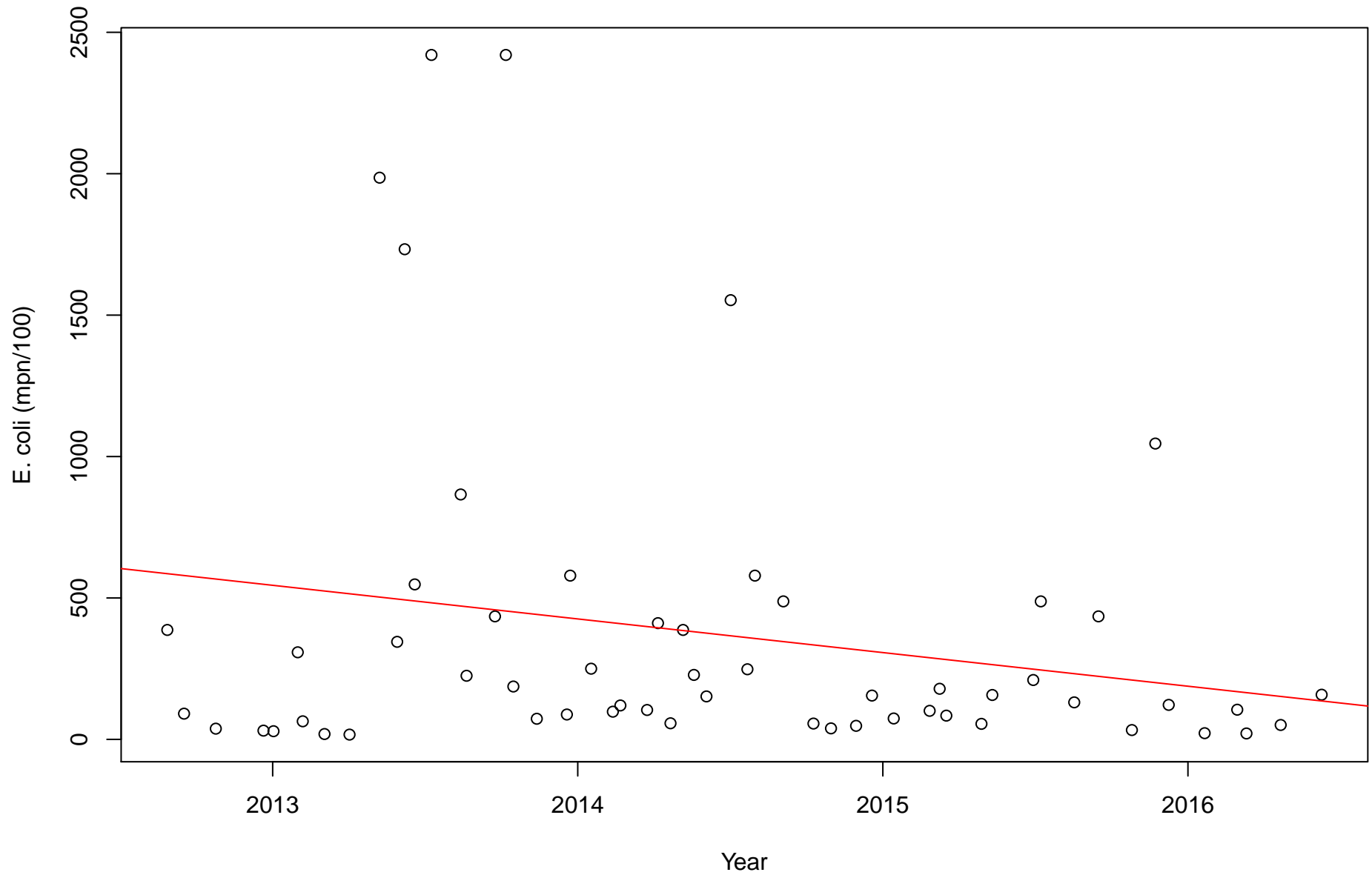
slope = 706.342691824133; p-value = 0.144130987633192

FR02MSI000059



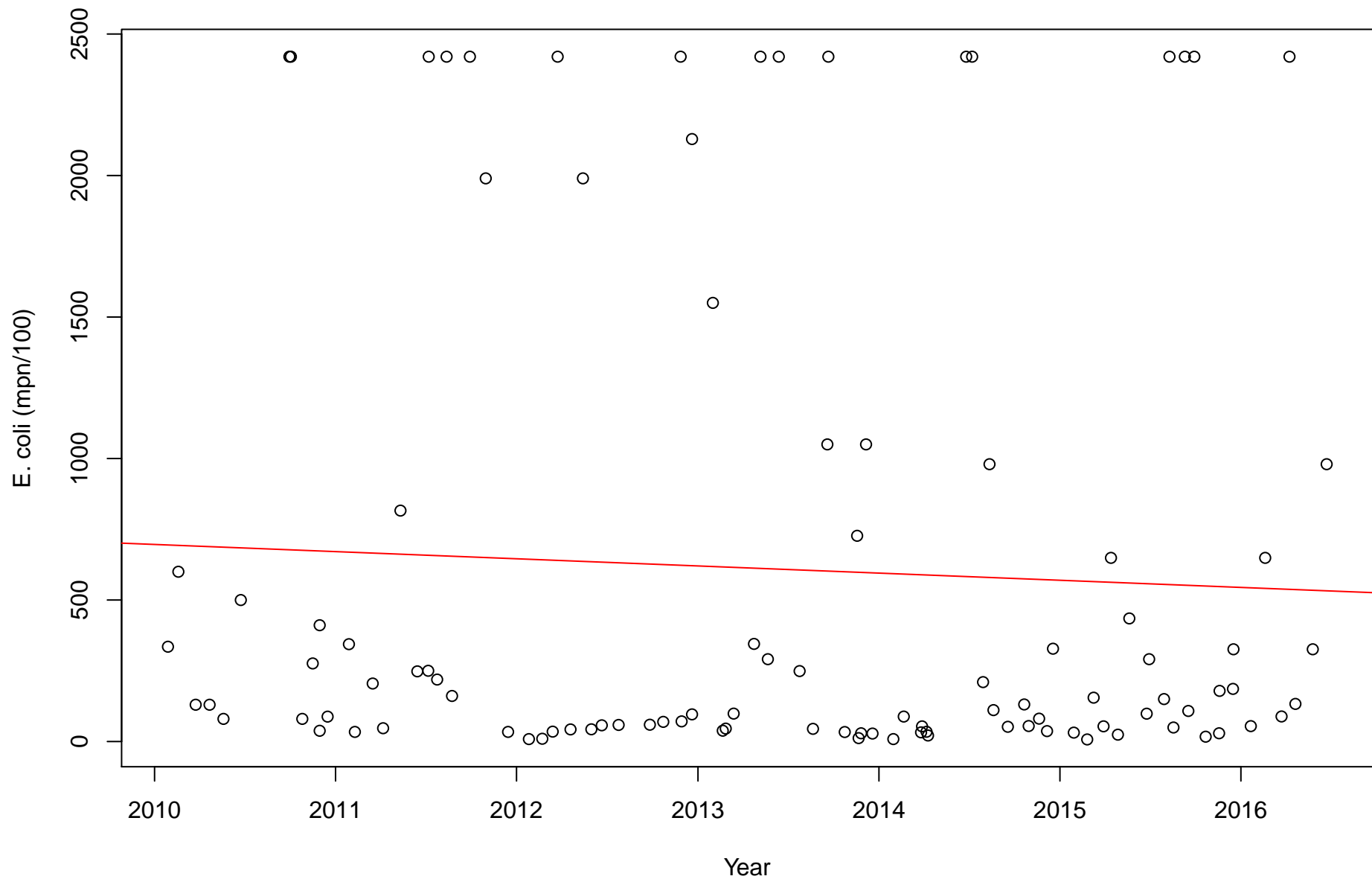
slope = -639.671049922158; p-value = 0.0143625096183152

FR99MSI000058



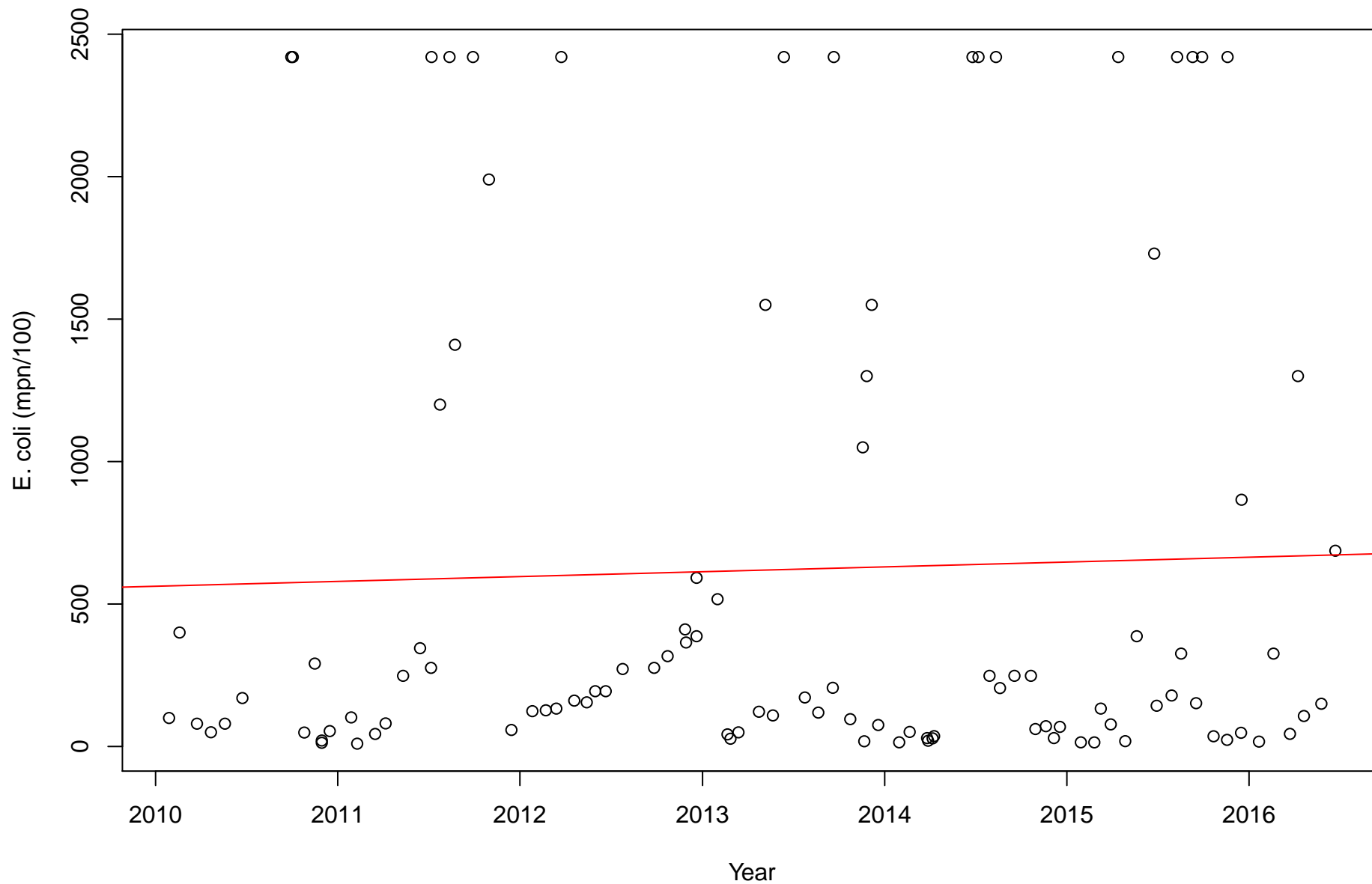
slope = -118.934939862153; p-value = 0.102411006166326

HA10MSI0WC002



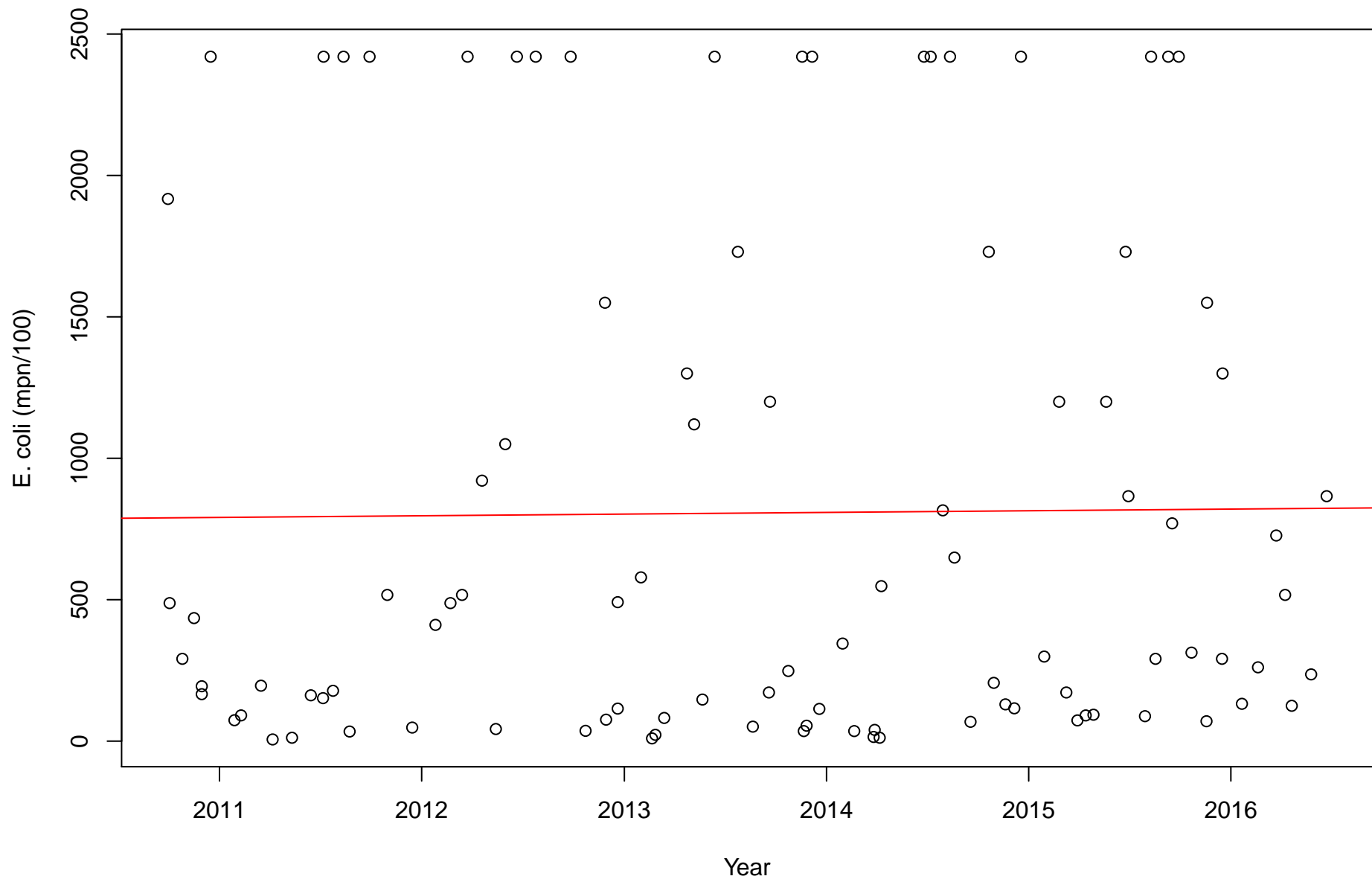
slope = -25.2907083431051; p-value = 0.593188961415706

HA10MSI0WC003



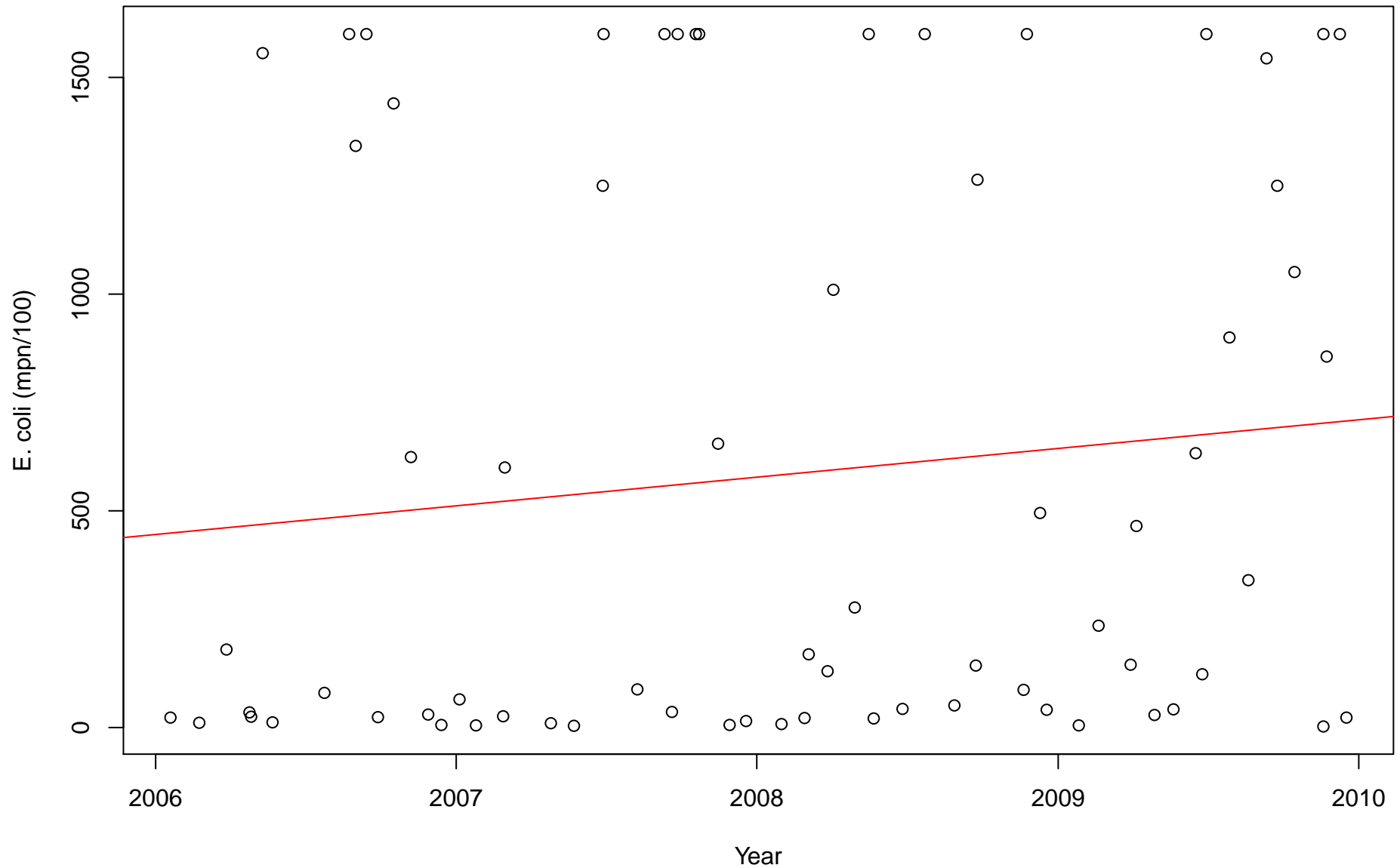
slope = 16.9821710178545; p-value = 0.717393707973383

HA10MSI0WC004



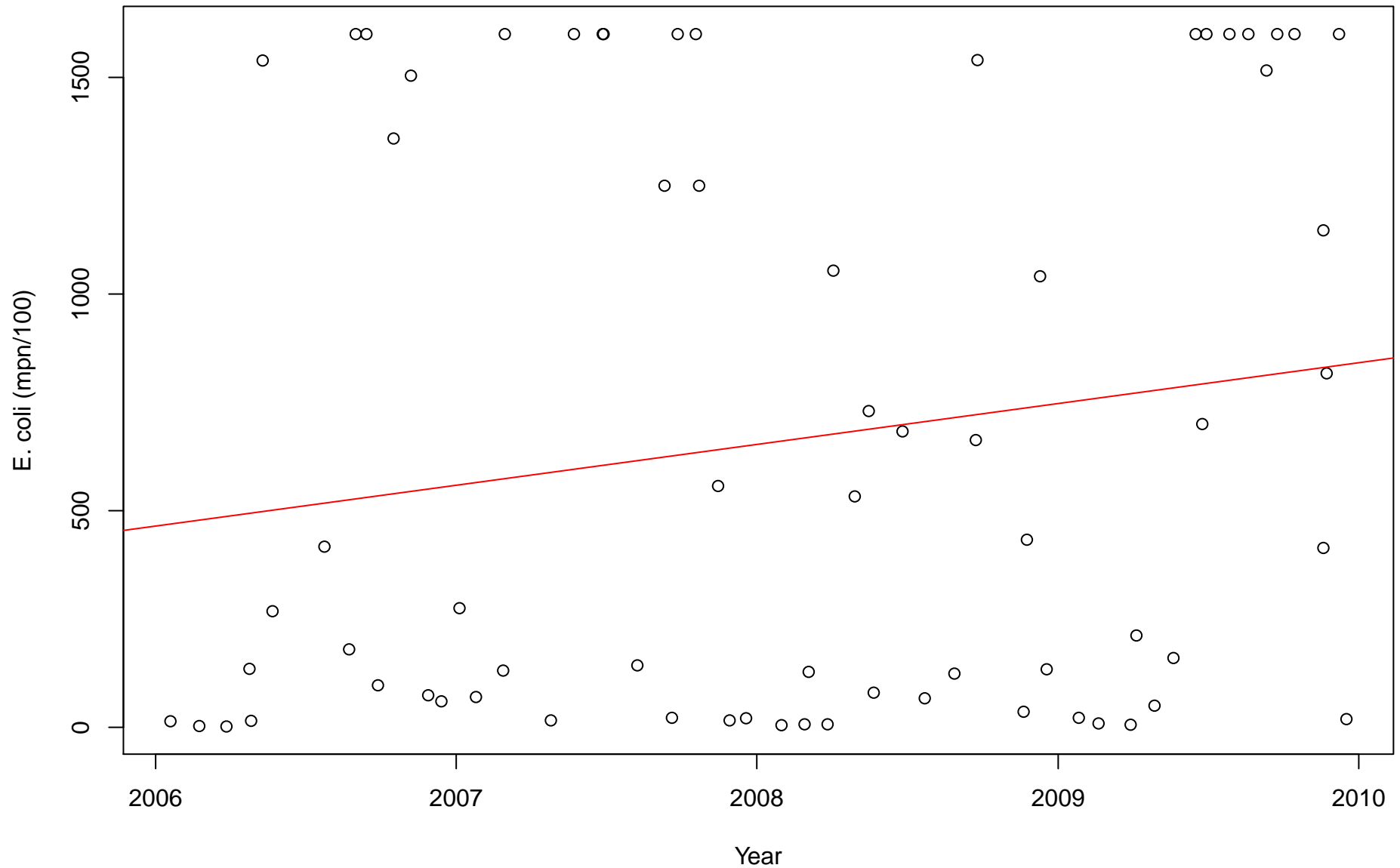
slope = 5.90563267527007; p-value = 0.912646452986908

HA99MSI000001



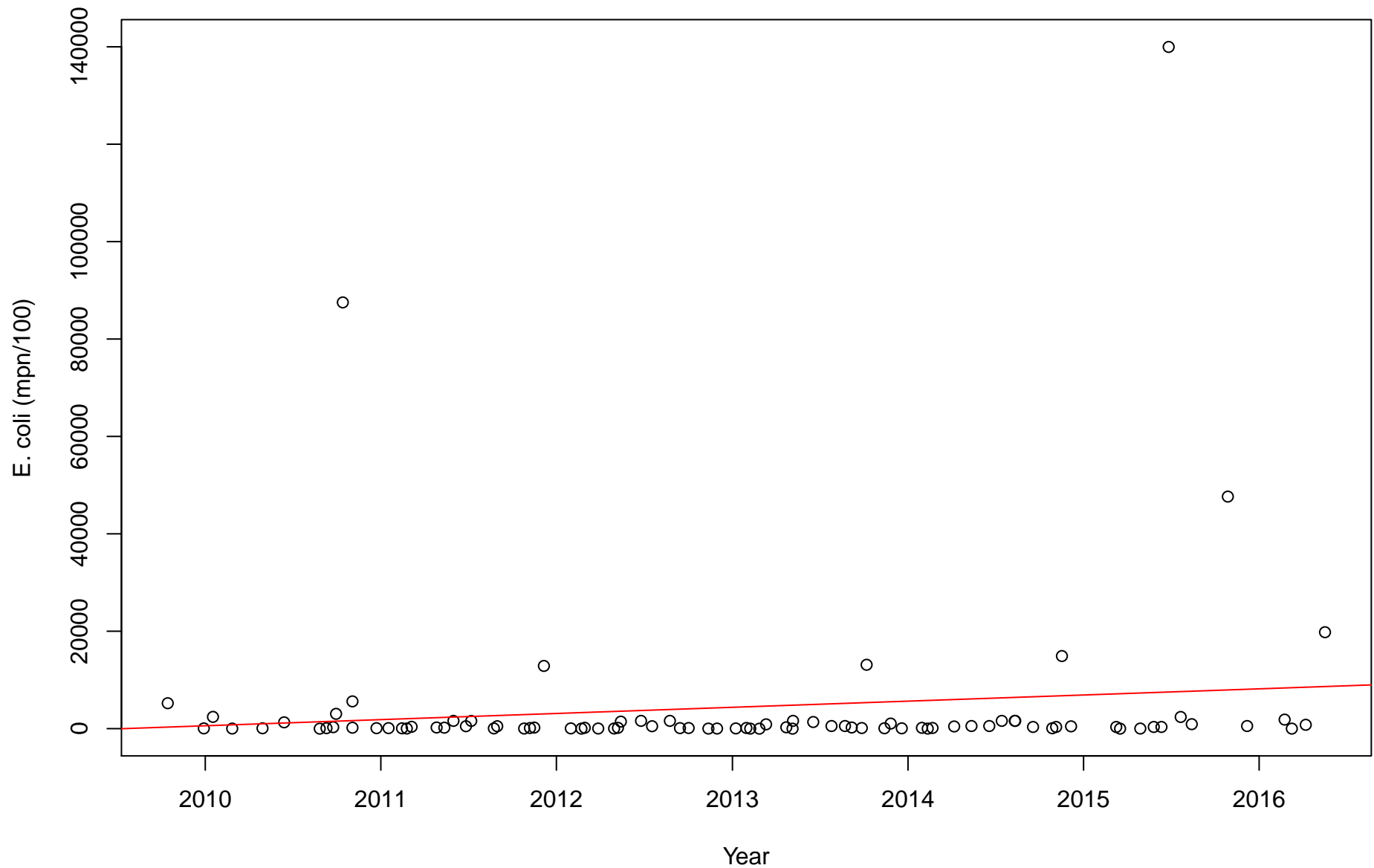
slope = 66.1027828132288; p-value = 0.331633792773132

HA99MSI000002



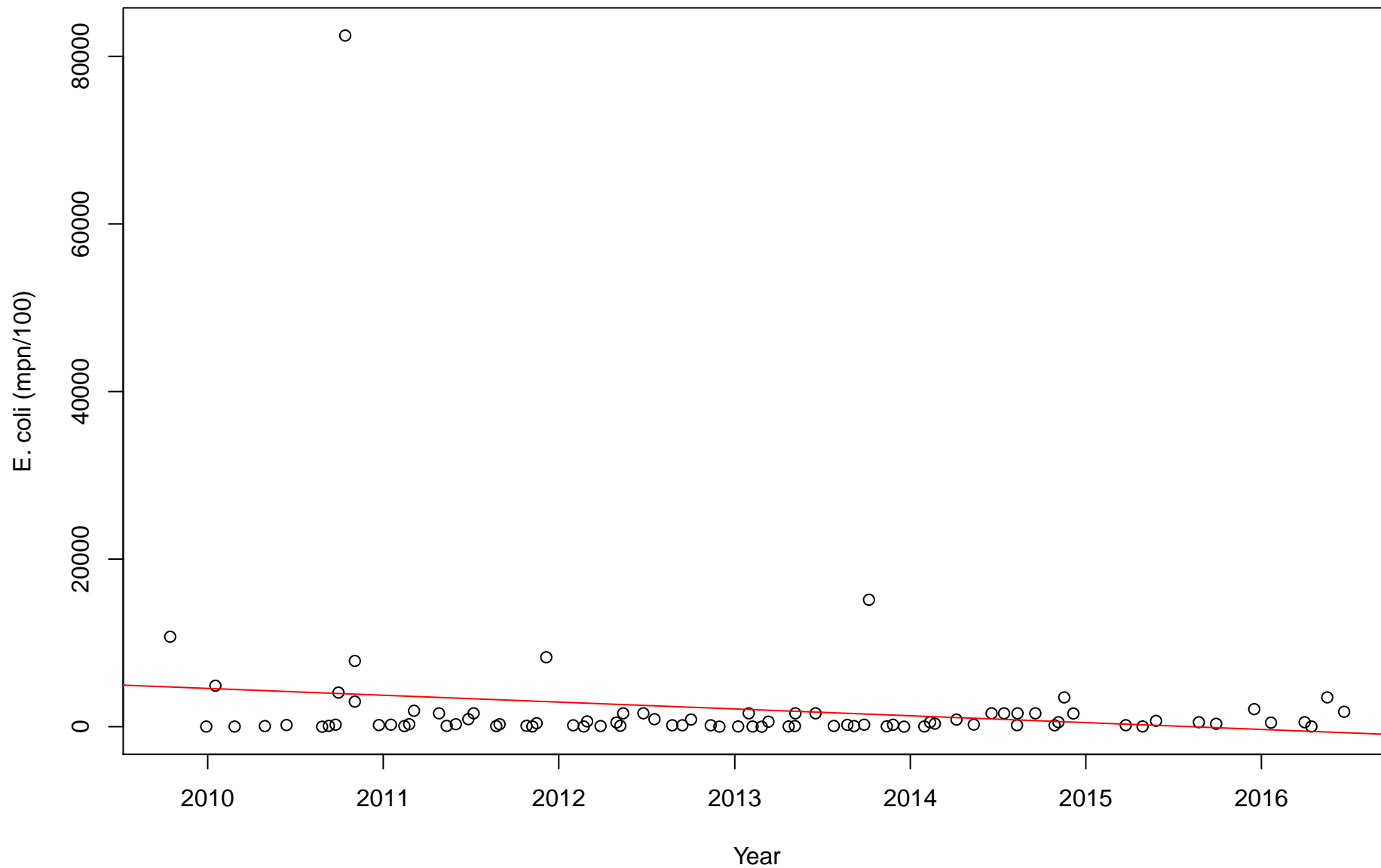
slope = 94.1925158403217; p-value = 0.170446072342955

PG15MSI000012



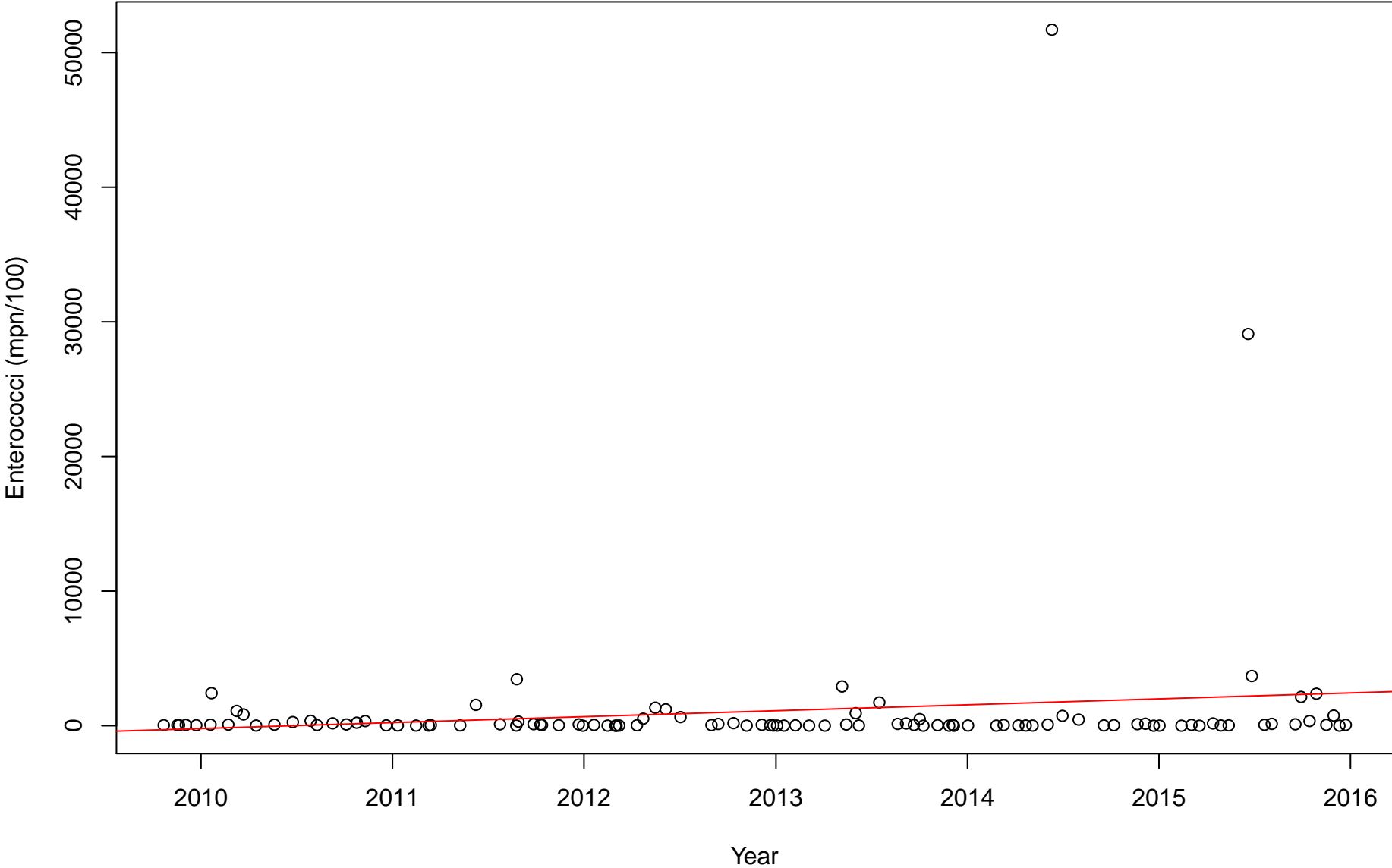
slope = 1263.08242543172; p-value = 0.253395182940527

PG15MSI000013



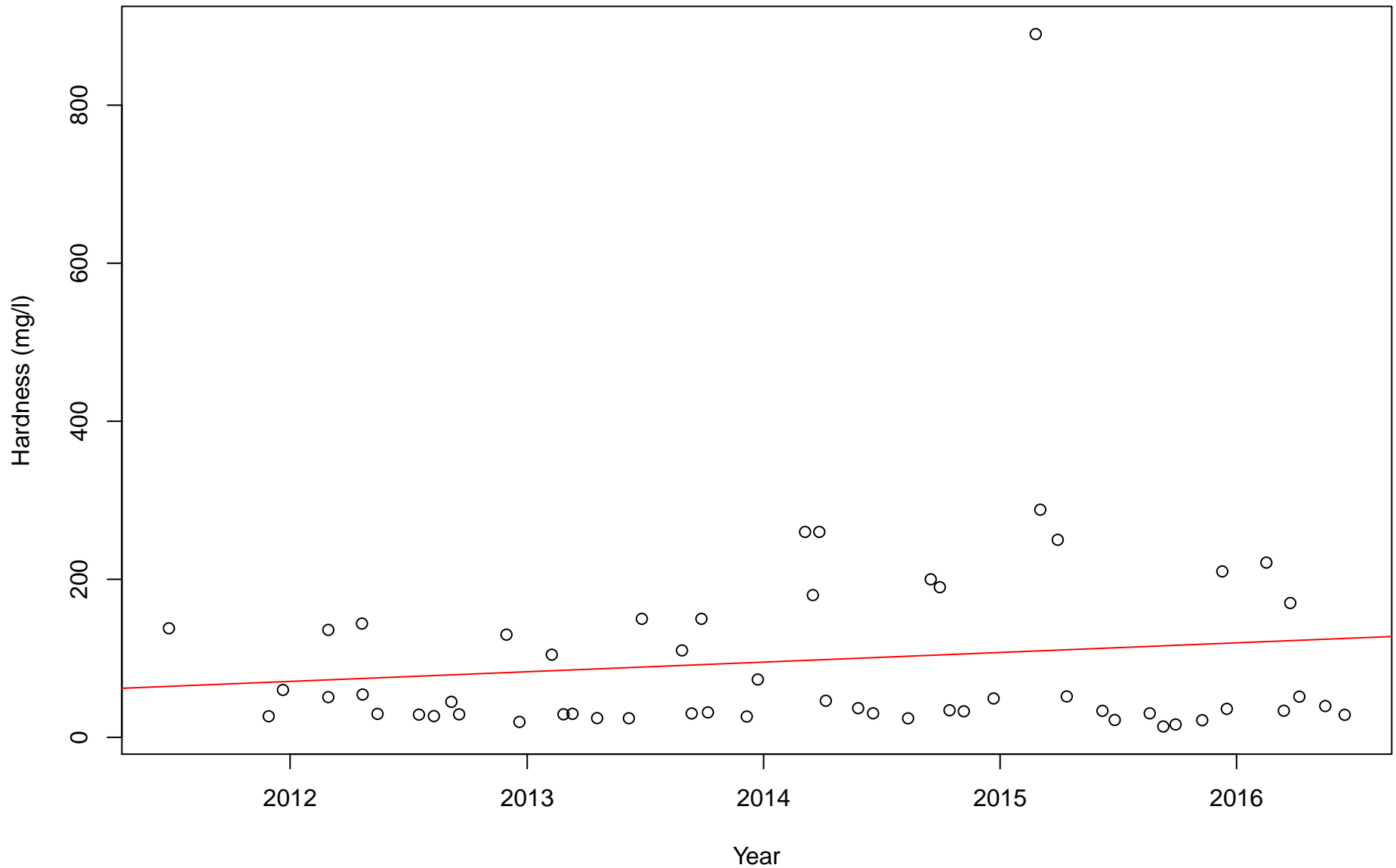
slope = -815.595180006171; p-value = 0.149072746328283

MO09MSI000002



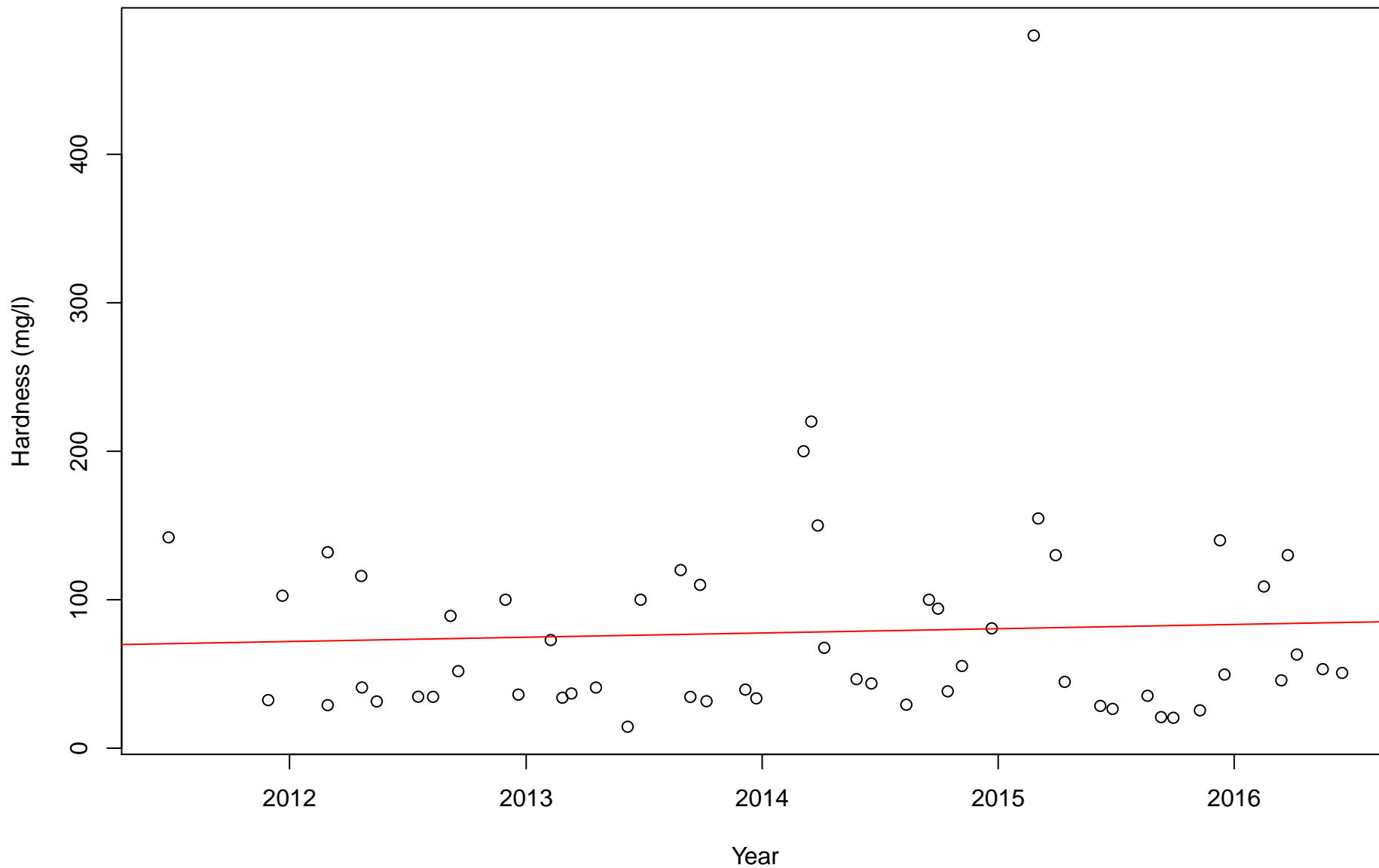
slope = 440.791715095337; p-value = 0.150078895892627

AA94MSI000008



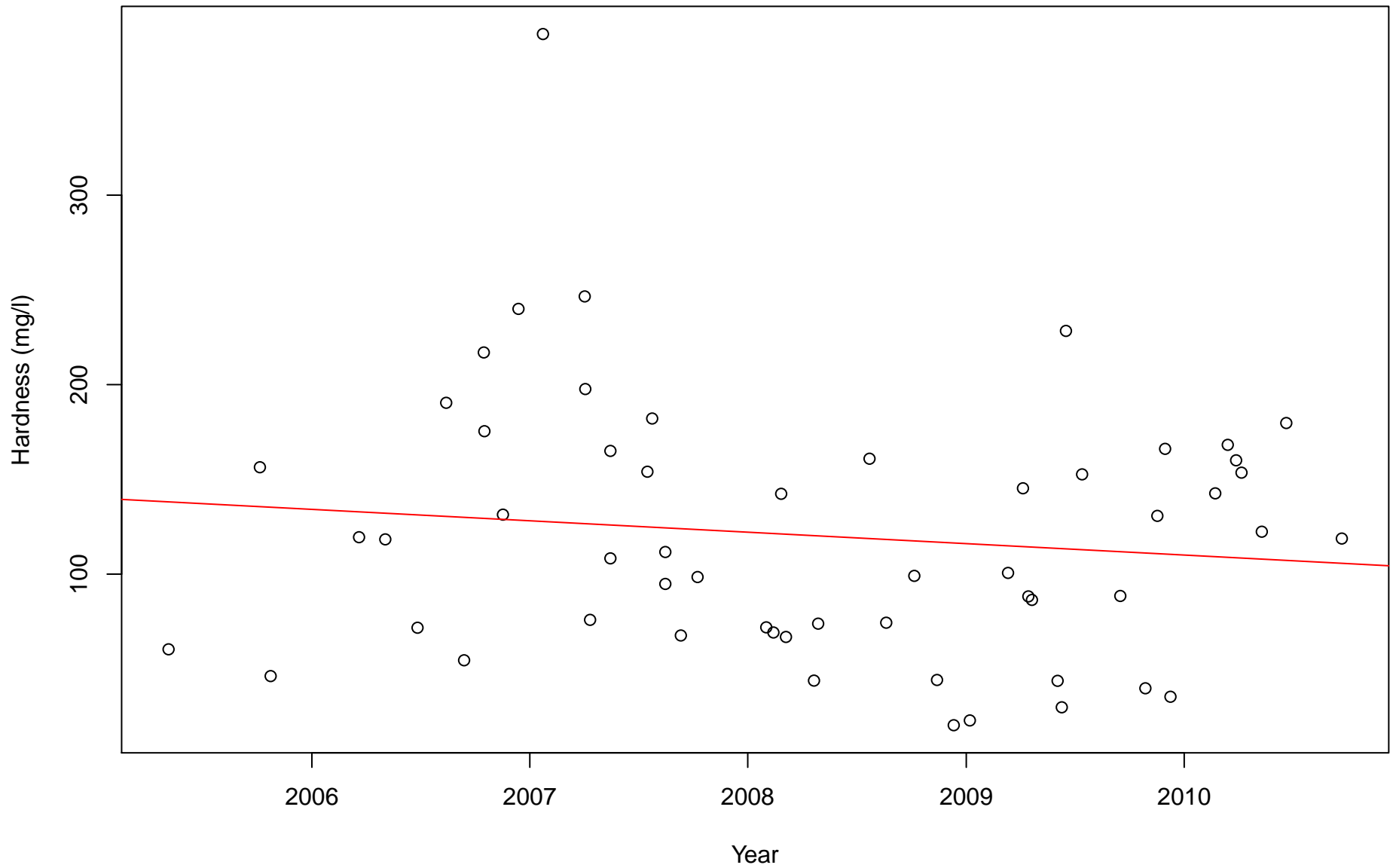
slope = 12.1926268836338; p-value = 0.346330517977302

AA94MSI000009

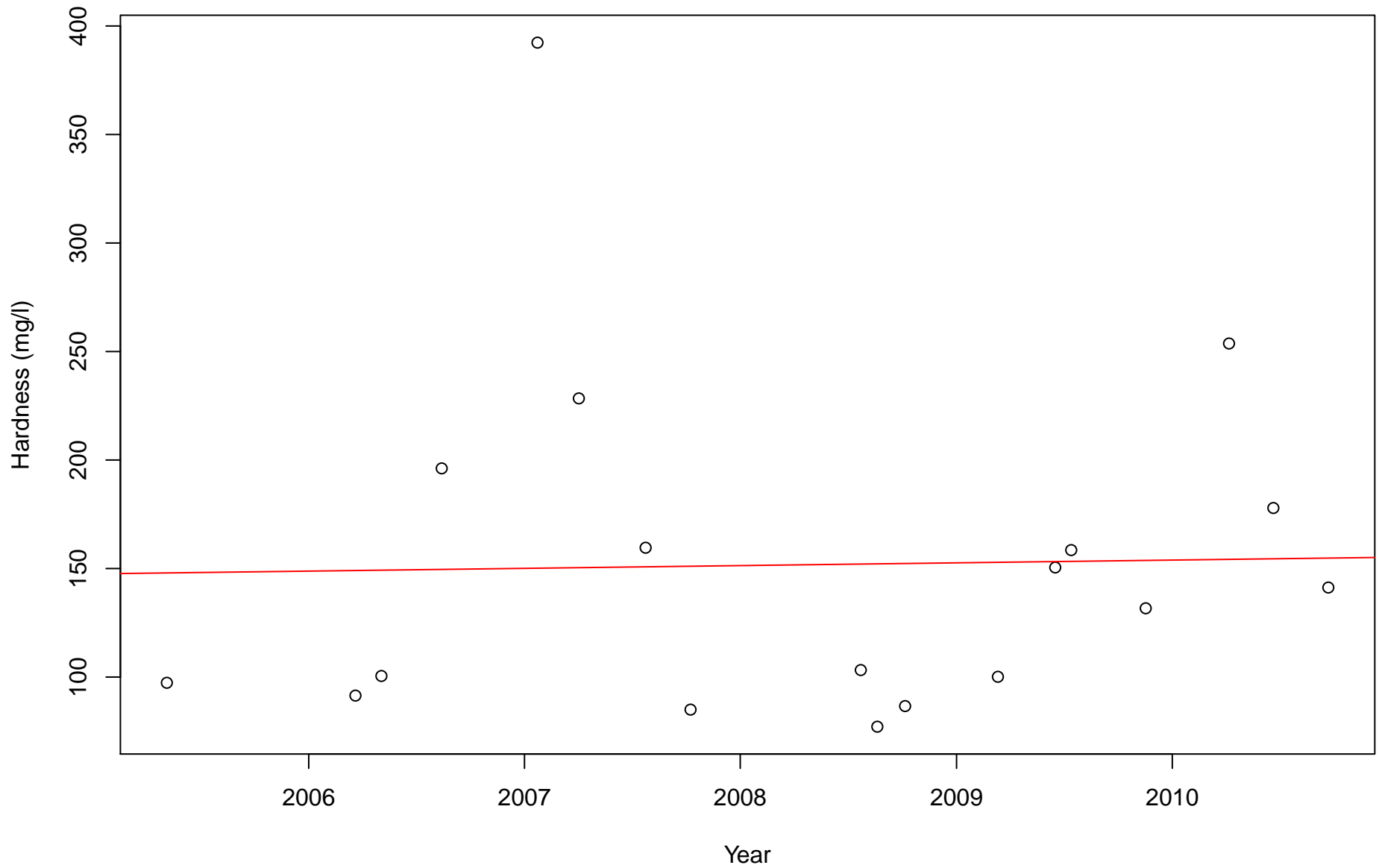


slope = 2.87227672816872; p-value = 0.686703788753353

BA05MSI000SL01

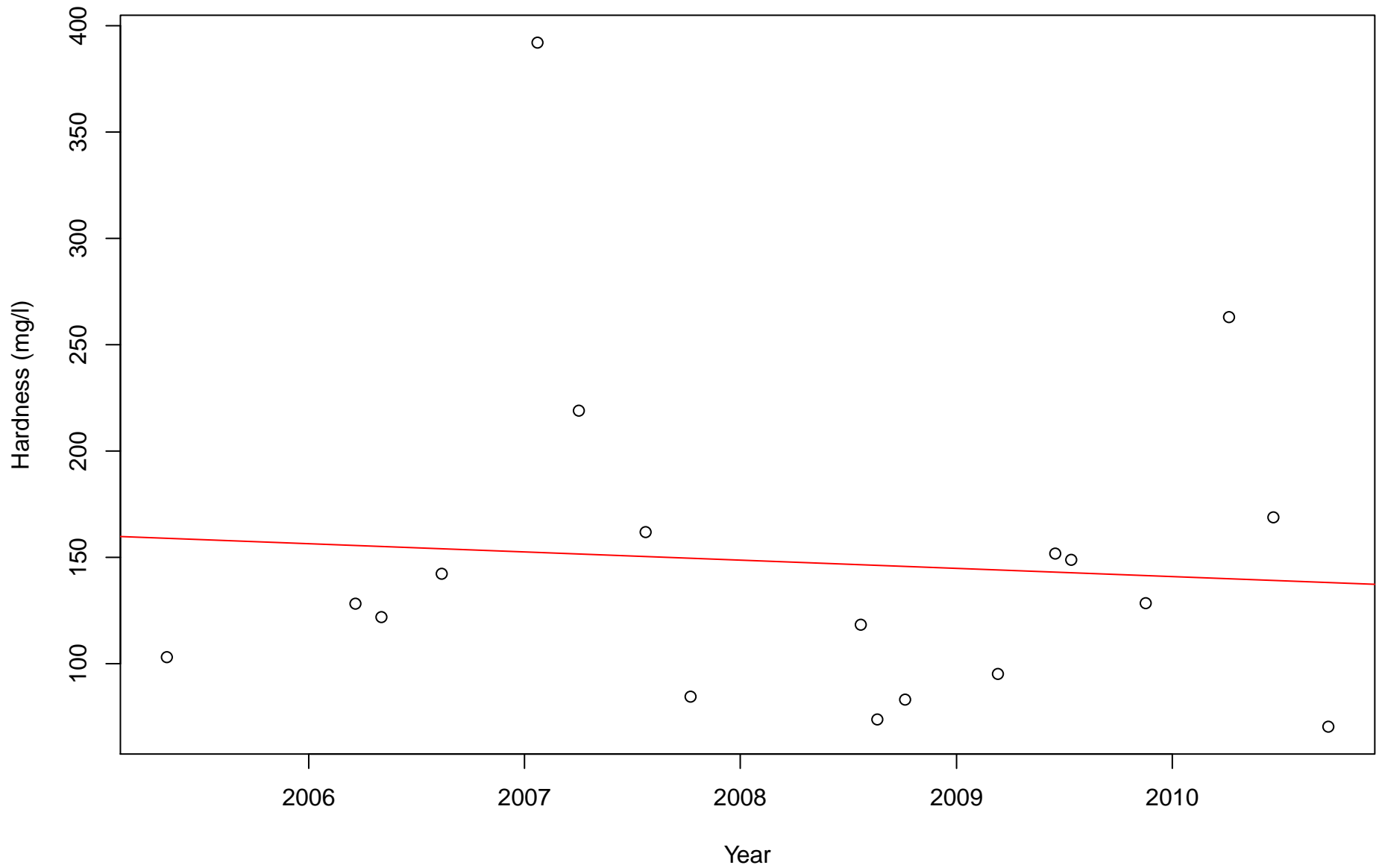


BA05MSI000SL02



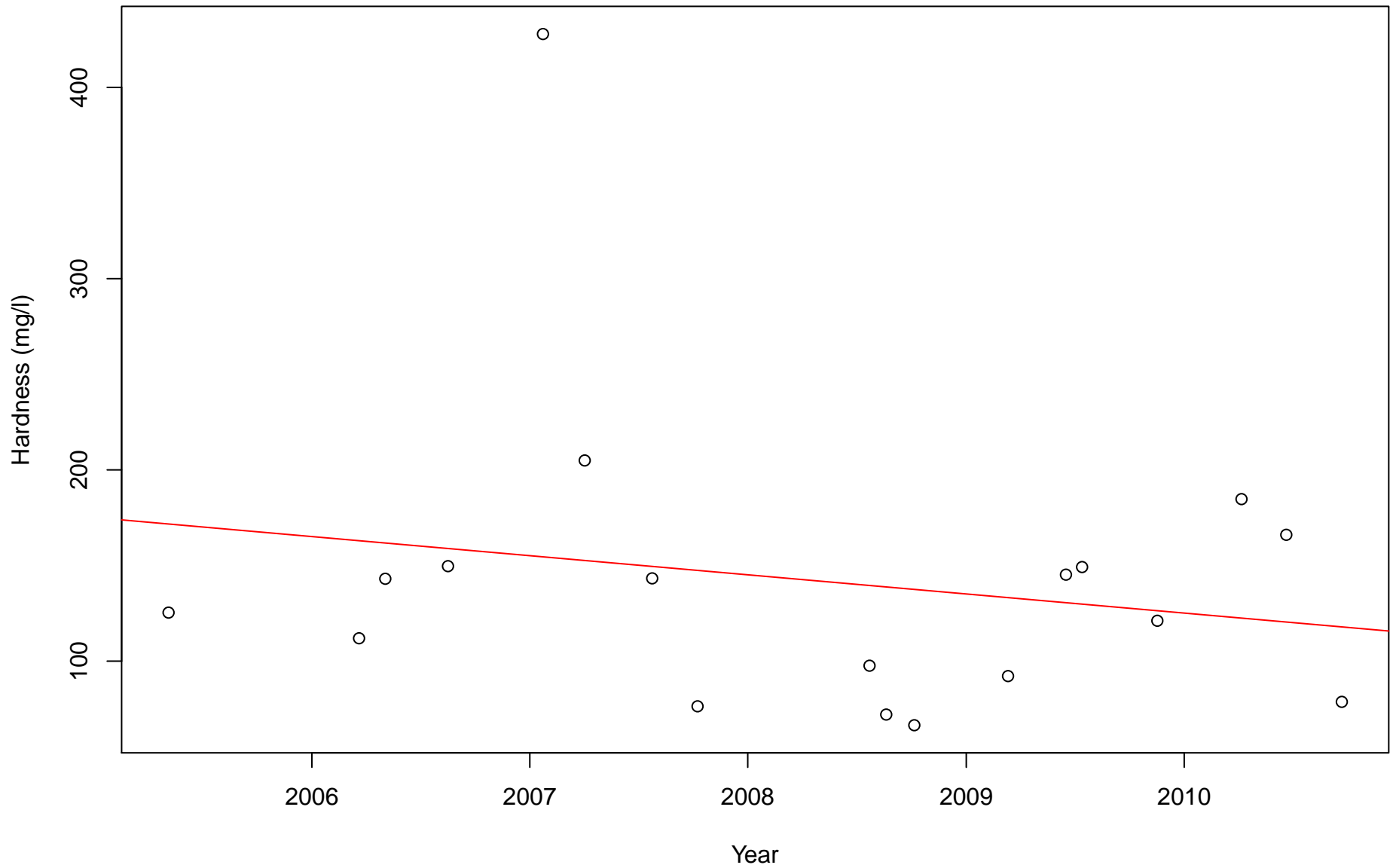
slope = 1.27057790071559; p-value = 0.918525896022767

BA05MSI000SL03



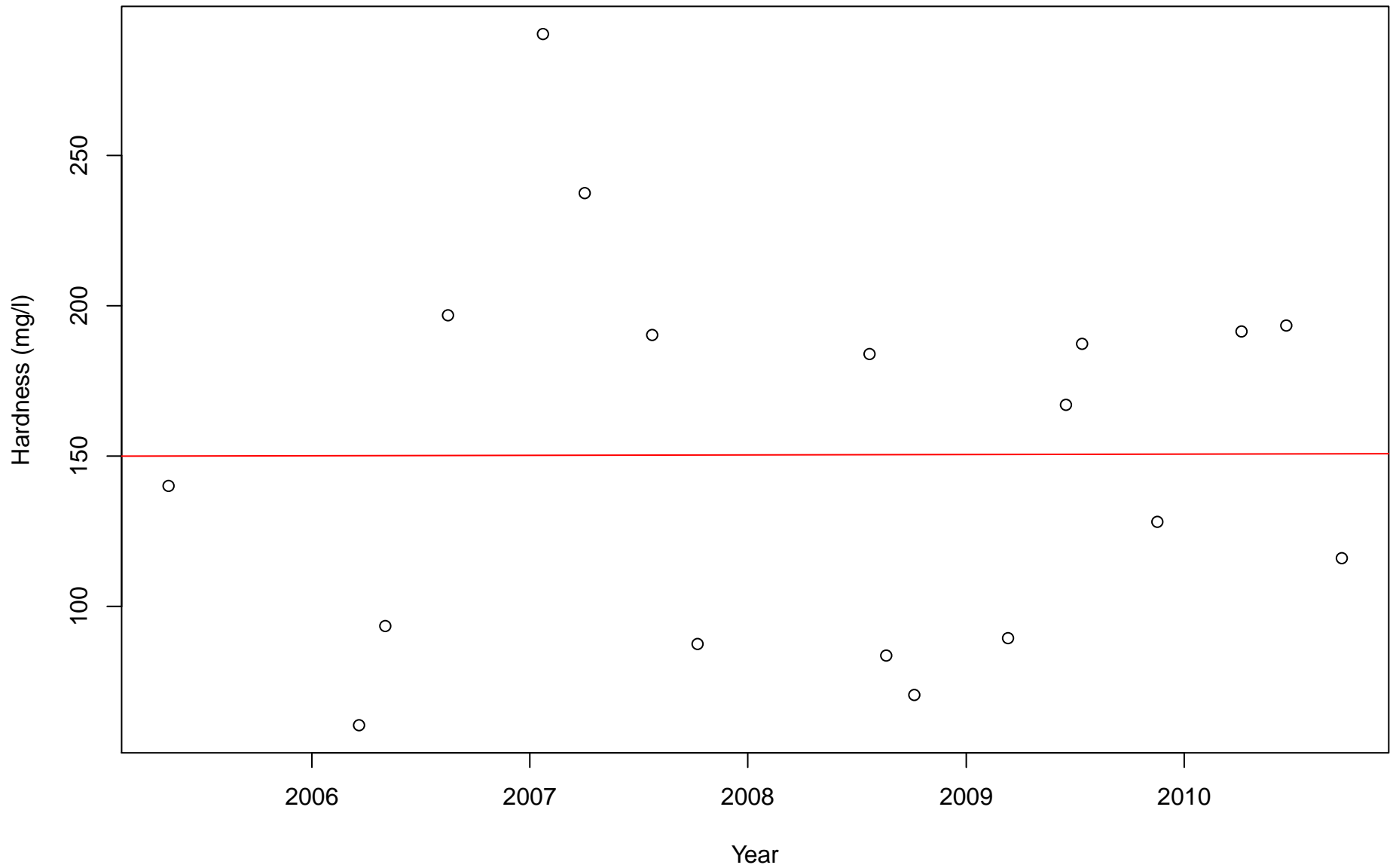
slope = -3.8630790392271 ; p-value = 0.754875307136256

BA05MSI000SL04



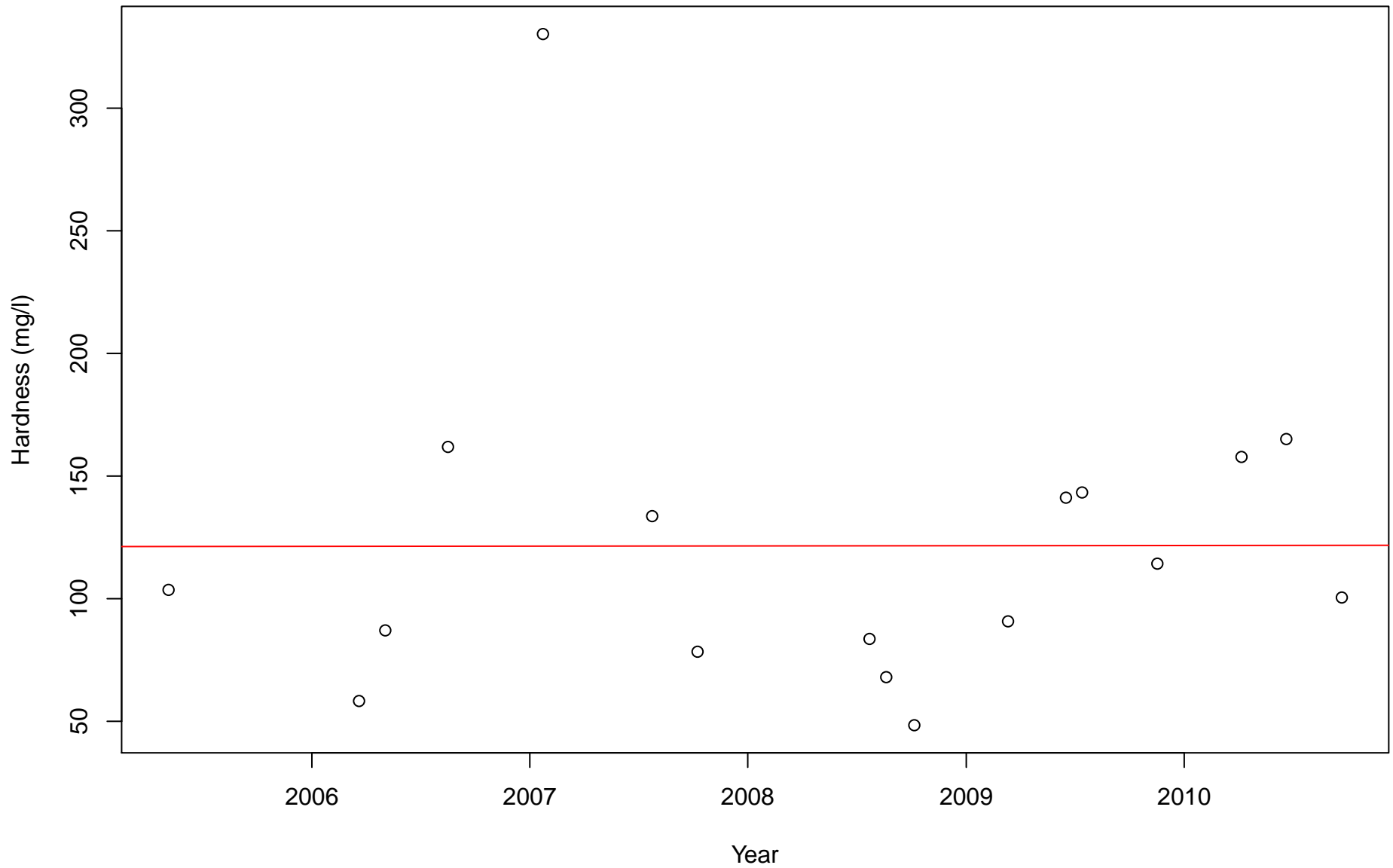
slope = -9.99386126608401; p-value = 0.432053924424693

BA05MSI000SL05



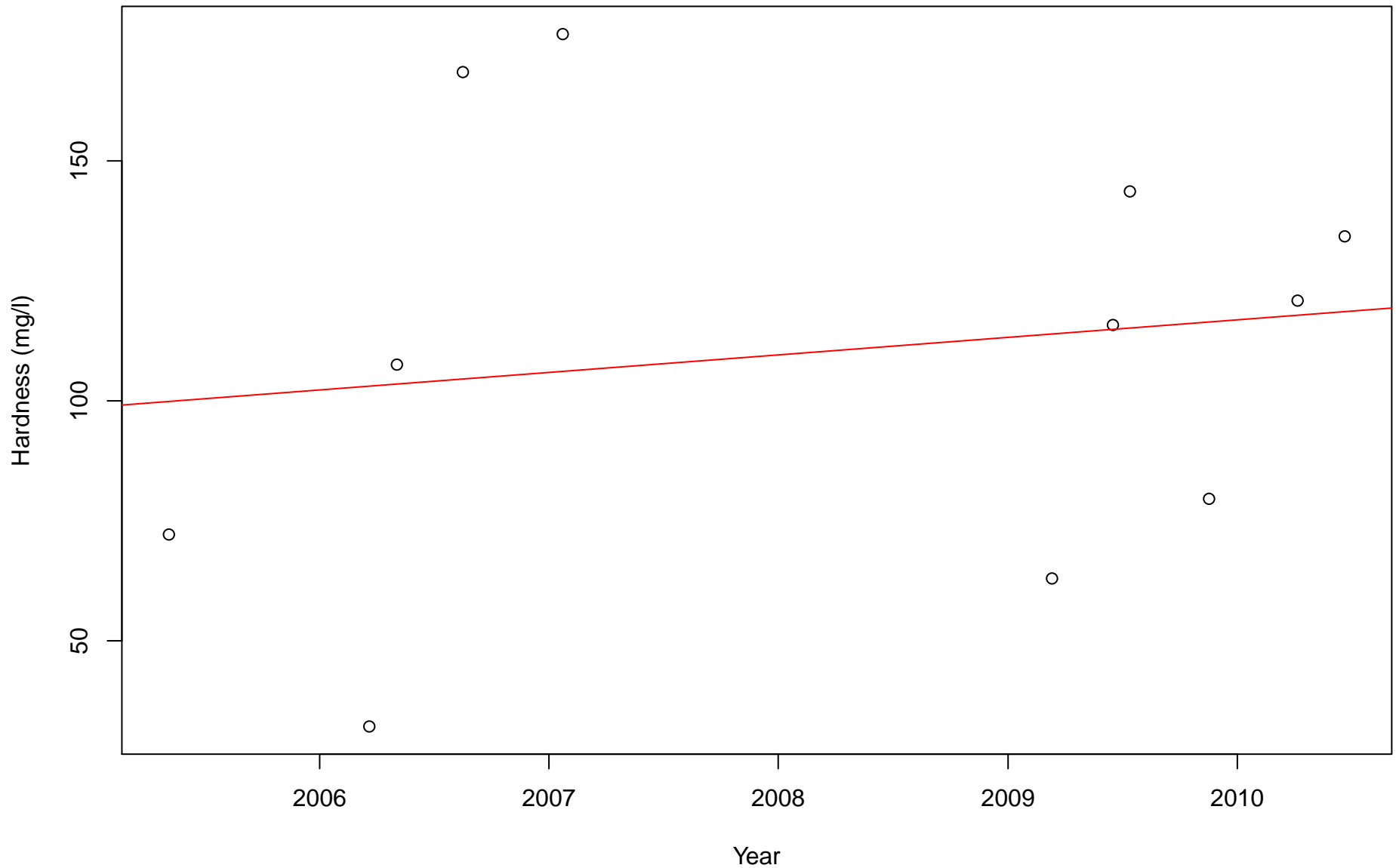
slope = 0.137690724870889; p-value = 0.989034921778004

BA05MSI000SL06



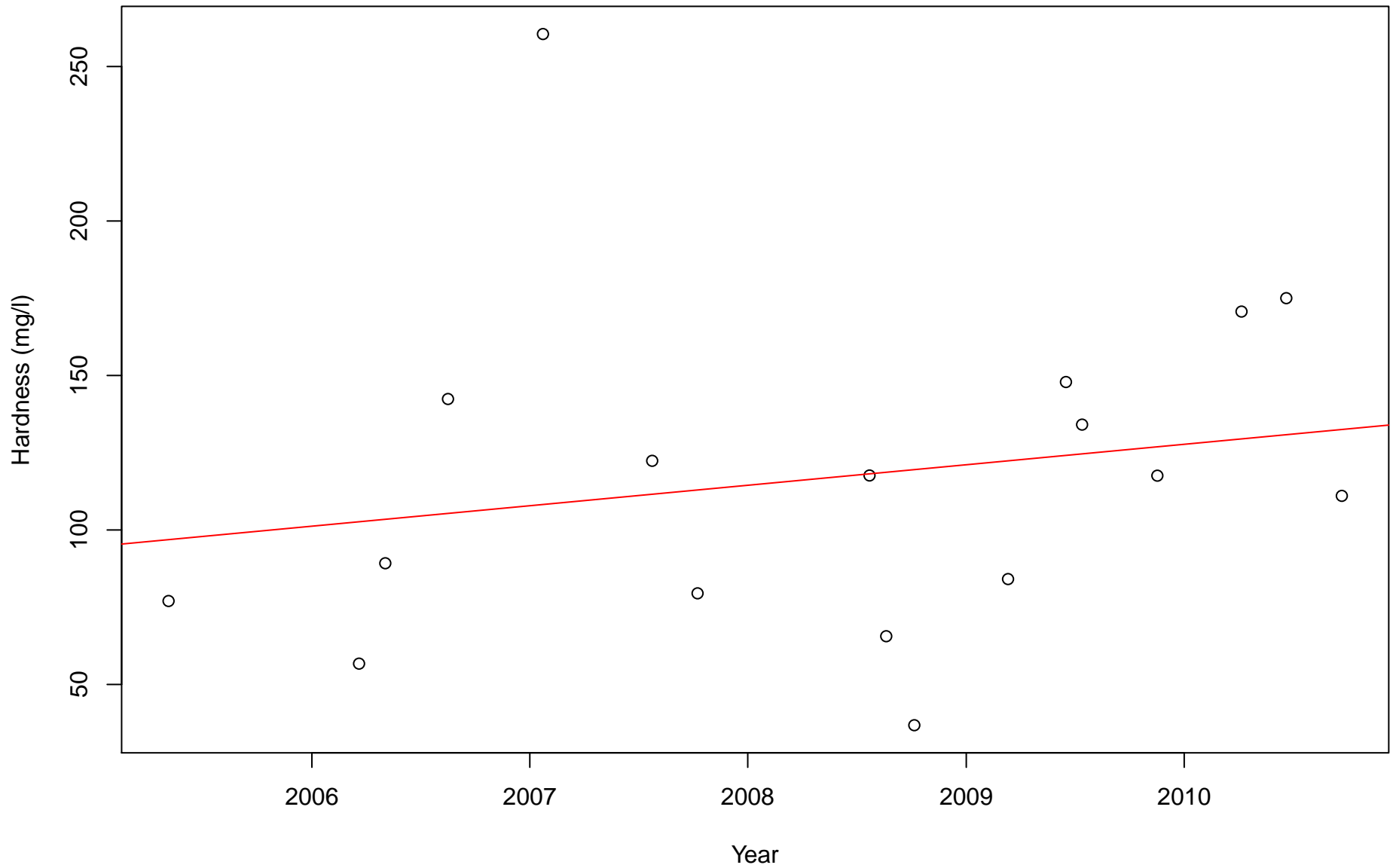
slope = 0.0890284730250918; p-value = 0.993186797278954

BA05MSI000SL07



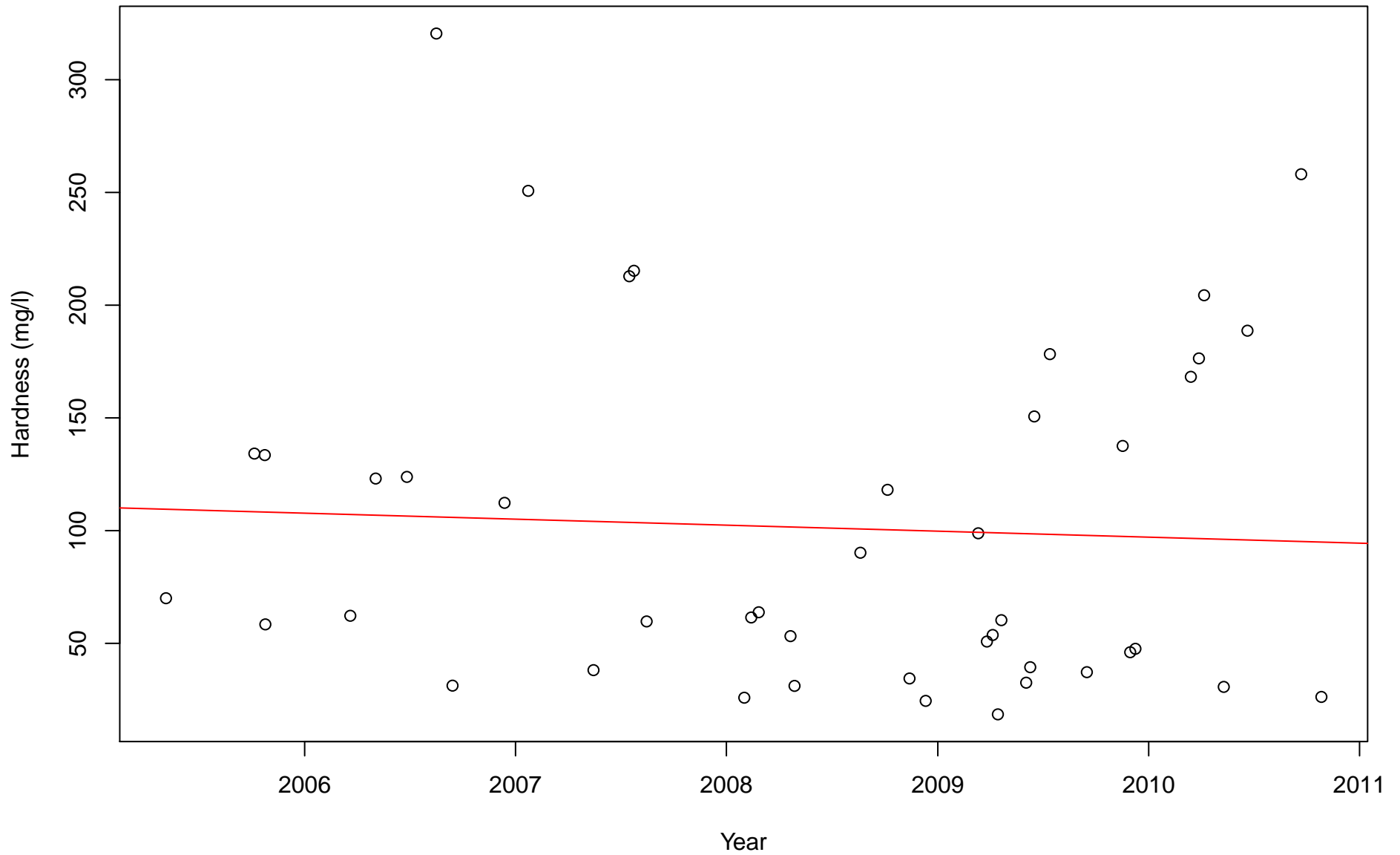
slope = 3.6495293958351; p-value = 0.652431534373907

BA05MSI000SL08

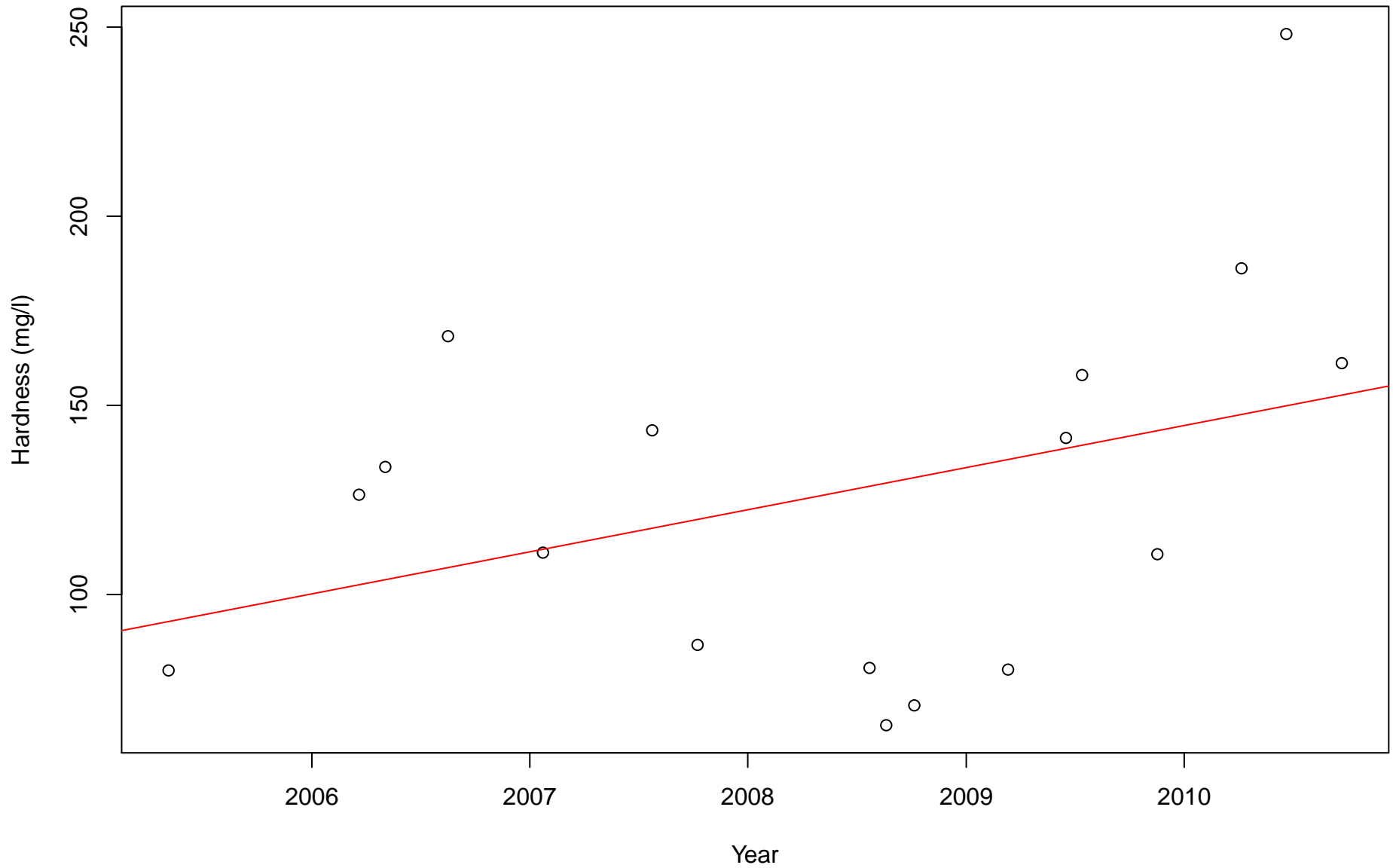


slope = 6.62256628531522; p-value = 0.43739285305563

BA05MSI000SL09

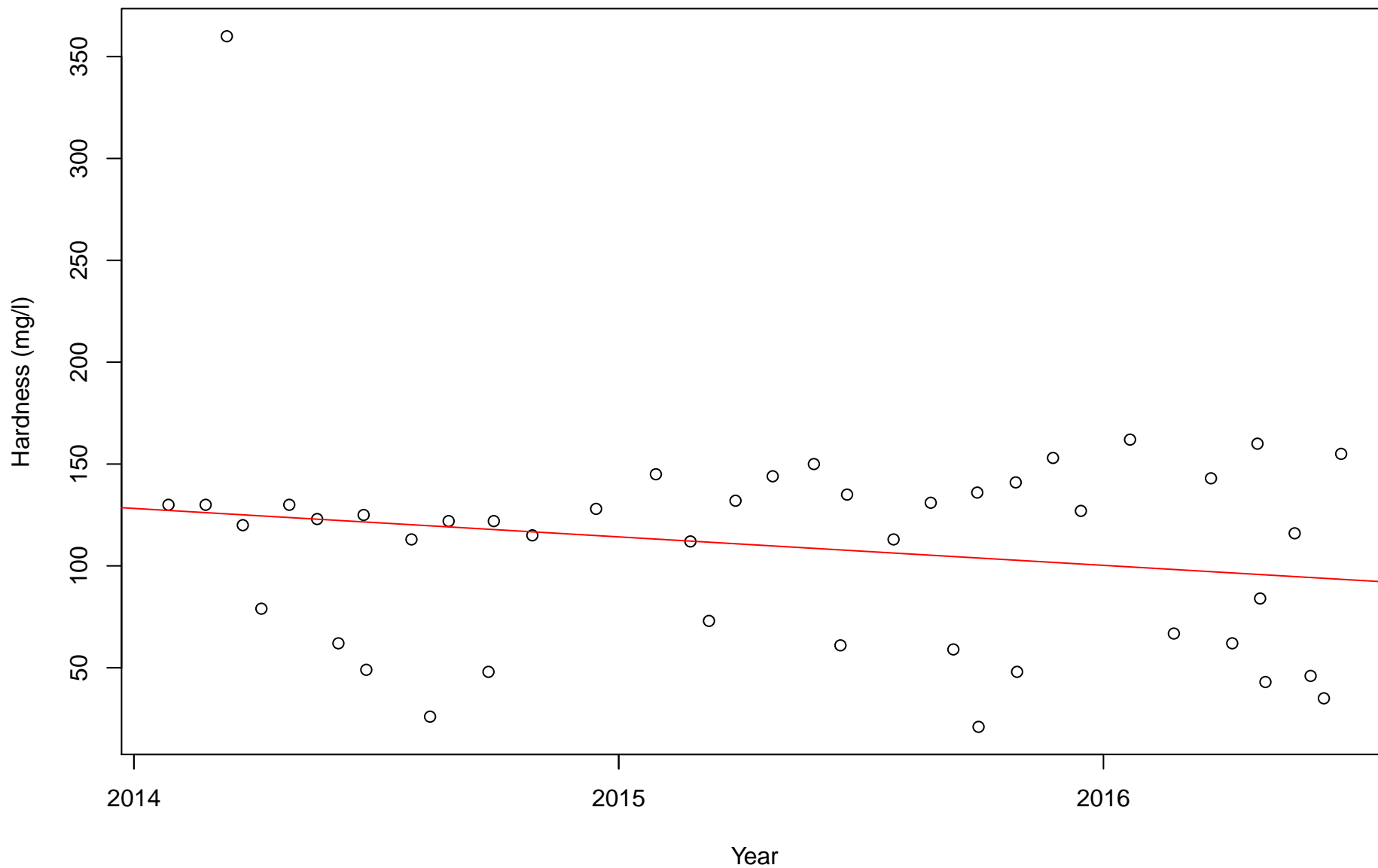


BA05MSI000SL10



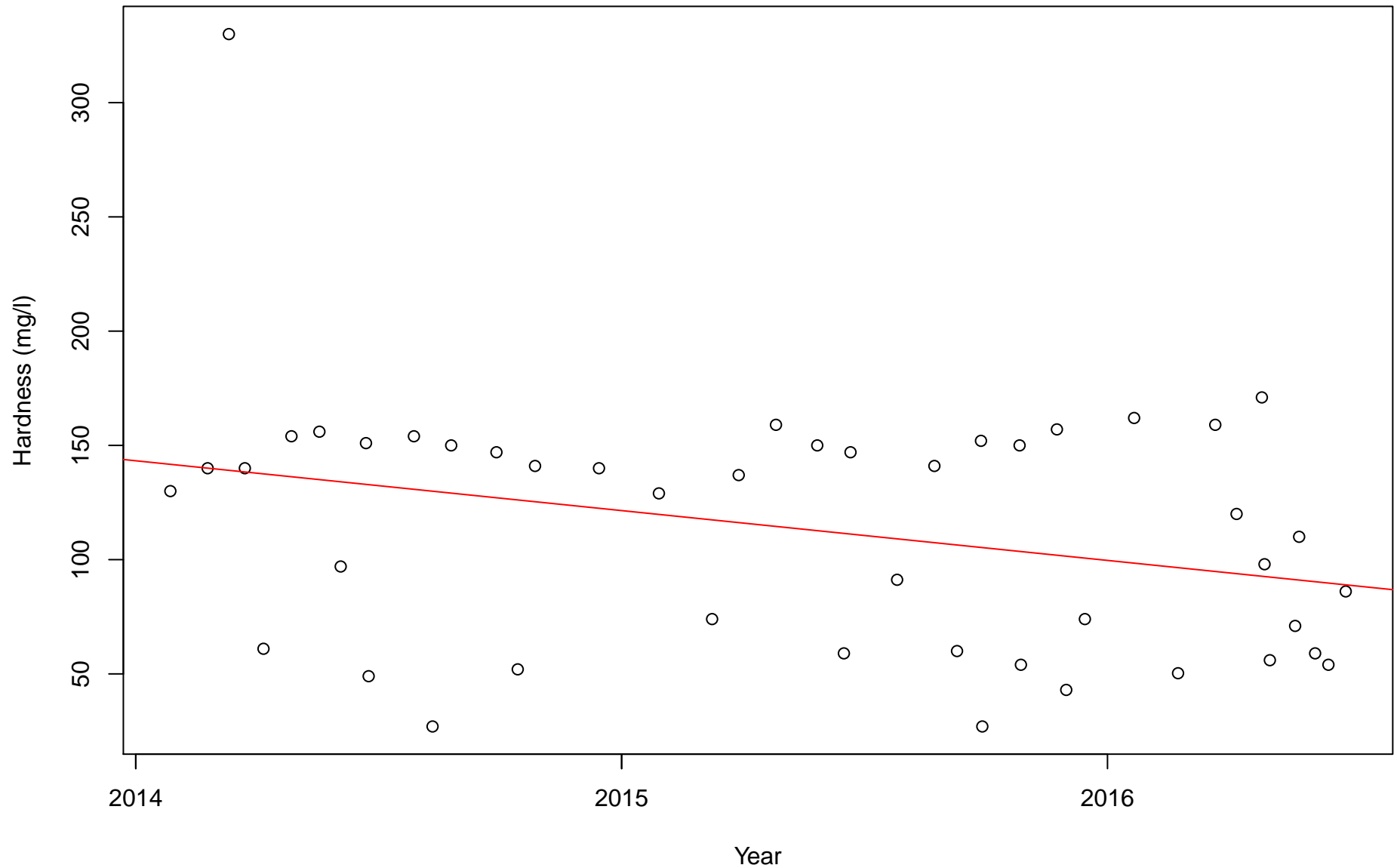
slope = 11.118220920527; p-value = 0.140161078568143

BC16MS000I81

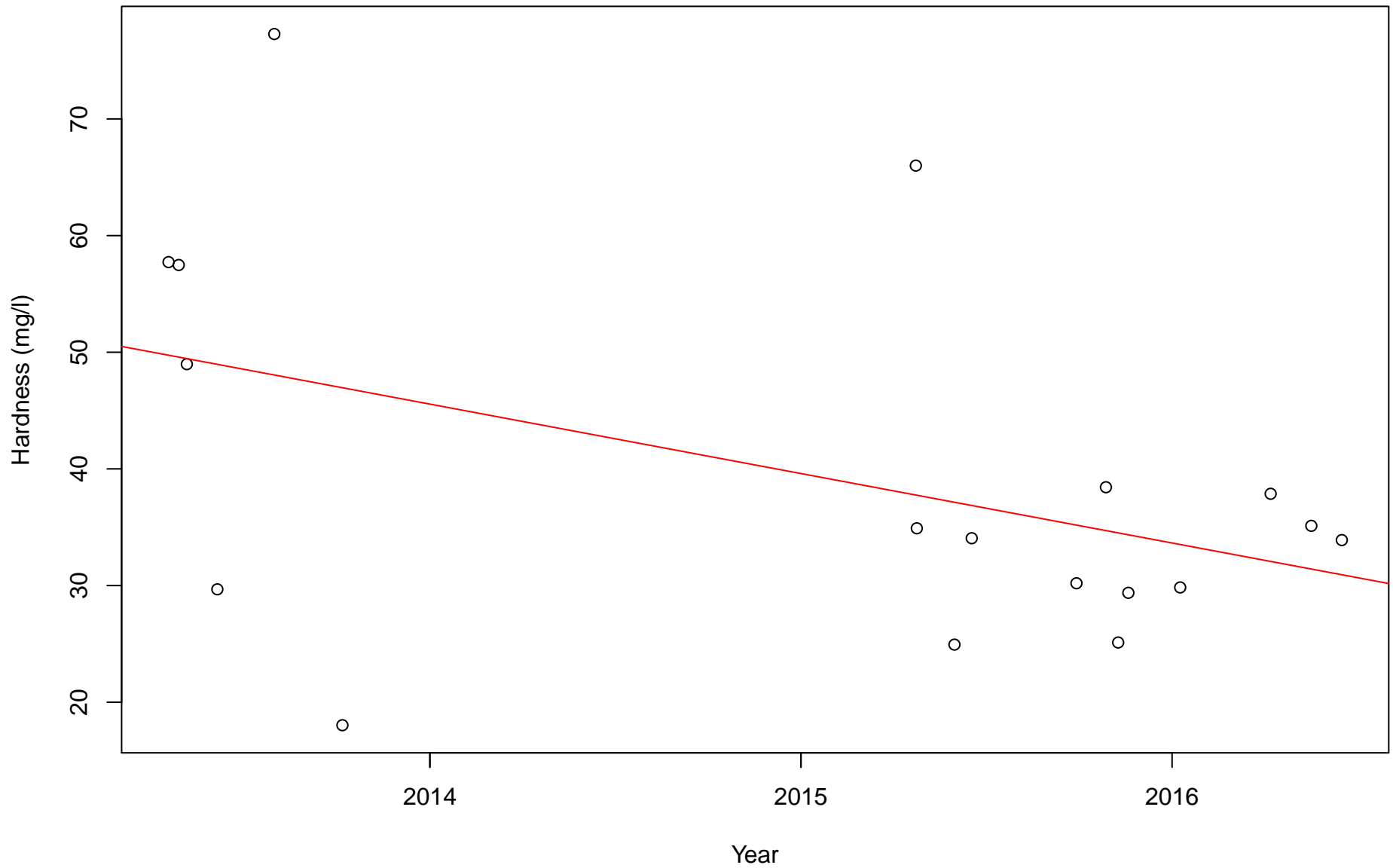


slope = -13.9738689141359 ; p-value = 0.203864002405946

BC16MS000I82

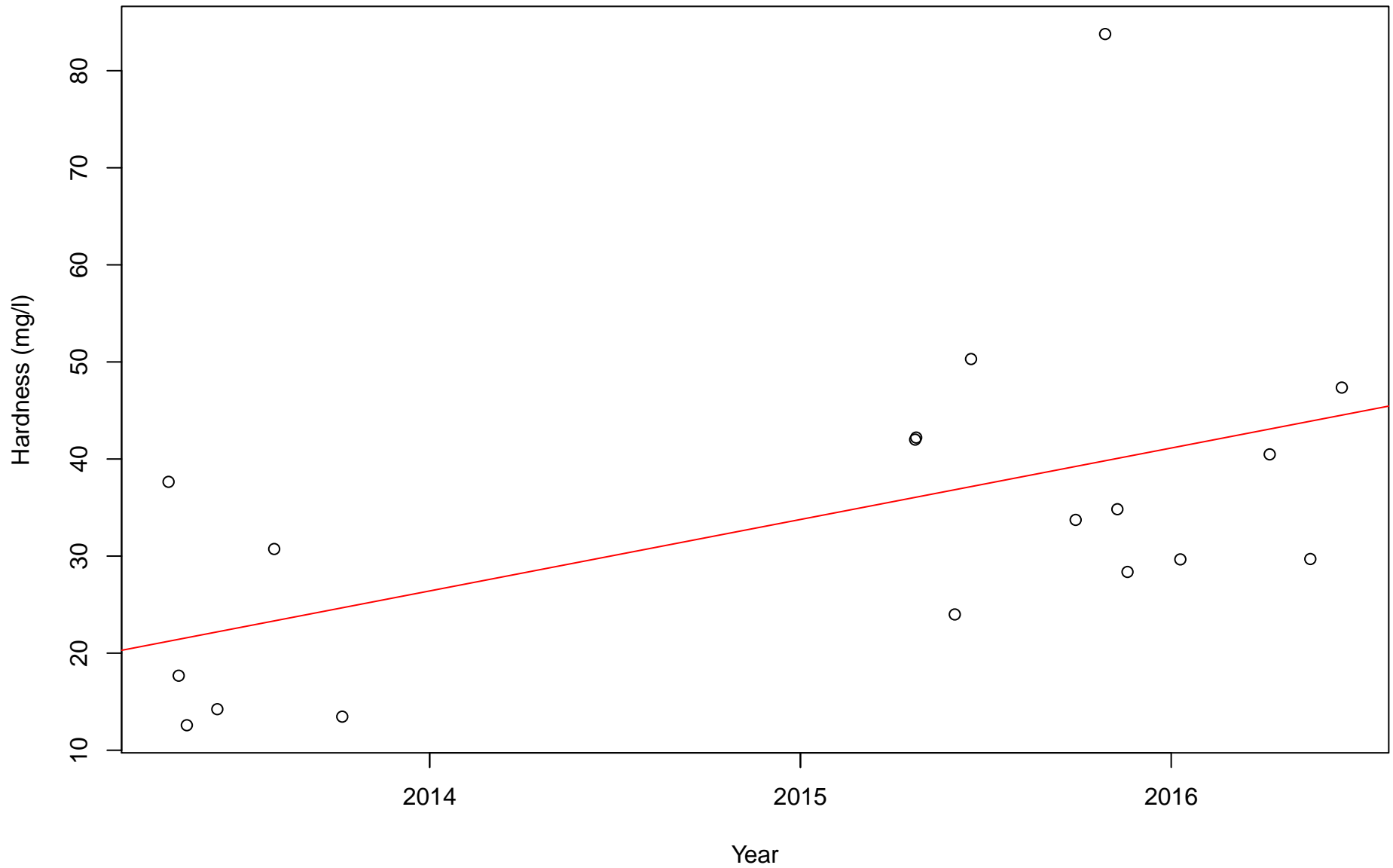


CC15MSI000001

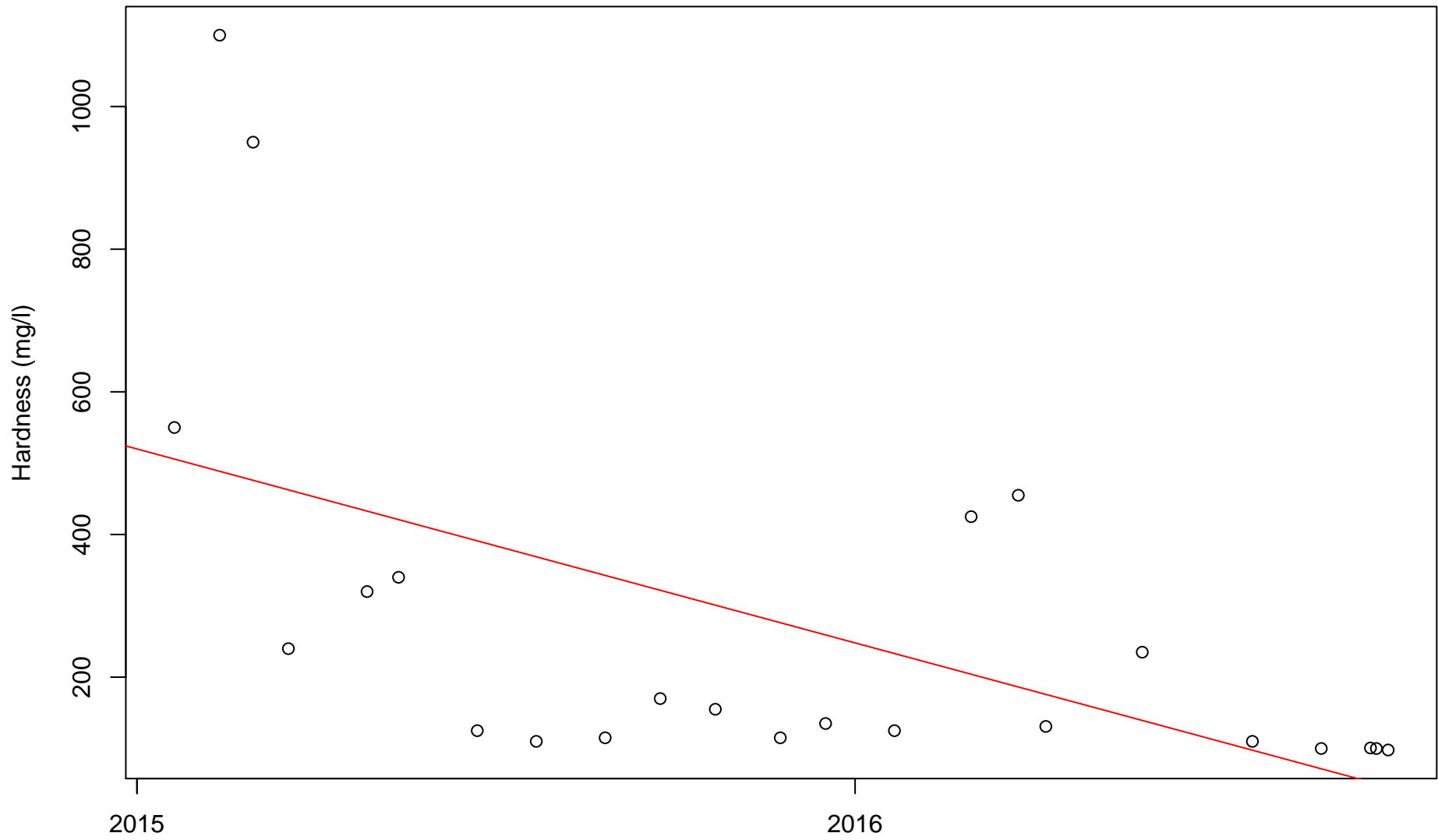


slope = -5.95263035648968; p-value = 0.0597812559584793

CC15MSI000002

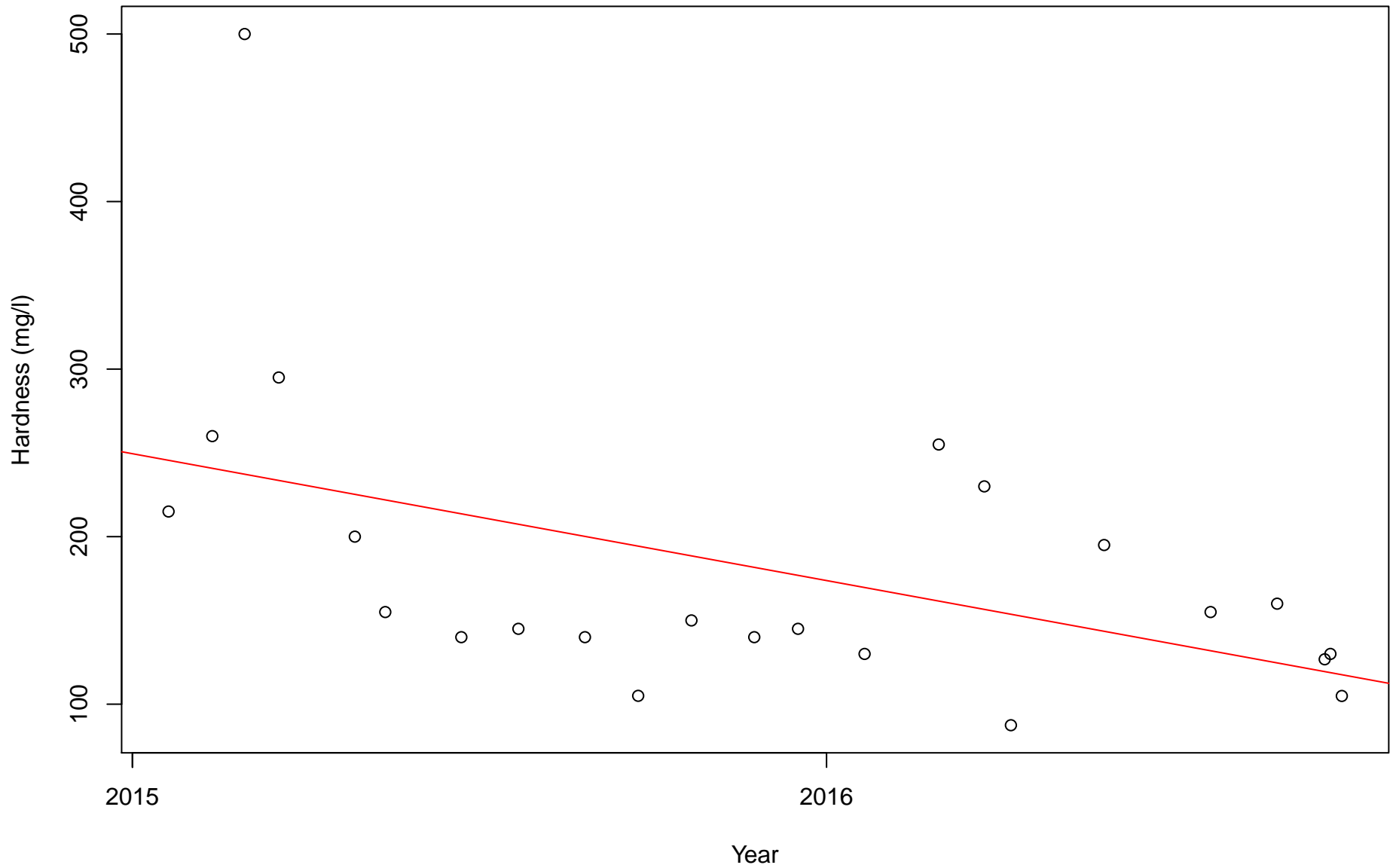


CR15MSI000003



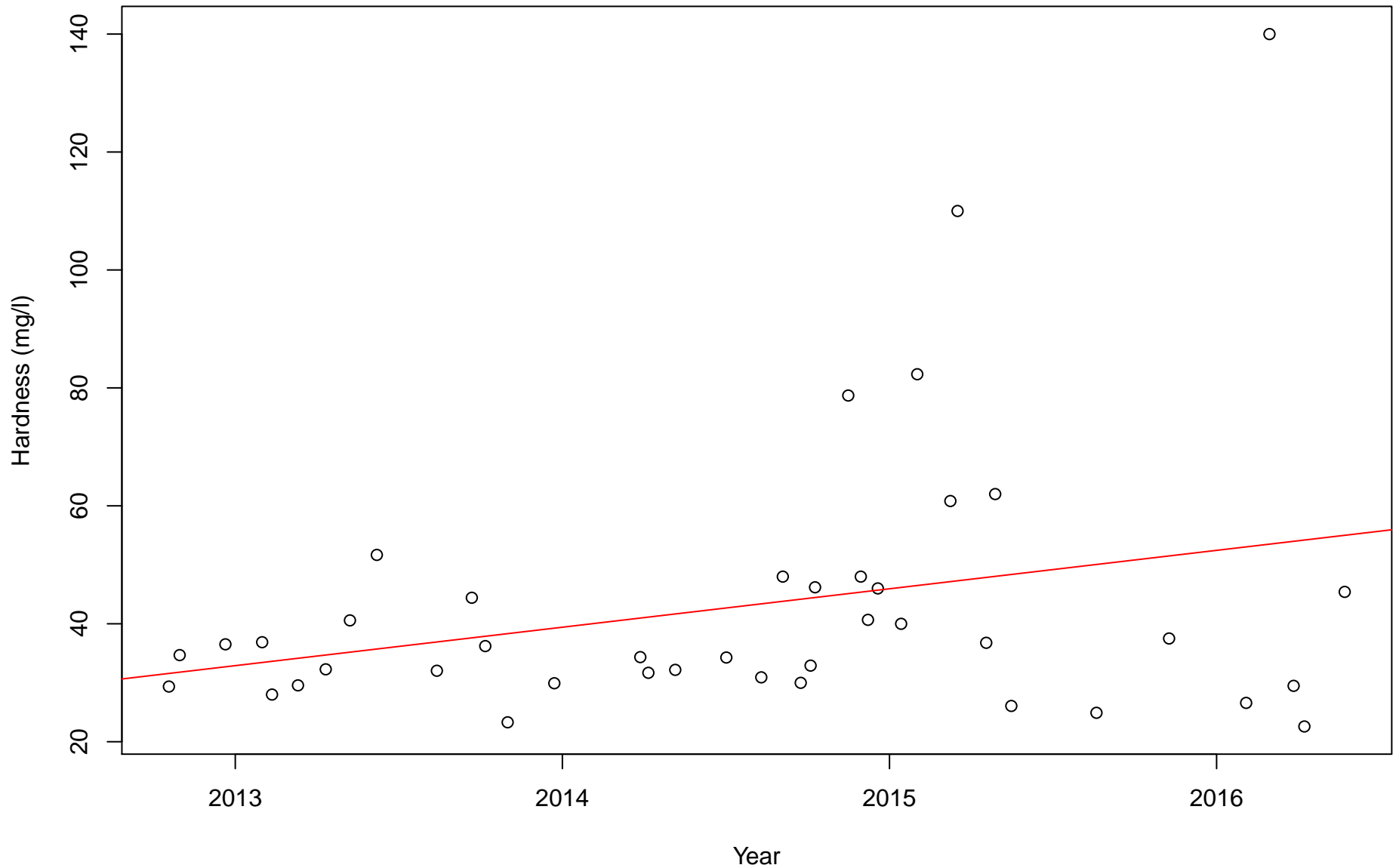
Year
slope = -271.87896619275; p-value = 0.00482942951274111

CR15MSI000004



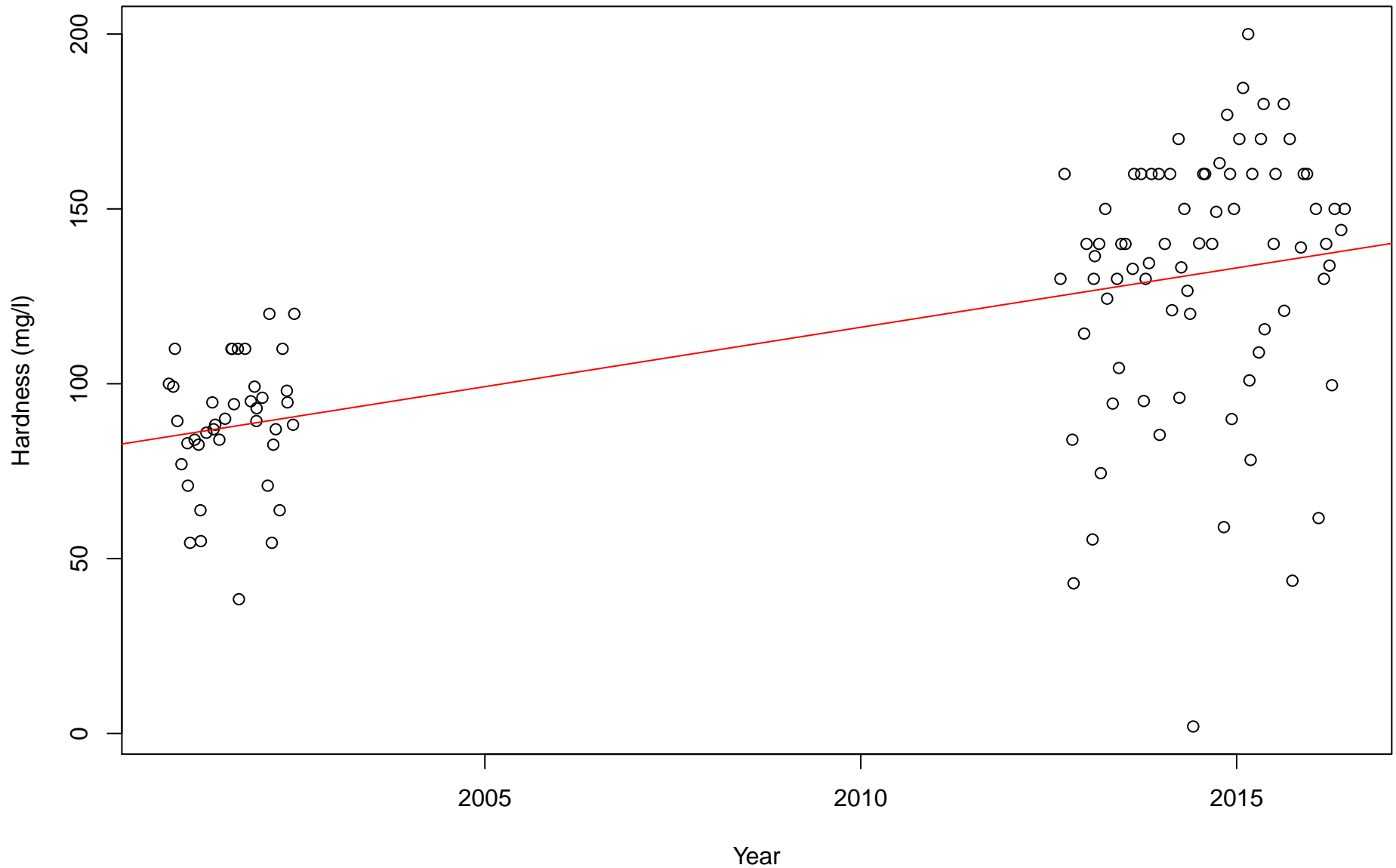
slope = -75.7146745095393; p-value = 0.0184058310666128

FR02MSI000059



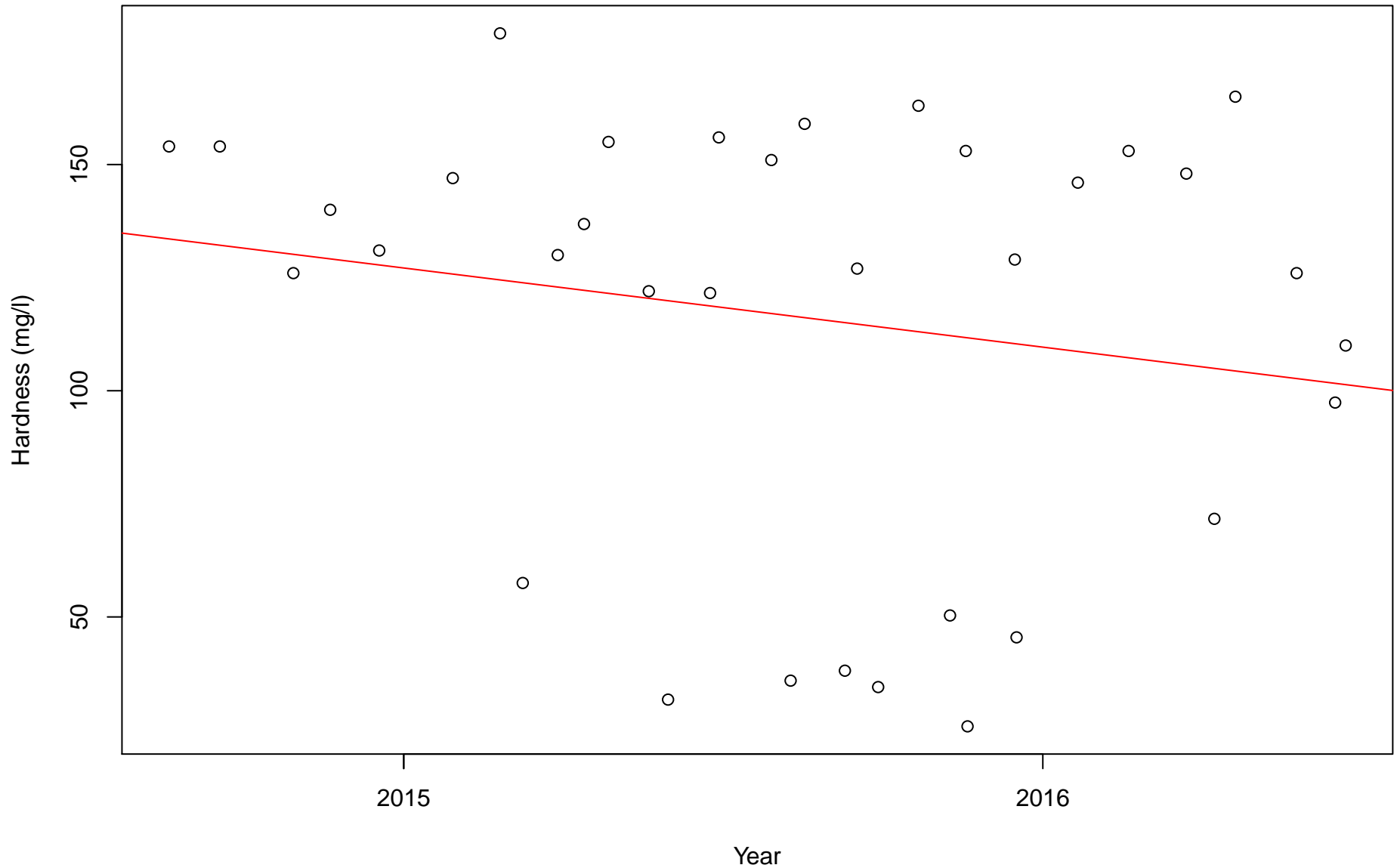
slope = 6.5171336049827; p-value = 0.064364606404463

FR99MSI000058



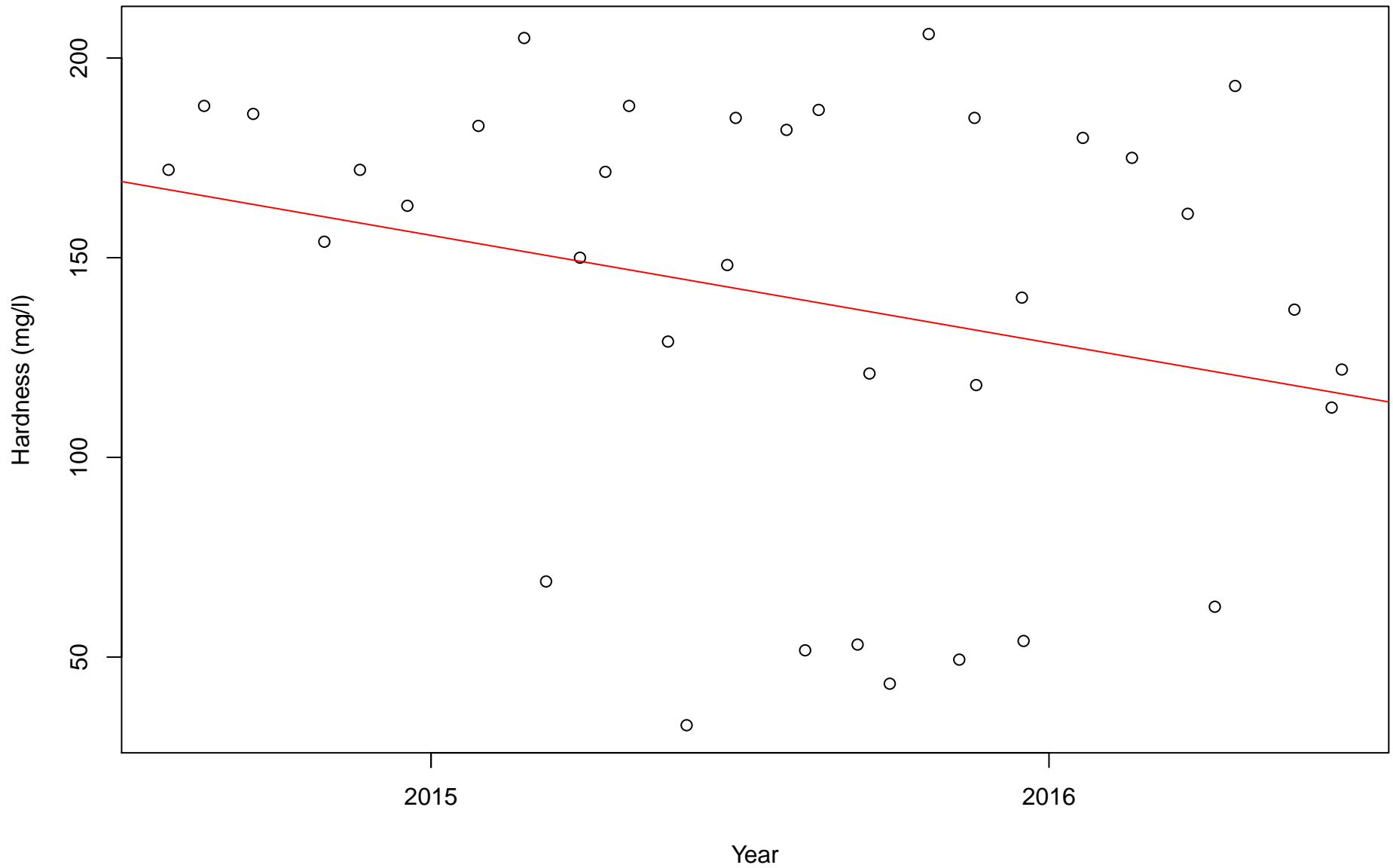
slope = 3.39438960265591; p-value = 8.13279956652935e-11

HA10MSI0WC002



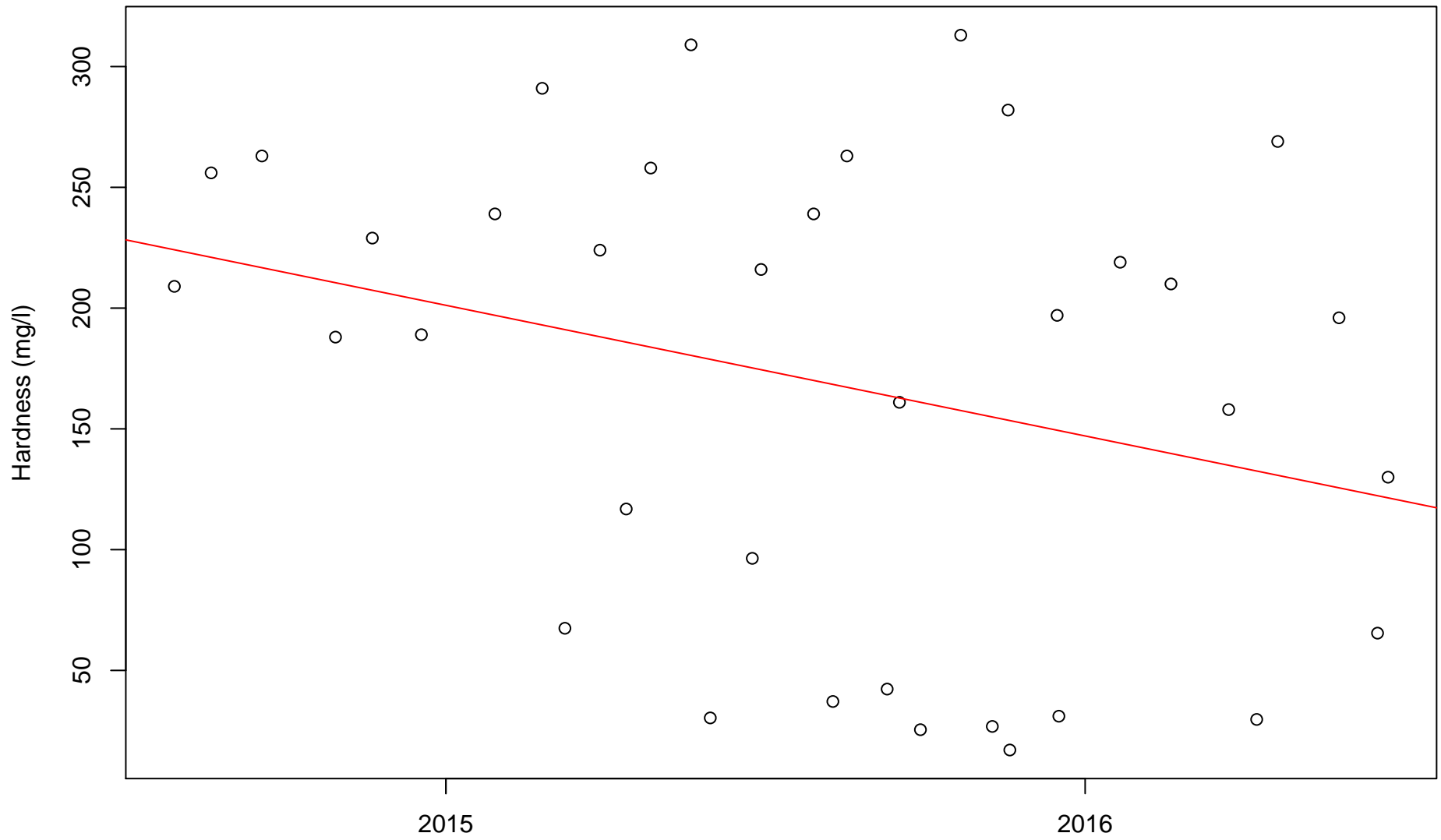
slope = -17.4944299032507 ; p-value = 0.274304293654692

HA10MSI0WC003



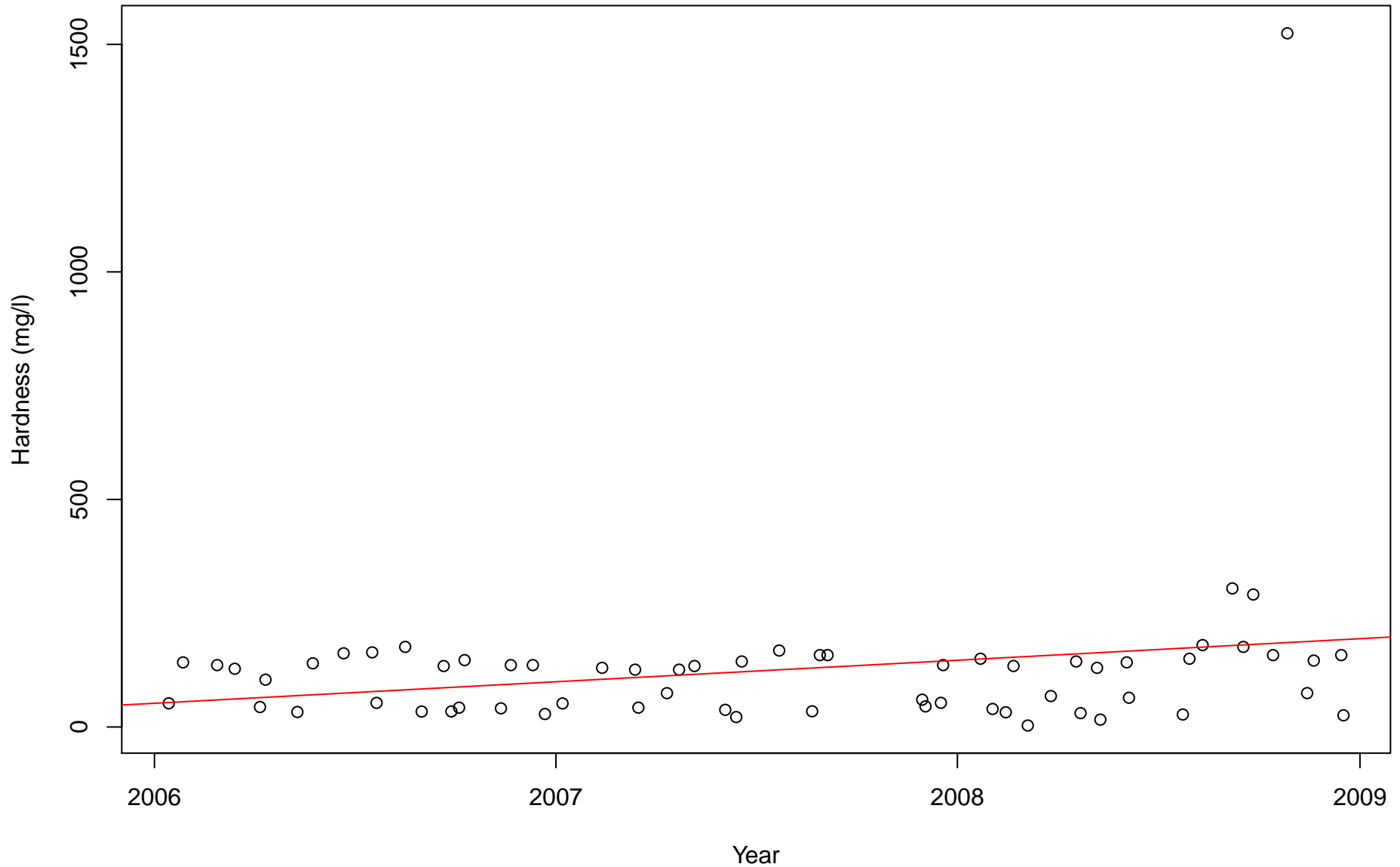
slope = -26.9113252381106; p-value = 0.115051366520886

HA10MSI0WC004



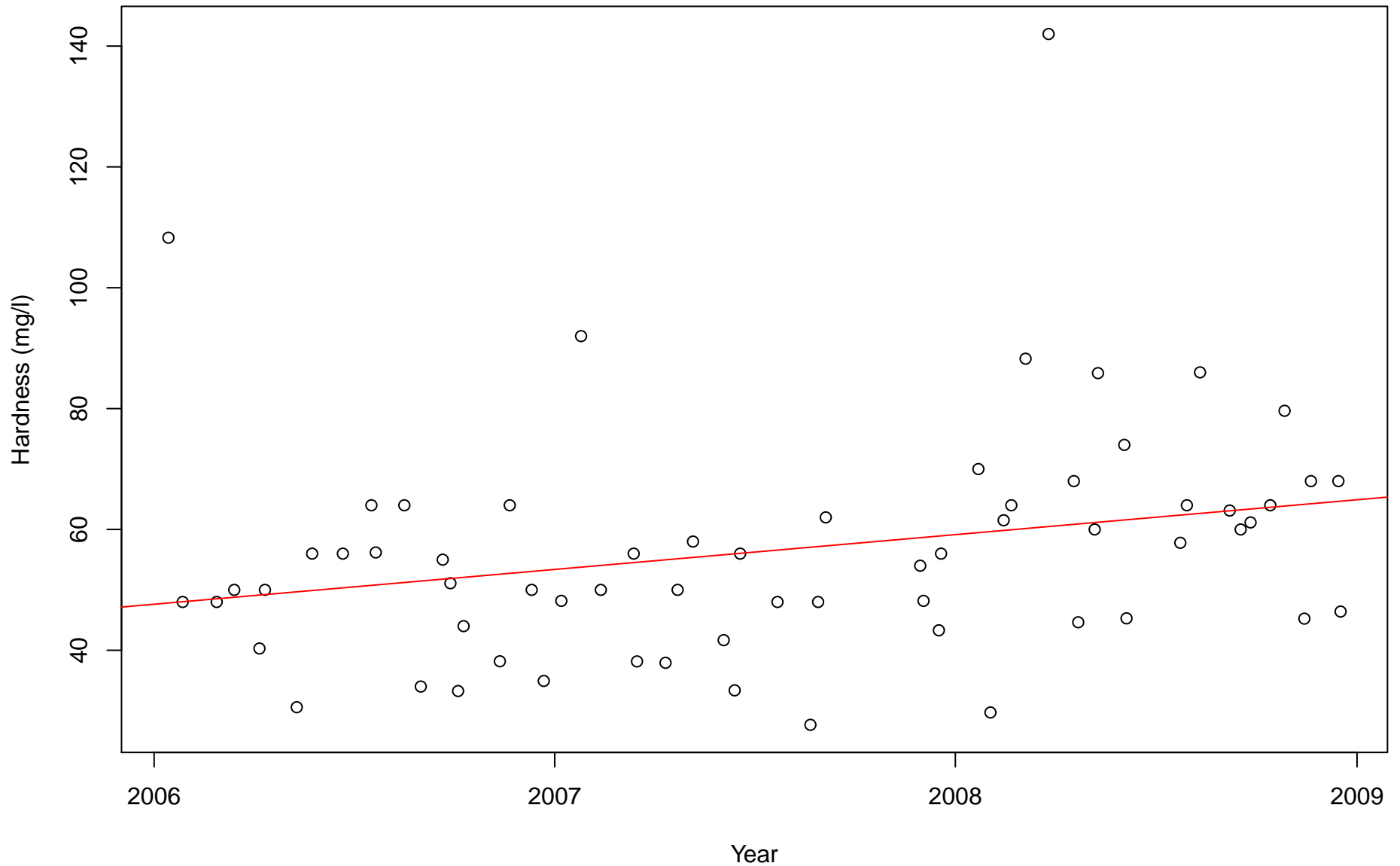
Year
slope = -54.09767200317 ; p-value = 0.0767820931296917

MO02MSI000104



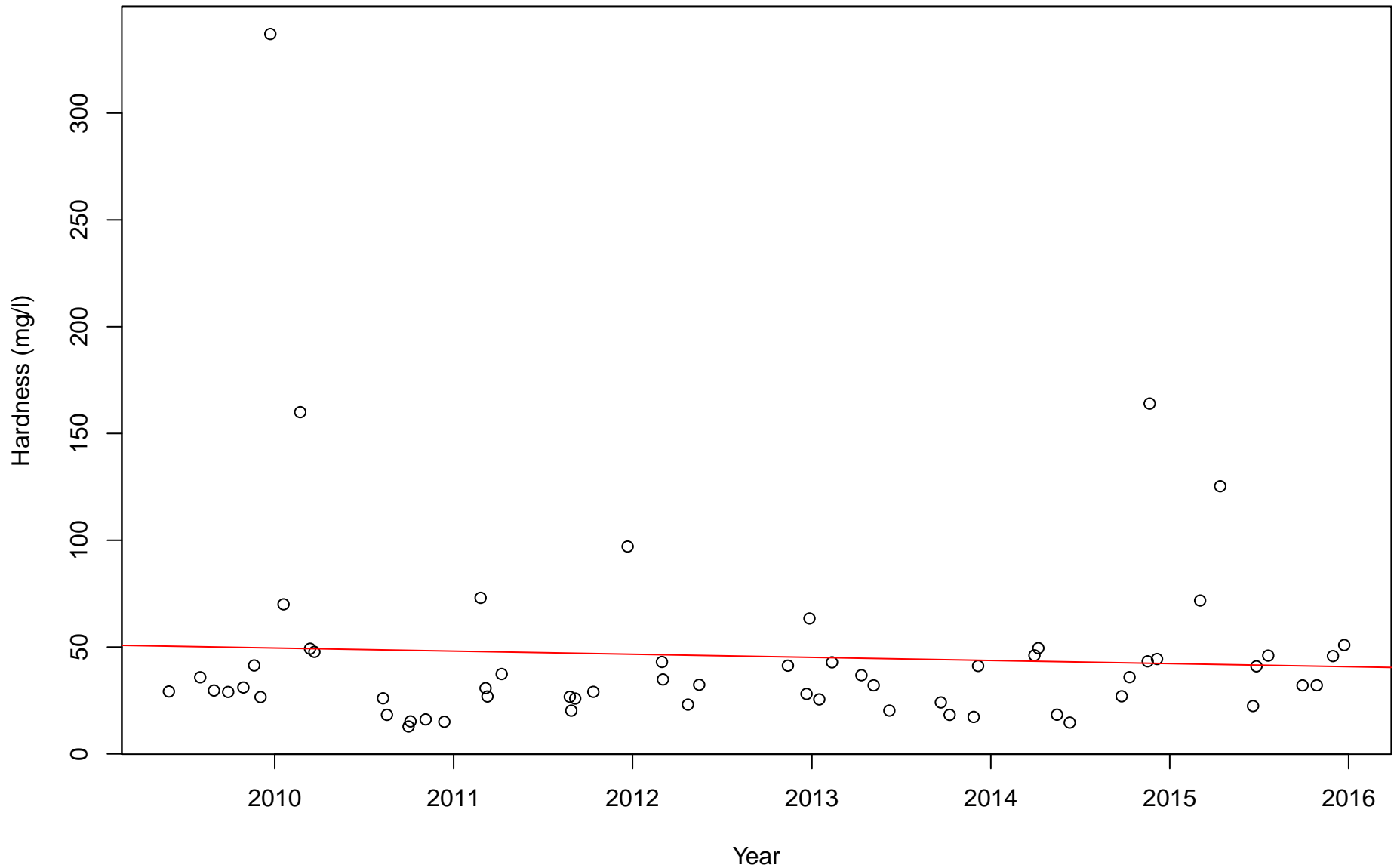
slope = 47.2674236803859; p-value = 0.0825687290887574

MO02MSI000310



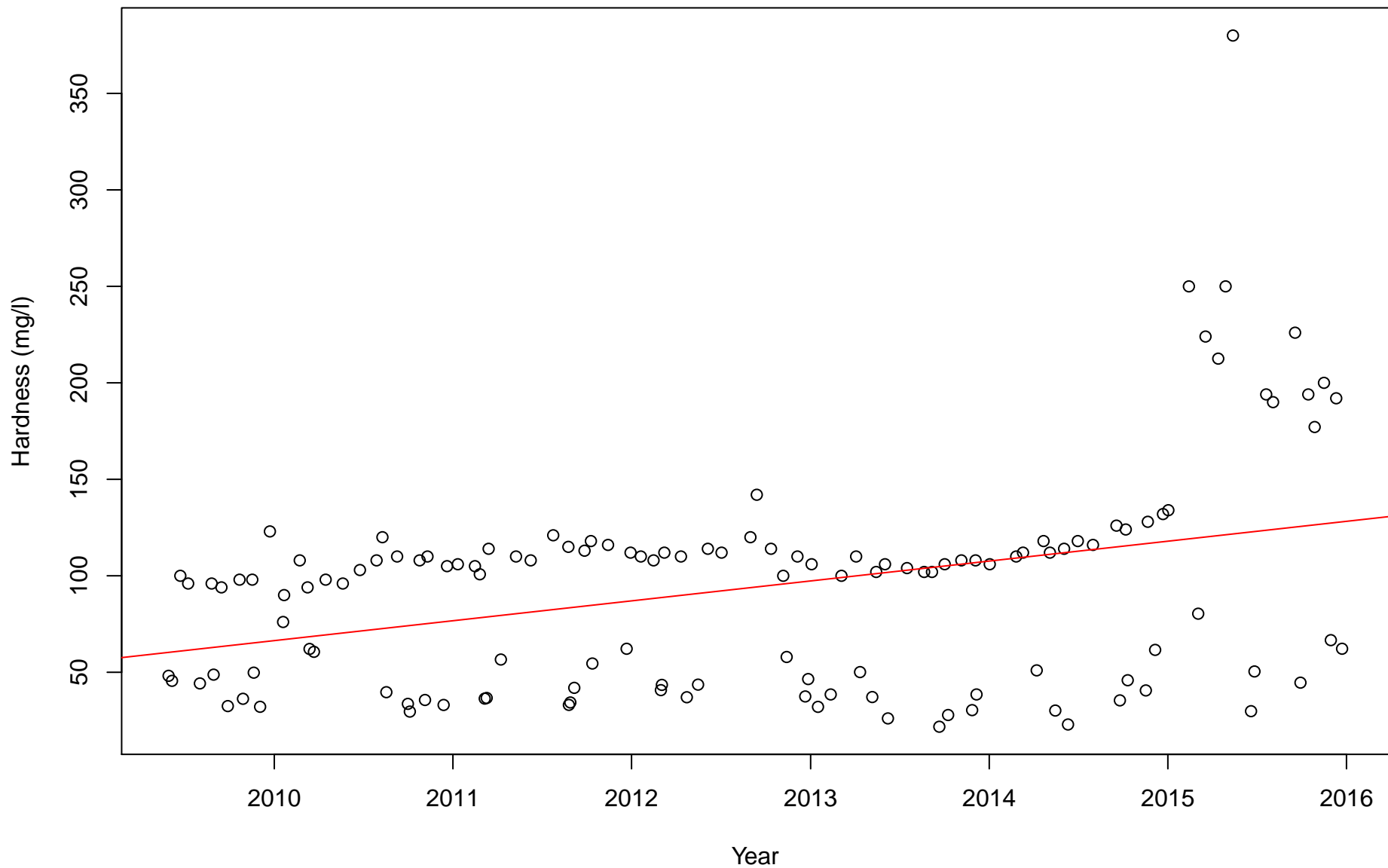
slope = 5.75825737484969; p-value = 0.0344397952595132

MO09MSI000001

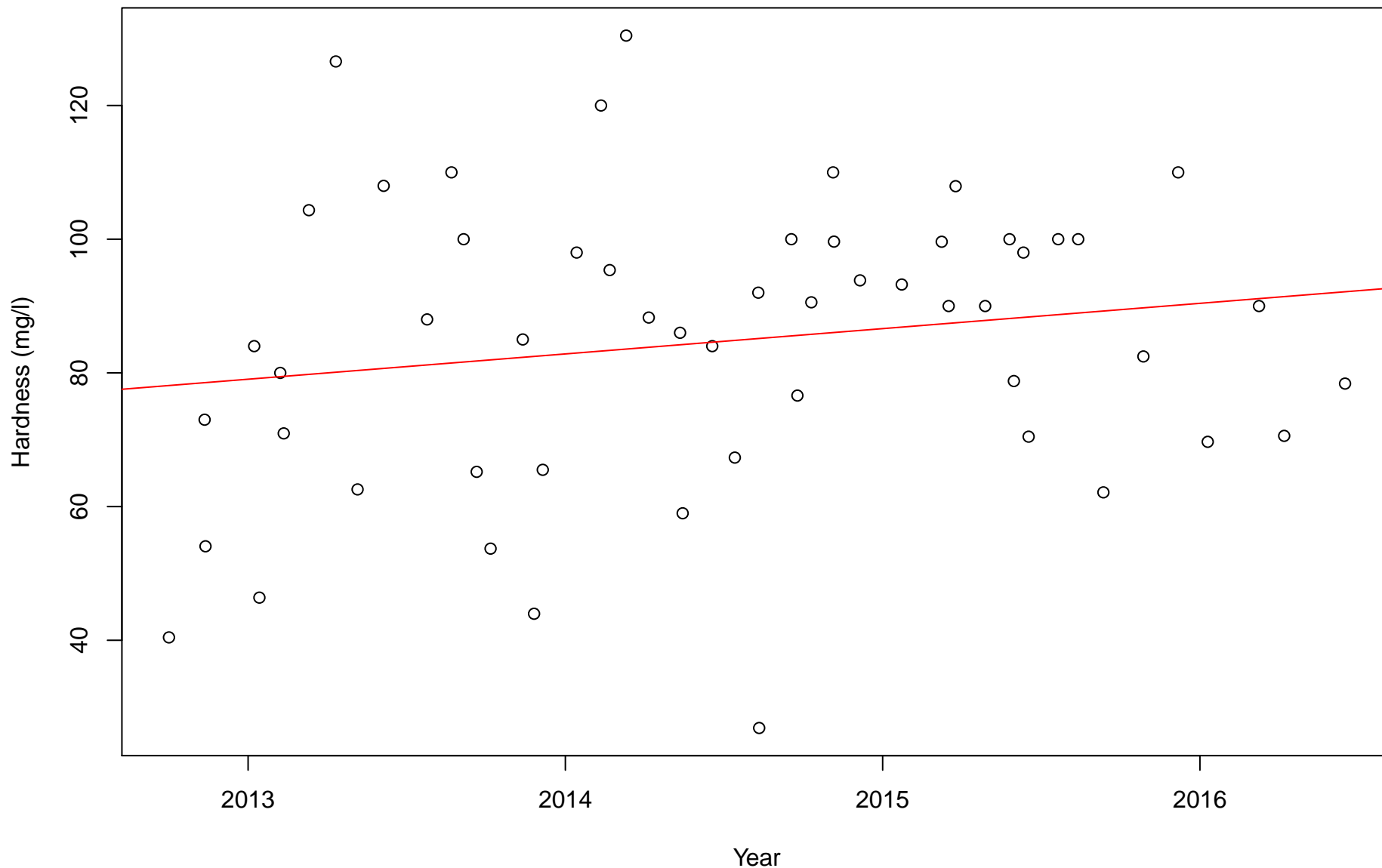


slope = -1.45892323828835; p-value = 0.636914323600055

MO09MSI000002

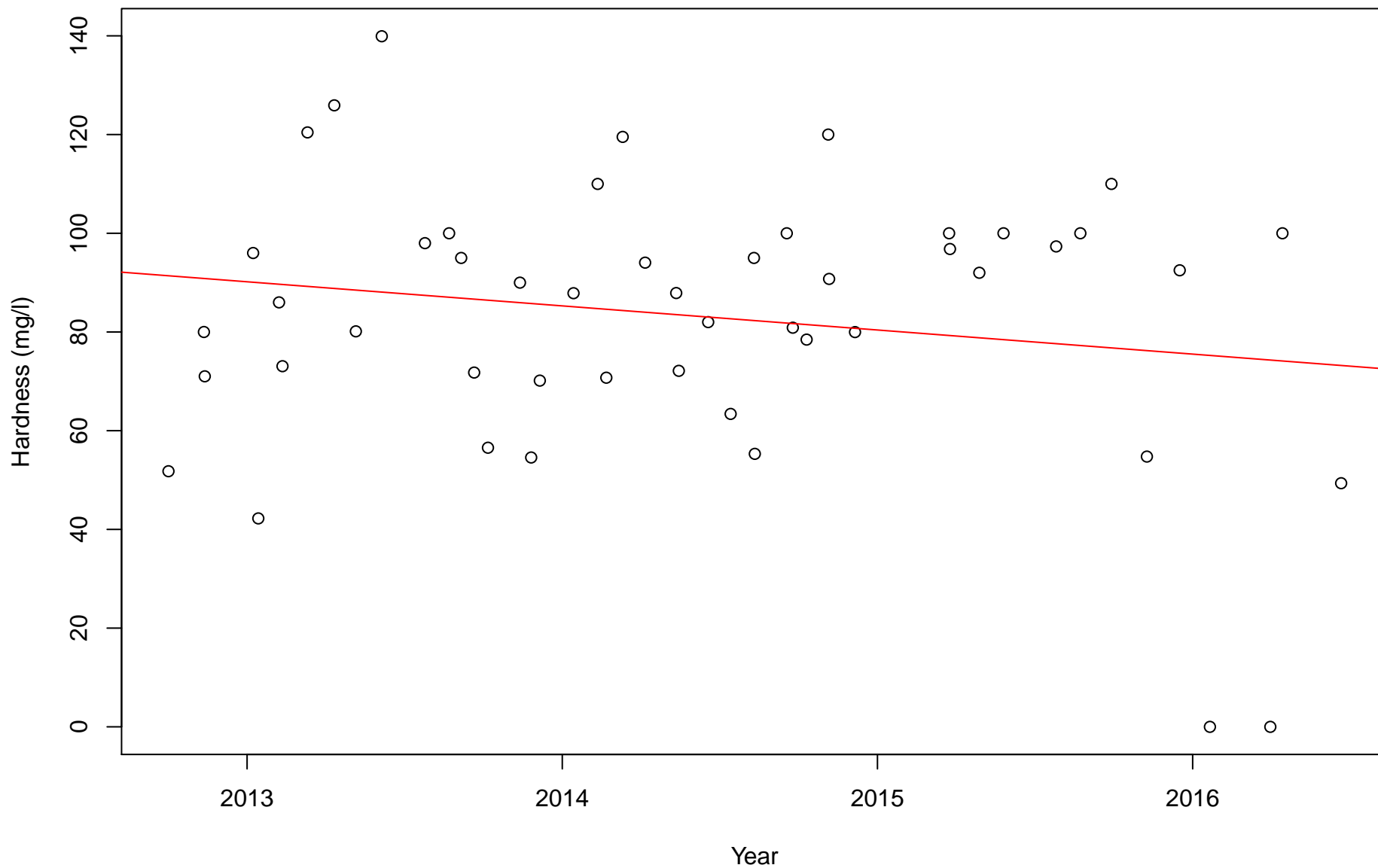


PG15MSI000012



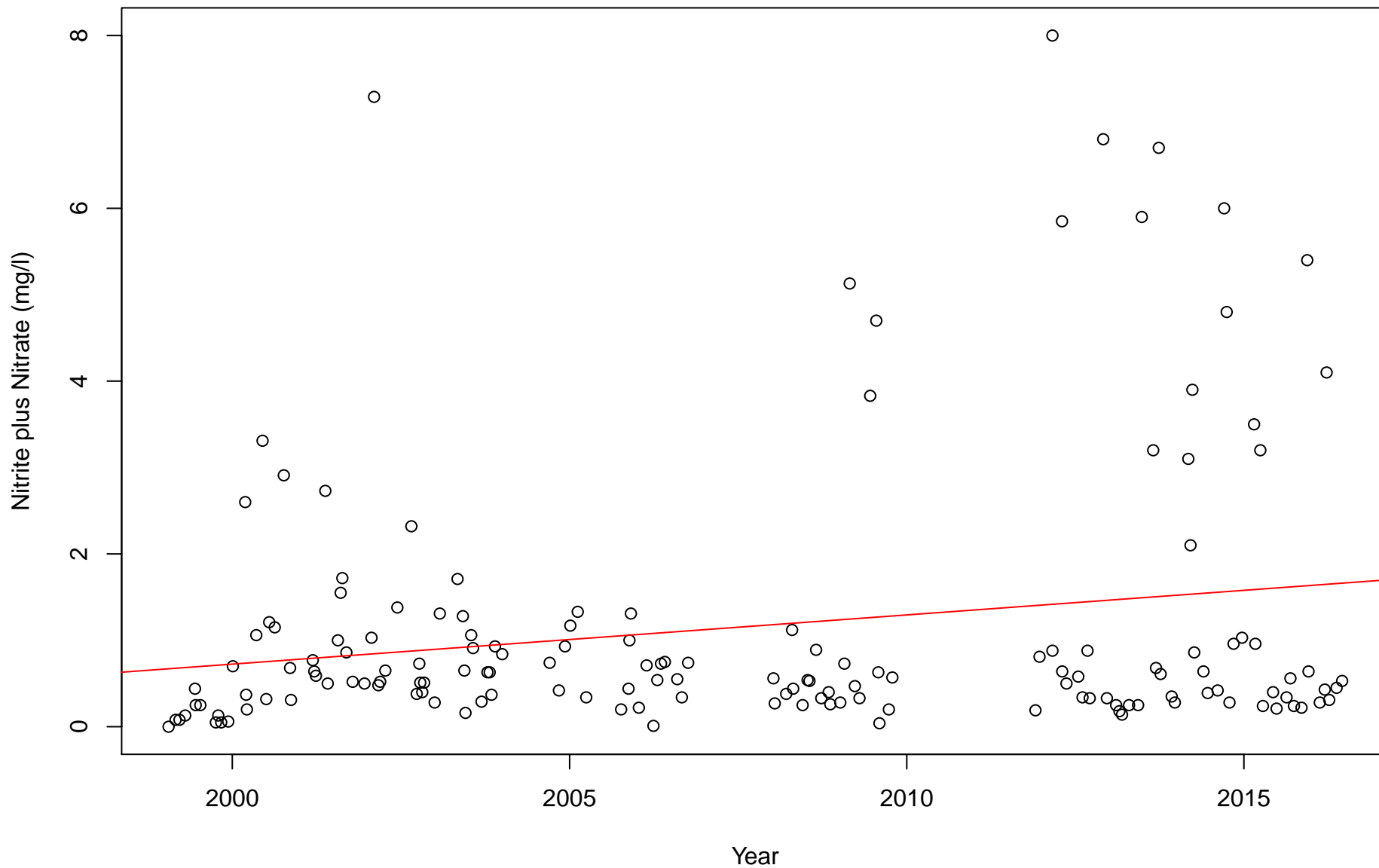
slope = 3.78421908839012; p-value = 0.205014972455685

PG15MSI000013



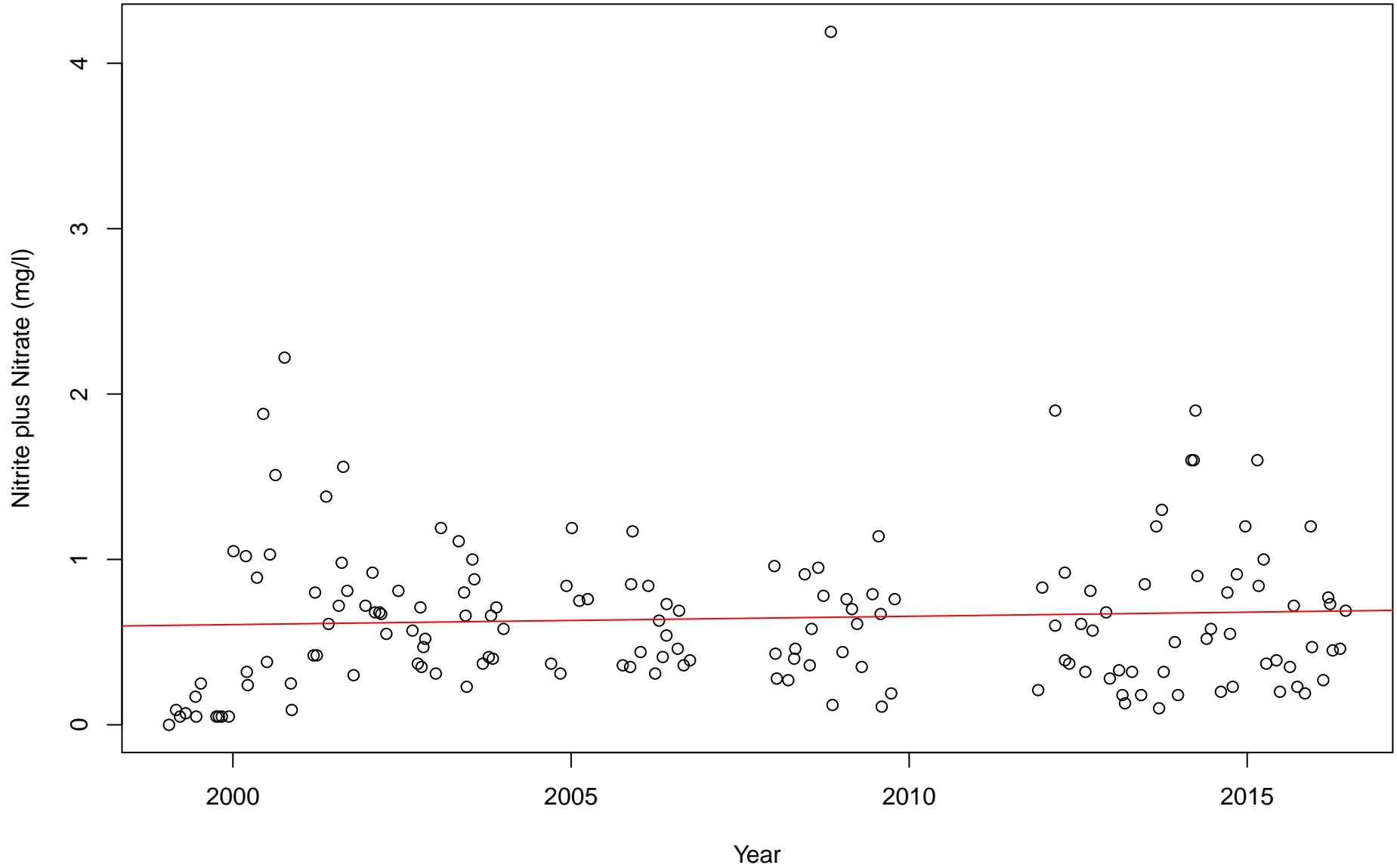
slope = -4.88466978808085 ; p-value = 0.205890815429067

AA94MSI000008

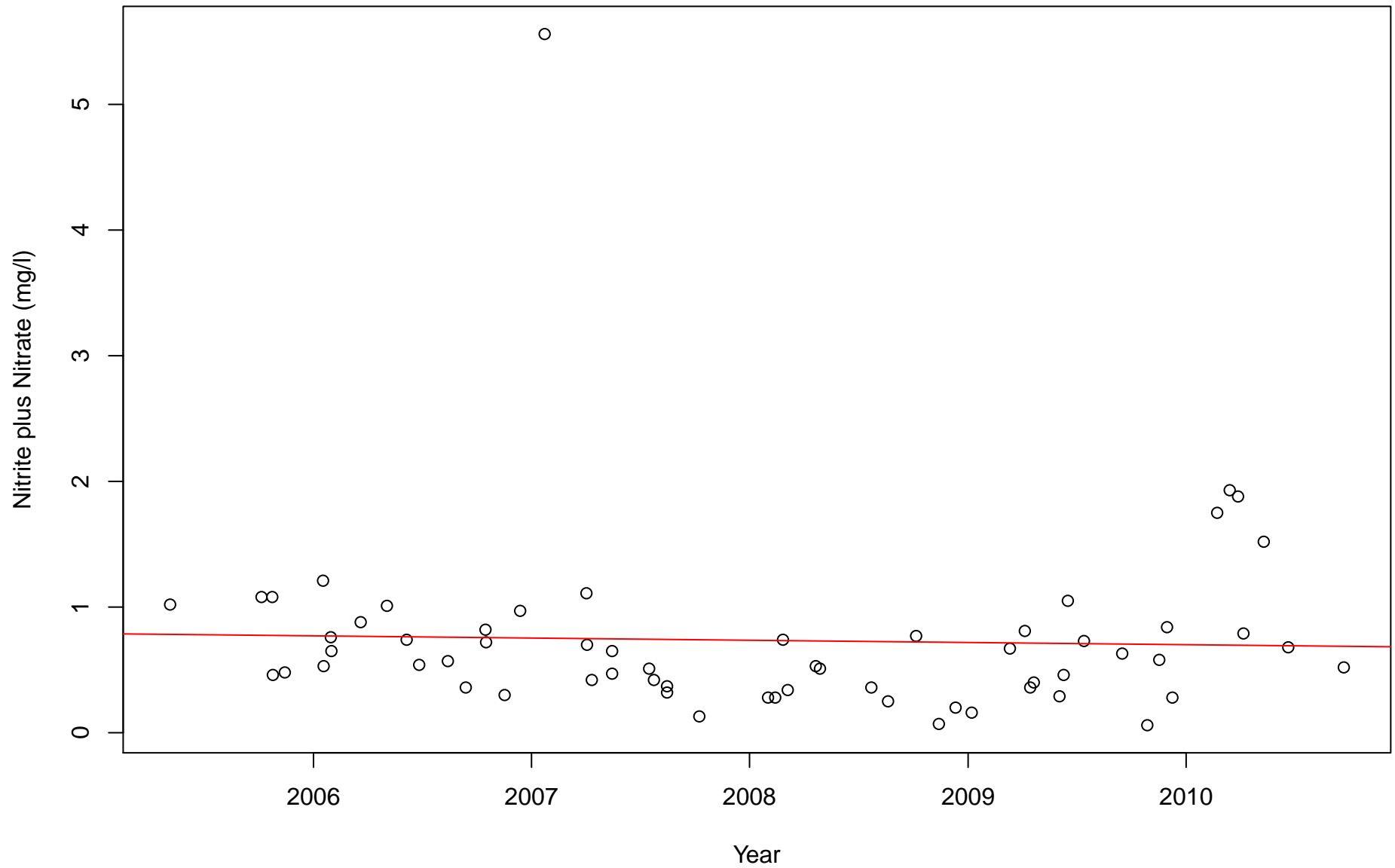


slope = 0.0569054978980363; p-value = 0.0116251490768239

AA94MSI000009

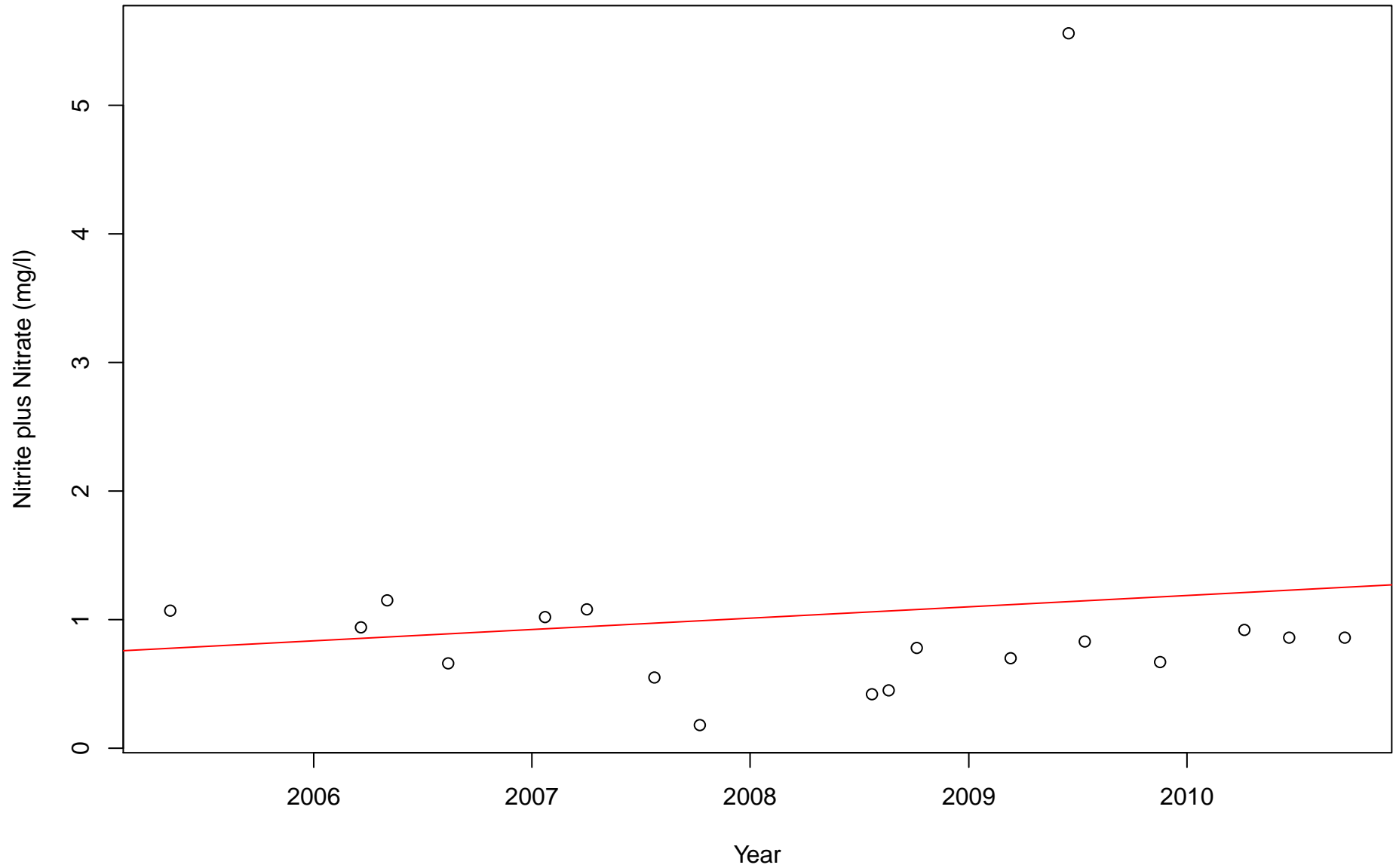


BA05MSI000SL01



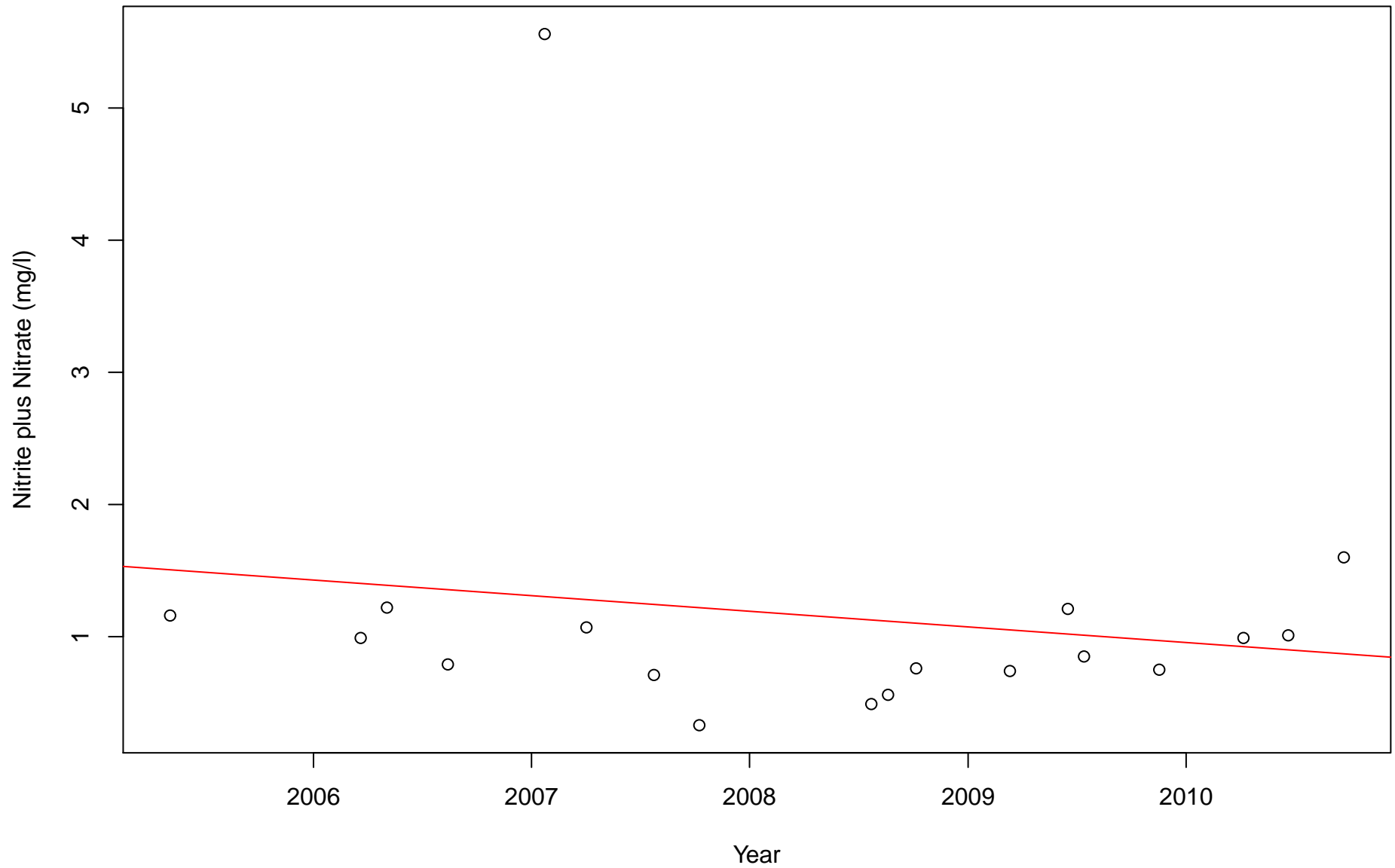
slope = -0.0176074761242161 ; p-value = 0.781611740650518

BA05MSI000SL02



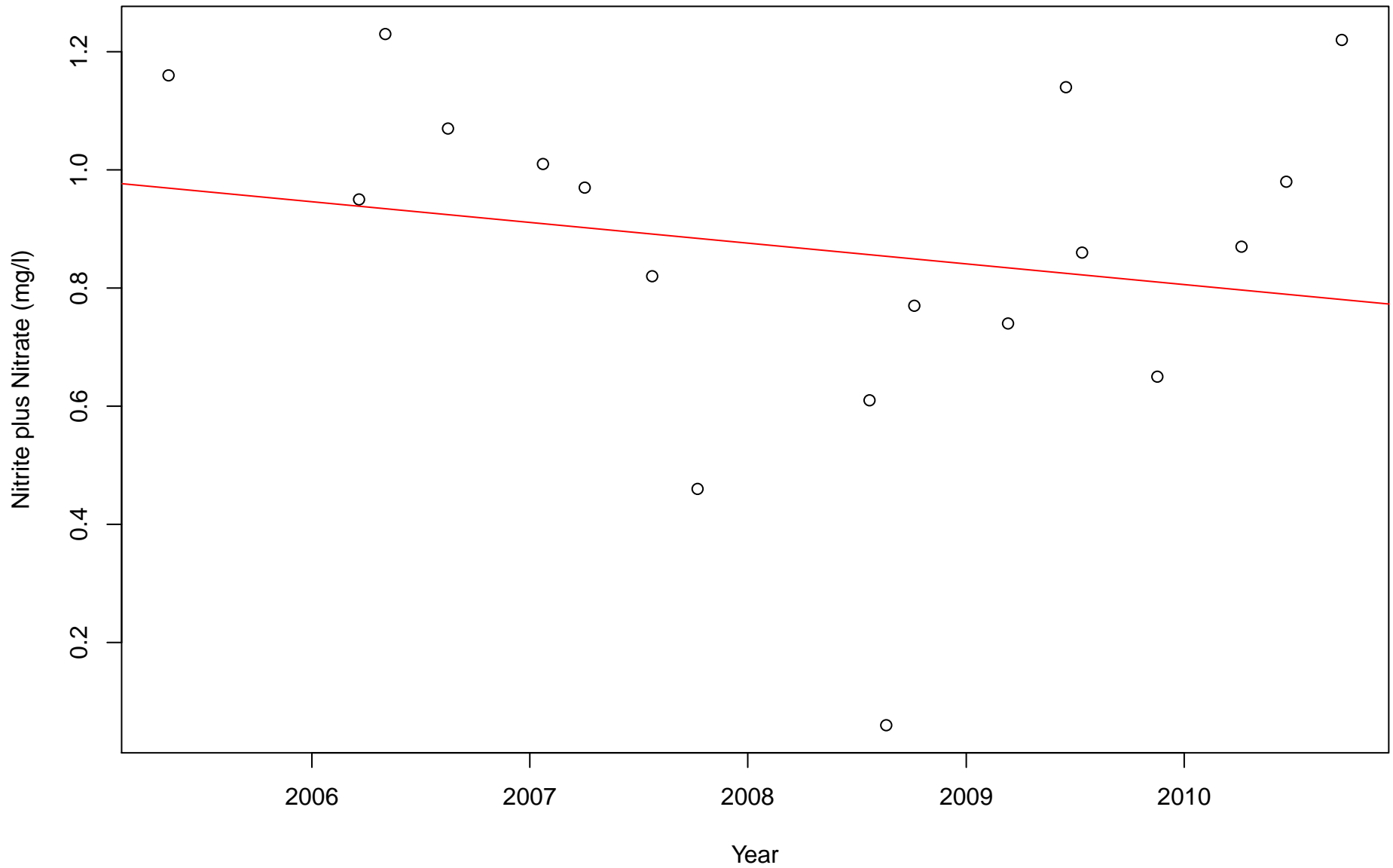
slope = 0.0880824871447992; p-value = 0.627252481095317

BA05MSI000SL03



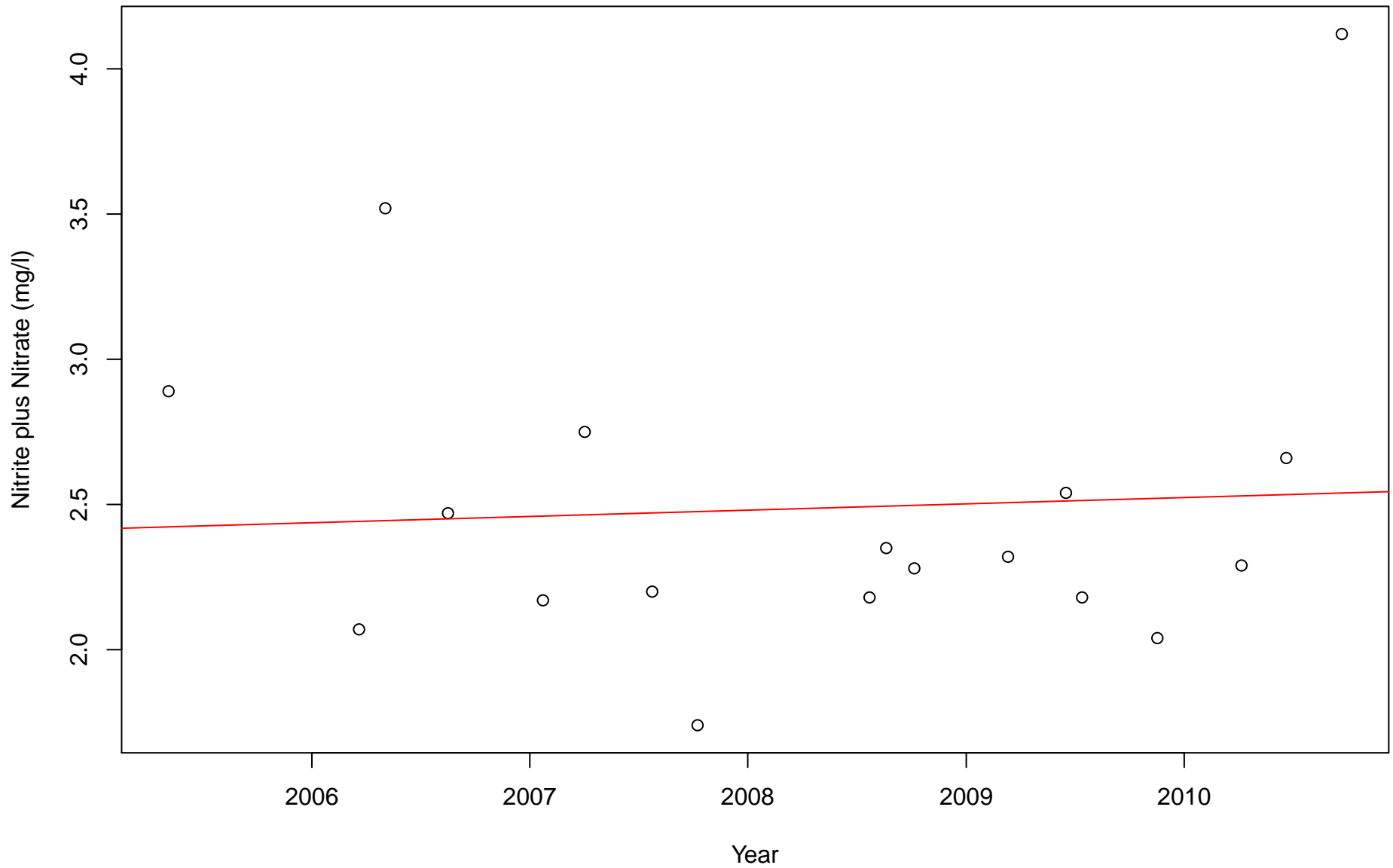
slope = -0.118128736678907 ; p-value = 0.507184949030145

BA05MSI000SL04



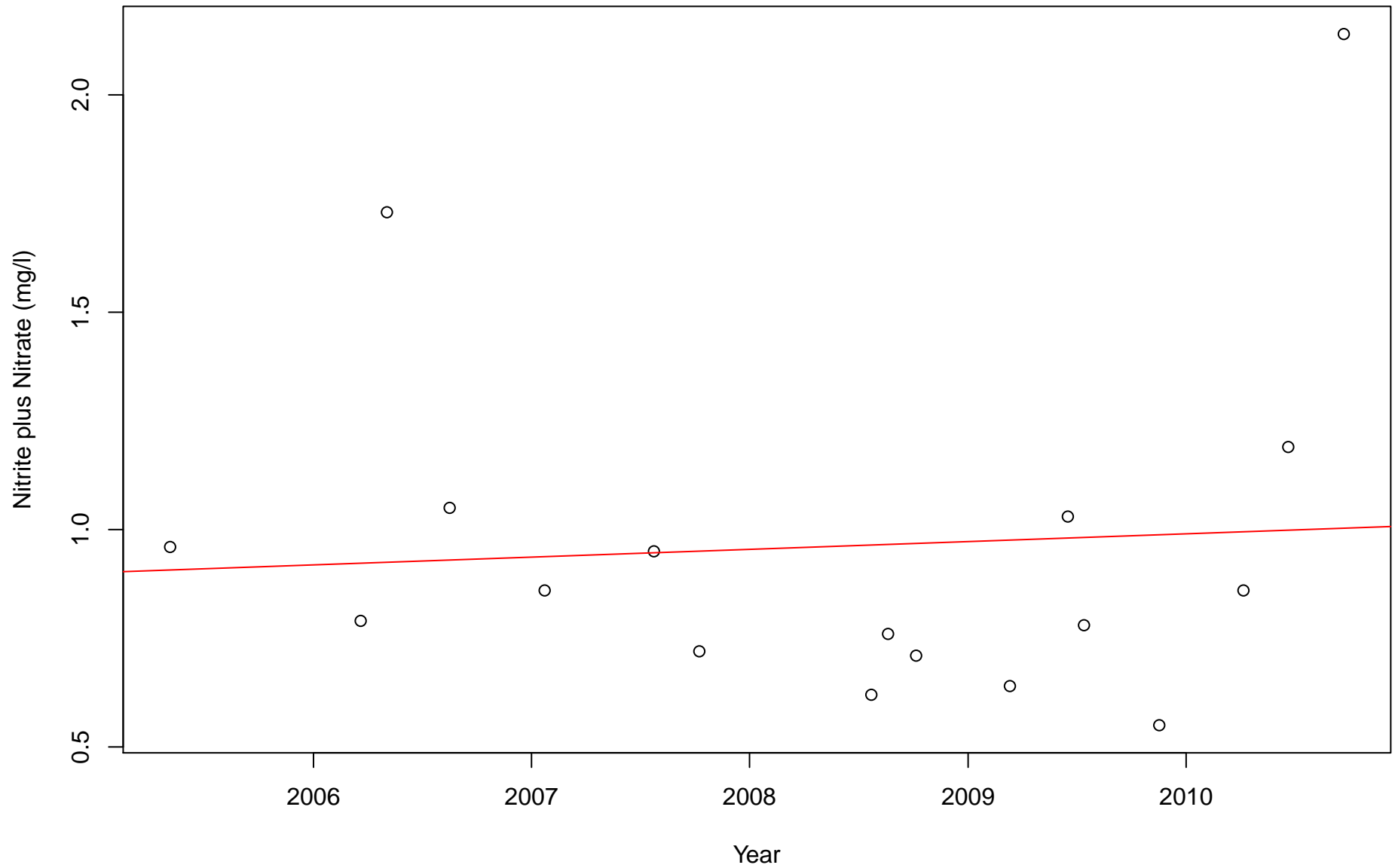
slope = -0.0350313982121773 ; p-value = 0.444375129311004

BA05MSI000SL05



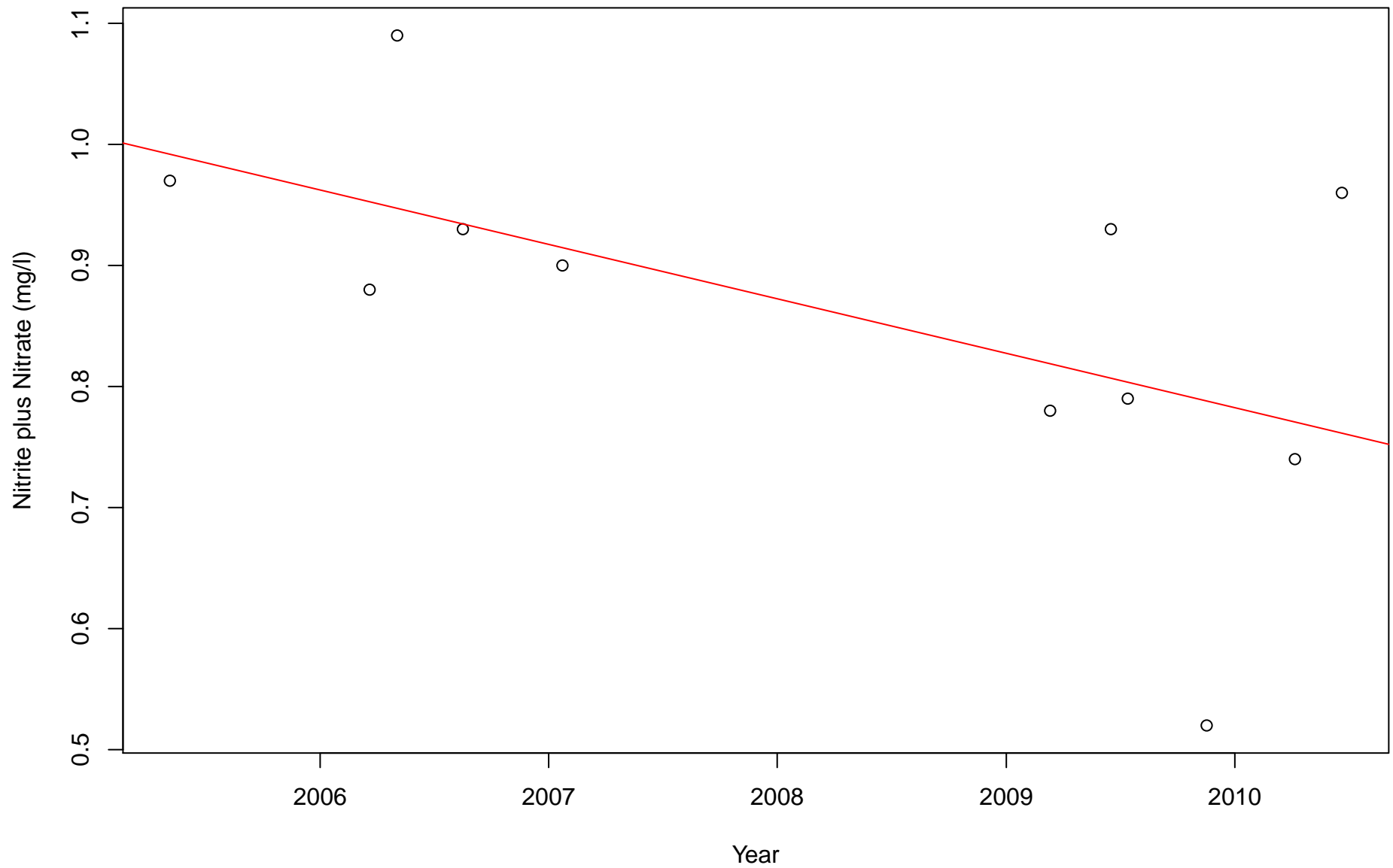
slope = 0.021669273256185; p-value = 0.807397348337837

BA05MSI000SL06



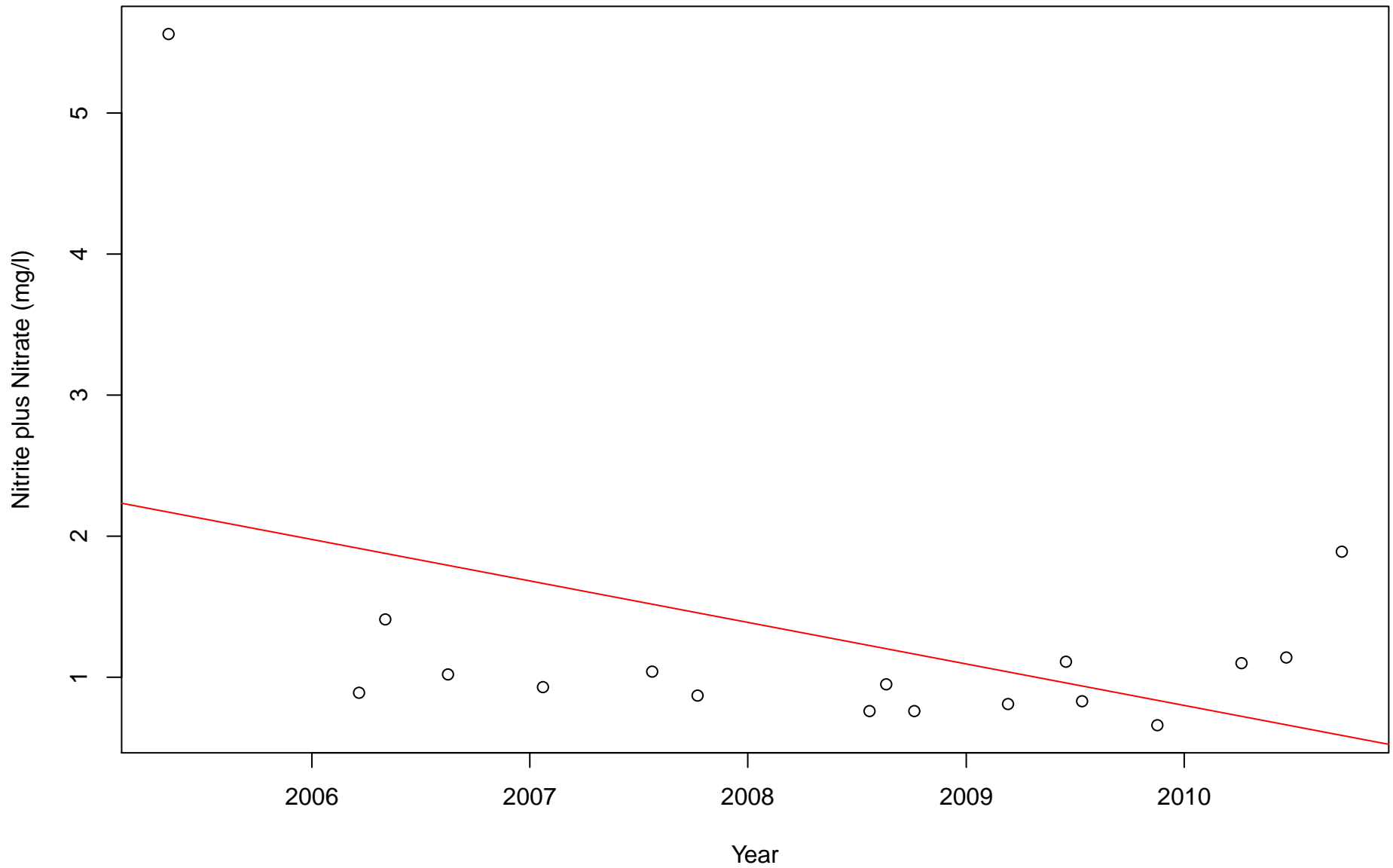
slope = 0.01785494792707; p-value = 0.784895613692029

BA05MSI000SL07



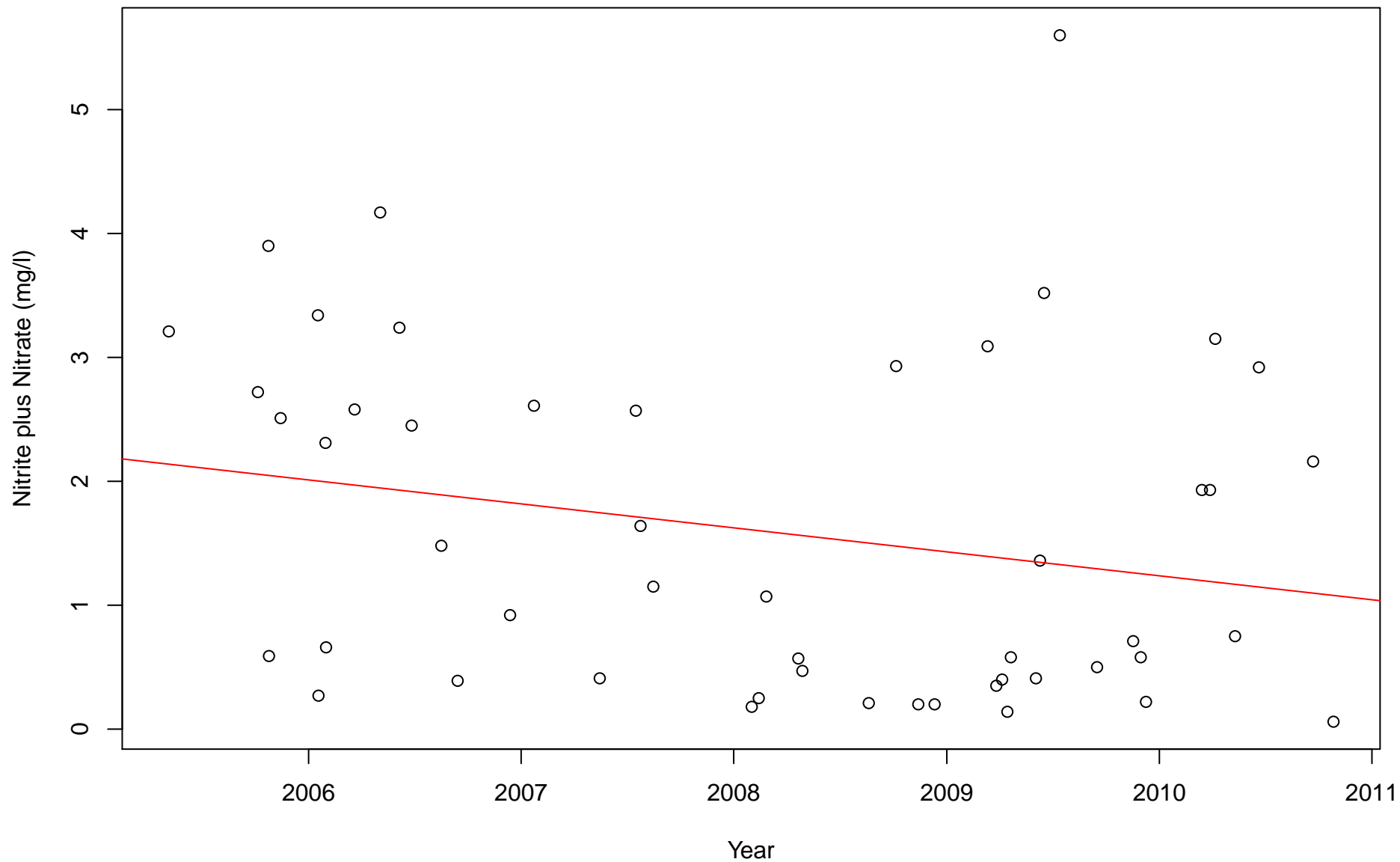
slope = -0.0449326337650242 ; p-value = 0.070603593029621

BA05MSI000SL08



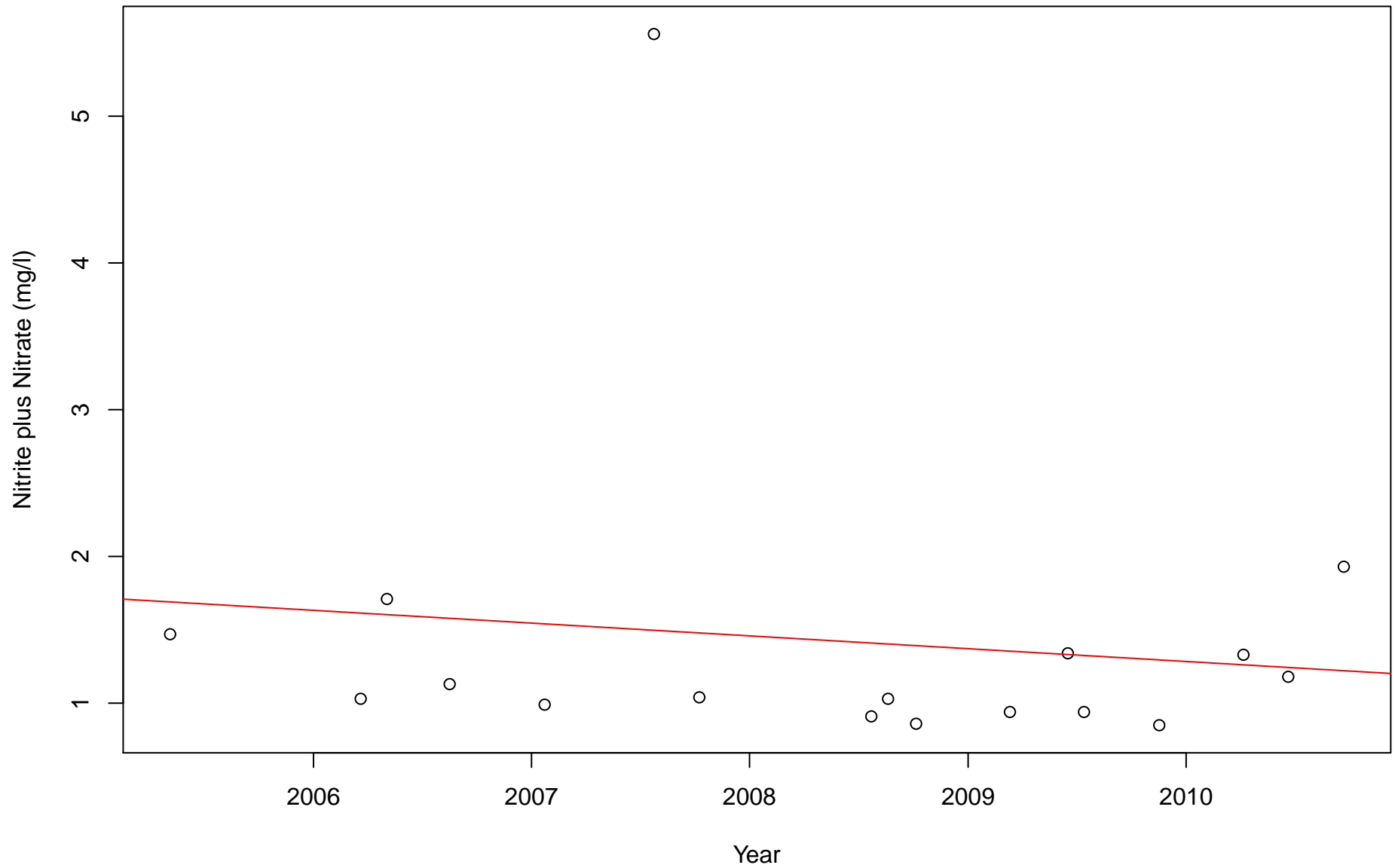
slope = -0.293987684256277 ; p-value = 0.0909243451047228

BA05MSI000SL09



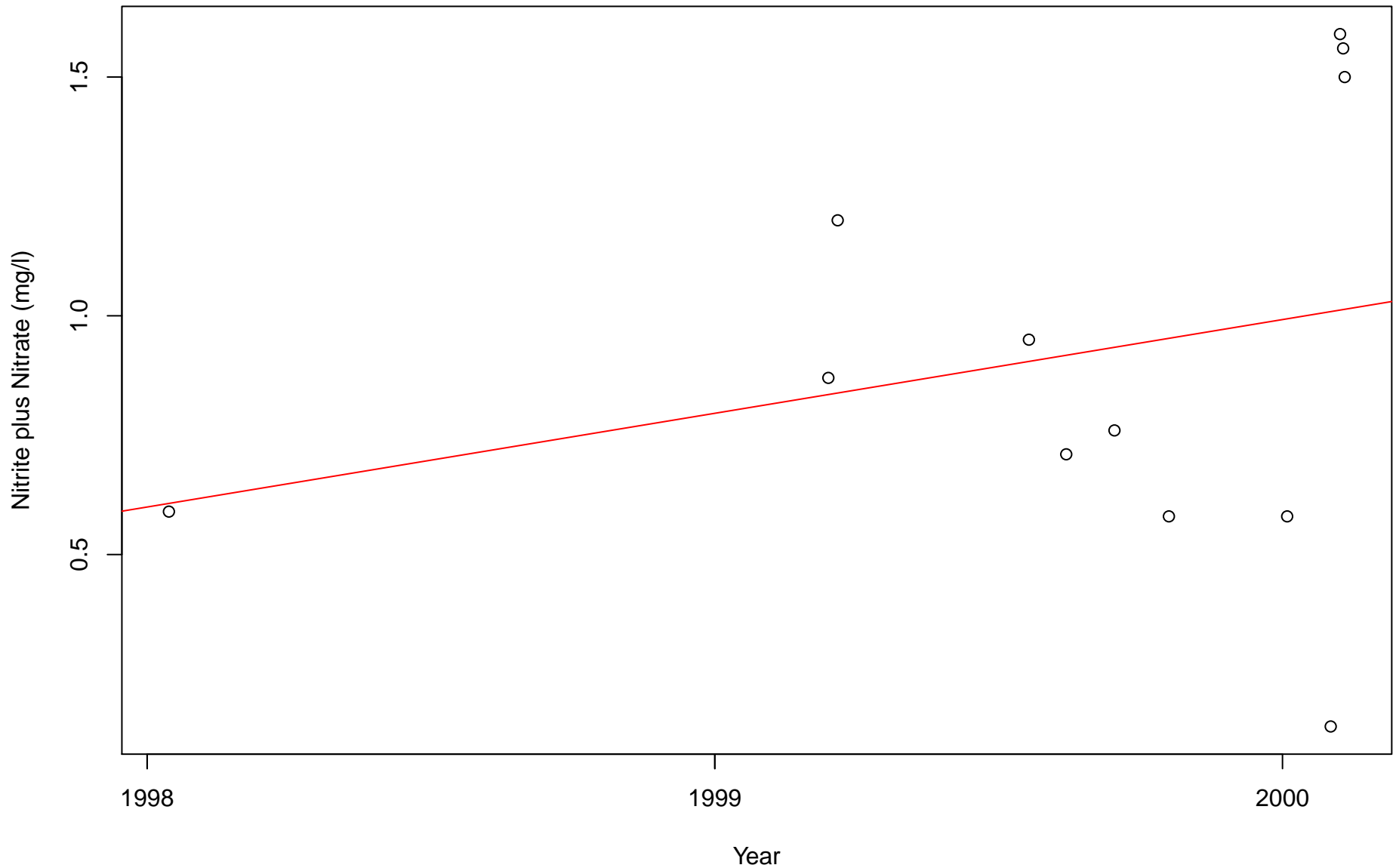
slope = -0.193350910072223 ; p-value = 0.101361915626485

BA05MSI000SL10



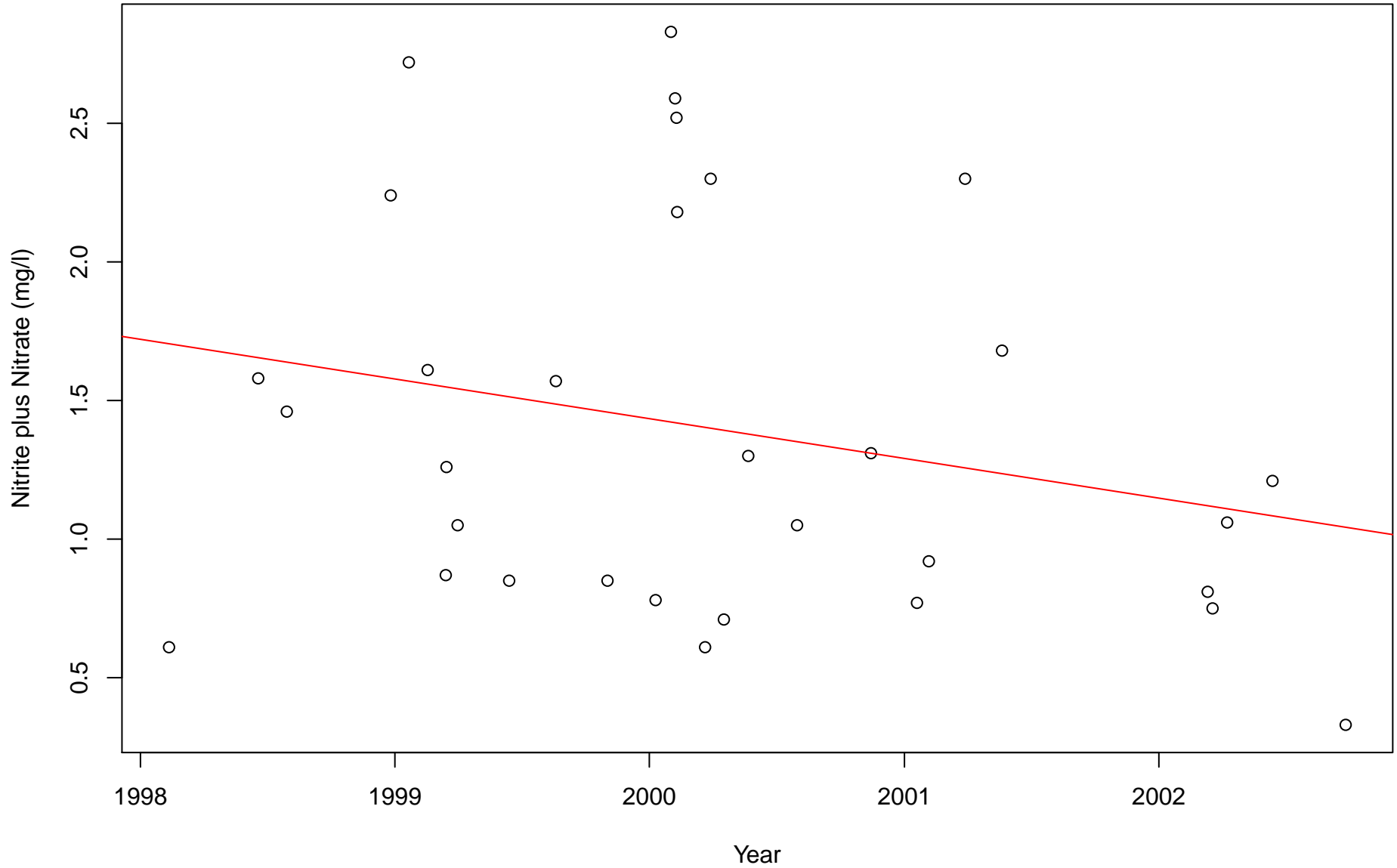
slope = -0.0870787090552049 ; p-value = 0.621929738060449

BA98MSI000LQ3



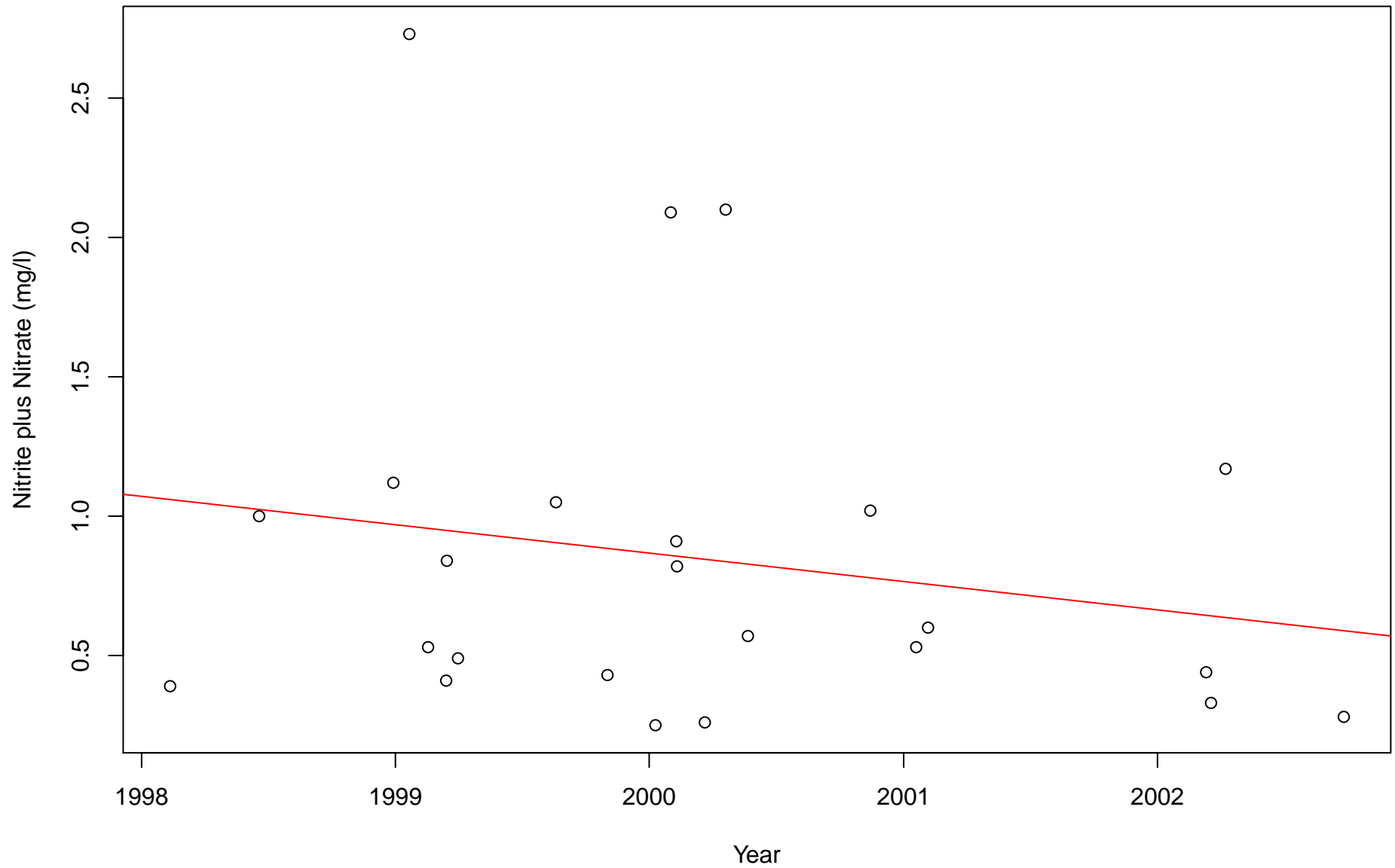
slope = 0.196265435006898; p-value = 0.418552536141841

BA98MSI000SB2



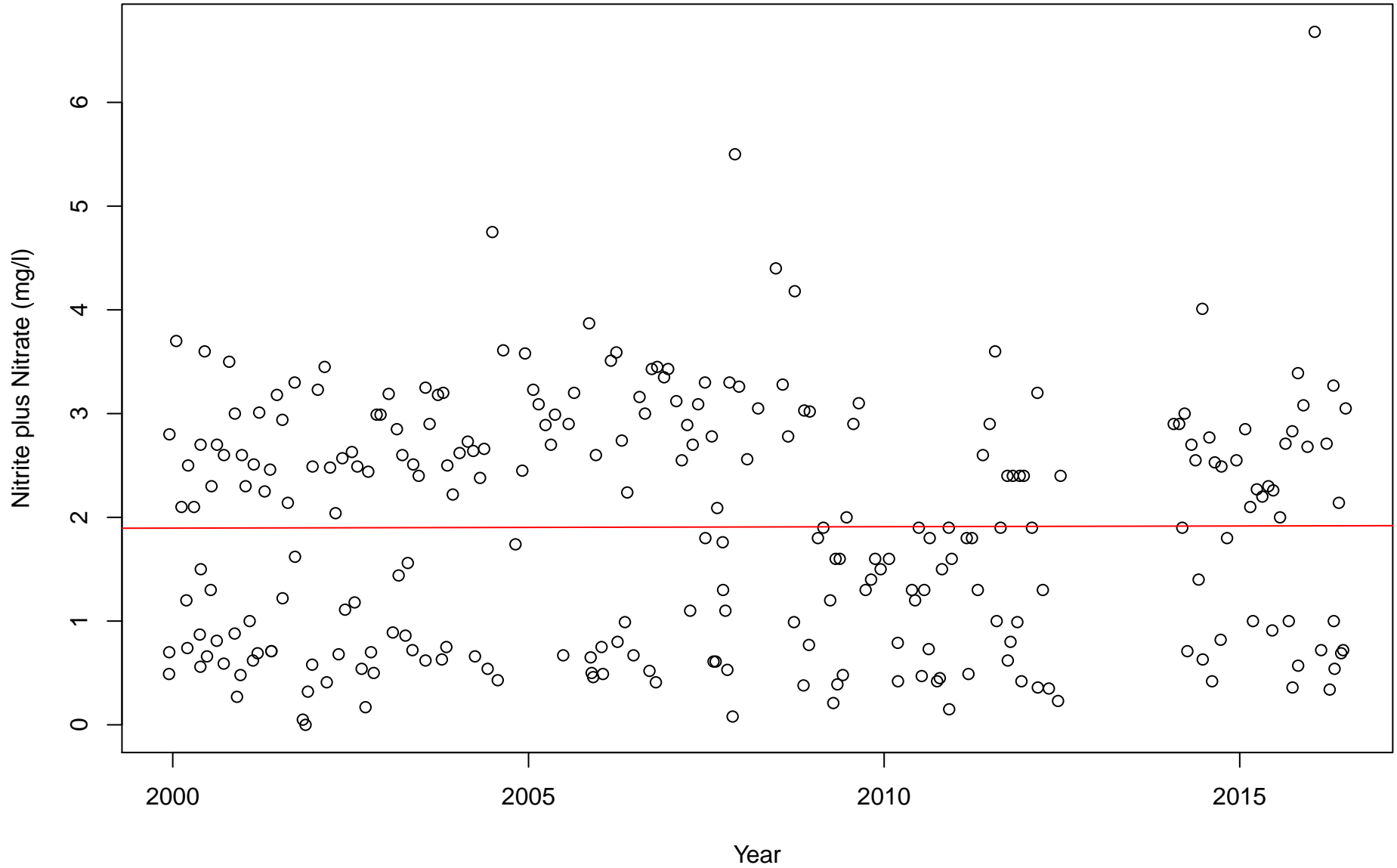
slope = -0.14312468786329 ; p-value = 0.173053463552948

BA98MSI000SB3

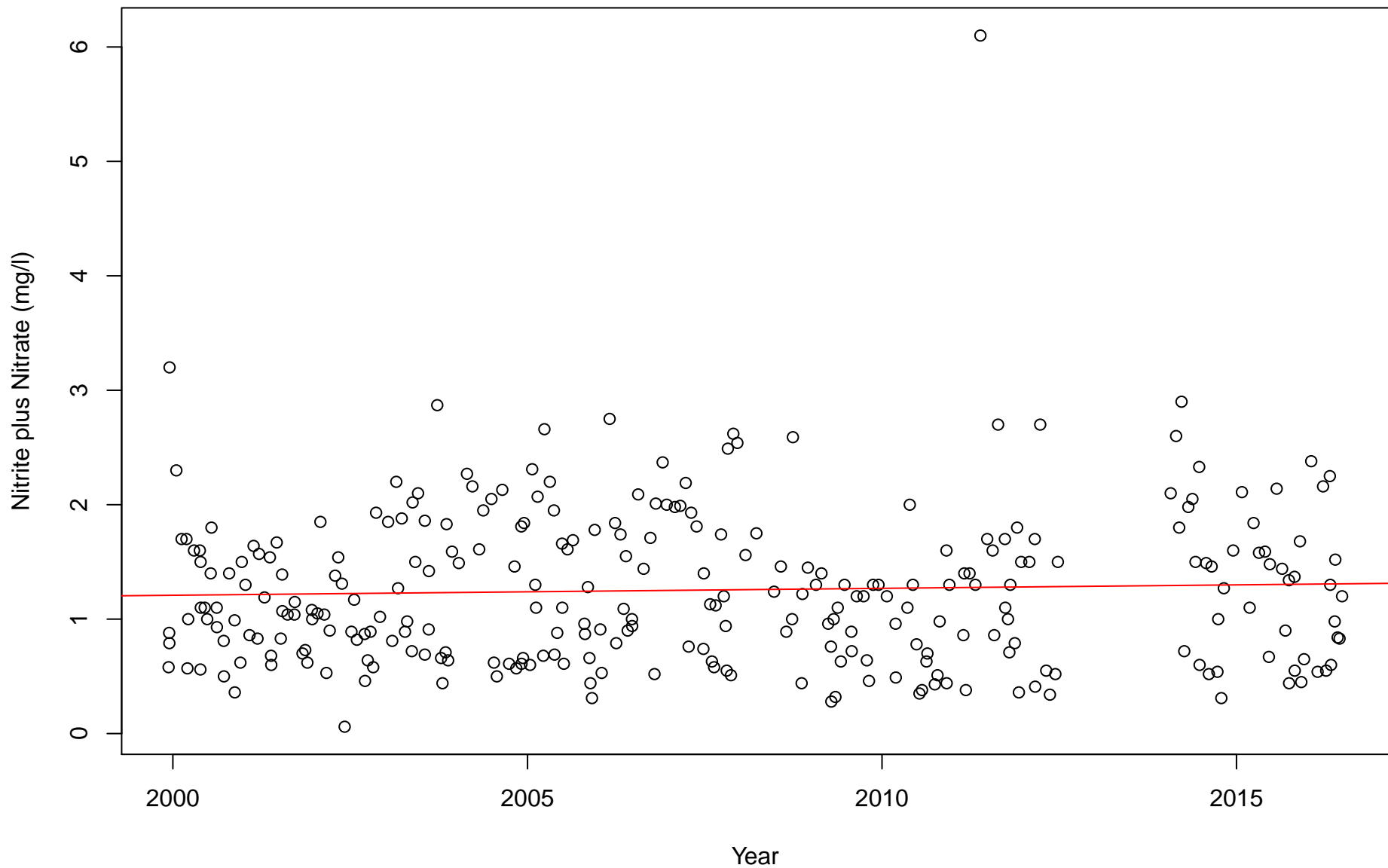


slope = -0.10179327166553 ; p-value = 0.355036300329074

BC16MS000I81

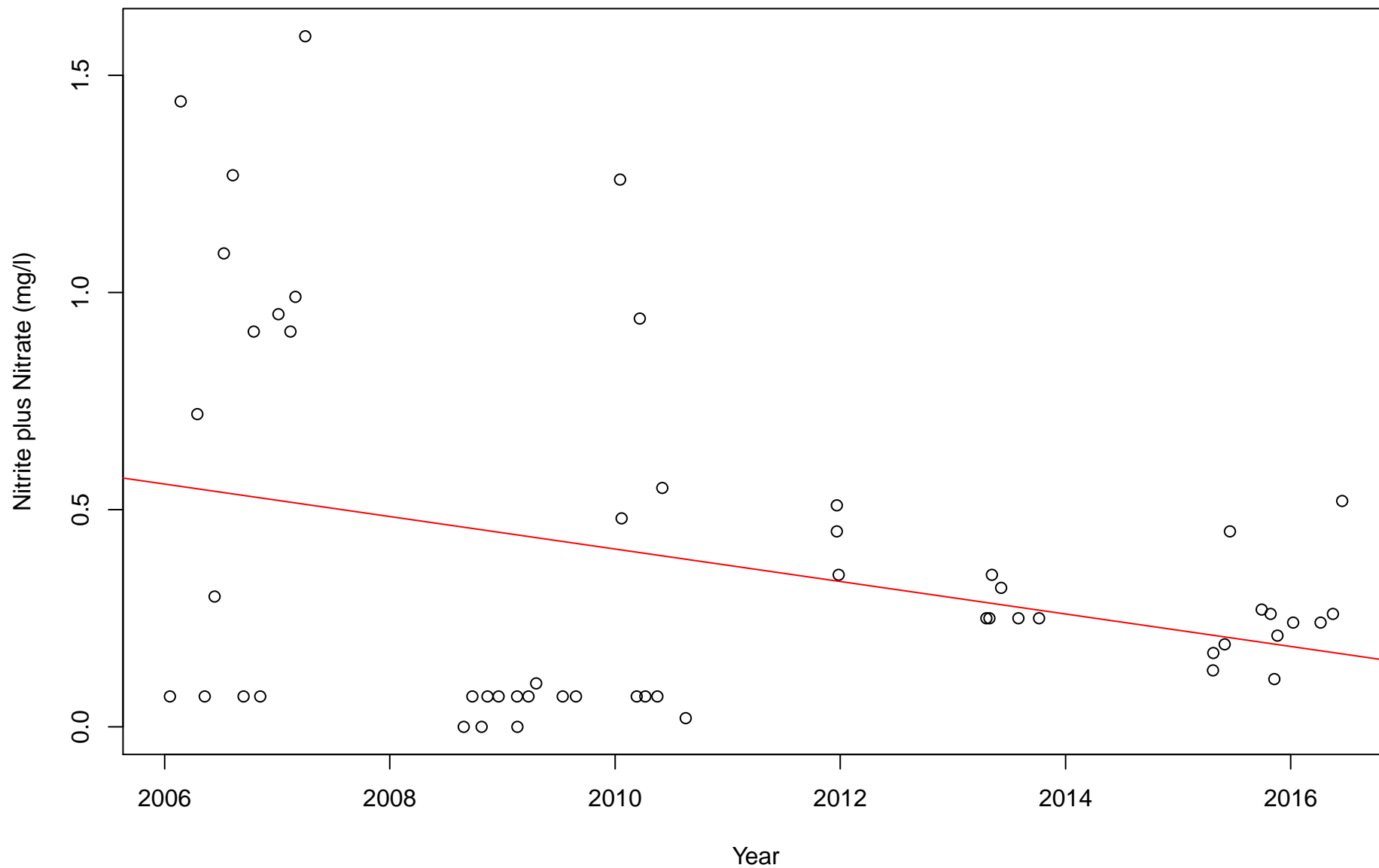


BC16MS000I82



slope = 0.00605133477634567; p-value = 0.460739224916874

CC15MSI000001



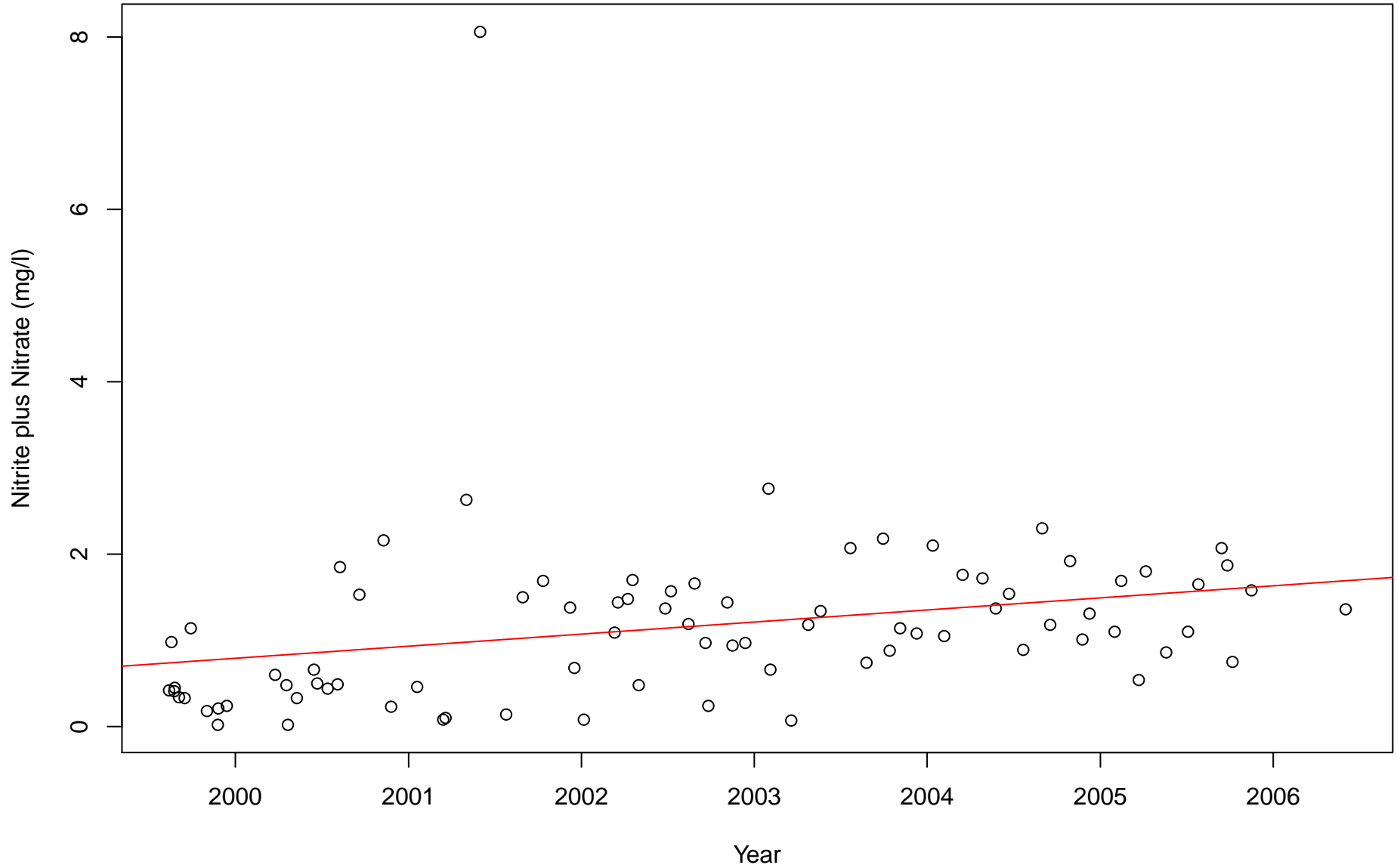
slope = -0.0373668737260199; p-value = 0.020083718826018

CC15MSI000002

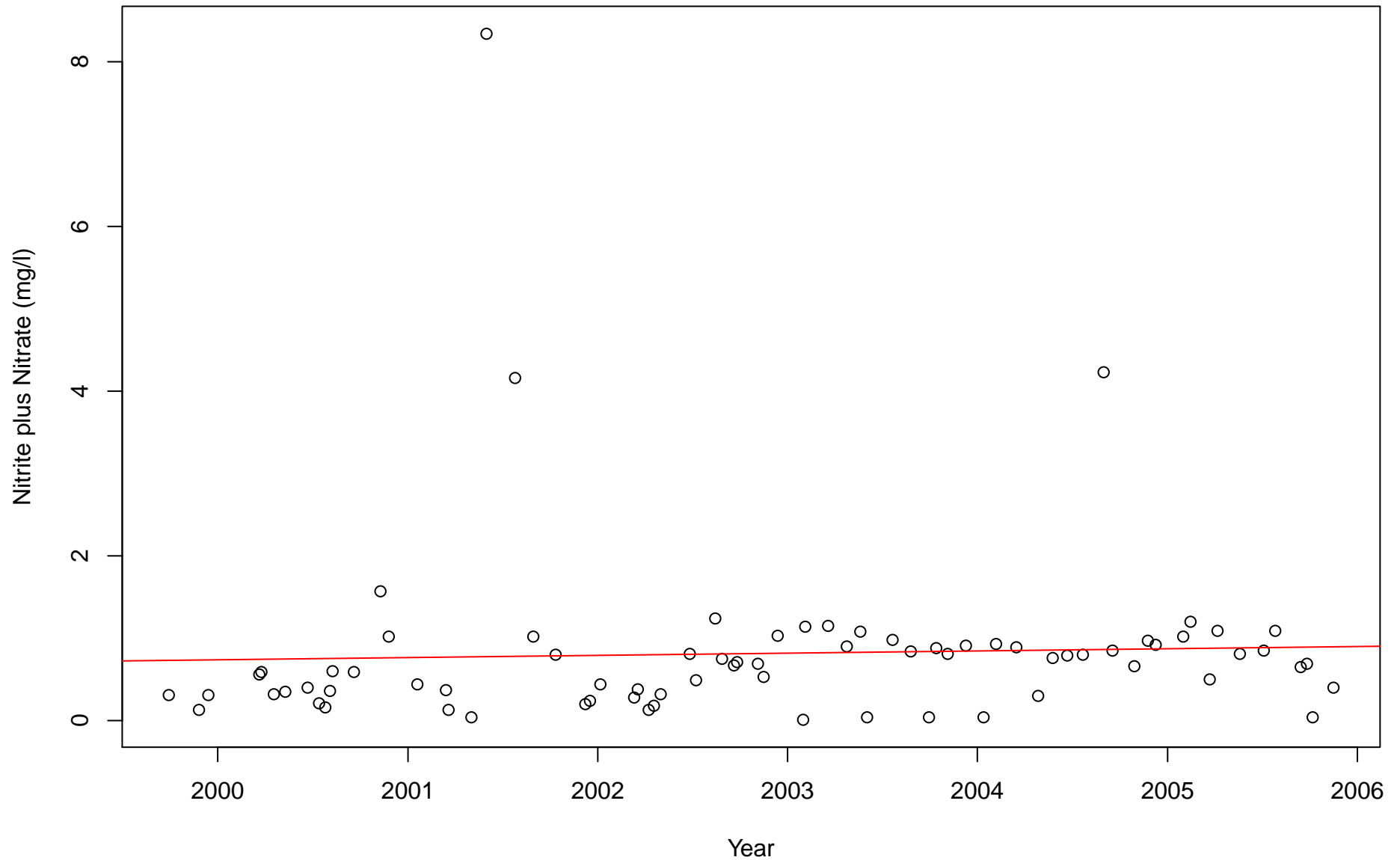


slope = -0.0415153788034144 ; p-value = 0.0344573265824854

CH99MSI000096

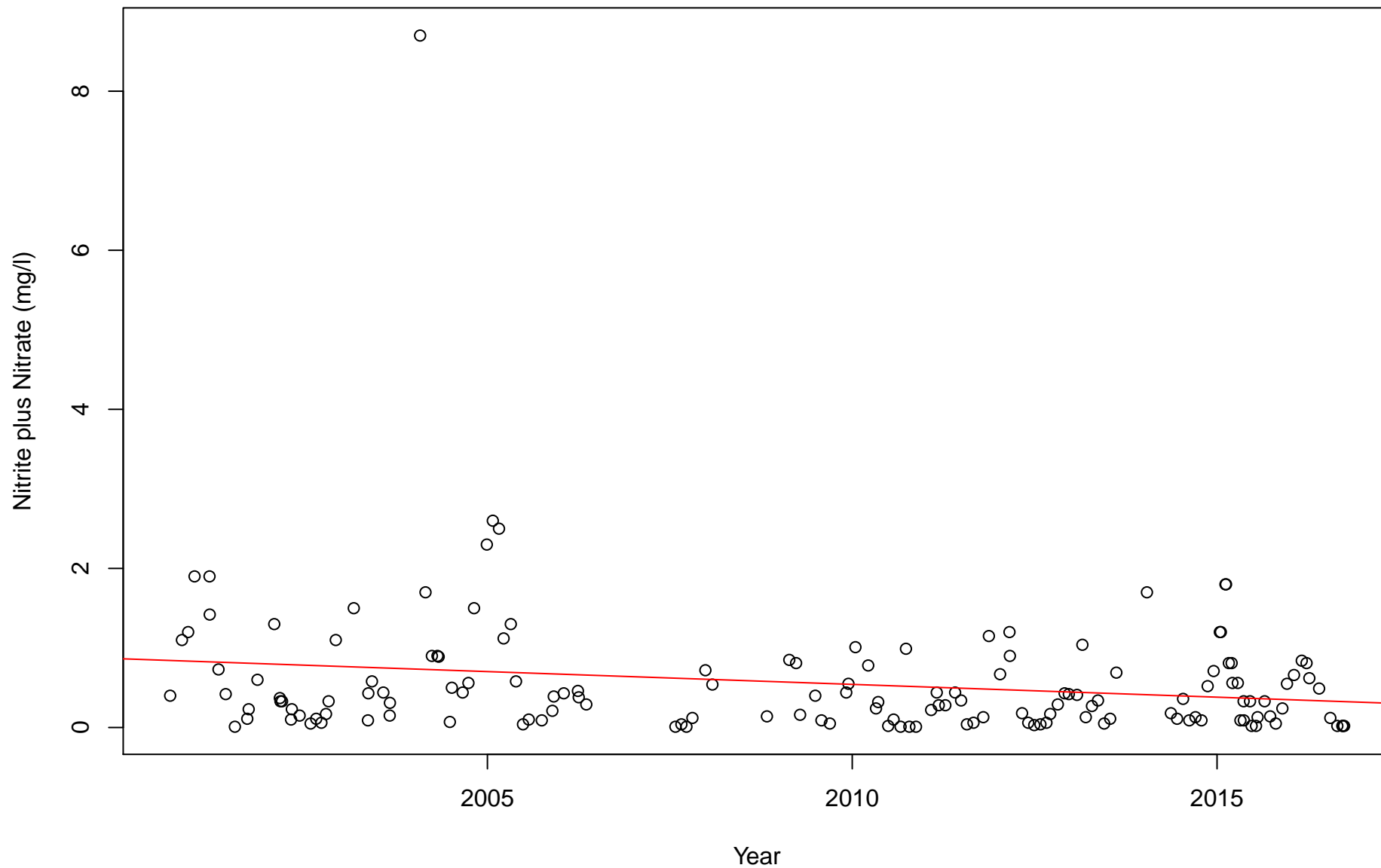


CH99MSI000162



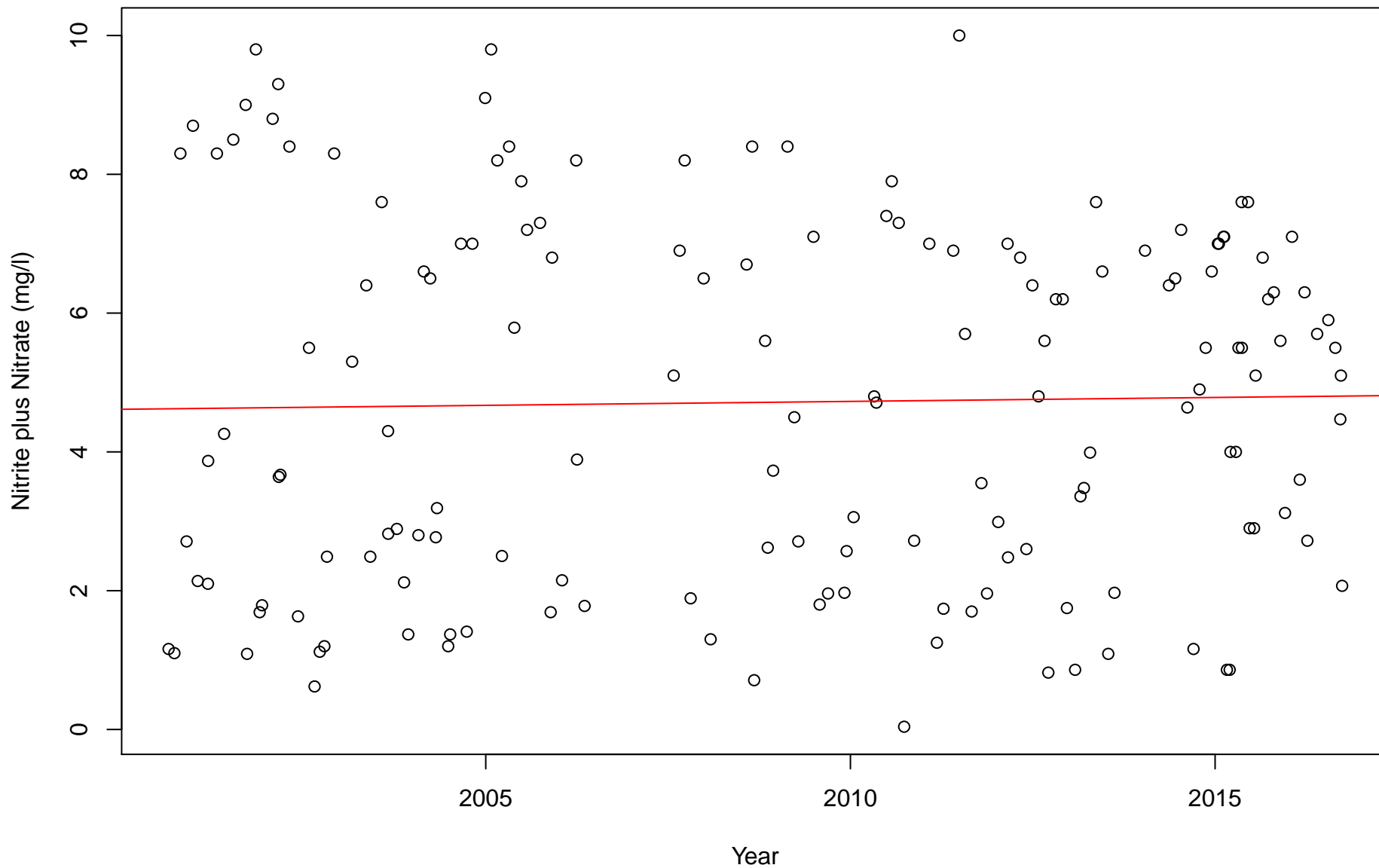
slope = 0.0268096468209949; p-value = 0.71713113208635

CR15MSI000003



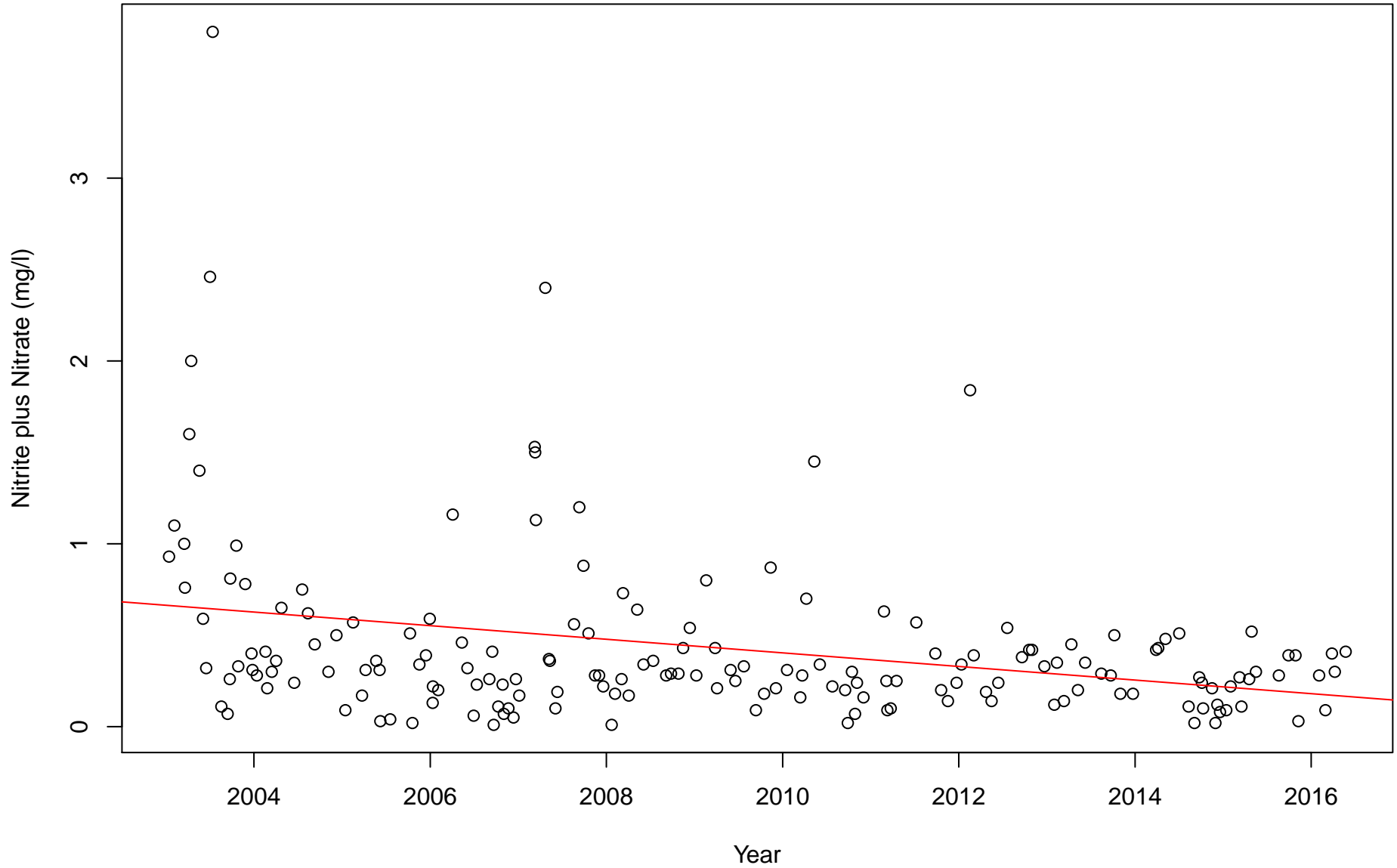
slope = -0.0321513960447812 ; p-value = 0.0181594718551357

CR15MSI000004



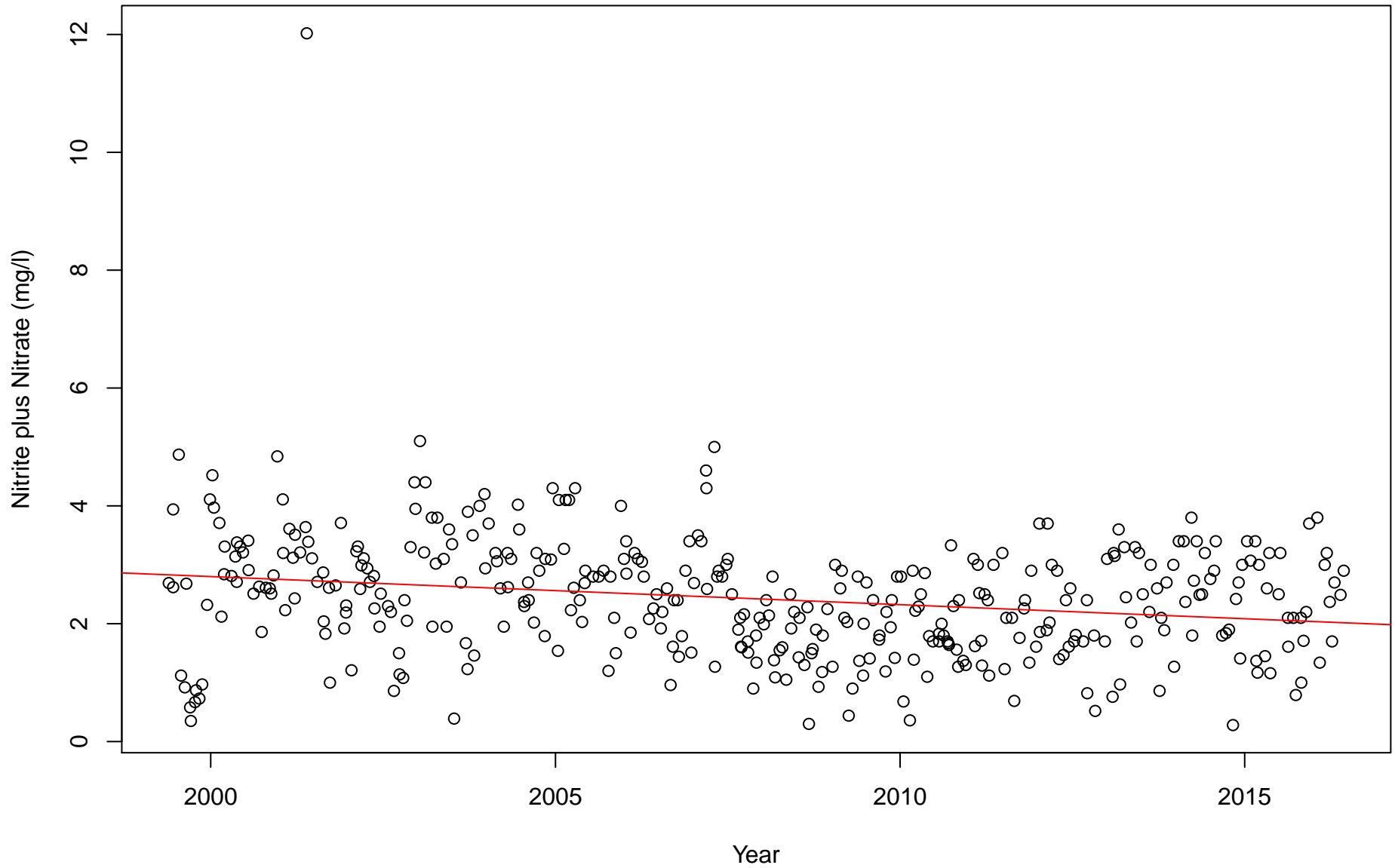
slope = 0.0113674438695702; p-value = 0.778587337455305

FR02MSI000059



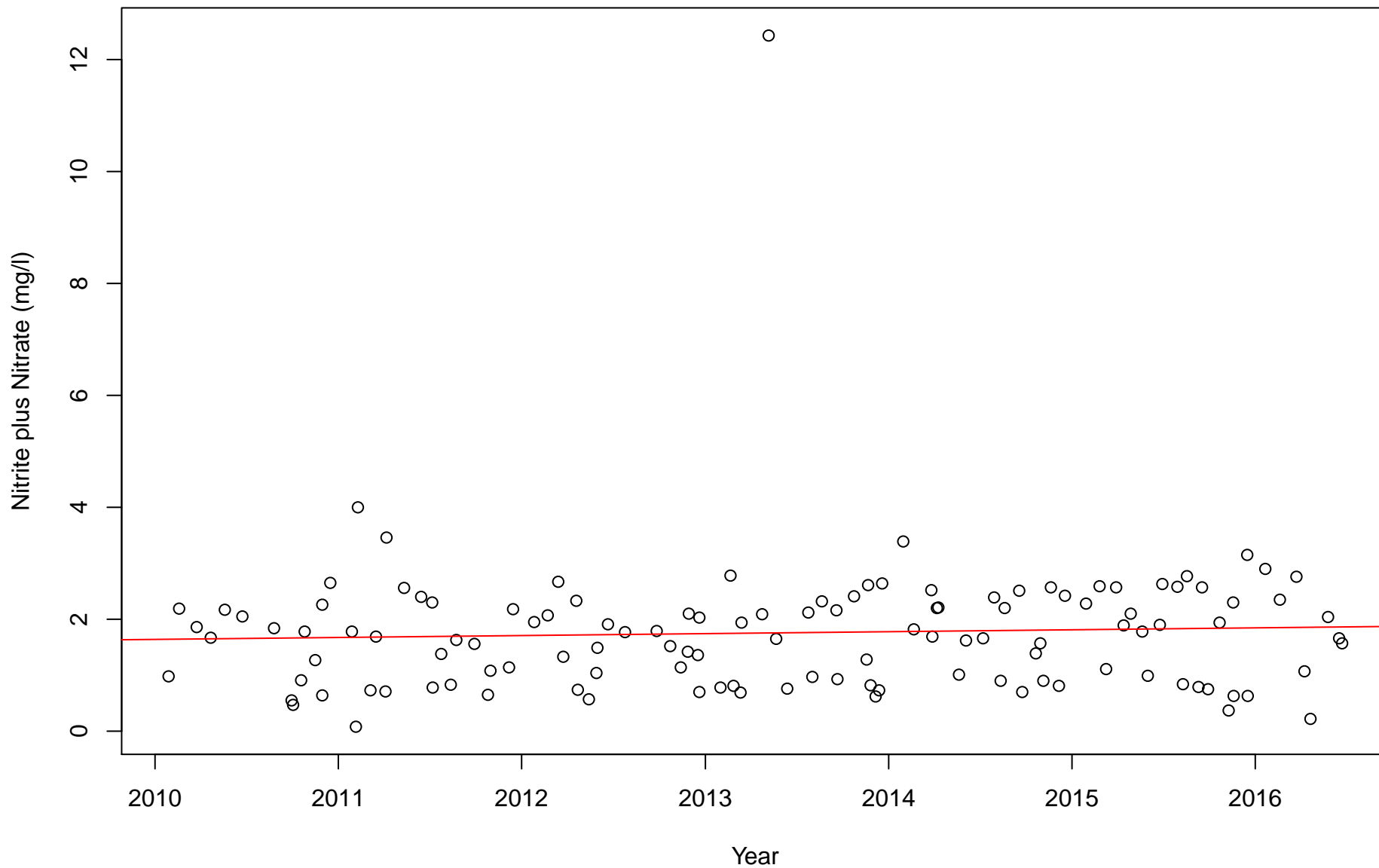
slope = -0.0371702947341115 ; p-value = $3.8408096766228\text{e-}05$

FR99MSI000058



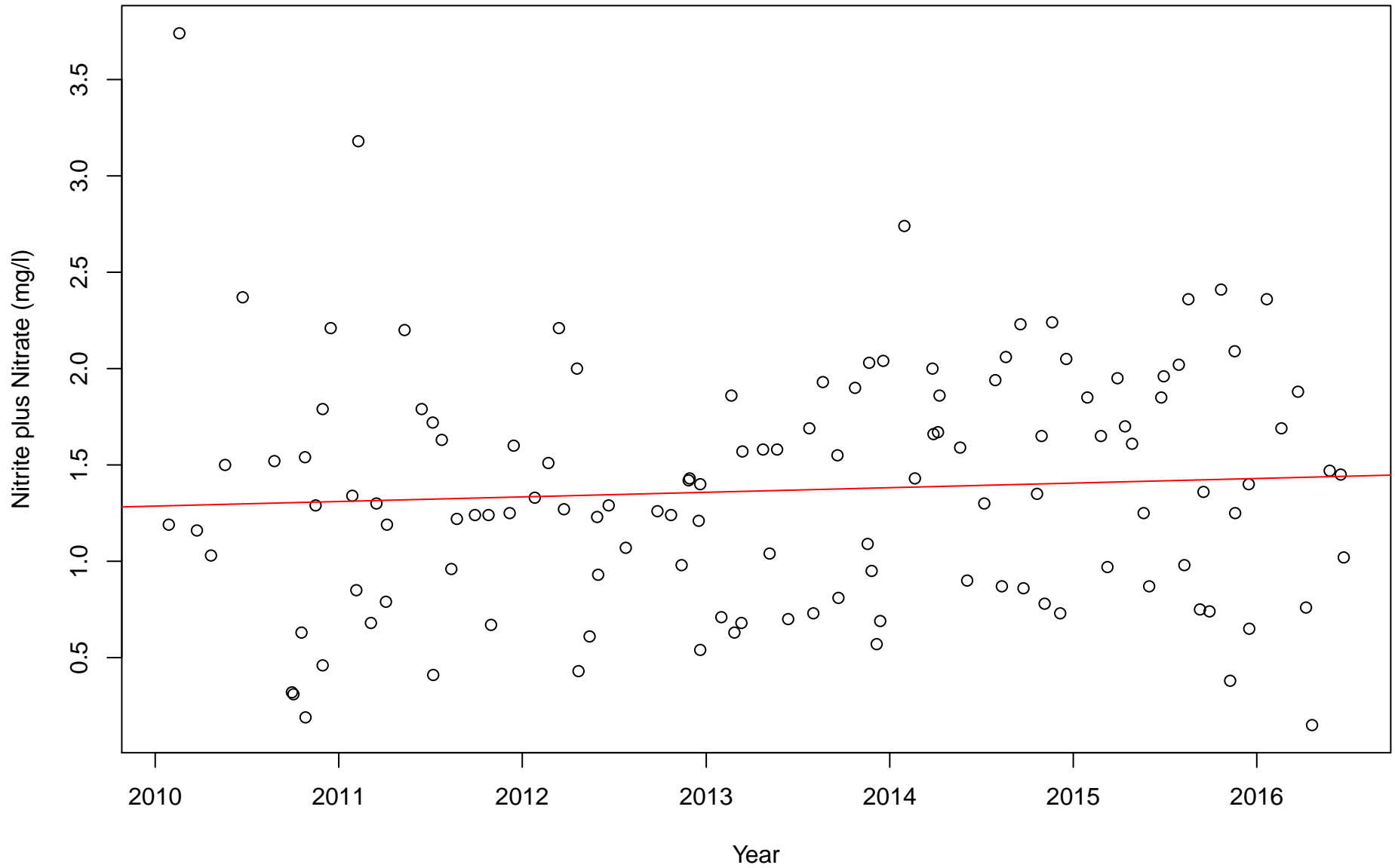
slope = -0.0476607131837085 ; p-value = $1.40664958295367\text{e-}05$

HA10MSI0WC002



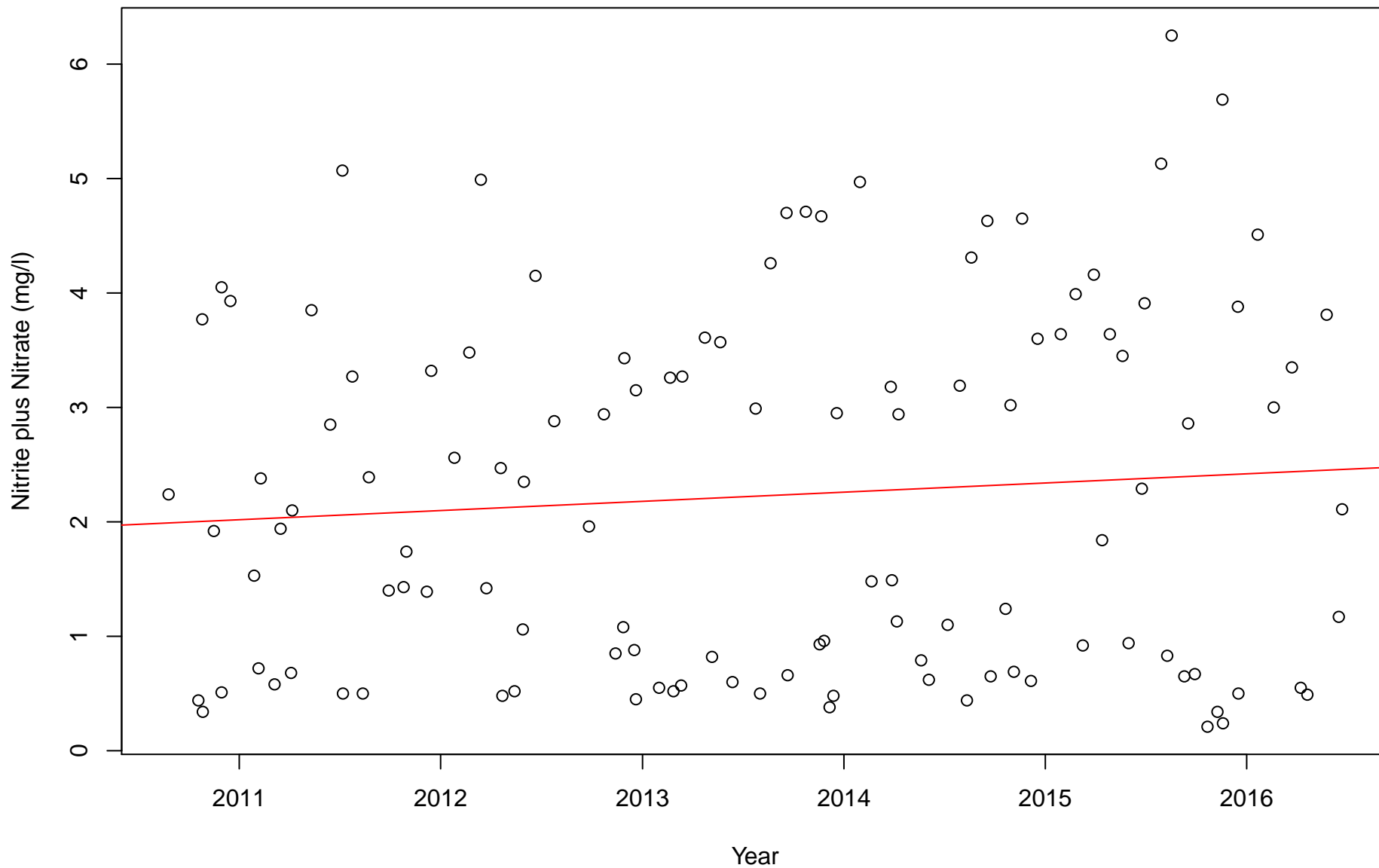
slope = 0.0343635860862165; p-value = 0.578800131179274

HA10MSI0WC003



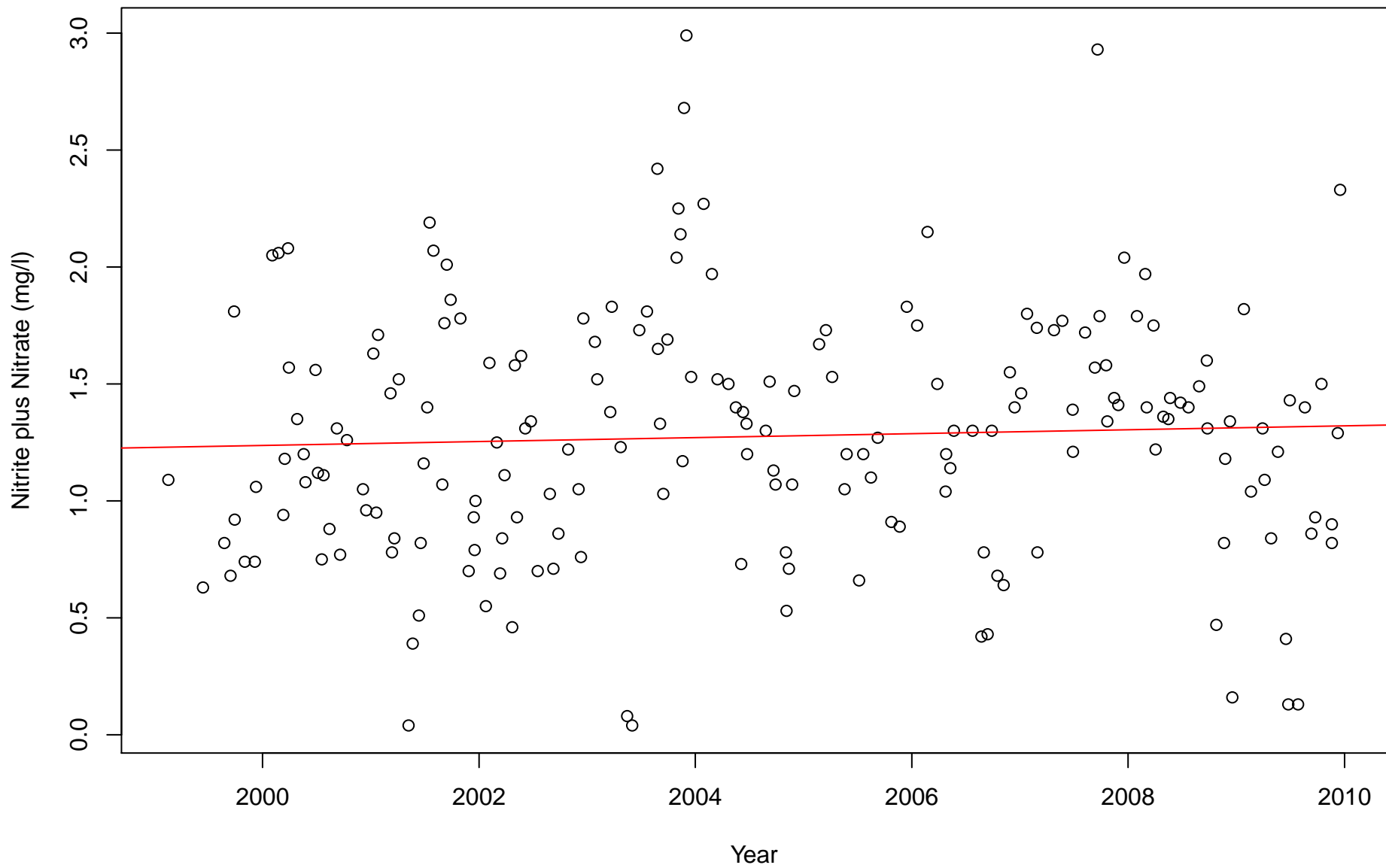
slope = 0.0238642069085025; p-value = 0.434534084090163

HA10MSI0WC004



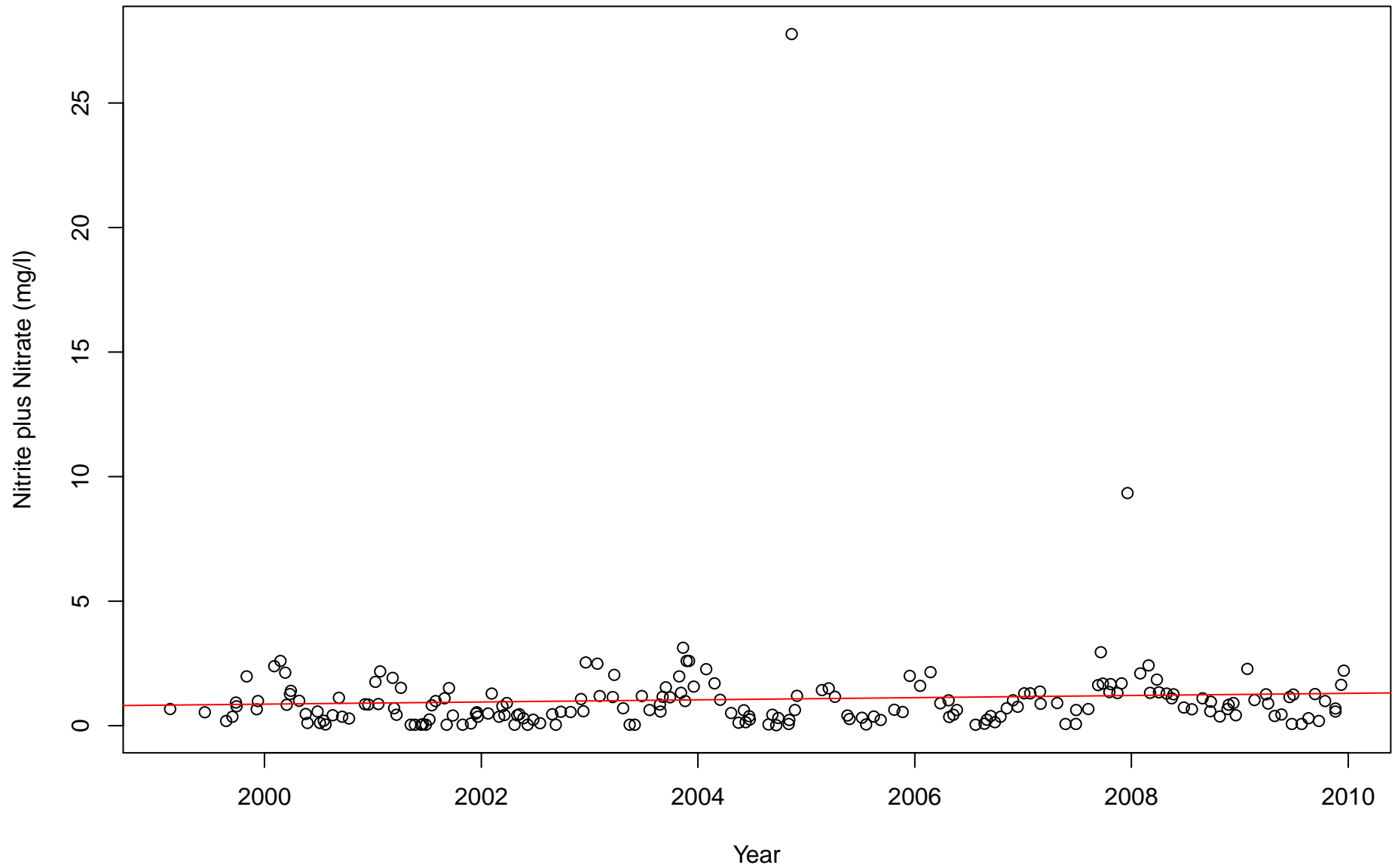
slope = 0.0802307163879425; p-value = 0.348178318341315

HA99MSI000001



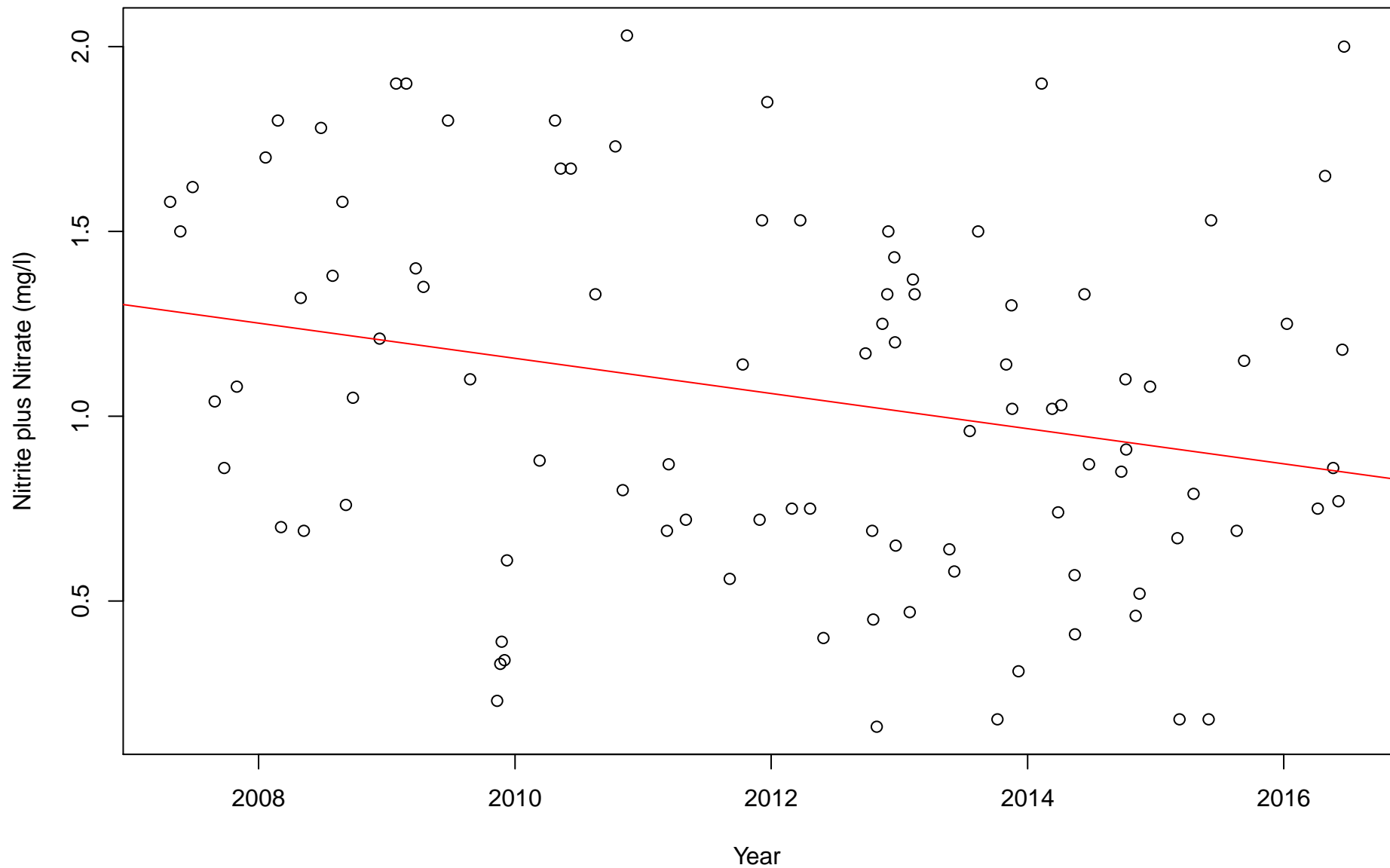
slope = 0.00838653092585329; p-value = 0.493225093688525

HA99MSI000002

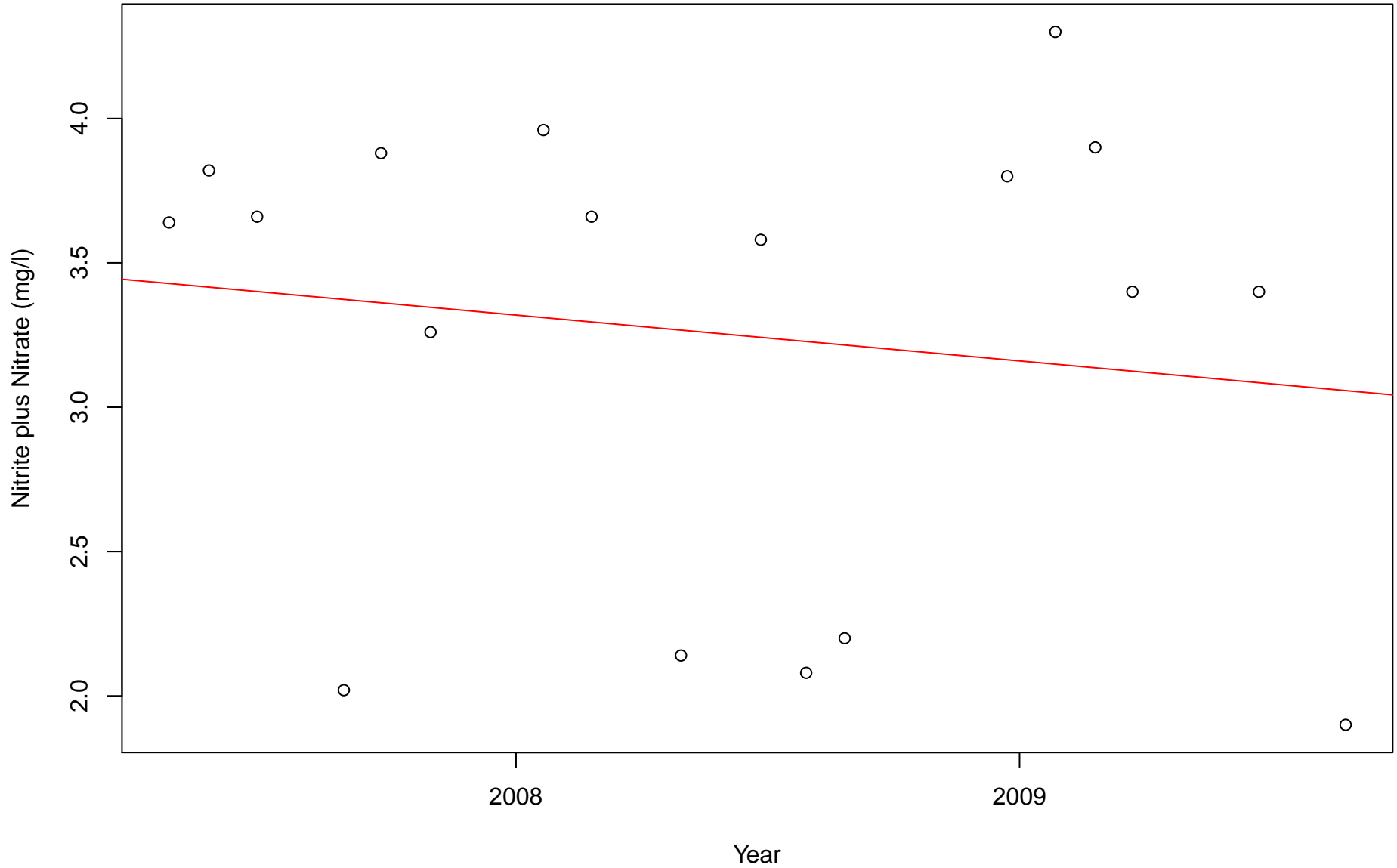


slope = 0.0433903223826641; p-value = 0.387812880032085

HO07MSI000035

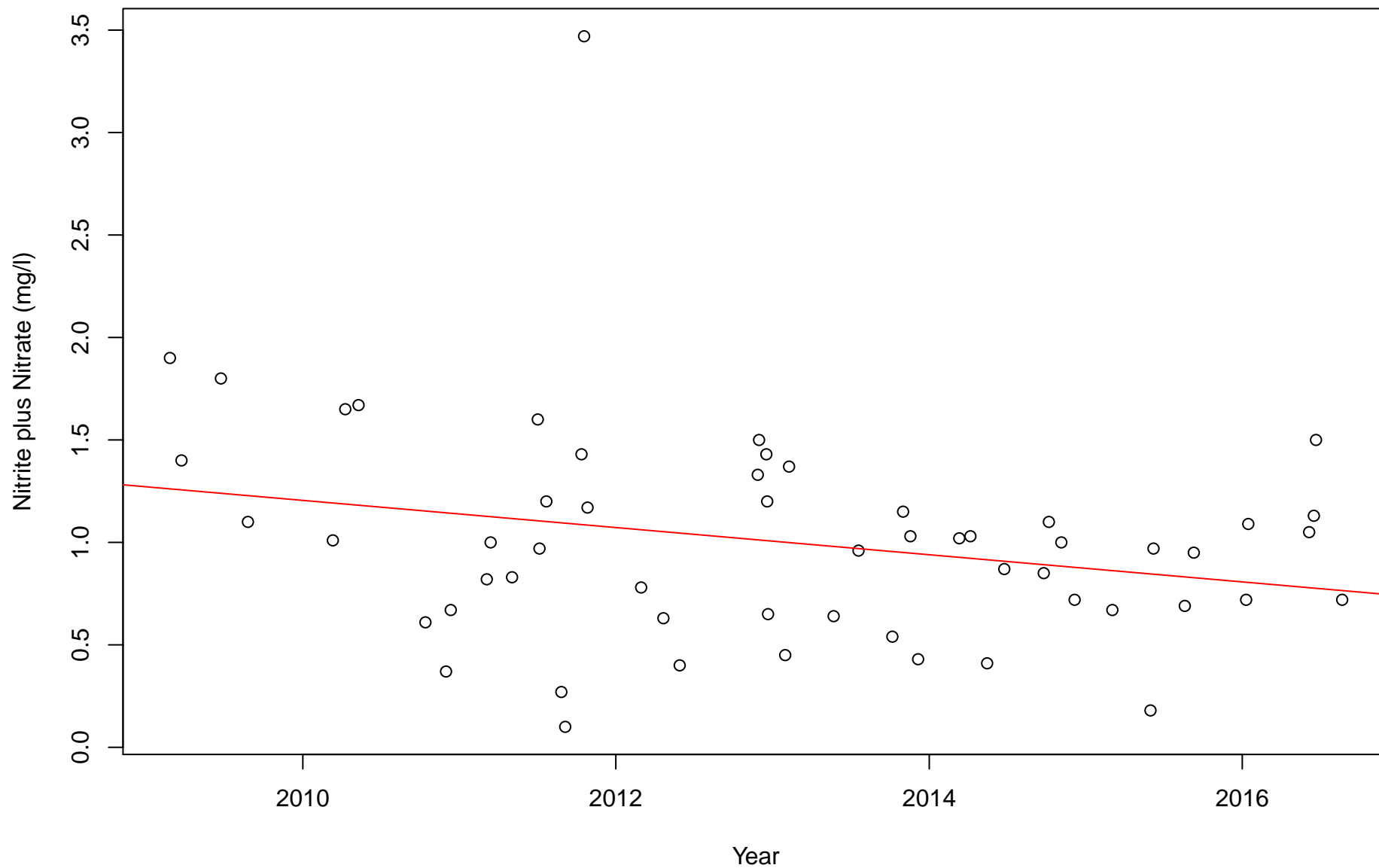


HO07MSI0000CL



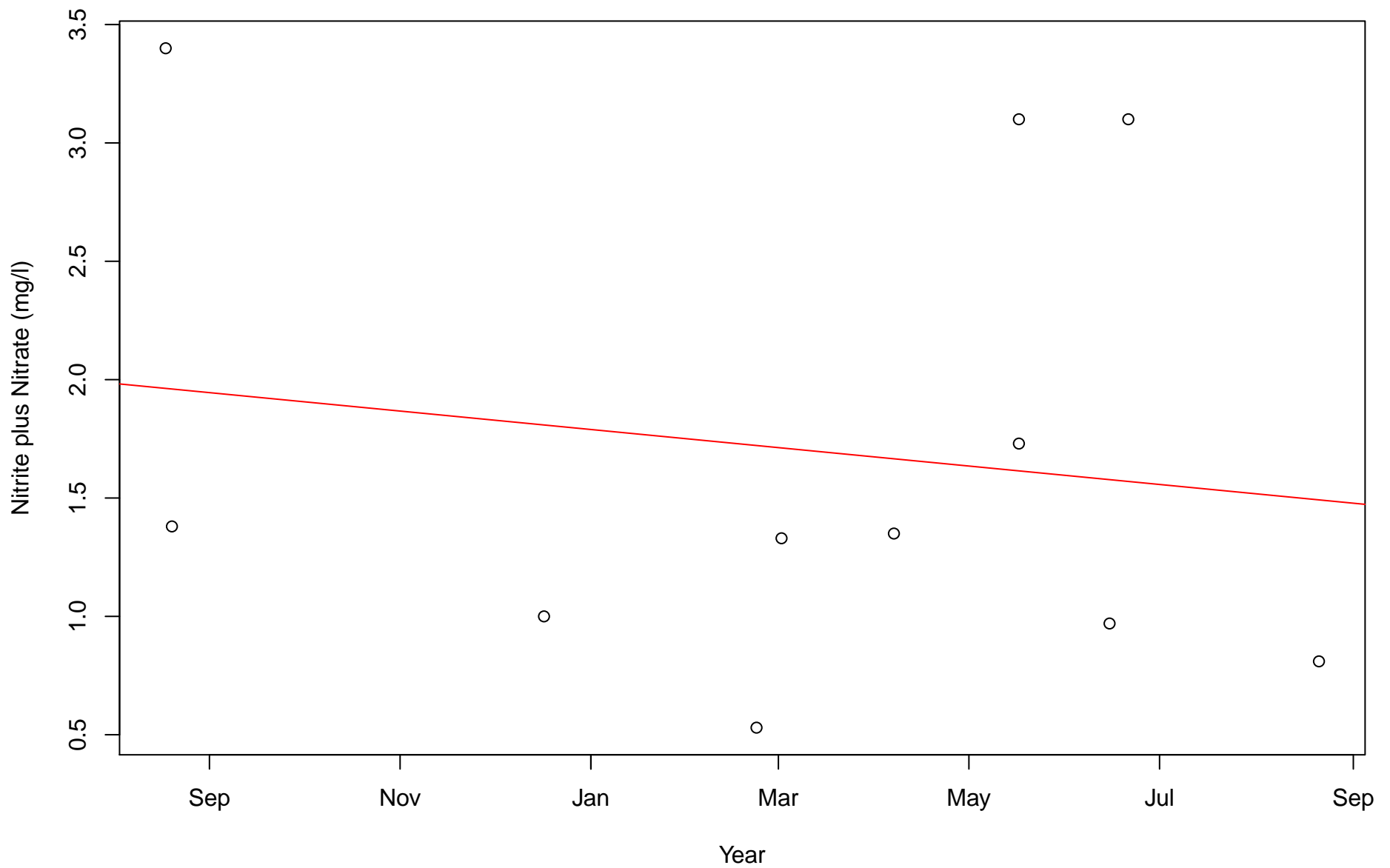
slope = -0.158349340291851; p-value = 0.556574702248459

HO09MSI000036



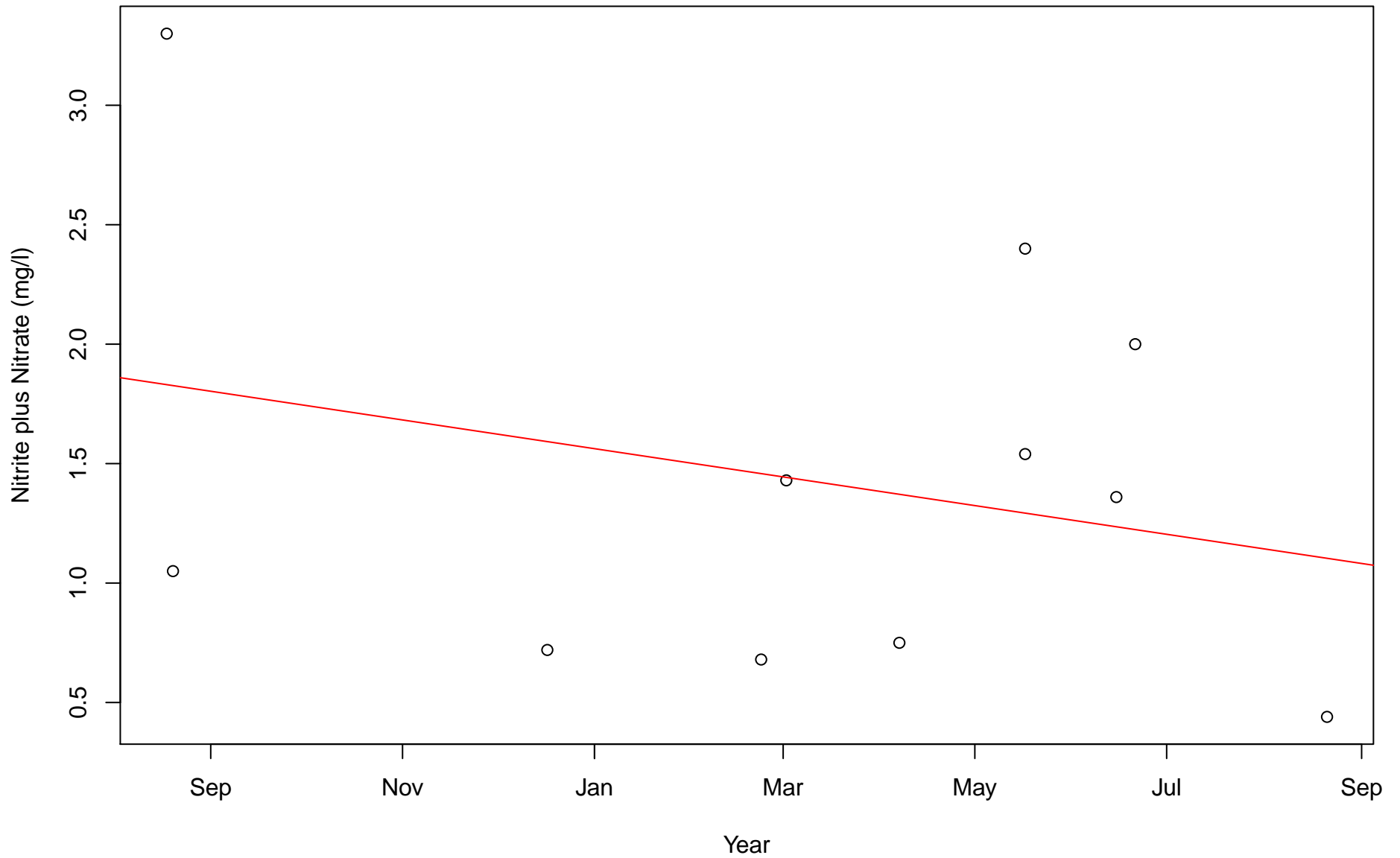
slope = -0.0662636520825278 ; p-value = 0.0540259174282977

HO10MSI000037



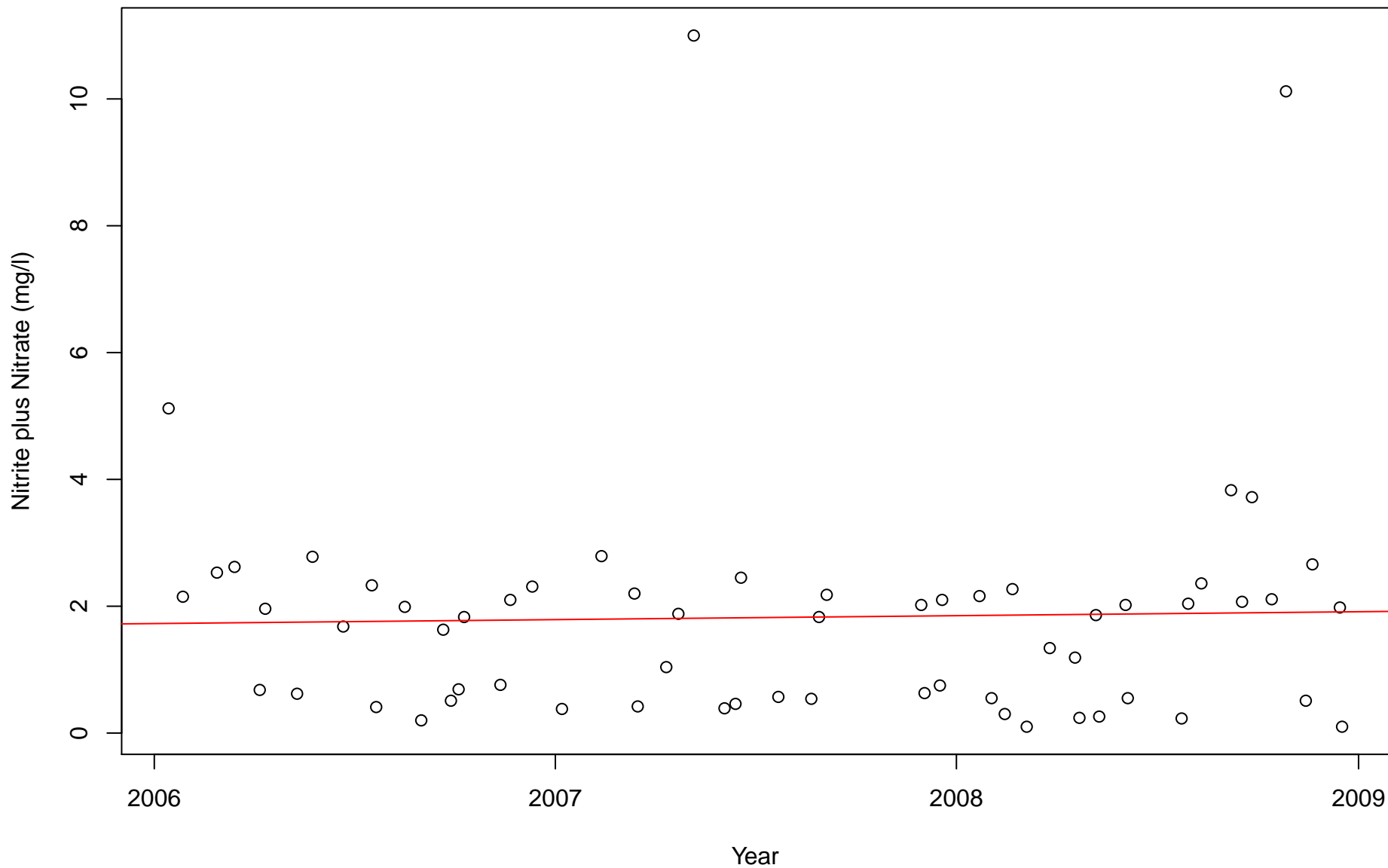
slope = -0.465815230994702 ; p-value = 0.654800166341799

HO10MSI000038



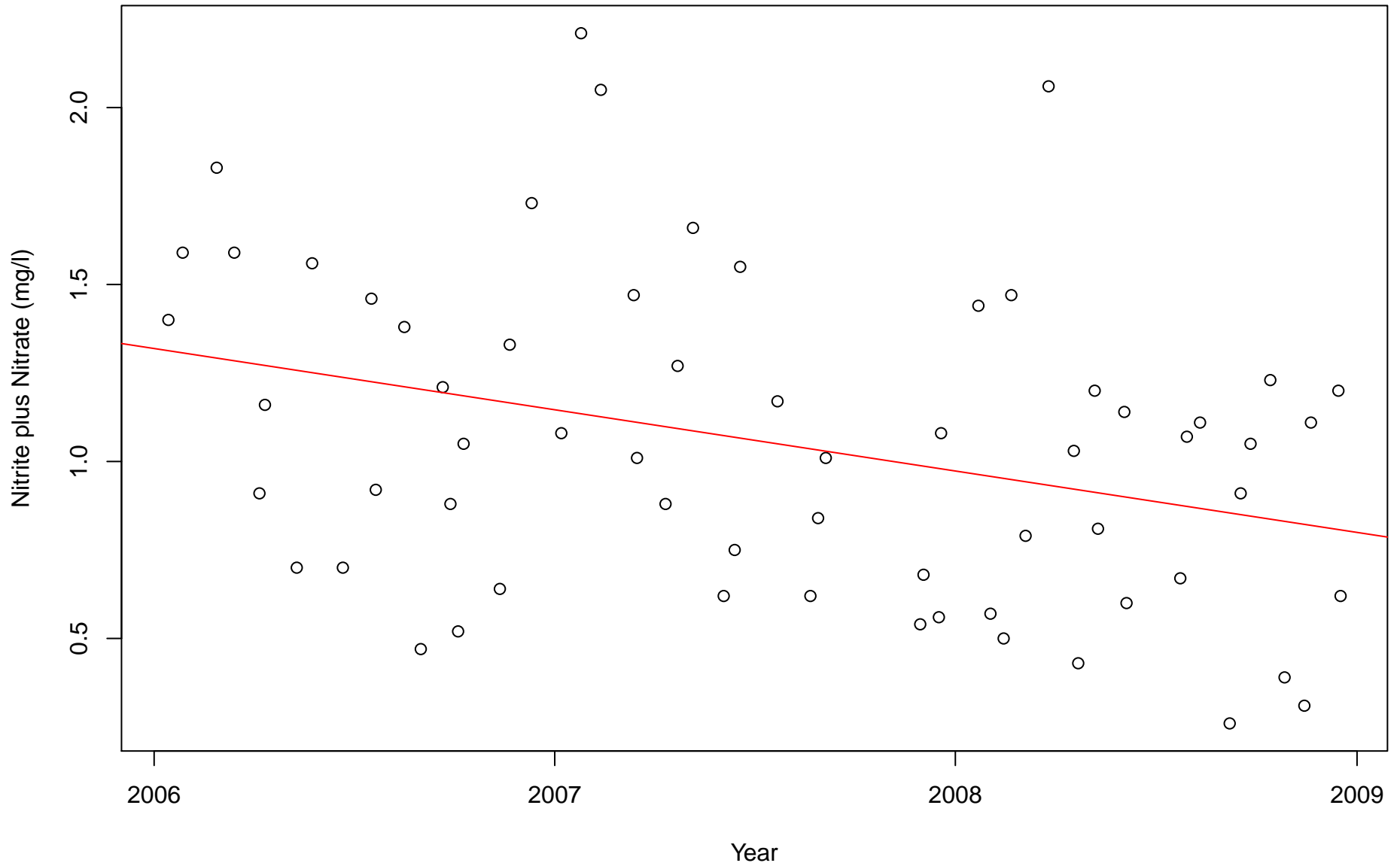
slope = -0.718959515165536 ; p-value = 0.408687407164274

MO02MSI000104



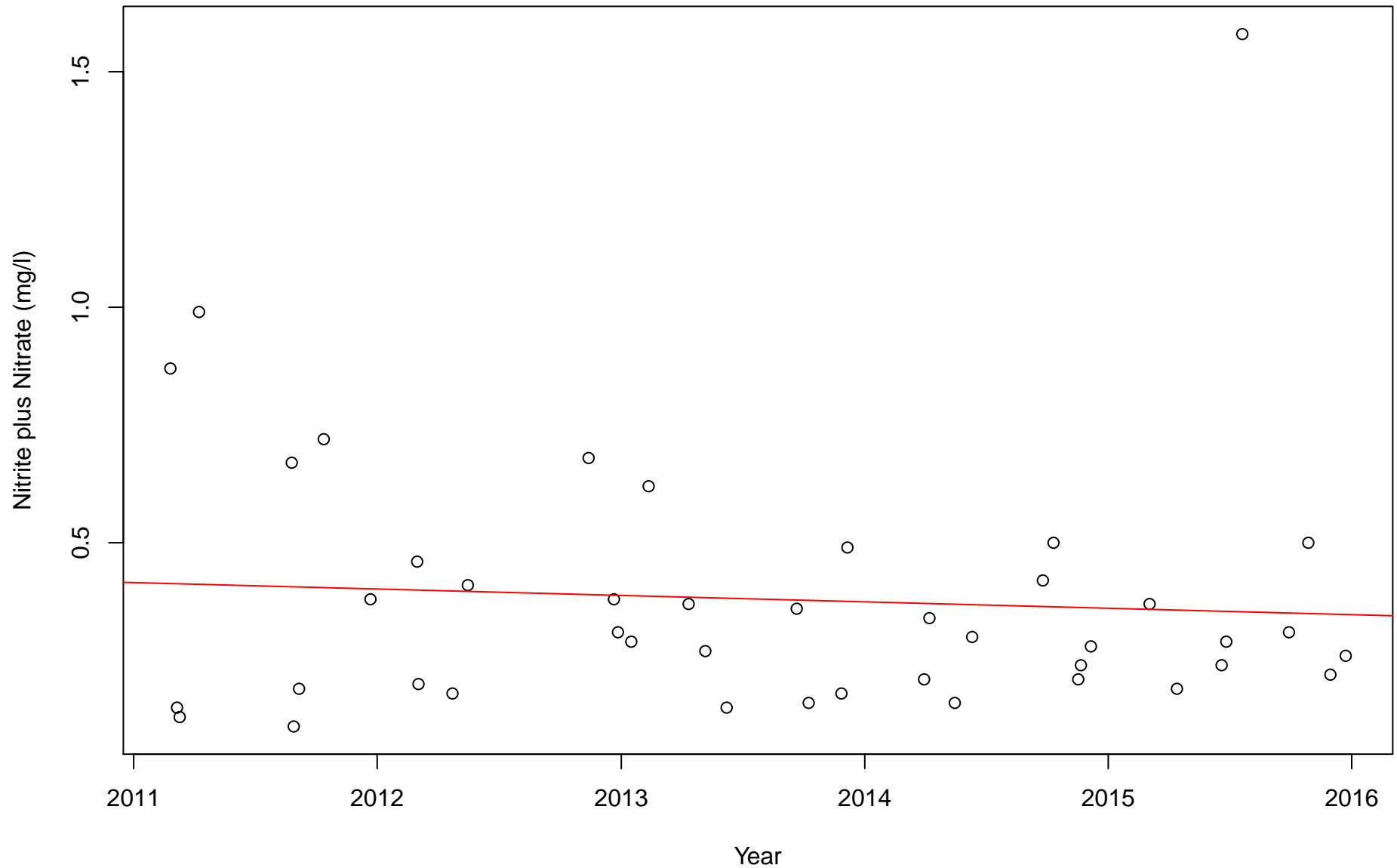
slope = 0.0621550736176262; p-value = 0.82392393180497

MO02MSI000310



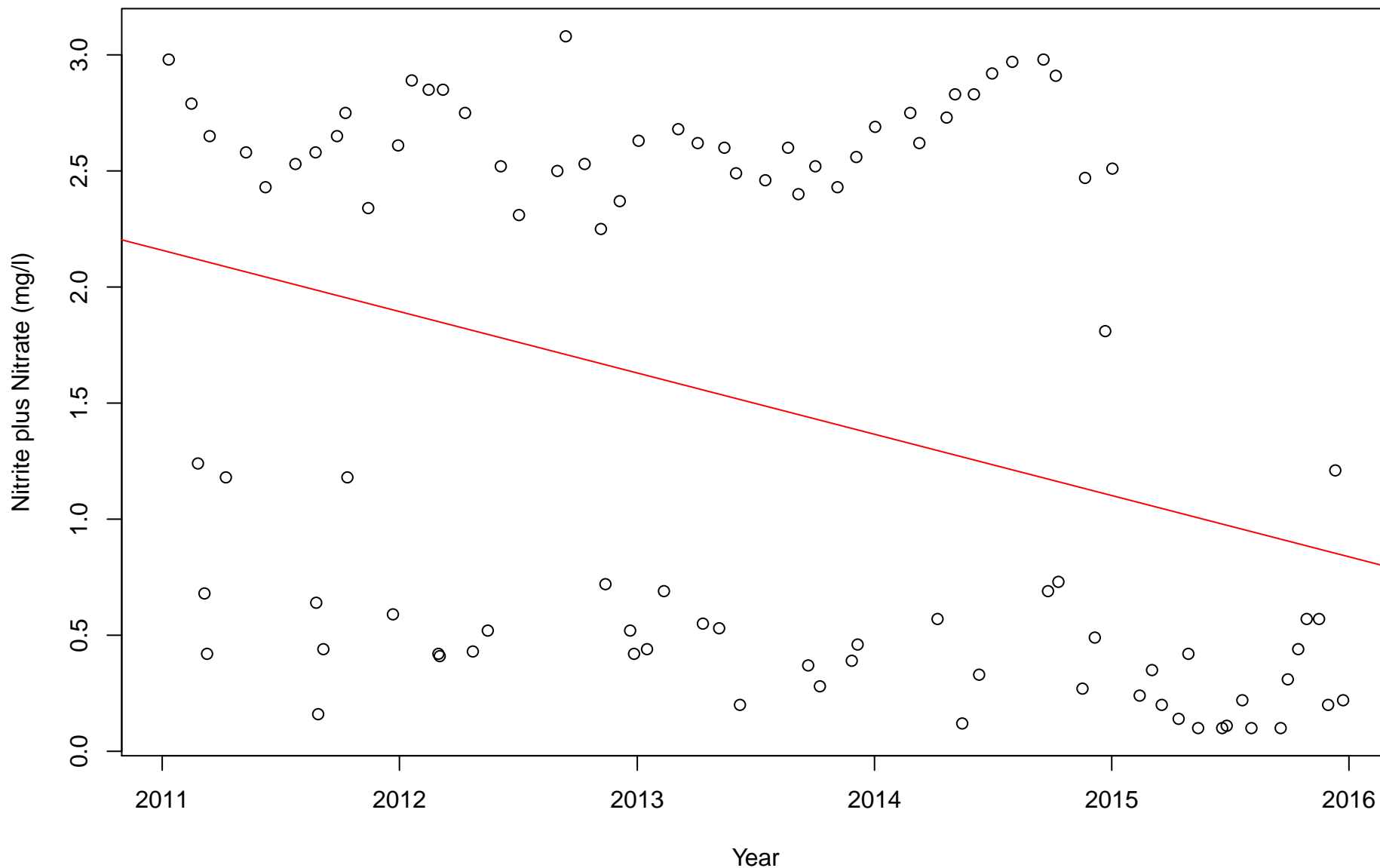
slope = -0.173028834172485 ; p-value = 0.00628429213205137

MO09MSI000001



slope = -0.0136082316011469 ; p-value = 0.631913714355902

MO09MSI000002



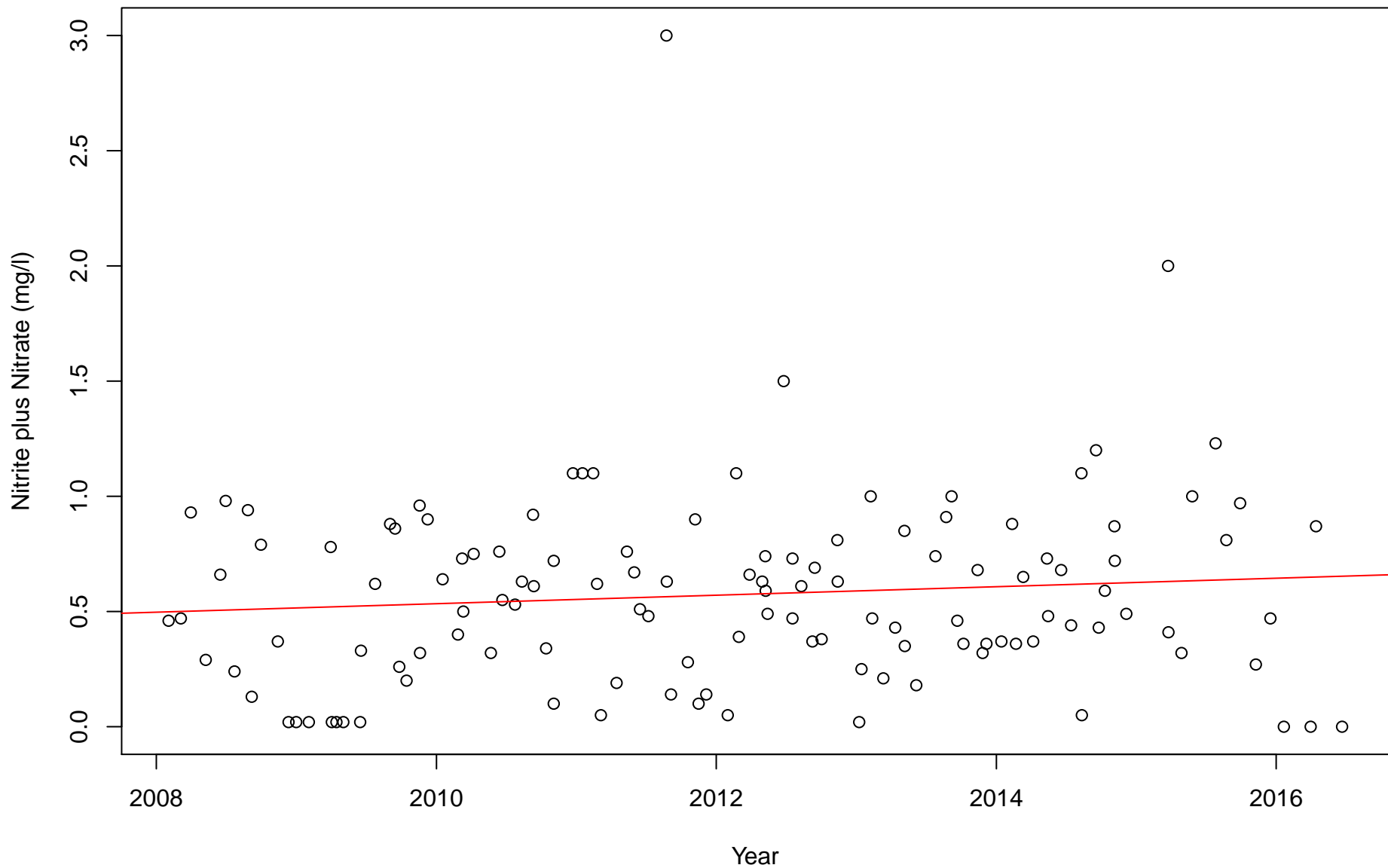
slope = -0.263921563347063 ; p-value = 0.000563636258793333

PG15MSI000012

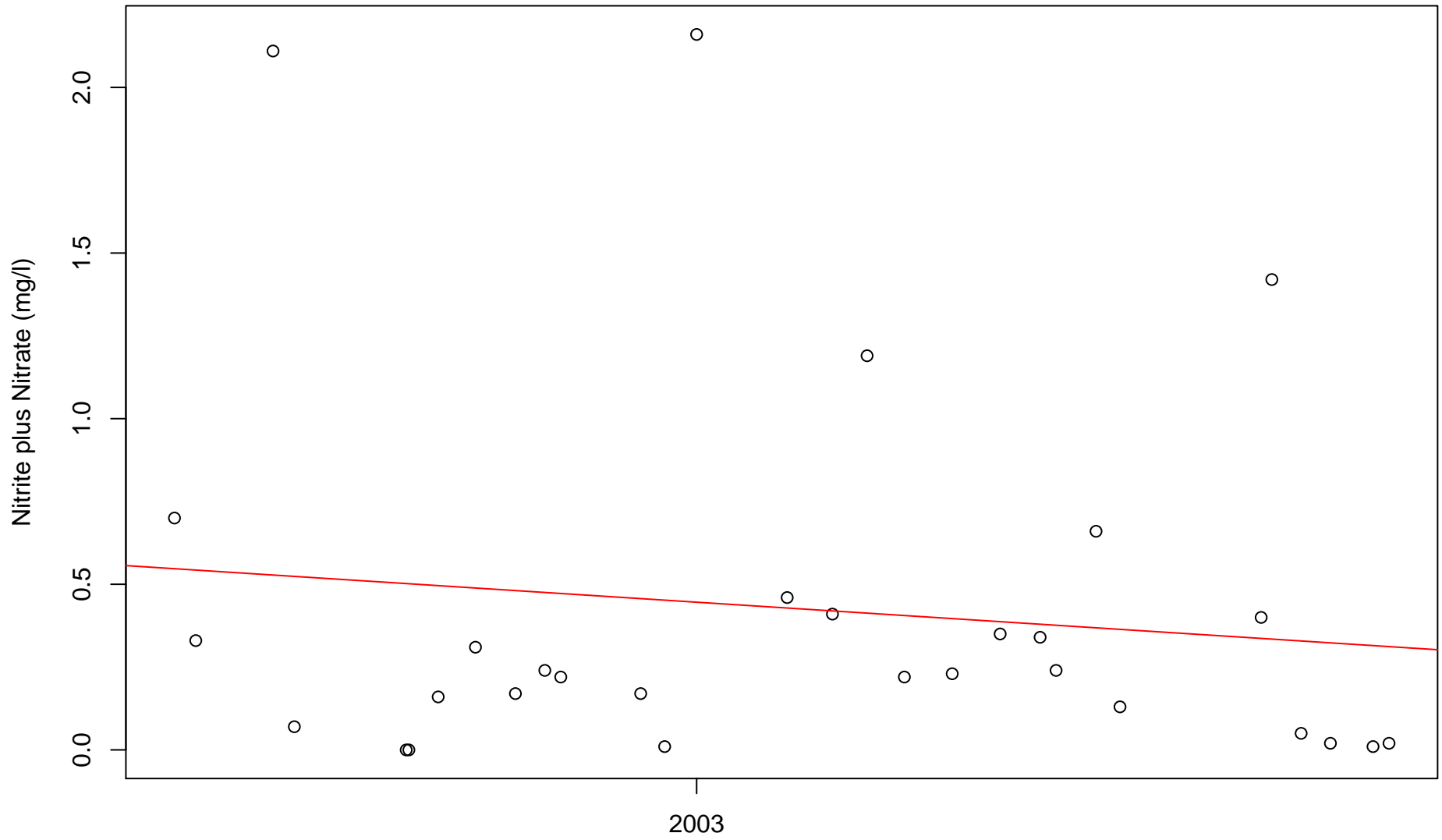


slope = 0.01497084153041; p-value = 0.237211555027398

PG15MSI000013

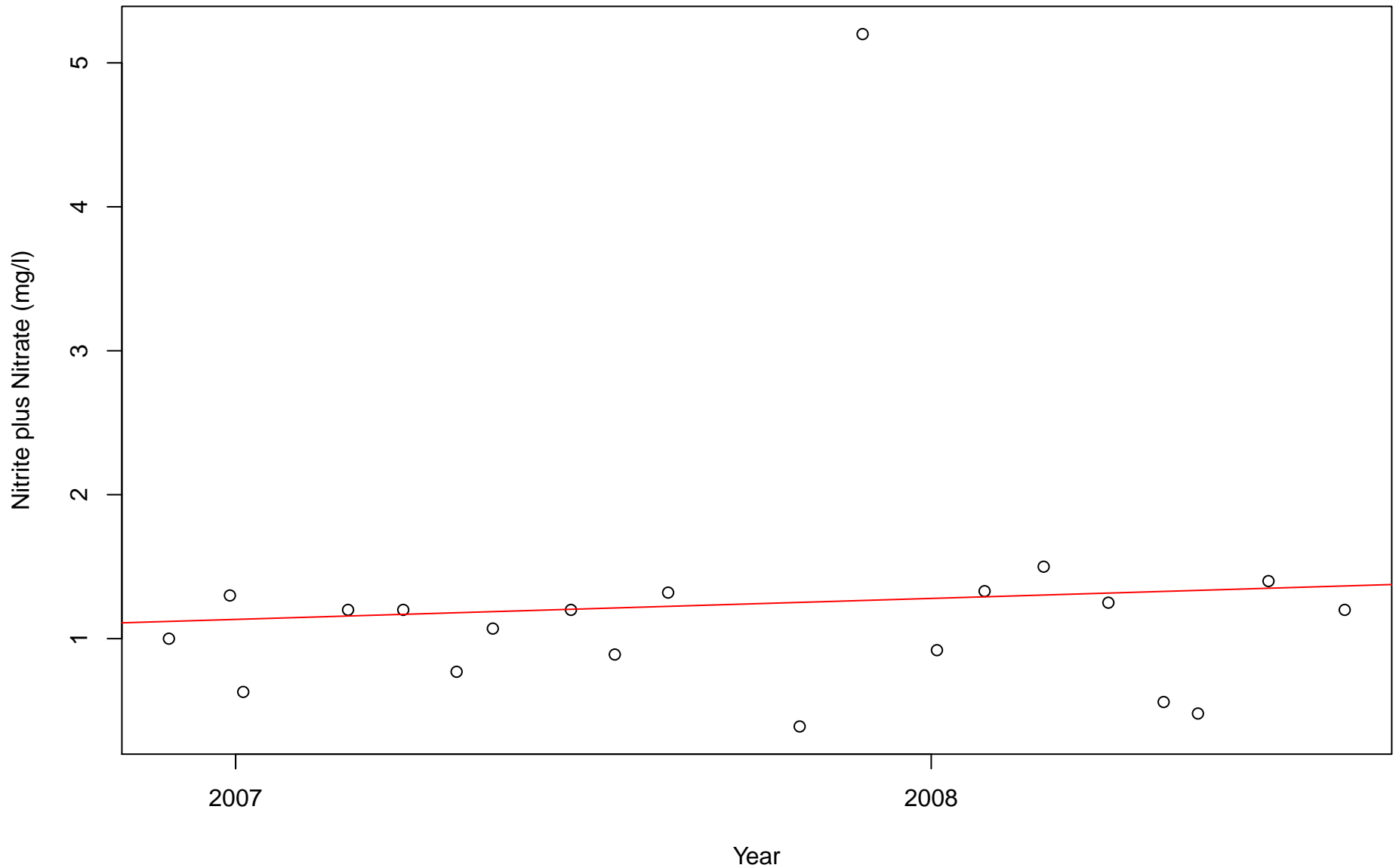


SHA02MSI00MR01



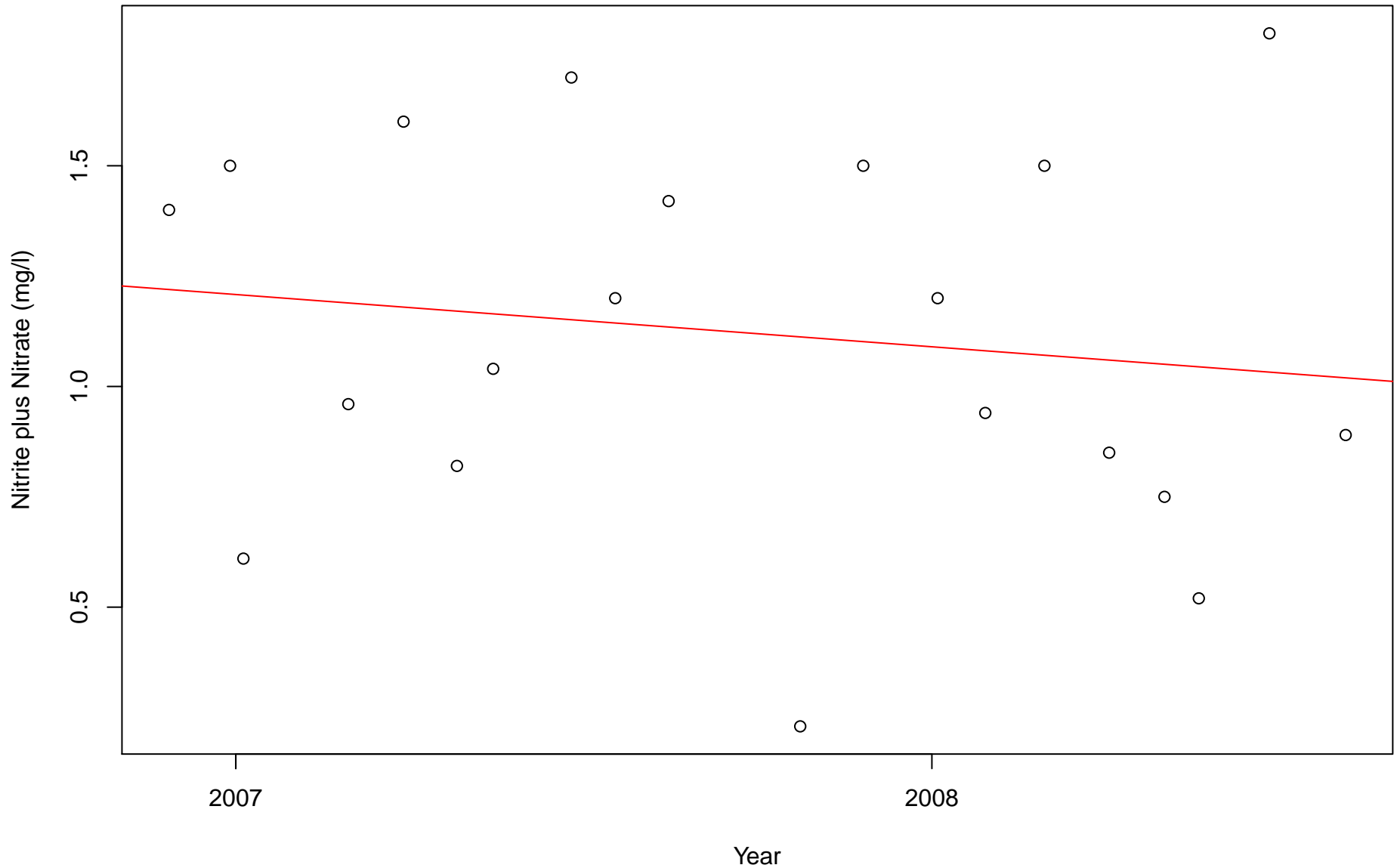
Year
slope = -0.188256307674152 ; p-value = 0.498519340610931

SHA06MSI00LD01



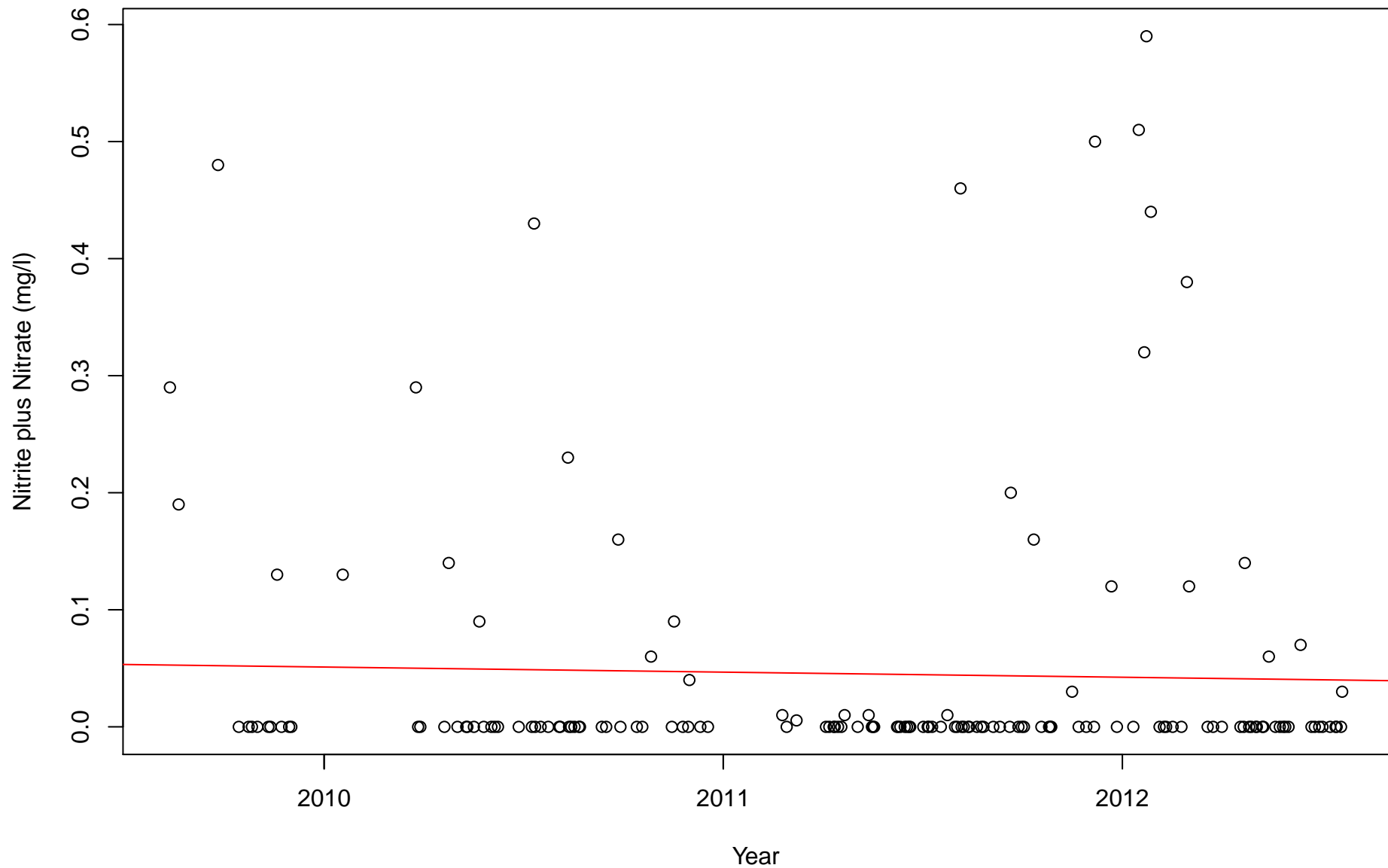
slope = 0.145747209918169; p-value = 0.738479431620613

SHA06MSI00LD02

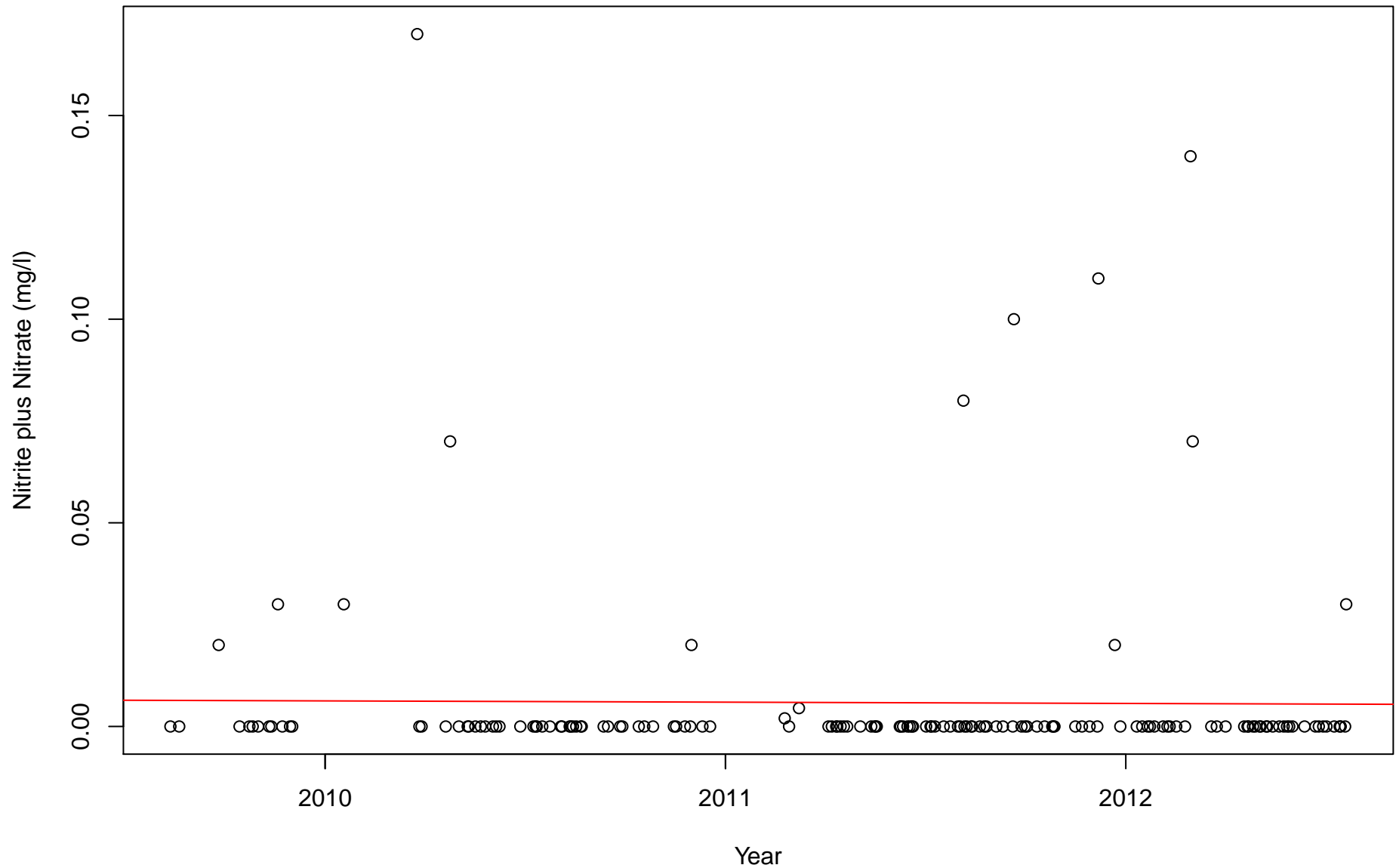


slope = -0.118396957118065 ; p-value = 0.530042168064362

SHA08MSI00WI02

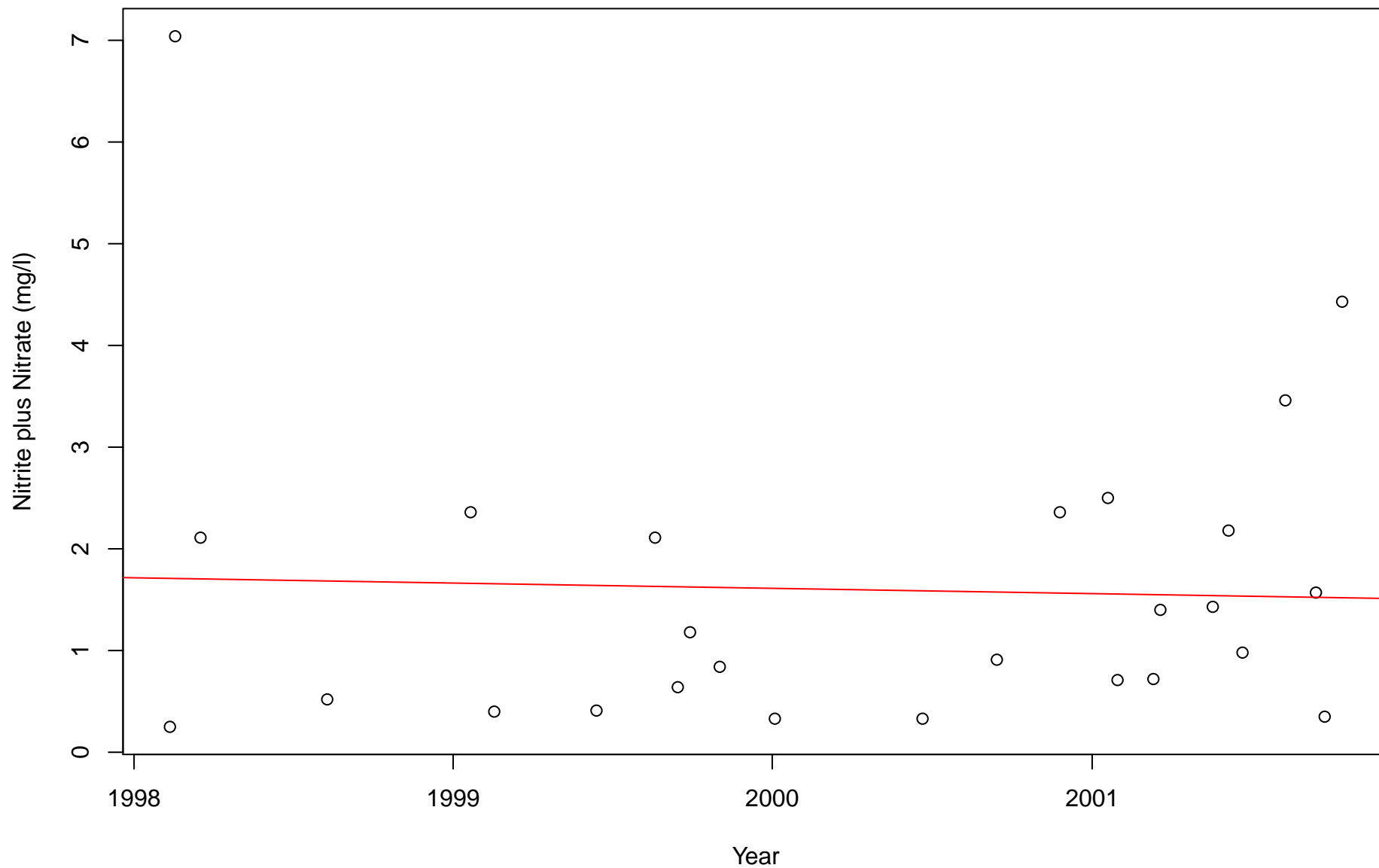


slope = -0.00435806164183985; p-value = 0.709006913843124

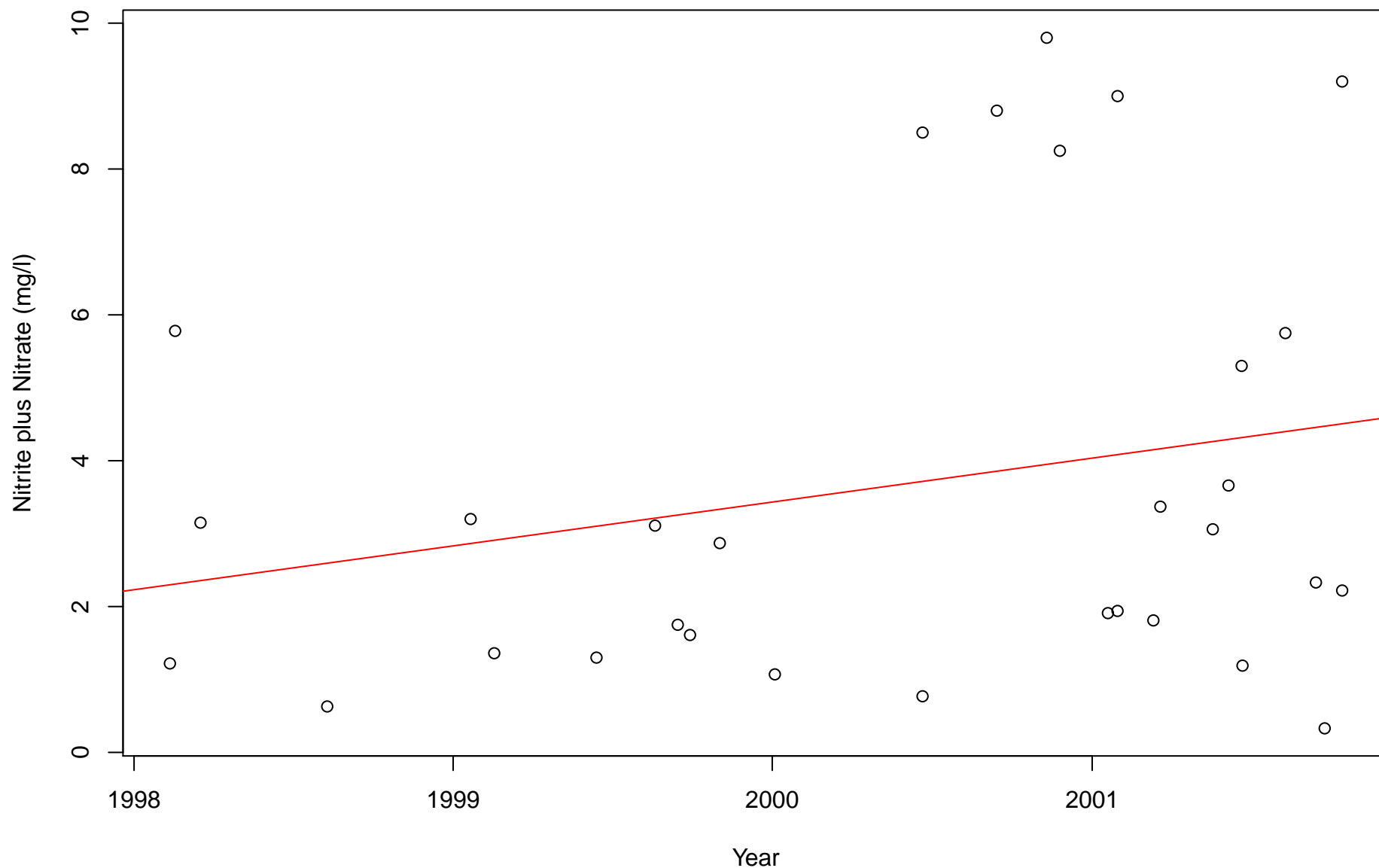
SHA08MSI00WI03

slope = -0.000313017442578623; p-value = 0.894464172599171

SHA98MSI00PS01

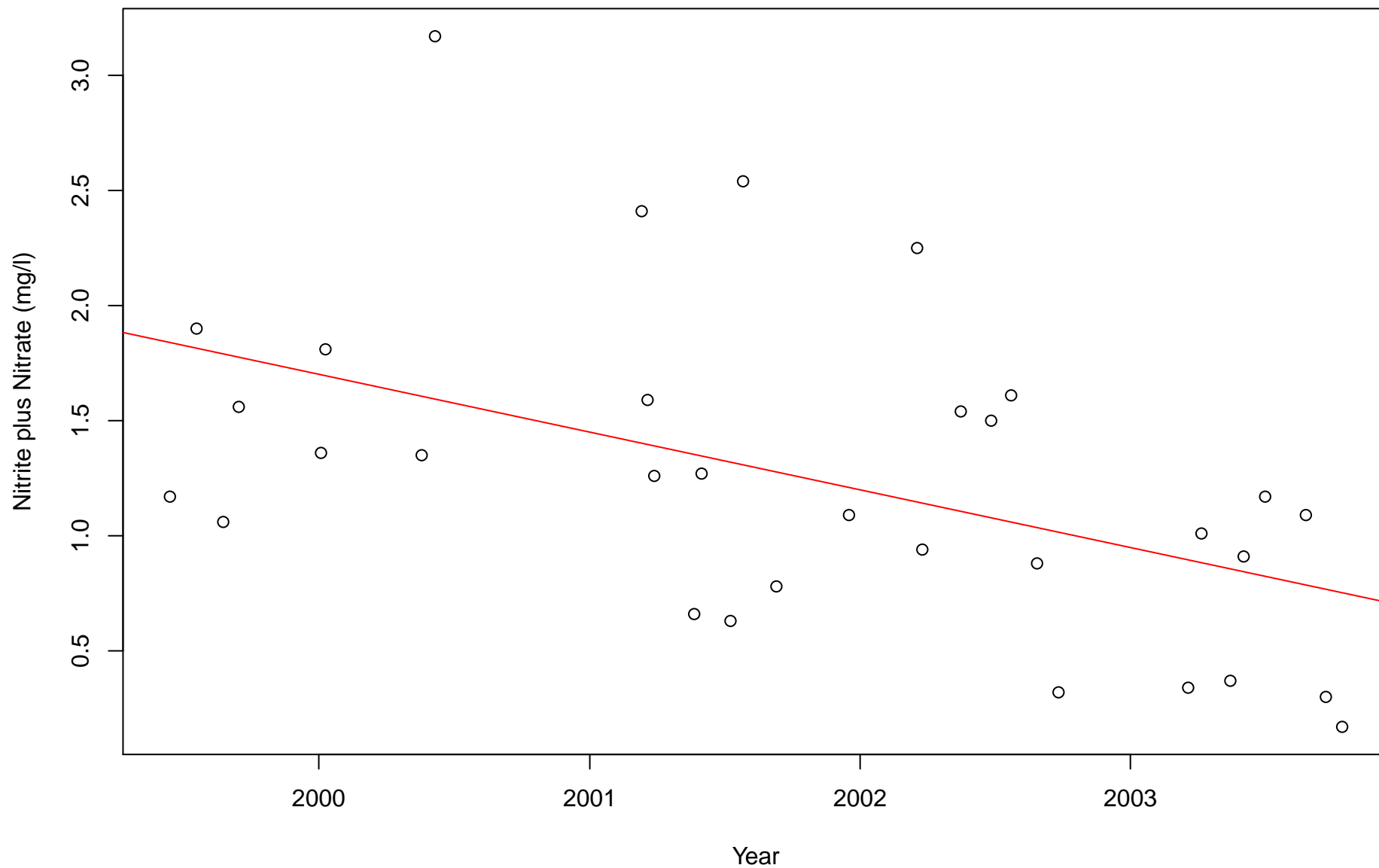


SHA98MSI00PS02



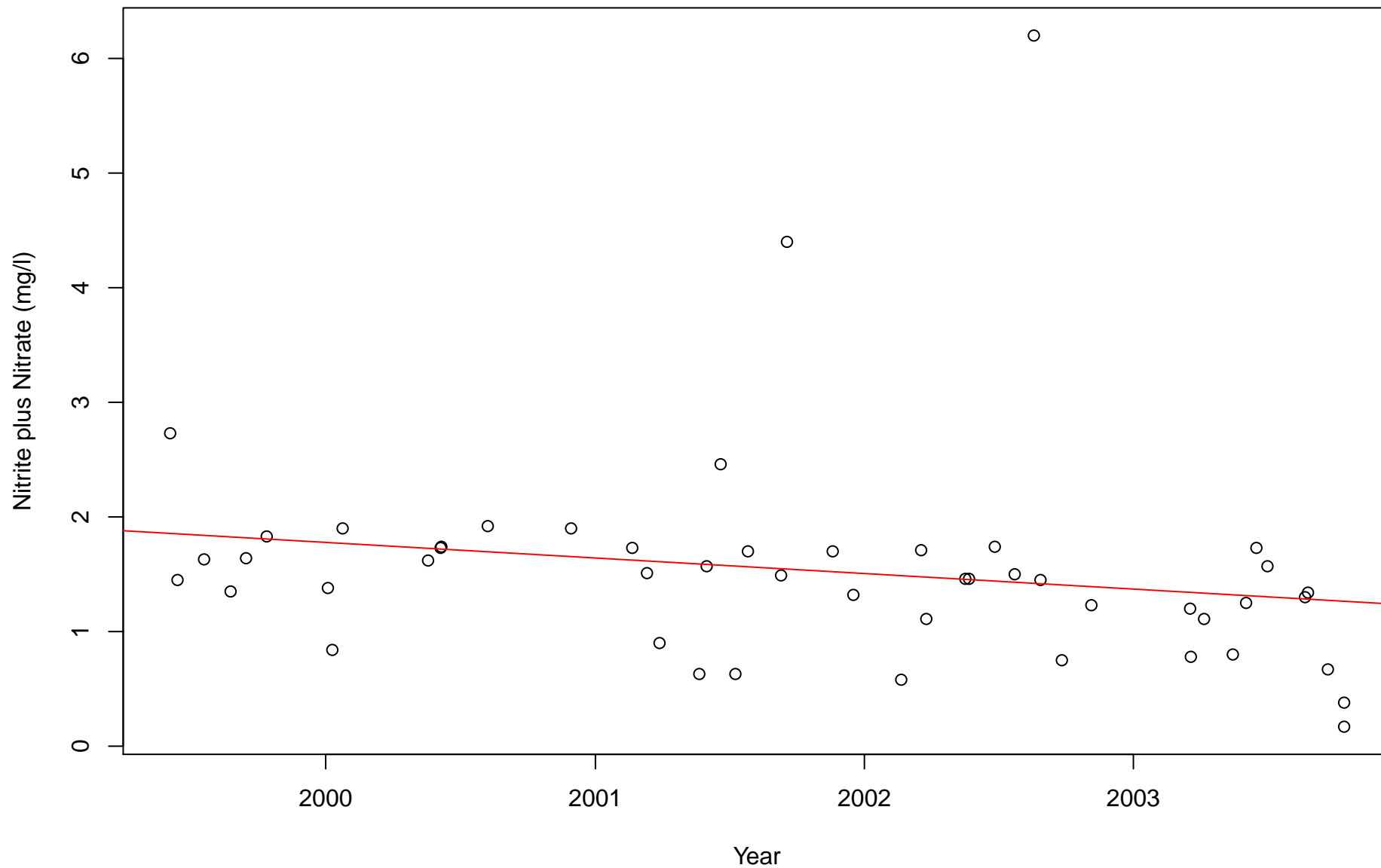
slope = 0.601031042530652; p-value = 0.196337776113913

SHA99MSI00DV01



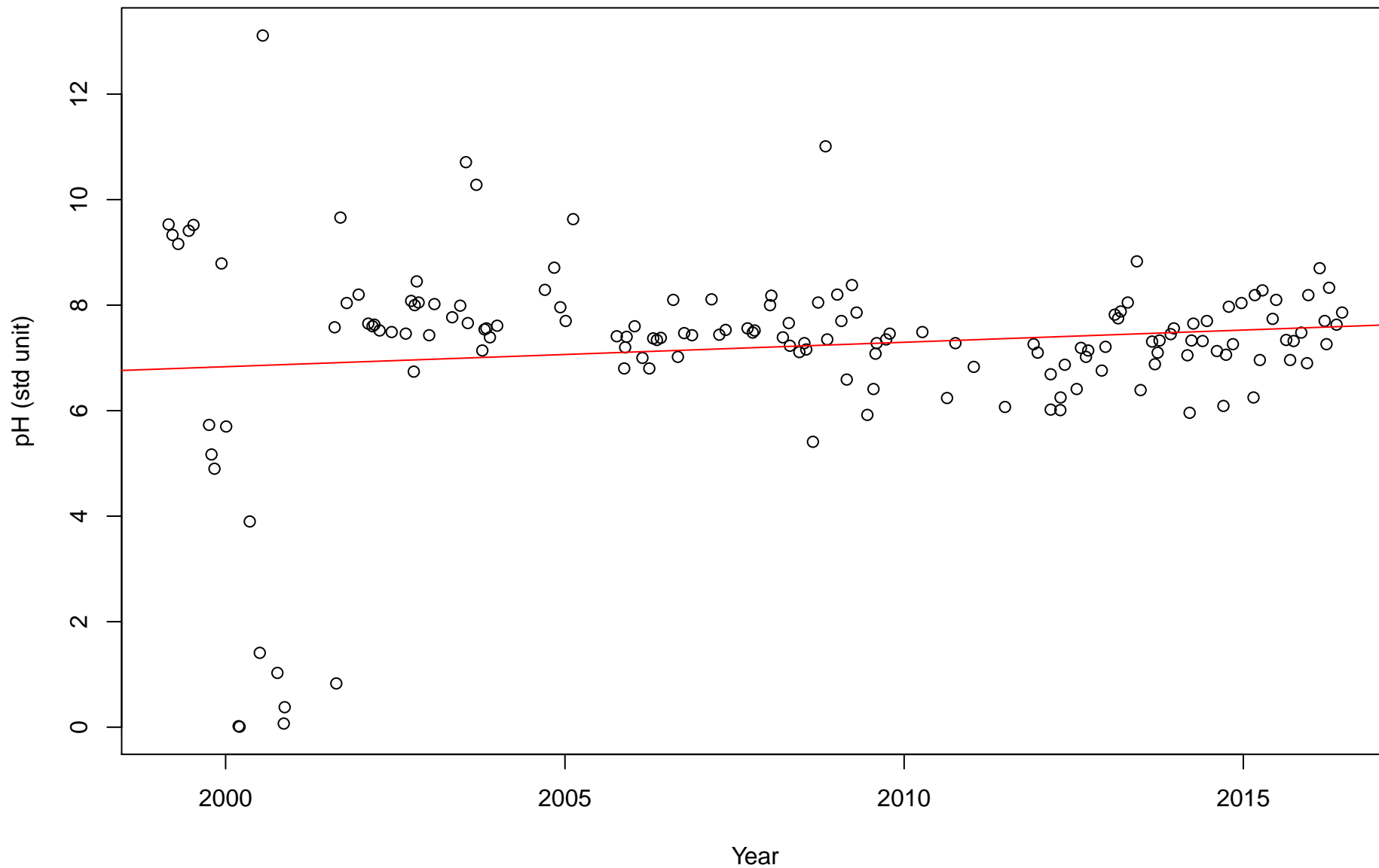
slope = -0.250648573463343 ; p-value = 0.00407755212752667

SHA99MSI00DV02



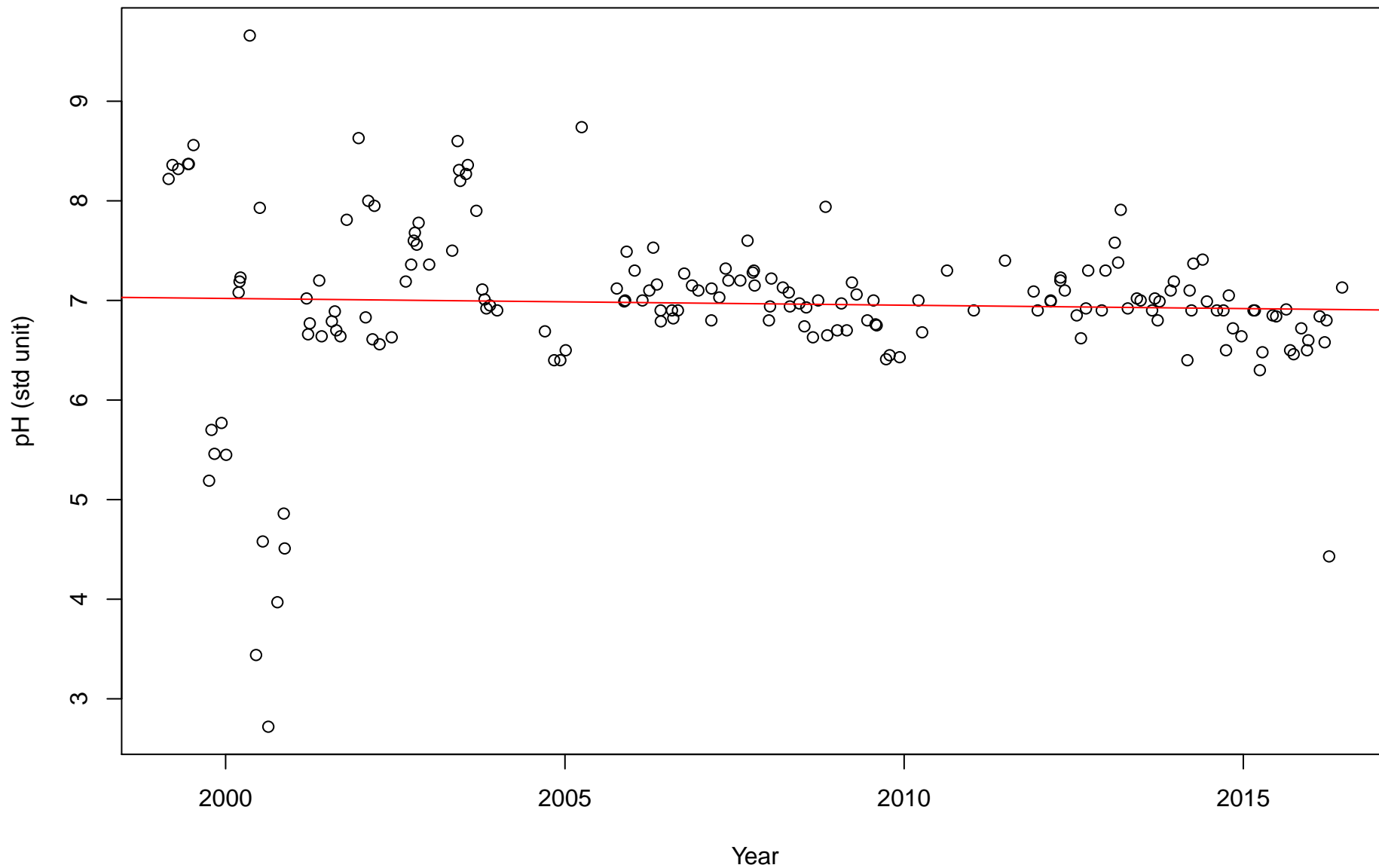
slope = -0.135593428025211 ; p-value = 0.178484193536584

AA94MSI000008



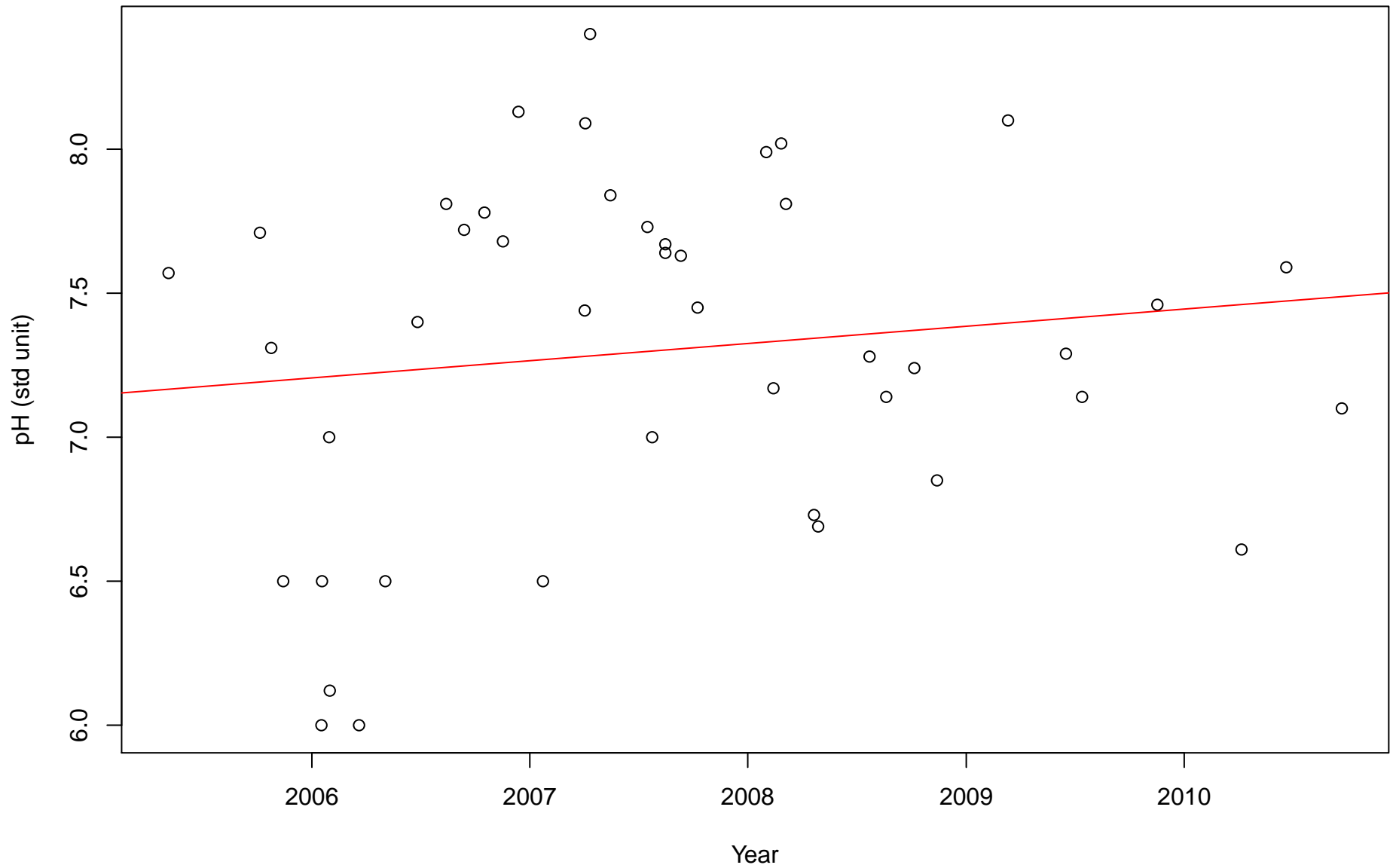
slope = 0.0462764579351435; p-value = 0.0941007535739184

AA94MSI000009



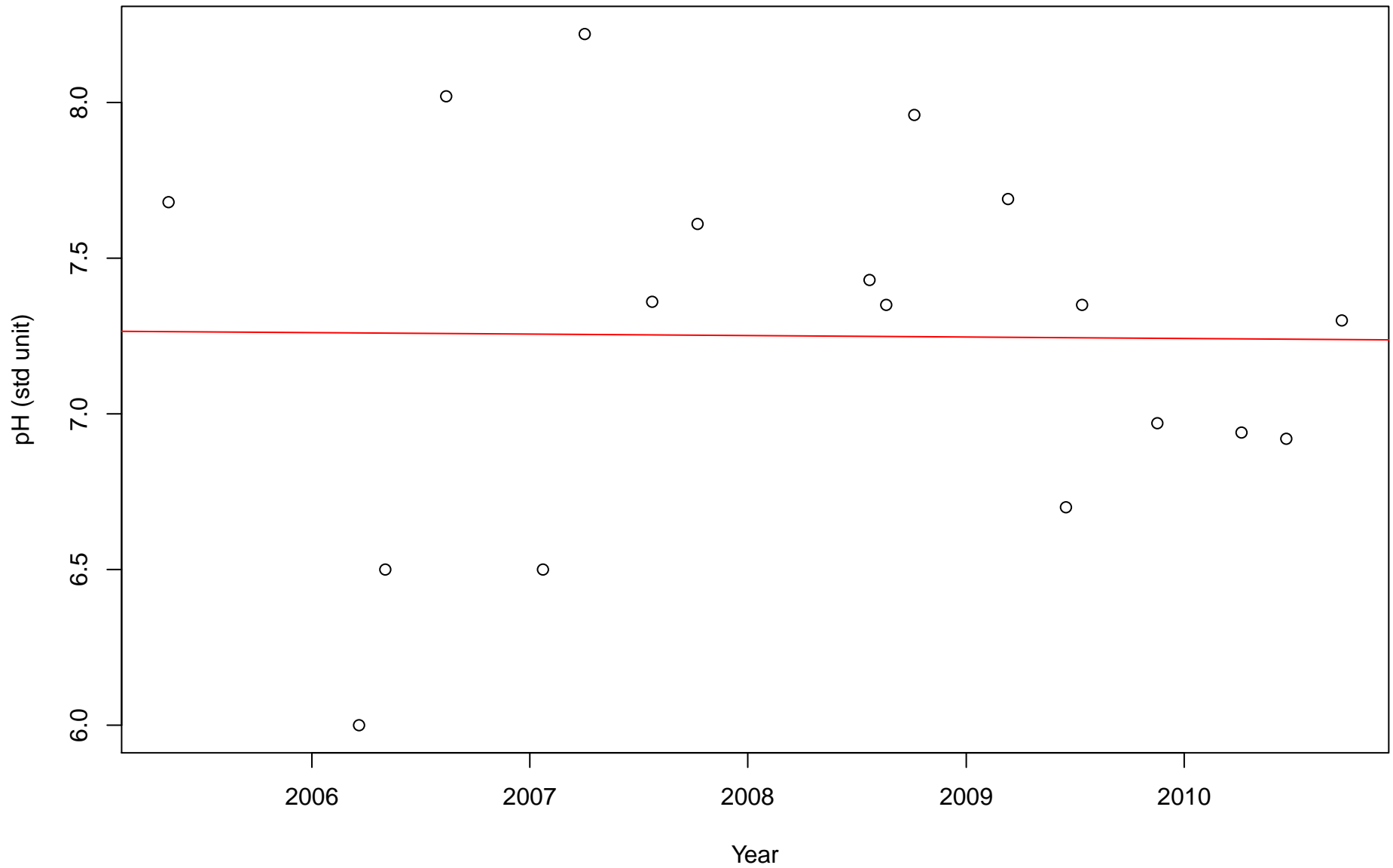
slope = -0.00678751908721761 ; p-value = 0.583587722143245

BA05MSI000SL01



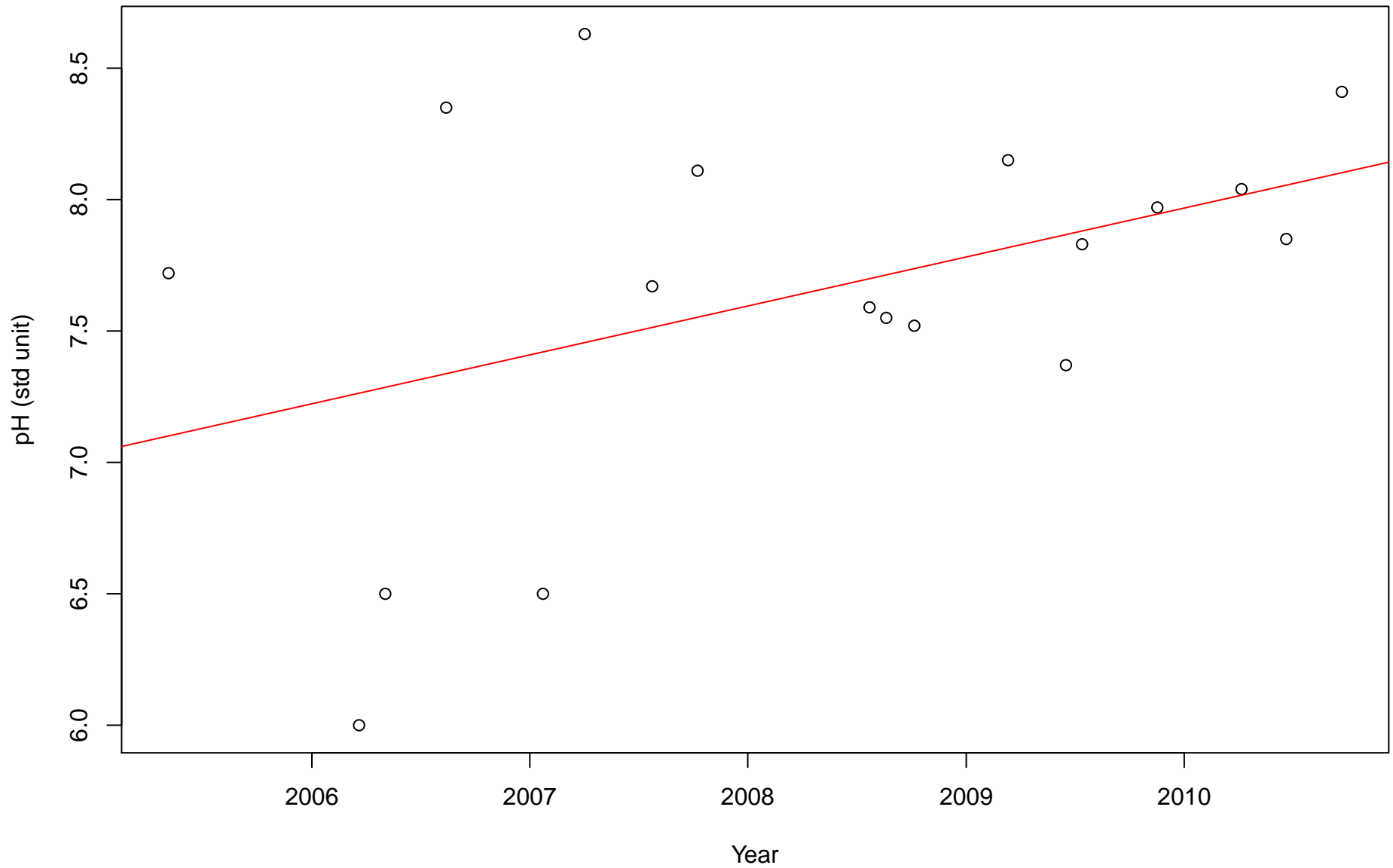
slope = 0.0597249121725677; p-value = 0.378971418270524

BA05MSI000SL02



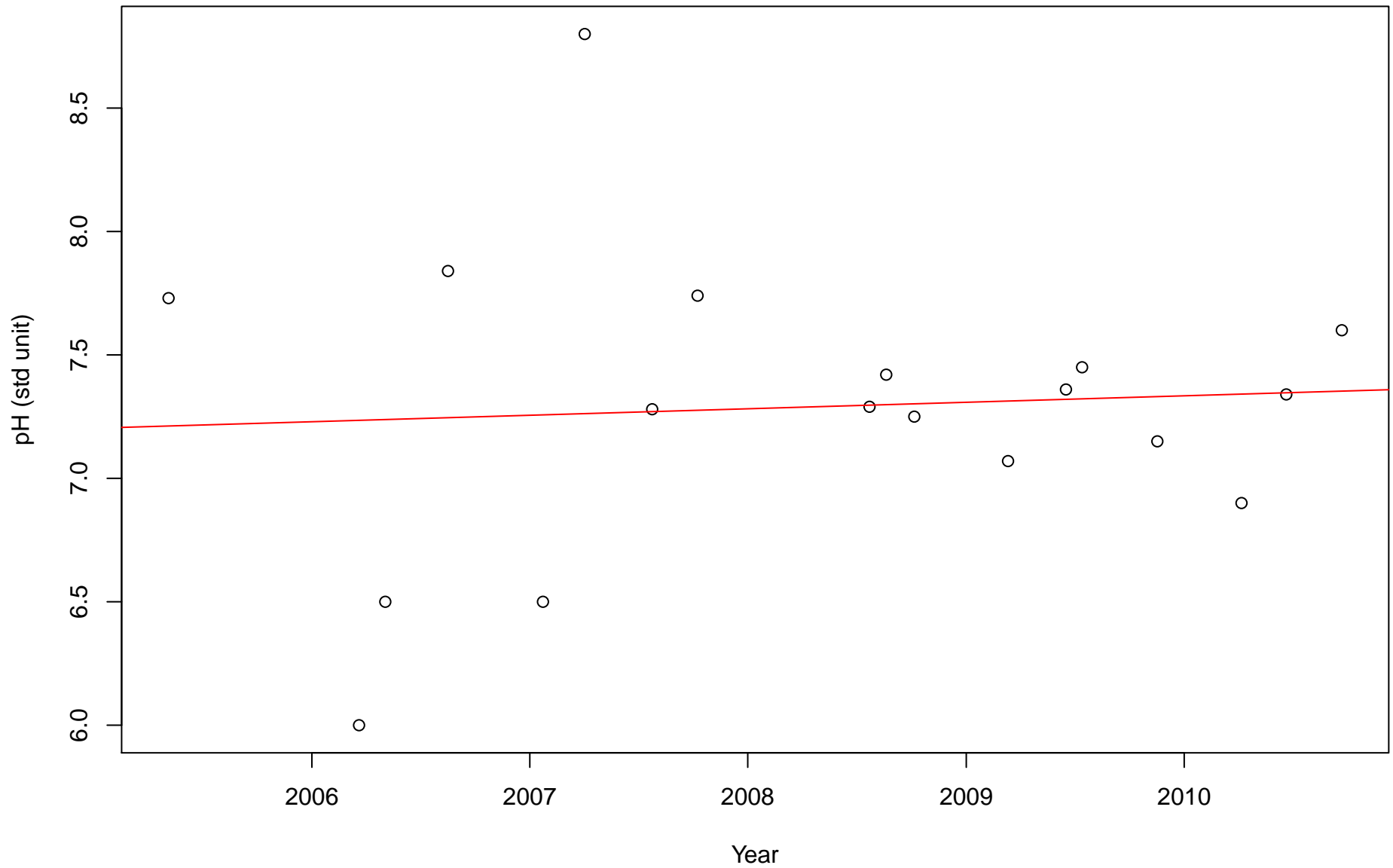
slope = -0.00471123284664299 ; p-value = 0.959425603369151

BA05MSI000SL03



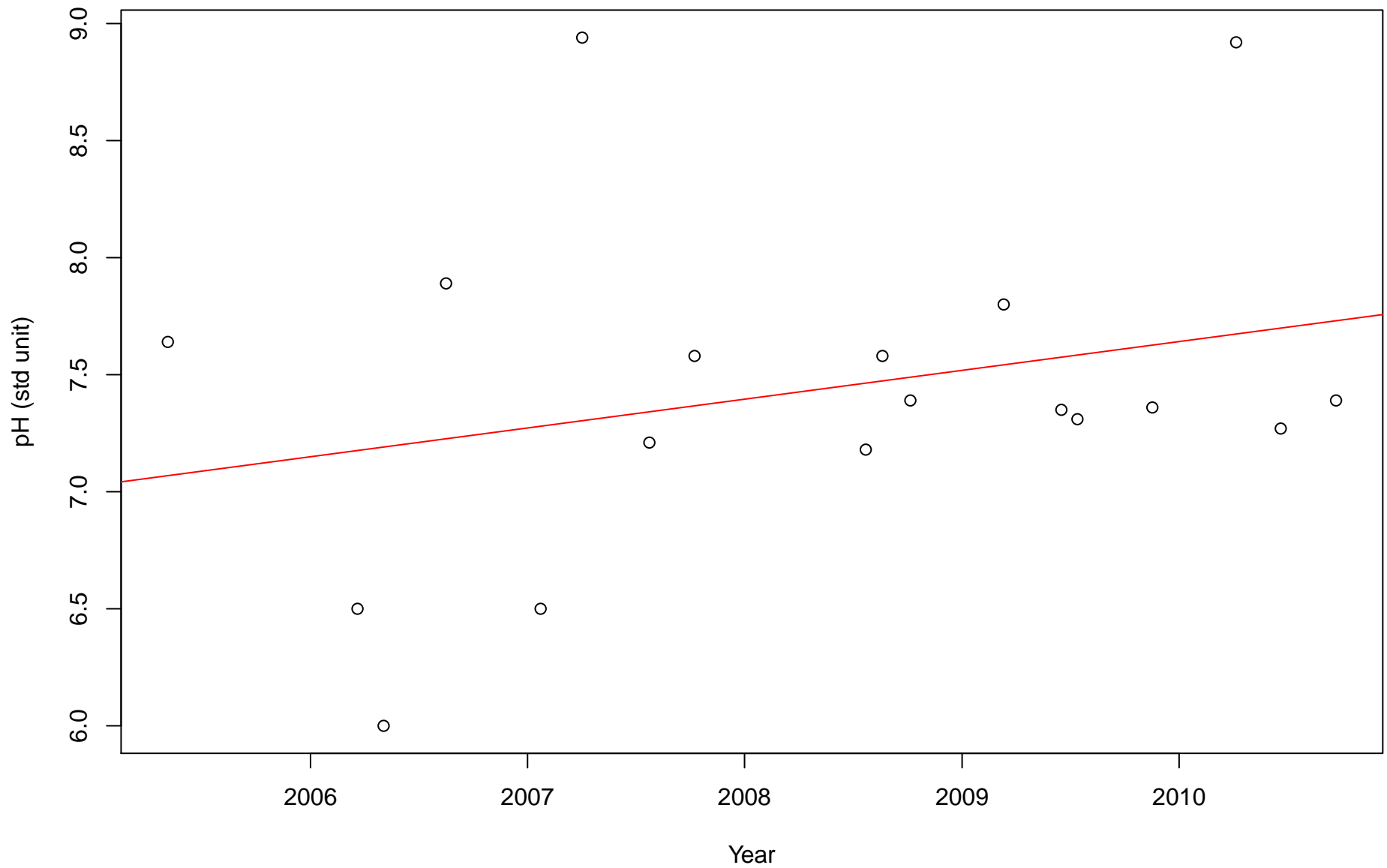
slope = 0.186047191776838; p-value = 0.075150691982864

BA05MSI000SL04



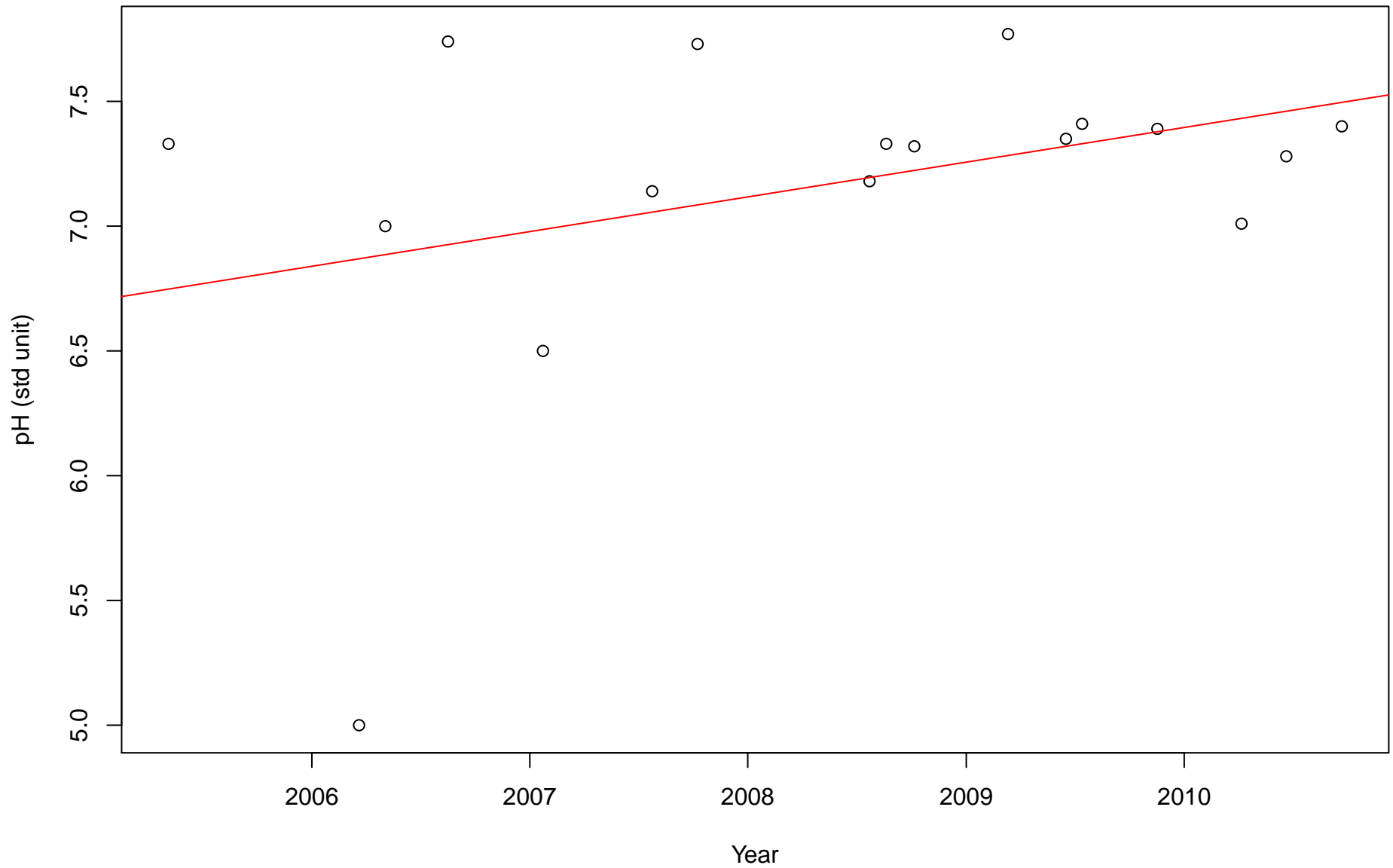
slope = 0.026253910684386; p-value = 0.783178358240235

BA05MSI000SL05



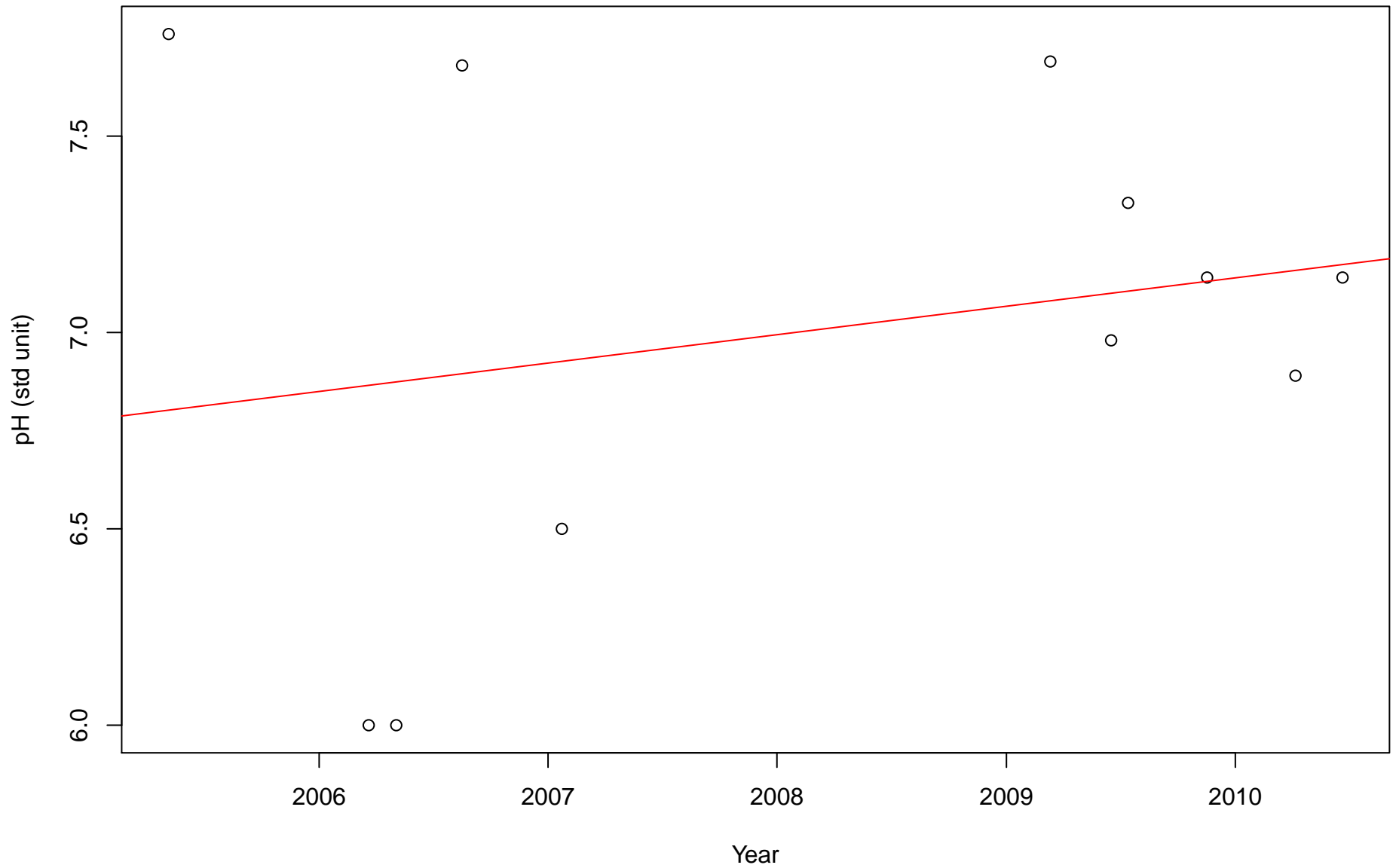
slope = 0.122913082736668; p-value = 0.270584065757152

BA05MSI000SL06



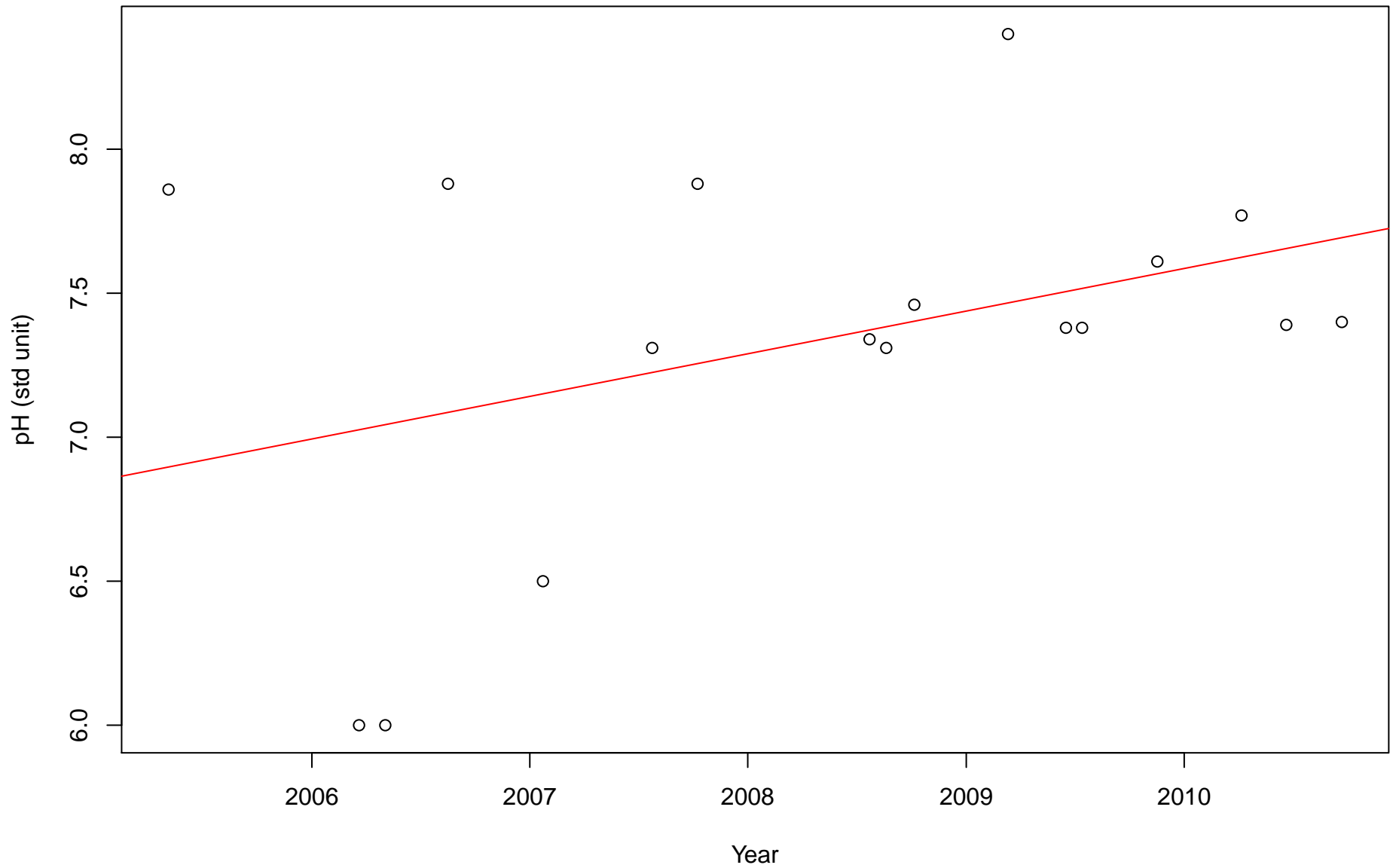
slope = 0.138973910562731; p-value = 0.158395539659661

BA05MSI000SL07



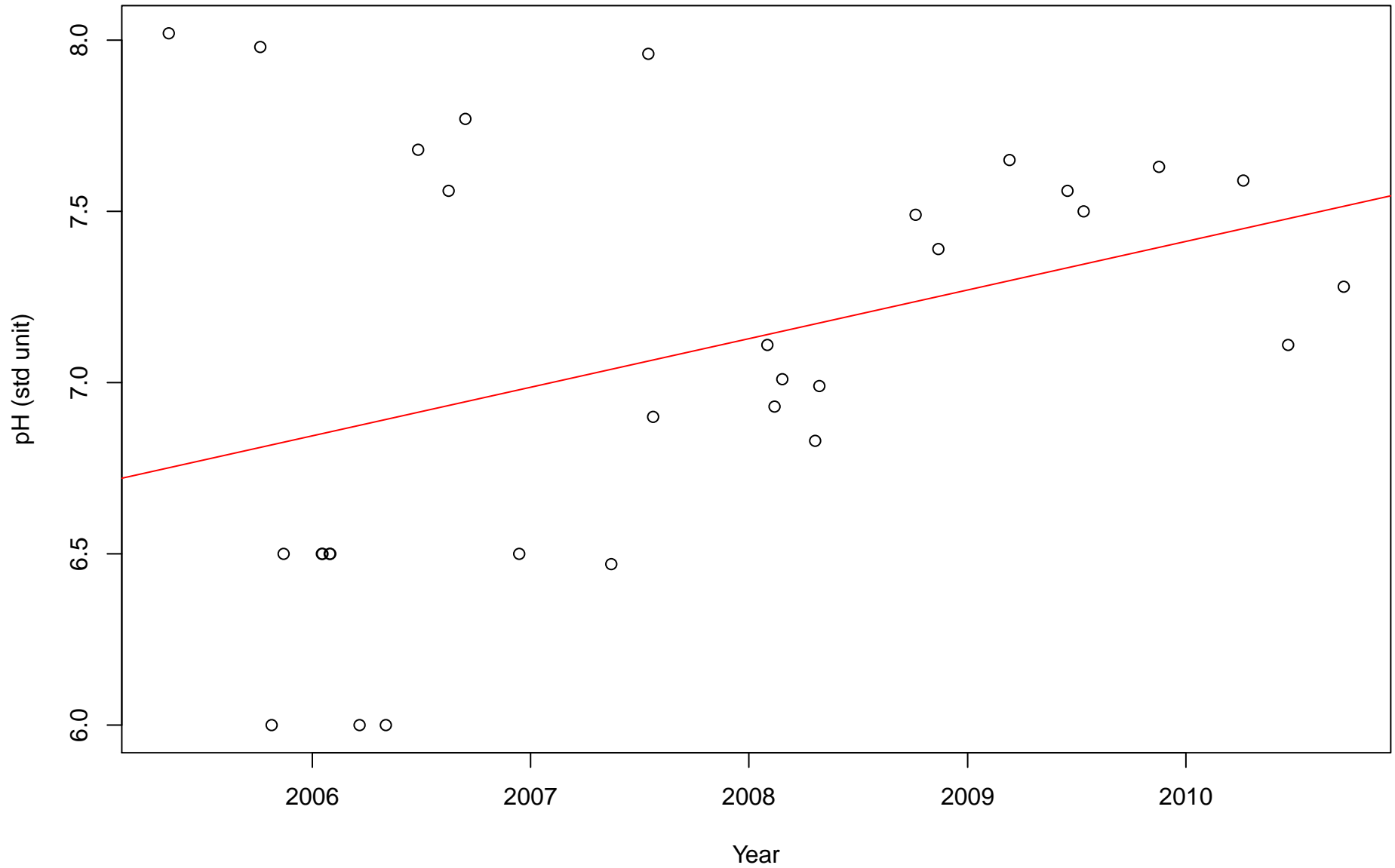
slope = 0.0722807187142473; p-value = 0.518150437384038

BA05MSI000SL08



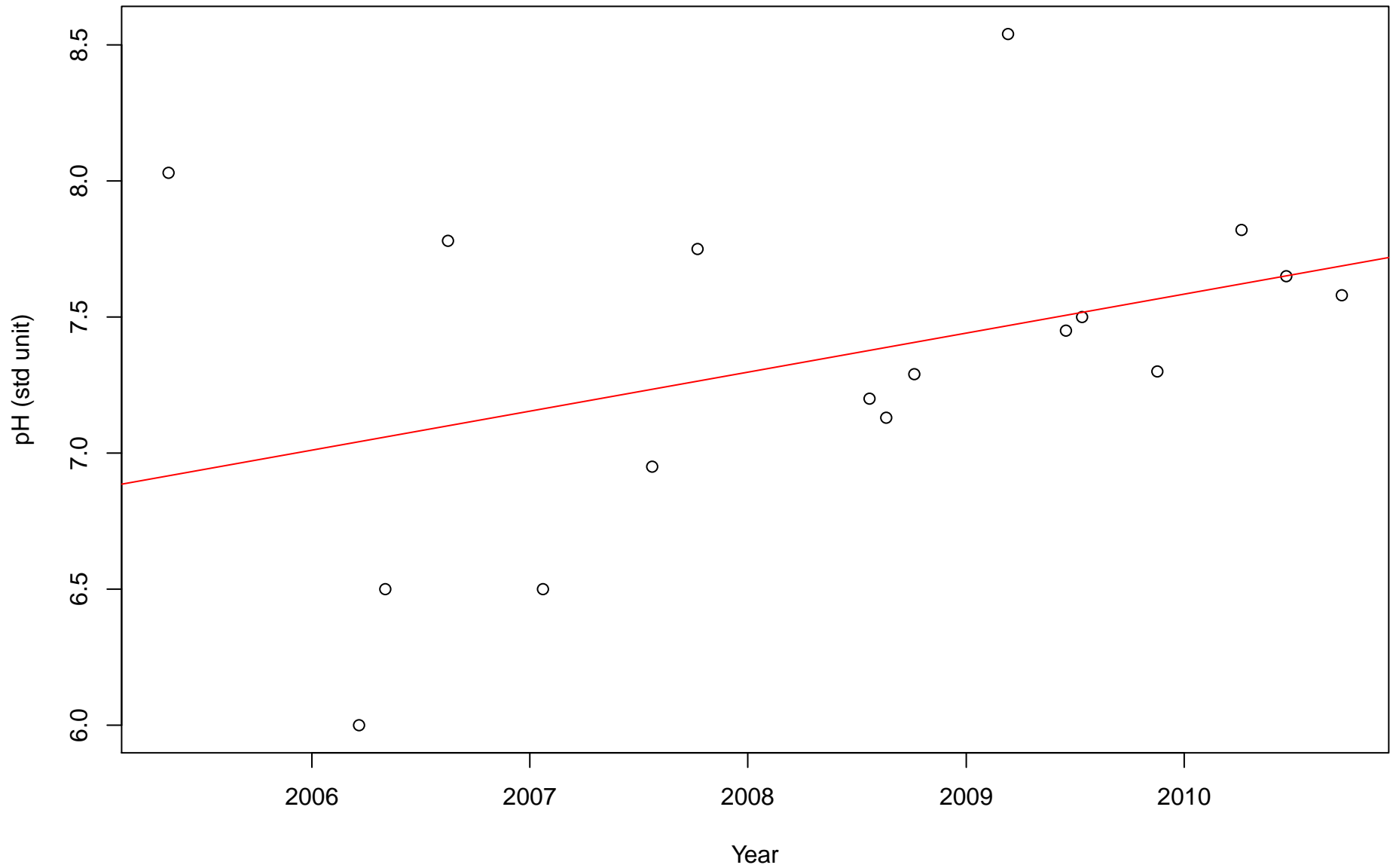
slope = 0.147912253979574; p-value = 0.133614961064274

BA05MSI000SL09

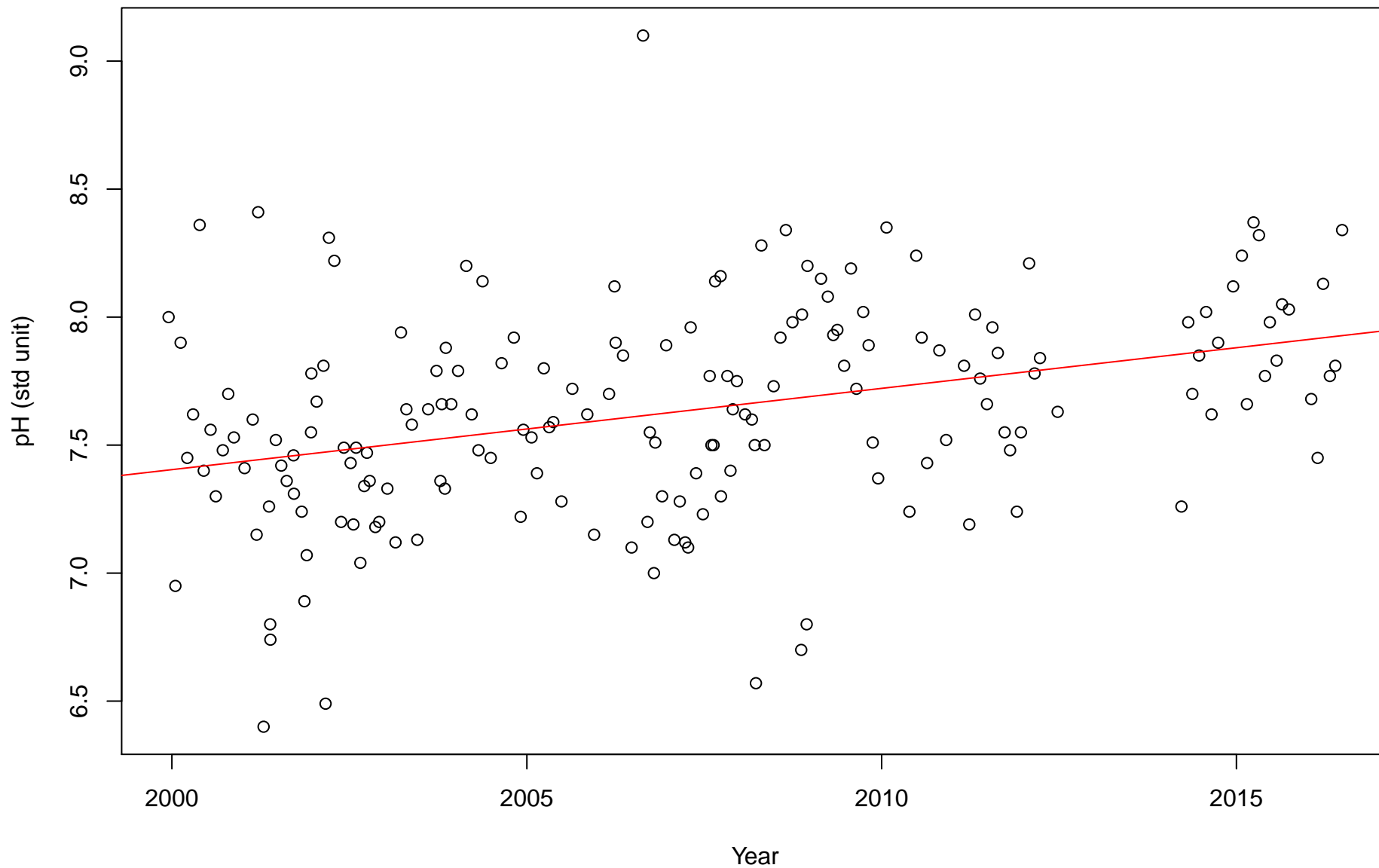


slope = 0.141825638366656; p-value = 0.0405059086401908

BA05MSI000SL10

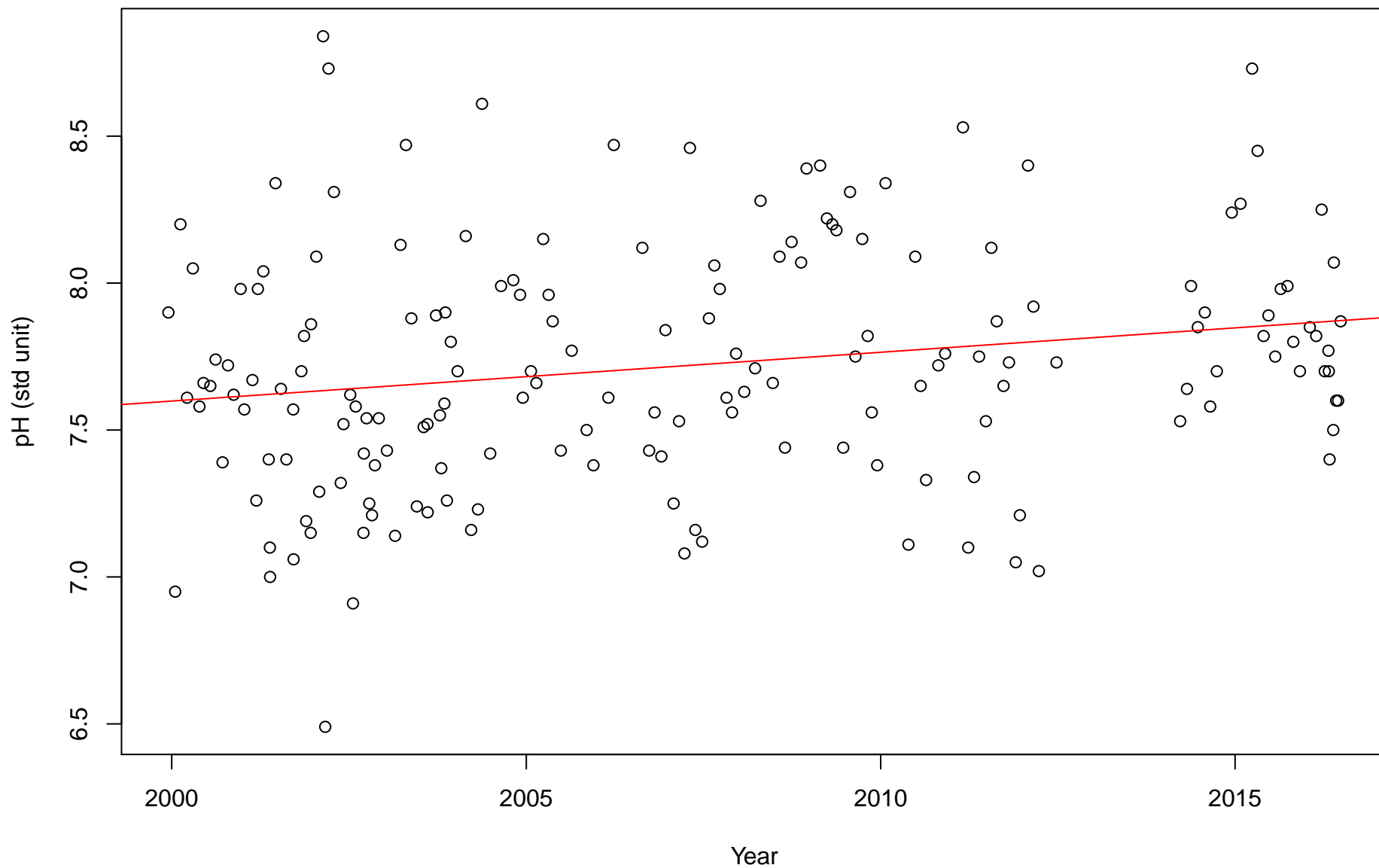


BC16MS000I81



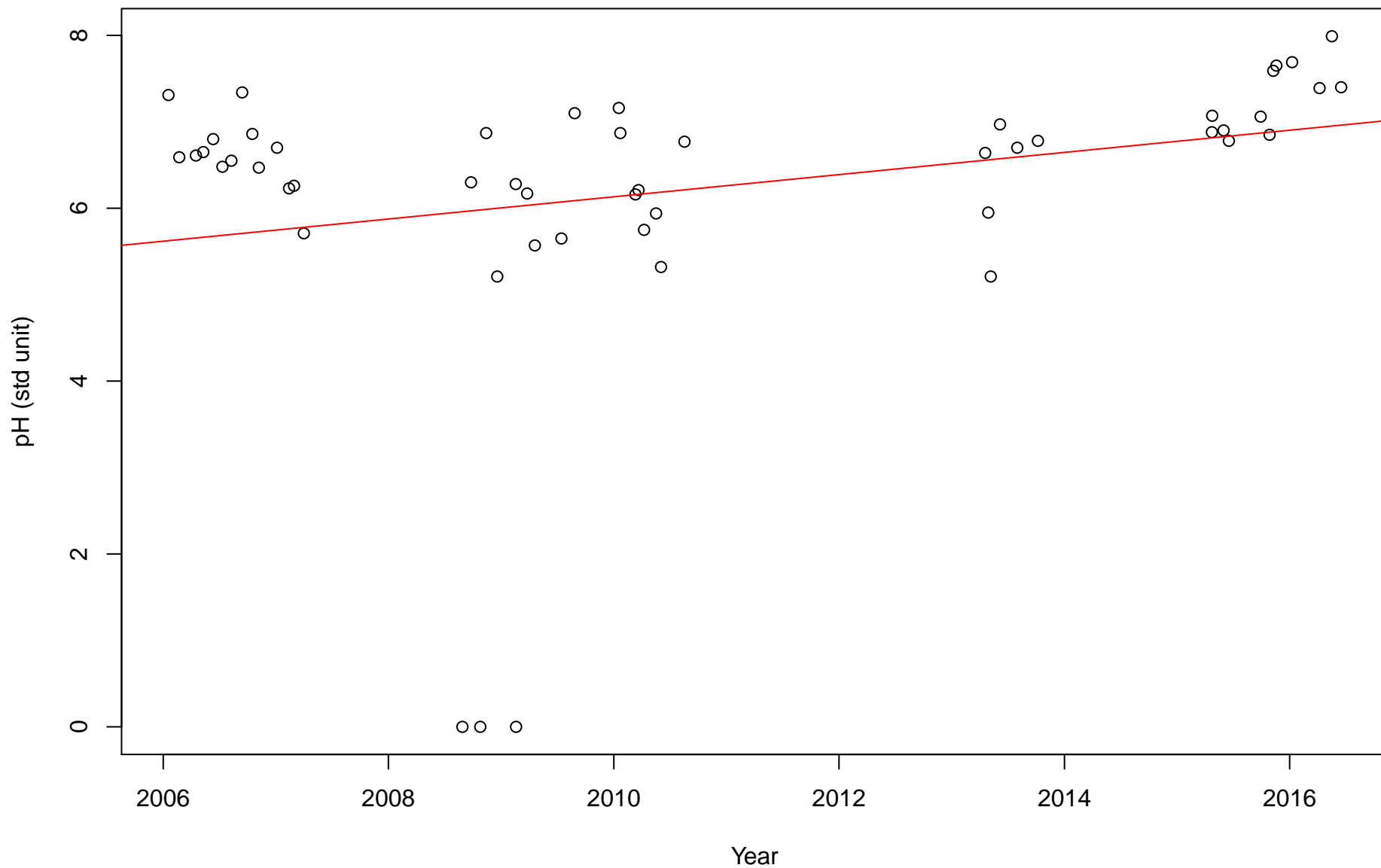
slope = 0.0317263431809802; p-value = 1.0482946555405e-06

BC16MS000I82



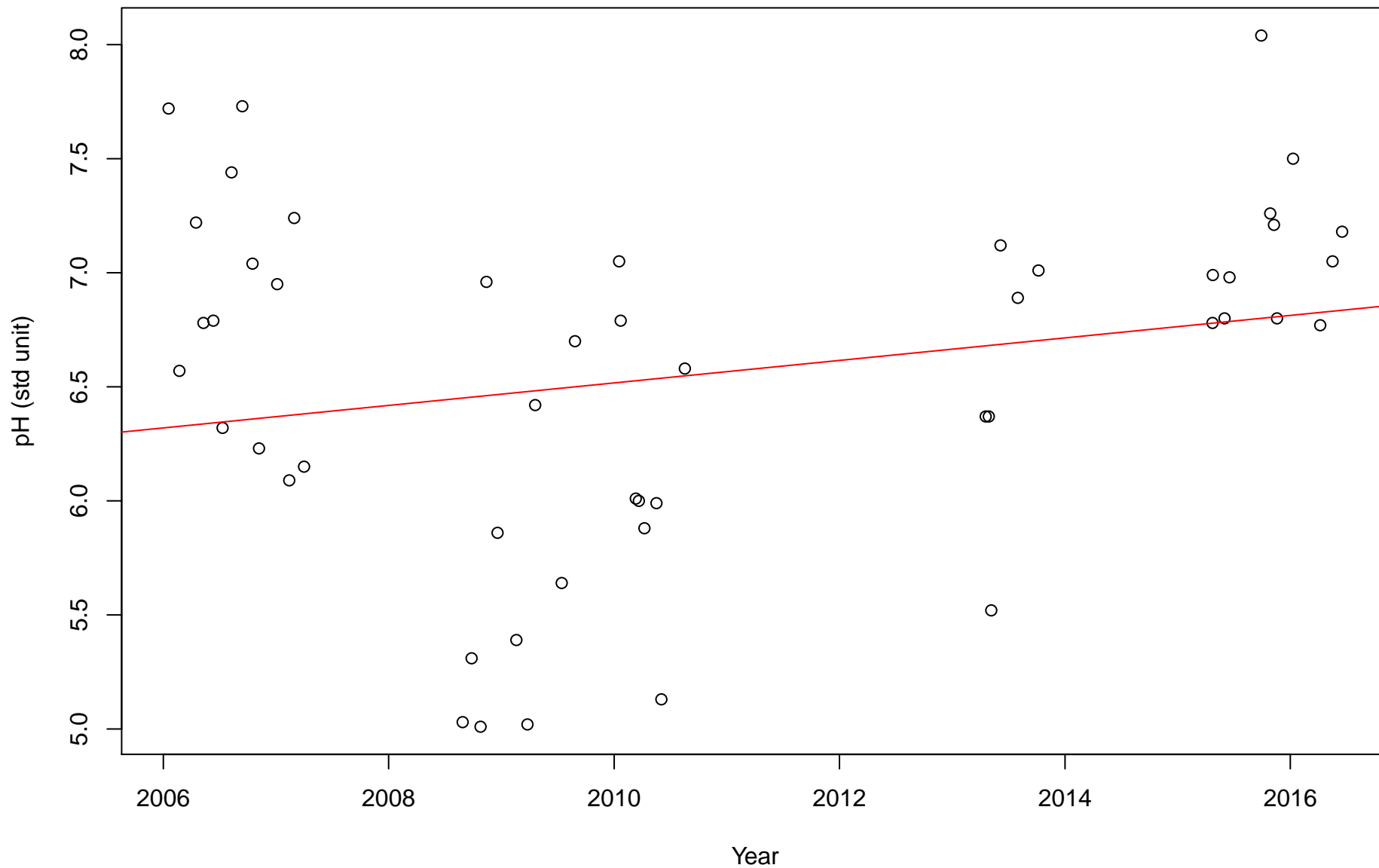
slope = 0.0165889869989212; p-value = 0.0059361369701561

CC15MSI000001



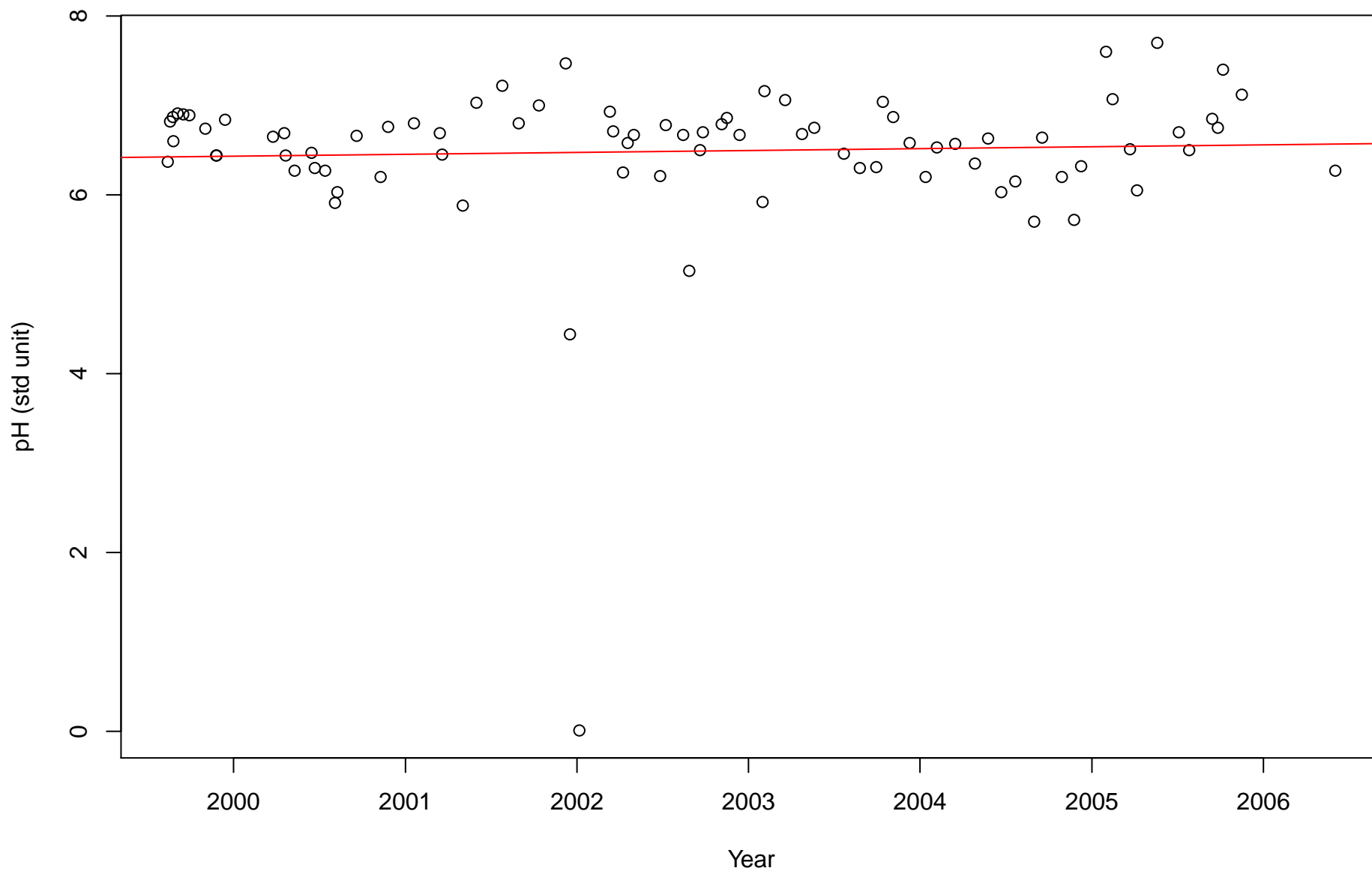
slope = 0.128338039462575; p-value = 0.0574835916103698

CC15MSI000002

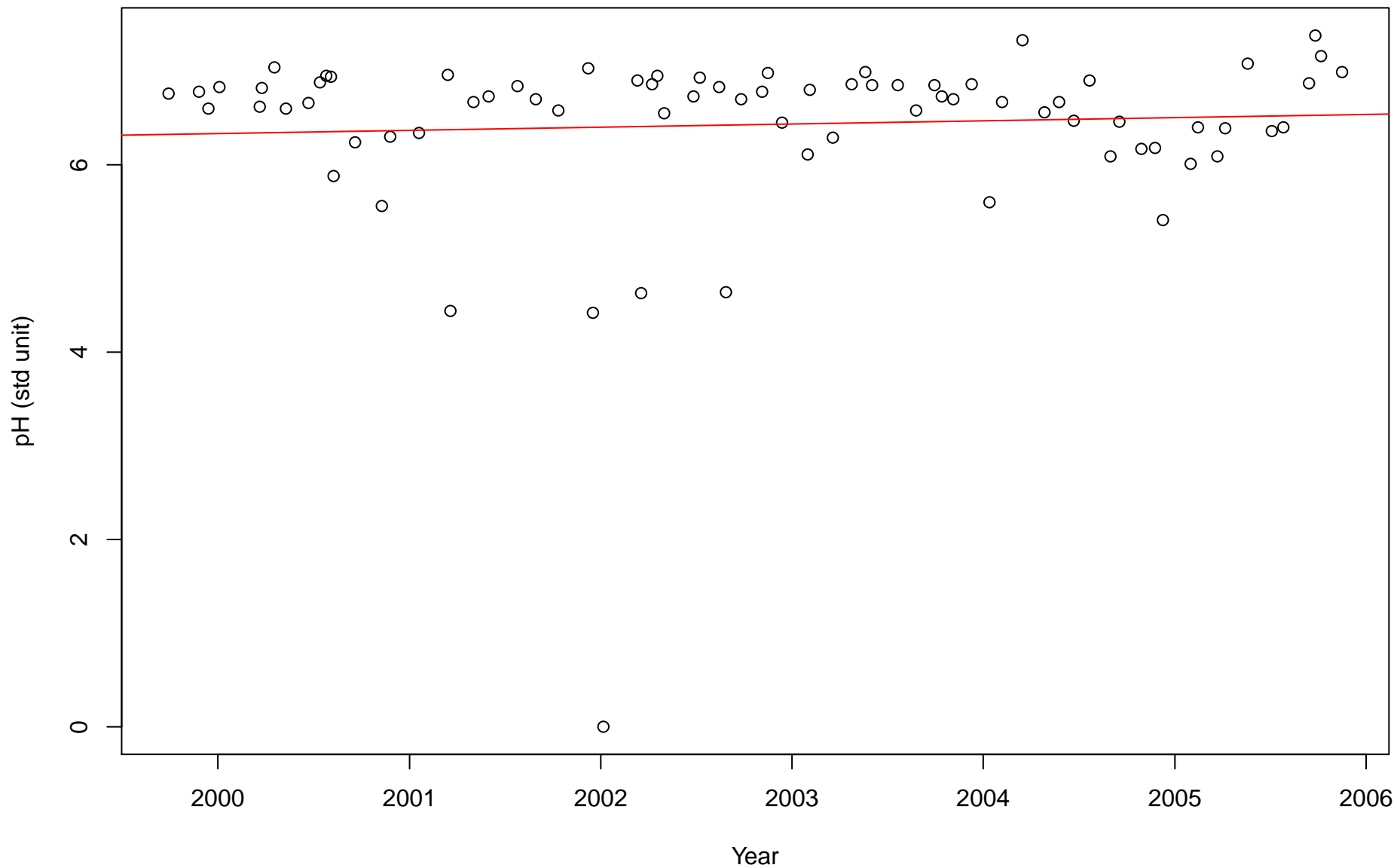


slope = 0.0492980755377898; p-value = 0.102462134606755

CH99MSI000096

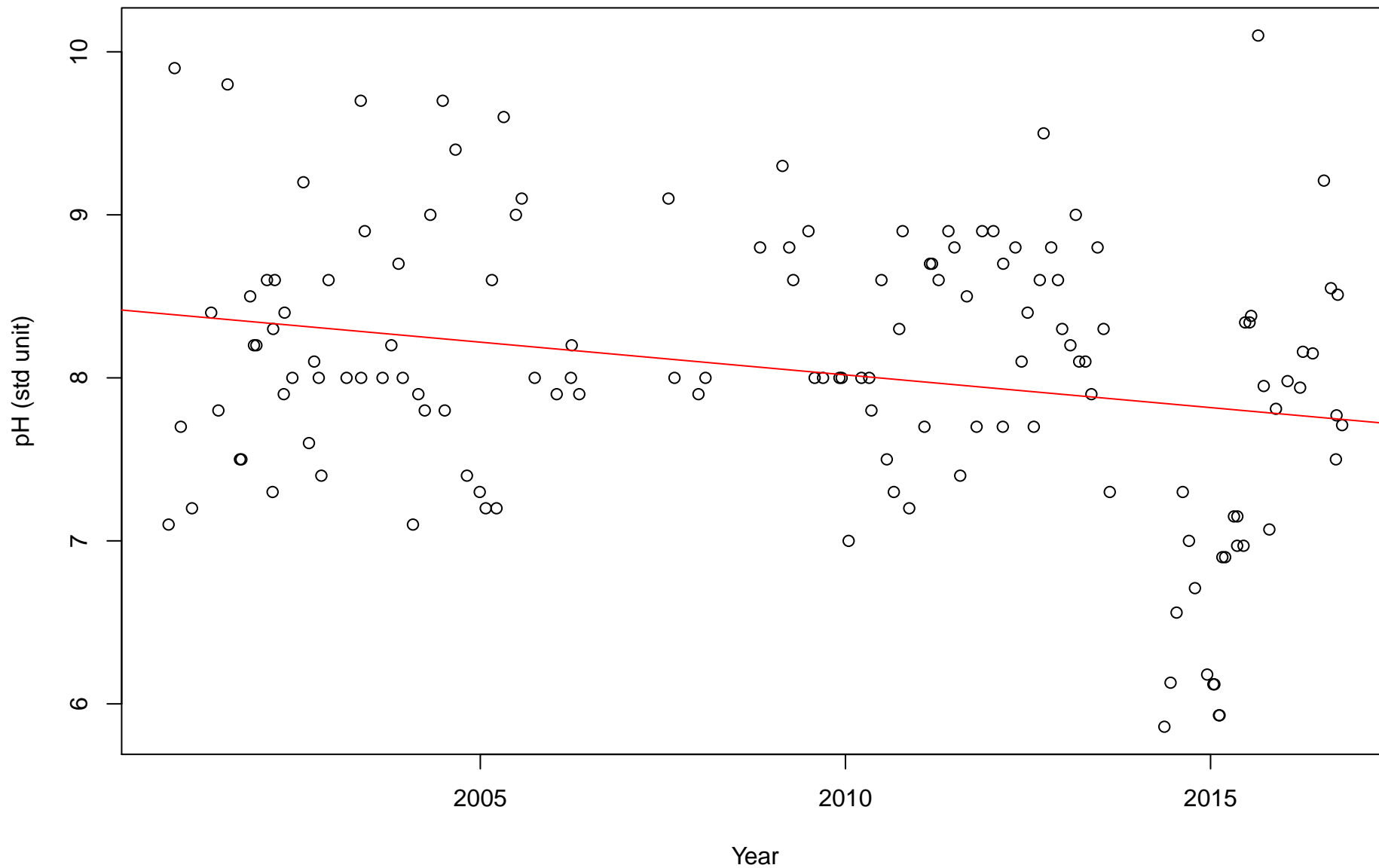


CH99MSI000162



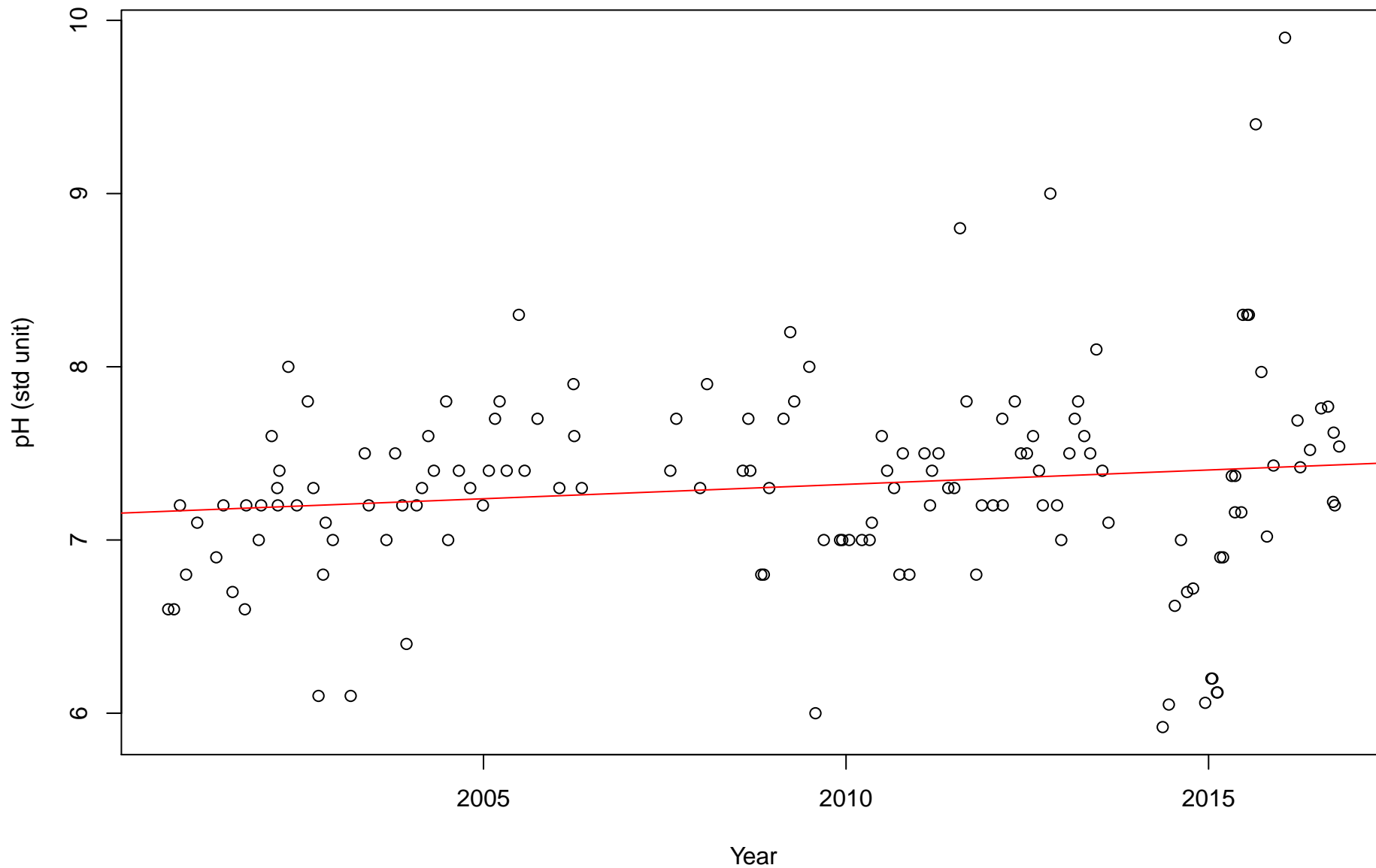
slope = 0.0339672085192215; p-value = 0.589912612156621

CR15MSI000003

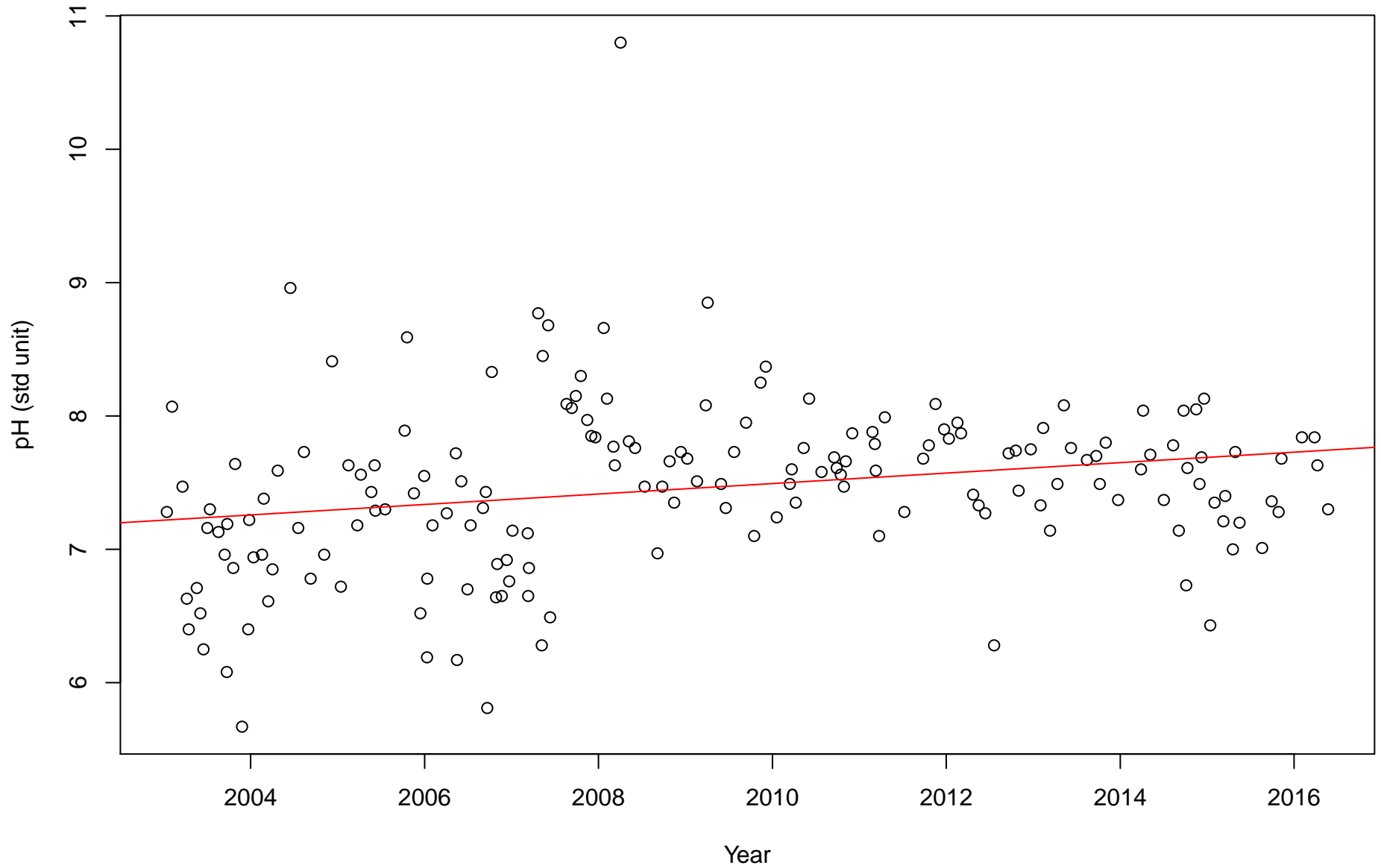


slope = -0.0401197870221038 ; p-value = 0.00371932385692447

CR15MSI000004

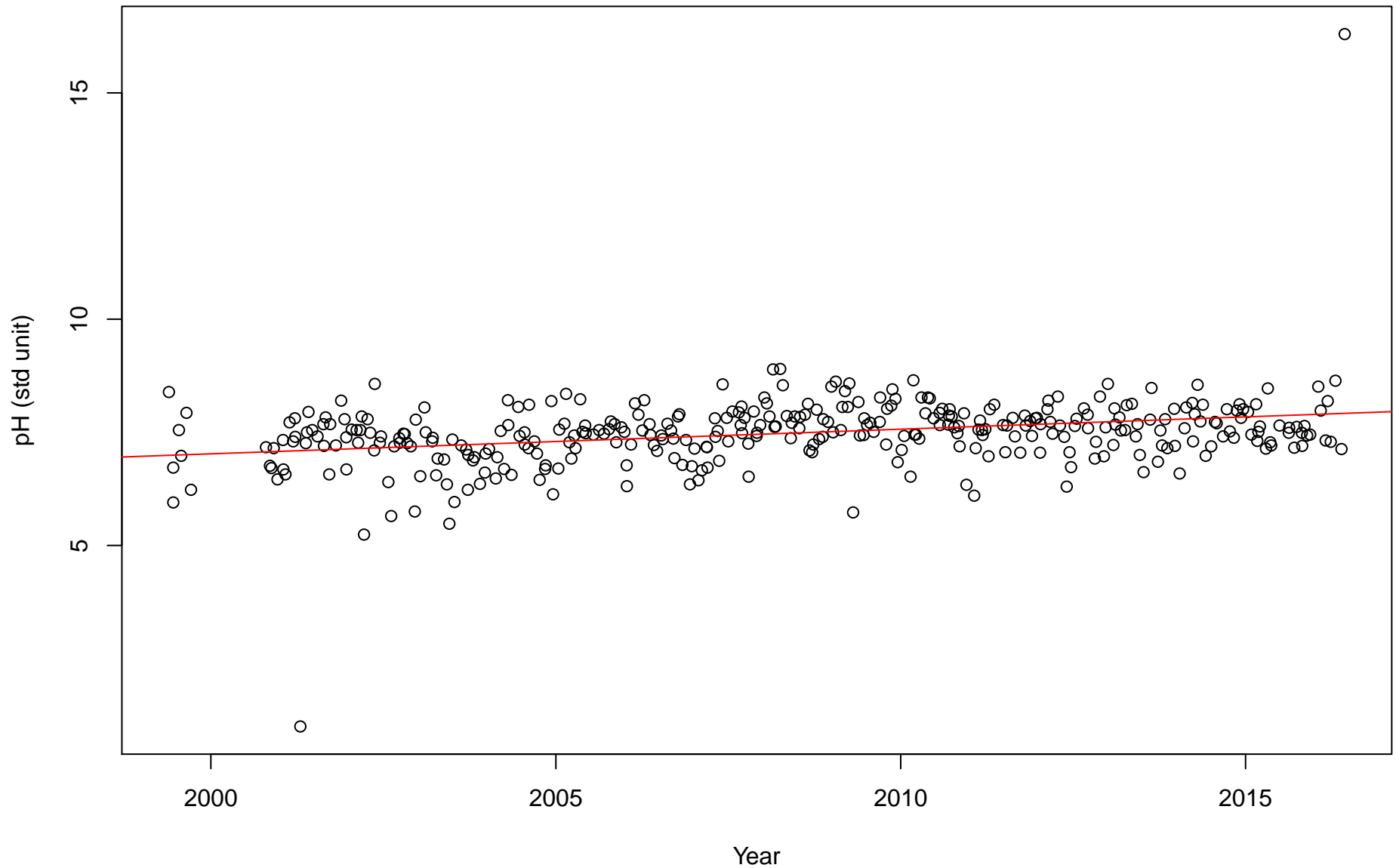


FR02MSI000059



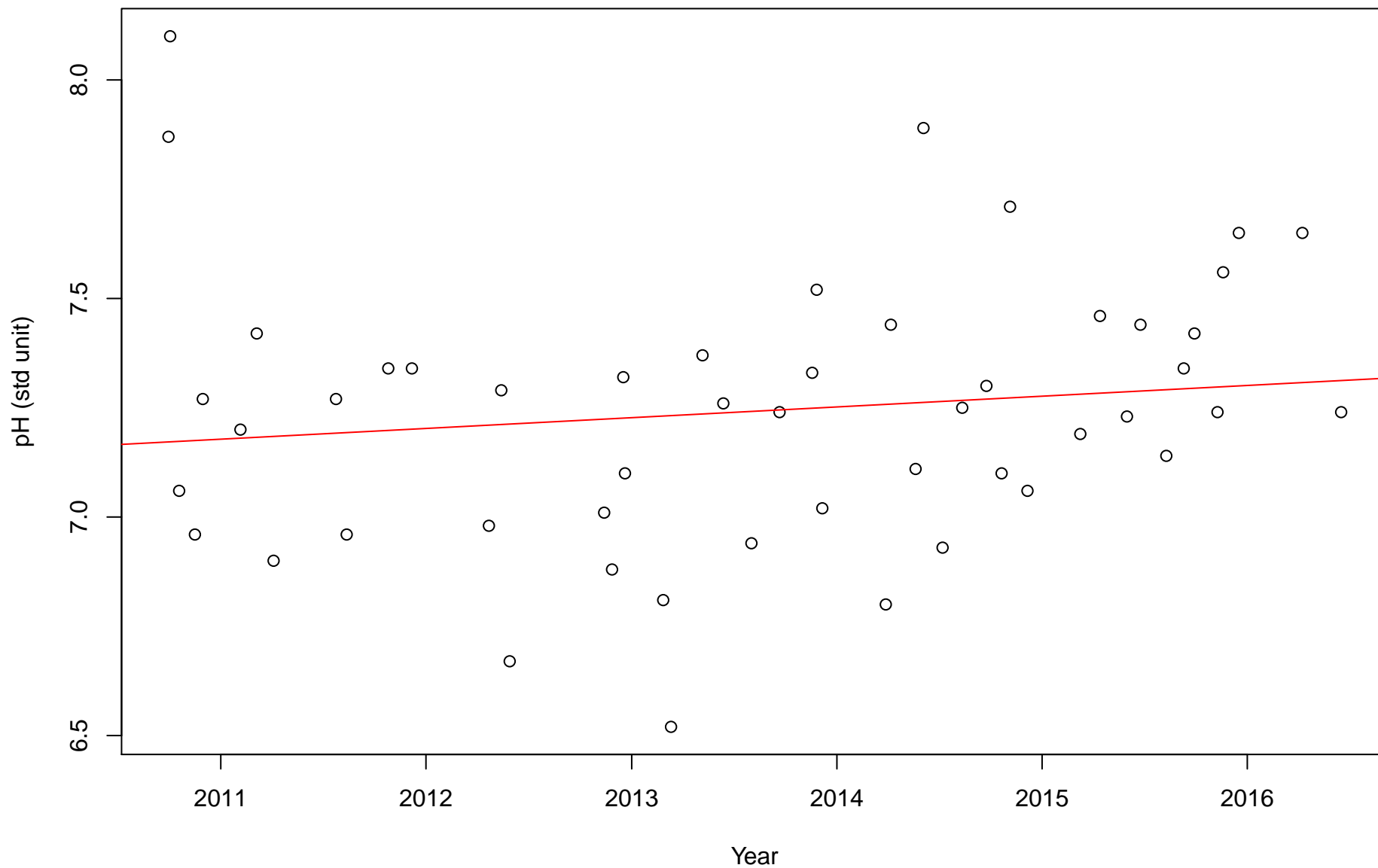
slope = 0.0391969761829831; p-value = 0.00128360728250654

FR99MSI000058



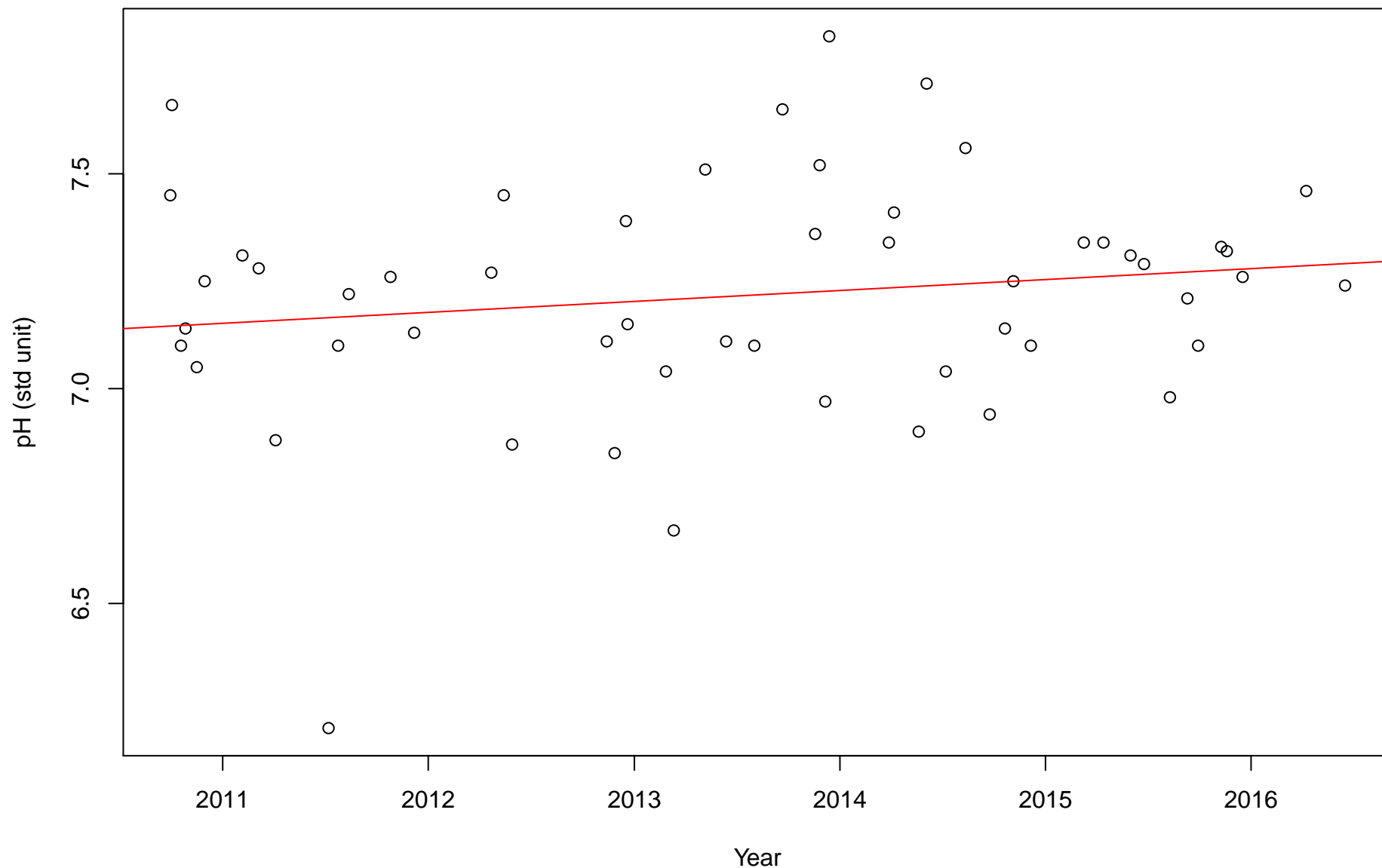
slope = 0.0543774708239363; p-value = 5.83250862995636e-09

HA10MSI0WC002



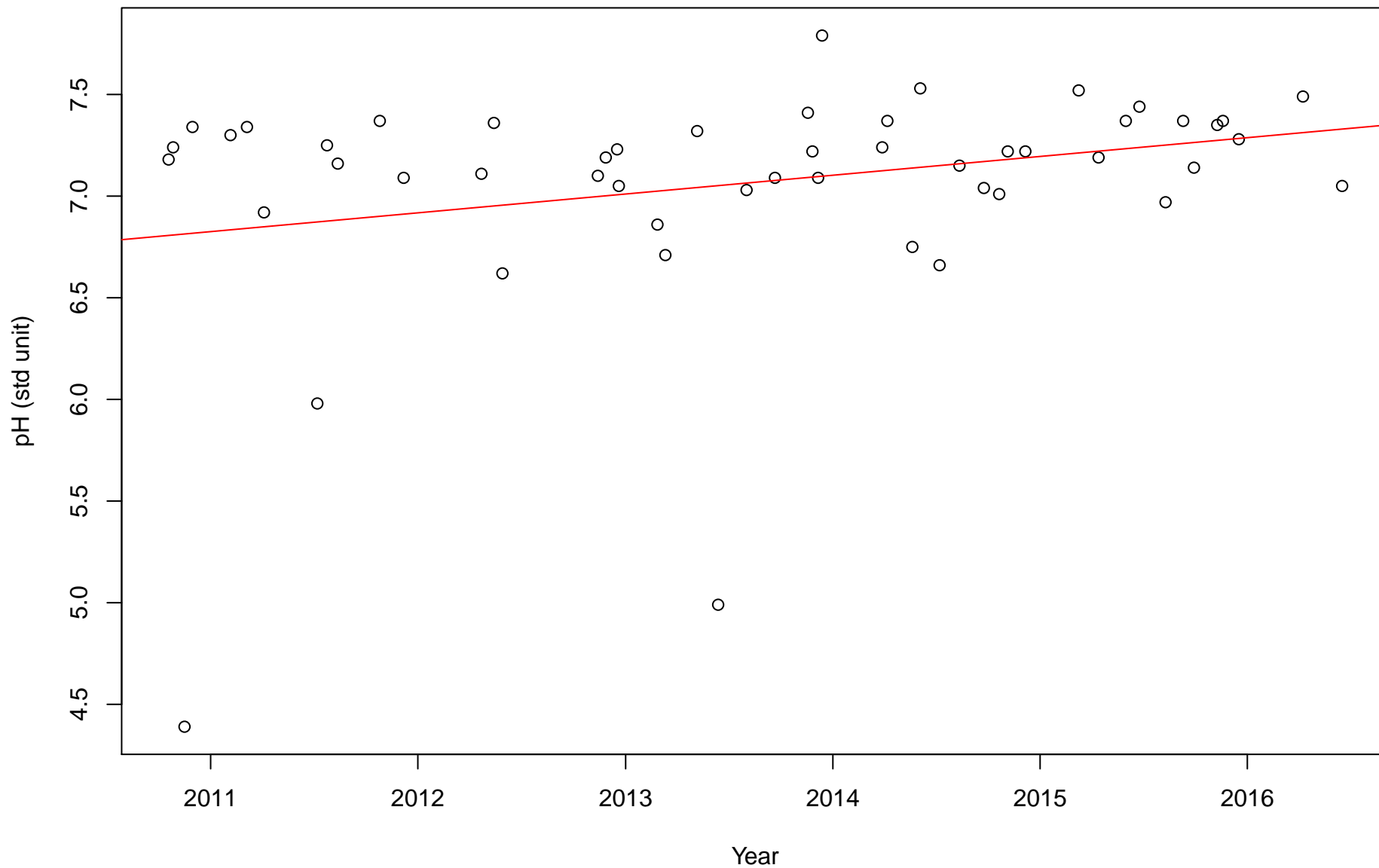
slope = 0.0245738272154464; p-value = 0.344620052881272

HA10MSI0WC003



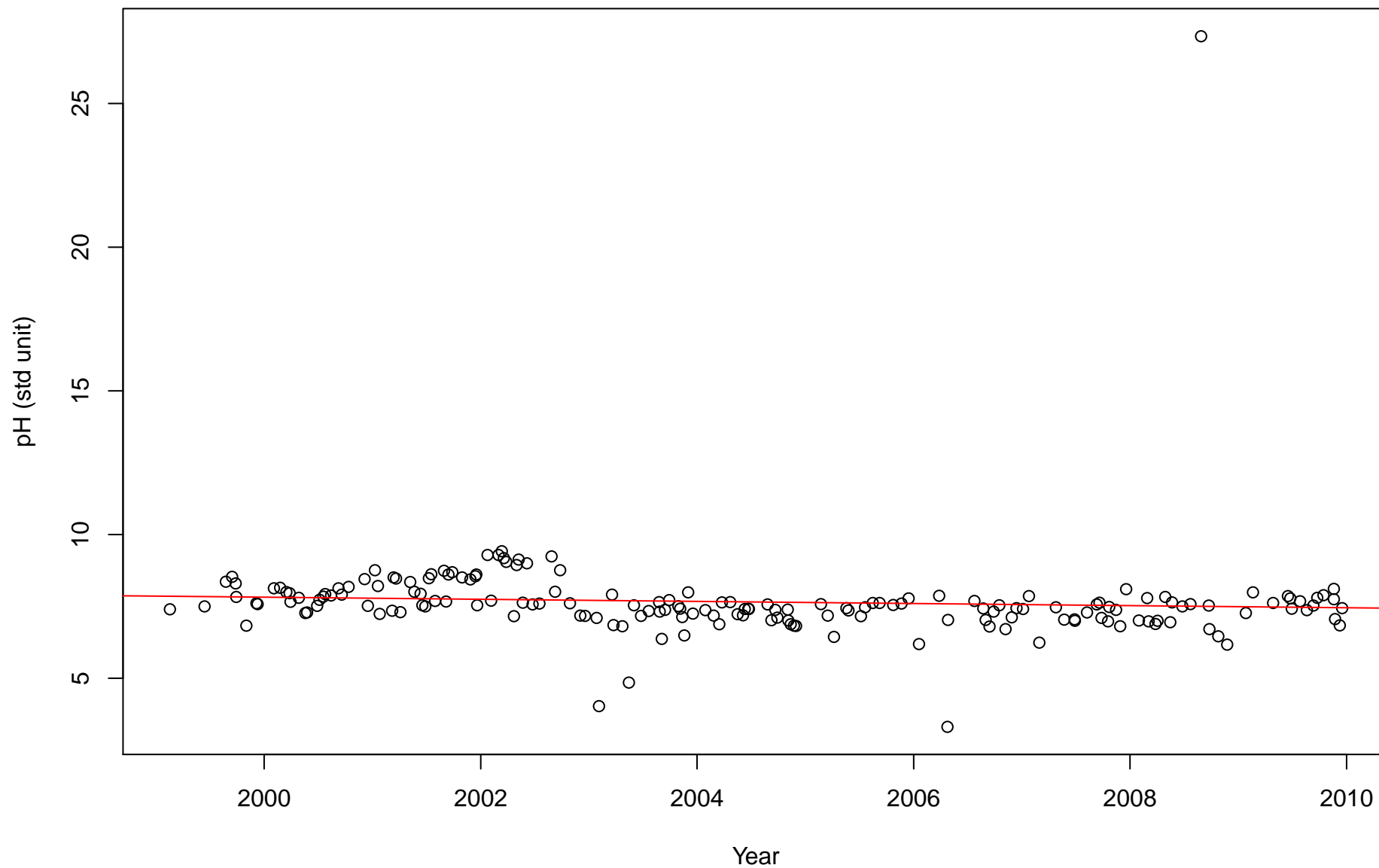
slope = 0.0254346362509971; p-value = 0.245381669856657

HA10MSI0WC004



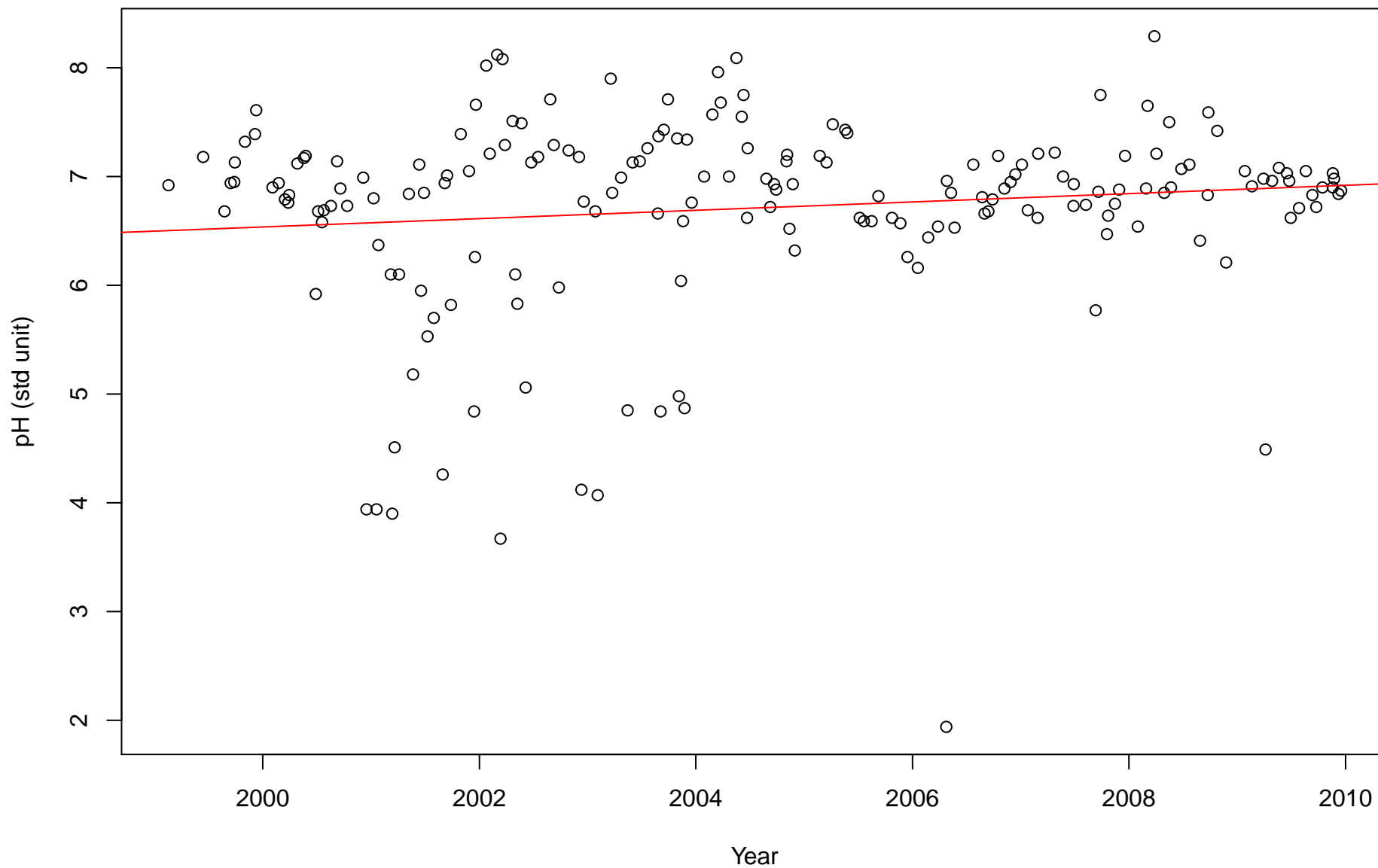
slope = 0.0923980056481479; p-value = 0.05154675716003

HA99MSI000001



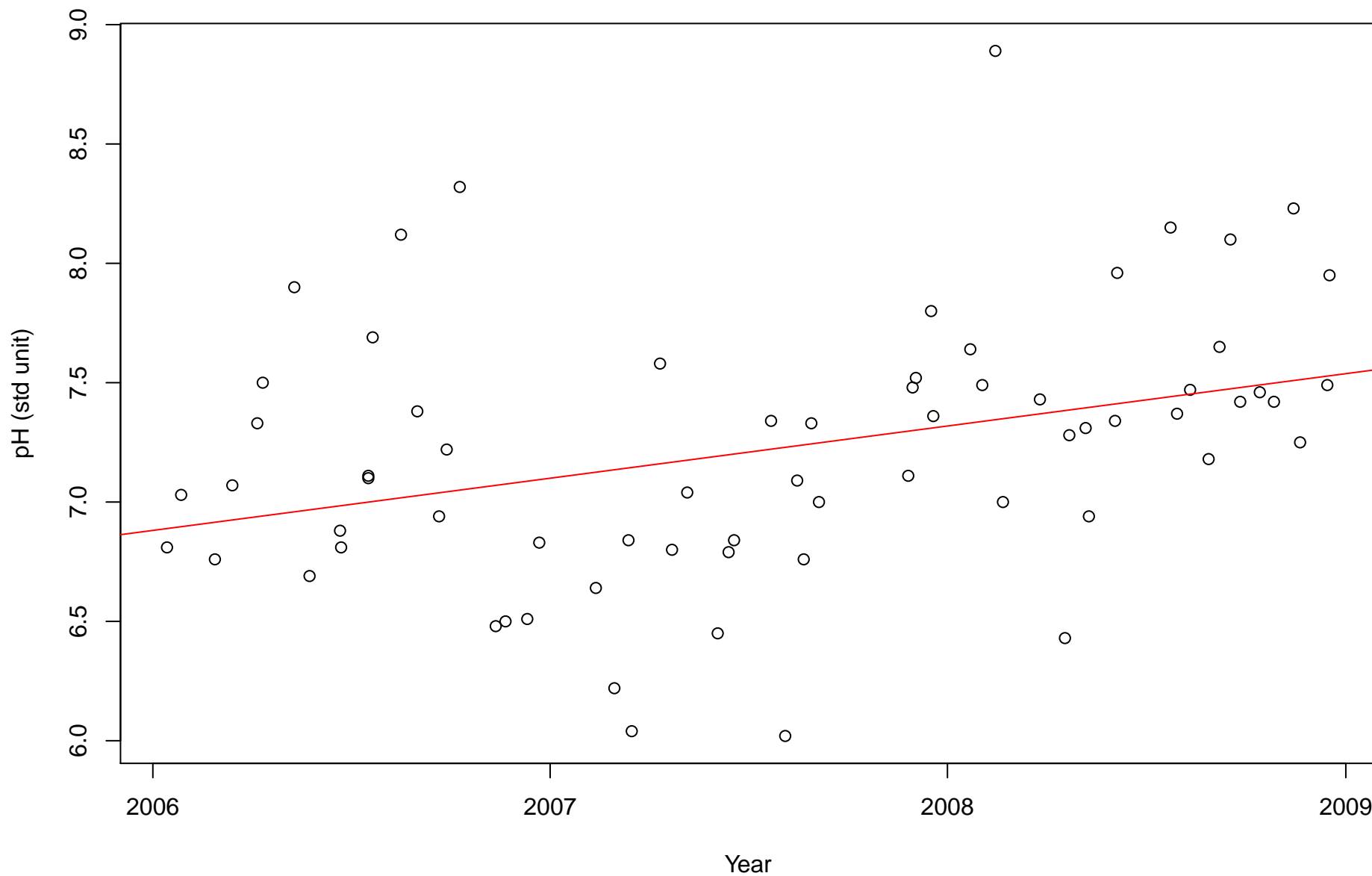
slope = -0.0367506052722948; p-value = 0.364325050486752

HA99MSI000002



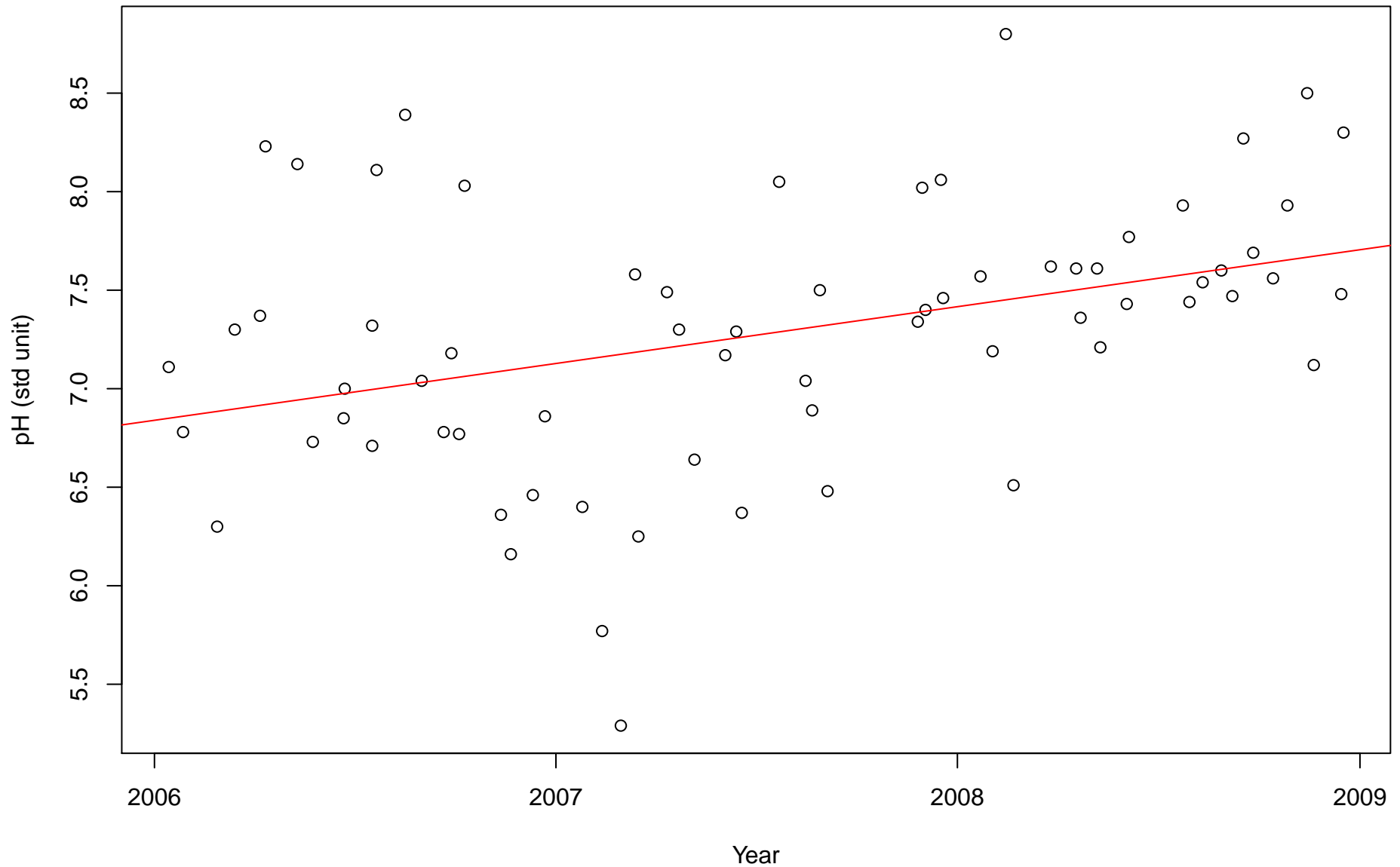
slope = 0.0382802973979467; p-value = 0.0760733610892598

MO02MSI000104



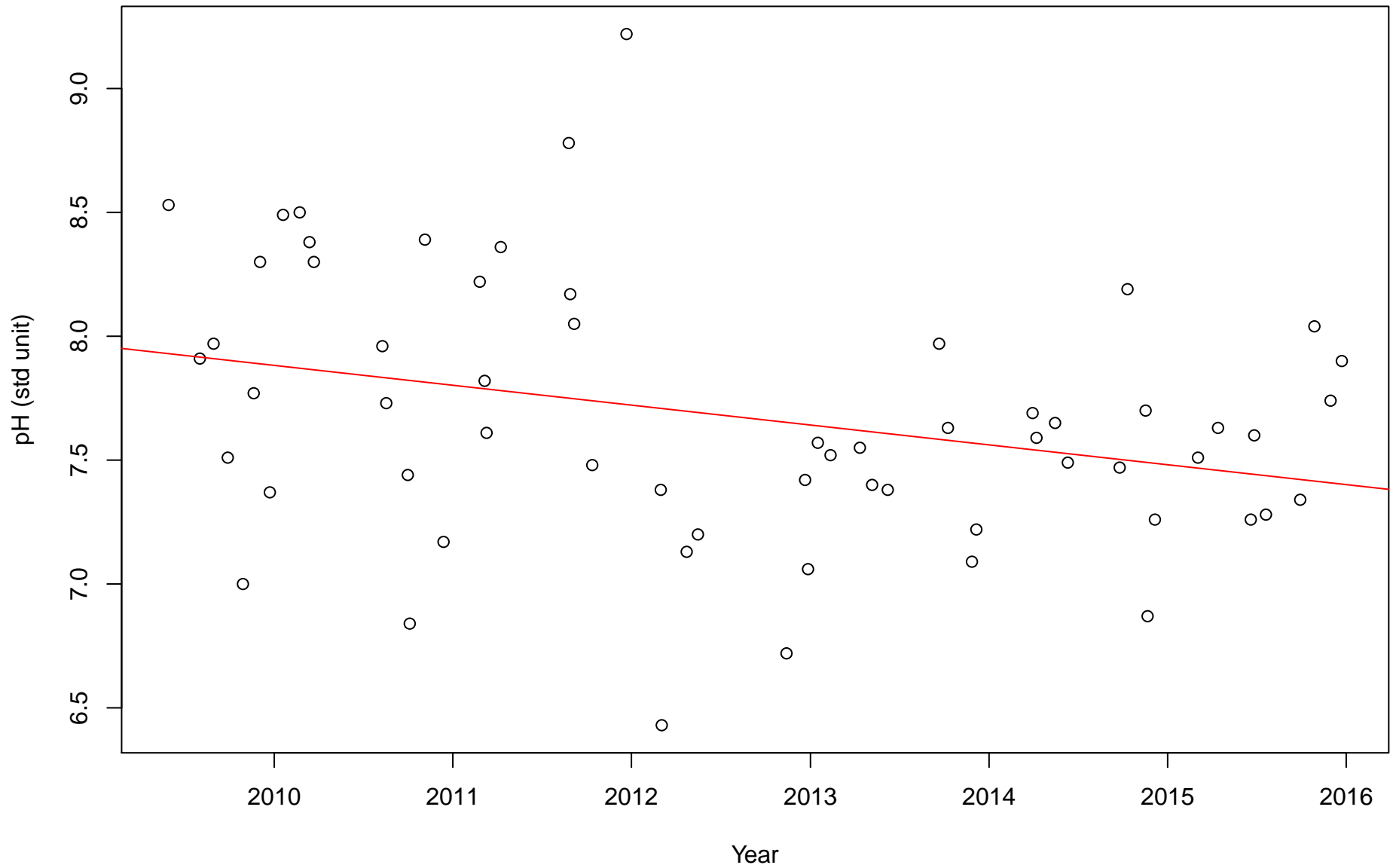
slope = 0.218694850331882; p-value = 0.00384199357231925

MO02MSI000310



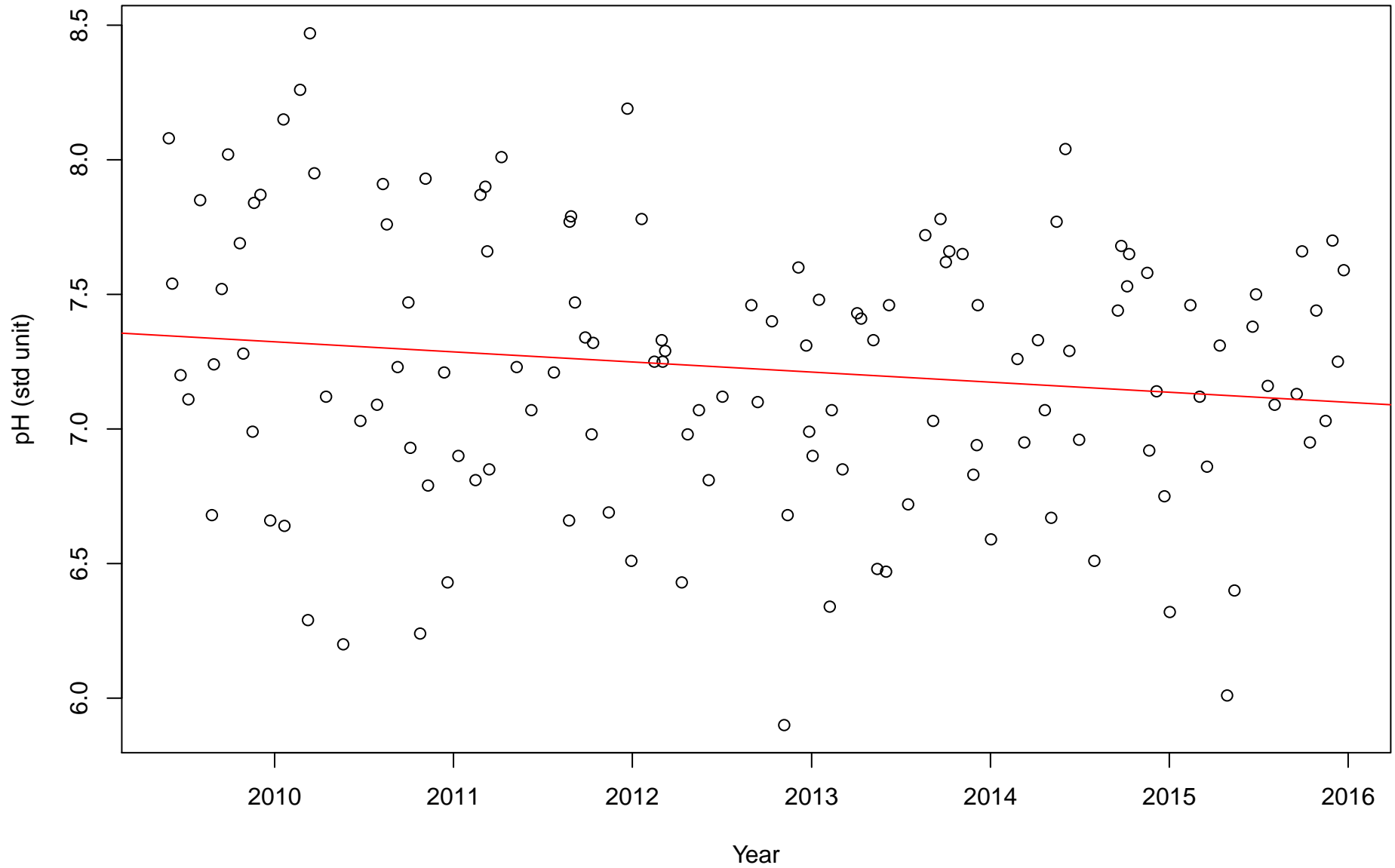
slope = 0.288262795159822; p-value = 0.00154214085895424

MO09MSI000001



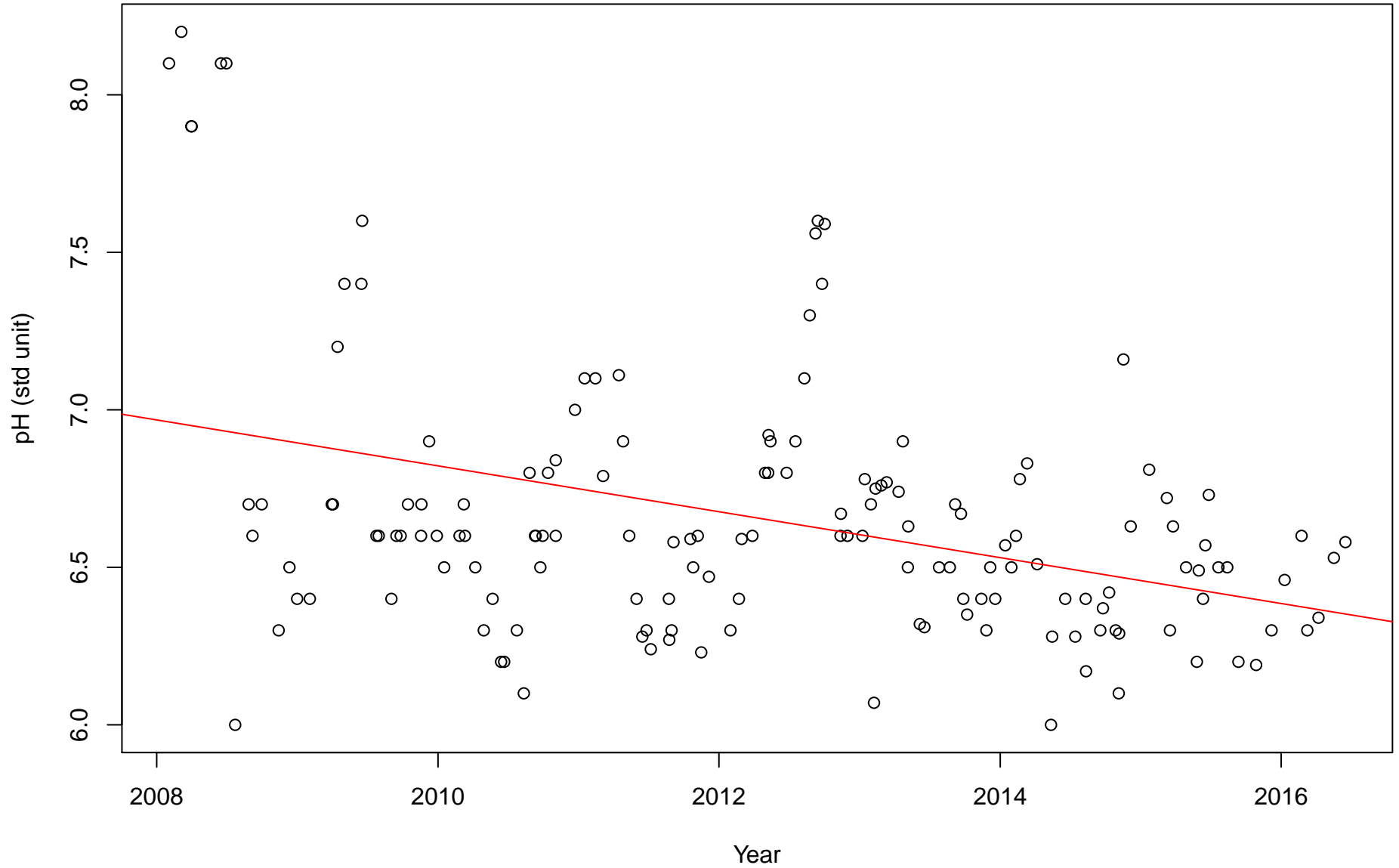
slope = -0.0801622873714545; p-value = 0.0151204199526991

MO09MSI000002



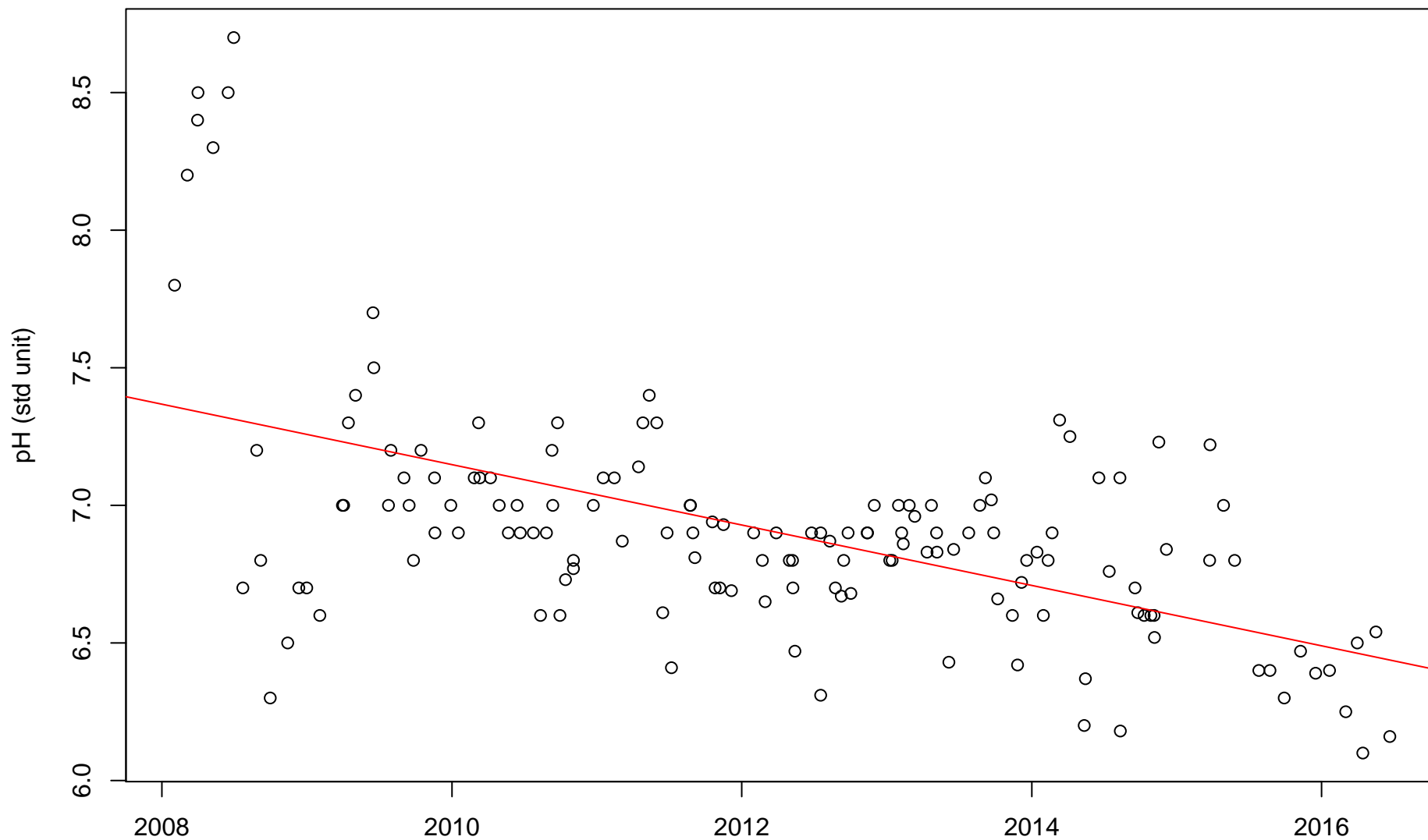
slope = -0.0374697444503345; p-value = 0.0954678410451794

PG15MSI000012



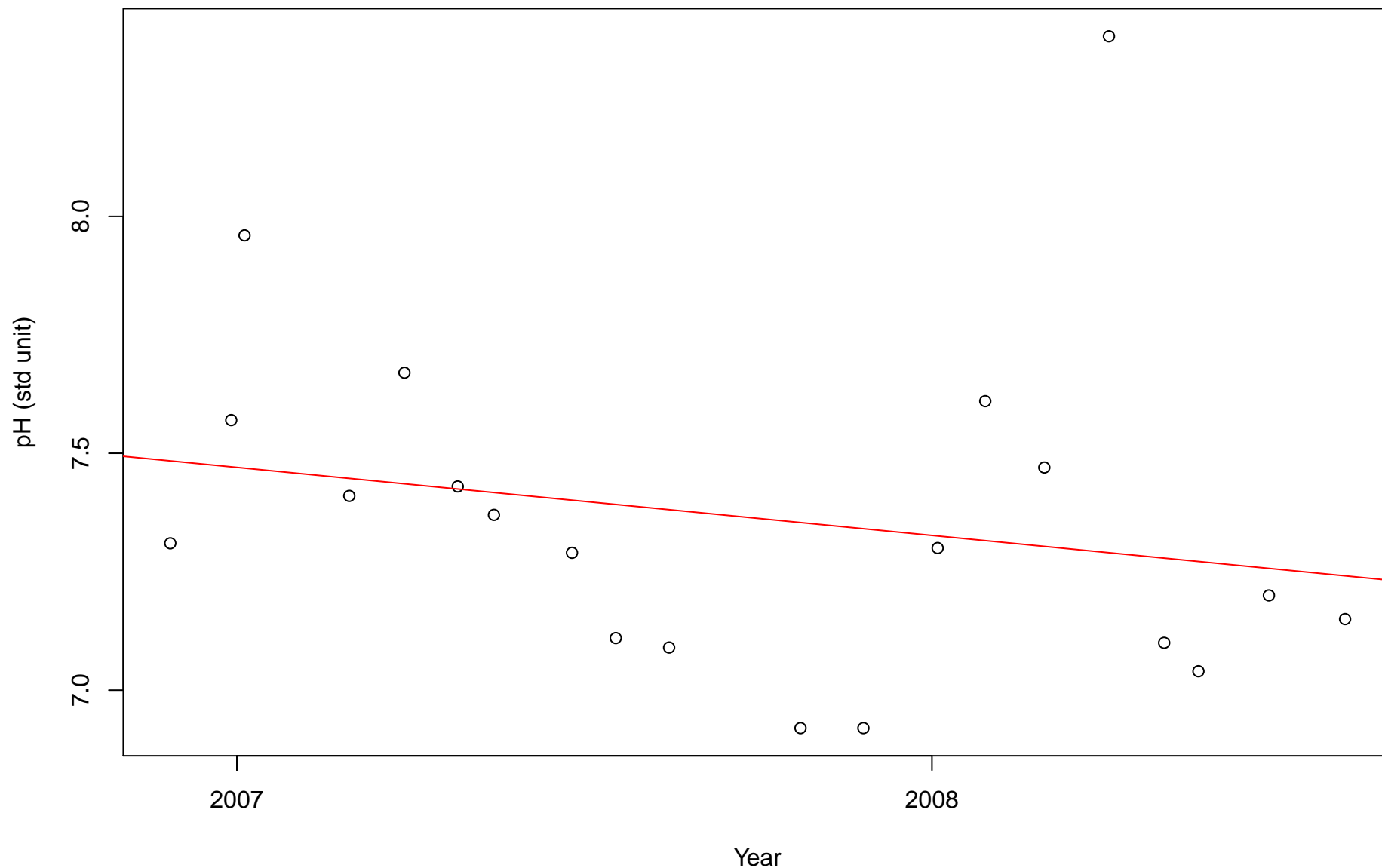
slope = -0.0727939320382578 ; p-value = $8.17159569448779e-07$

PG15MSI000013



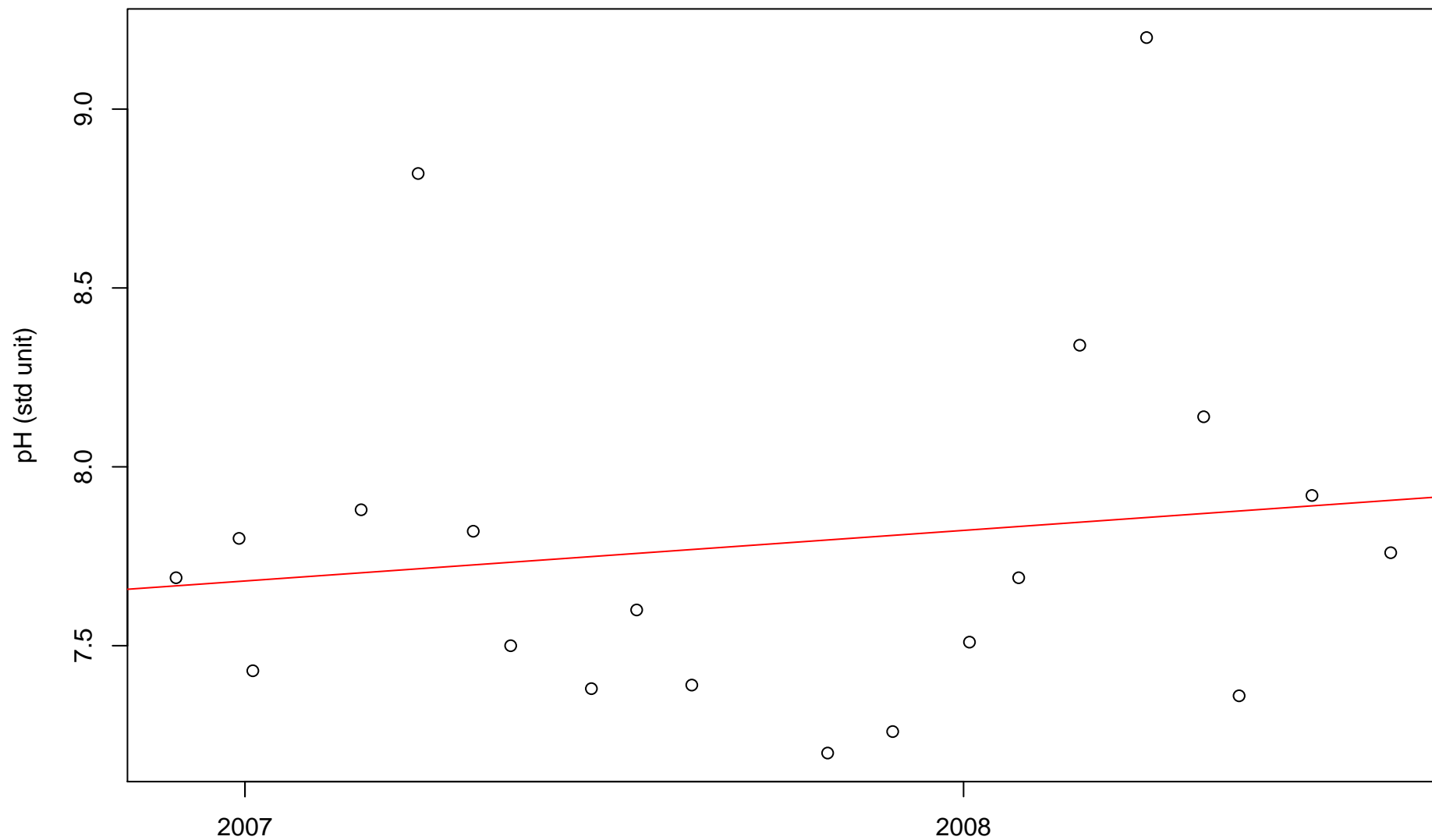
Year
slope = -0.10967588631606 ; p-value = $9.53142617613788\text{e-}14$

SHA06MSI00LD01



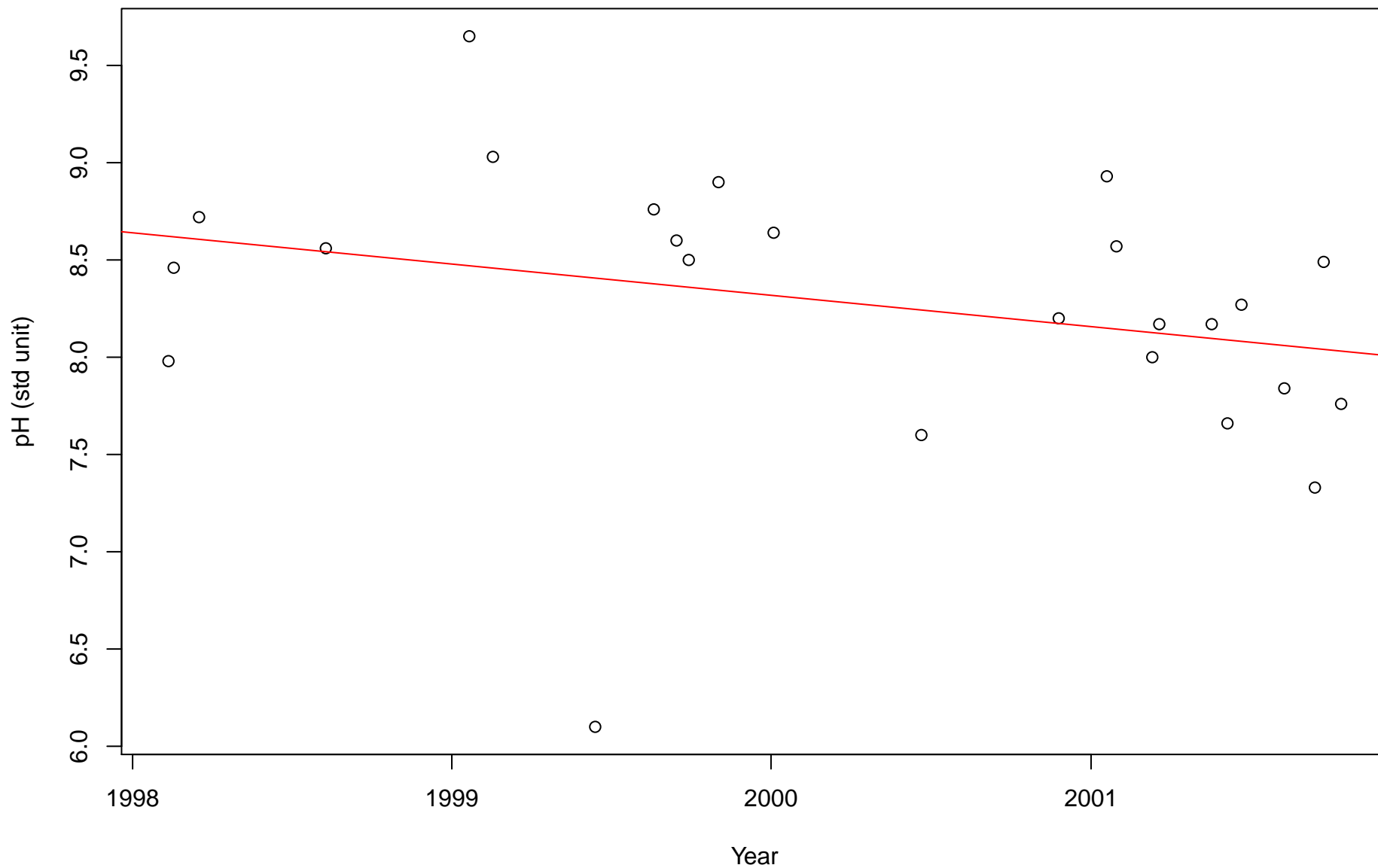
slope = -0.143536097425043 ; p-value = 0.356214242578846

SHA06MSI00LD02



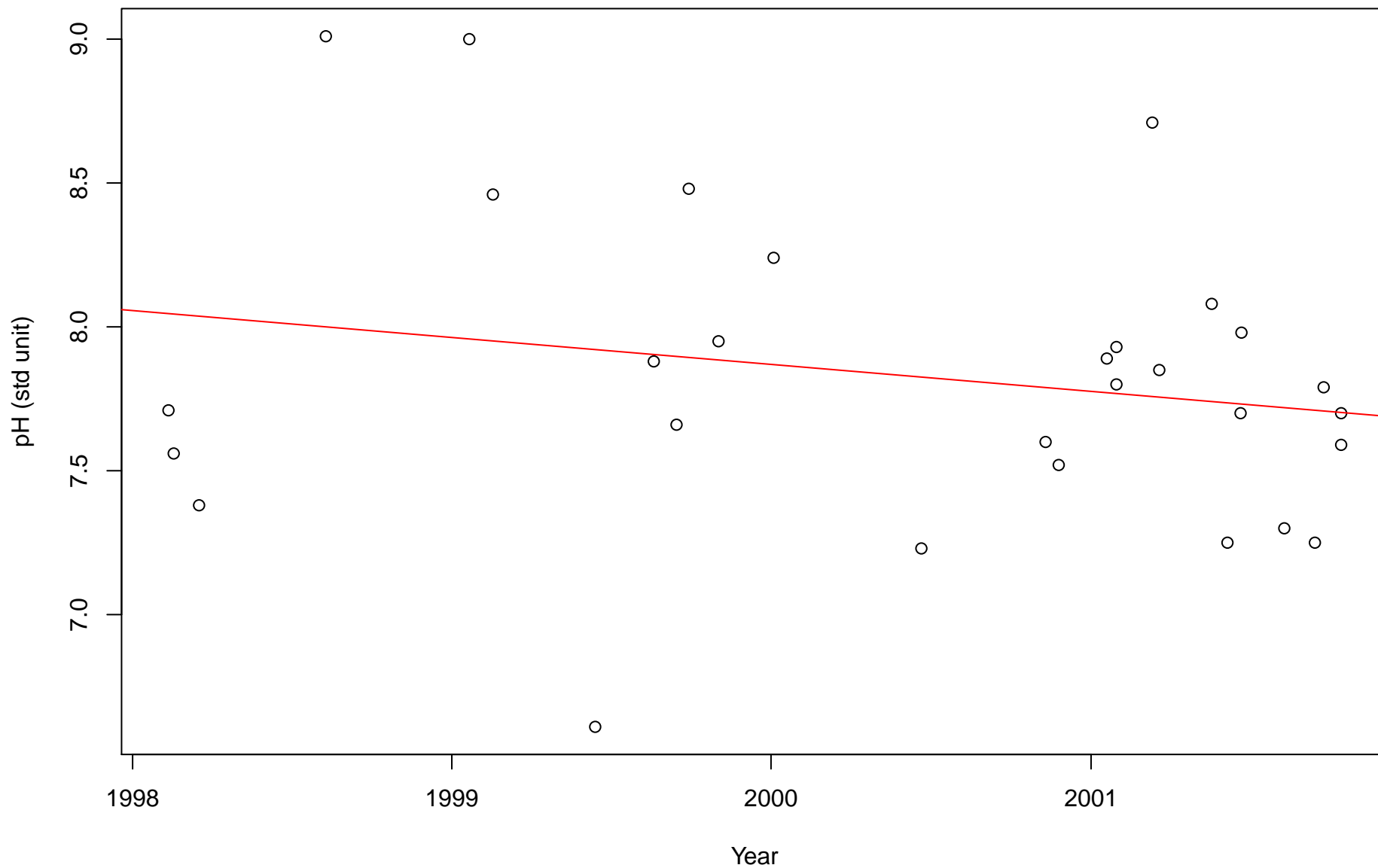
Year
slope = 0.141456990412674; p-value = 0.531424672987883

SHA98MSI00PS01



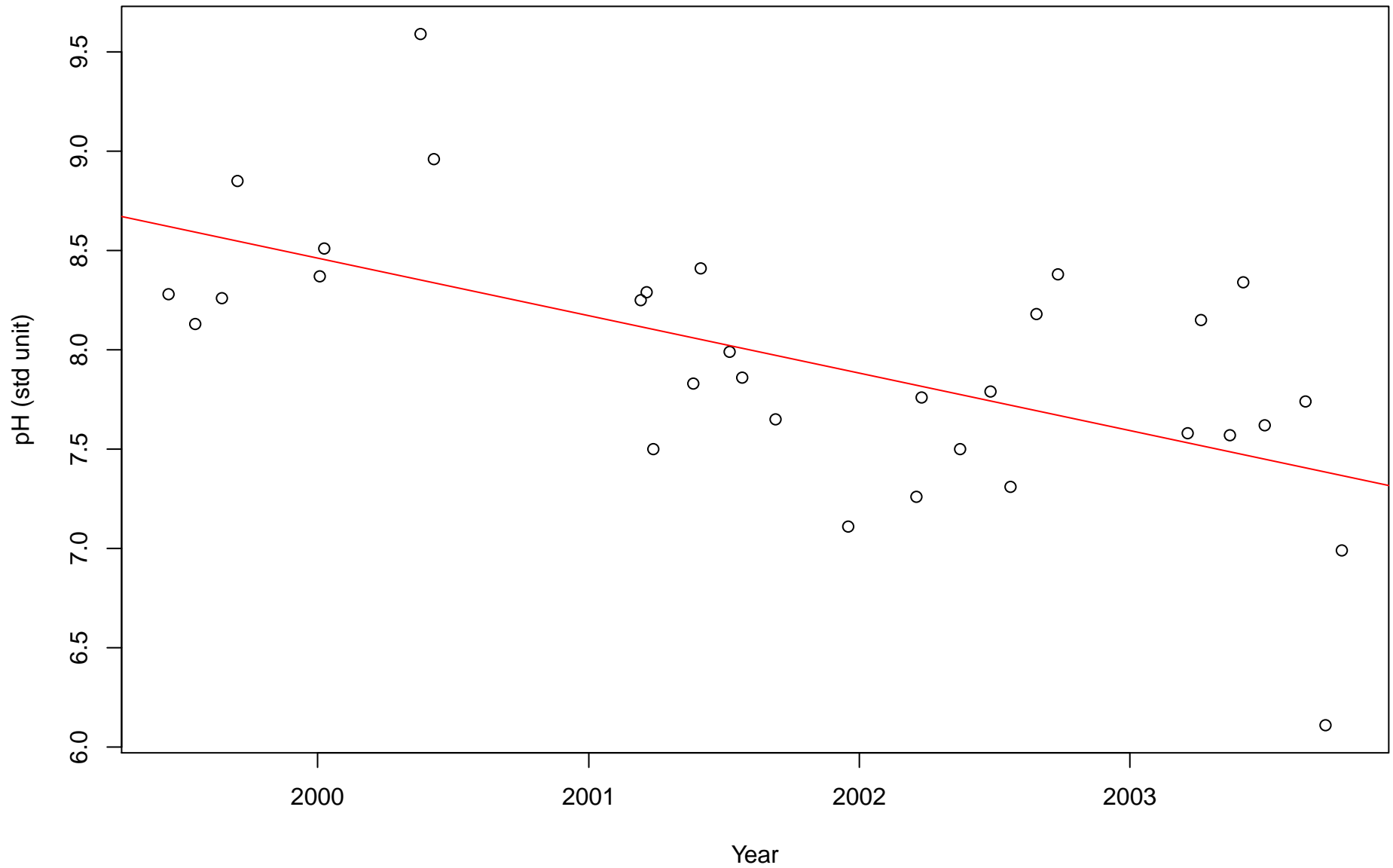
slope = -0.160617728131407; p-value = 0.161240515298106

SHA98MSI00PS02

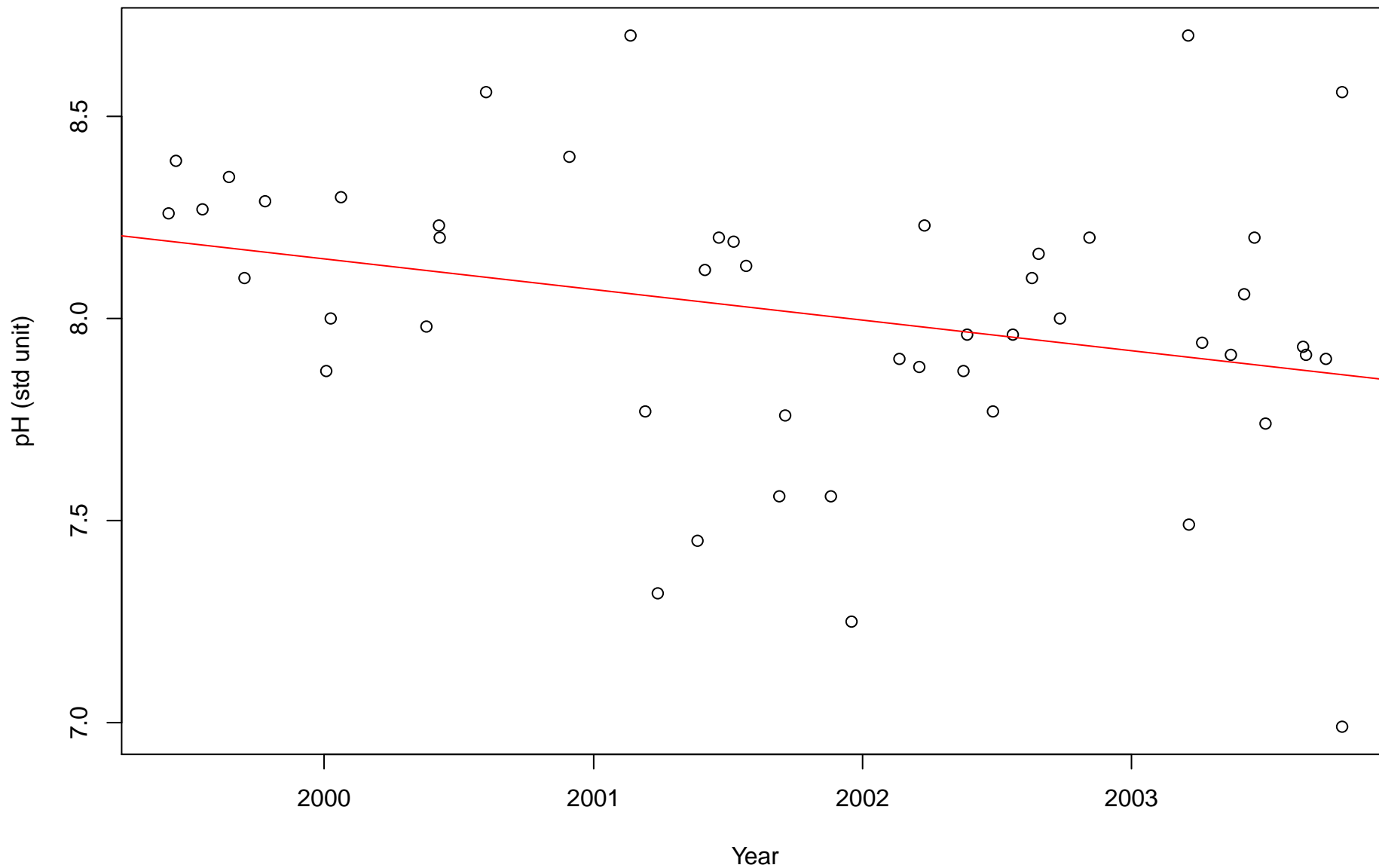


slope = -0.093529643647967 ; p-value = 0.270610311310086

SHA99MSI00DV01

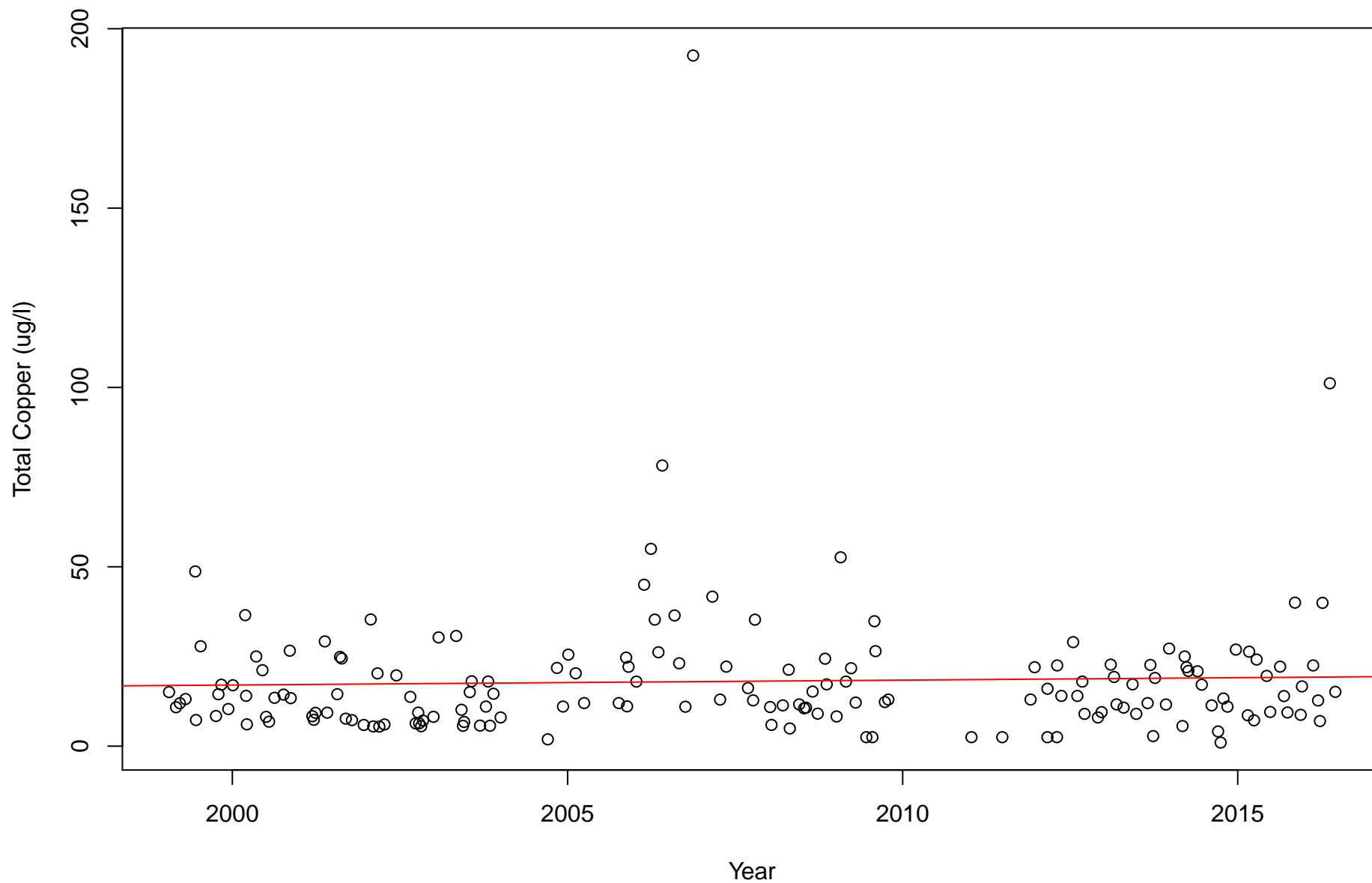


SHA99MSI00DV02

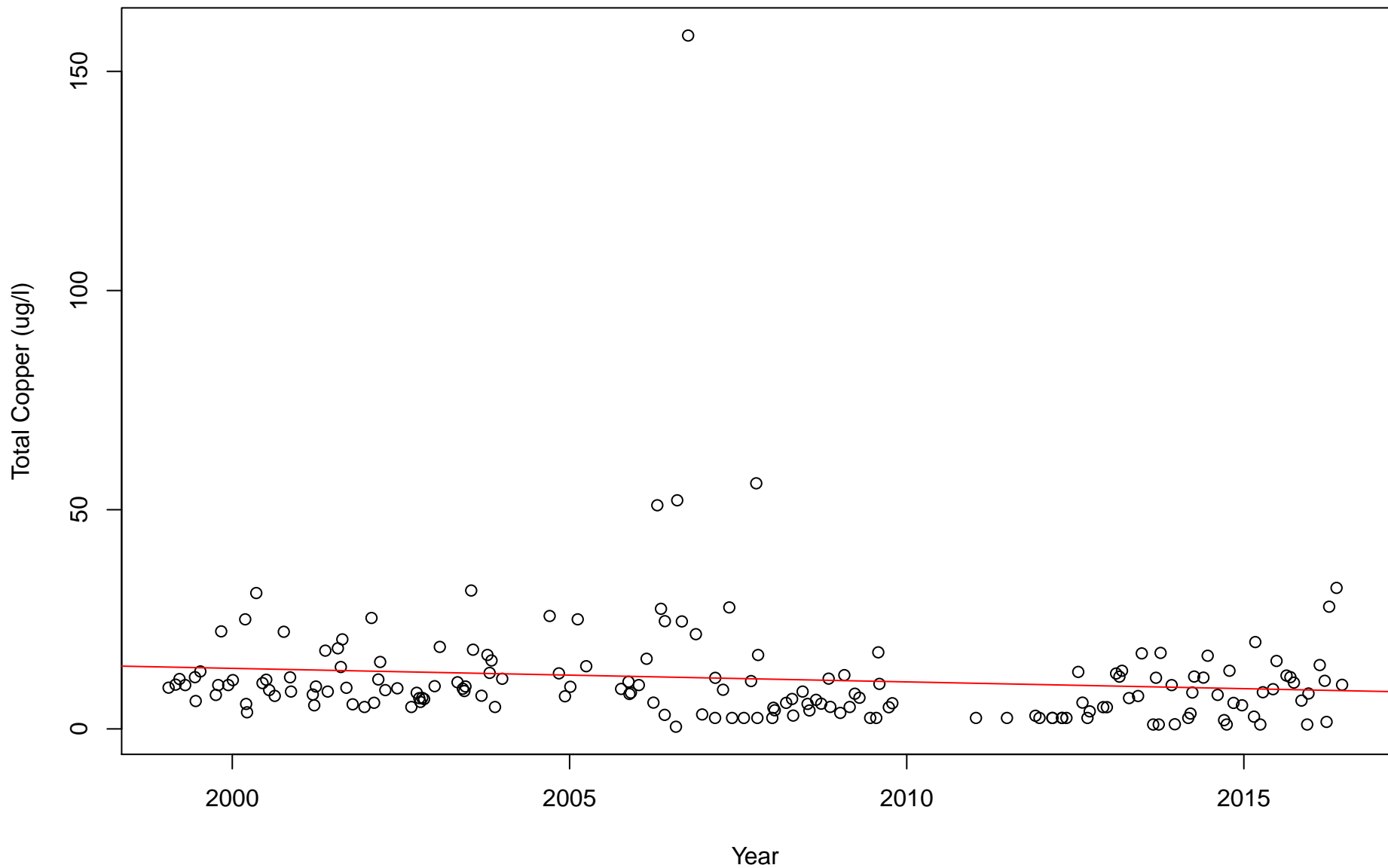


slope = -0.075680263743784 ; p-value = 0.0426469867606175

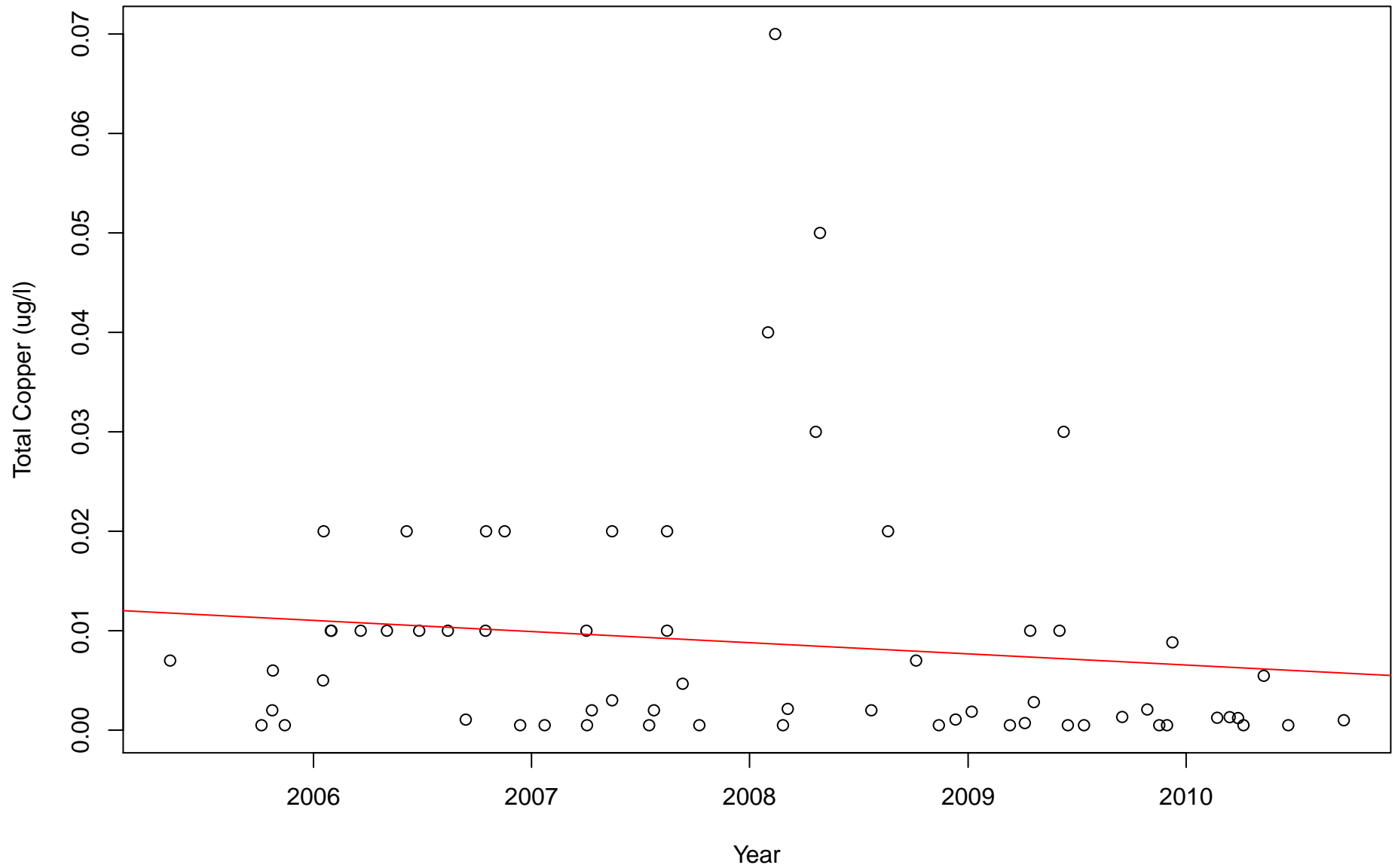
AA94MSI000008



AA94MSI000009

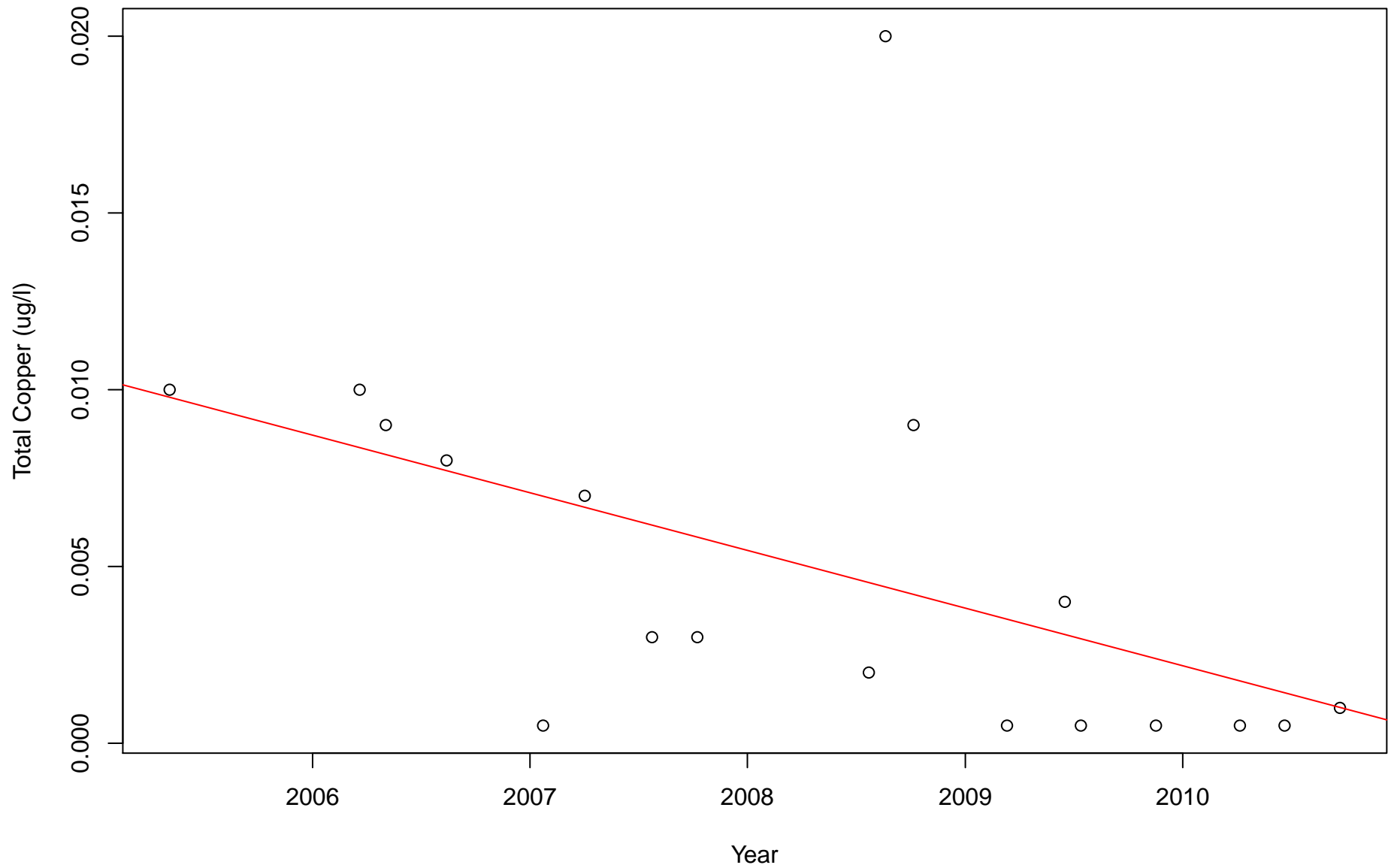


BA05MSI000SL01

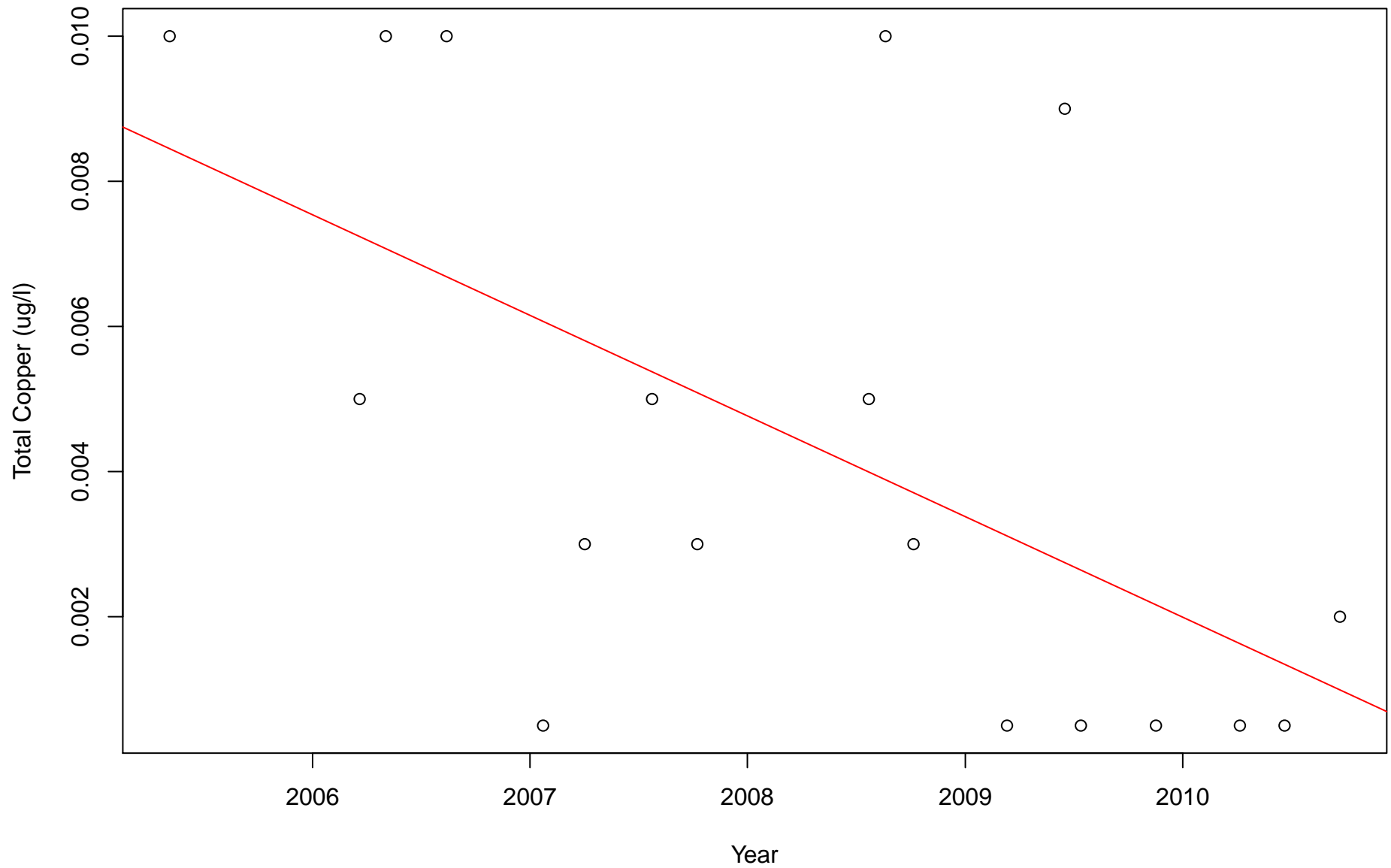


slope = -0.00112115973272019 ; p-value = 0.305635718099916

BA05MSI000SL02

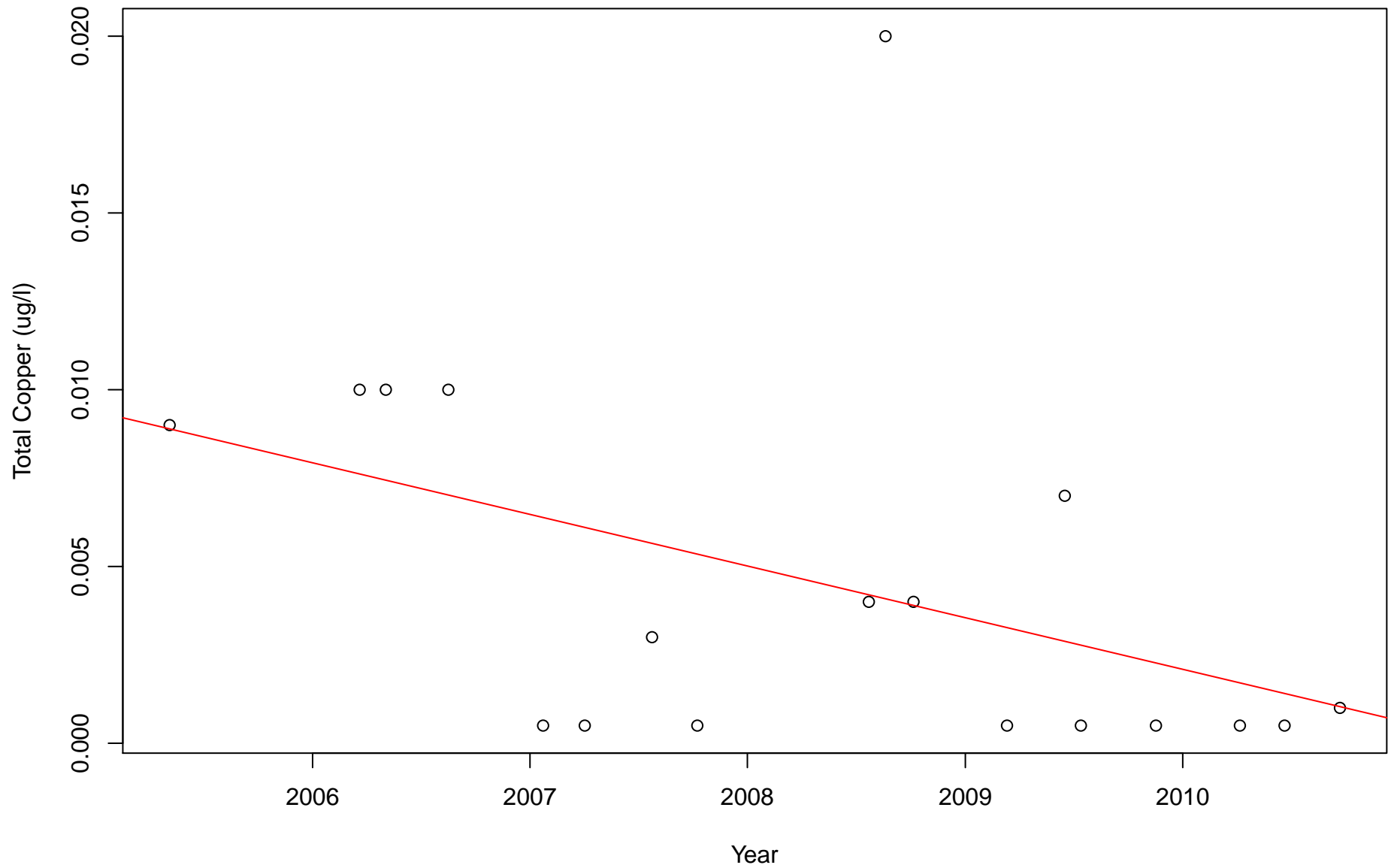


BA05MSI000SL03

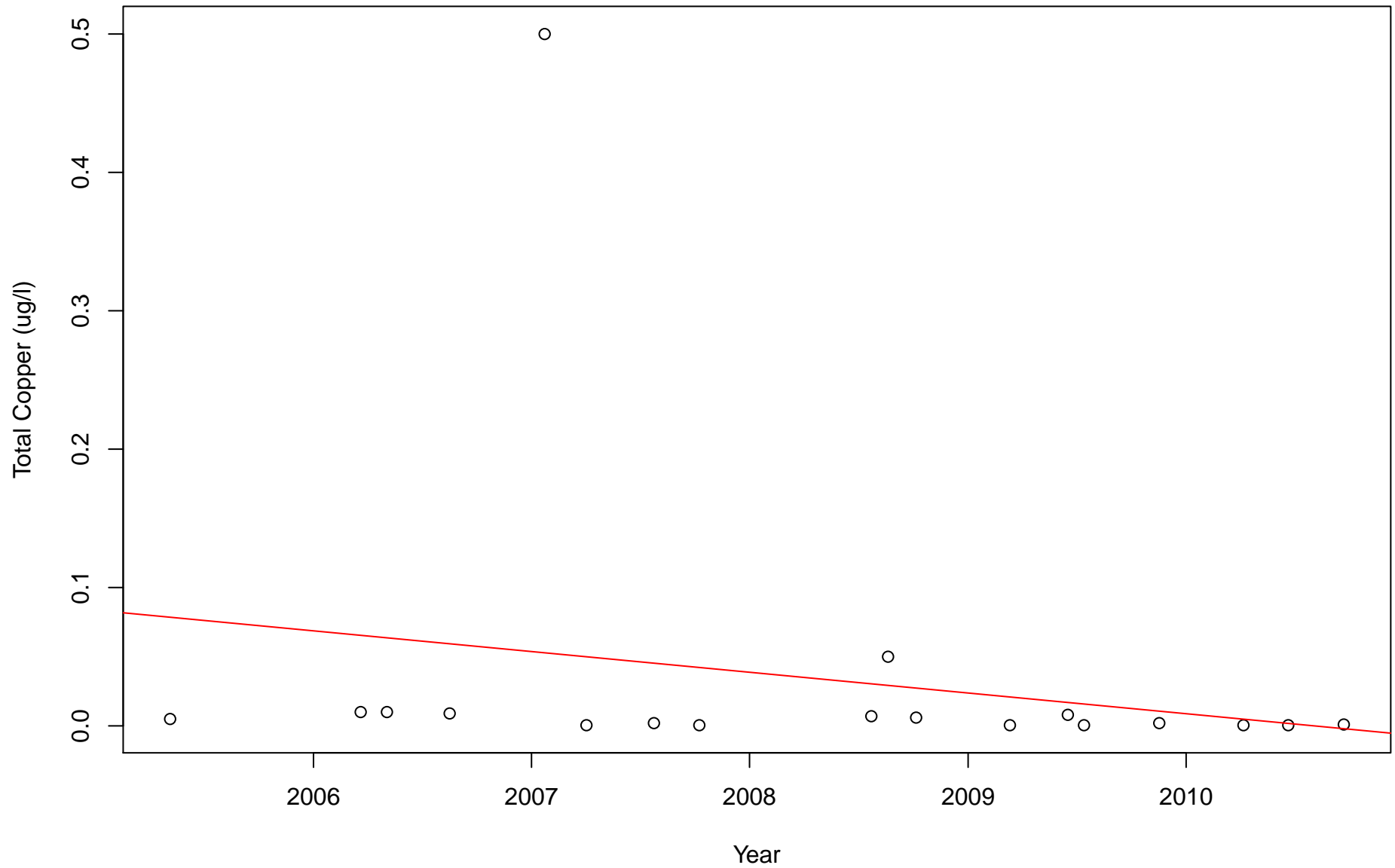


slope = -0.00138537617744686 ; p-value = 0.0112237058062567

BA05MSI000SL04

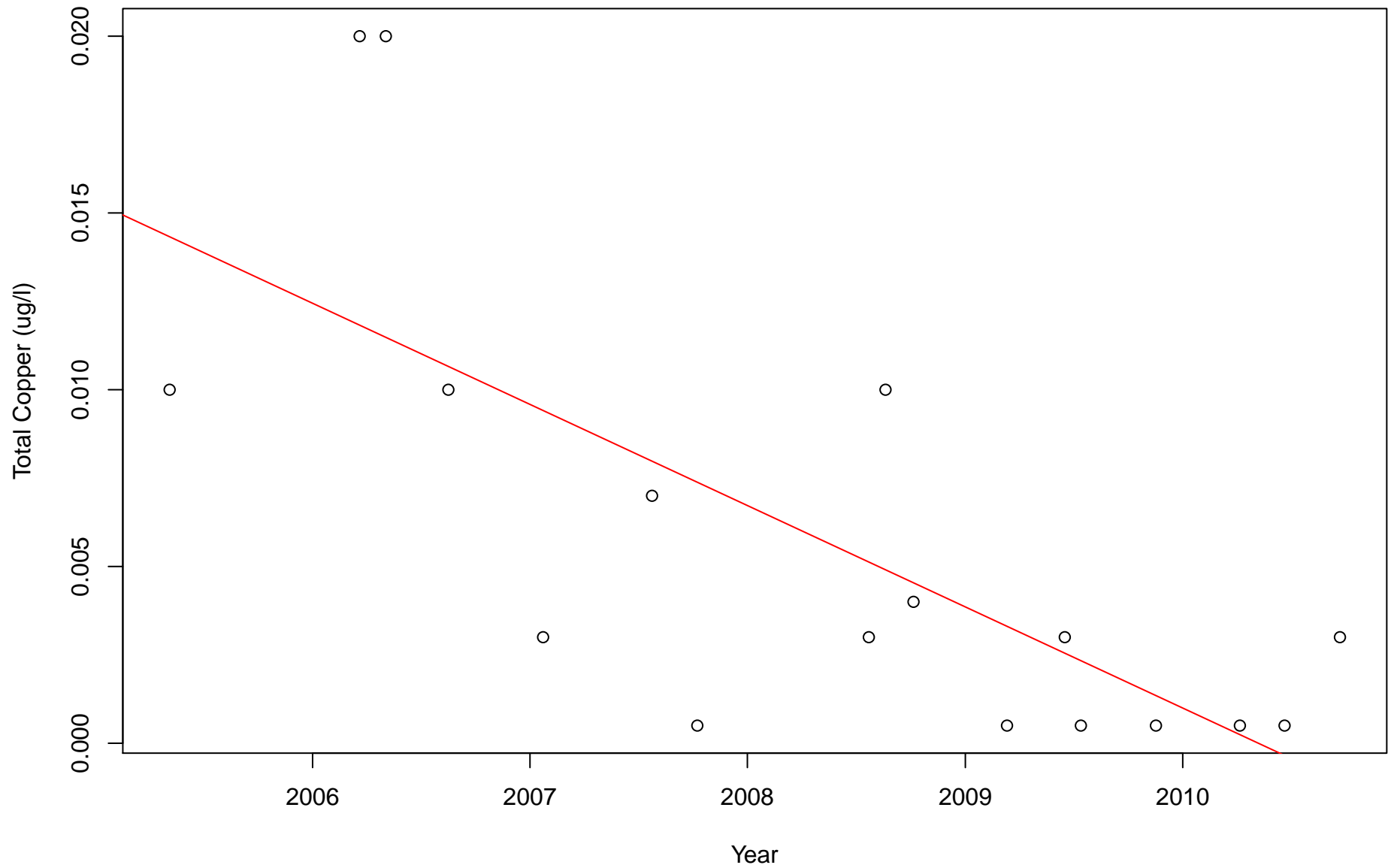


BA05MSI000SL05

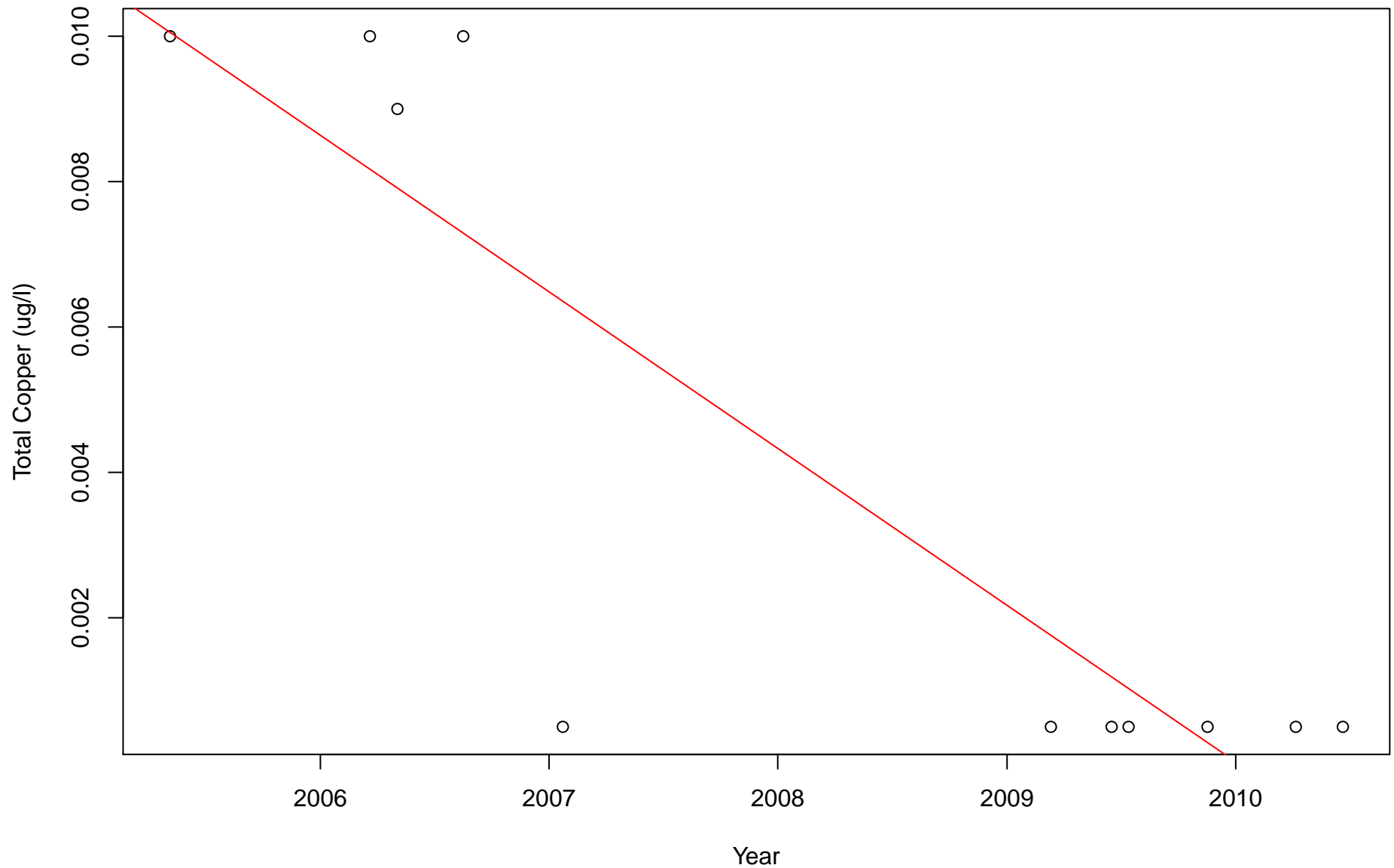


slope = -0.0149608399946579 ; p-value = 0.410934352700485

BA05MSI000SL06

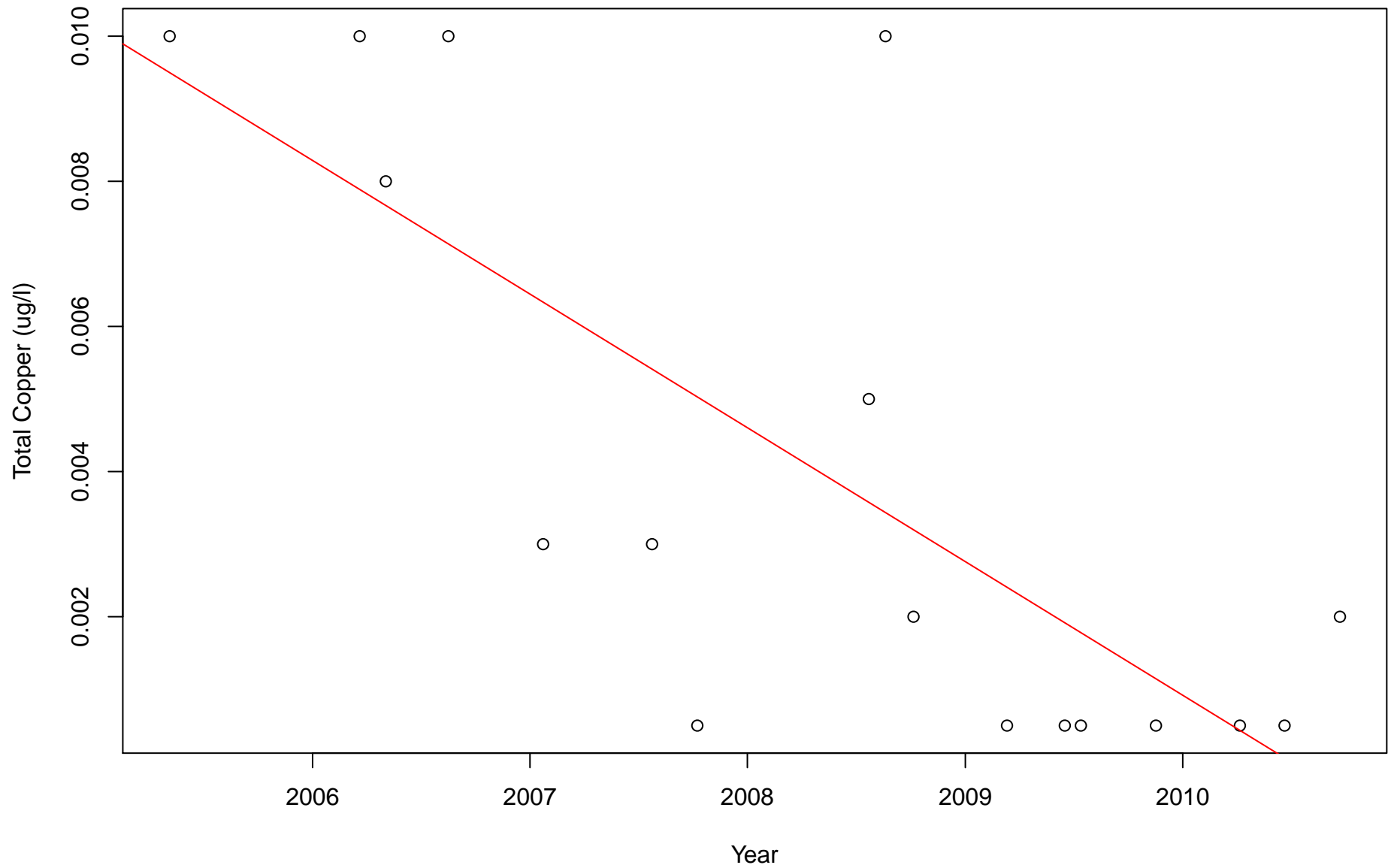


BA05MSI000SL07



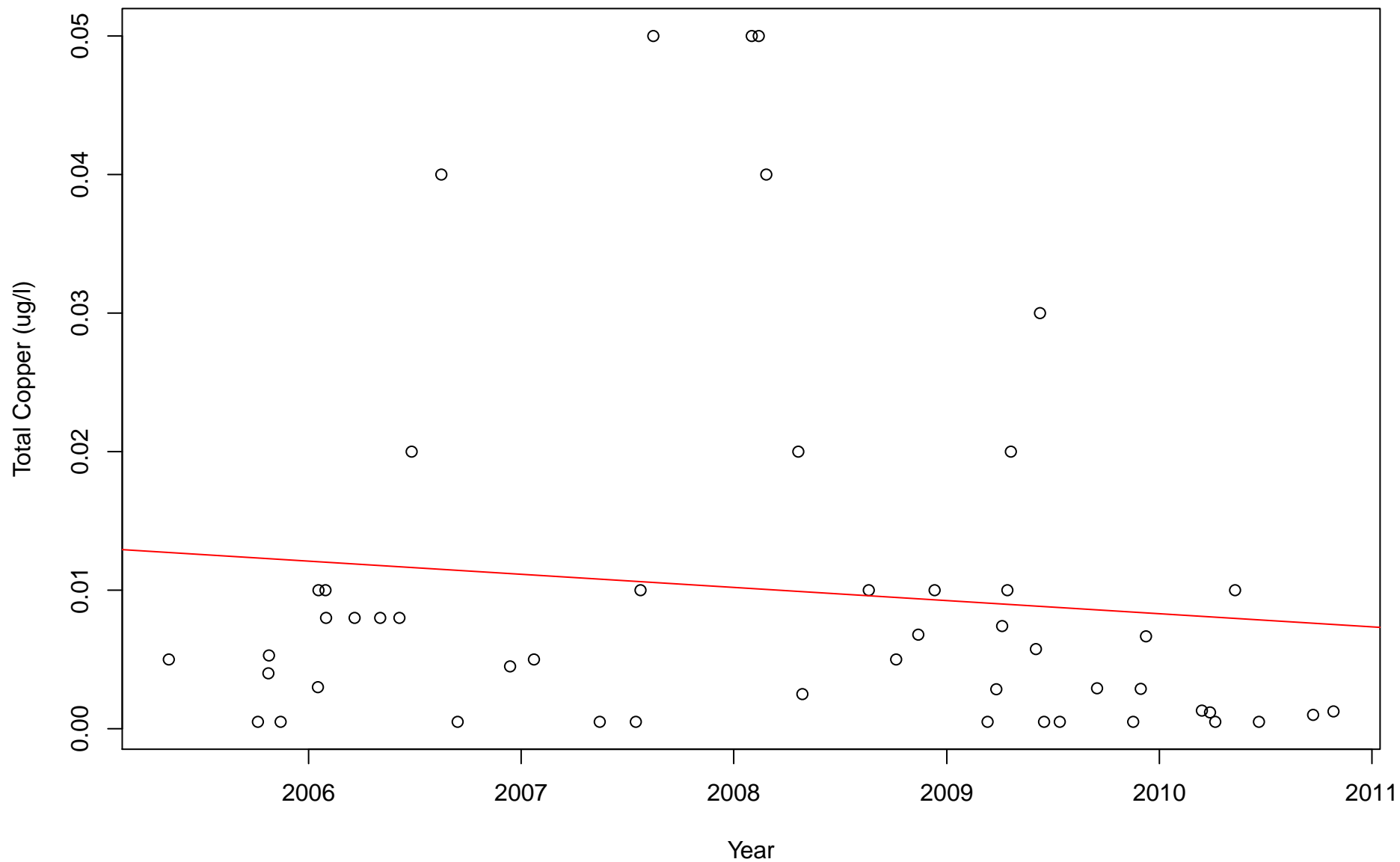
slope = -0.00215338548225944 ; p-value = 0.000444375052683283

BA05MSI000SL08



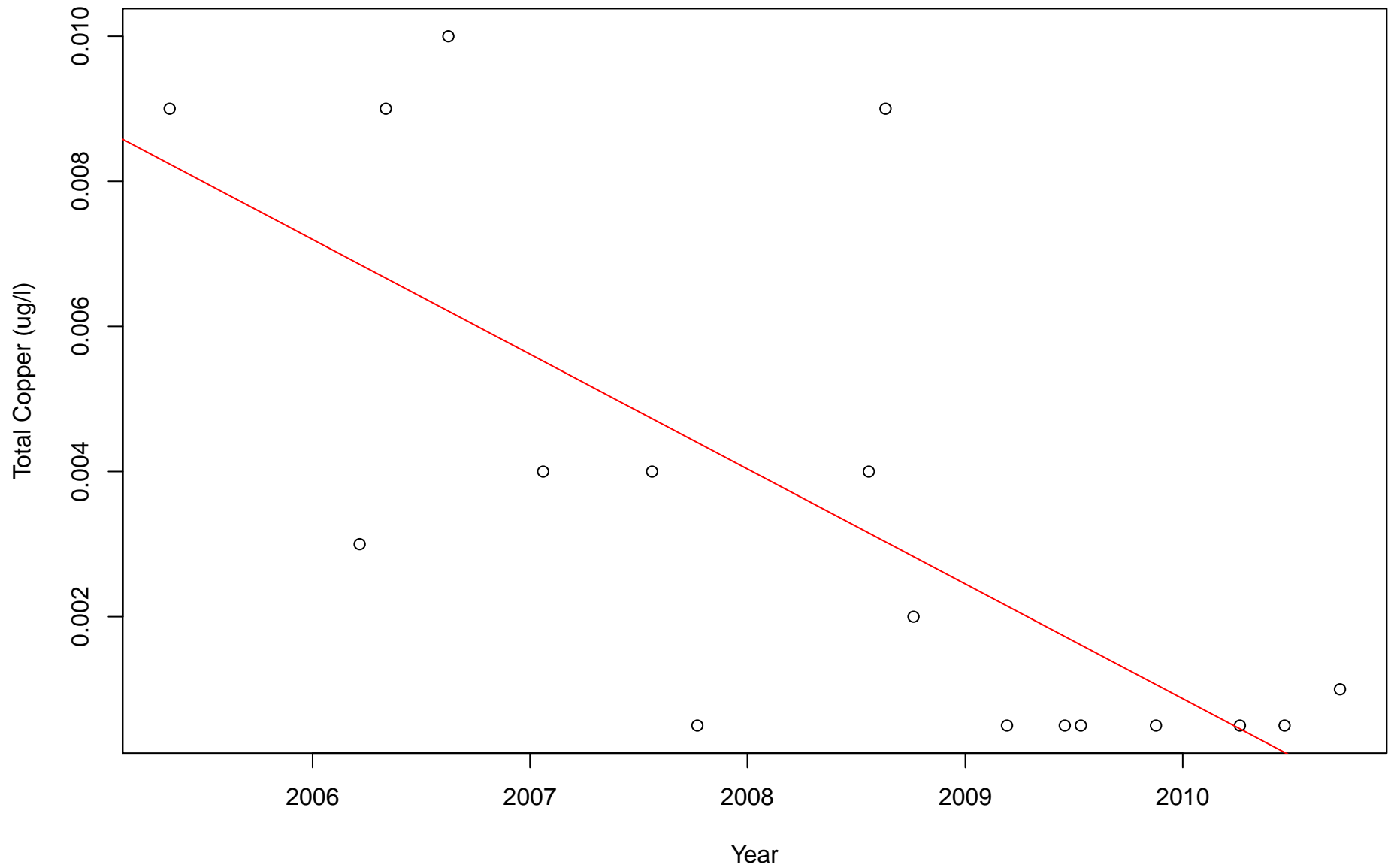
slope = -0.00184104103827537; p-value = 0.000472690222510835

BA05MSI000SL09



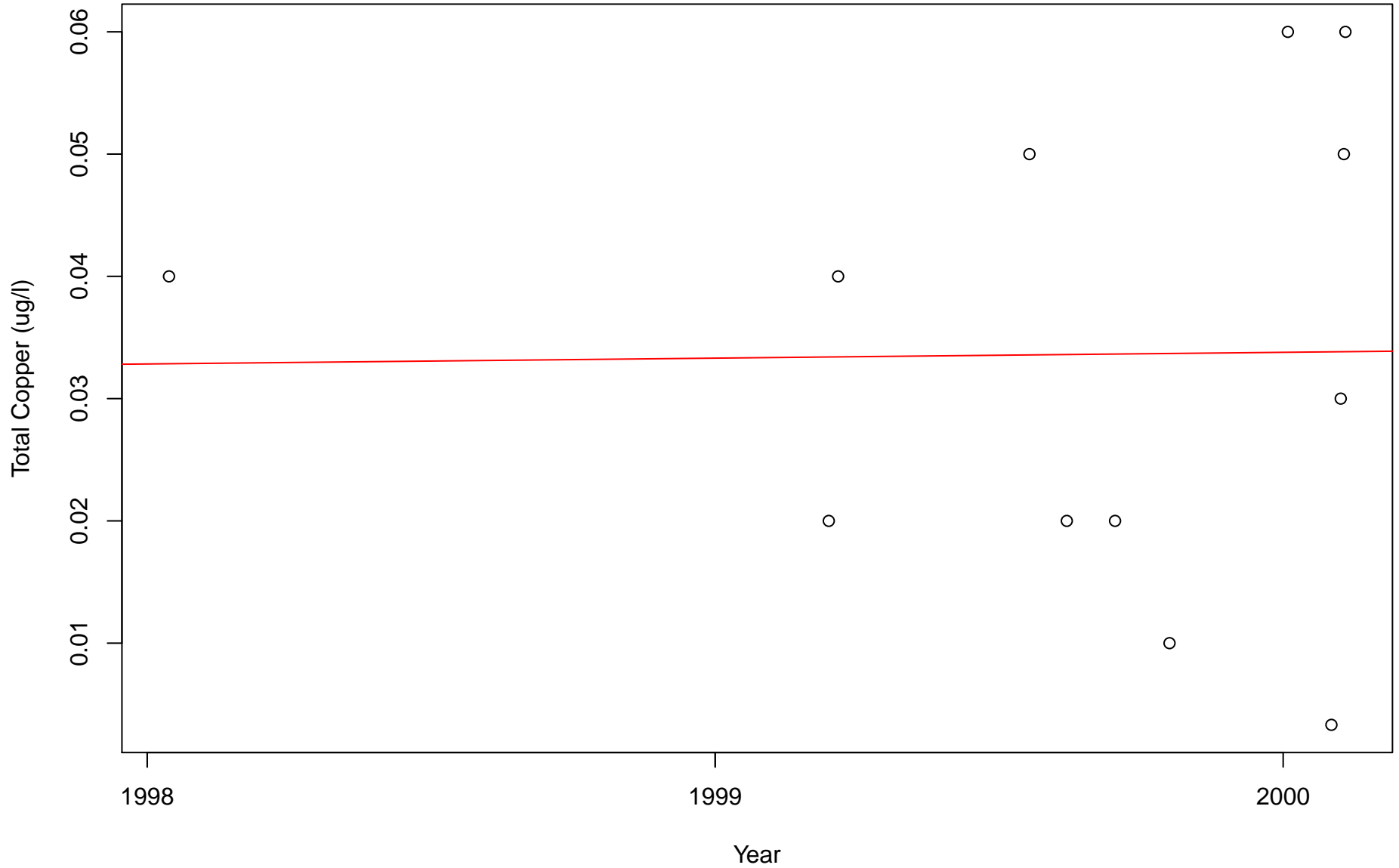
slope = -0.000948146136610433 ; p-value = 0.428922193071707

BA05MSI000SL10



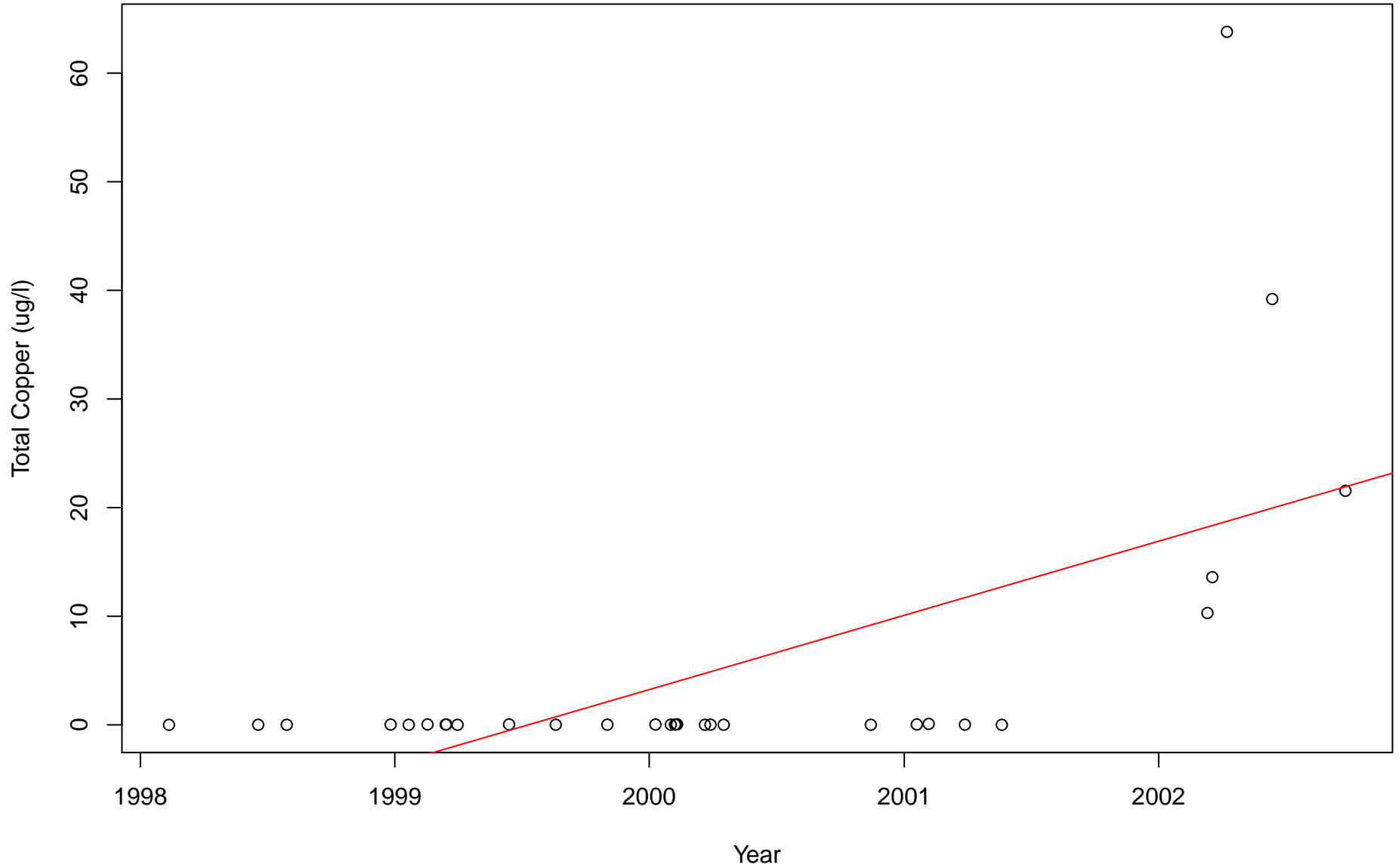
slope = -0.00158094279120428; p-value = 0.00102624974462038

BA98MSI000LQ3



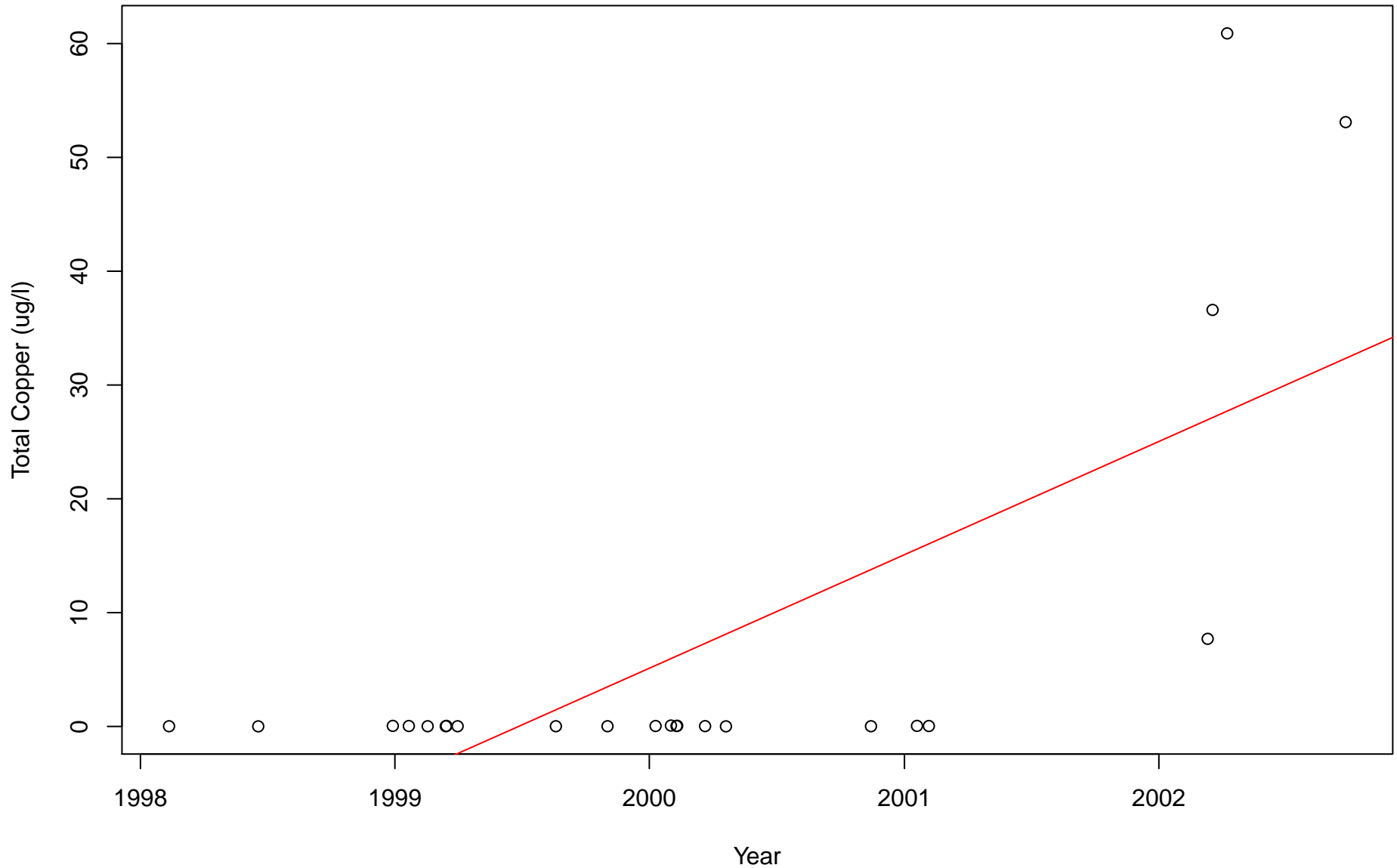
slope = 0.000475971895533133; p-value = 0.963412150808916

BA98MSI000SB2



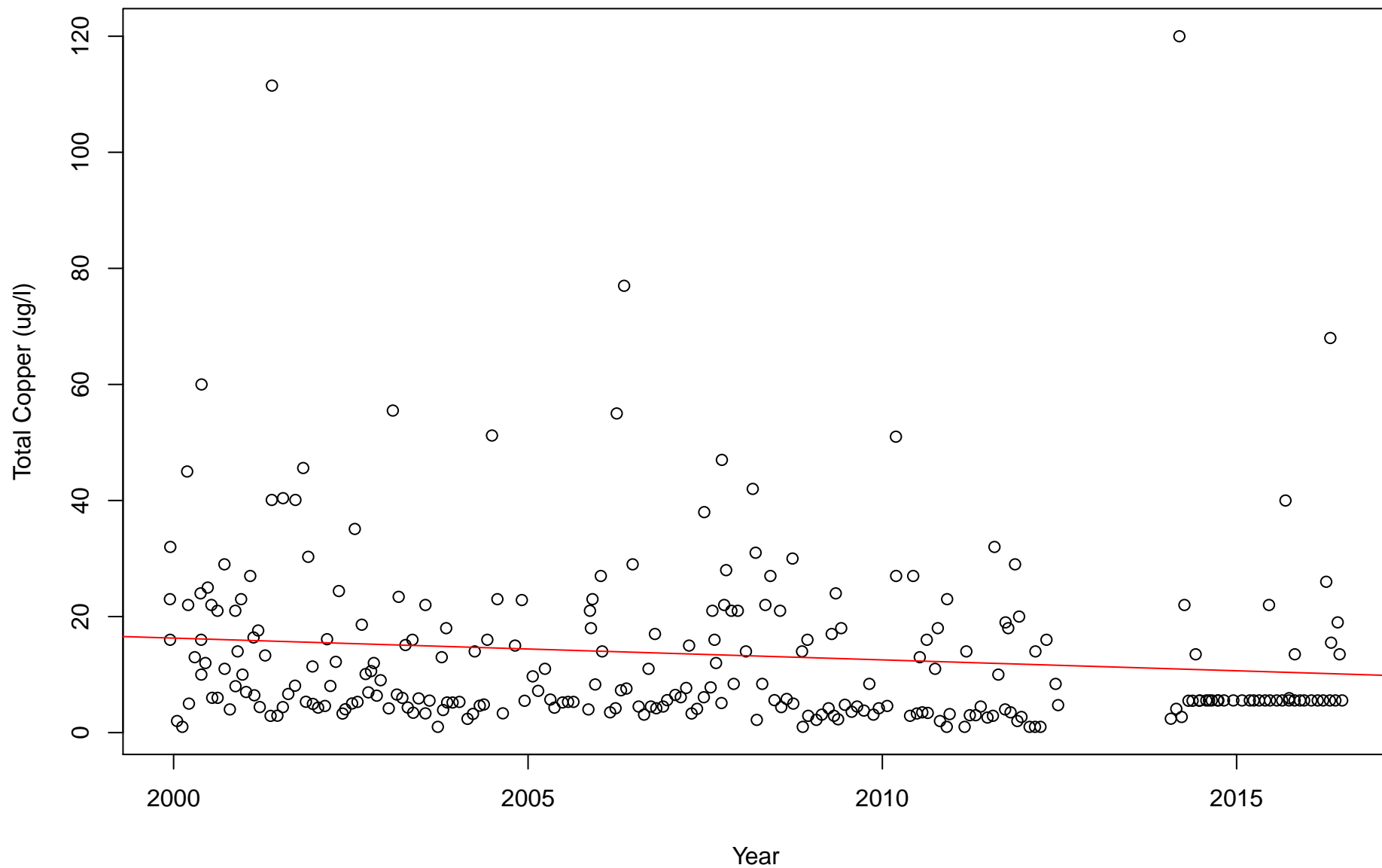
slope = 6.82189165888449; p-value = 0.000271960752362722

BA98MSI000SB3



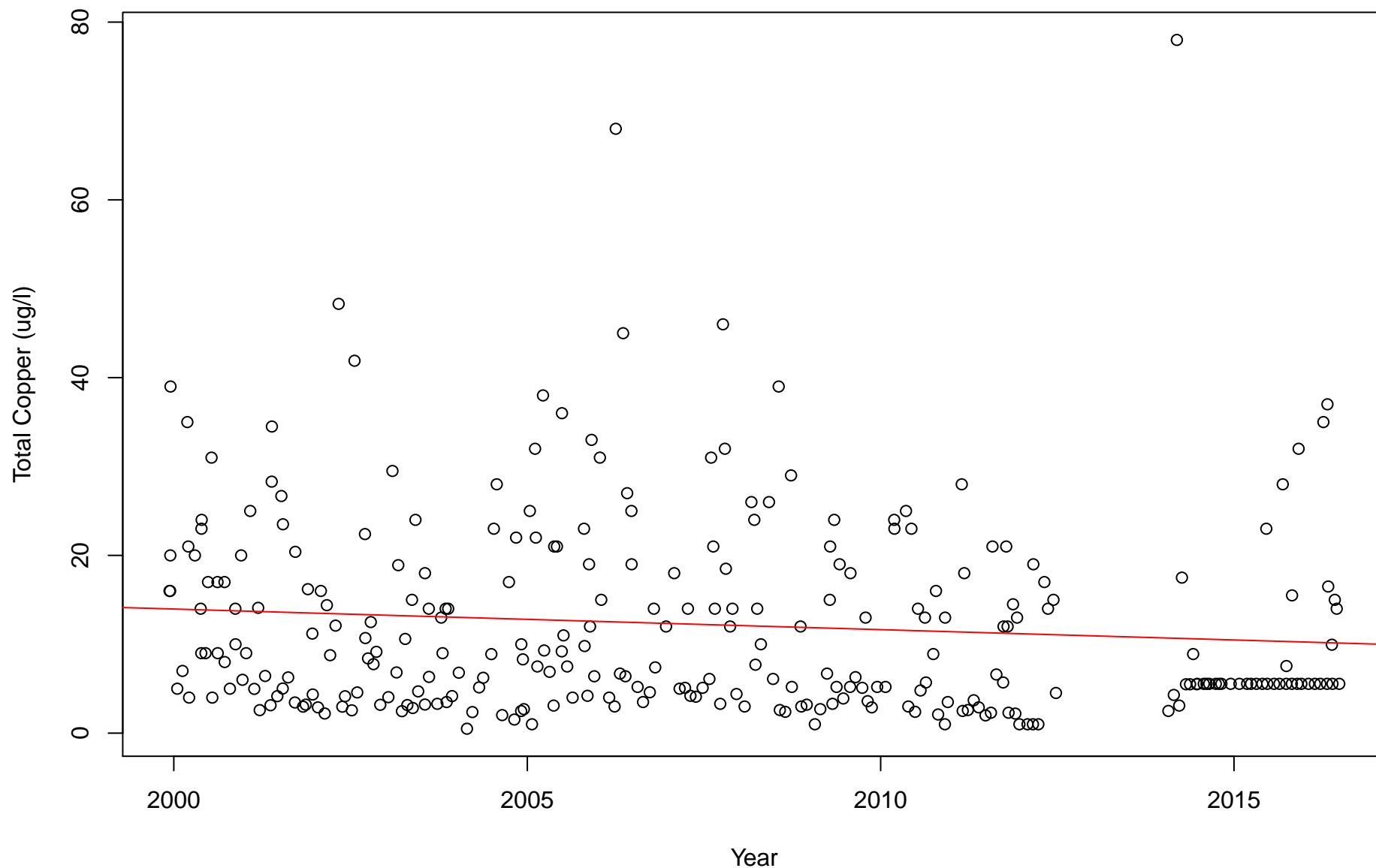
slope = 9.94873024027346; p-value = 0.000118636178667214

BC16MS000I81



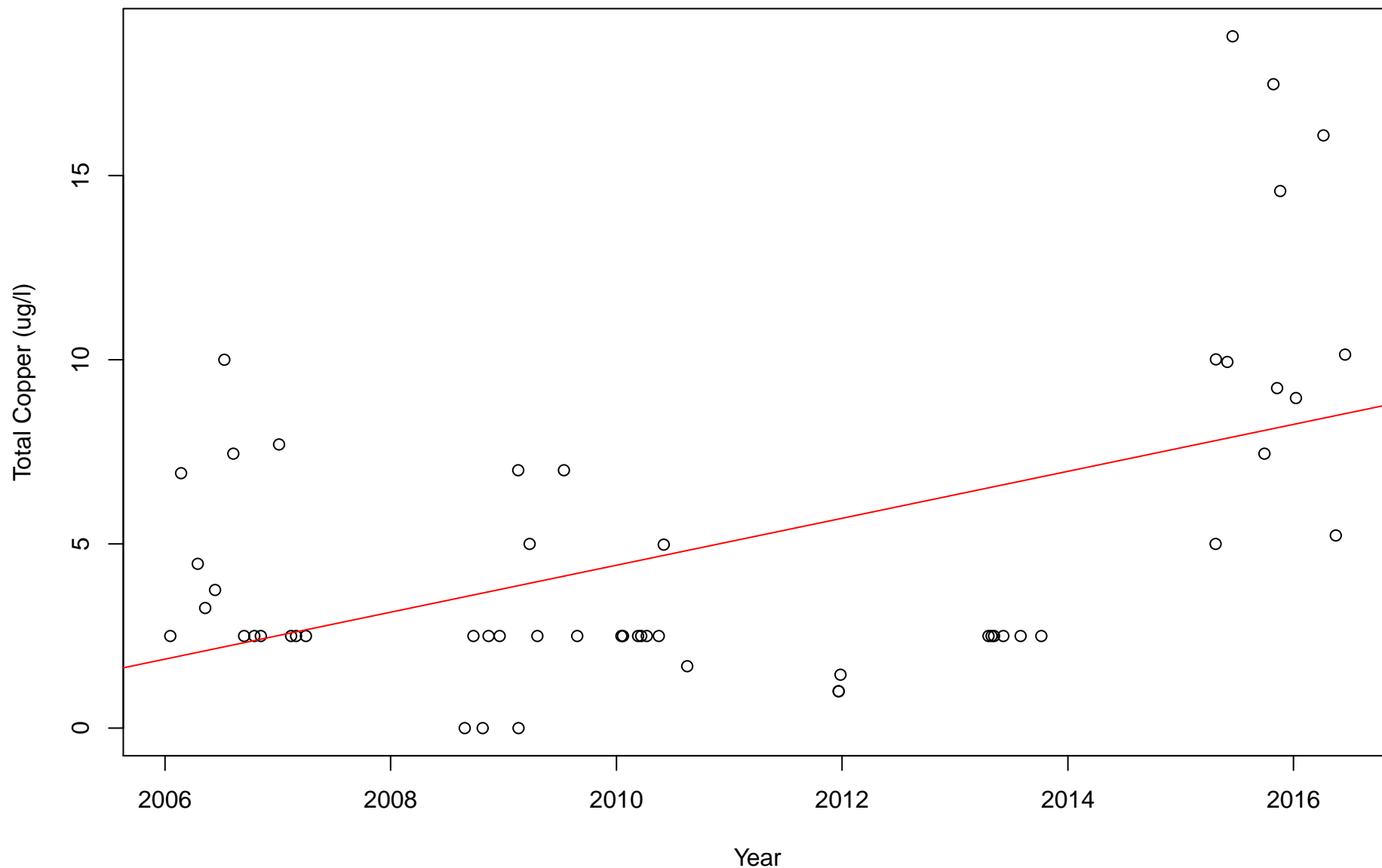
slope = -0.375328500010126 ; p-value = 0.0502062862783647

BC16MS000I82



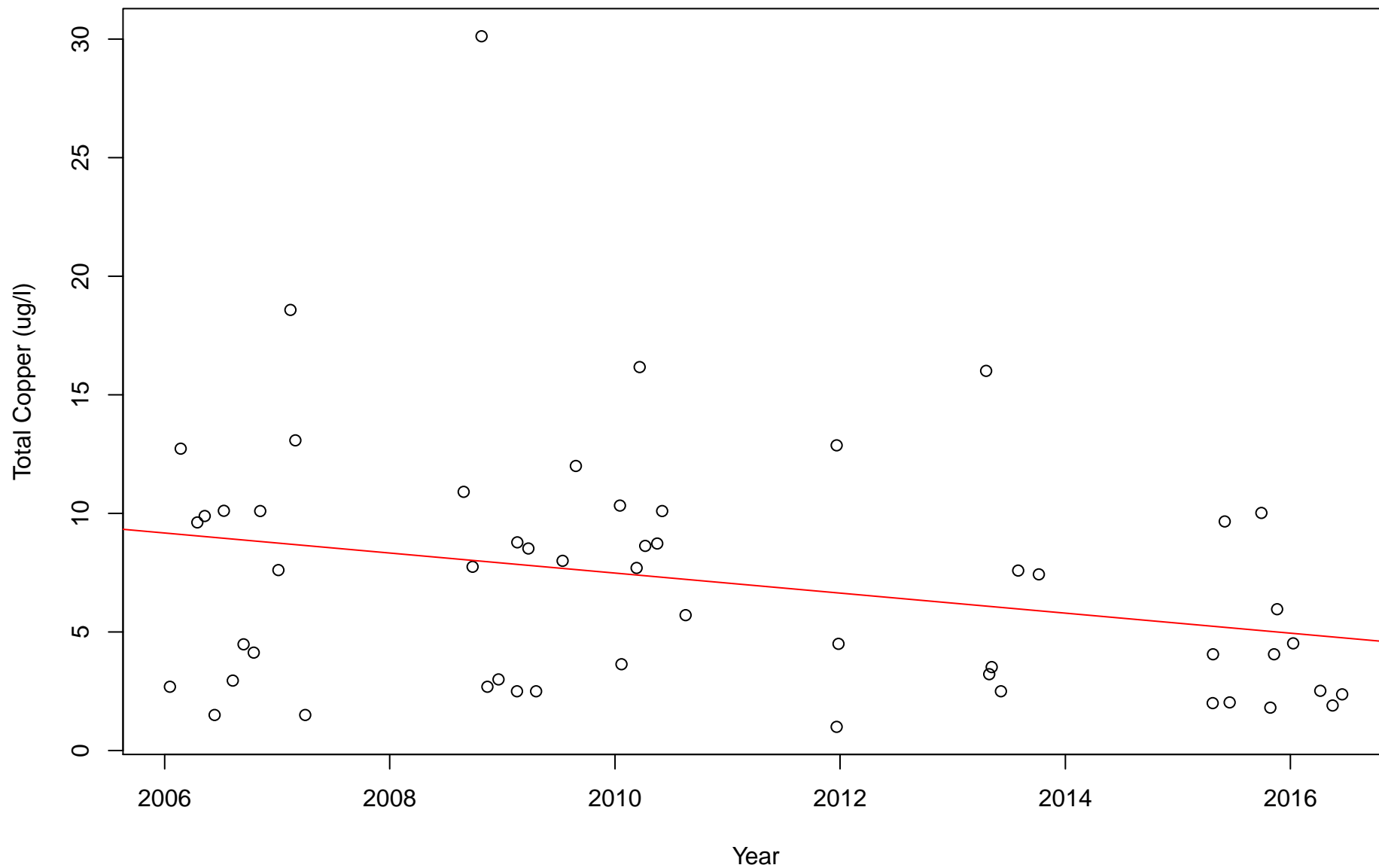
slope = -0.231977198746422 ; p-value = 0.0843551988782497

CC15MSI000001



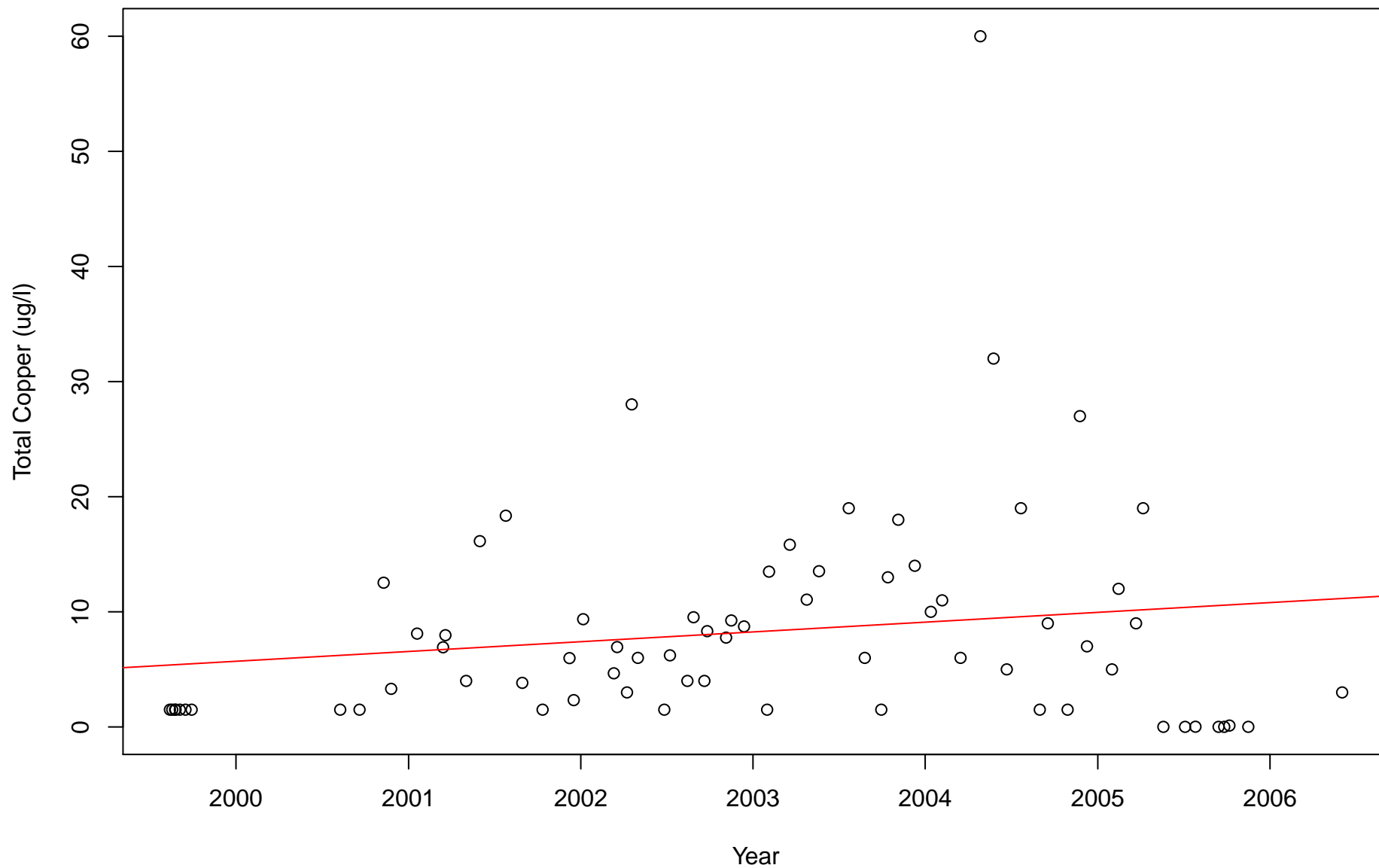
slope = 0.636877332127364; p-value = 0.000108027325744103

CC15MSI000002



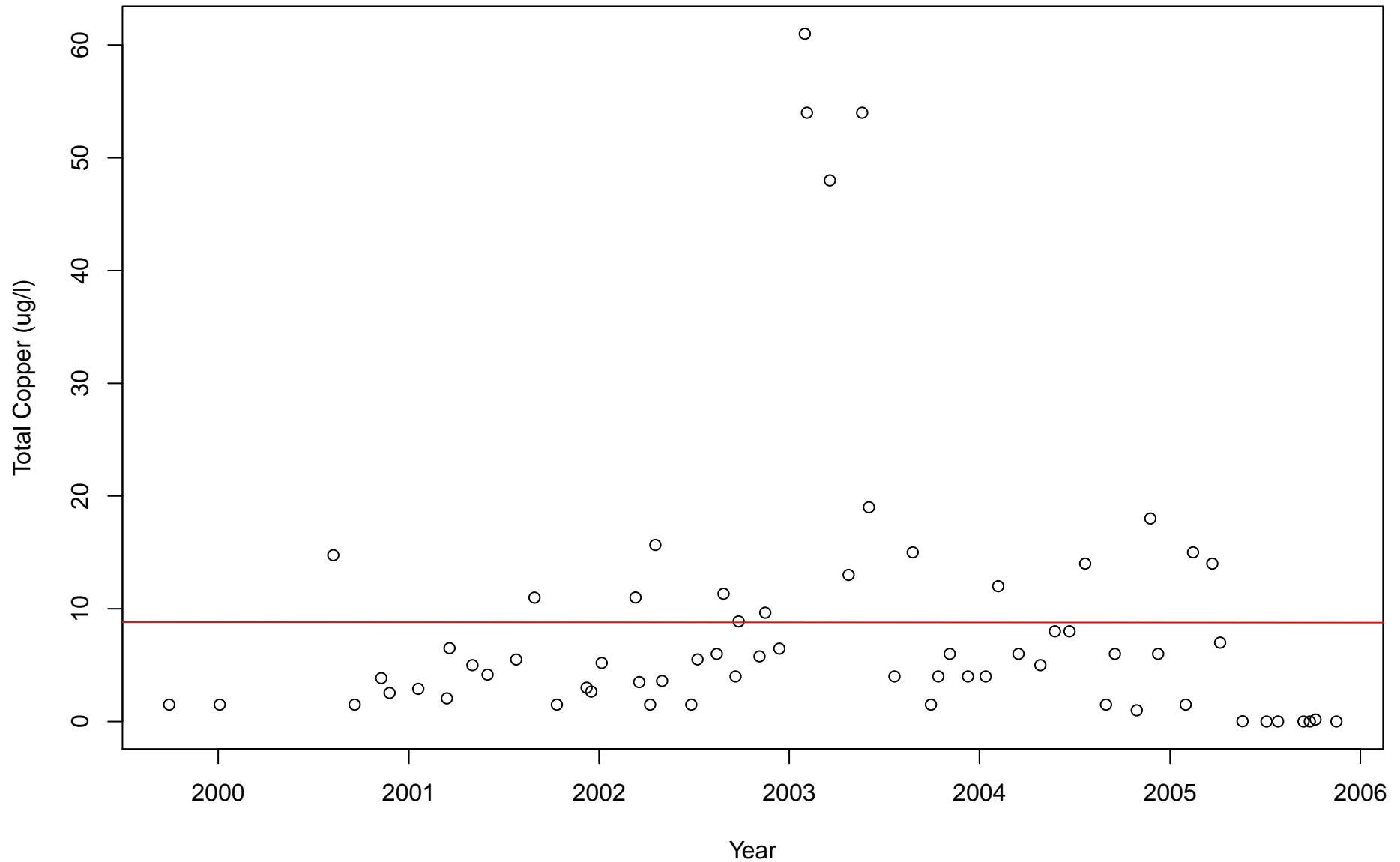
slope = -0.422141125860948 ; p-value = 0.0467871246996477

CH99MSI000096



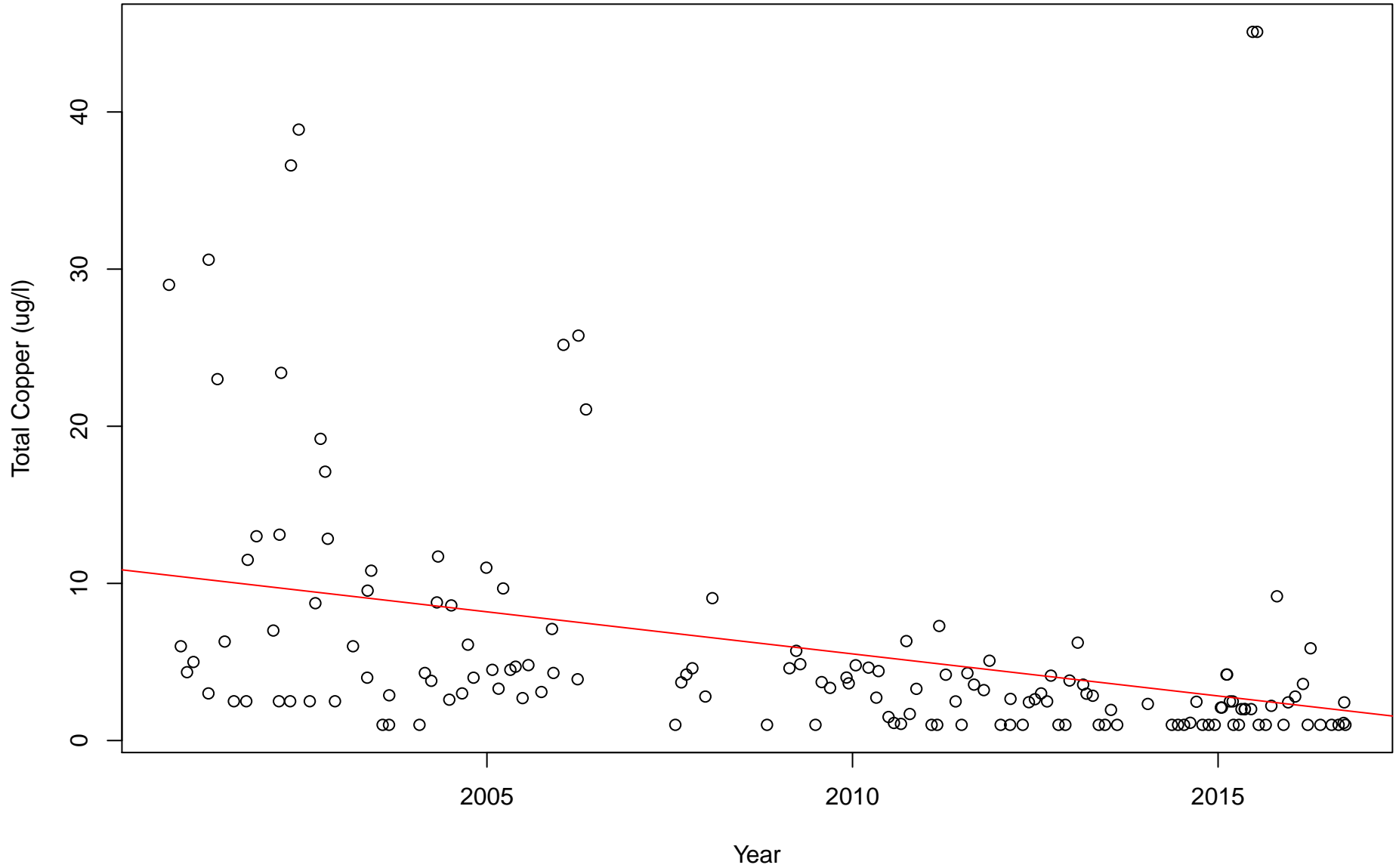
slope = 0.848827993047357; p-value = 0.166639000878732

CH99MSI000162



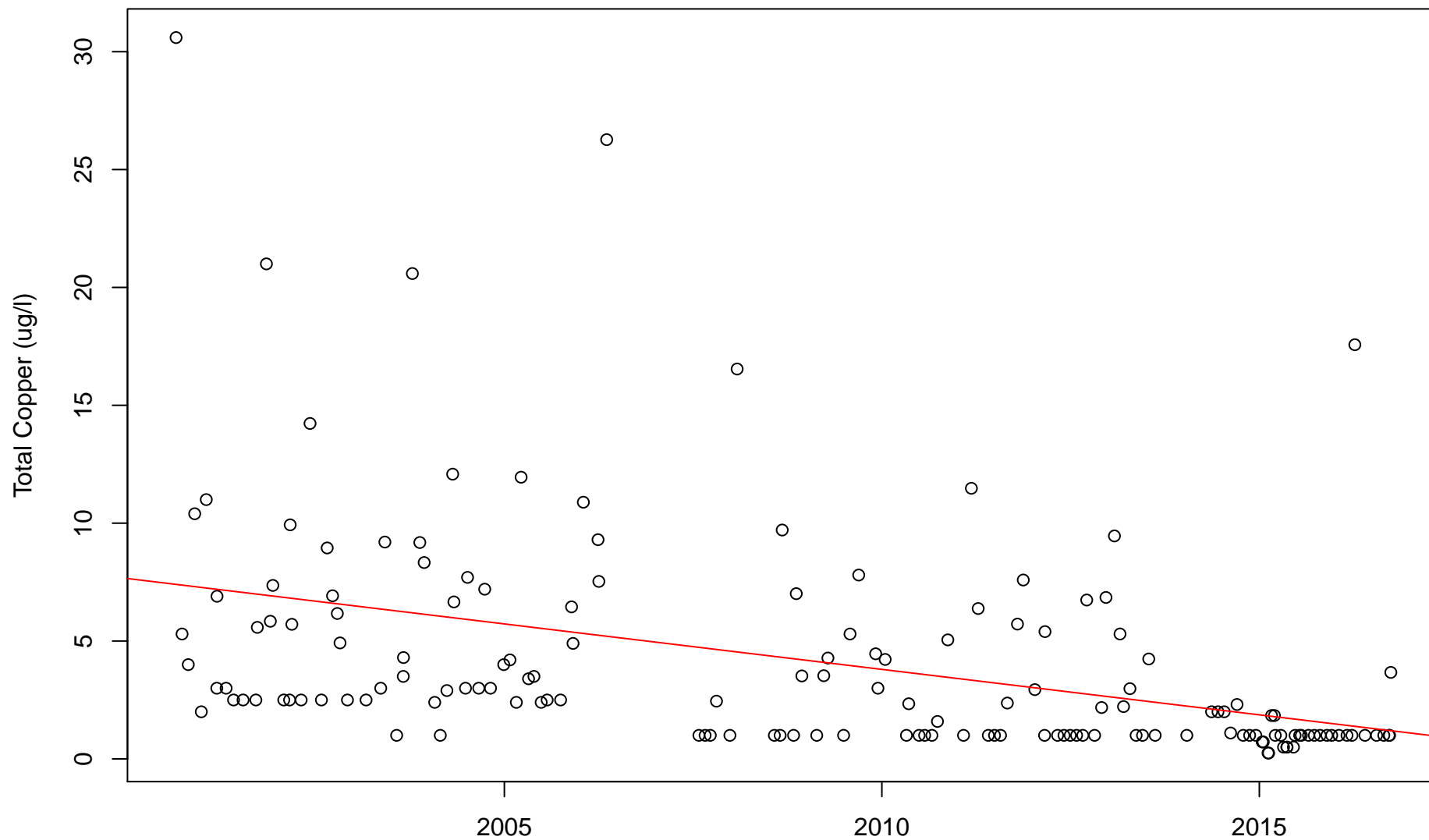
slope = -0.00743029354748225; p-value = 0.994050562838104

CR15MSI000003



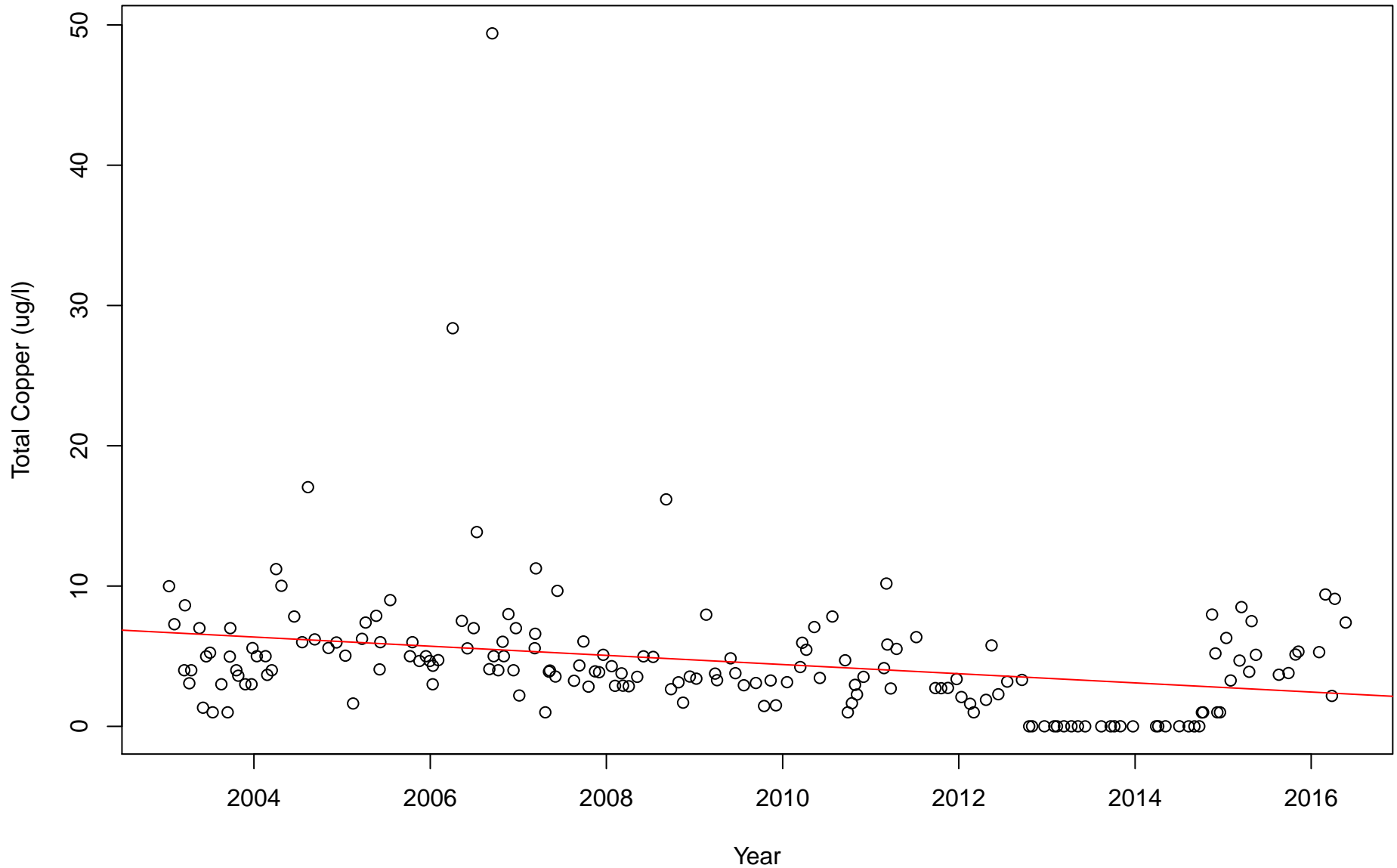
slope = -0.535003624487013 ; p-value = $2.56937917797444\text{e-}05$

CR15MSI000004



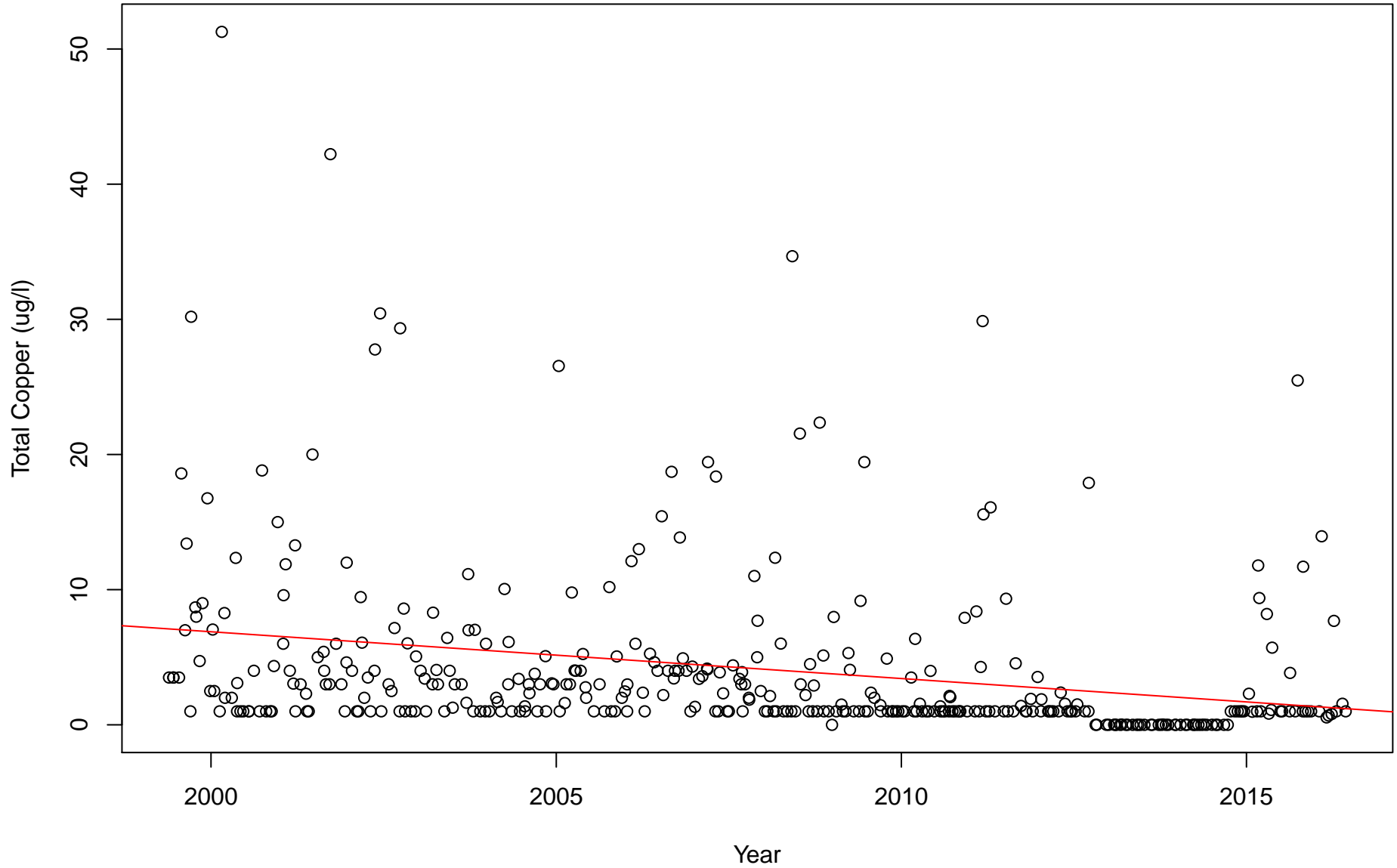
Year
slope = -0.385472623426912; p-value = 5.62870111992317e-08

FR02MSI000059



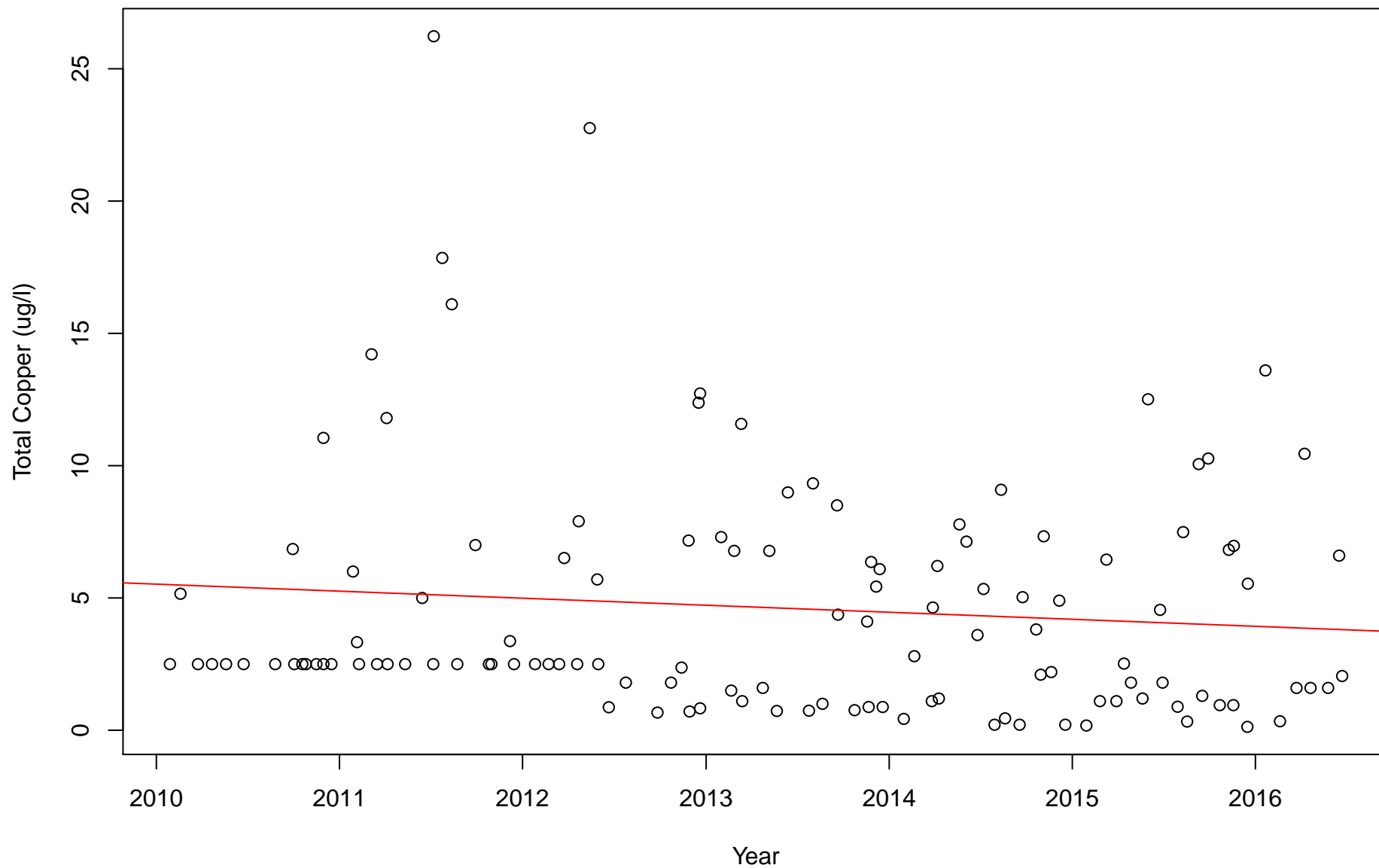
slope = -0.326660655391302; p-value = 0.000383948958901846

FR99MSI000058



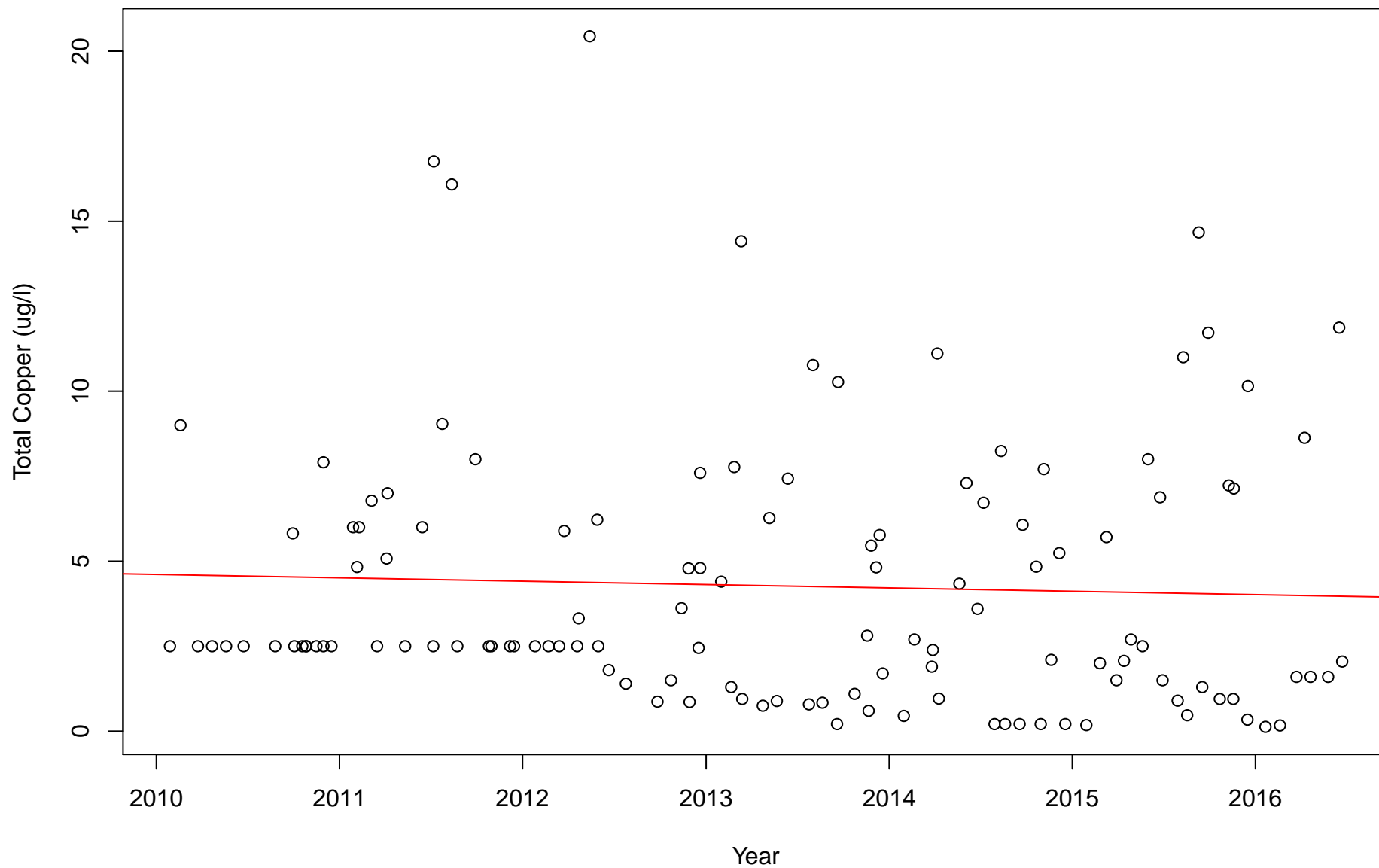
slope = -0.345790484942808 ; p-value = $1.98352672979073\text{e-}07$

HA10MSI0WC002



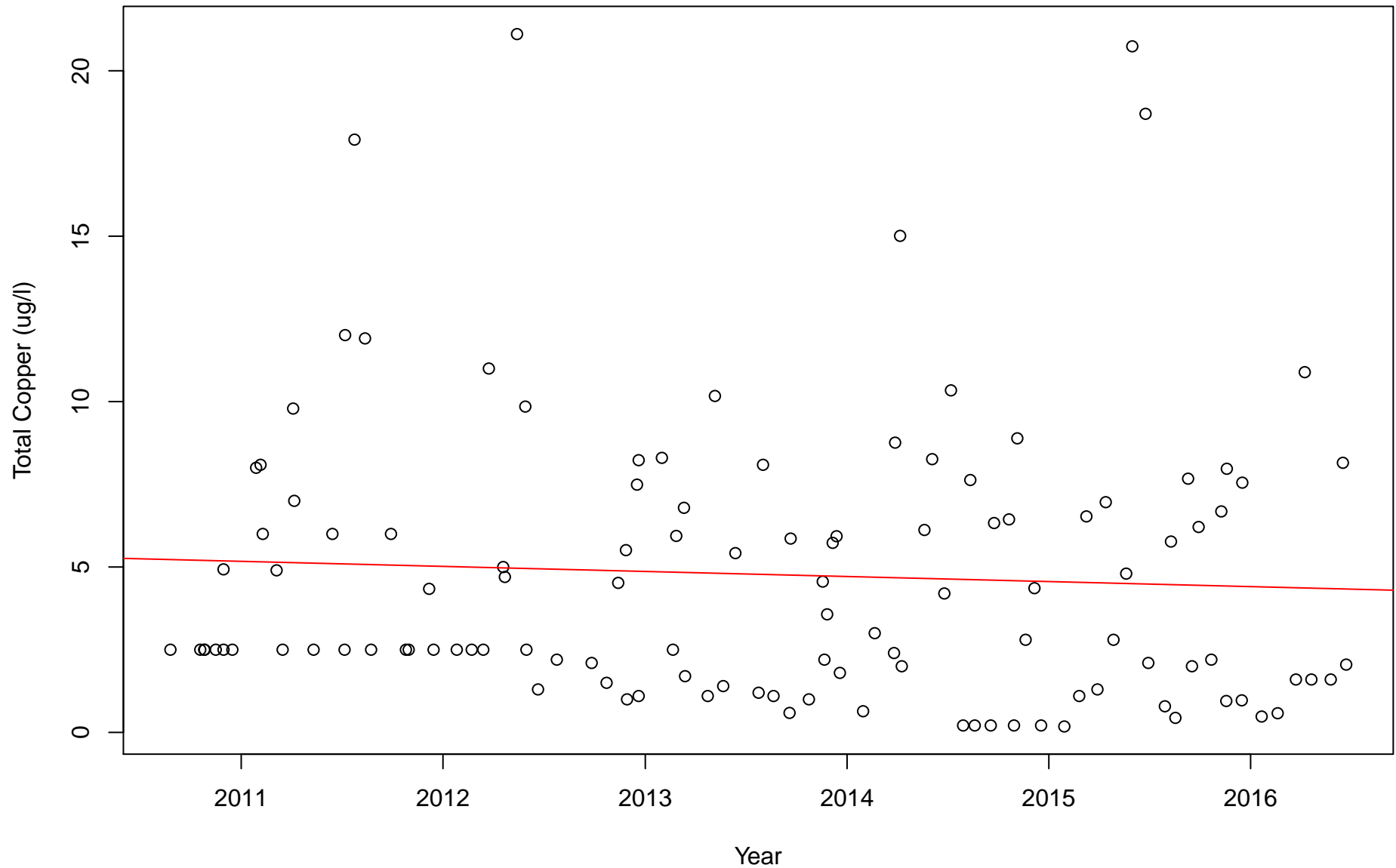
slope = -0.265327731812772 ; p-value = 0.23913882909131

HA10MSI0WC003



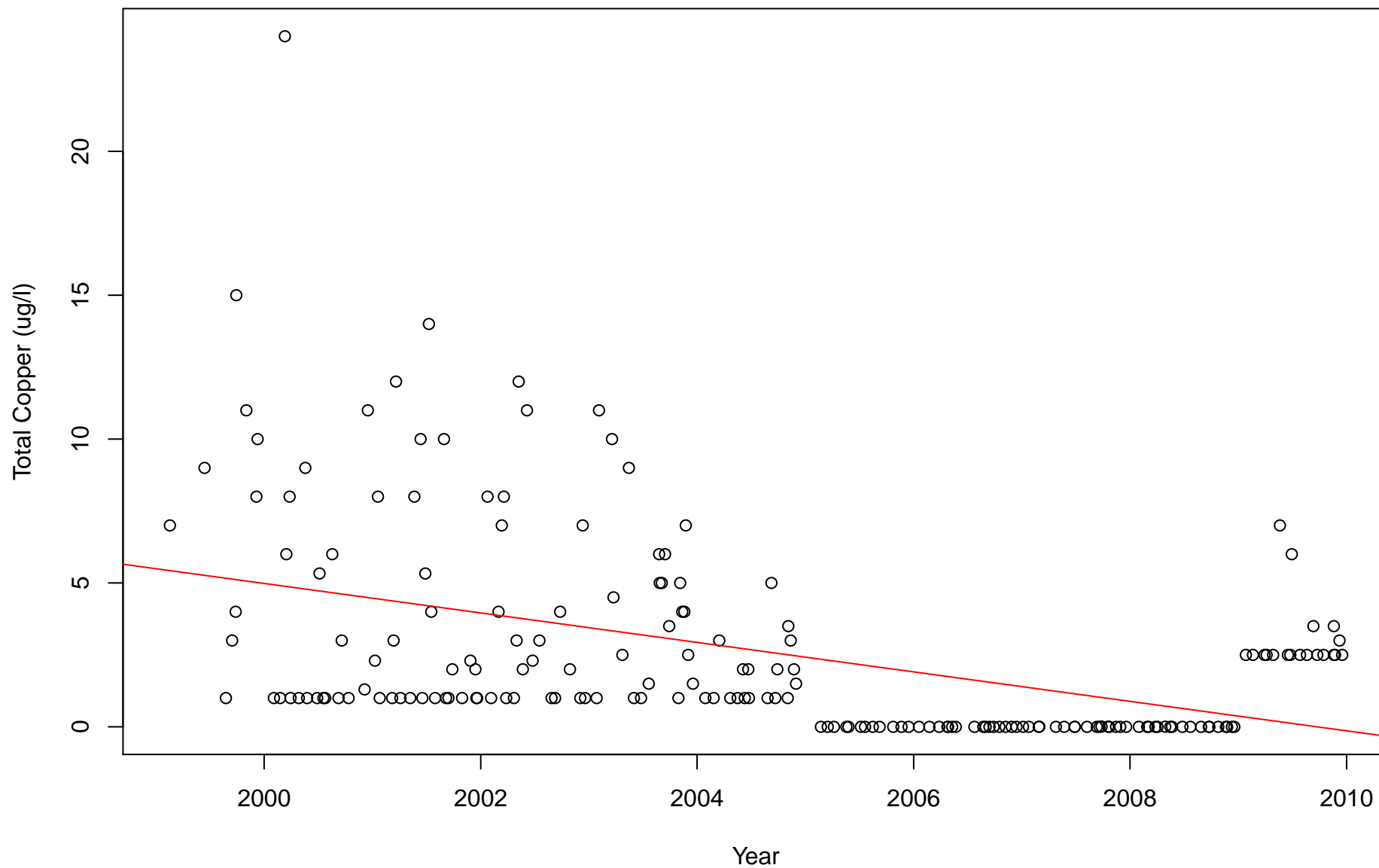
slope = -0.0990659365772605; p-value = 0.605531978381616

HA10MSI0WC004



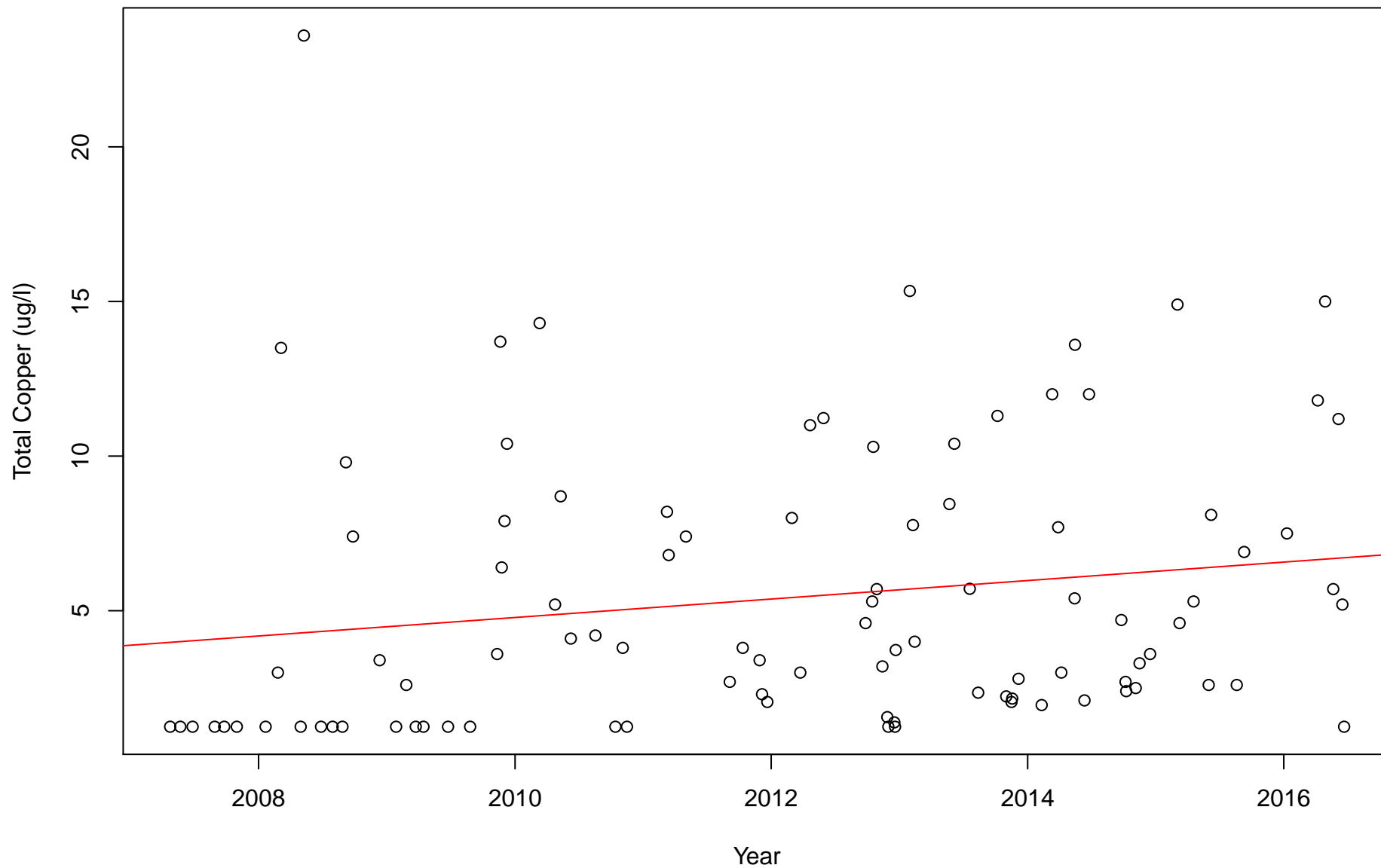
slope = -0.152750400445841; p-value = 0.510609057402425

HA99MSI000002



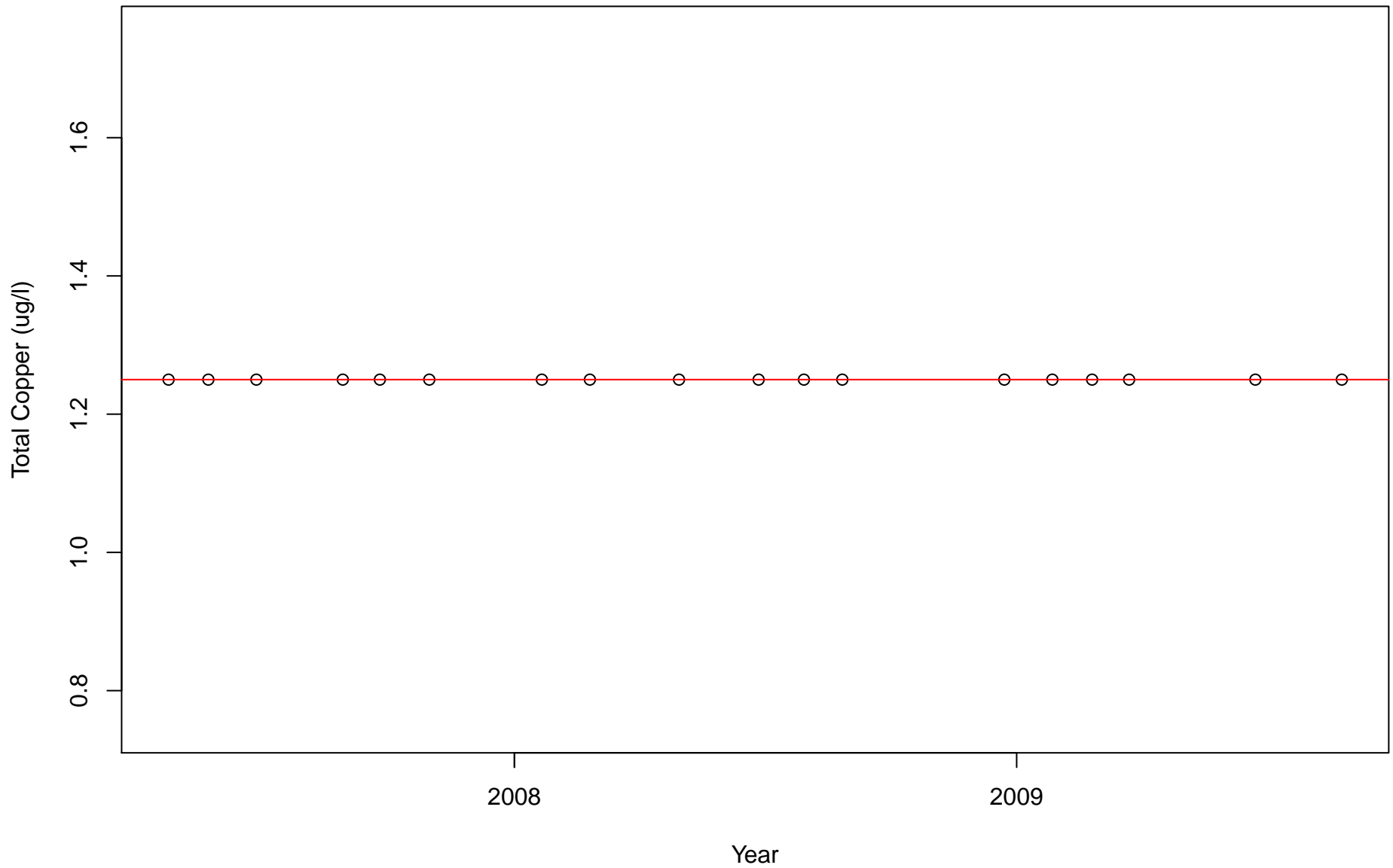
slope = -0.511838069367064; p-value = 9.25111642192615e-11

HO07MSI000035

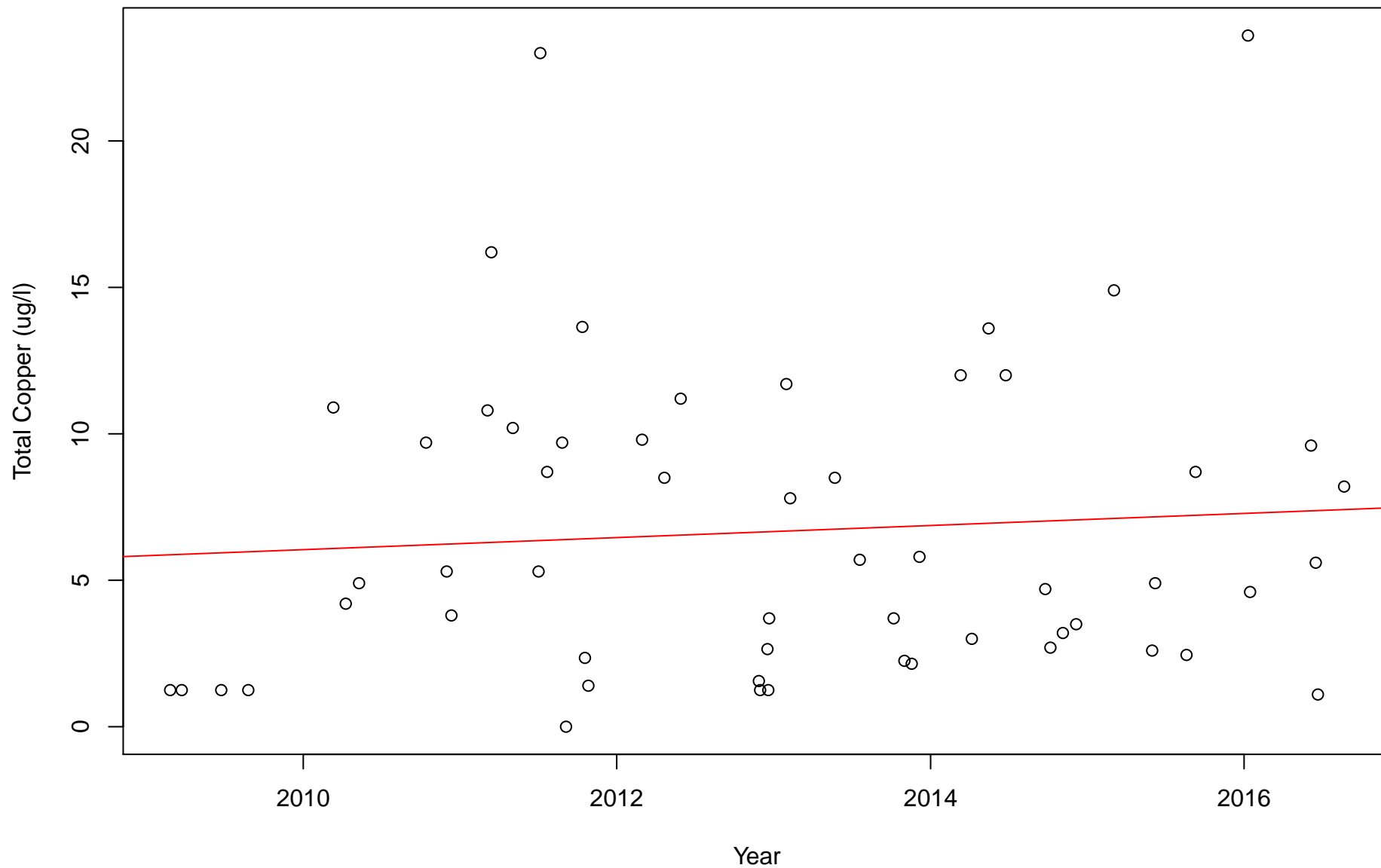


slope = 0.298405246591873; p-value = 0.079813582739791

HO07MSI0000CL

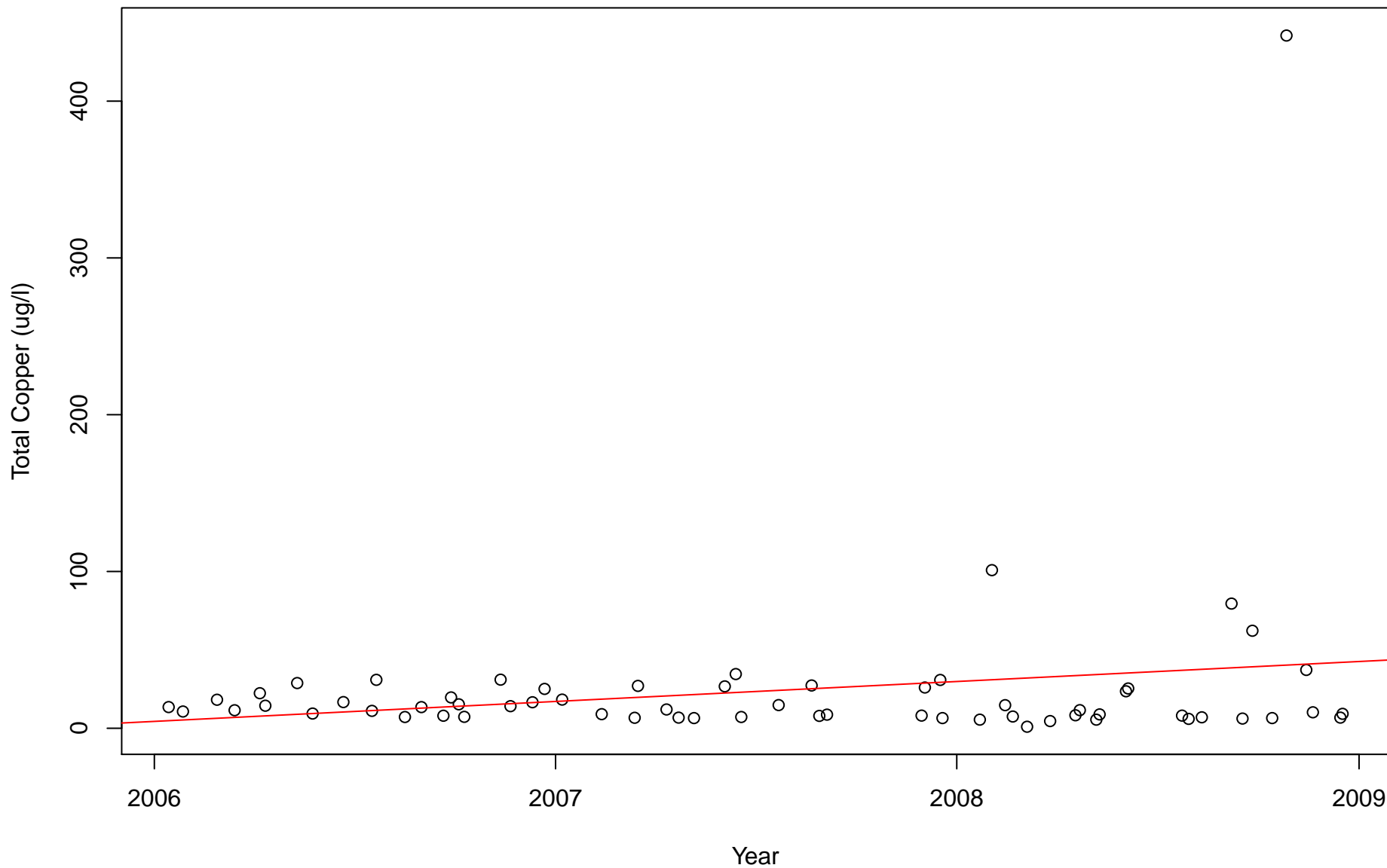


HO09MSI000036



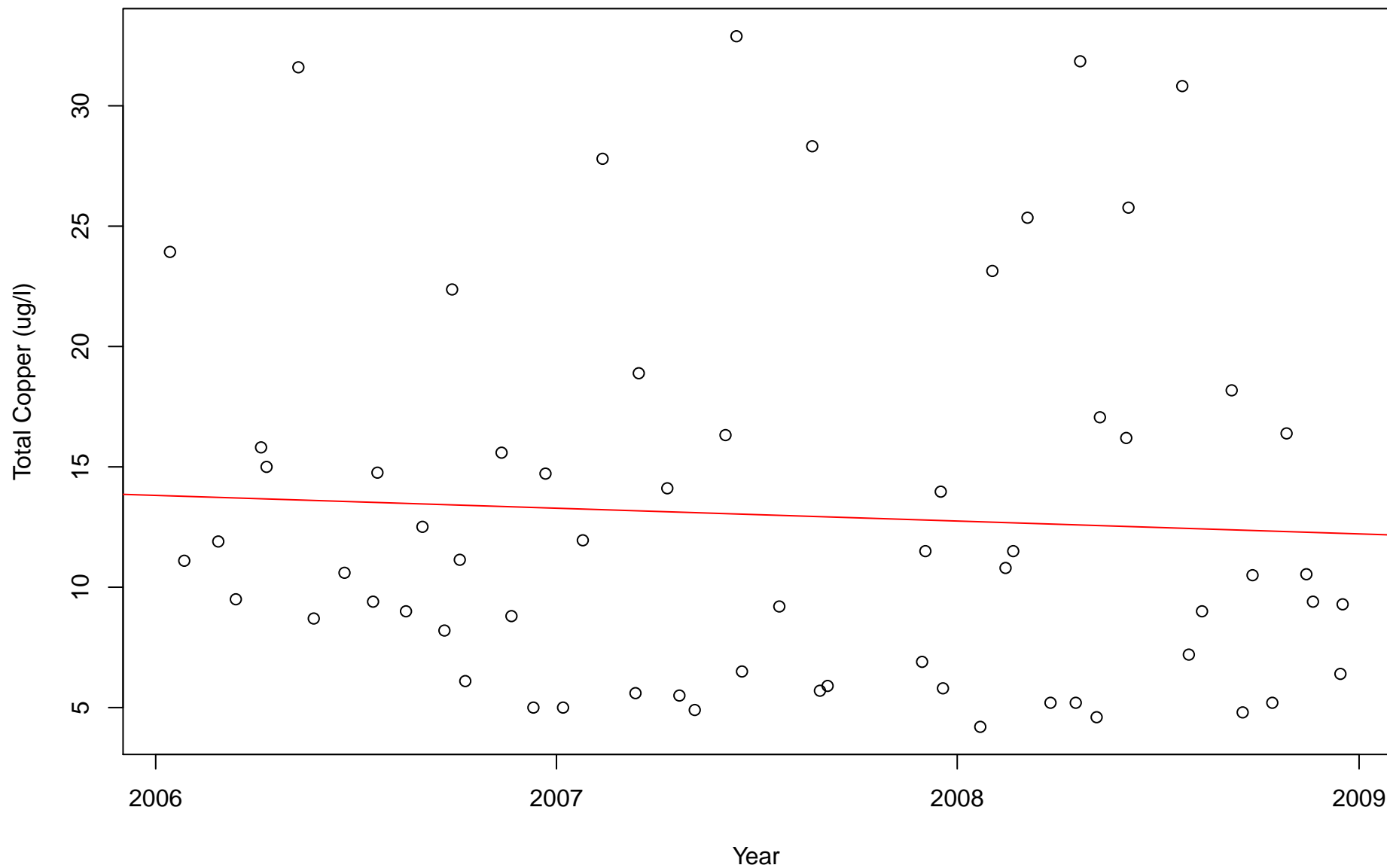
slope = 0.206071241977105; p-value = 0.553841412840934

MO02MSI000104



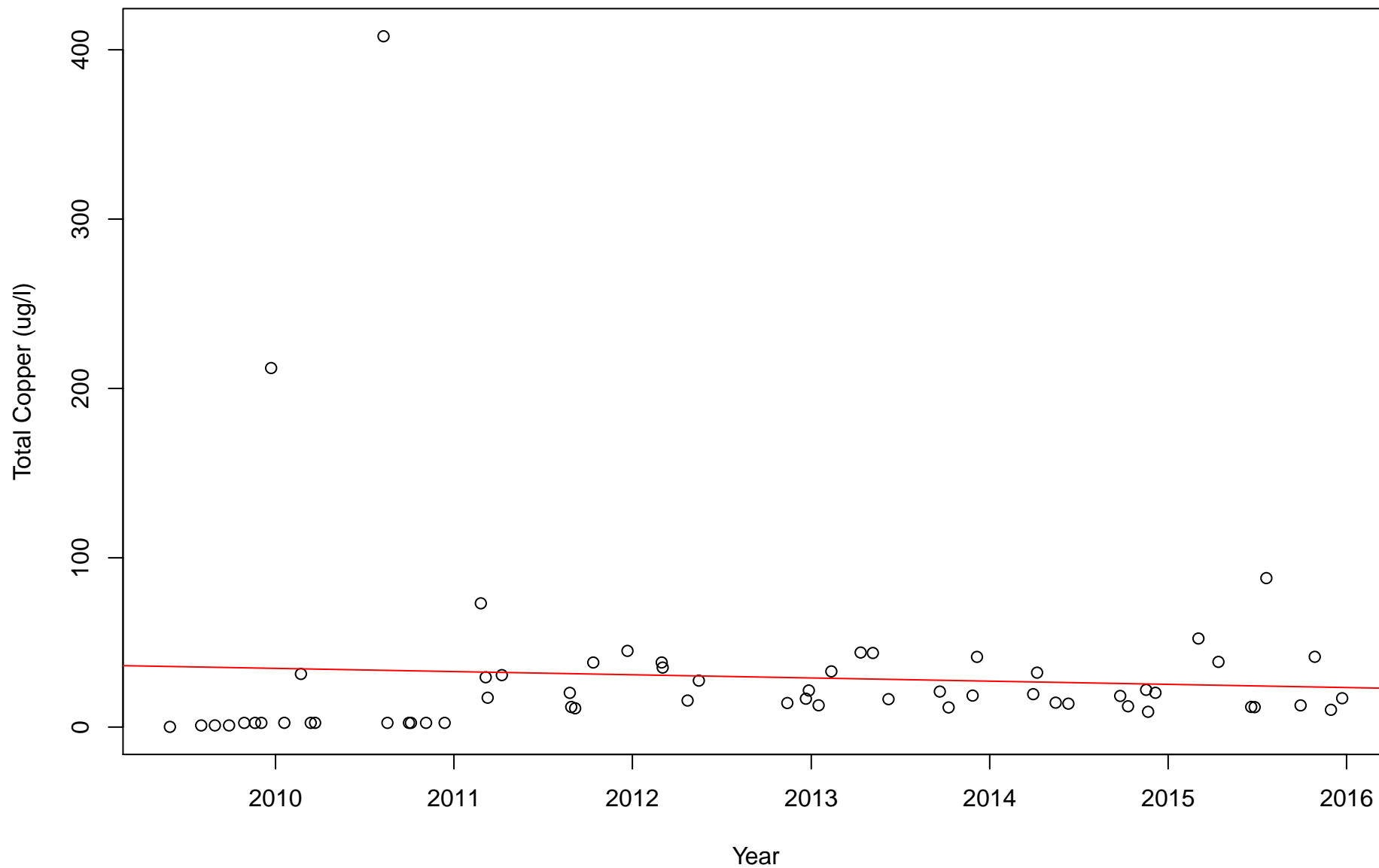
slope = 12.7218884399411; p-value = 0.114055497056633

MO02MSI000310



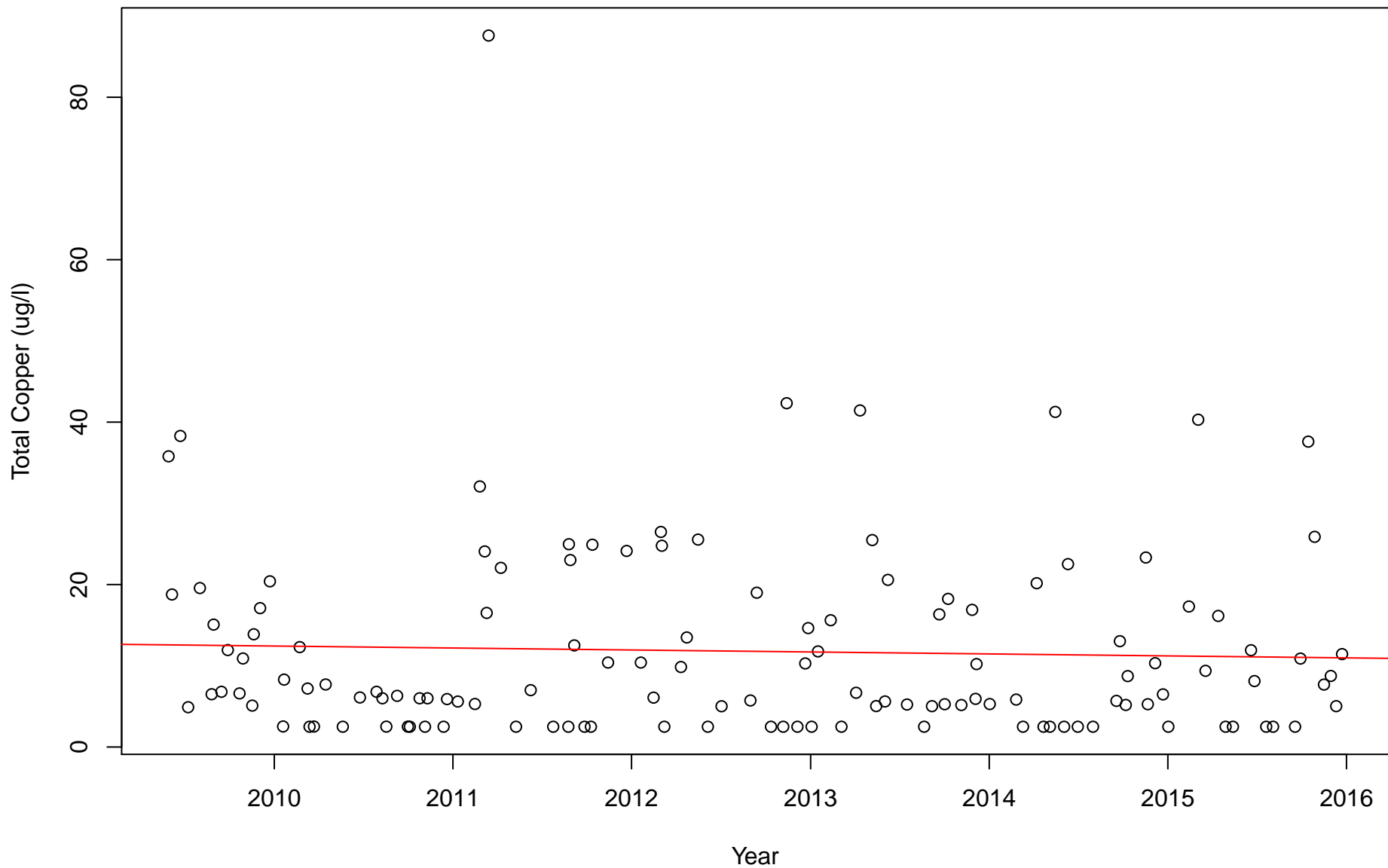
slope = -0.532880872100073 ; p-value = 0.638630067597784

MO09MSI000001



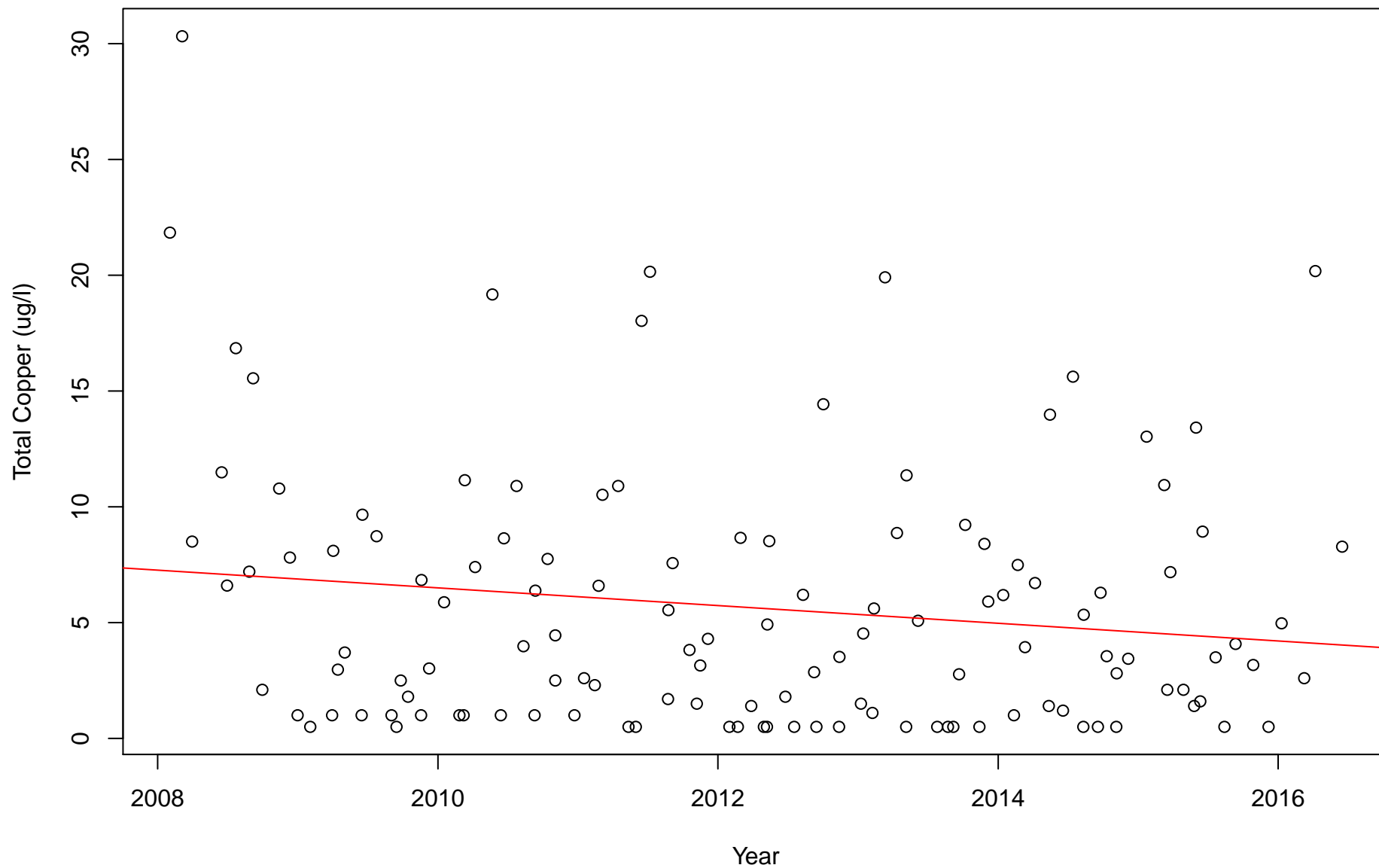
slope = -1.88577274812191 ; p-value = 0.610428157786814

MO09MSI000002



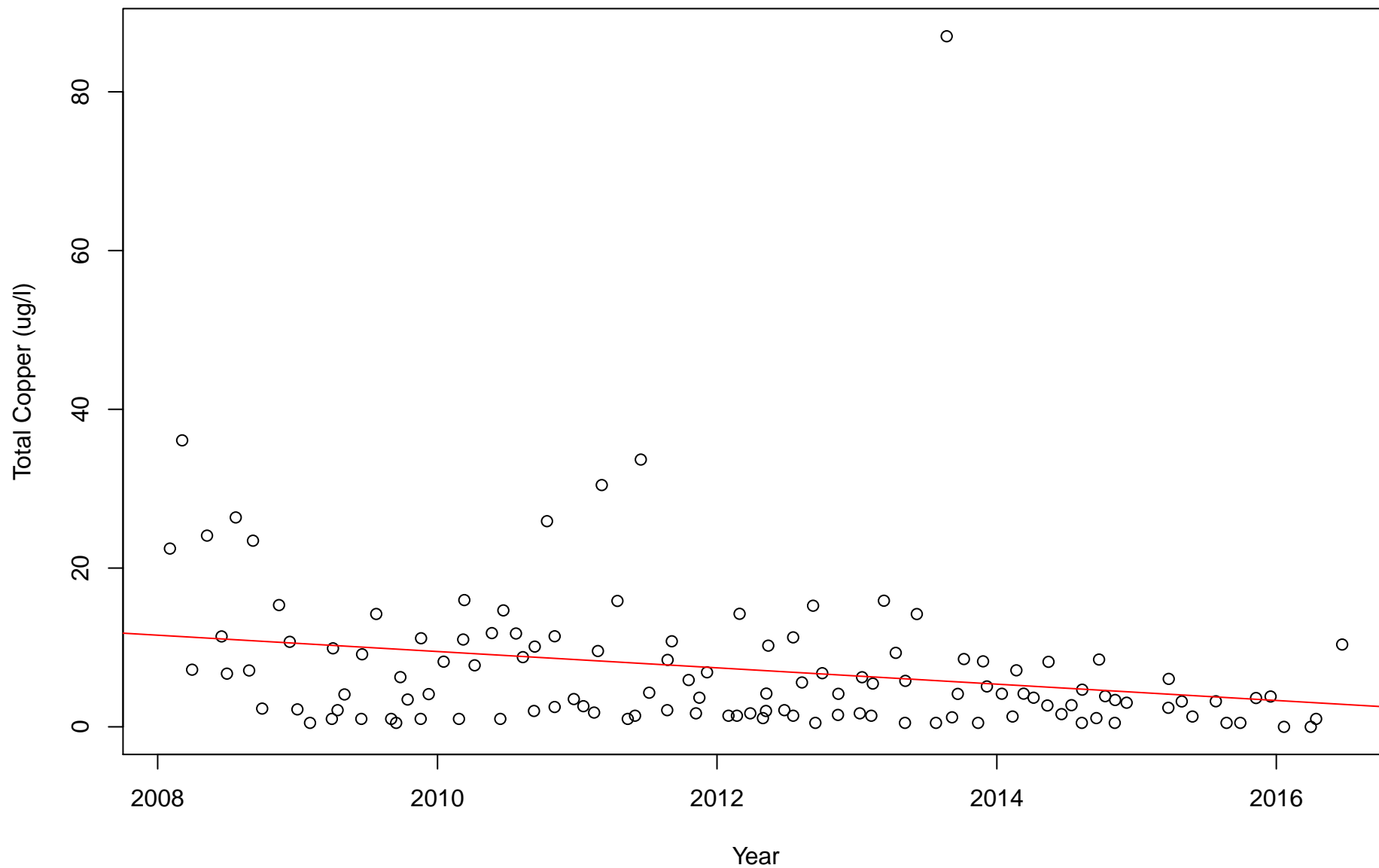
slope = -0.242851772125949; p-value = 0.652545588464659

PG15MSI000012

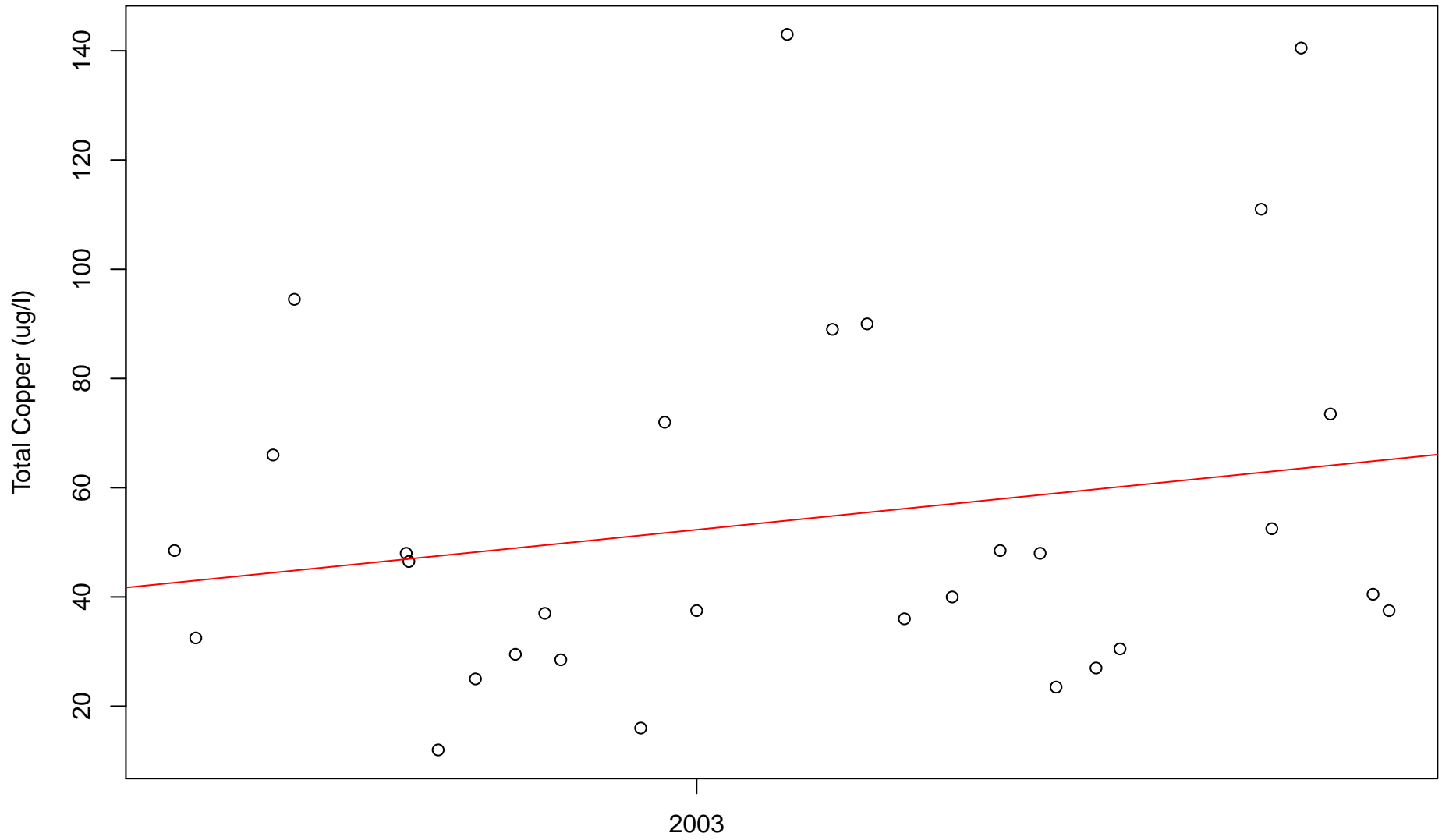


slope = -0.381912319981667 ; p-value = 0.0802249790789117

PG15MSI000013

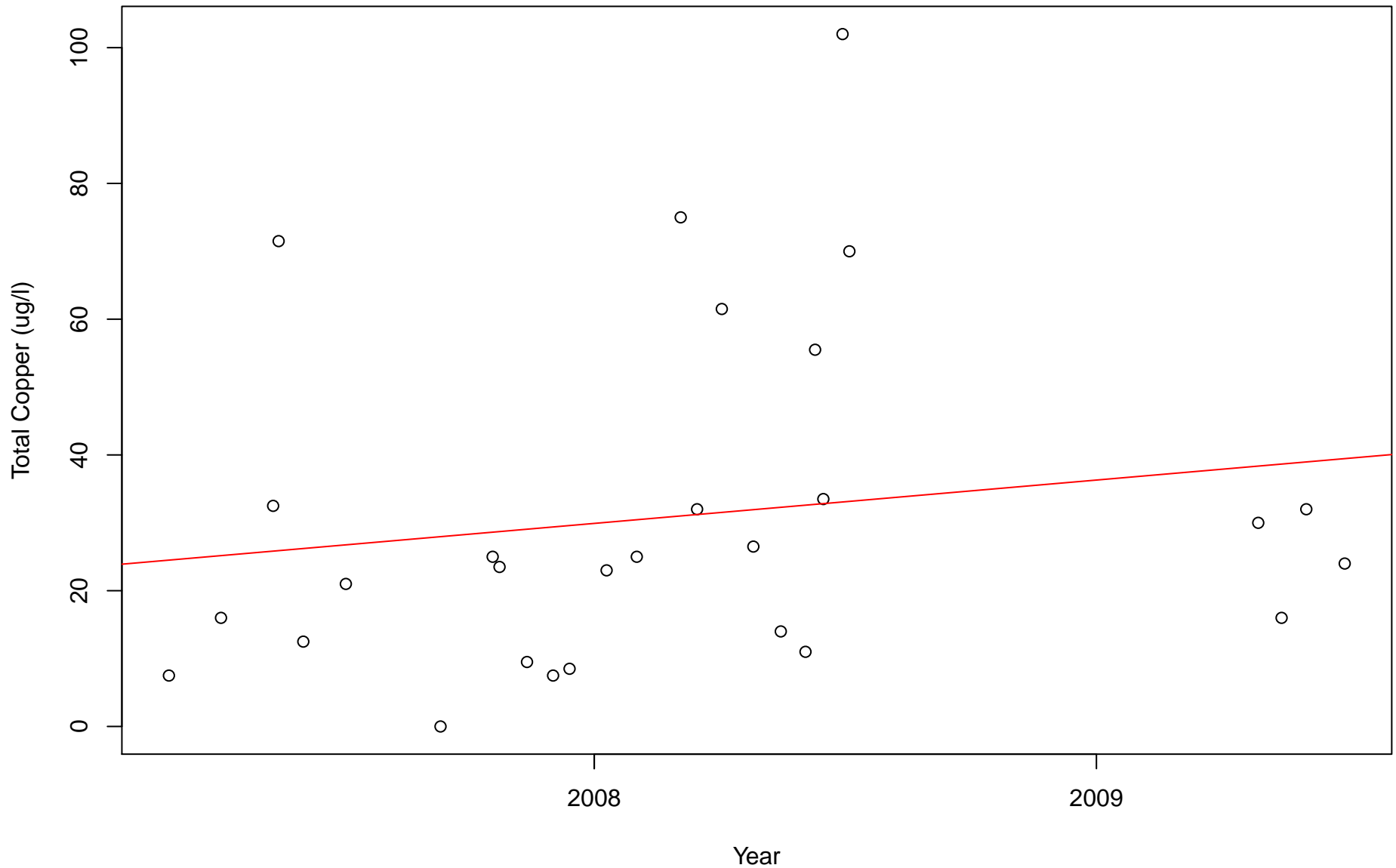


SHA02MSI00MR01



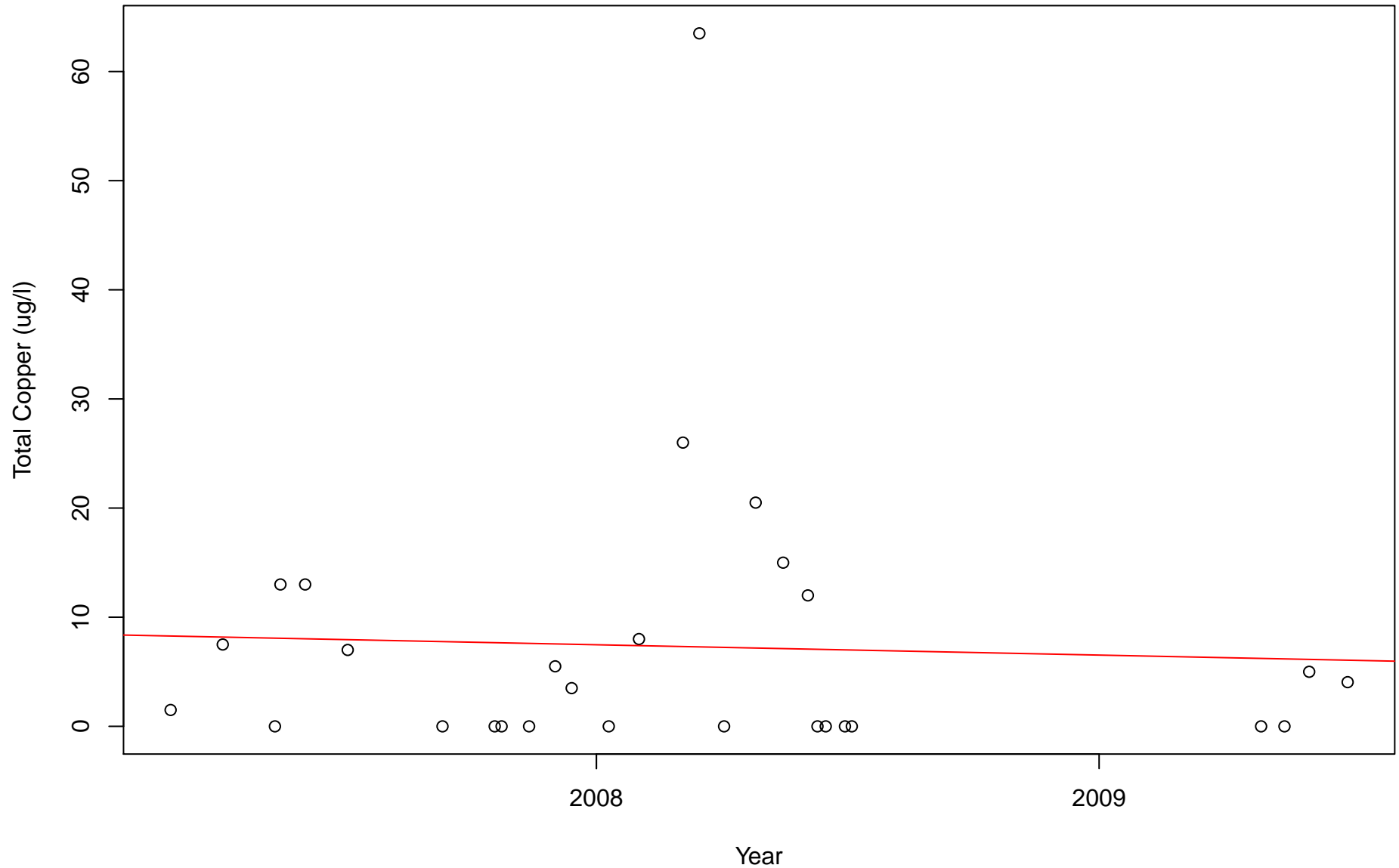
Year
slope = 18.0508735813784; p-value = 0.273519807512354

SHA04MSI00GS01



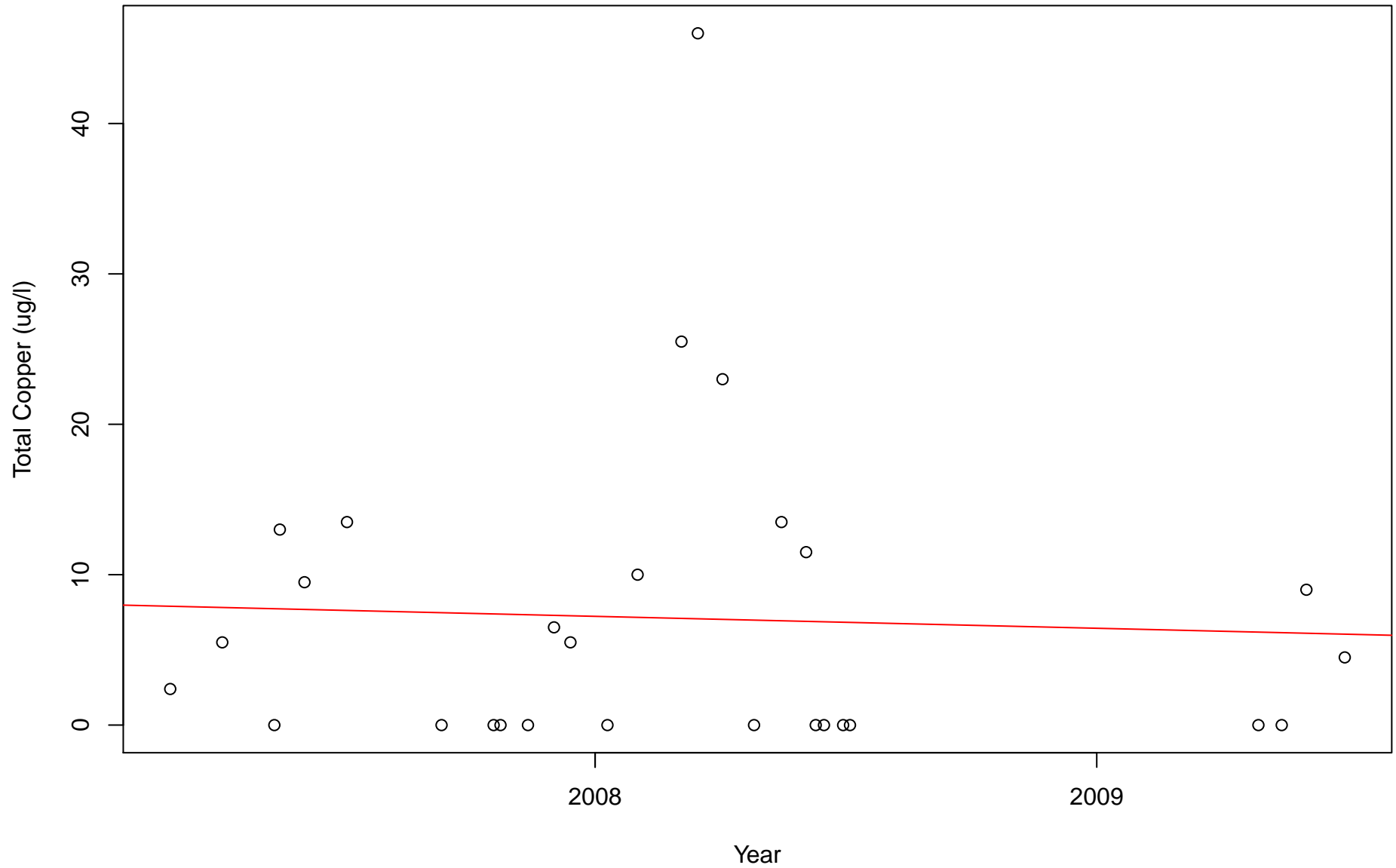
slope = 6.36867863086859; p-value = 0.392539578970242

SHA04MSI00GS02



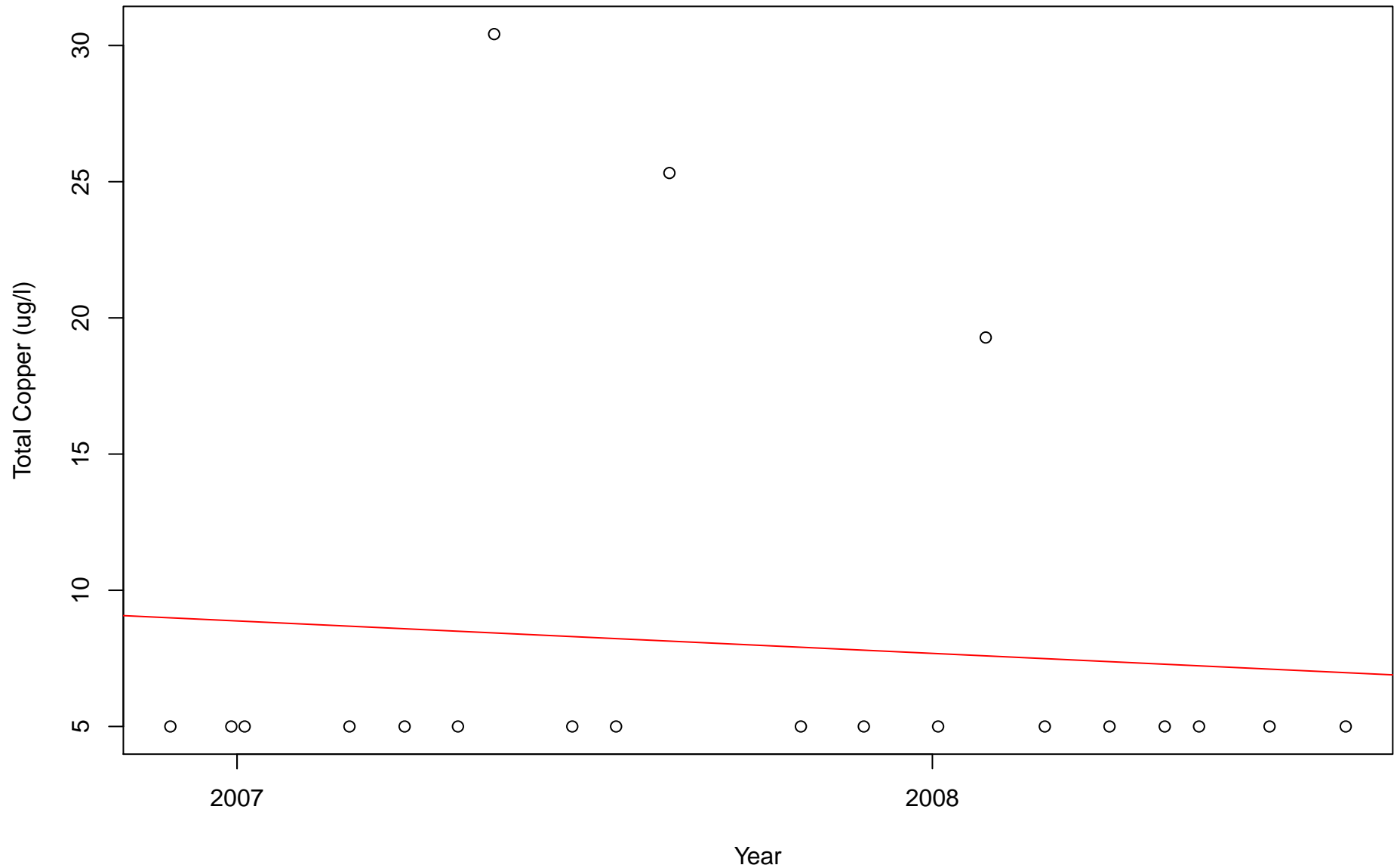
slope = -0.943706504396491 ; p-value = 0.811057532464464

SHA04MSI00GS03



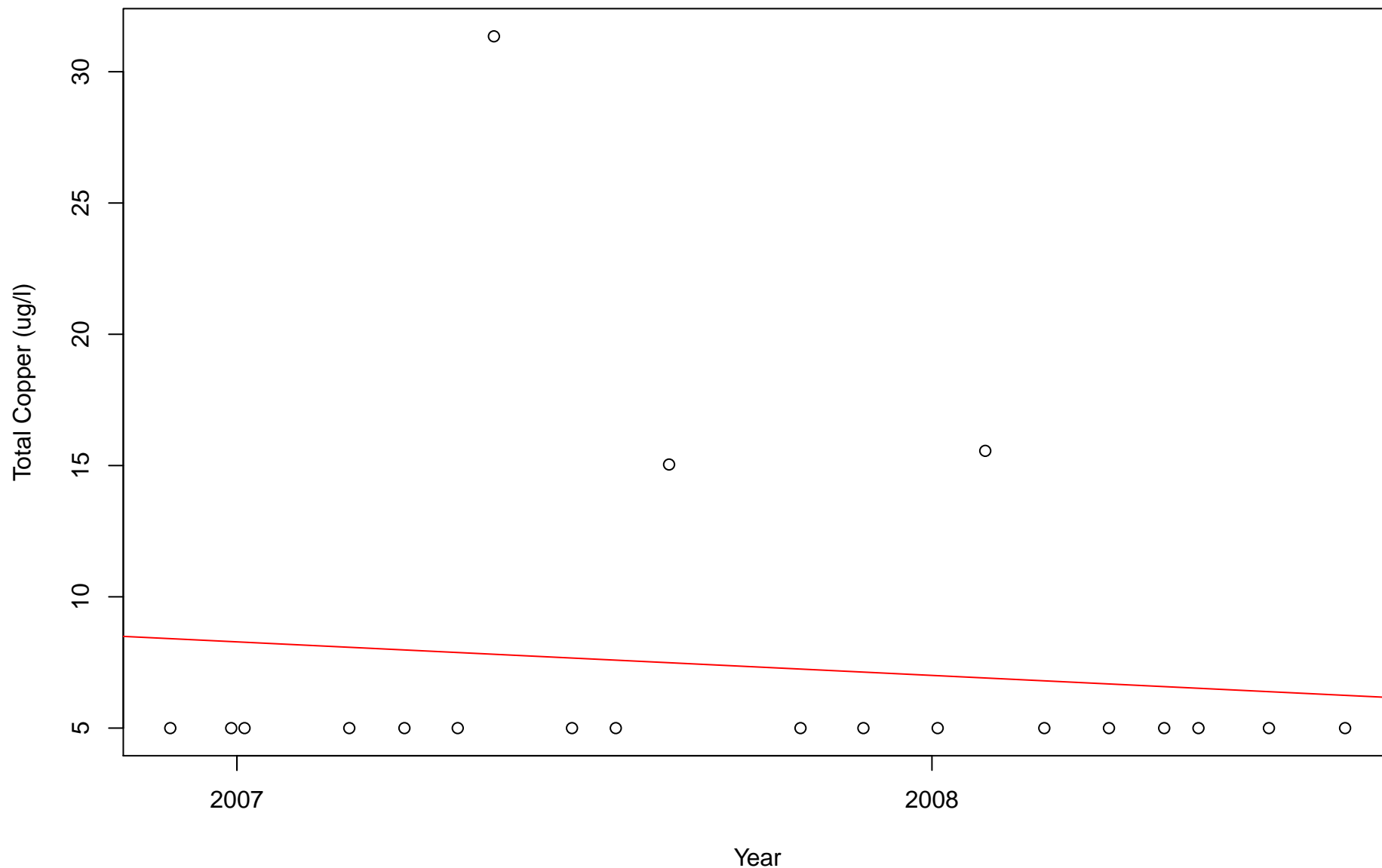
slope = -0.790877459702309 ; p-value = 0.802602543735898

SHA06MSI00LD01



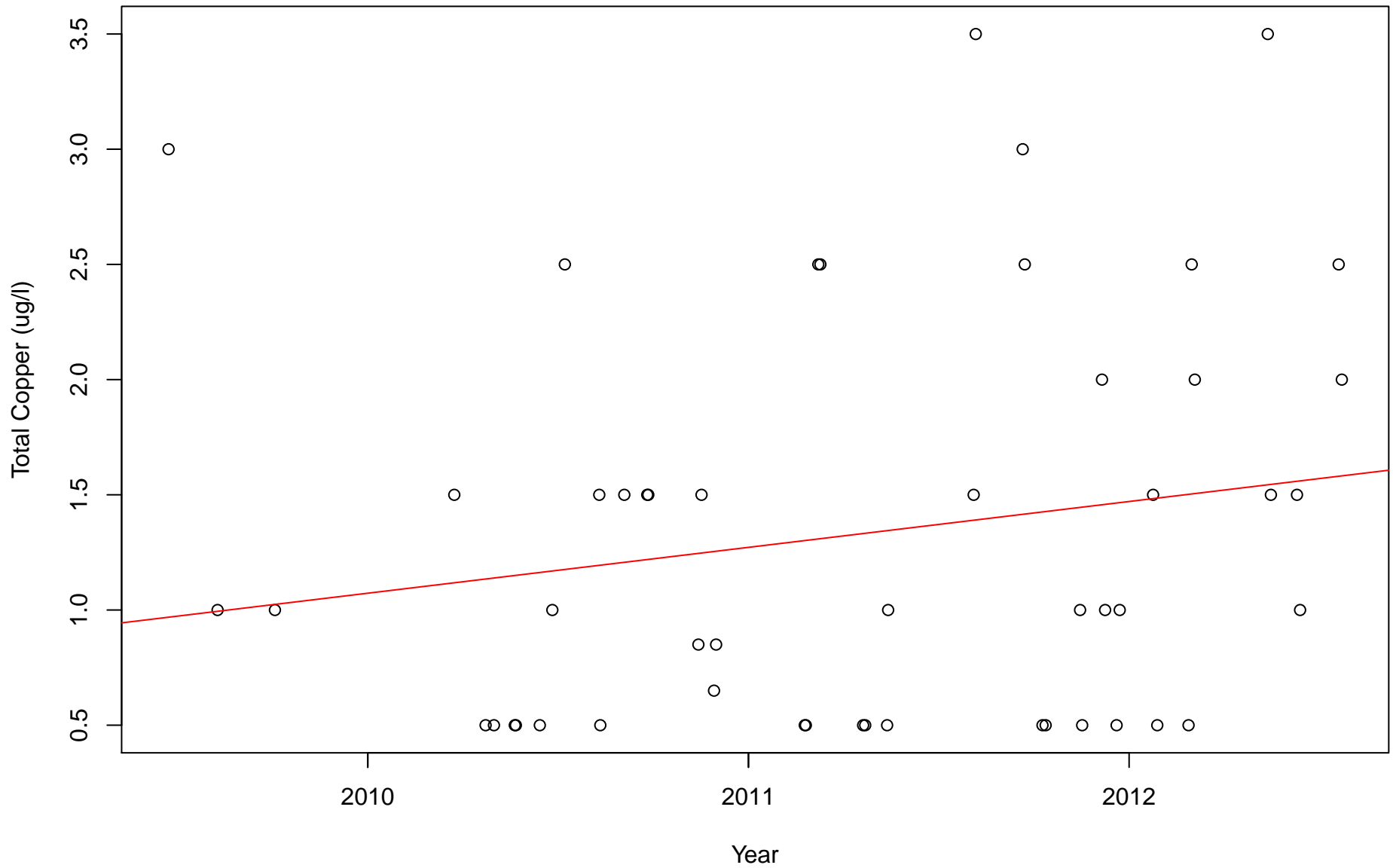
slope = -1.1914634271466; p-value = 0.7214705917172

SHA06MSI00LD02

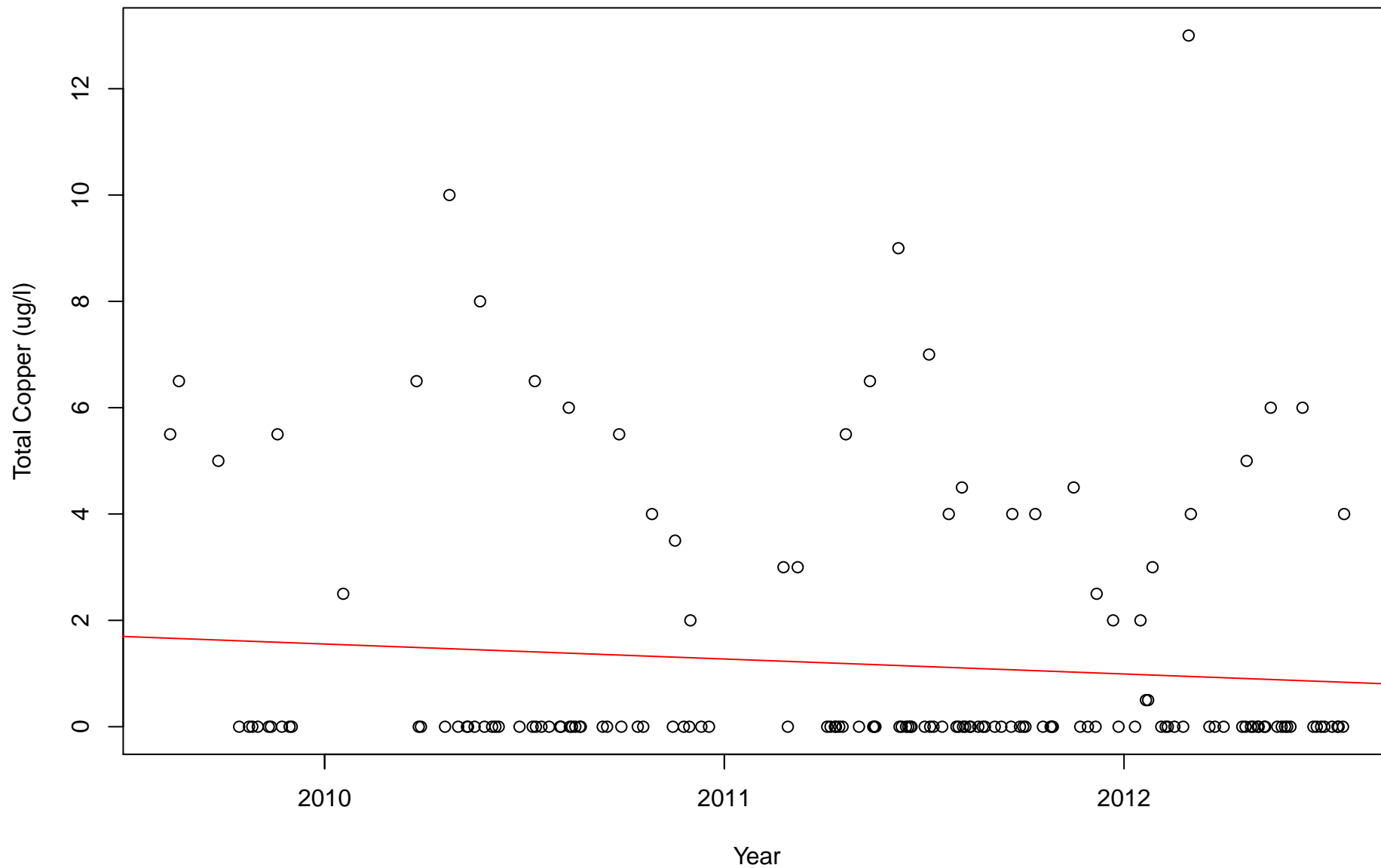


slope = -1.27770918730594 ; p-value = 0.655423050170981

SHA08MSI00WI01

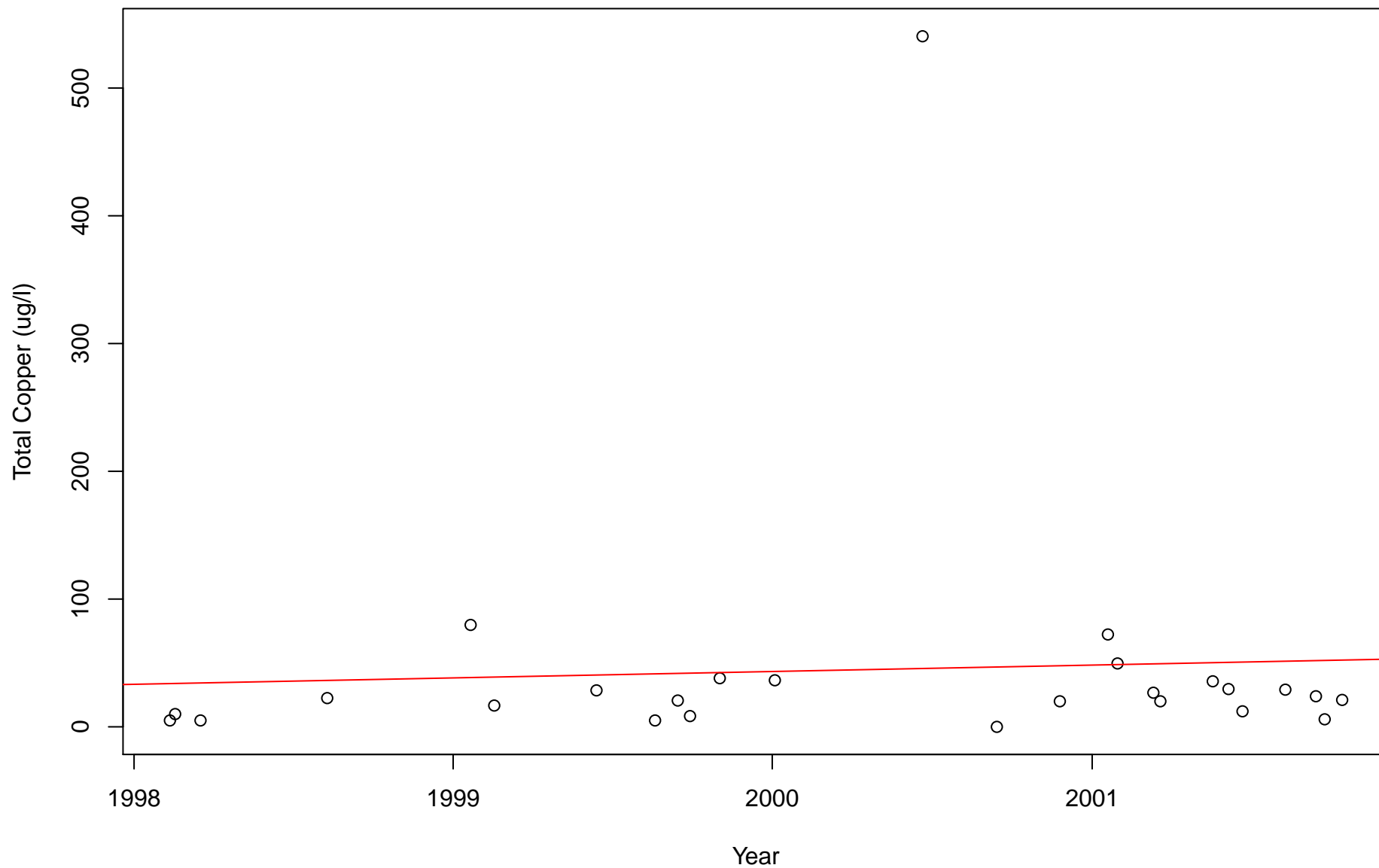


slope = 0.199010633688947; p-value = 0.195633350087424

SHA08MSI00WI02

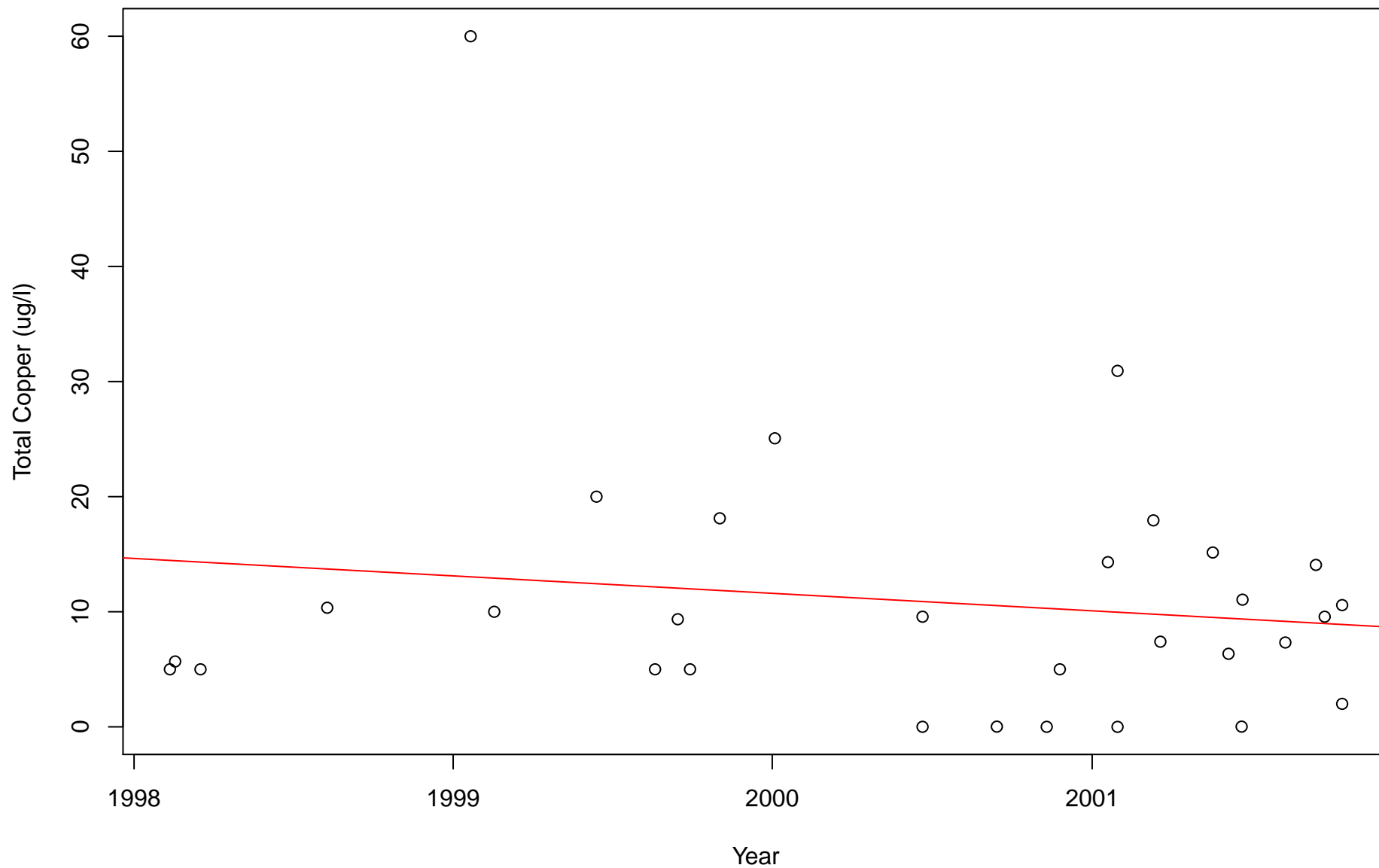
slope = -0.281926410051552; p-value = 0.242910834416782

SHA98MSI00PS01



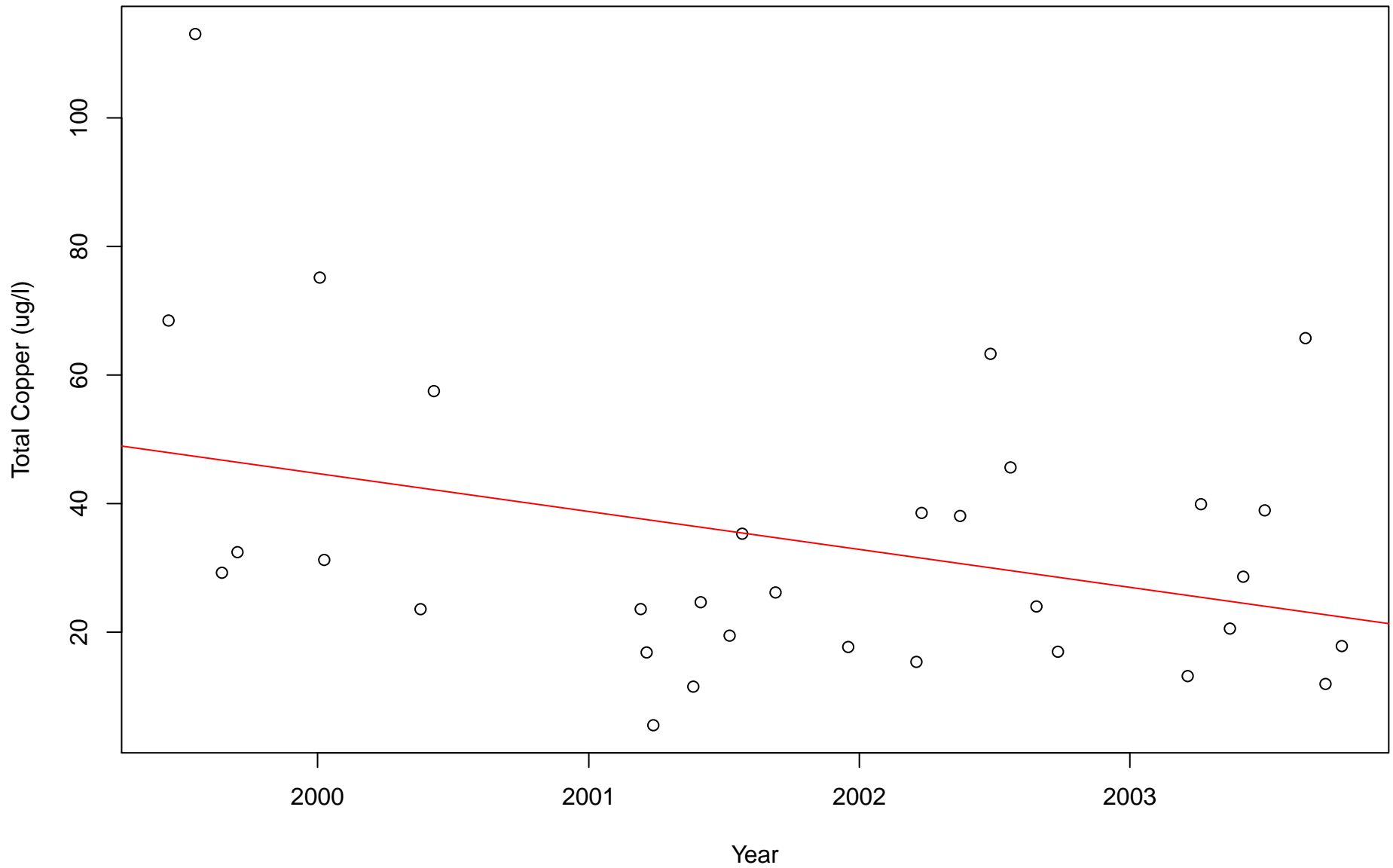
slope = 5.00494952997061; p-value = 0.774332337525574

SHA98MSI00PS02



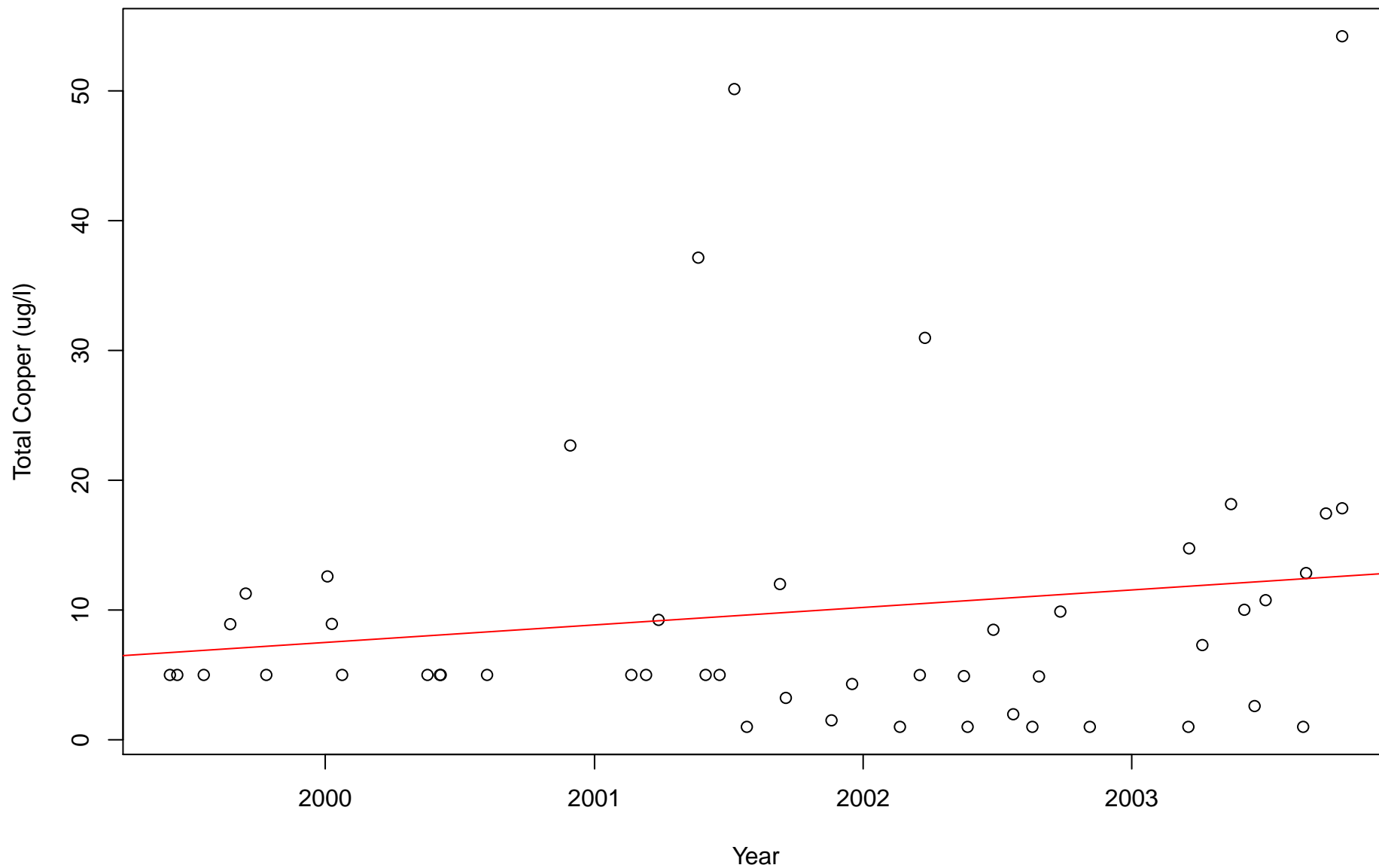
slope = -1.51519746065726 ; p-value = 0.419265317448621

SHA99MSI00DV01



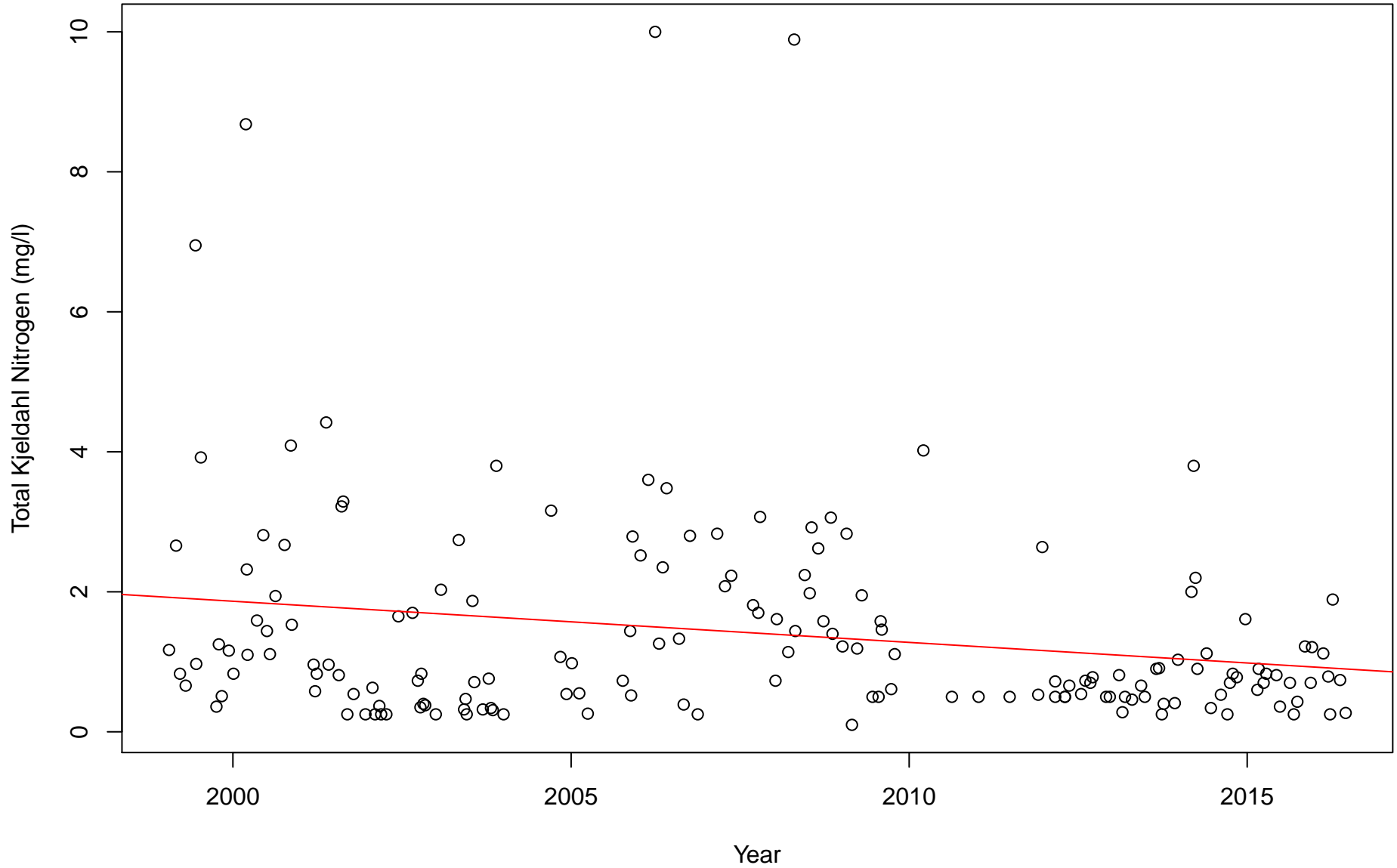
slope = -5.89672852377464; p-value = 0.0491137843851728

SHA99MSI00DV02

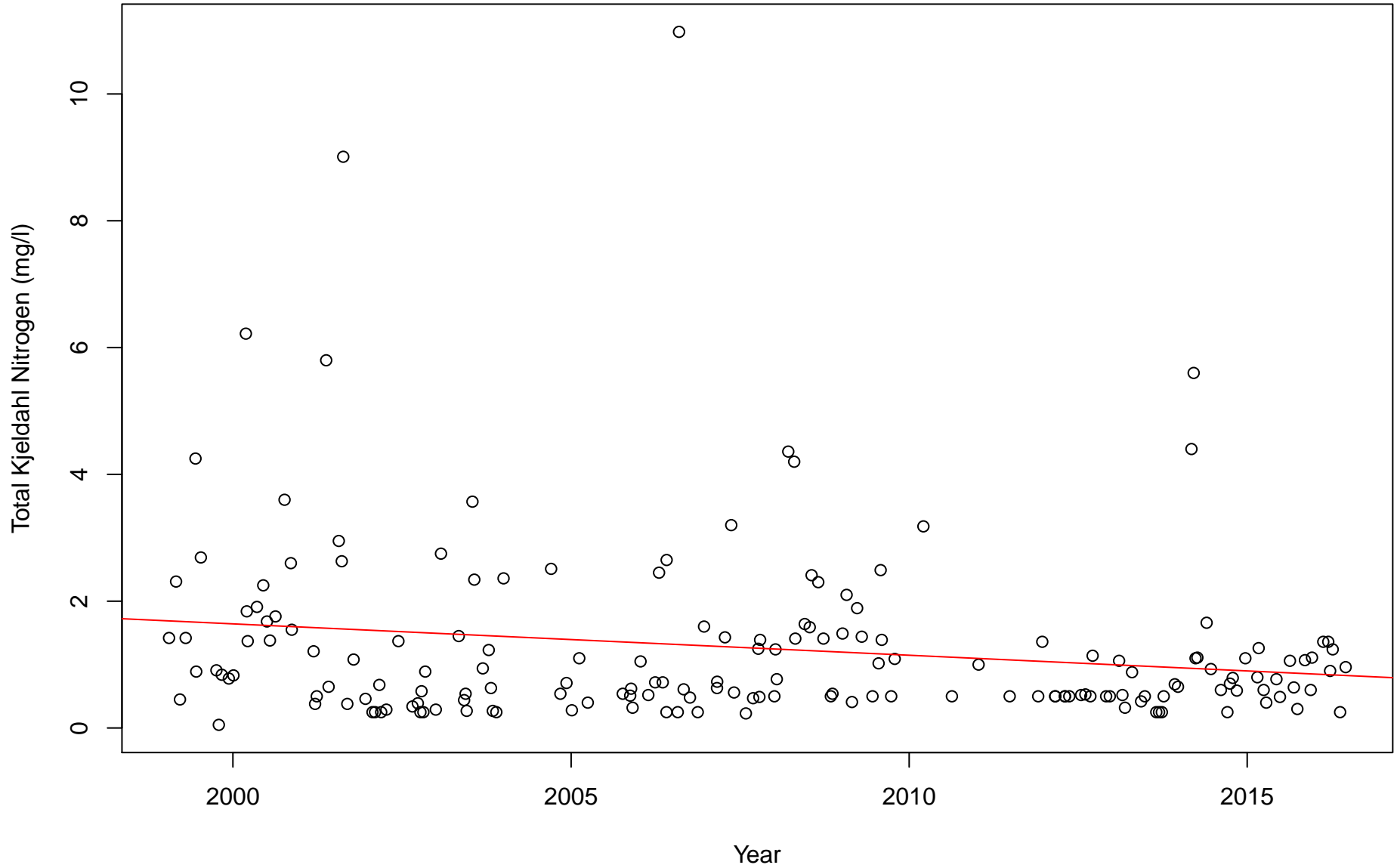


slope = 1.34724097193018; p-value = 0.273778643954007

AA94MSI000008

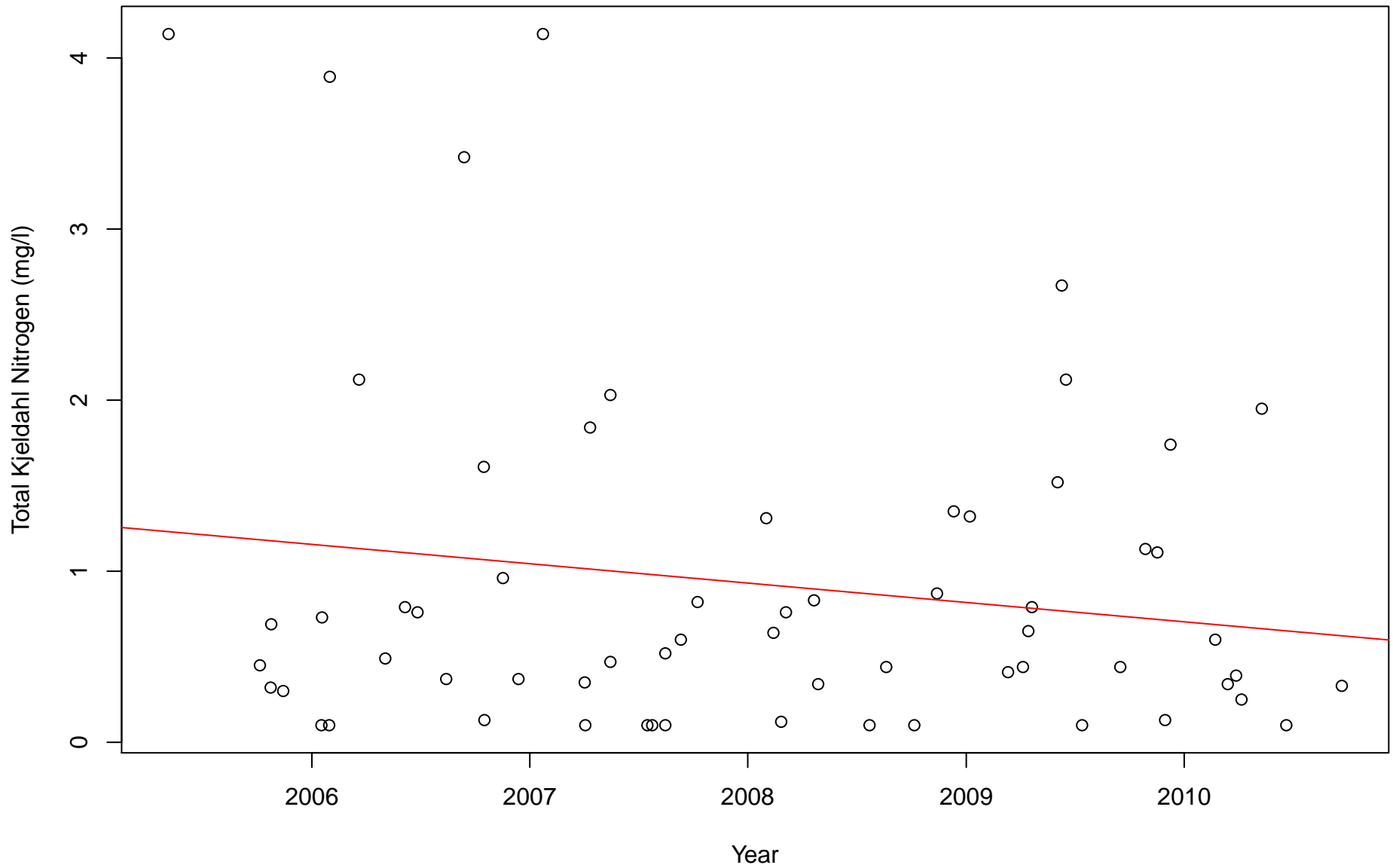


AA94MSI000009



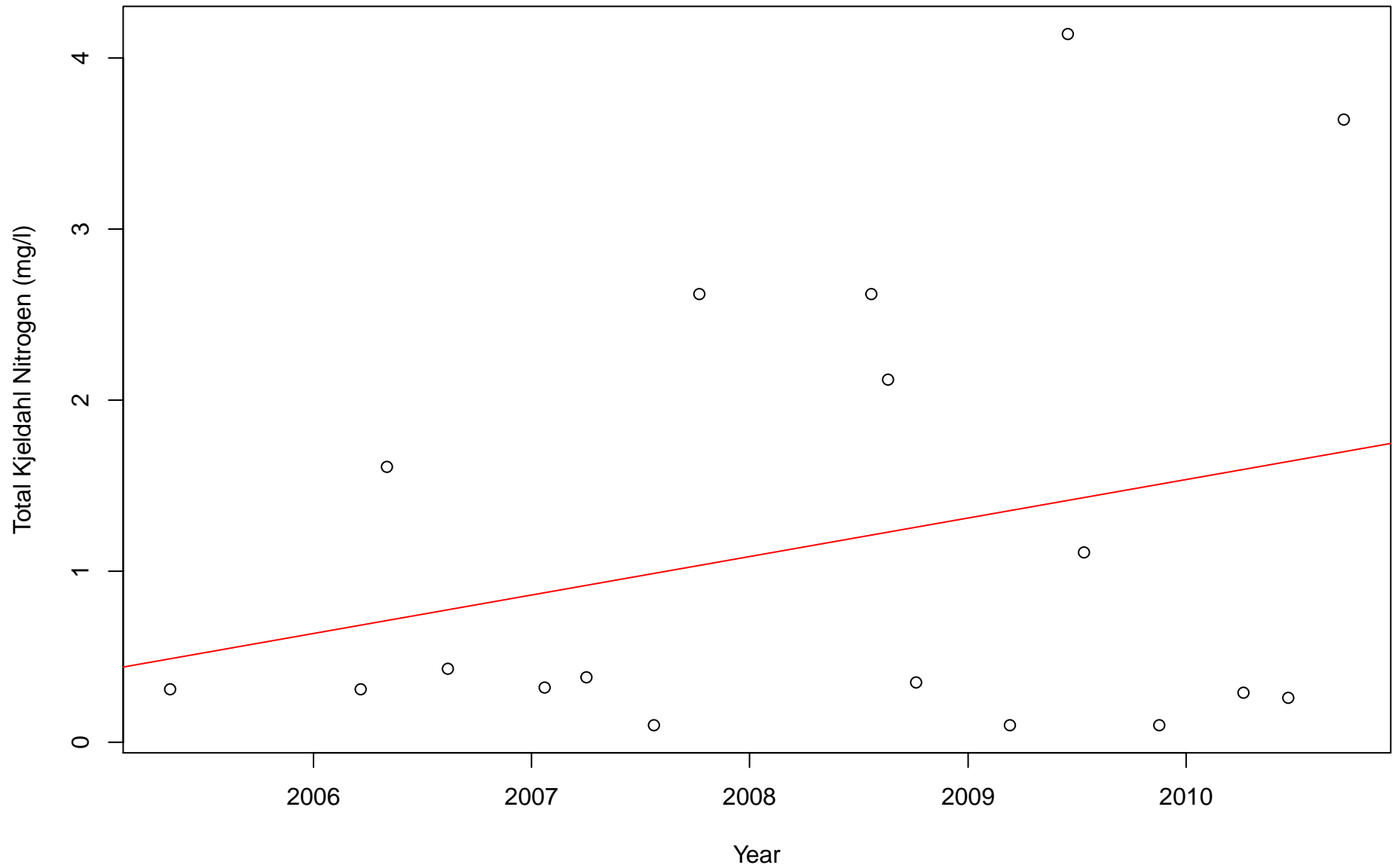
slope = -0.0494530130938357 ; p-value = 0.0148834606702938

BA05MSI000SL01

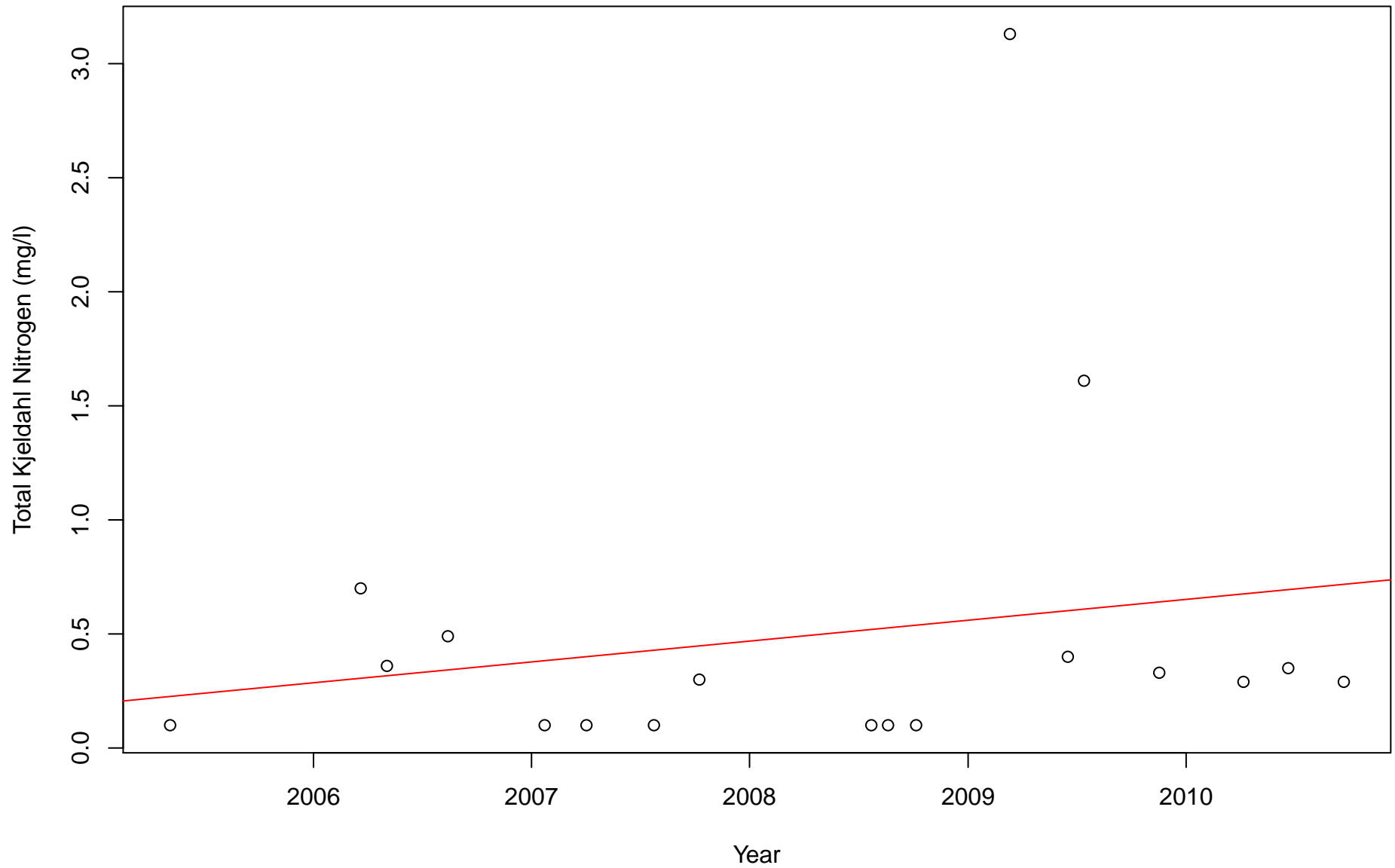


slope = -0.113041952258214 ; p-value = 0.180651532371327

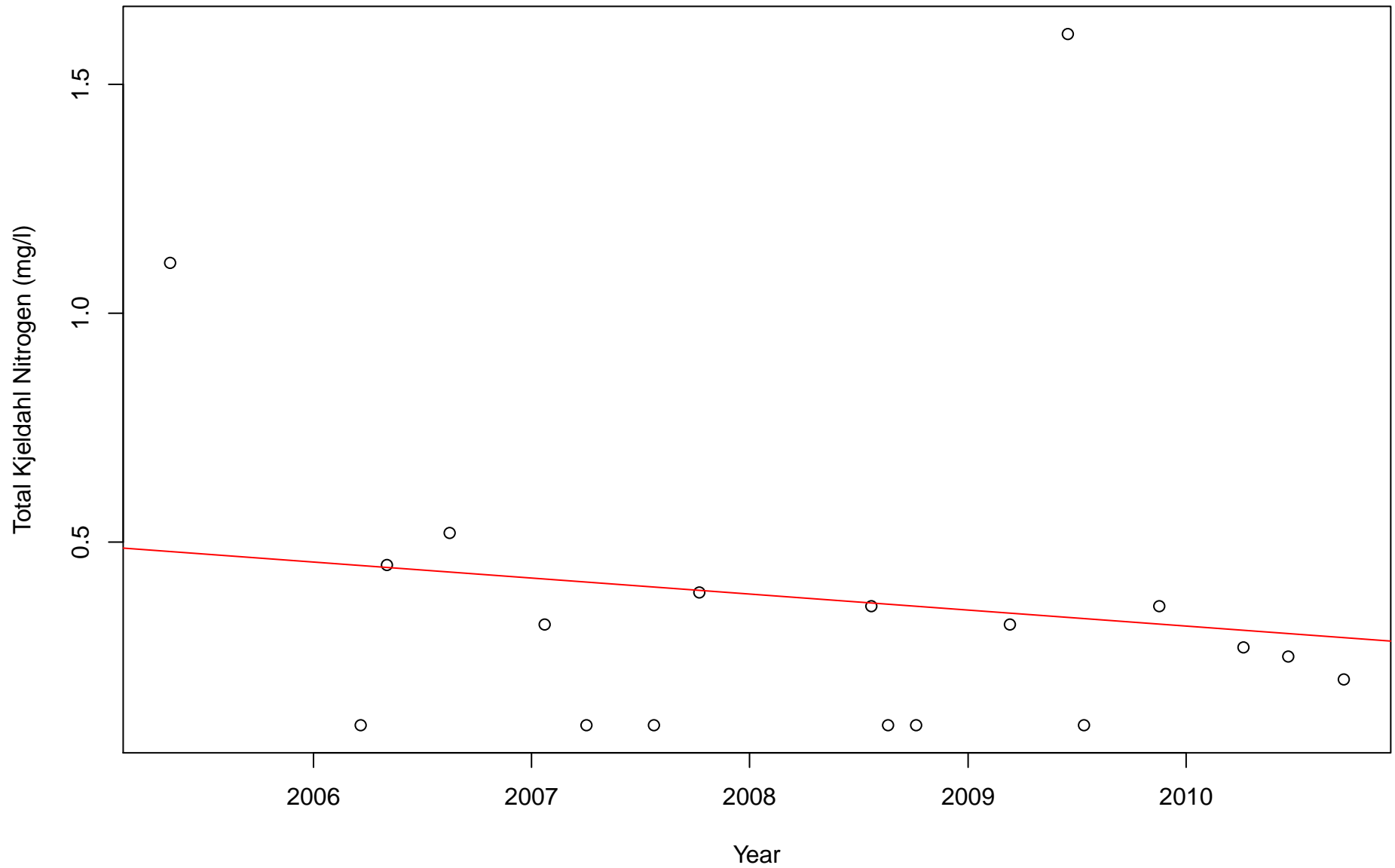
BA05MSI000SL02



BA05MSI000SL03

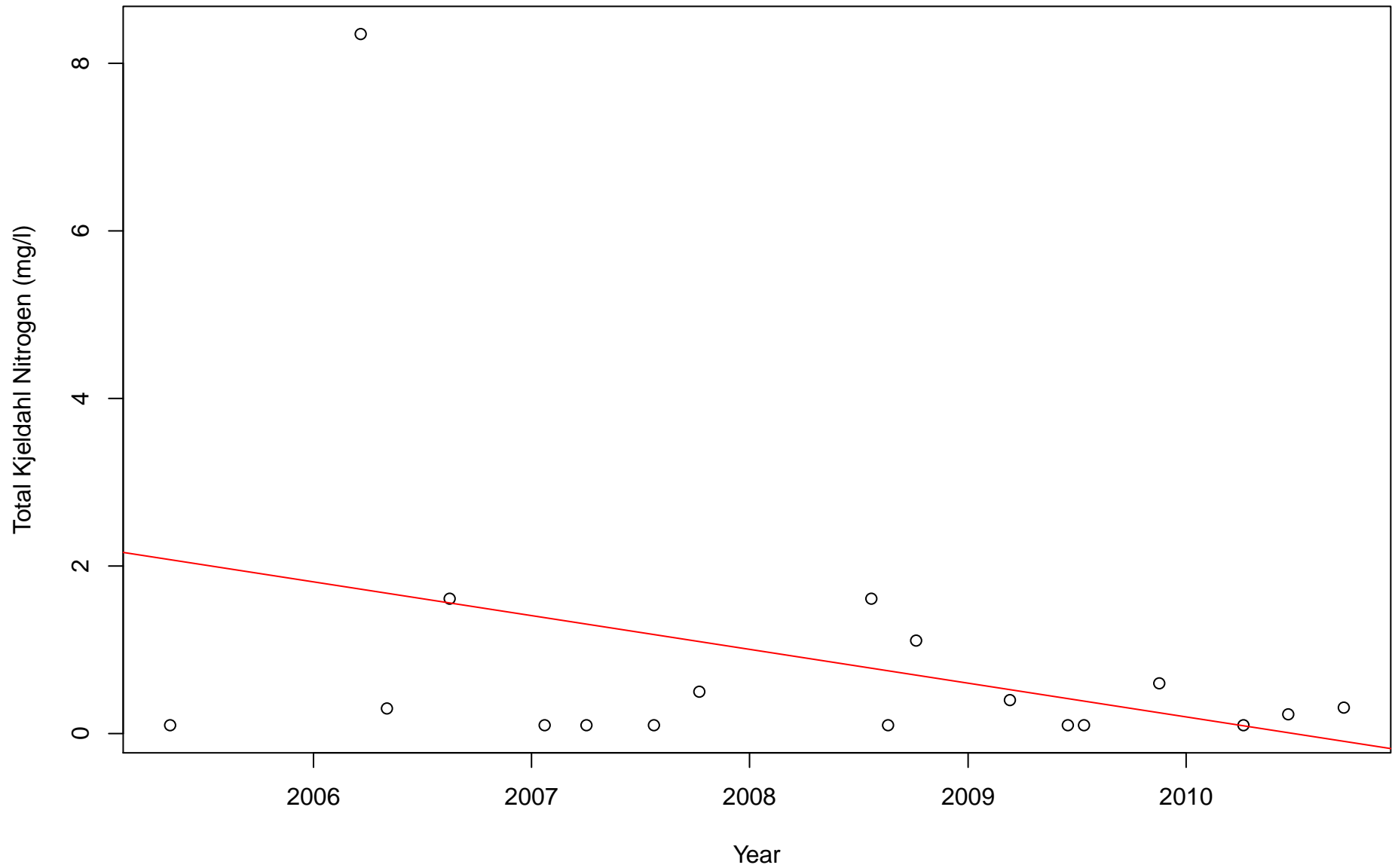


BA05MSI000SL04

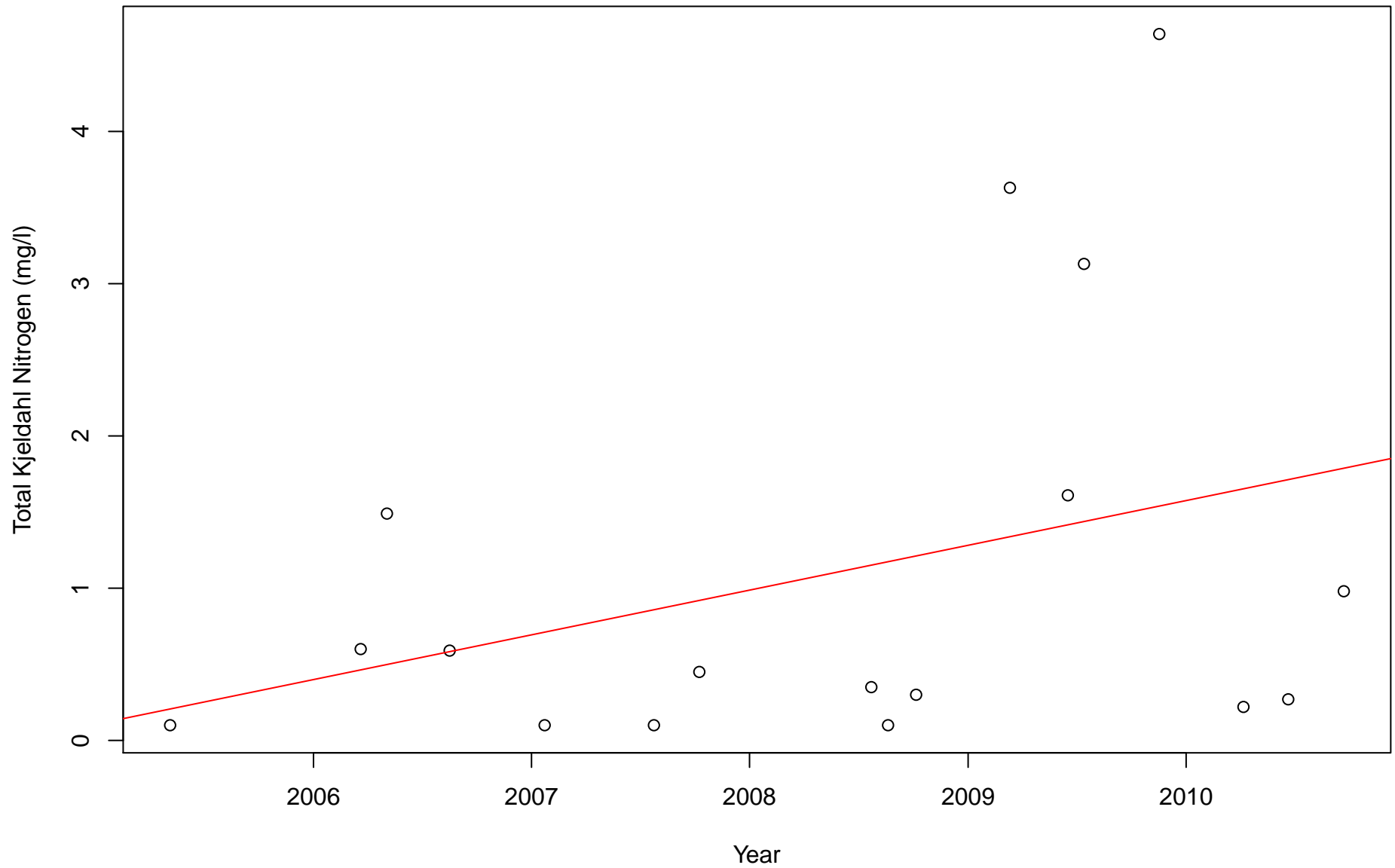


slope = -0.0349379713081694 ; p-value = 0.569097597976696

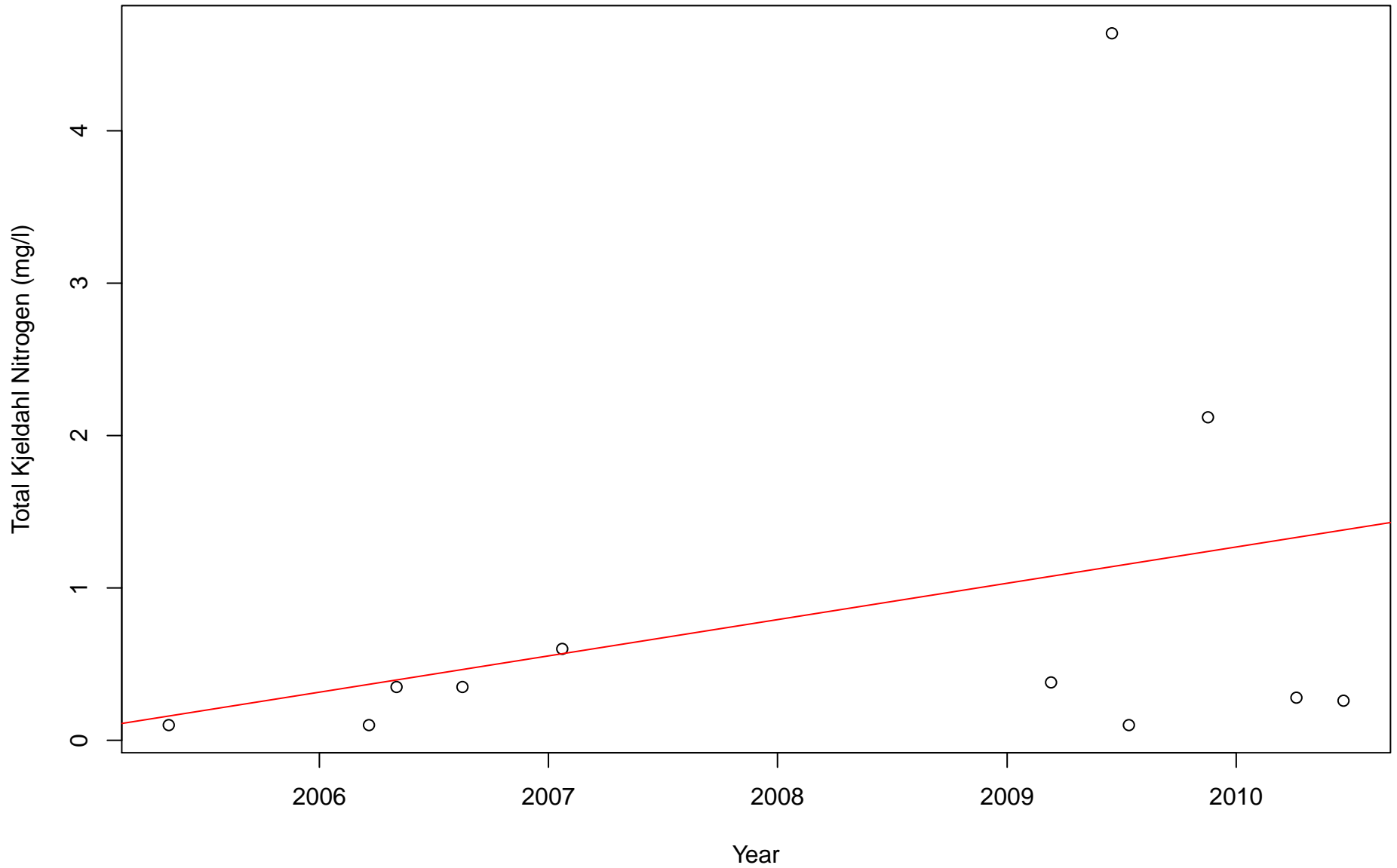
BA05MSI000SL05



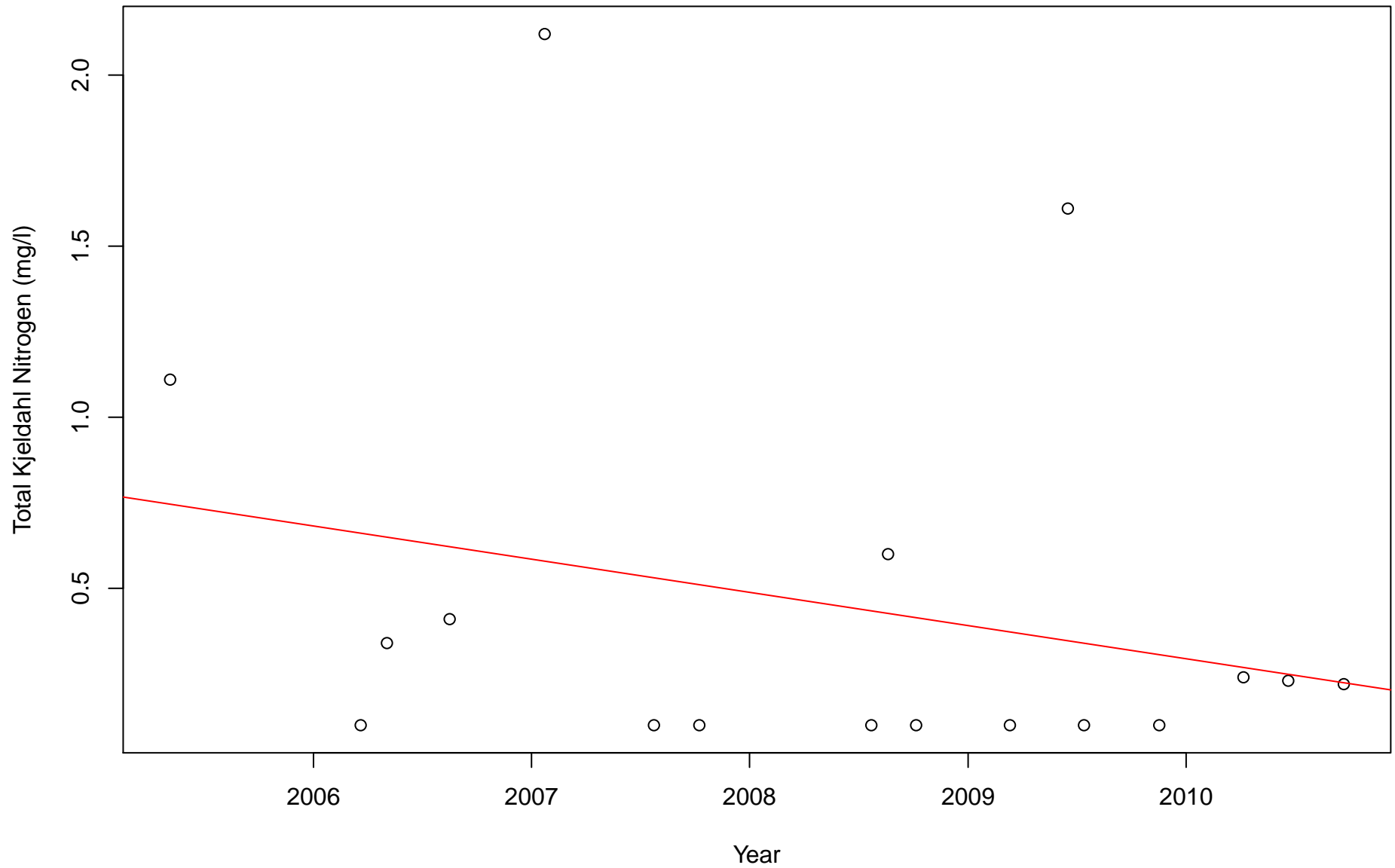
BA05MSI000SL06



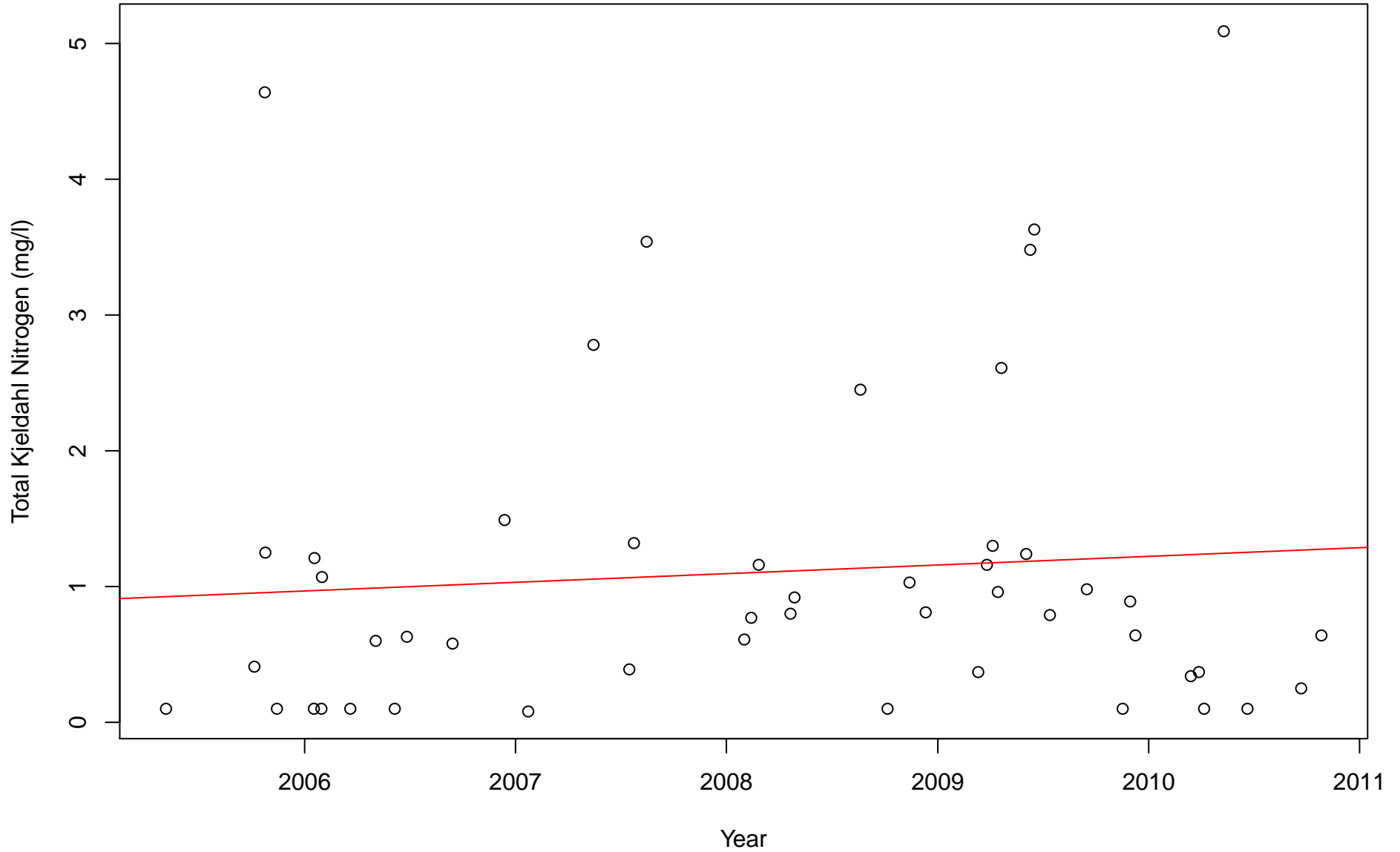
BA05MSI000SL07



BA05MSI000SL08

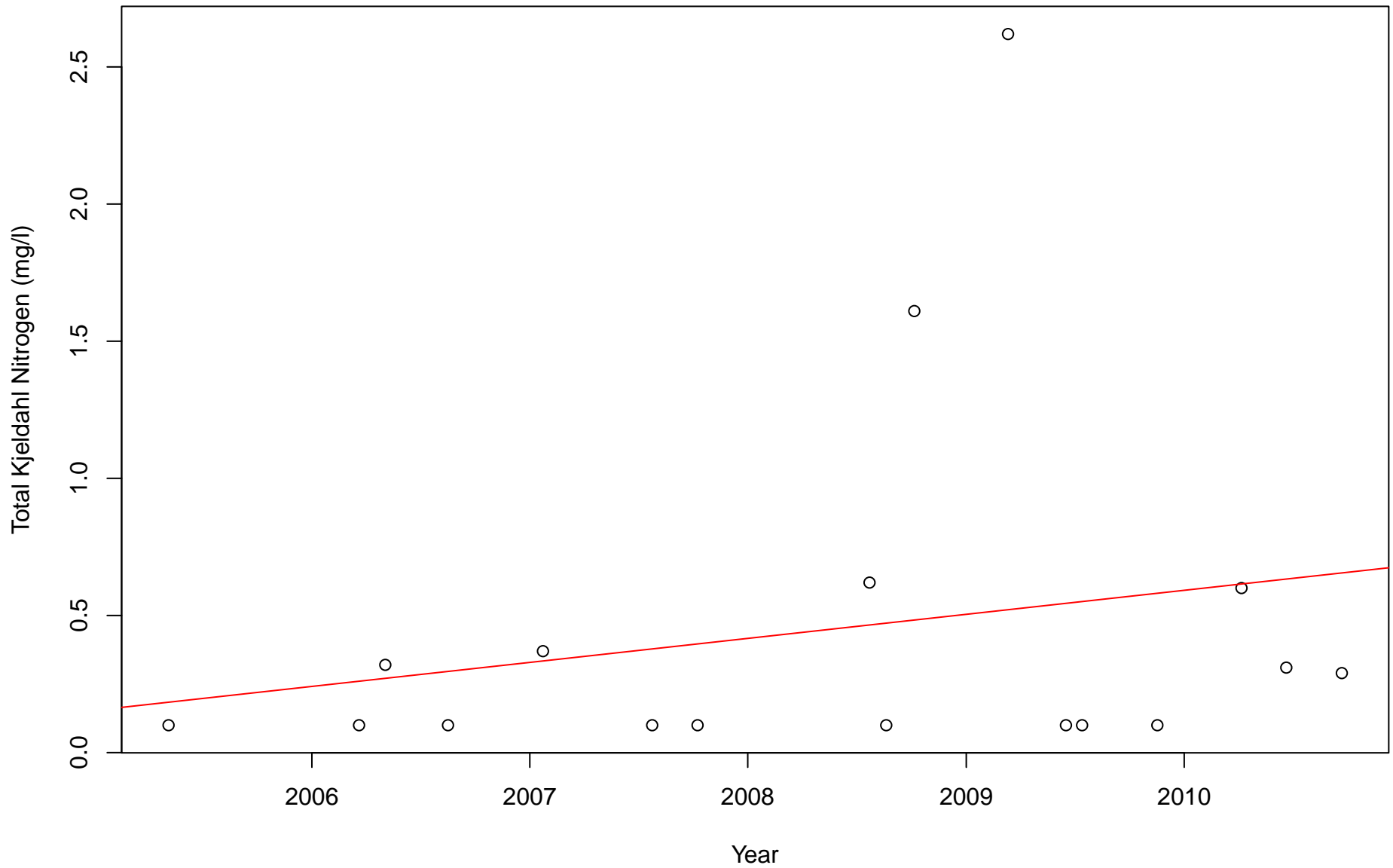


BA05MSI000SL09

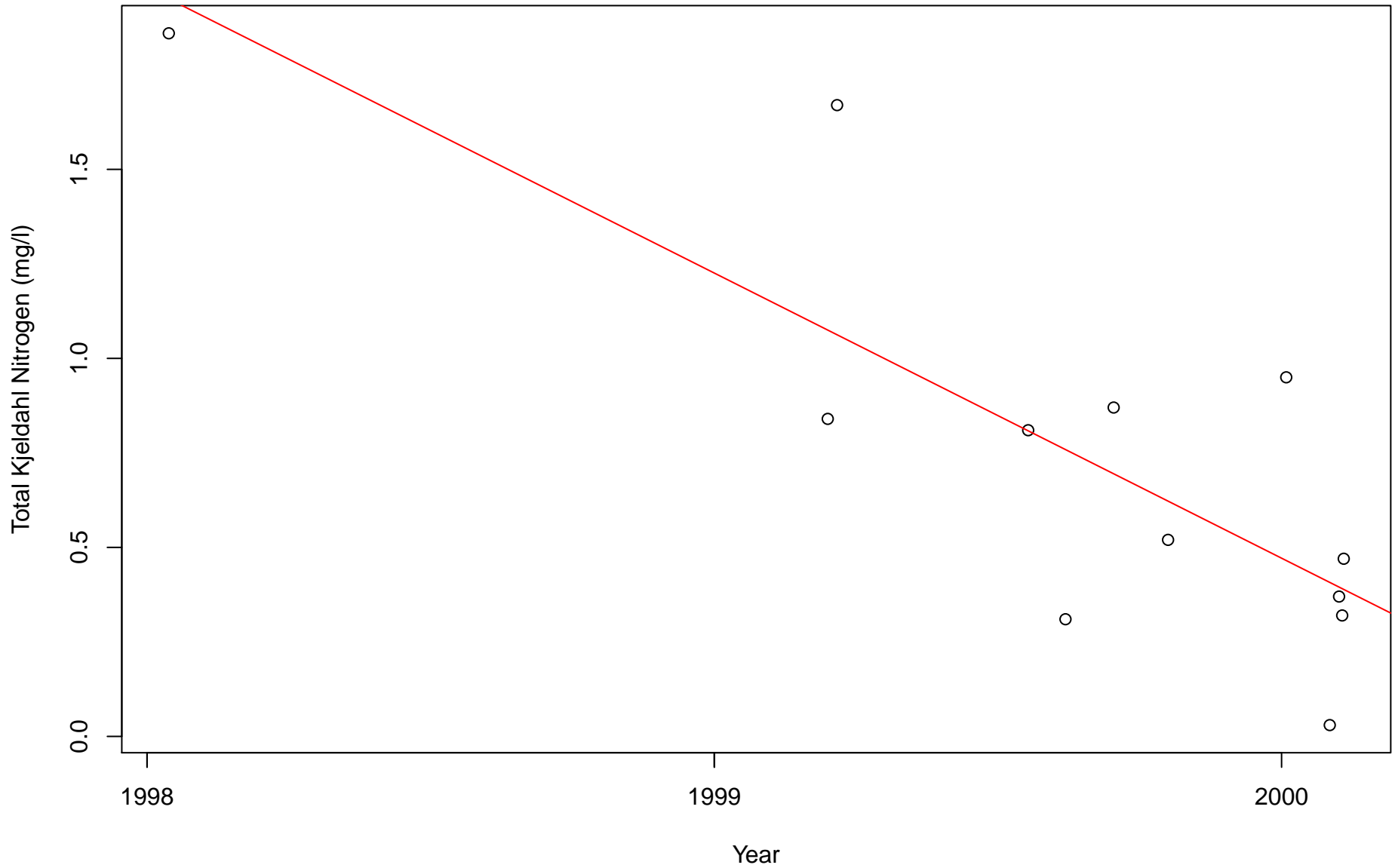


slope = 0.0637026907974897; p-value = 0.553318589957225

BA05MSI000SL10

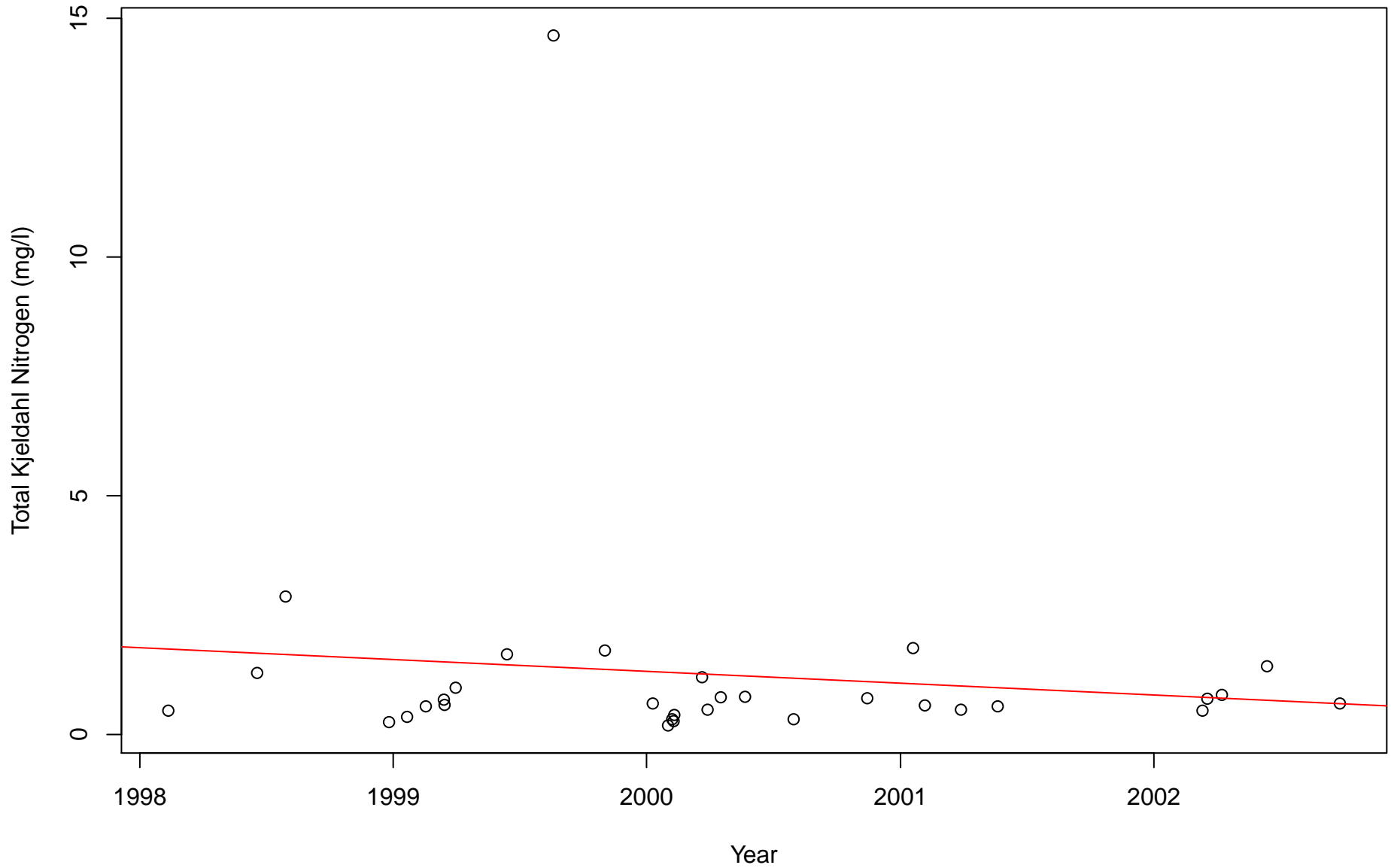


BA98MSI000LQ3



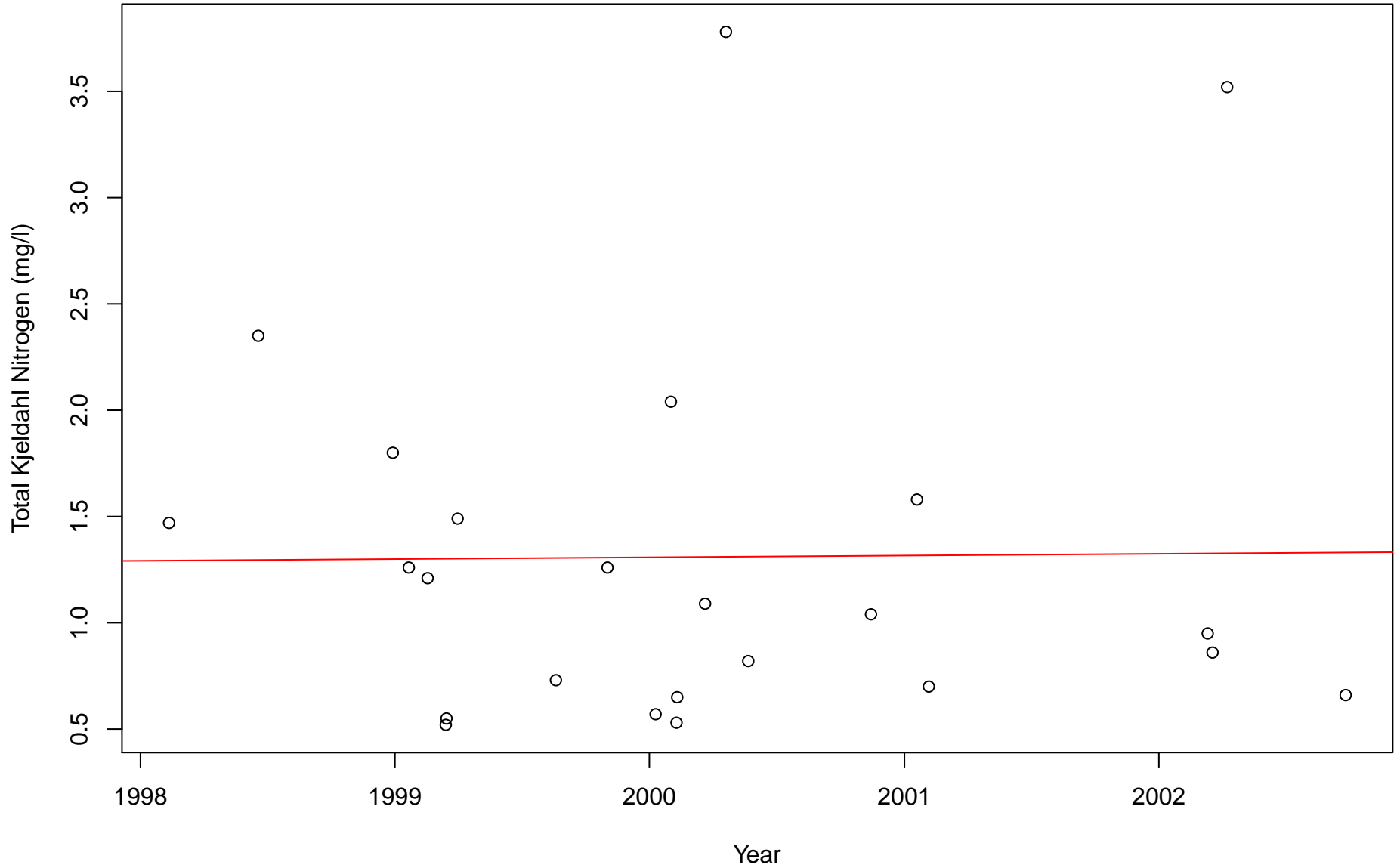
slope = -0.754252845057461 ; p-value = 0.000981304393754689

BA98MSI000SB2



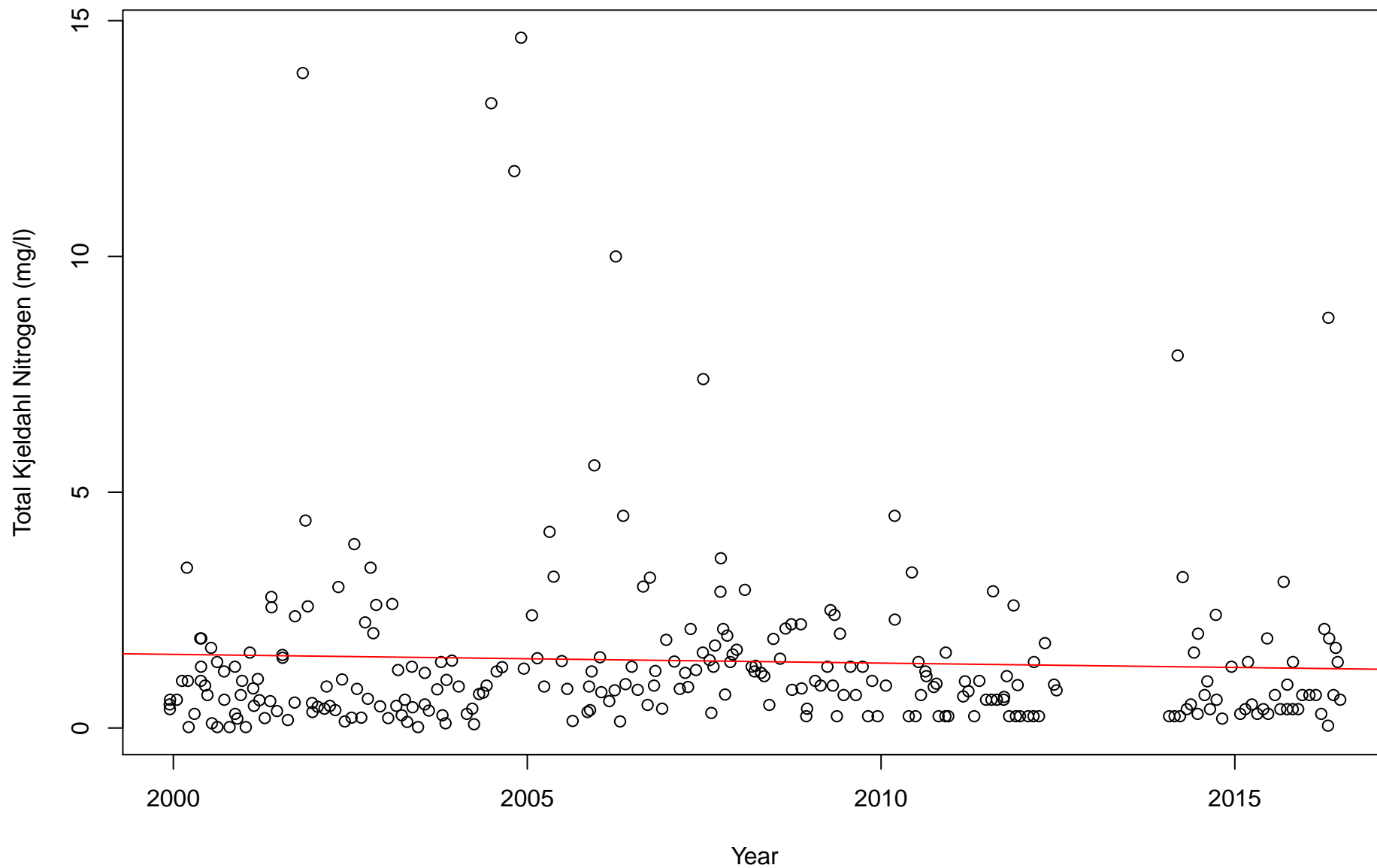
slope = -0.247427123779543 ; p-value = 0.511126314858534

BA98MSI000SB3



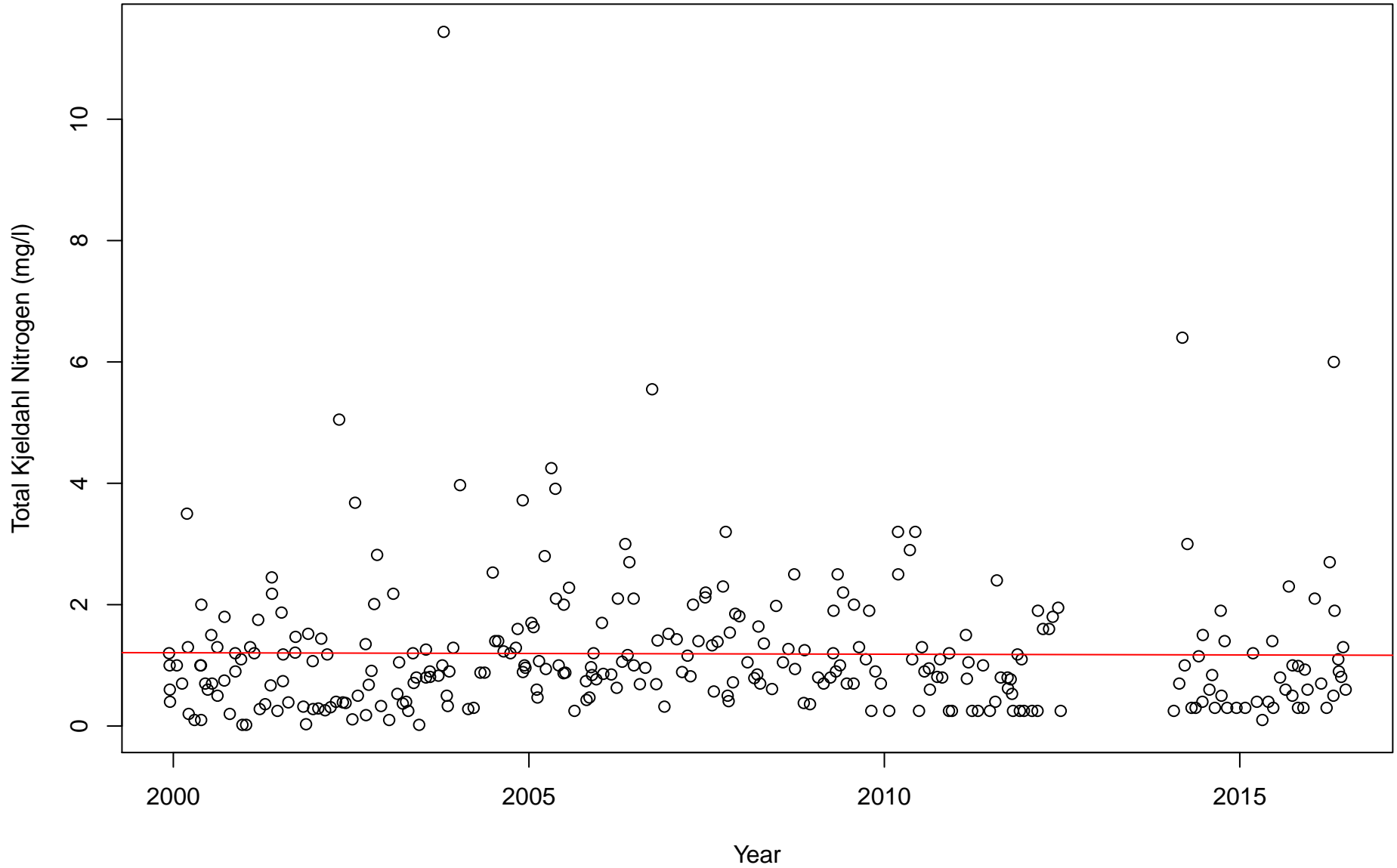
slope = 0.00820337589801315; p-value = 0.95691472377864

BC16MS000I81



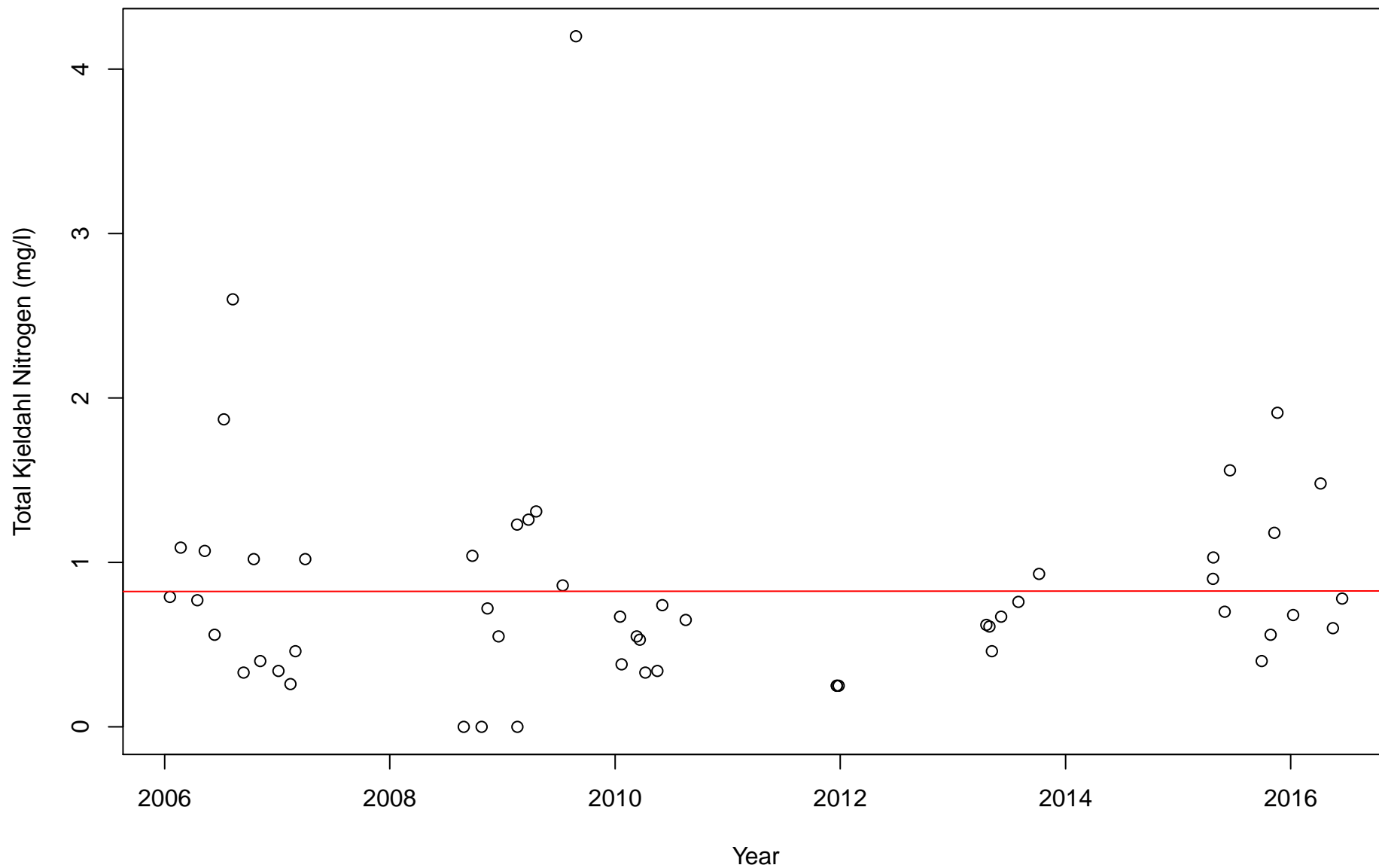
slope = -0.0184804485322903 ; p-value = 0.45395975285744

BC16MS000I82

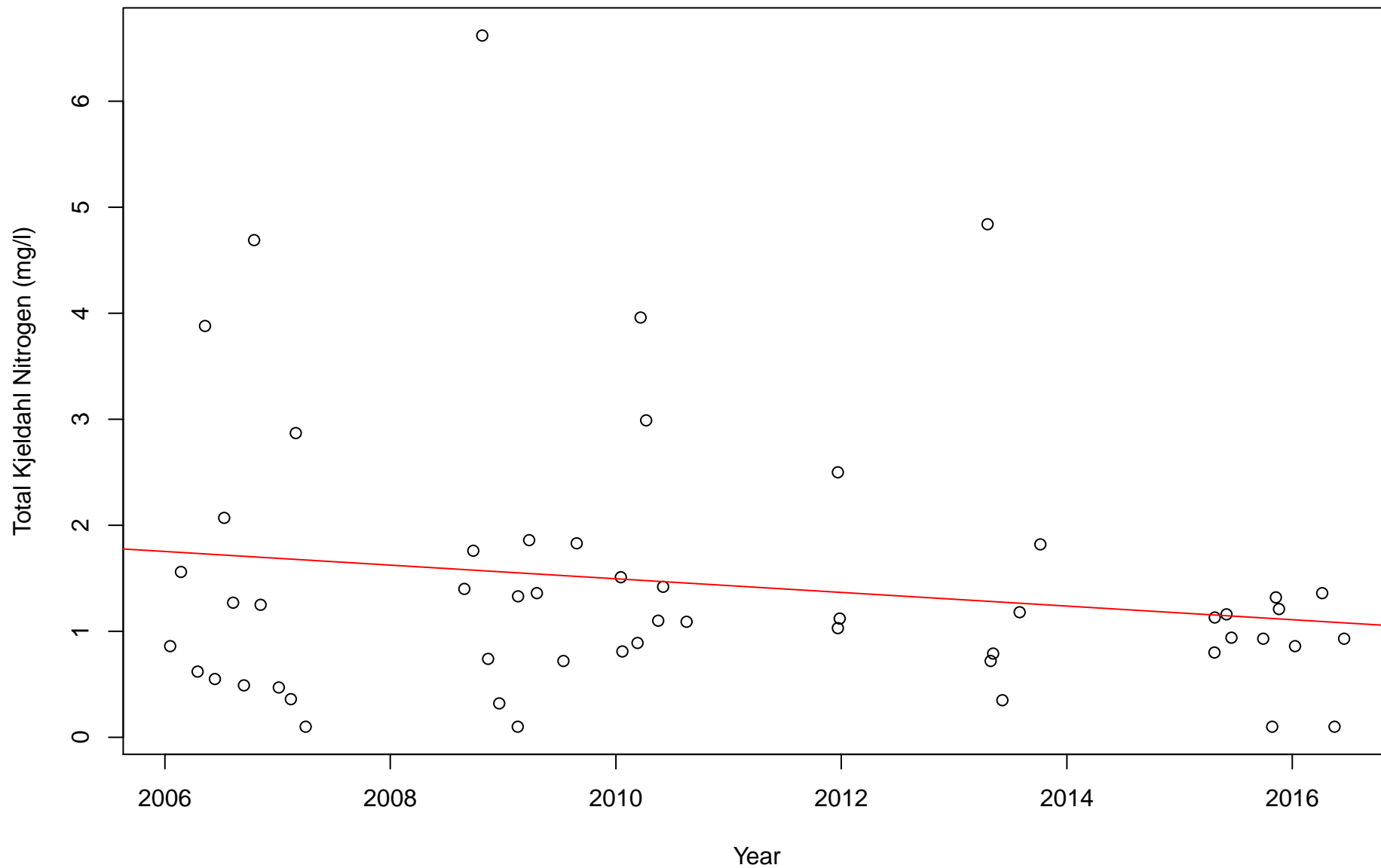


slope = -0.00241899585202007 ; p-value = 0.860491391673479

CC15MSI000001

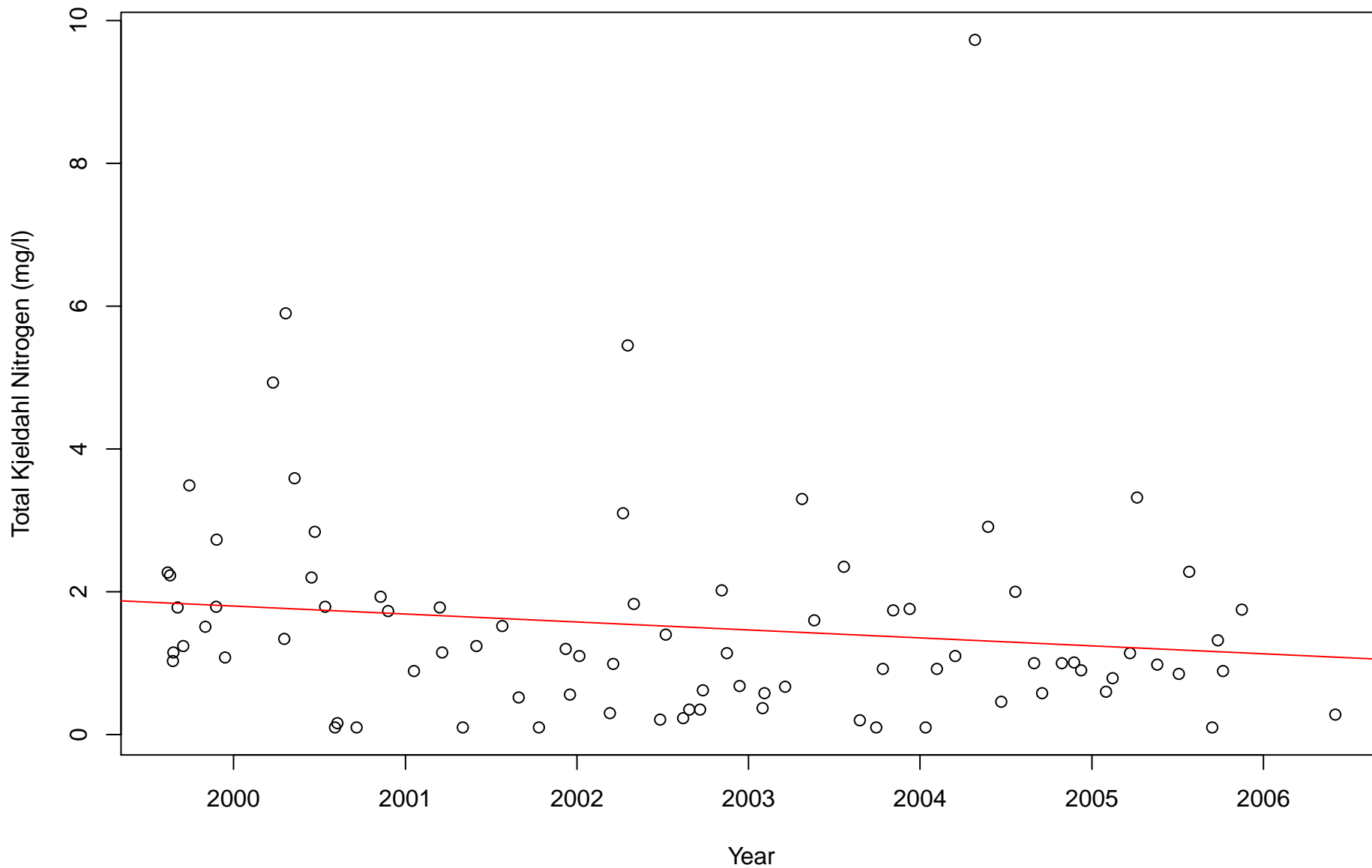


CC15MSI000002



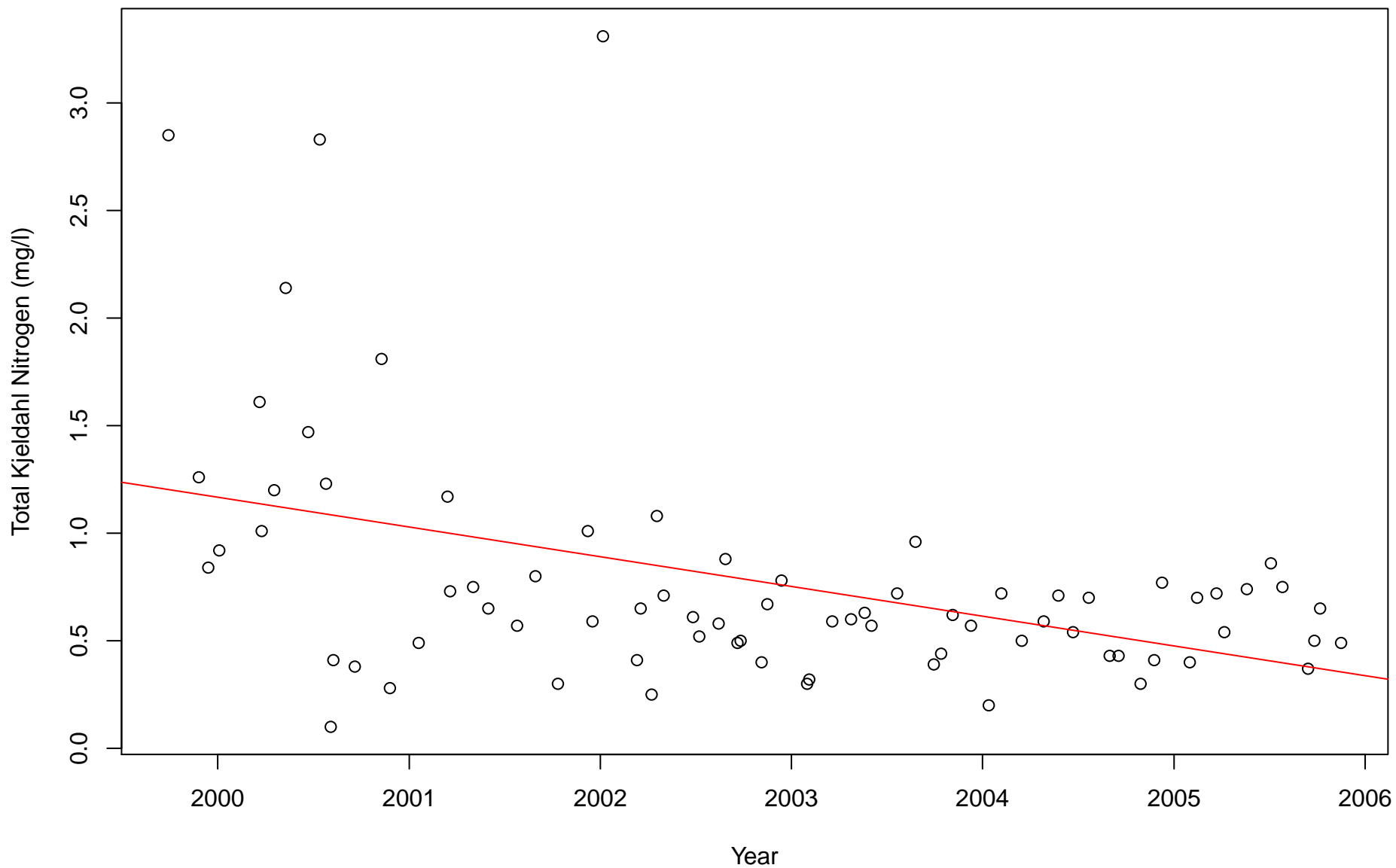
slope = -0.0643303996727209; p-value = 0.211716314085741

CH99MSI000096



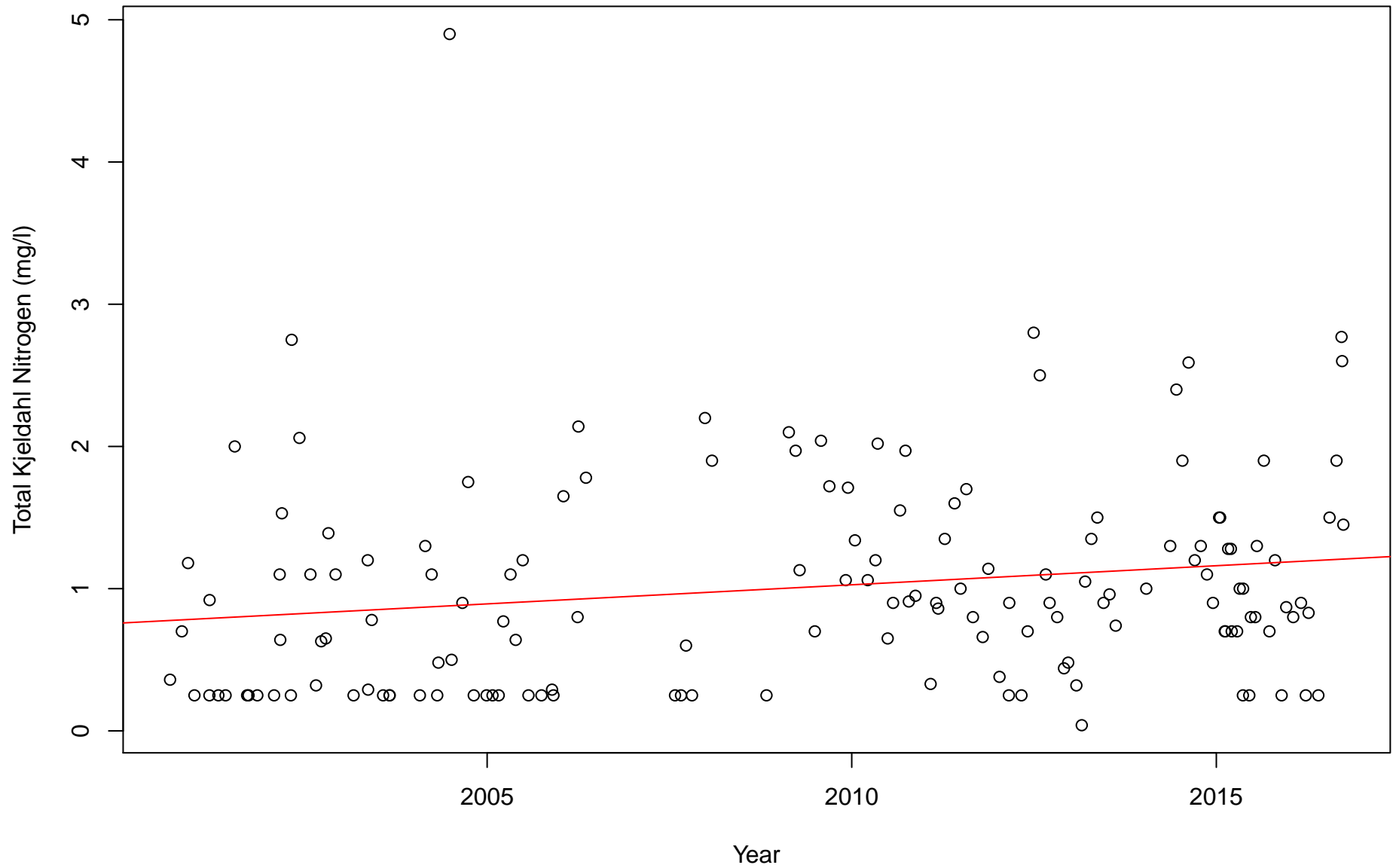
slope = -0.111343669345603; p-value = 0.184678745308178

CH99MSI000162

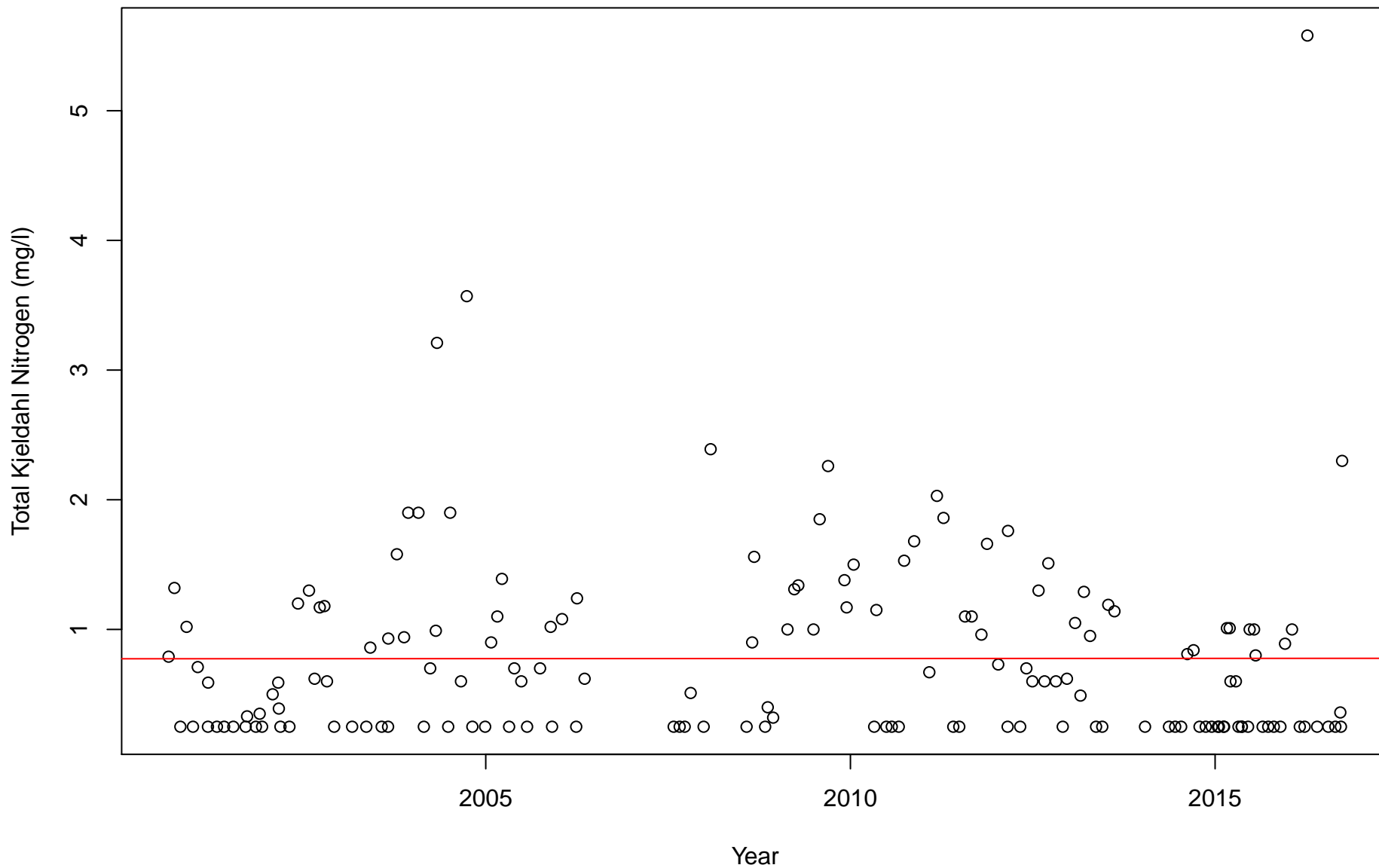


slope = -0.138128582336653 ; p-value = 0.000117302984957631

CR15MSI000003

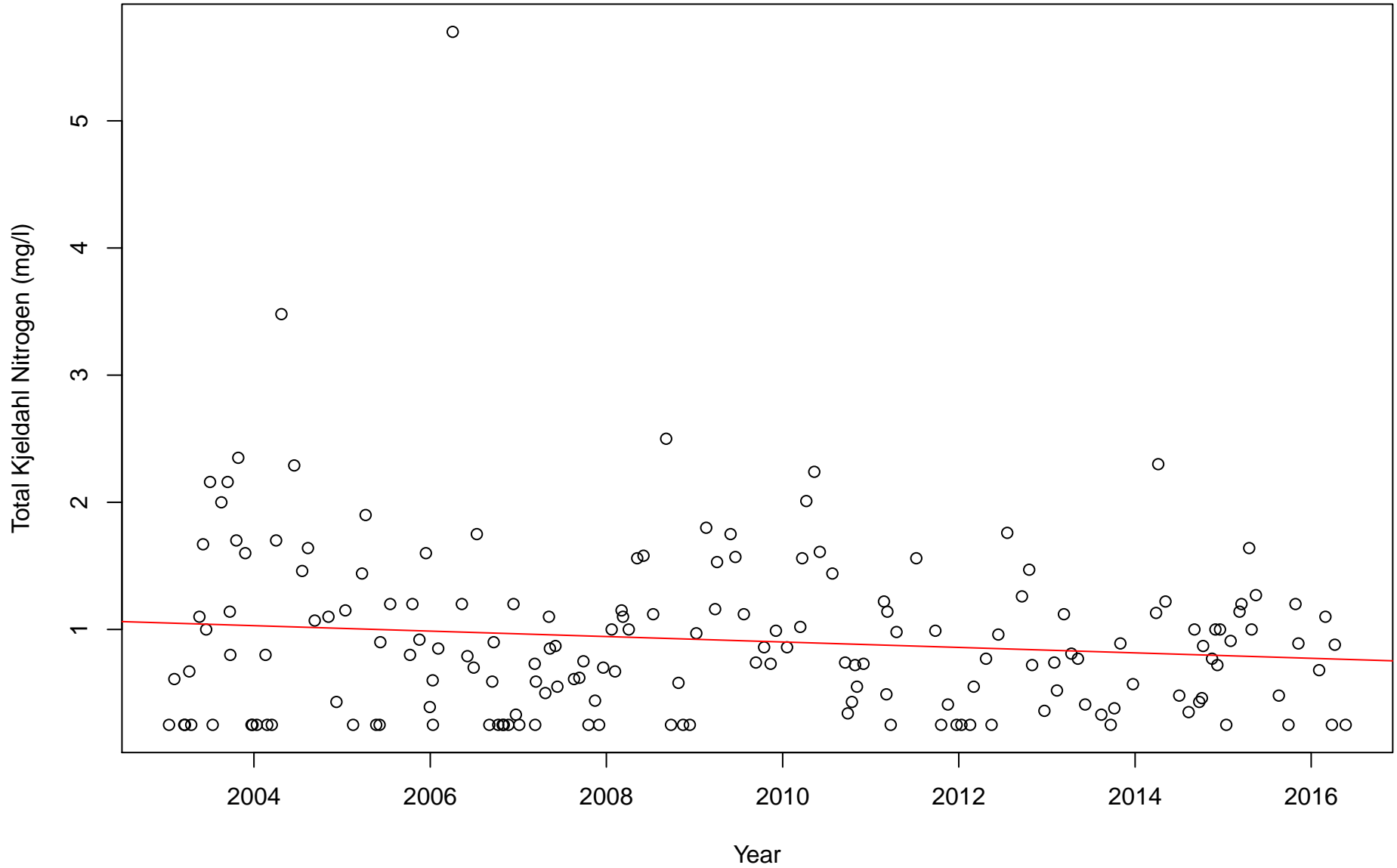


CR15MSI000004

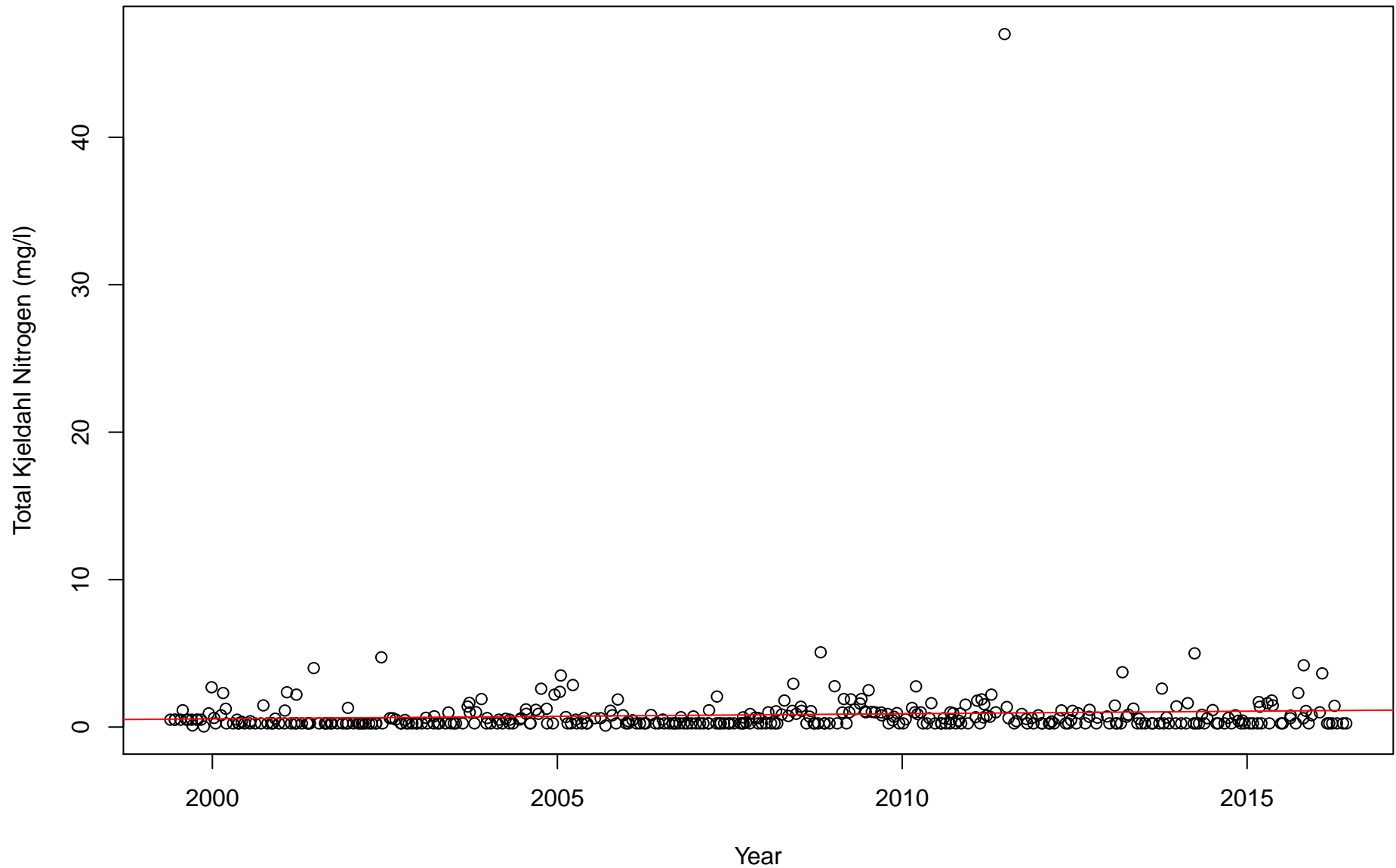


slope = 0.000188626403151832; p-value = 0.986639397292356

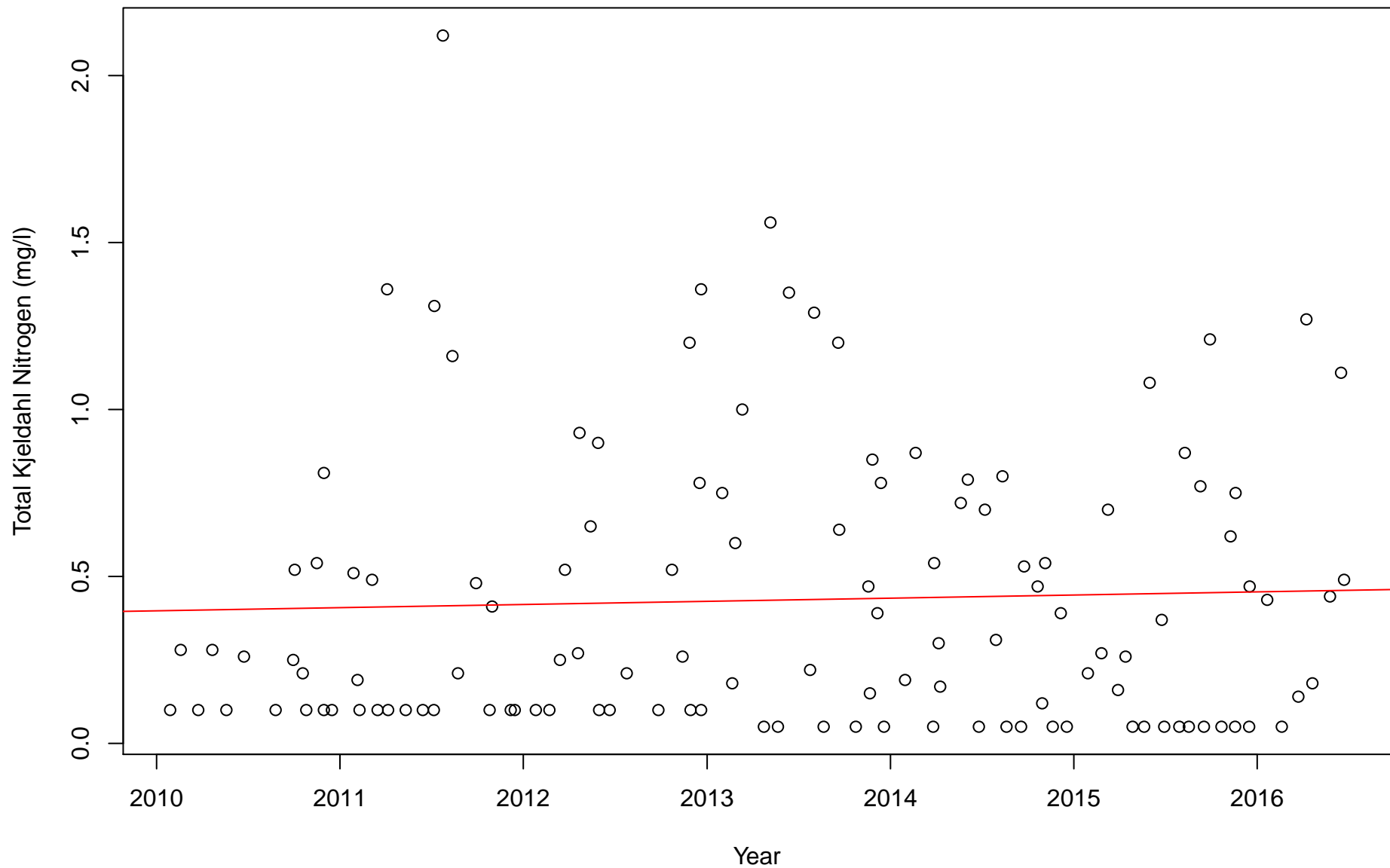
FR02MSI000059



FR99MSI000058

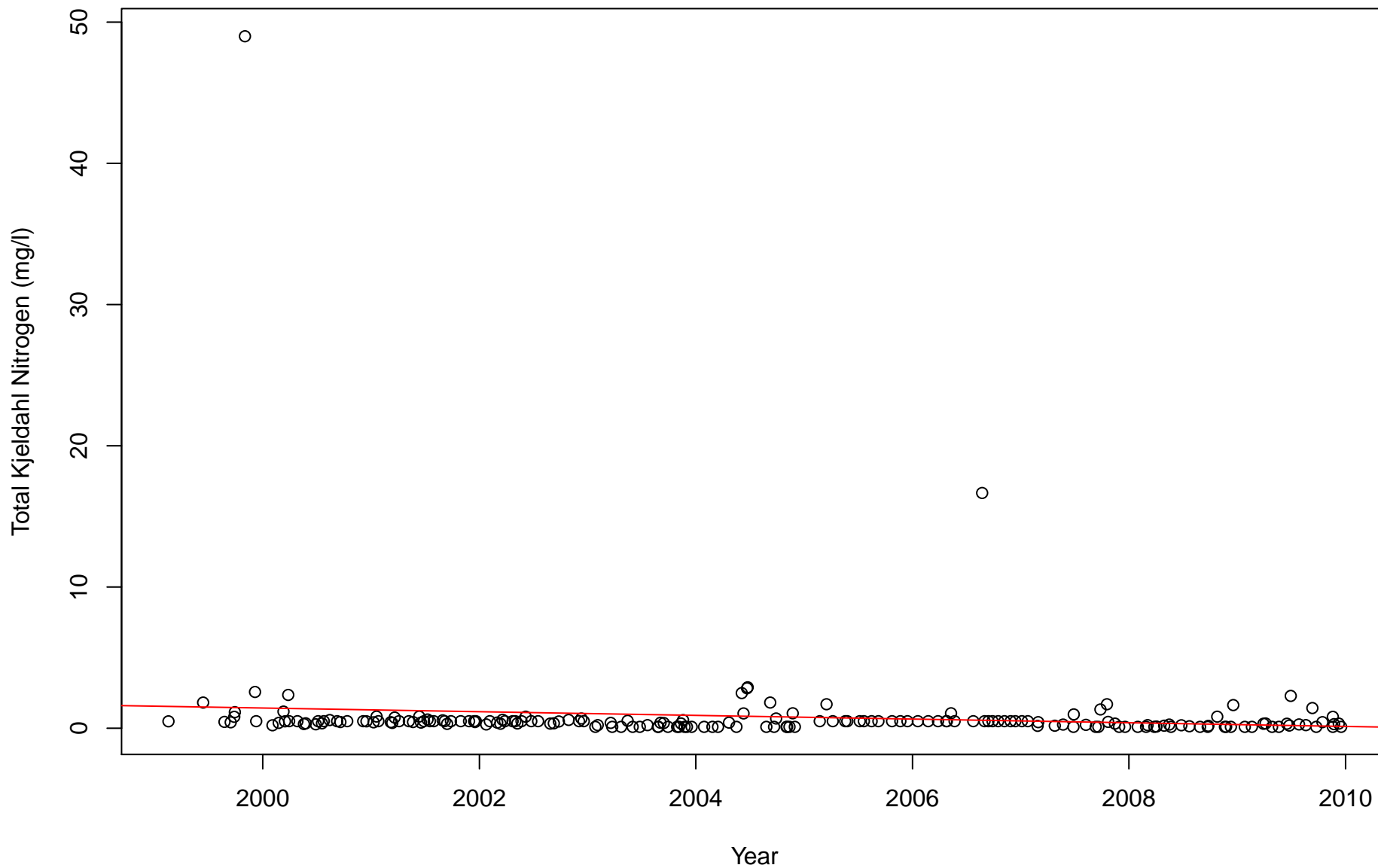


HA10MSI0WC002



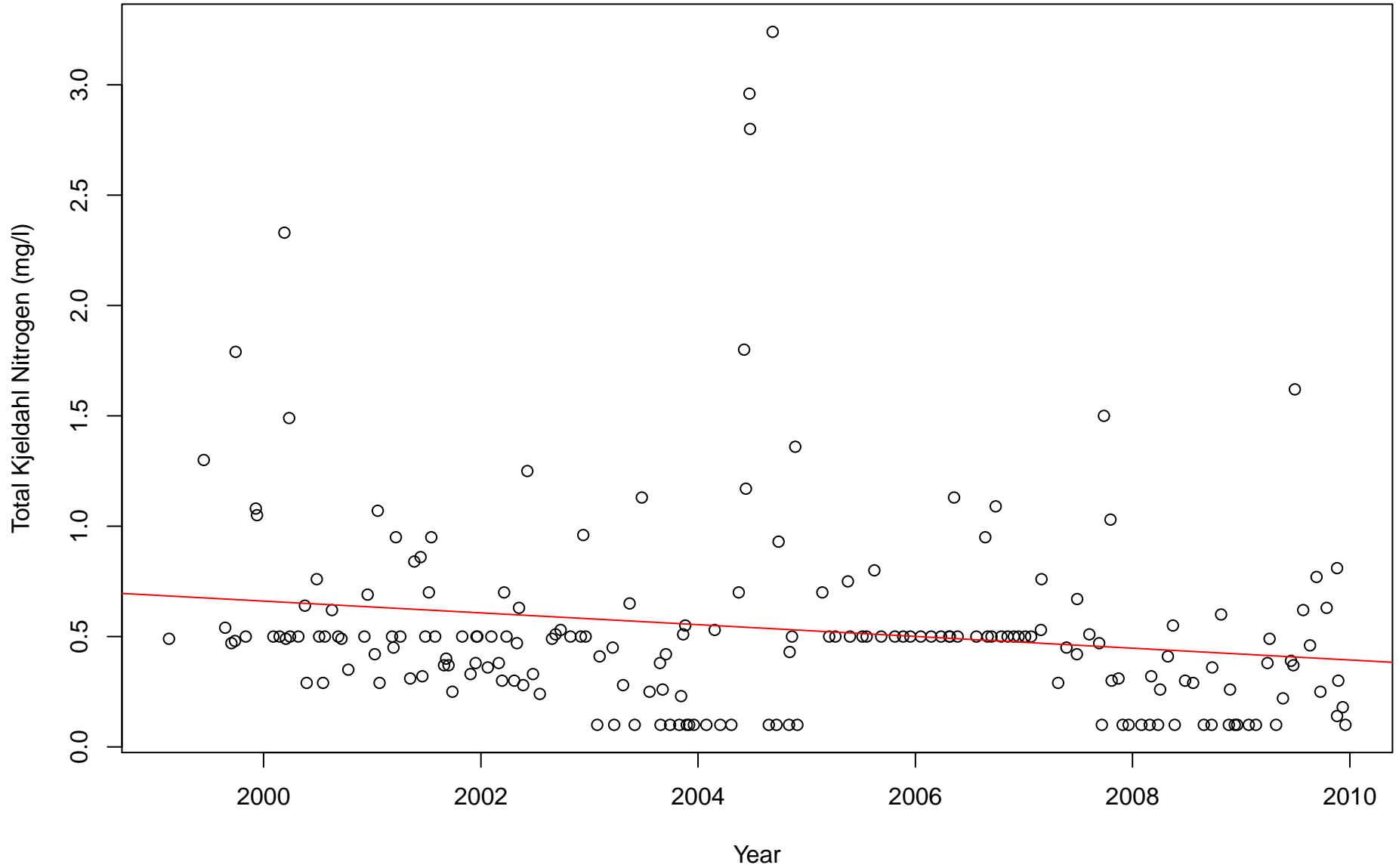
slope = 0.00944977646636442; p-value = 0.650675942174874

HA99MSI000001



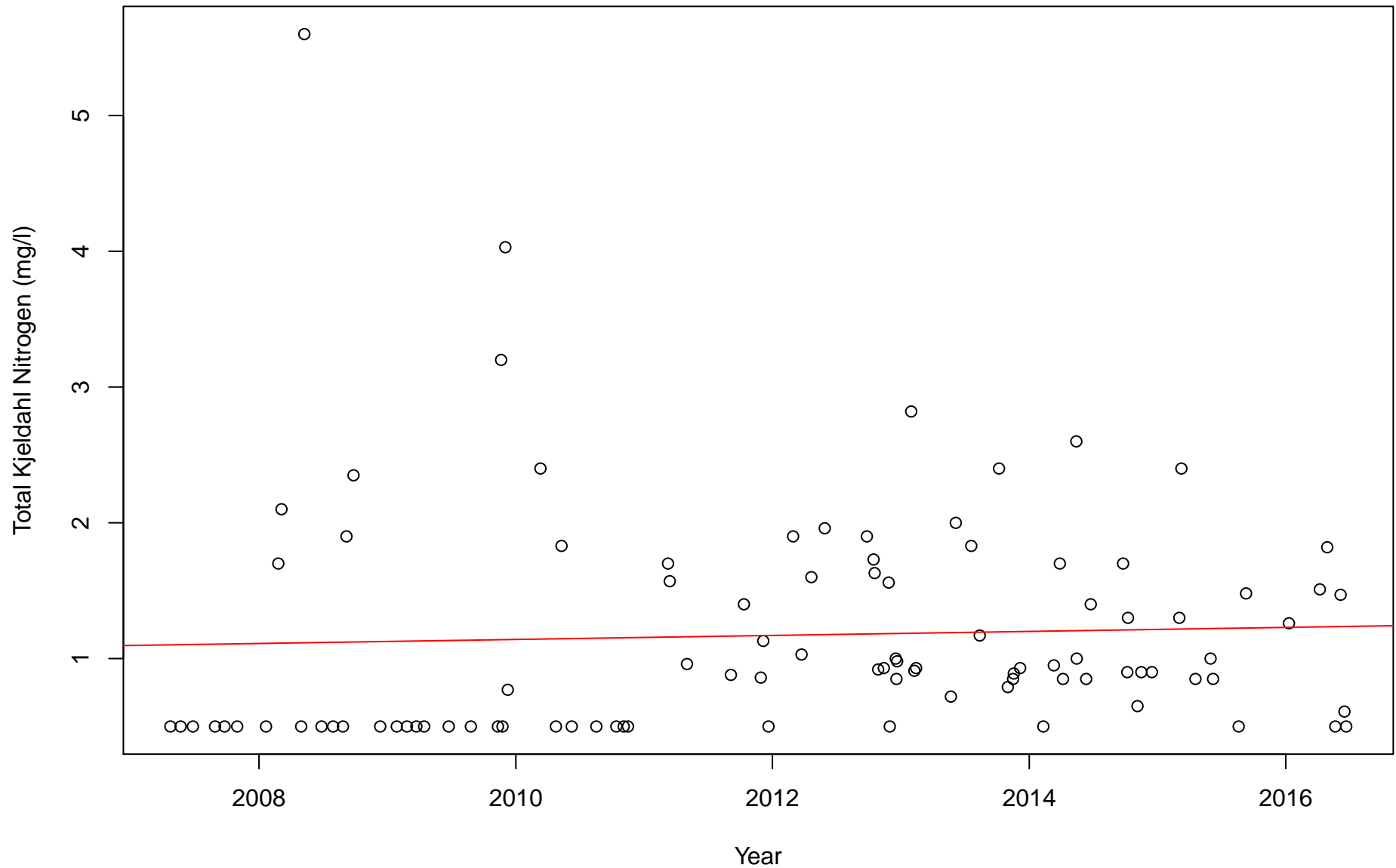
slope = -0.130335728784273; p-value = 0.129259354677114

HA99MSI000002



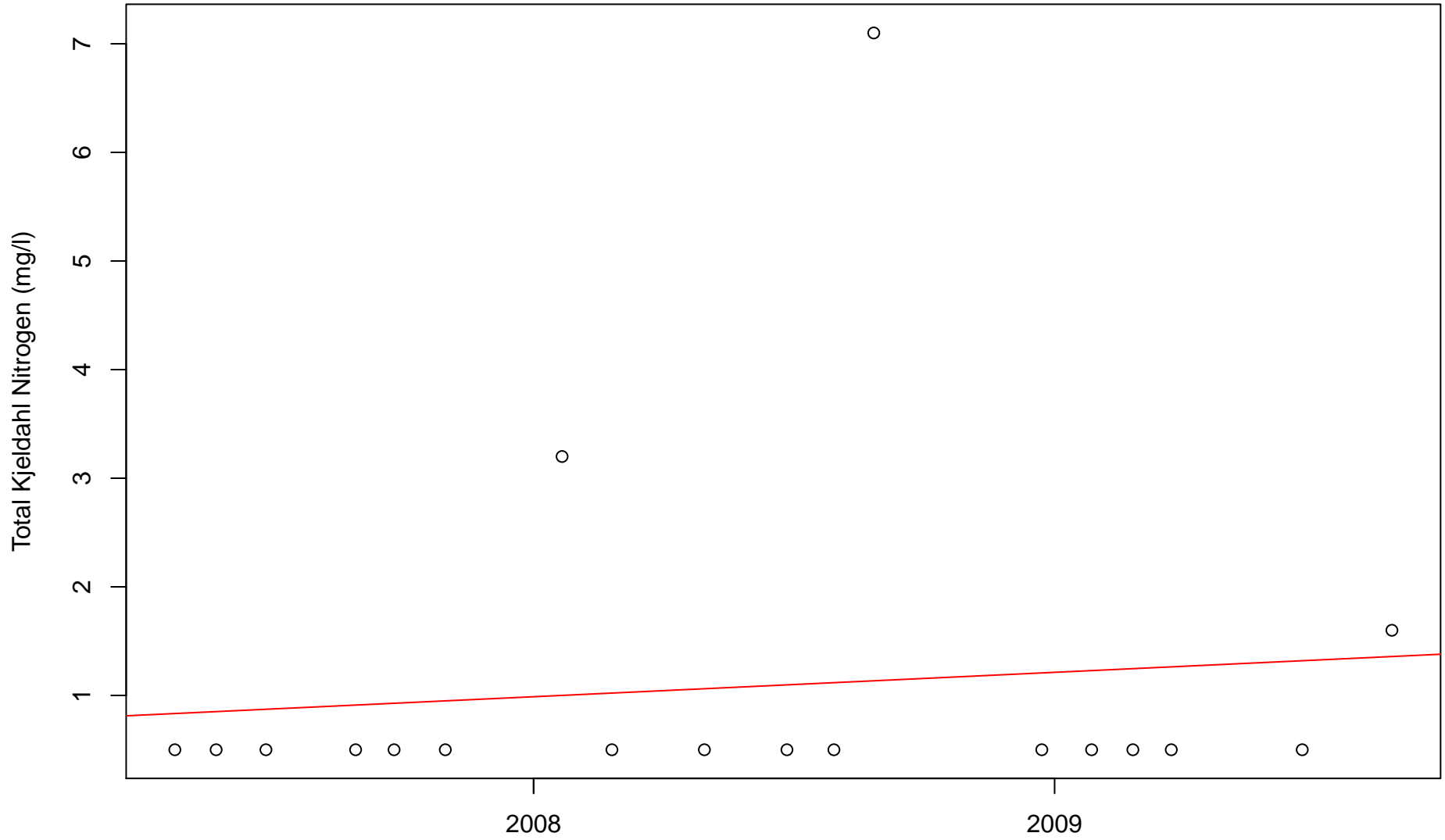
slope = -0.026649426771434 ; p-value = 0.0137230416261287

HO07MSI000035



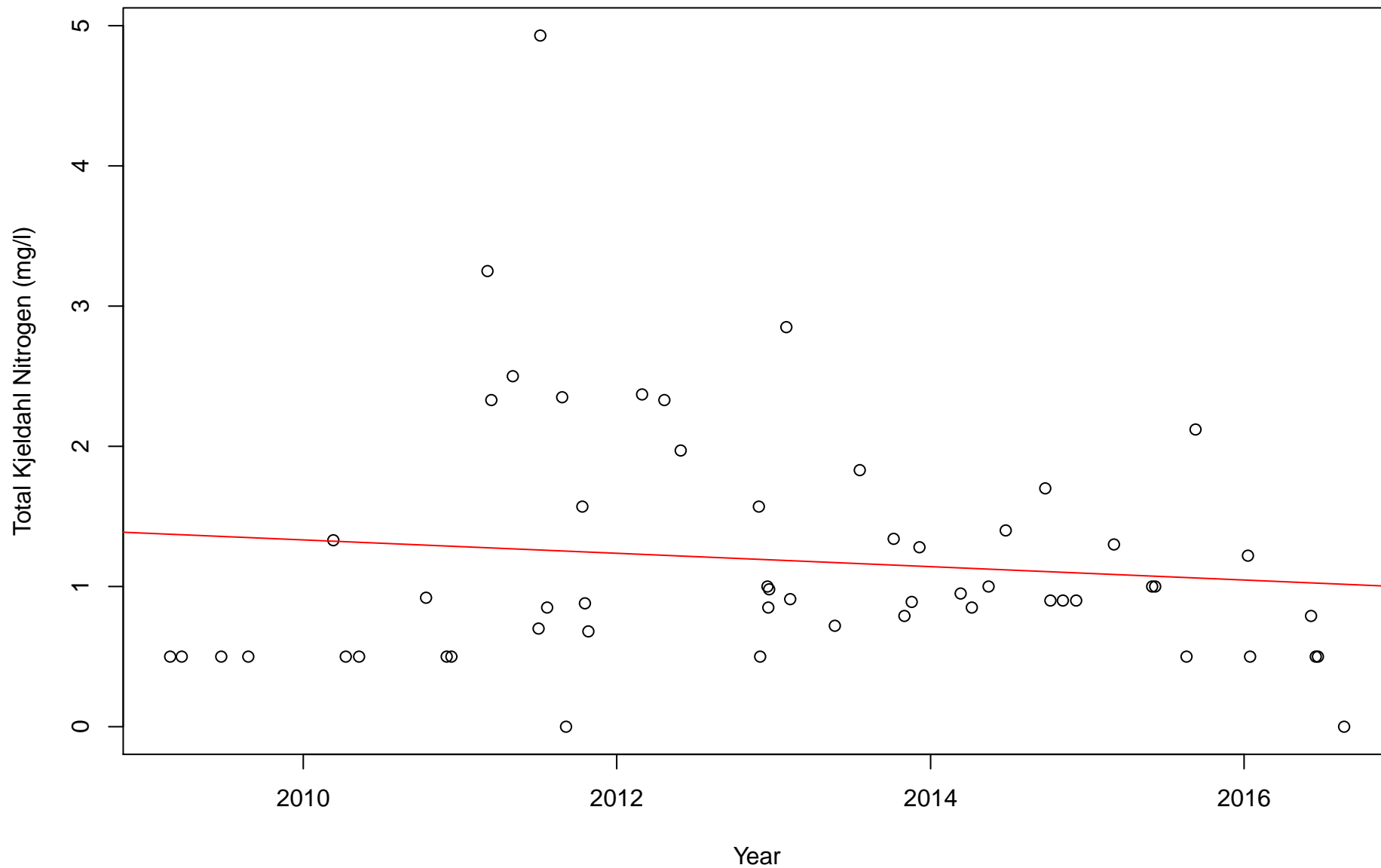
slope = 0.0147872177205468; p-value = 0.645453662192773

HO07MSI0000CL



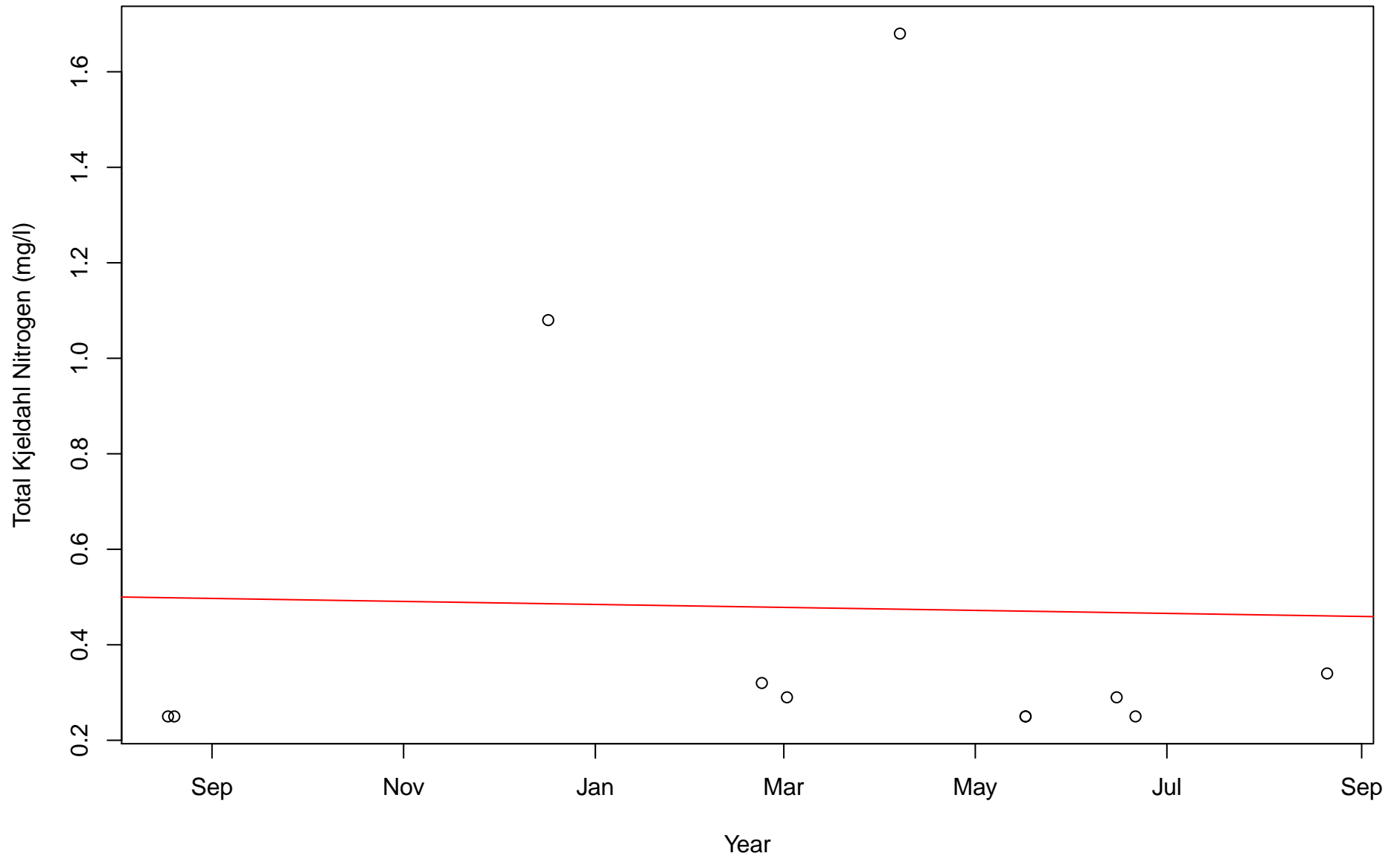
Year
slope = 0.224057978177583; p-value = 0.688833660958232

HO09MSI000036



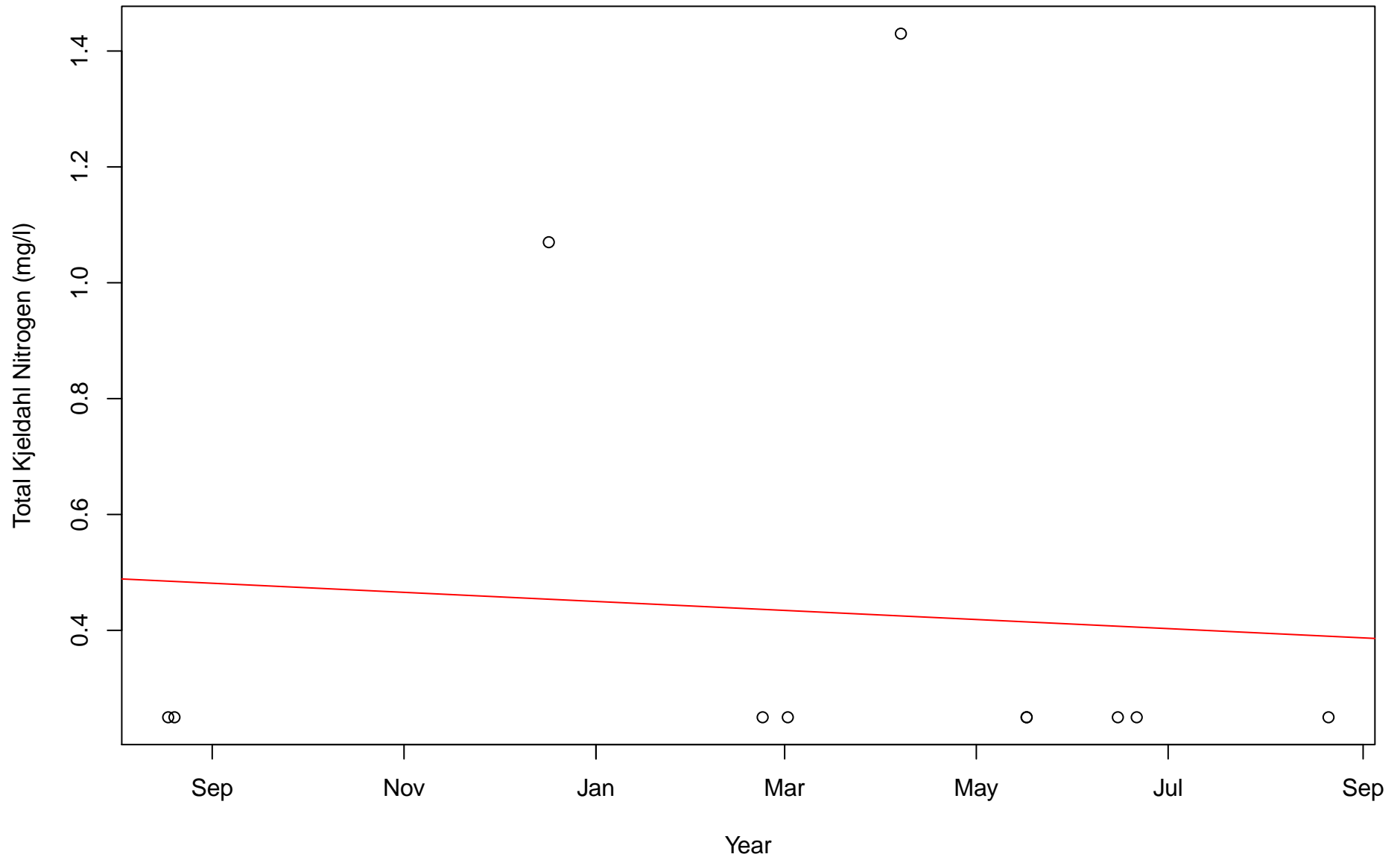
slope = -0.0476535603934795 ; p-value = 0.406441610675772

HO10MSI000037



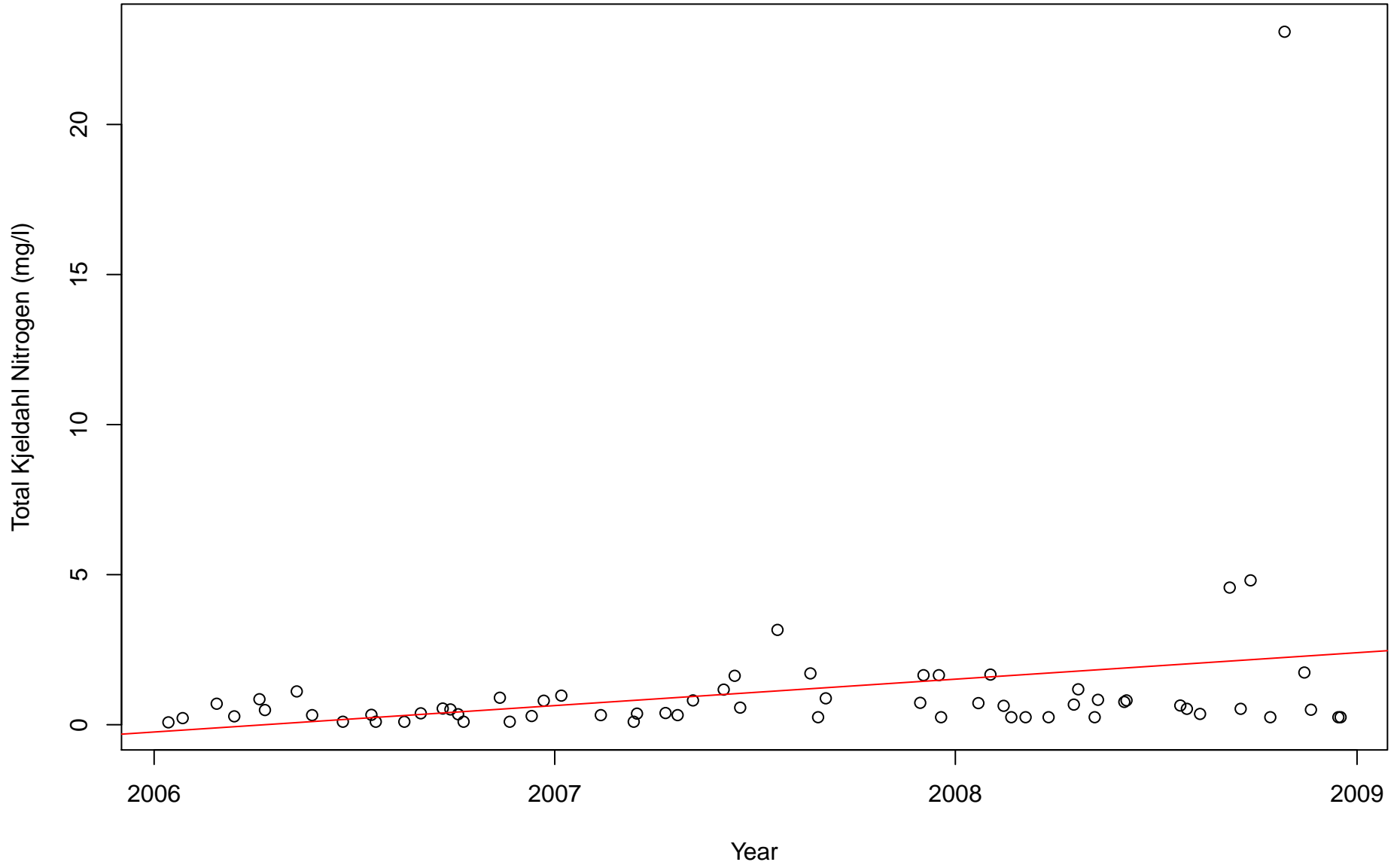
slope = -0.0375963612407749 ; p-value = 0.937691429506856

HO10MSI000038



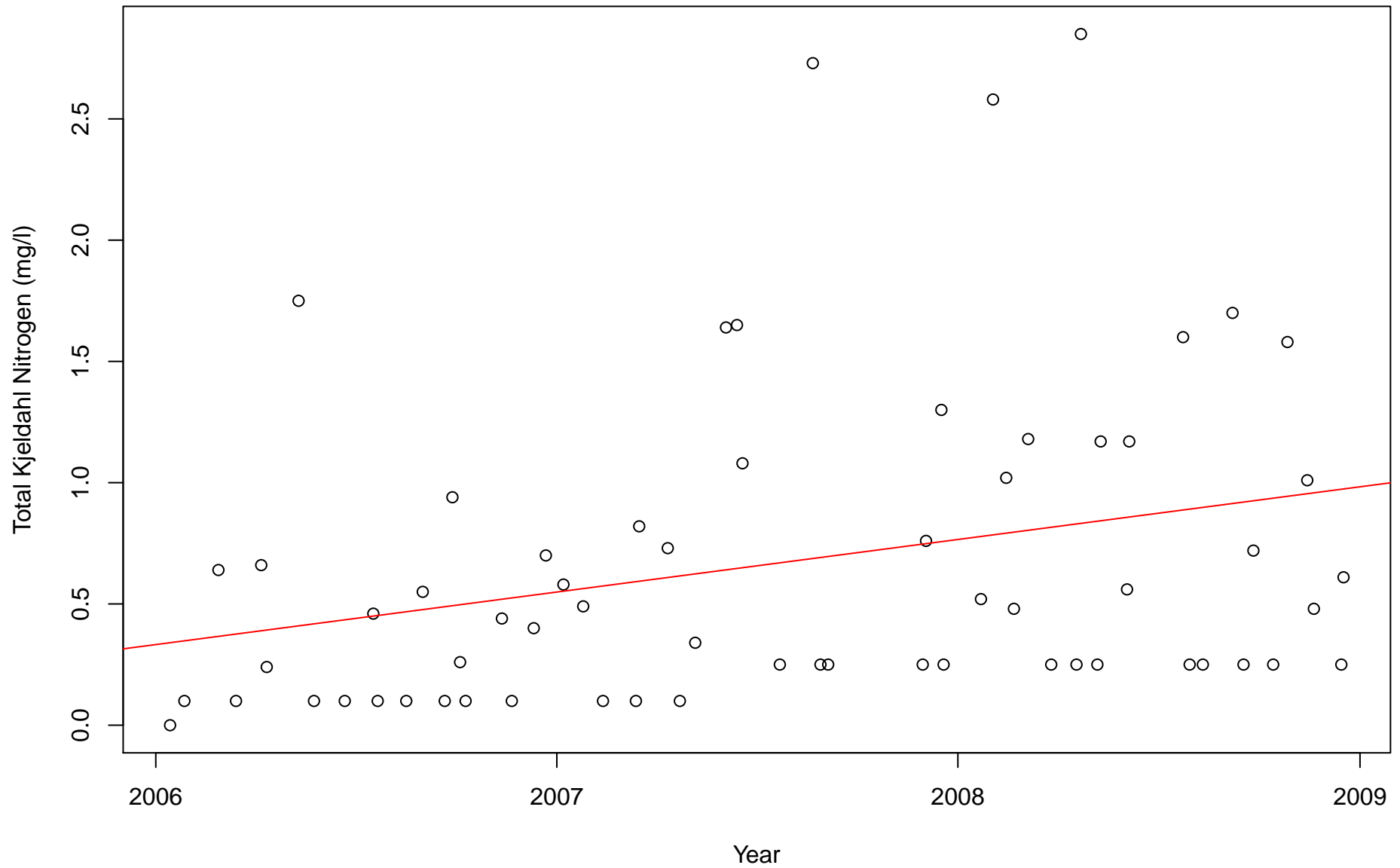
slope = -0.0940381342406205 ; p-value = 0.824534499133392

MO02MSI000104



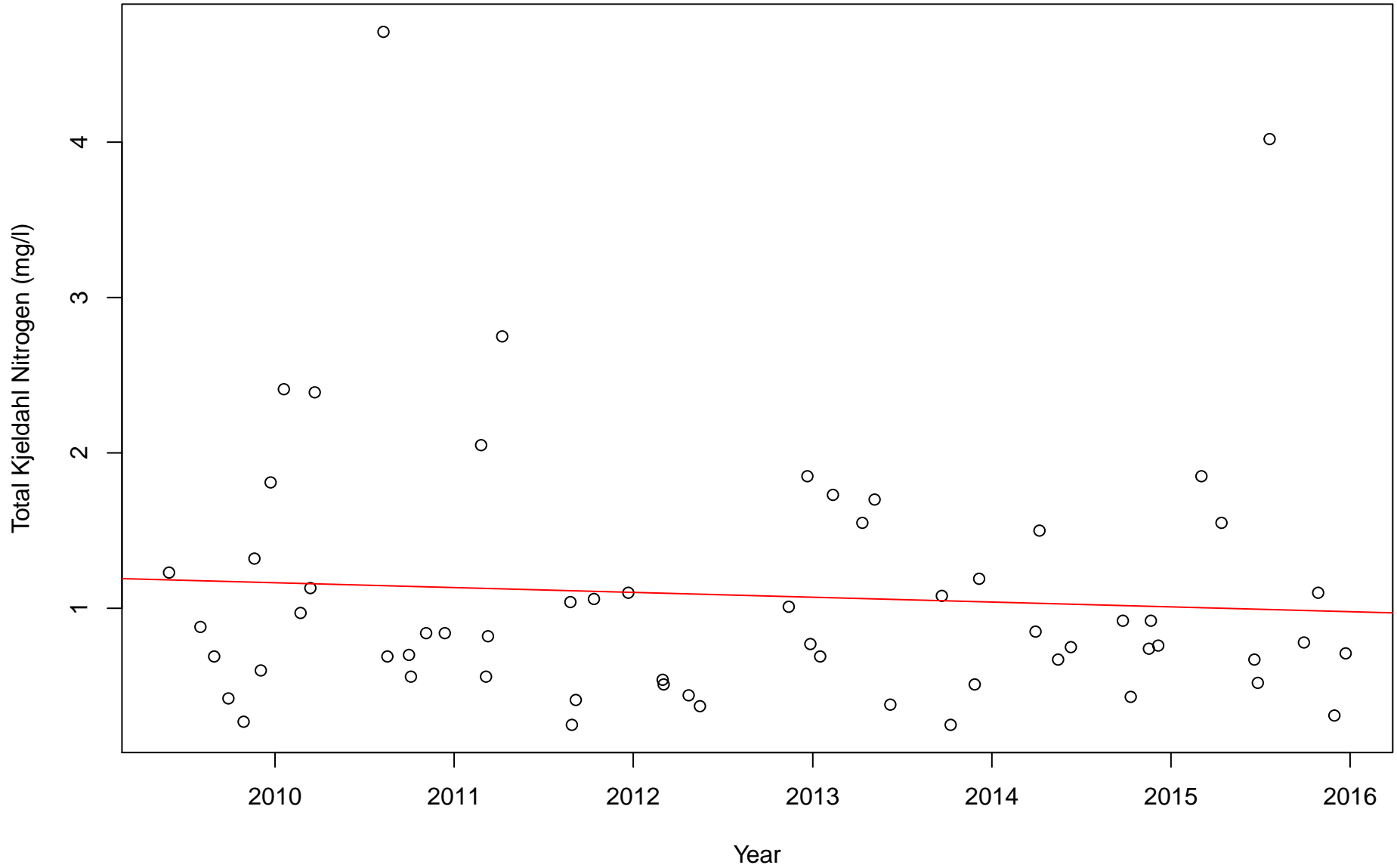
slope = 0.880177057421424; p-value = 0.0362270503128679

MO02MSI000310



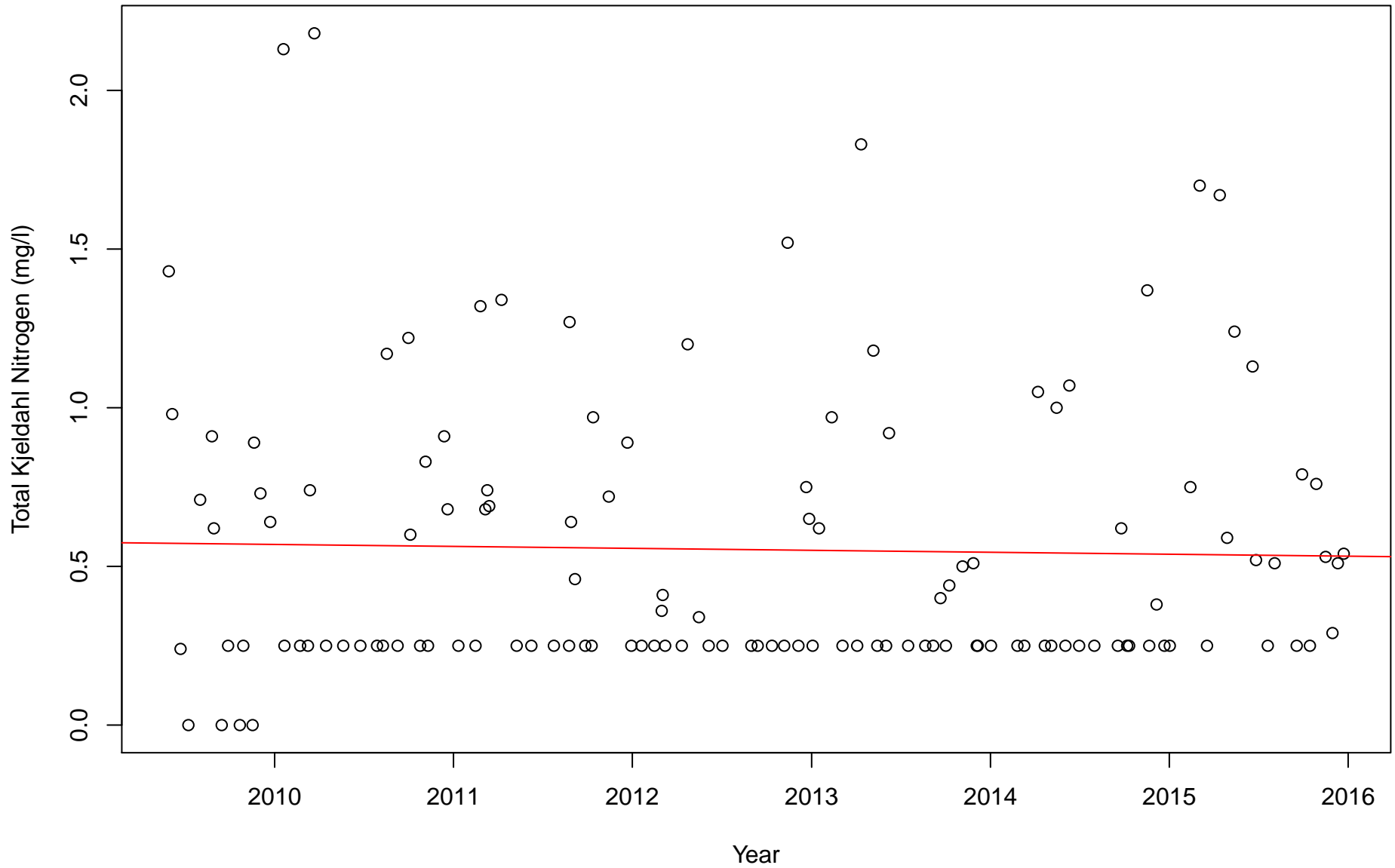
slope = 0.216667333749365; p-value = 0.0206252915300935

MO09MSI000001



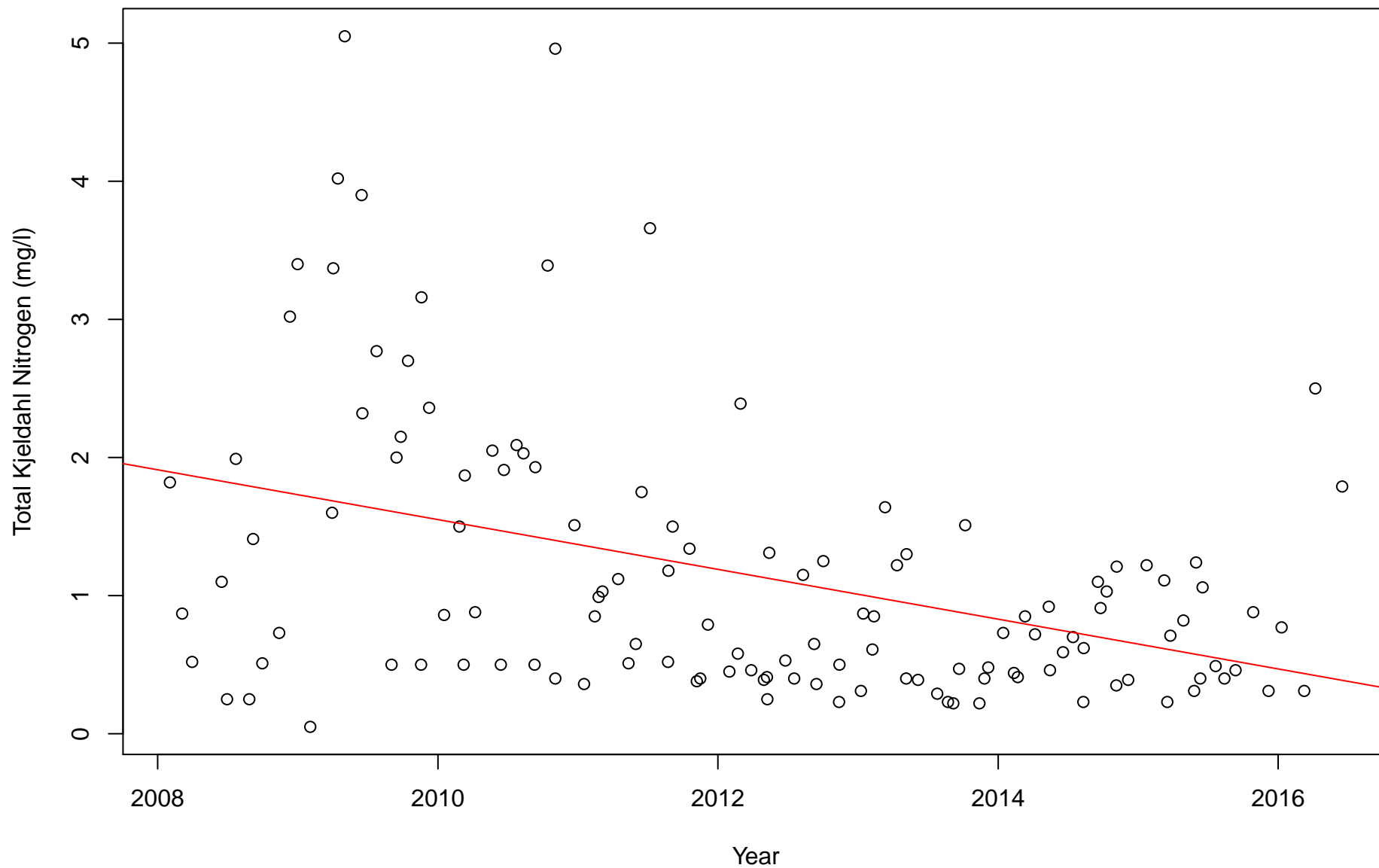
slope = -0.0310510877975049 ; p-value = 0.560095260596274

MO09MSI000002



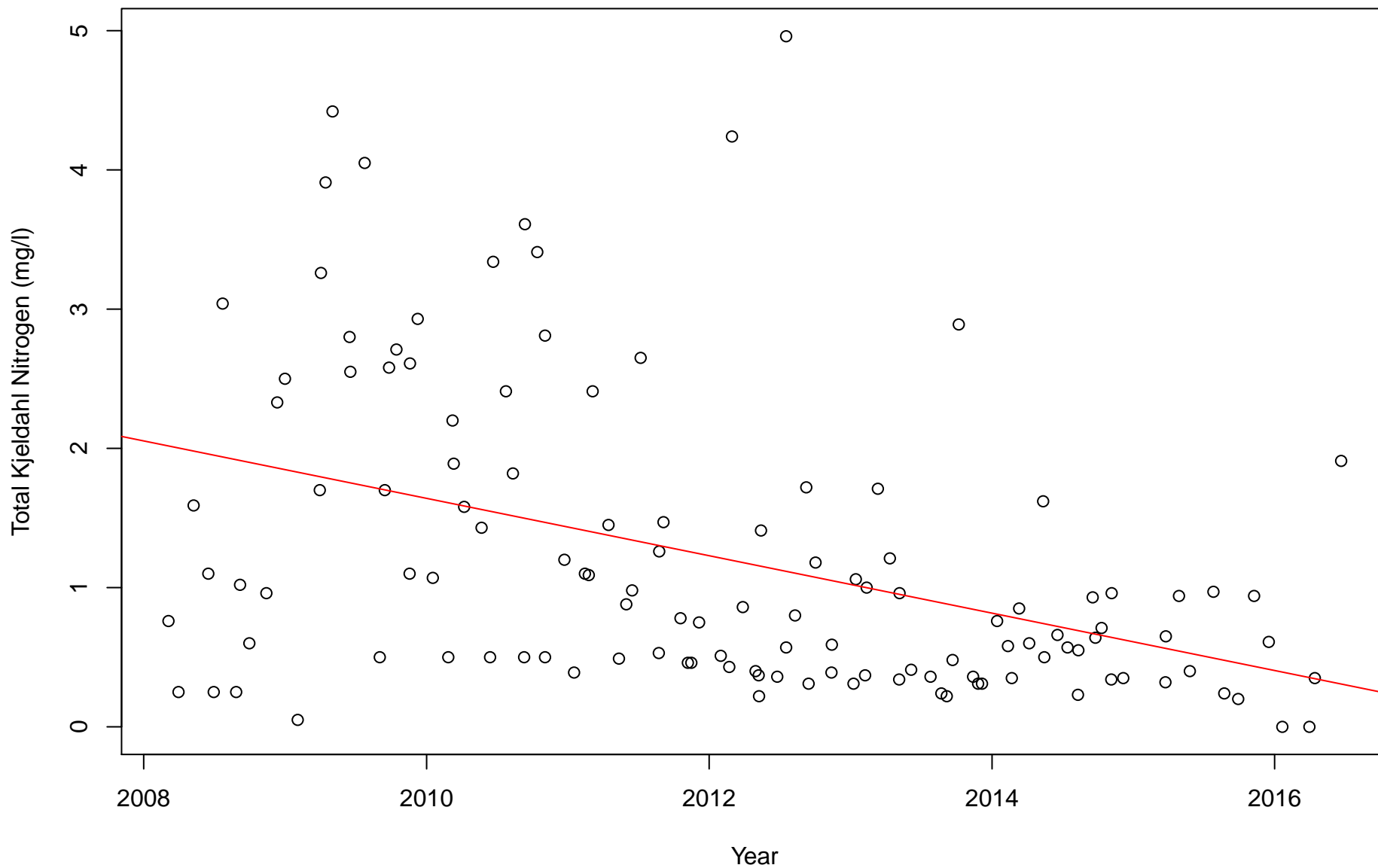
slope = -0.00616579296230777 ; p-value = 0.756792504992255

PG15MSI000012



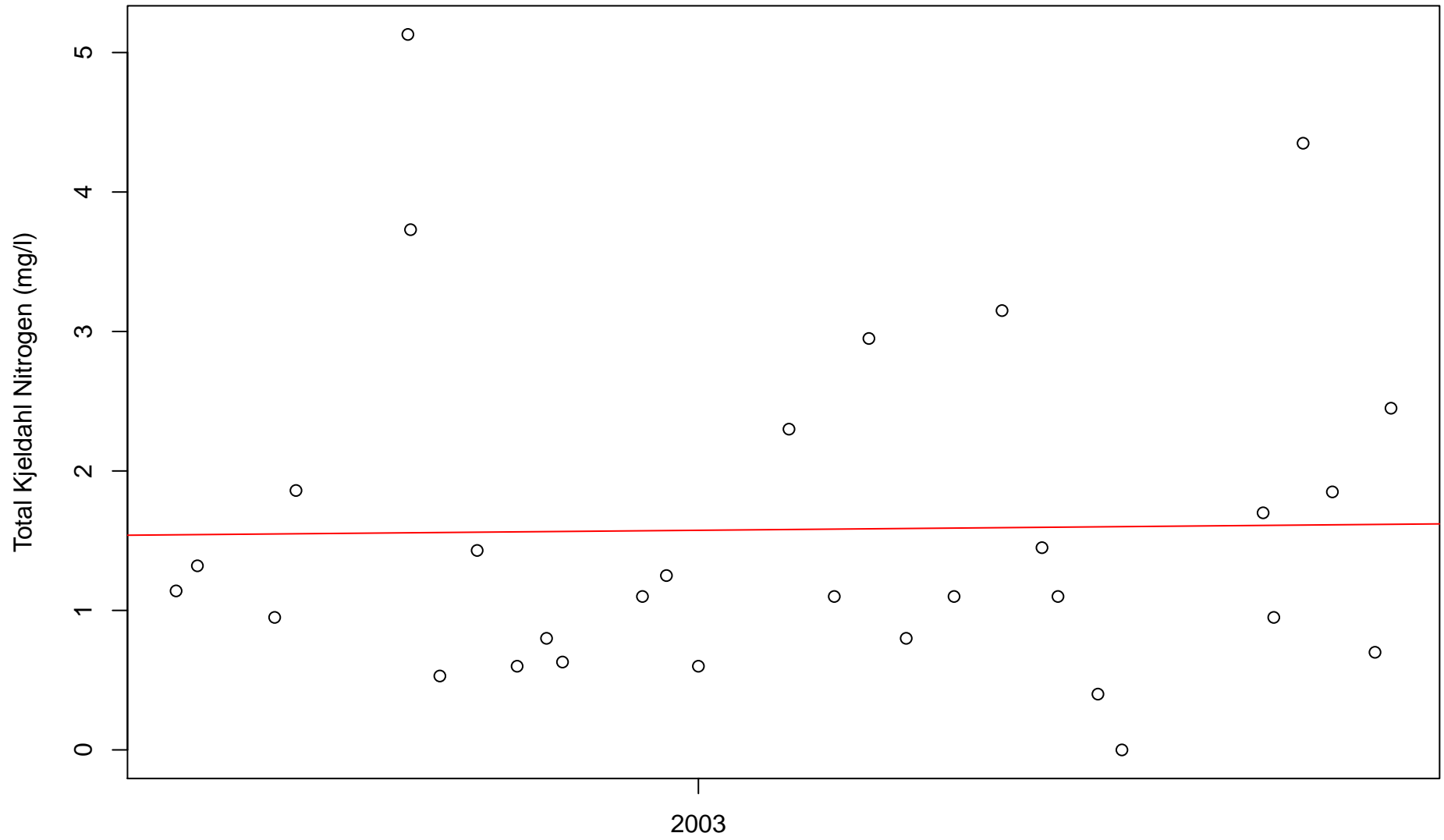
slope = -0.180114473639896; p-value = 1.92476217571916e-06

PG15MSI000013



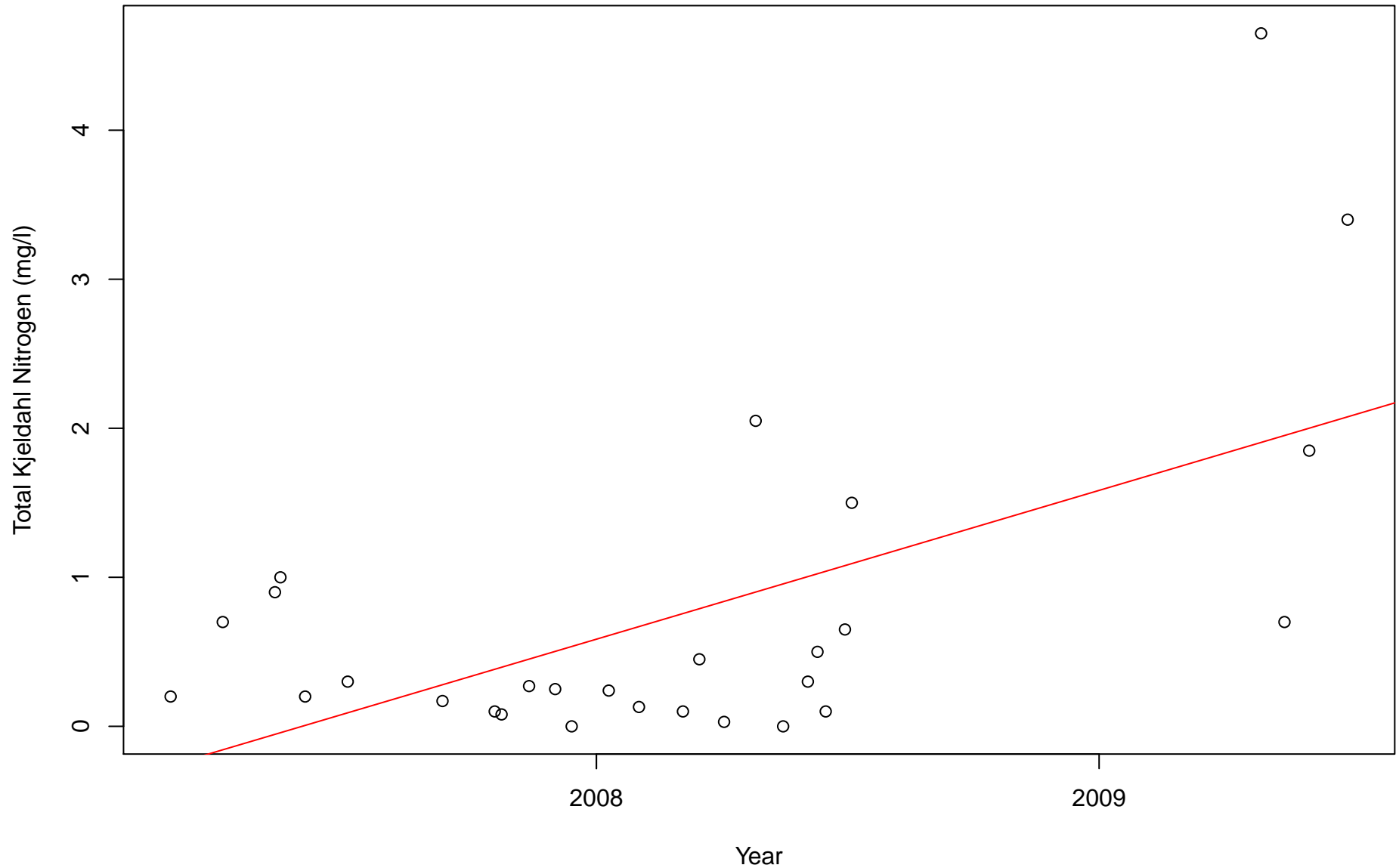
slope = -0.205967624137912 ; p-value = $9.34747891093931 \times 10^{-7}$

SHA02MSI00MR01



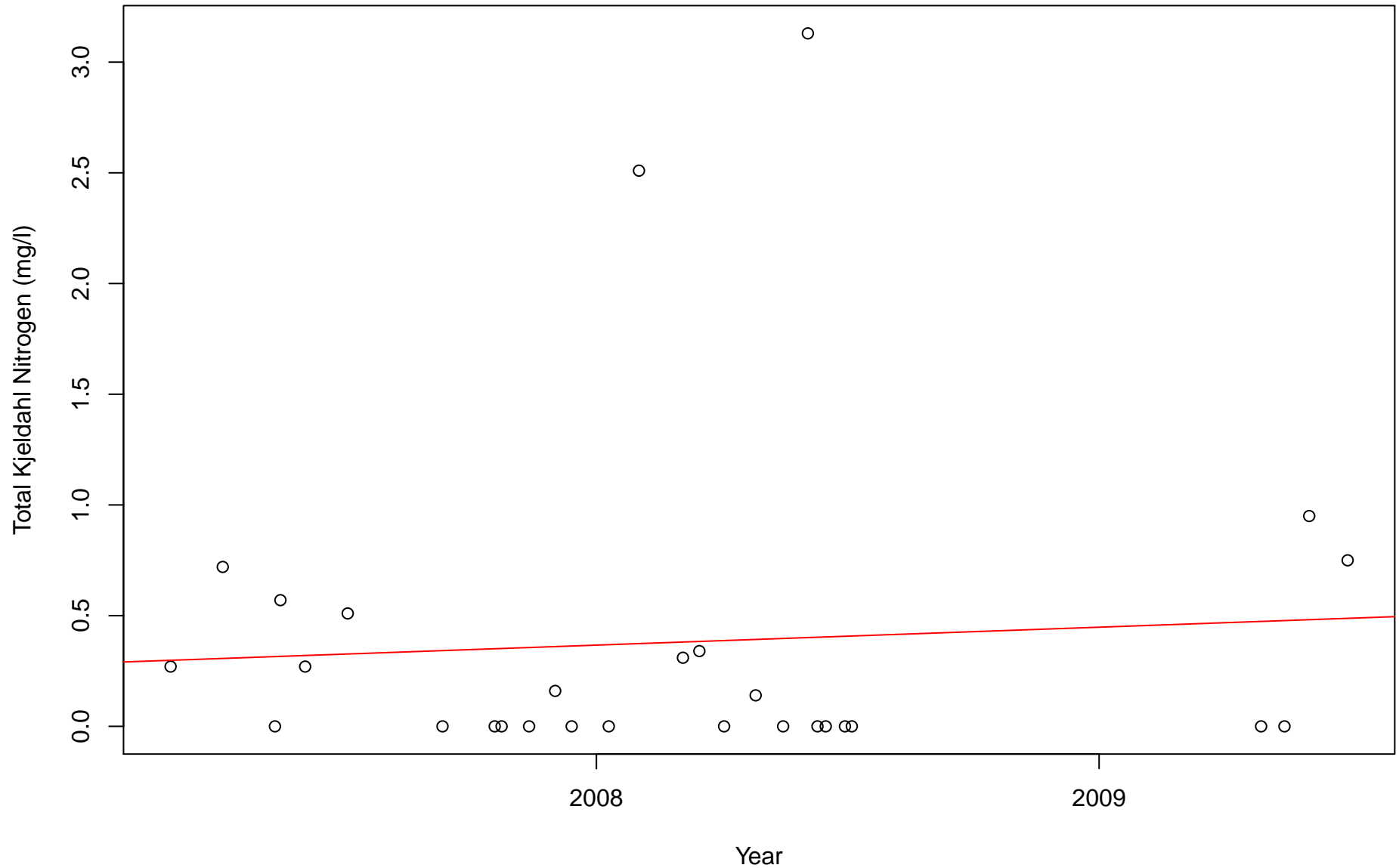
Year
slope = 0.0601829227189143; p-value = 0.919507498160774

SHA04MSI00GS01



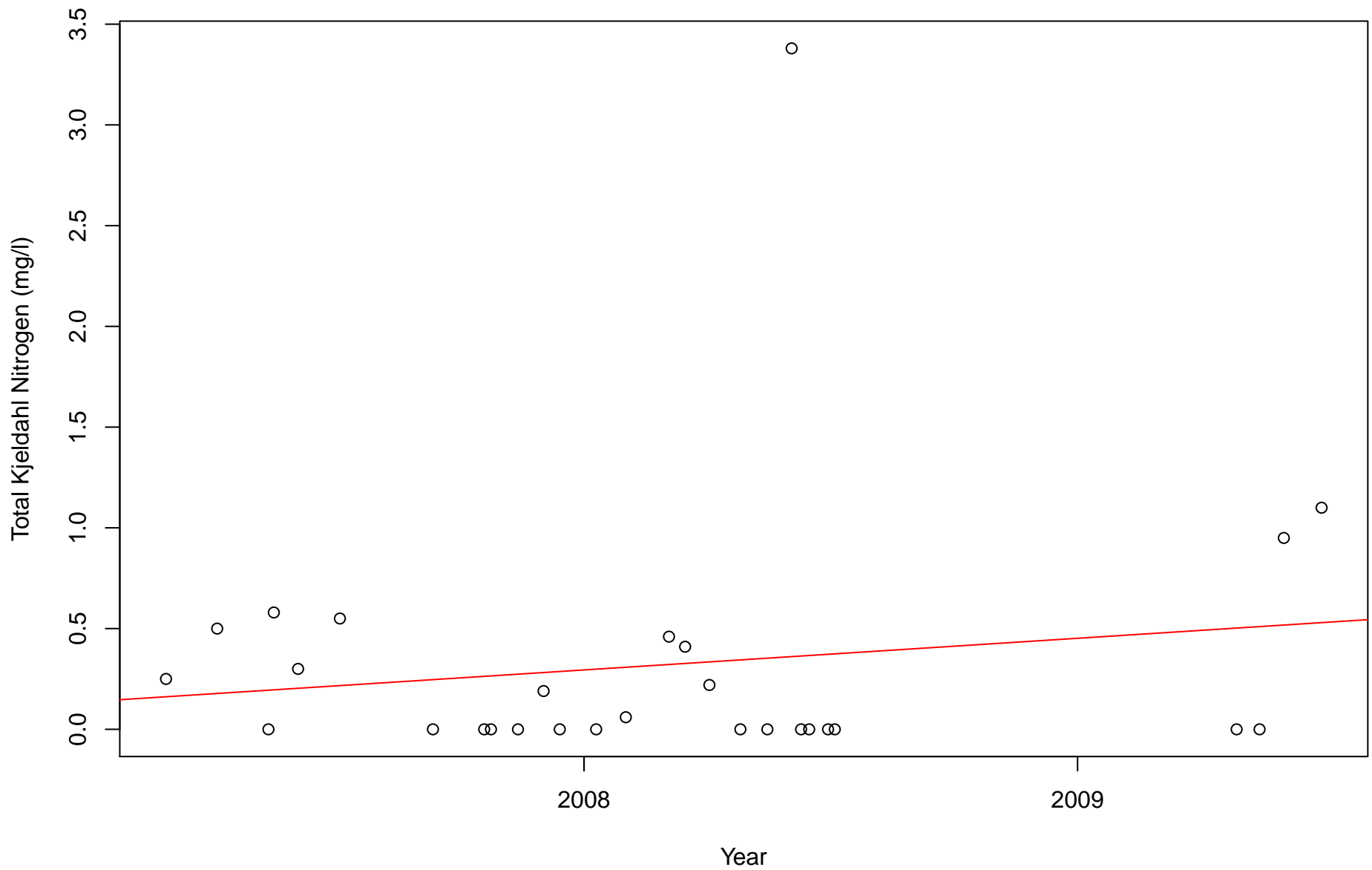
slope = 0.995761479482565; p-value = 0.000739820578910851

SHA04MSI00GS02



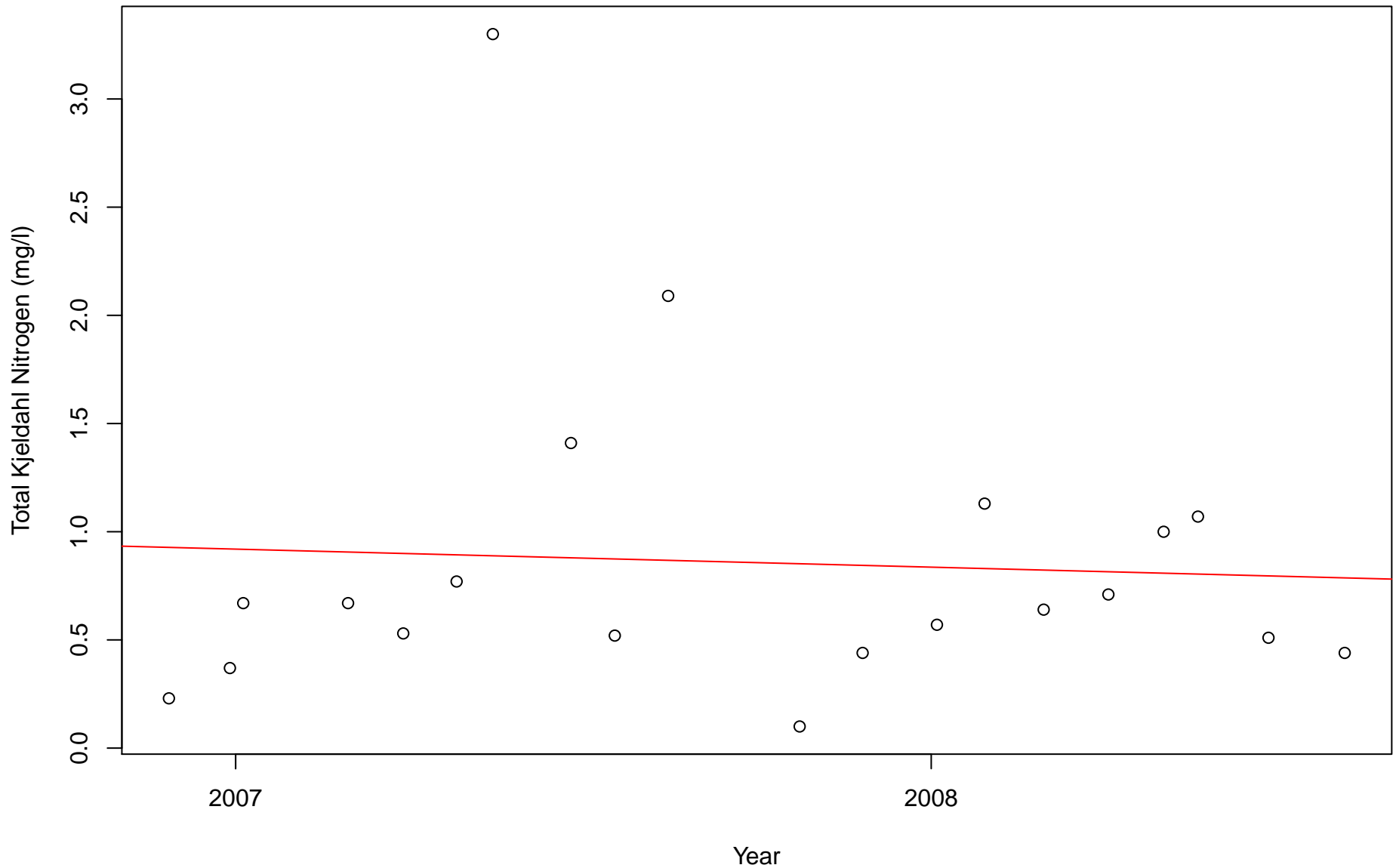
slope = 0.0807280233352431; p-value = 0.720668113333036

SHA04MSI00GS03



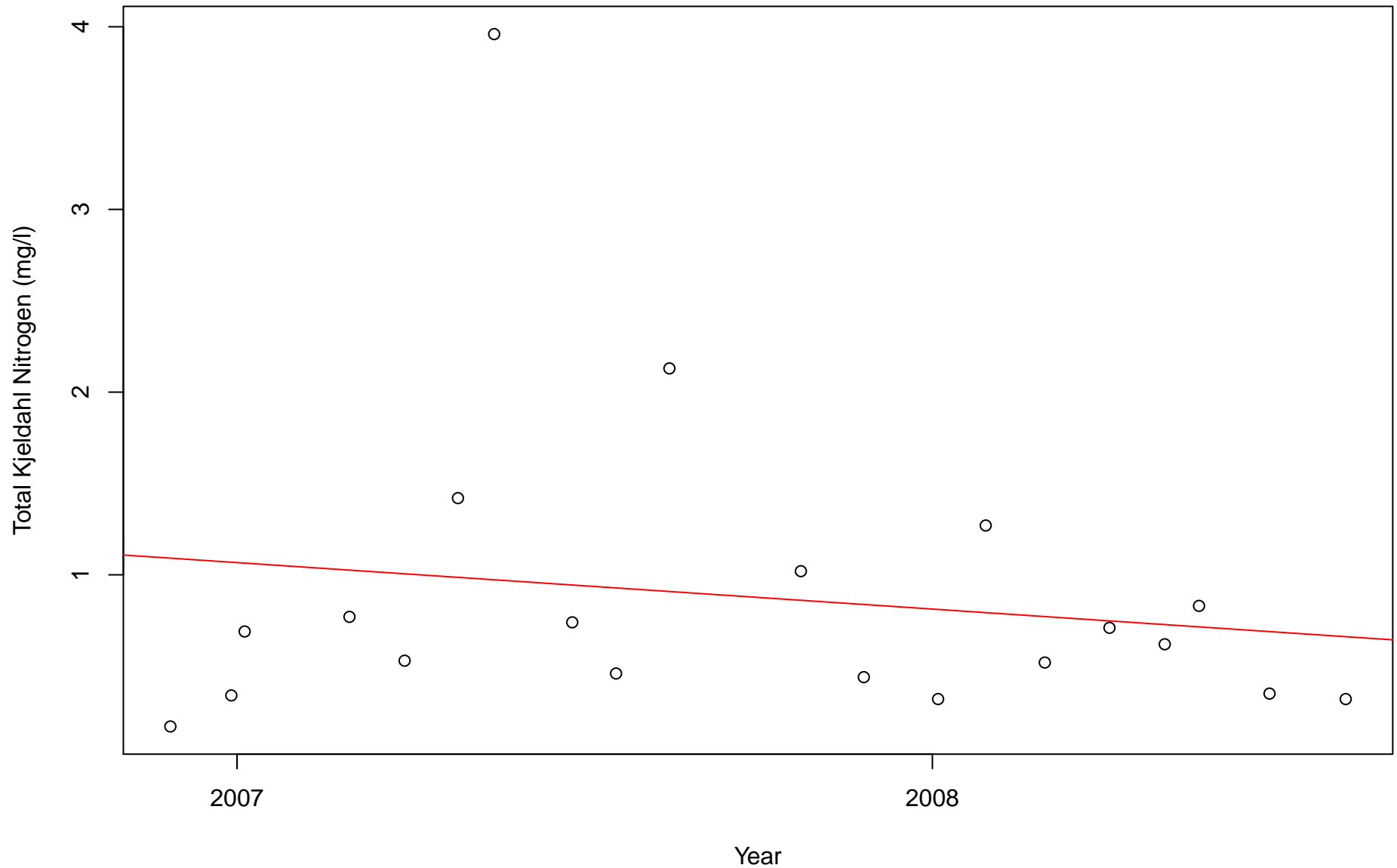
slope = 0.15673968191945; p-value = 0.438530699409516

SHA06MSI00LD01



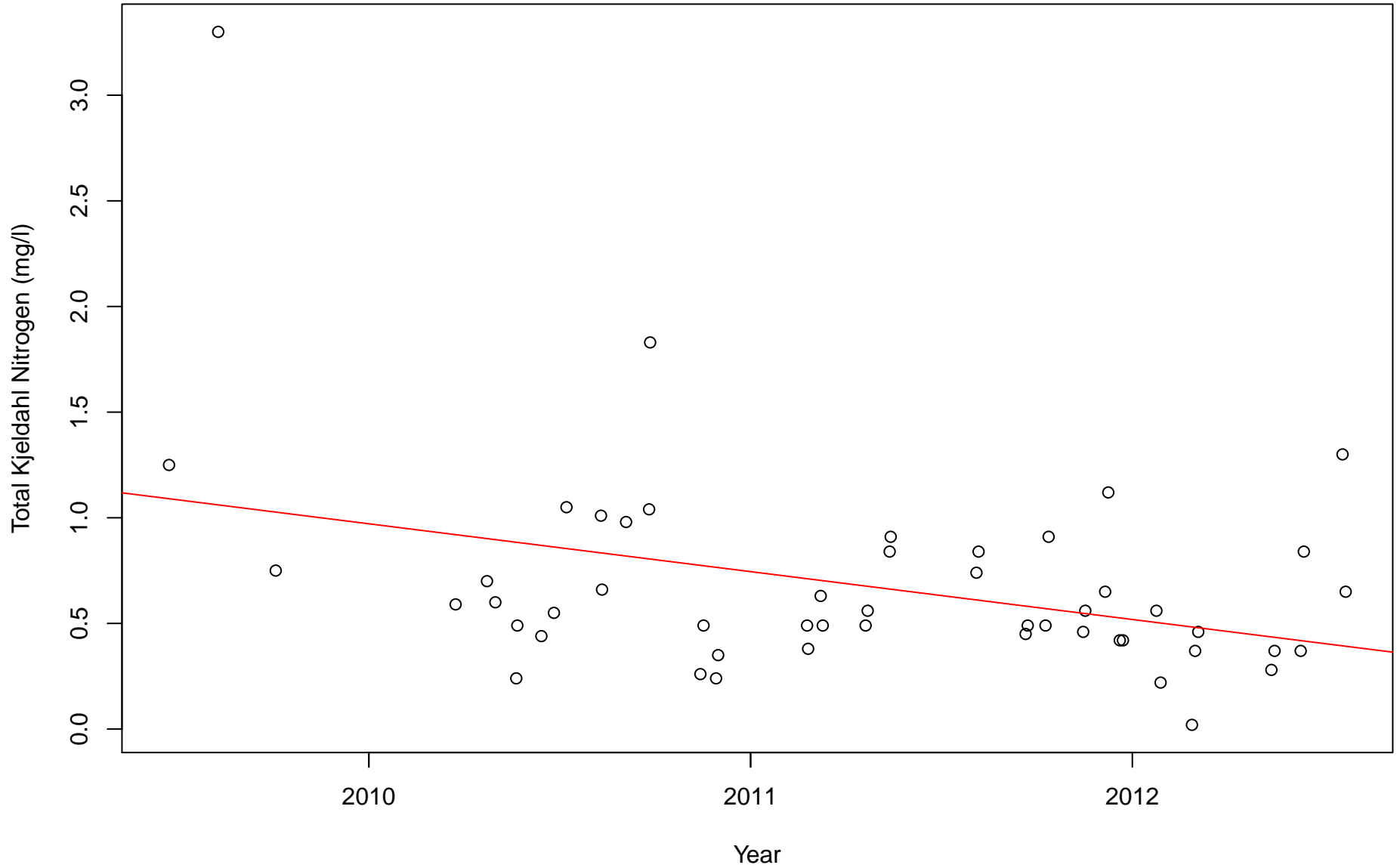
slope = -0.0833667992480776 ; p-value = 0.795918833621061

SHA06MSI00LD02



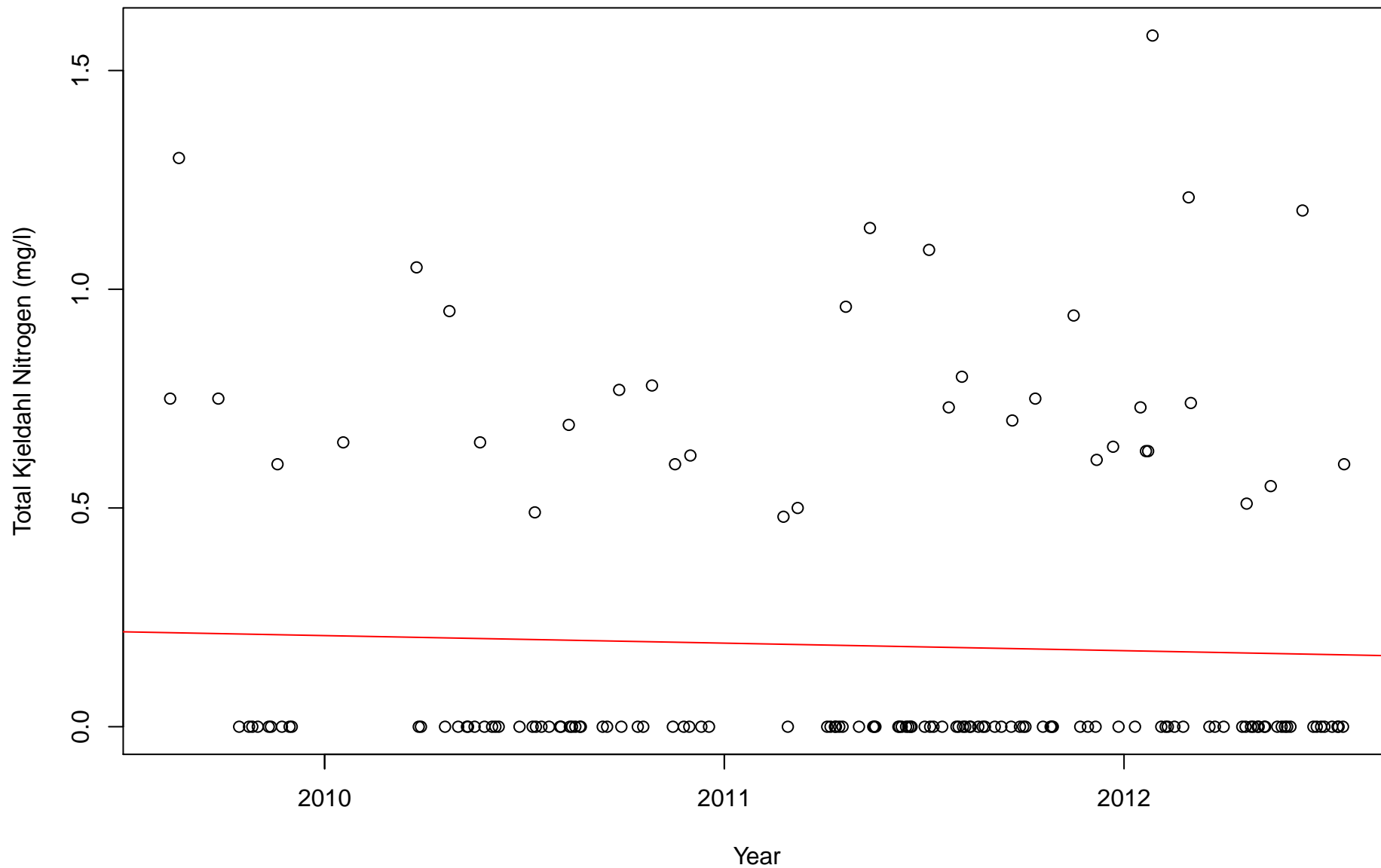
slope = -0.254279881617603 ; p-value = 0.501503579456306

SHA08MSI00WI01

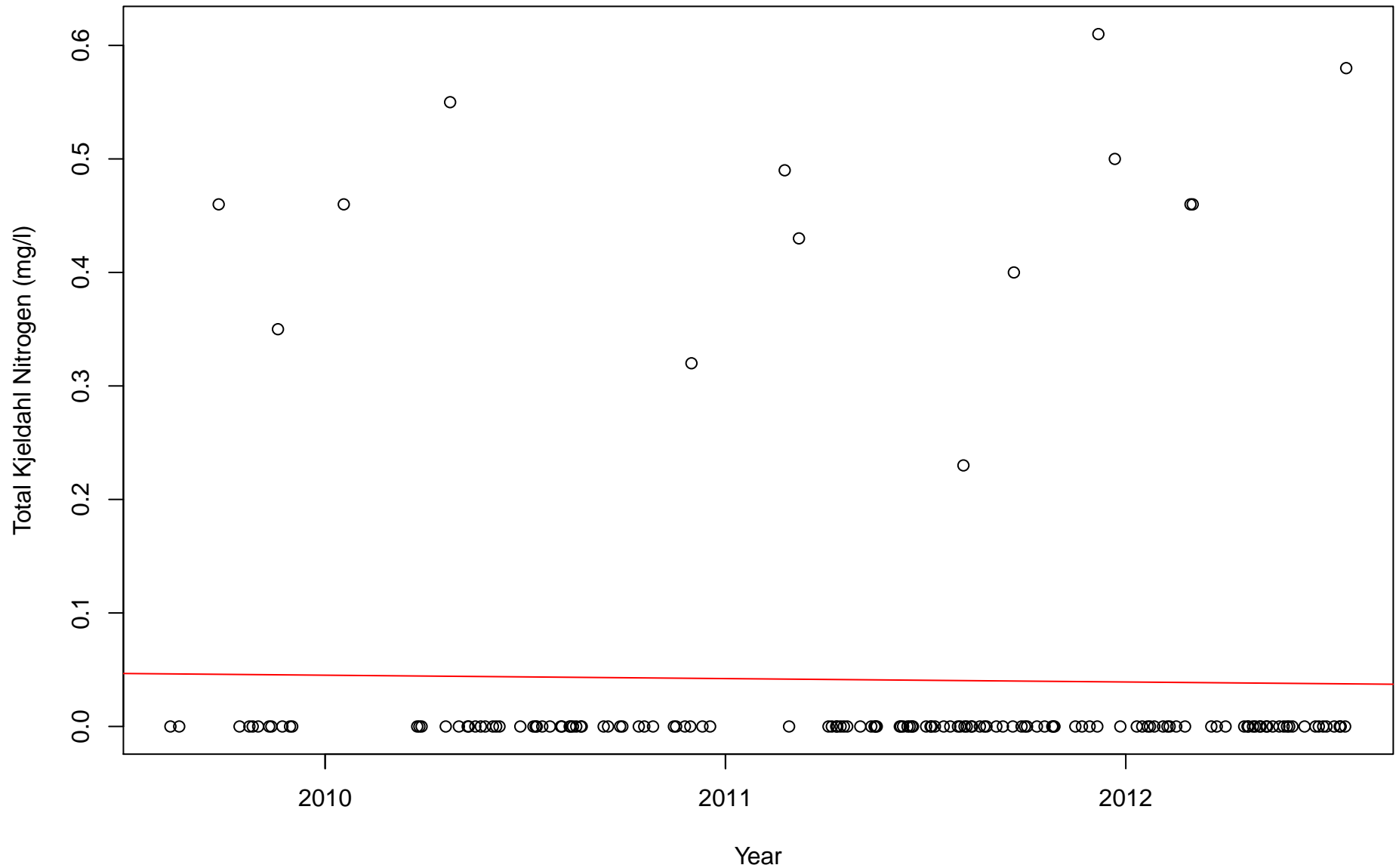


slope = -0.226513023397967 ; p-value = 0.00743410433594247

SHA08MSI00WI02

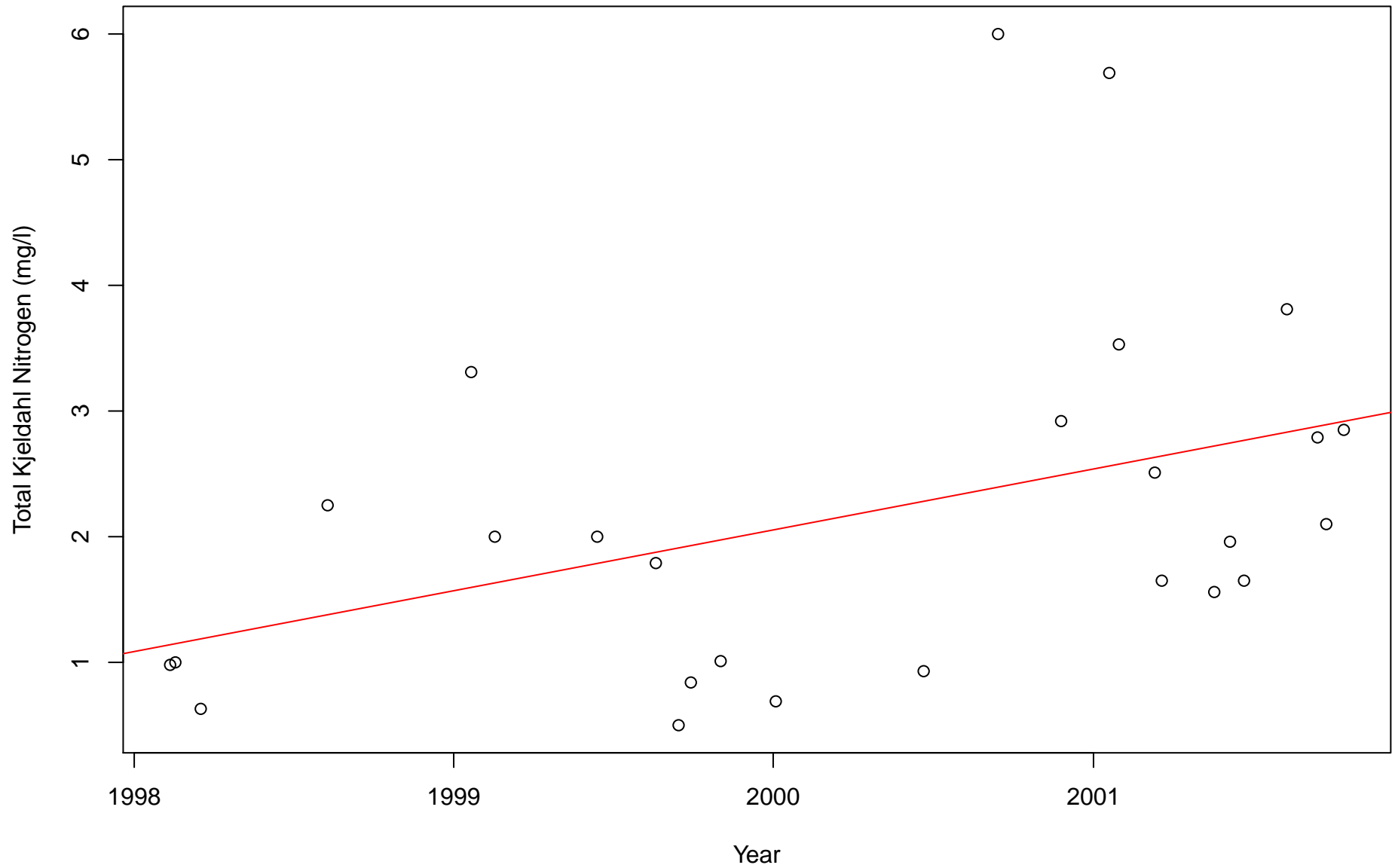


slope = -0.0172468514505745 ; p-value = 0.627120201576103

SHA08MSI00WI03

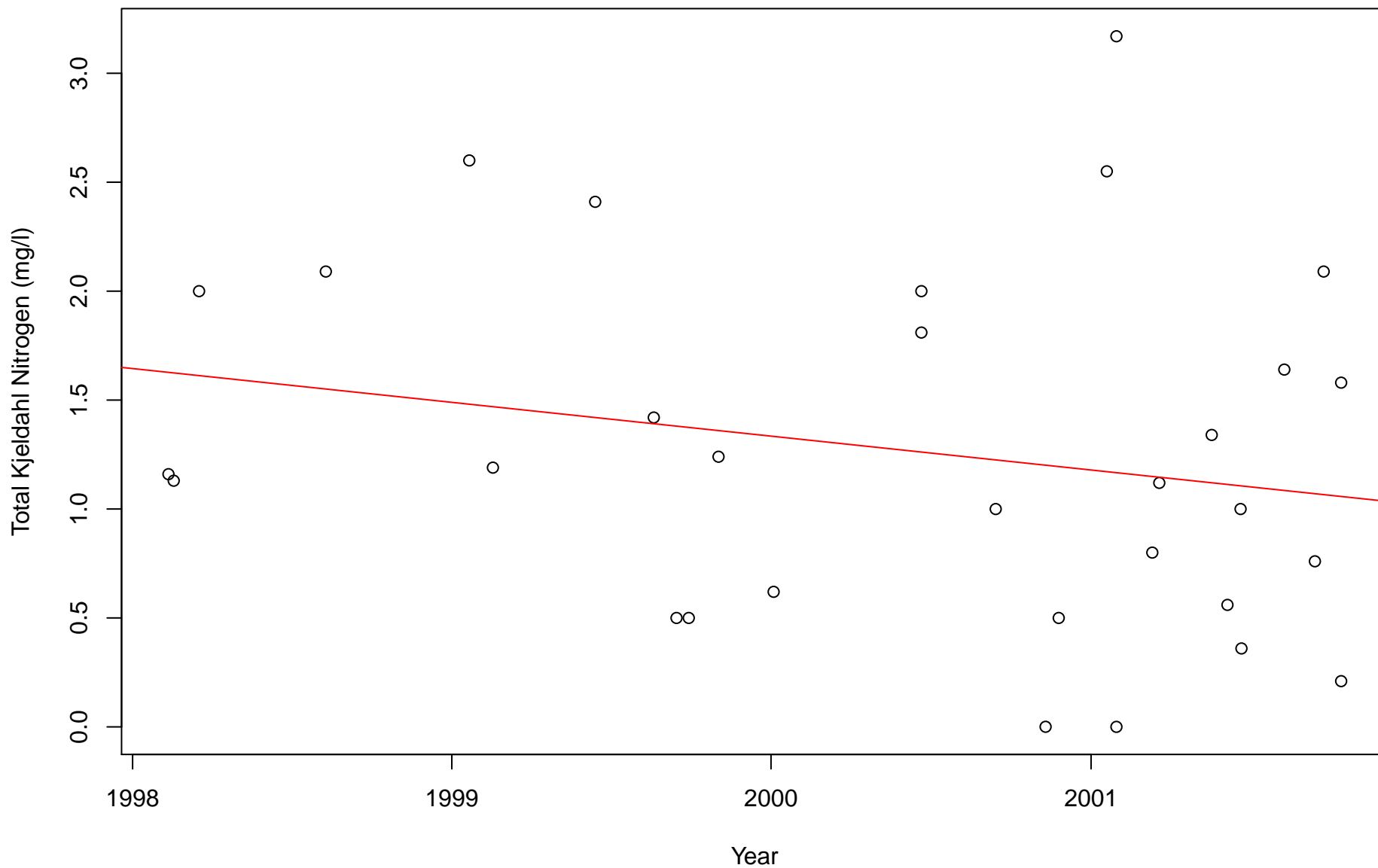
slope = -0.00298826899095209; p-value = 0.822065196104219

SHA98MSI00PS01



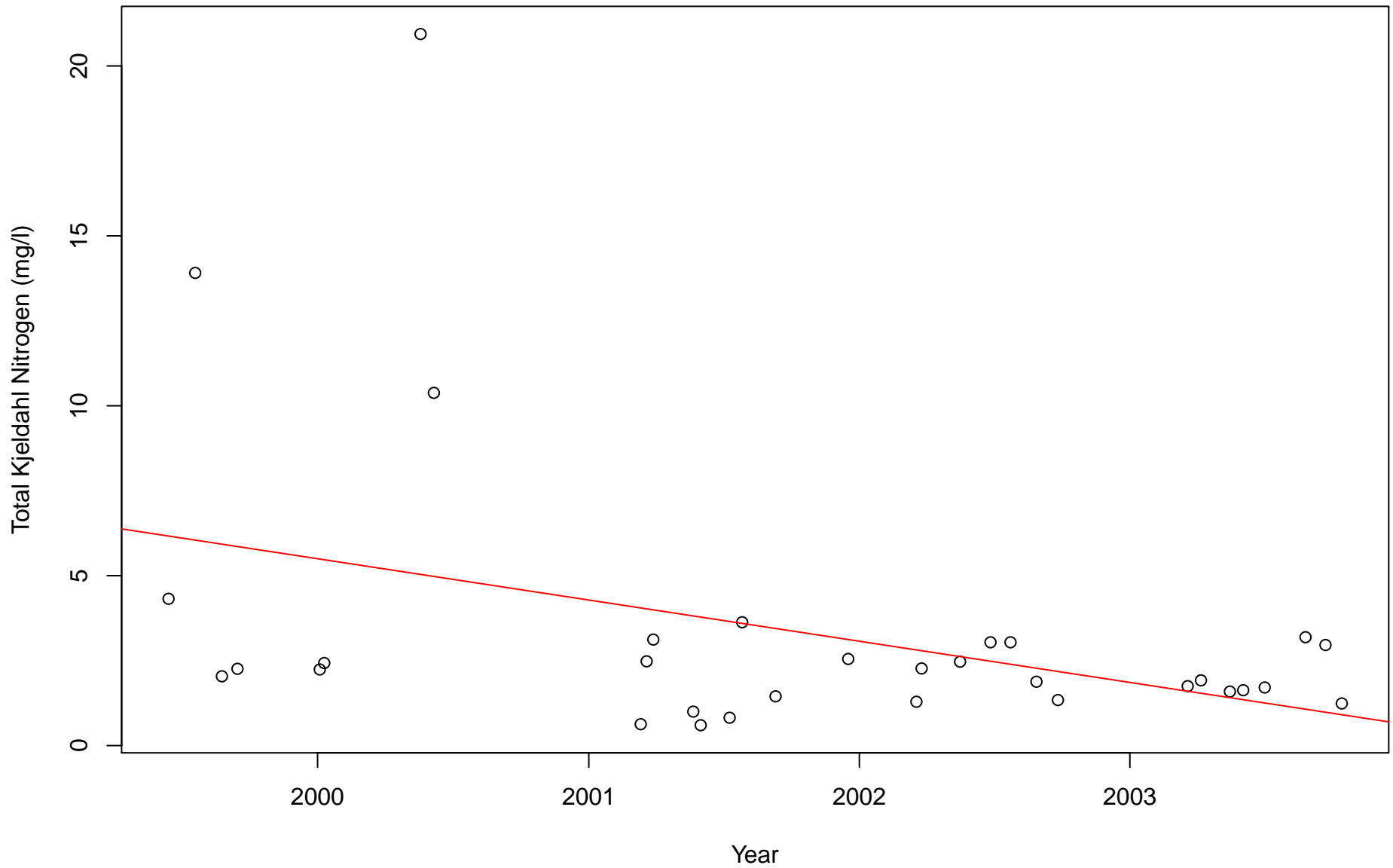
slope = 0.483802573543445; p-value = 0.035372544767955

SHA98MSI00PS02



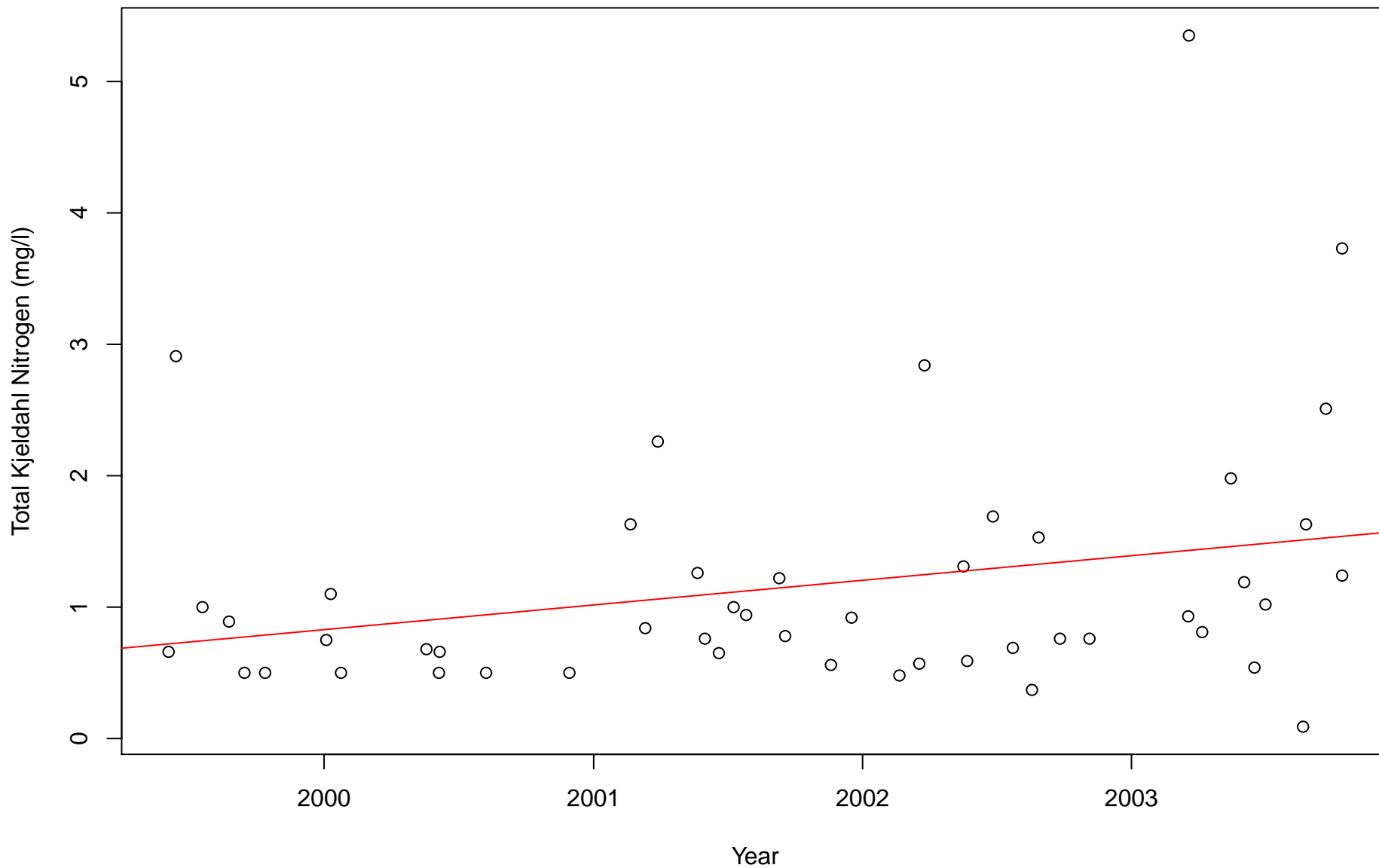
slope = -0.155072134265388 ; p-value = 0.227973227173301

SHA99MSI00DV01



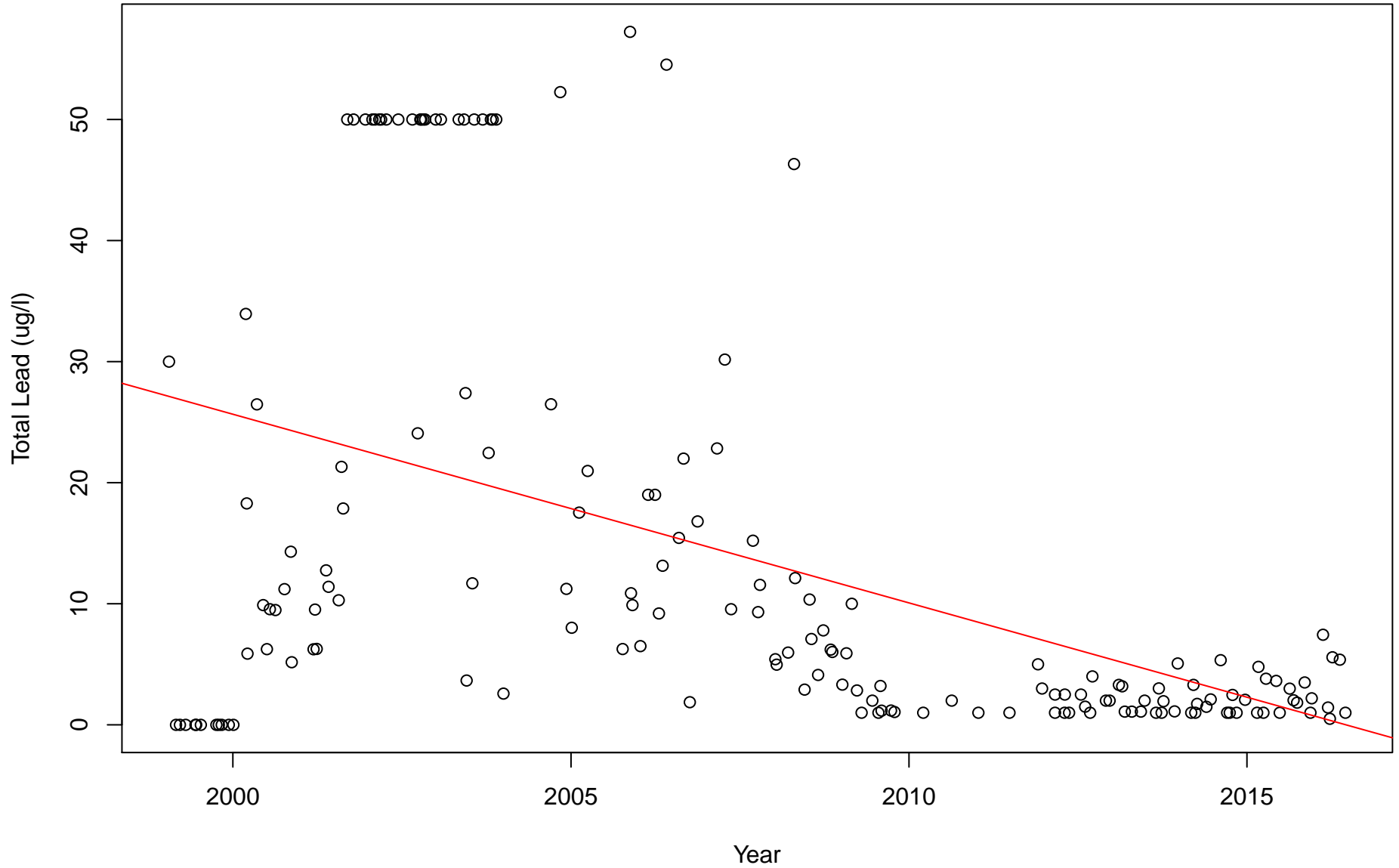
slope = -1.21227980478356; p-value = 0.0242051801383616

SHA99MSI00DV02



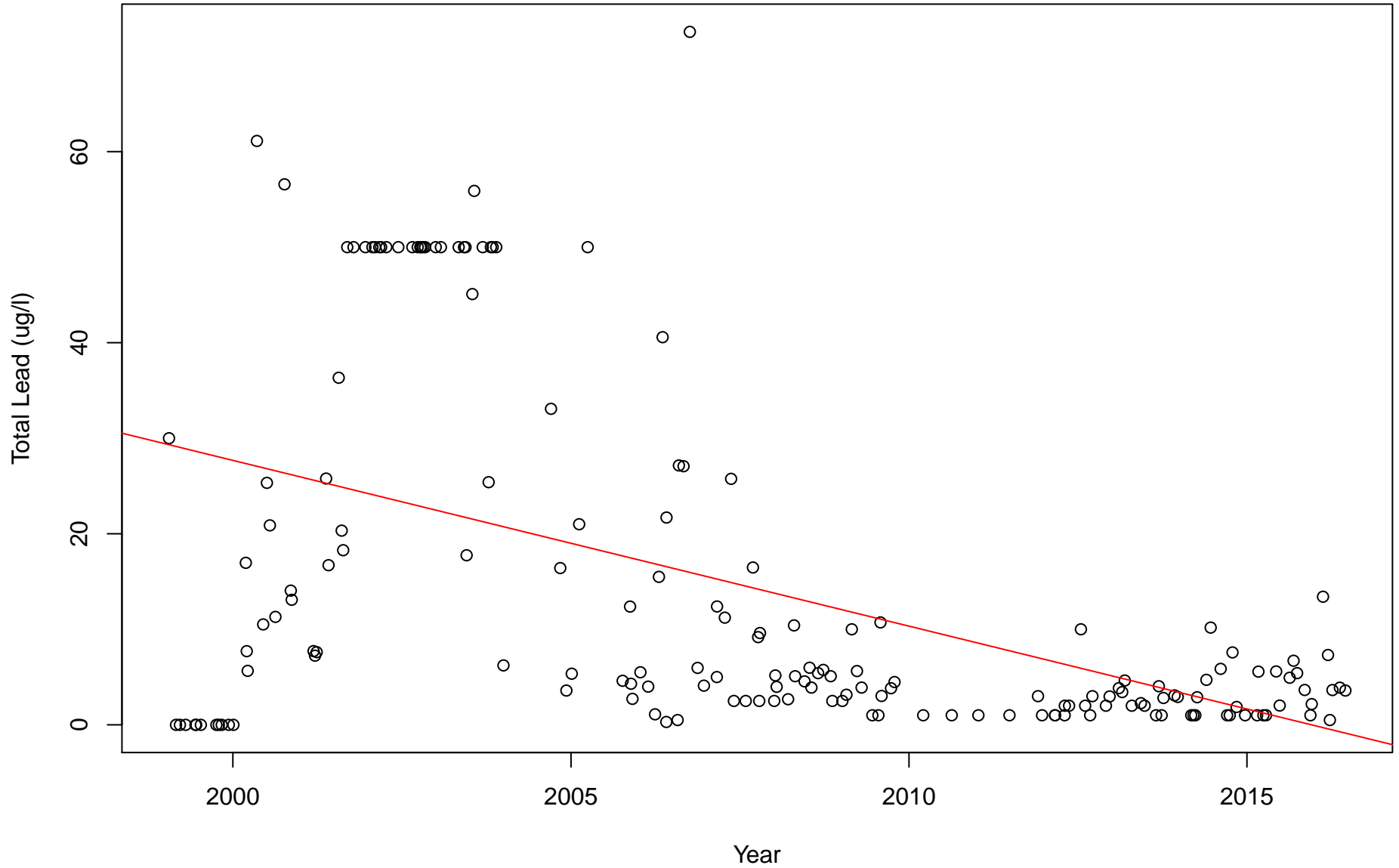
slope = 0.187444080886628; p-value = 0.0617550503687815

AA94MSI000008



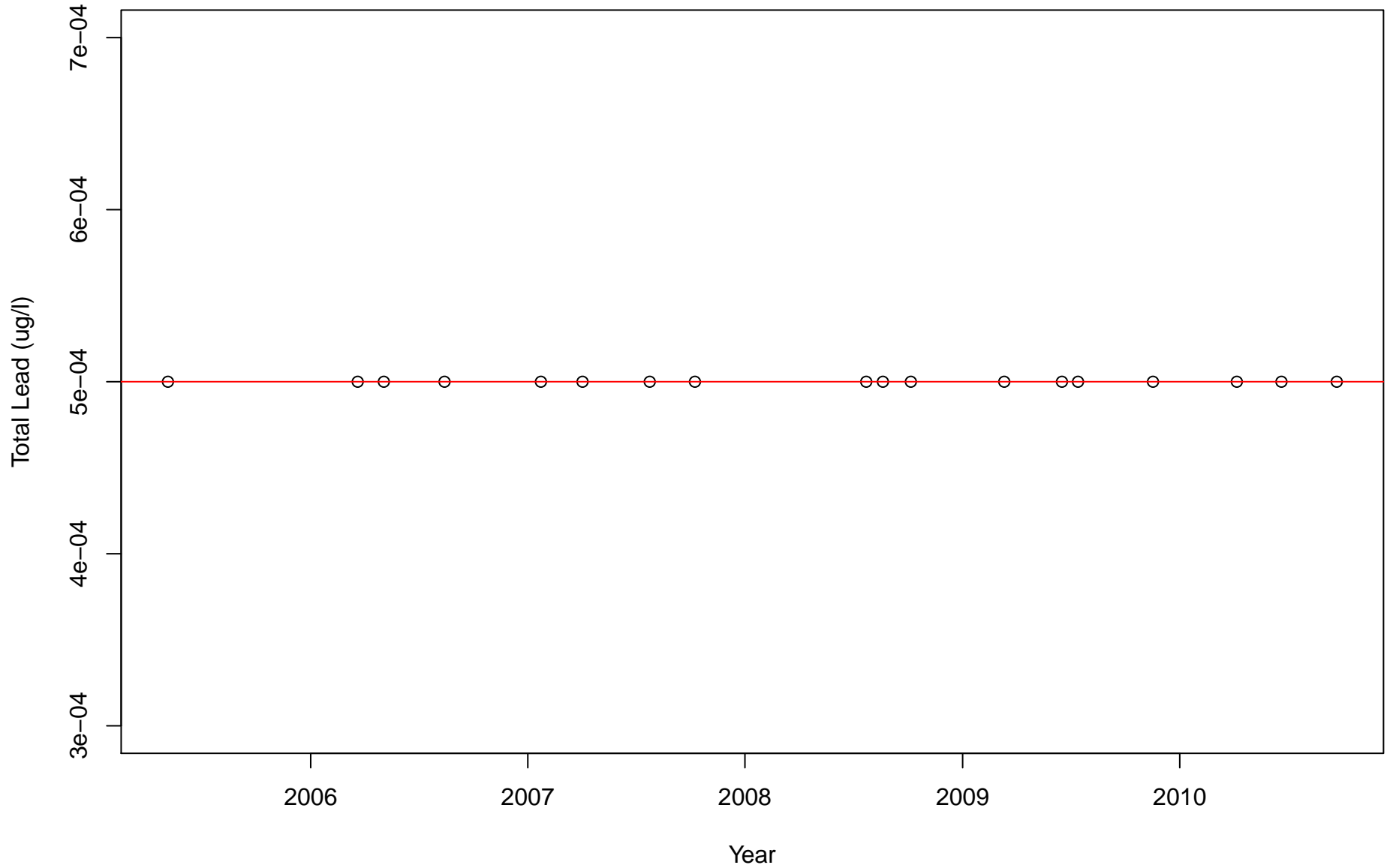
slope = -1.55707760995649 ; p-value = $2.91269219491532e-11$

AA94MSI000009



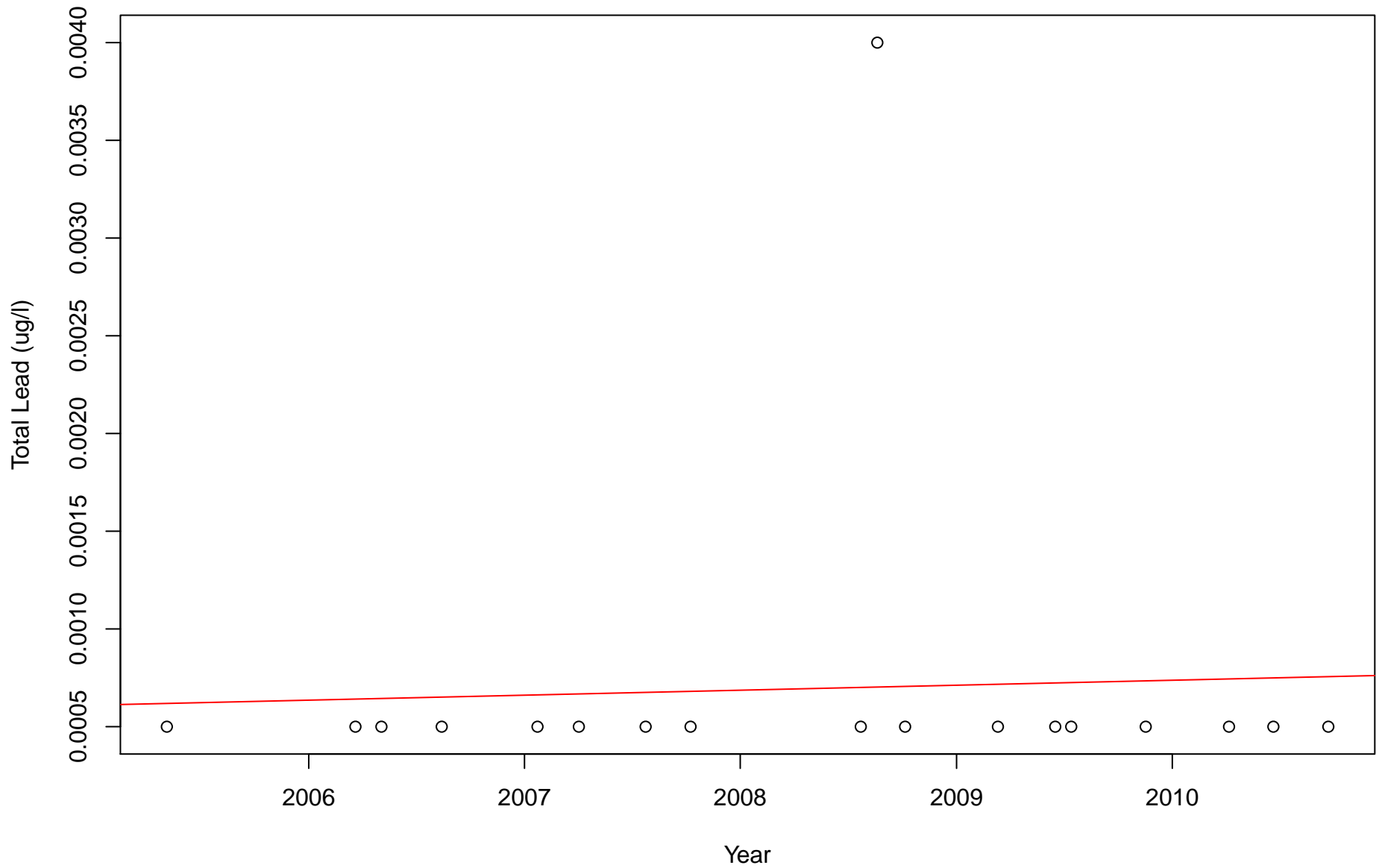
slope = -1.73377784246598 ; p-value = $1.47431811255004e-12$

BA05MSI000SL02



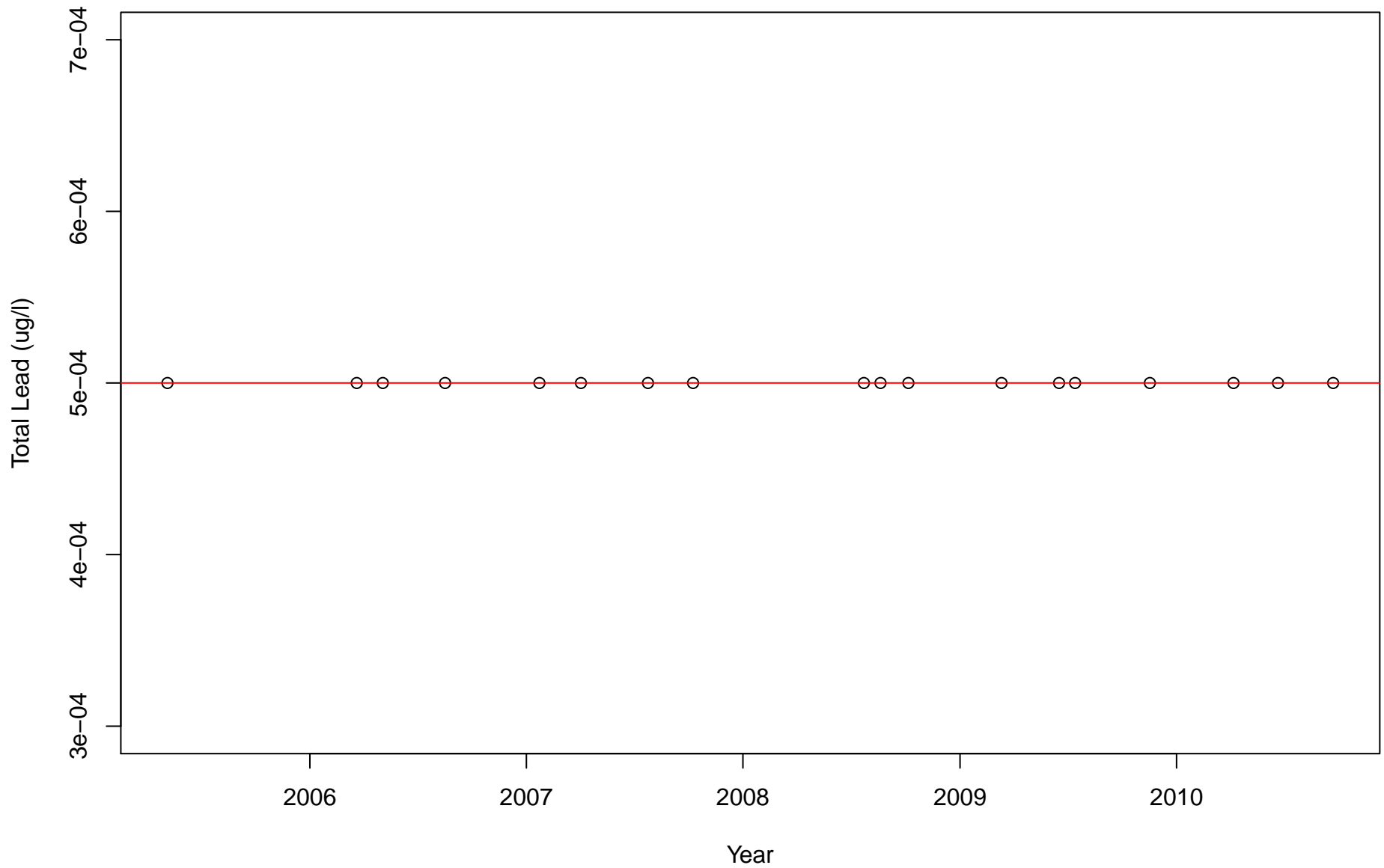
slope = $-3.08816318948687e-20$; p-value = 0.0550119474439018

BA05MSI000SL03



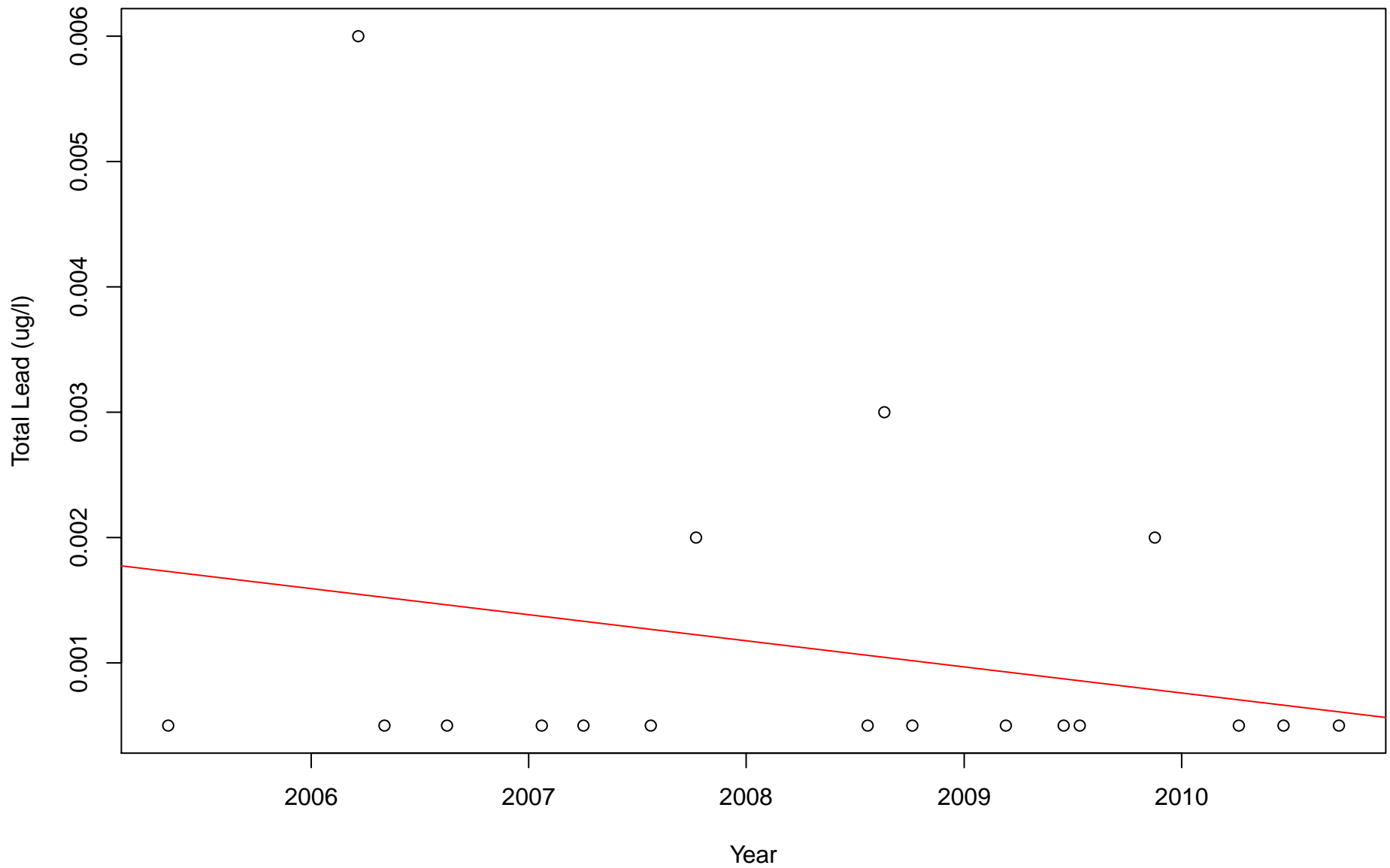
slope = 2.54566716910851e-05; p-value = 0.844457637776344

BA05MSI000SL04



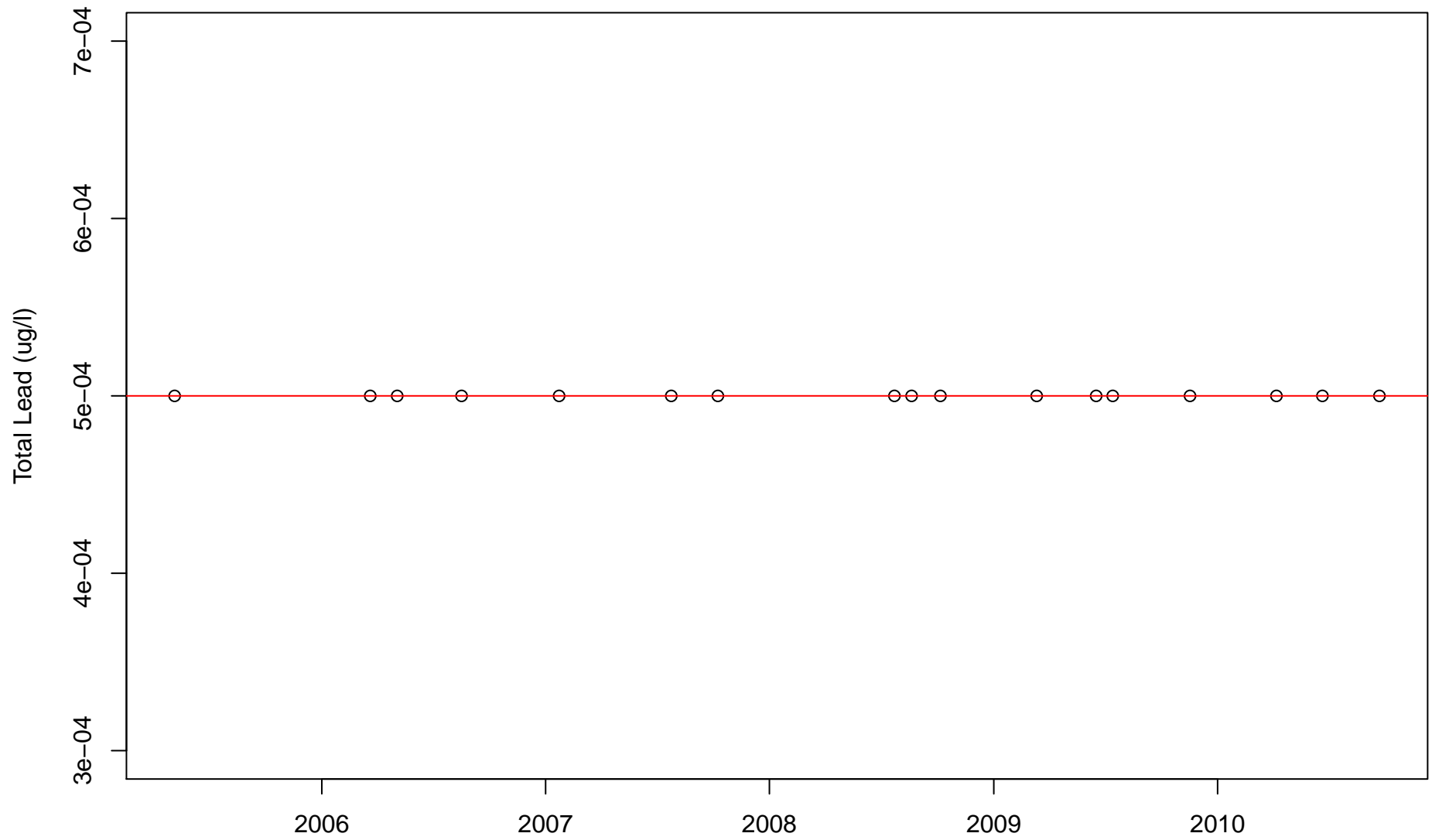
slope = $-3.09058166834568e-20$; p-value = 0.0548835656398737

BA05MSI000SL05



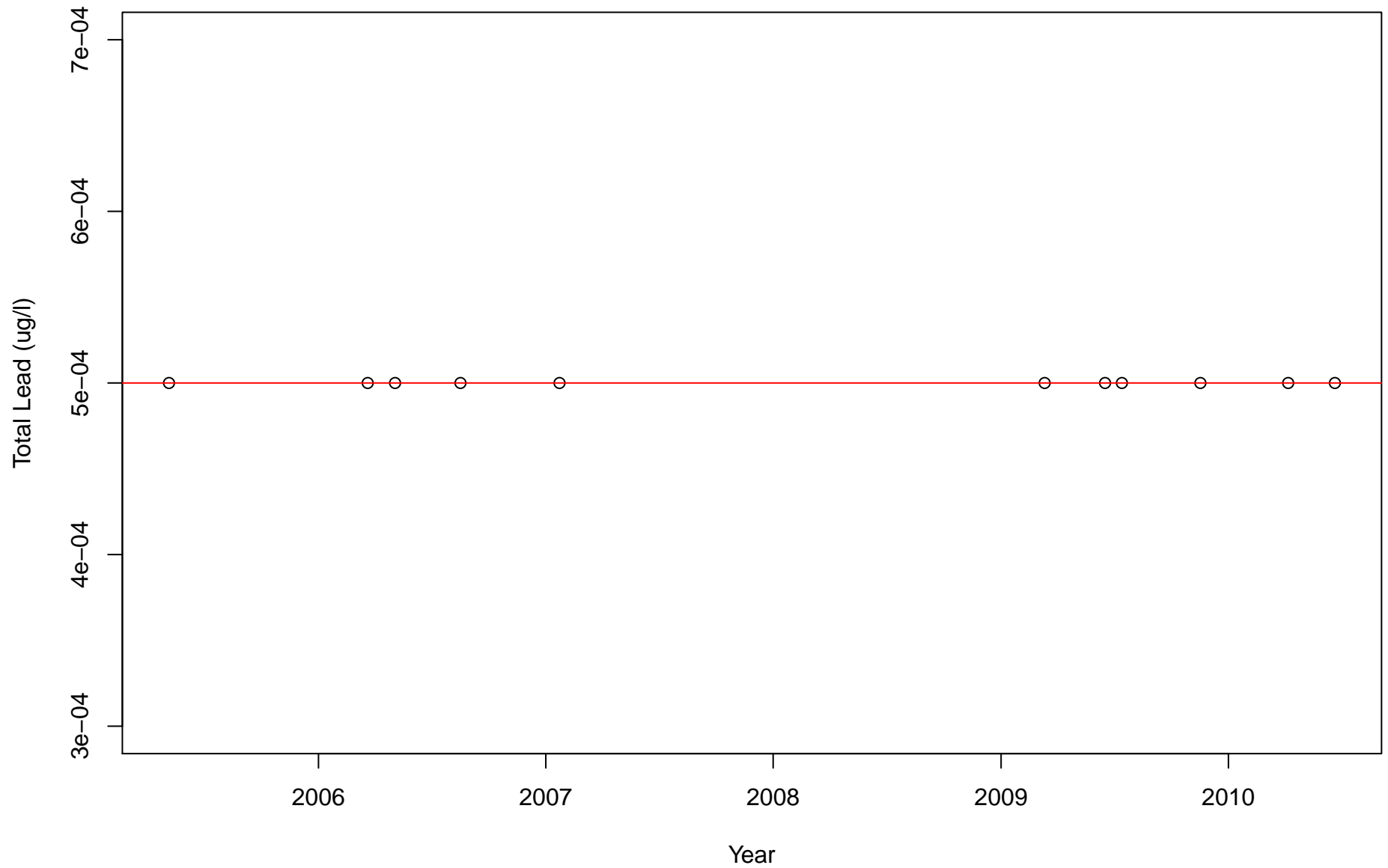
slope = -0.000208044022658502 ; p-value = 0.345108723265599

BA05MSI000SL06



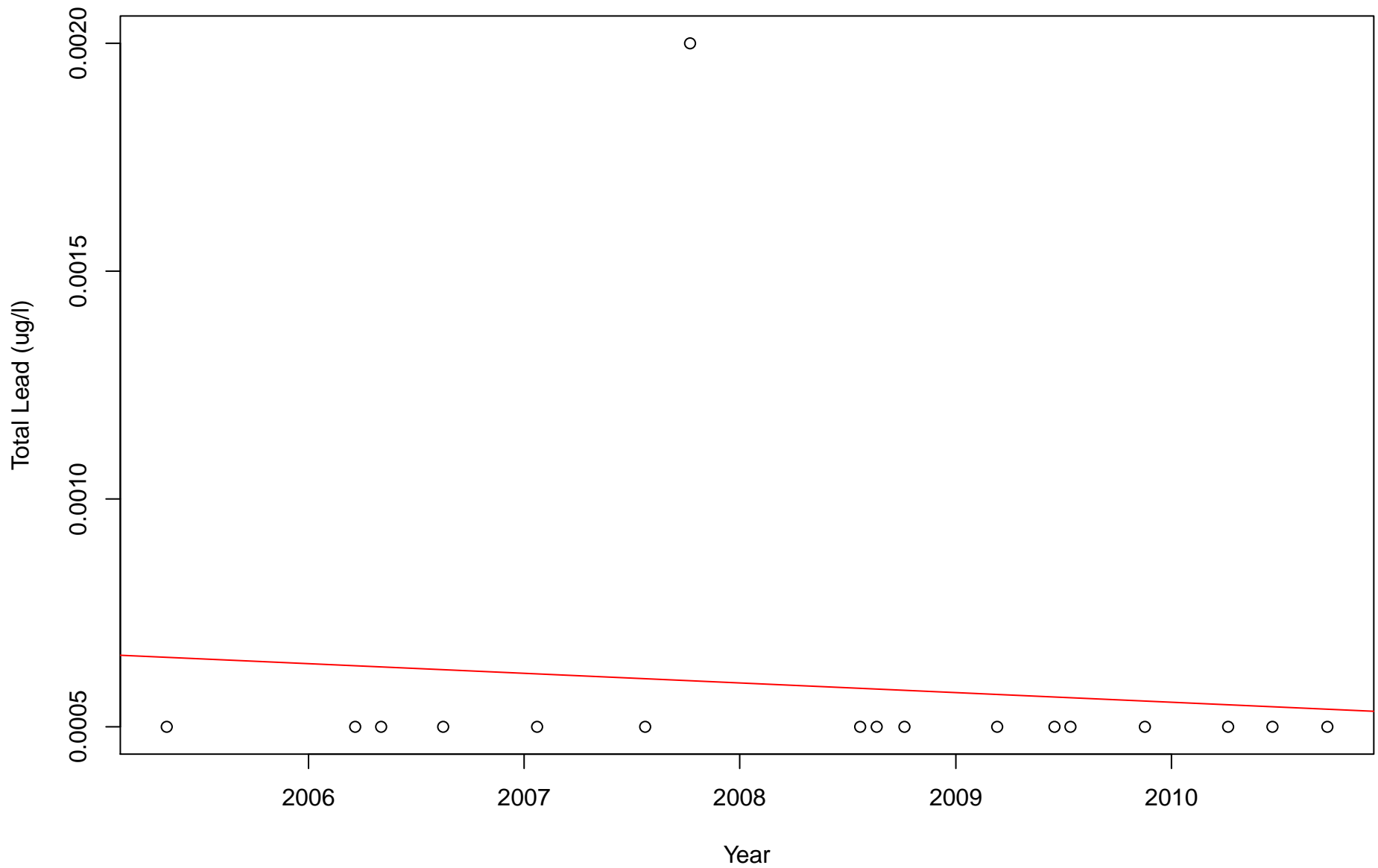
Year
slope = 0; p-value = NaN

BA05MSI000SL07



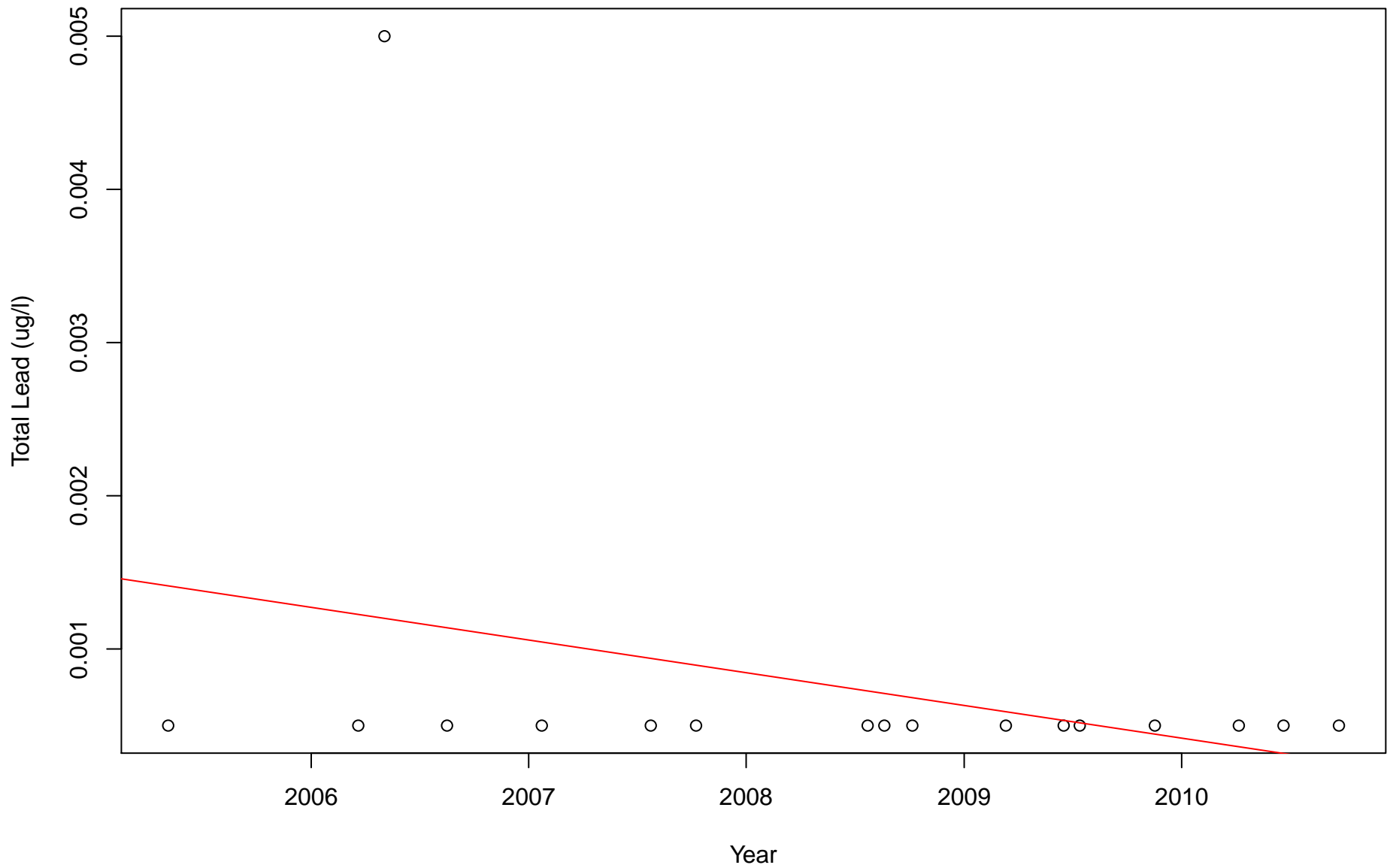
slope = $-2.87505560479339\text{e-}20$; p-value = 0.114938477182759

BA05MSI000SL08



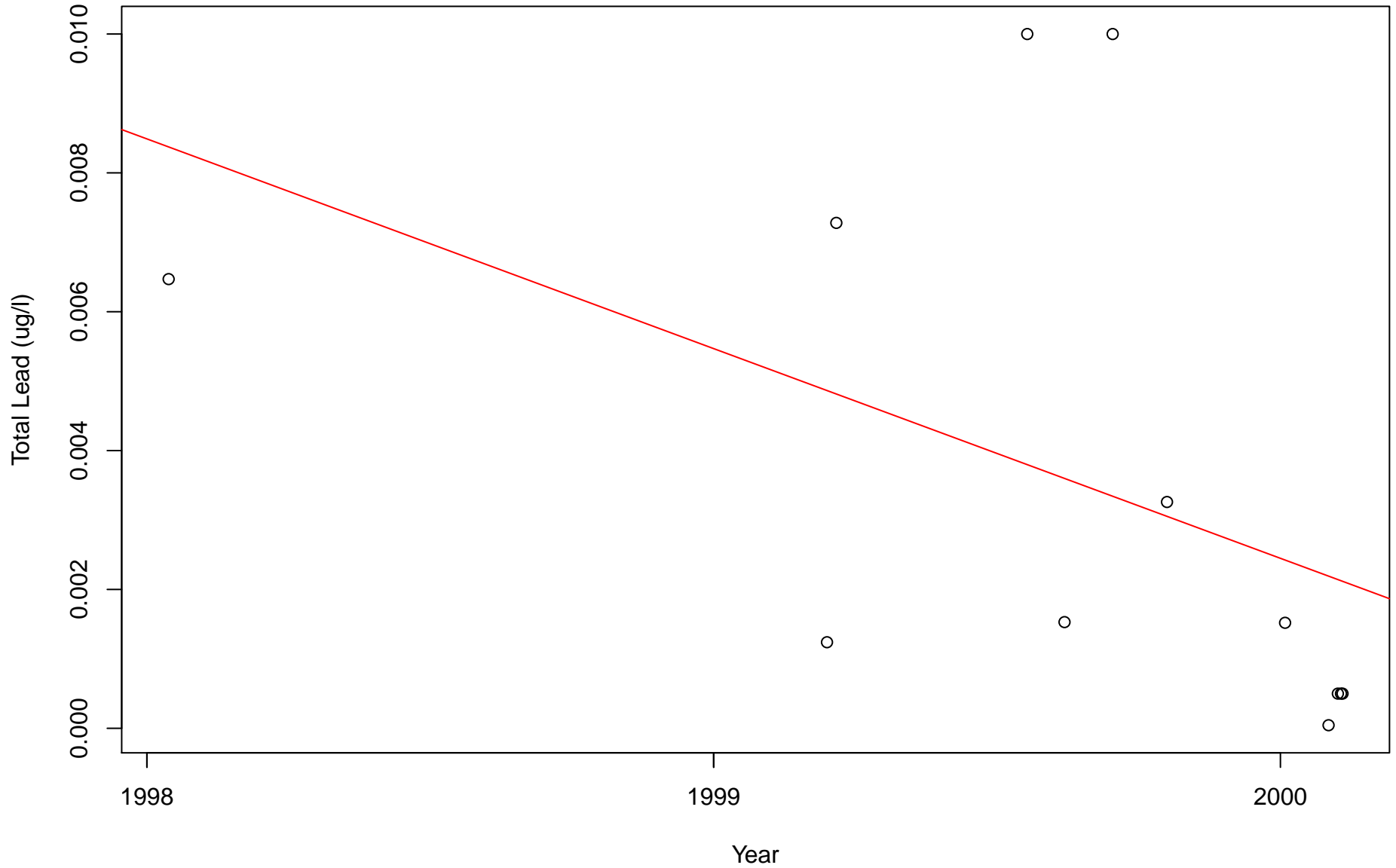
slope = $-2.11497934807236 \times 10^{-5}$; p-value = 0.715858969677402

BA05MSI000SL10



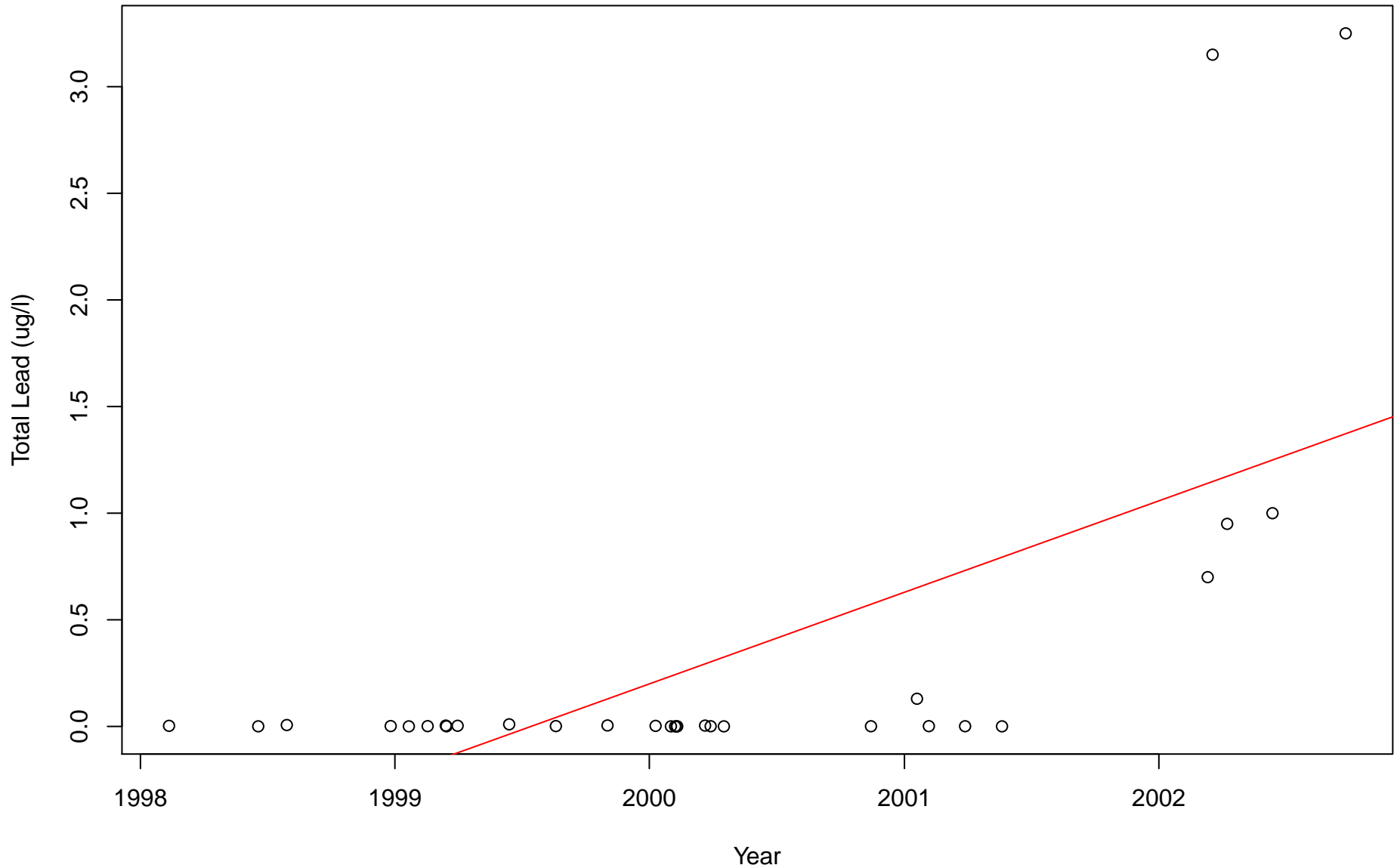
slope = -0.000213279317432667 ; p-value = 0.209783749918877

BA98MSI000LQ3



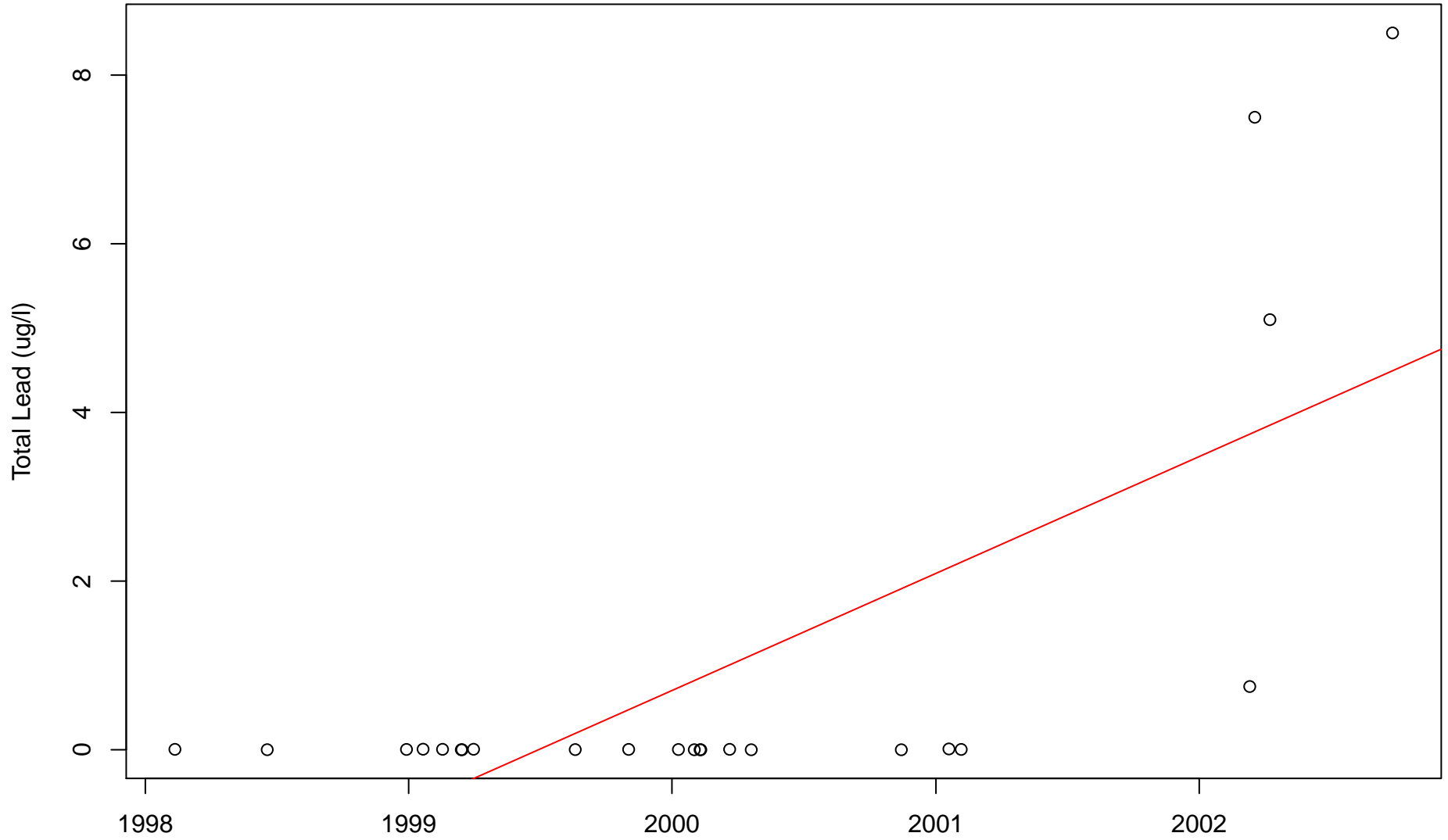
slope = -0.00302039595489327; p-value = 0.117813607274095

BA98MSI000SB2



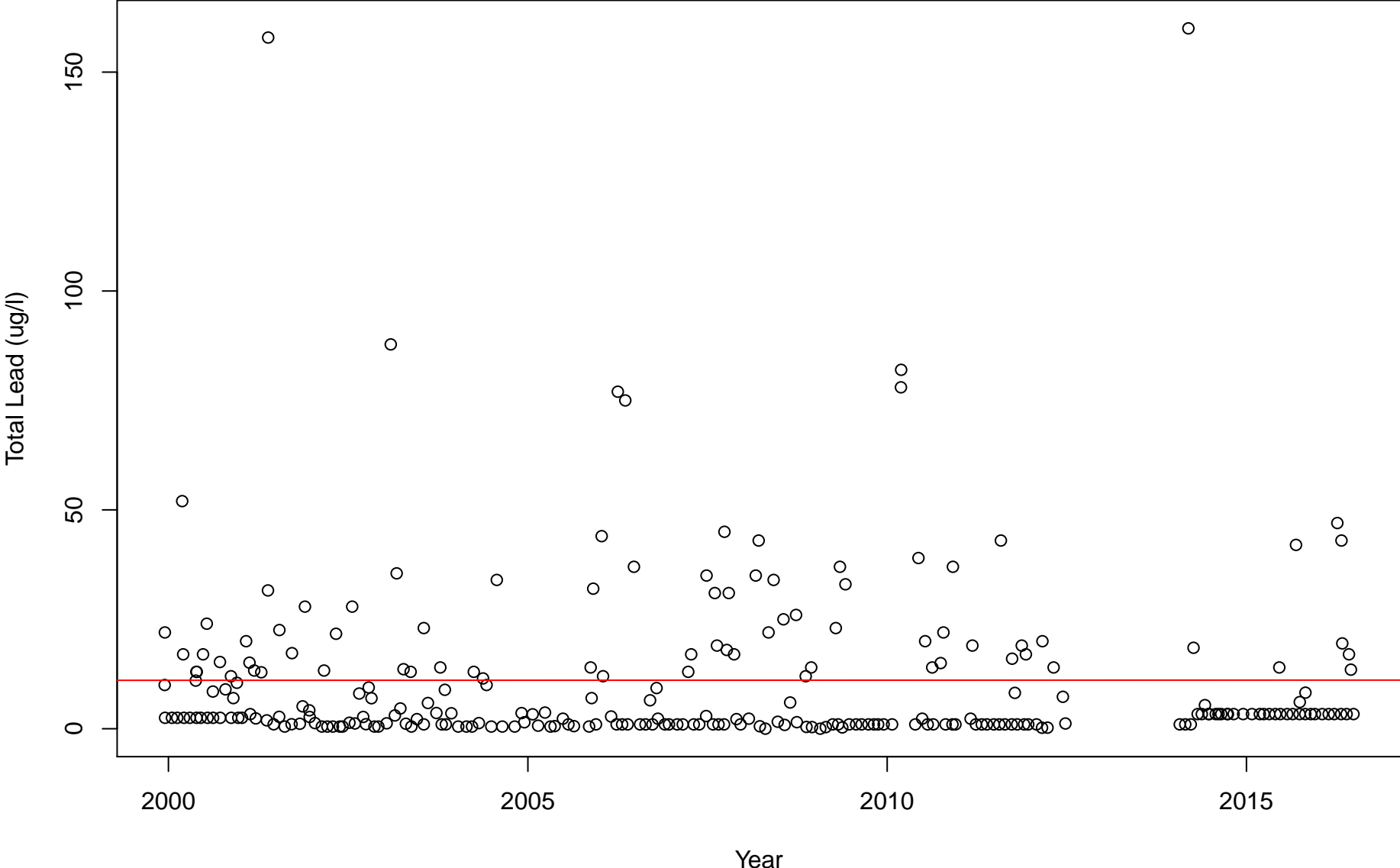
slope = 0.428633474050375; p-value = 0.000100028645106619

BA98MSI000SB3



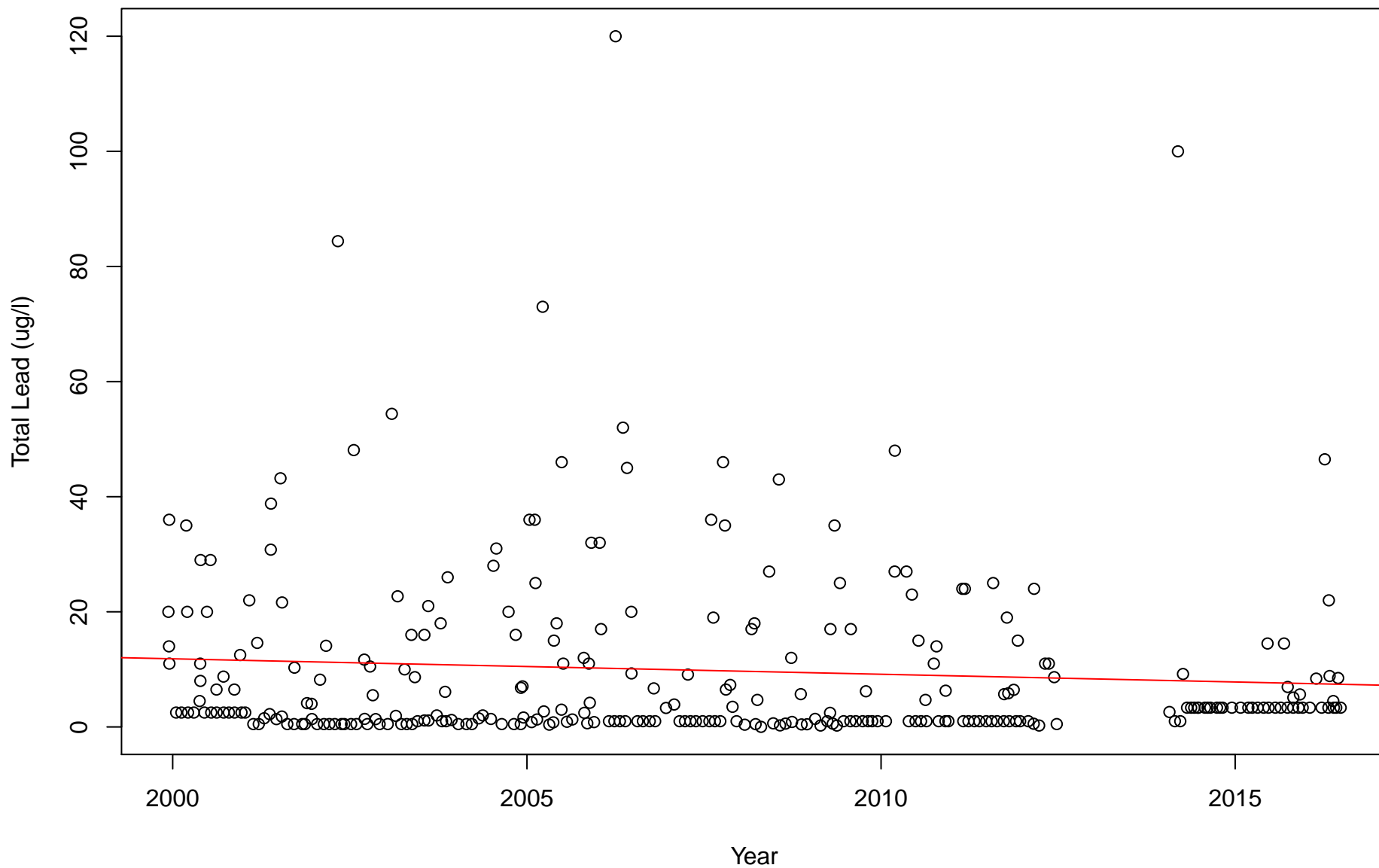
Year
slope = 1.38532563151796; p-value = 0.000138180989712161

BC16MS000I81



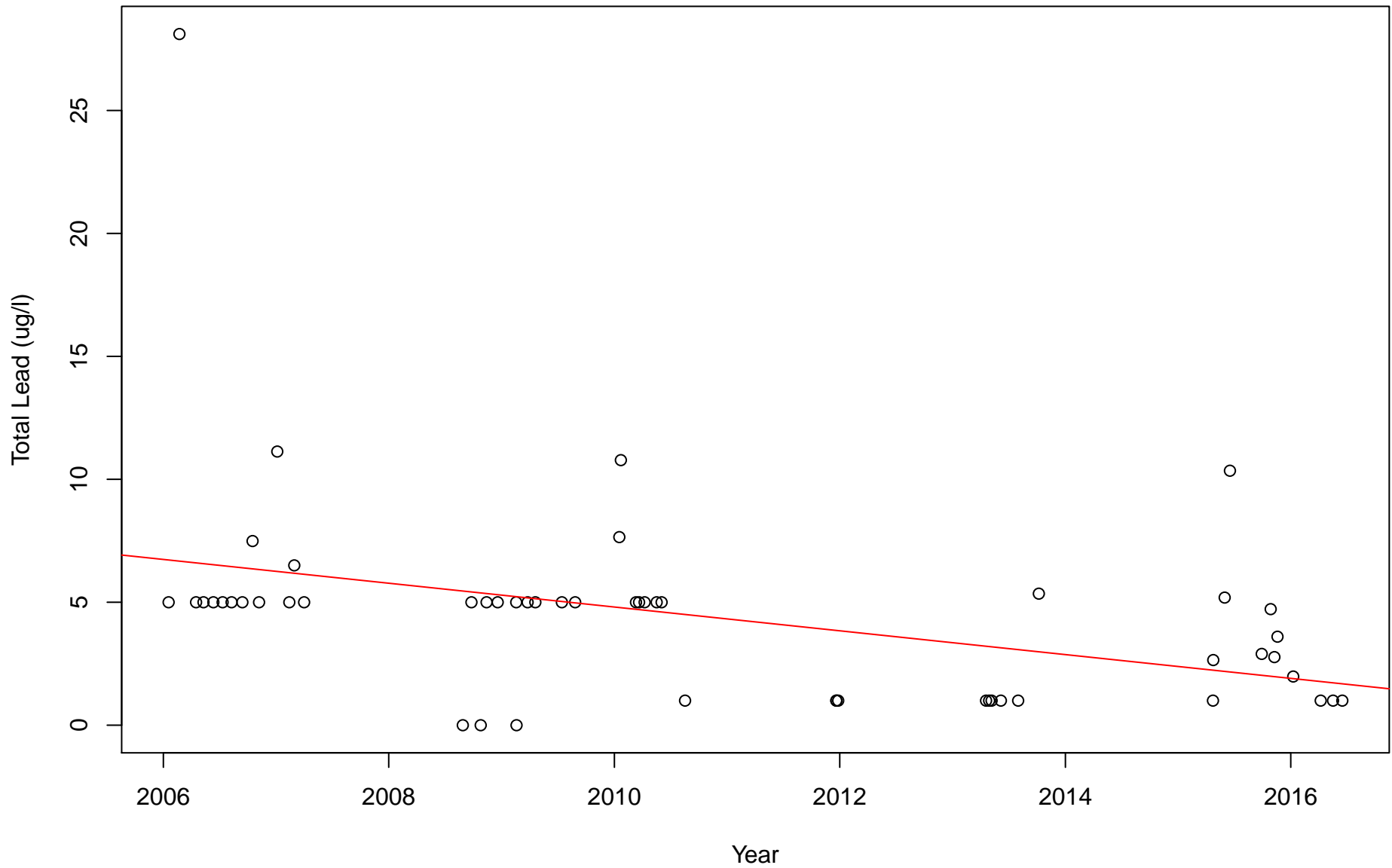
slope = 0.00258990834738663; p-value = 0.991607145150373

BC16MS000I82



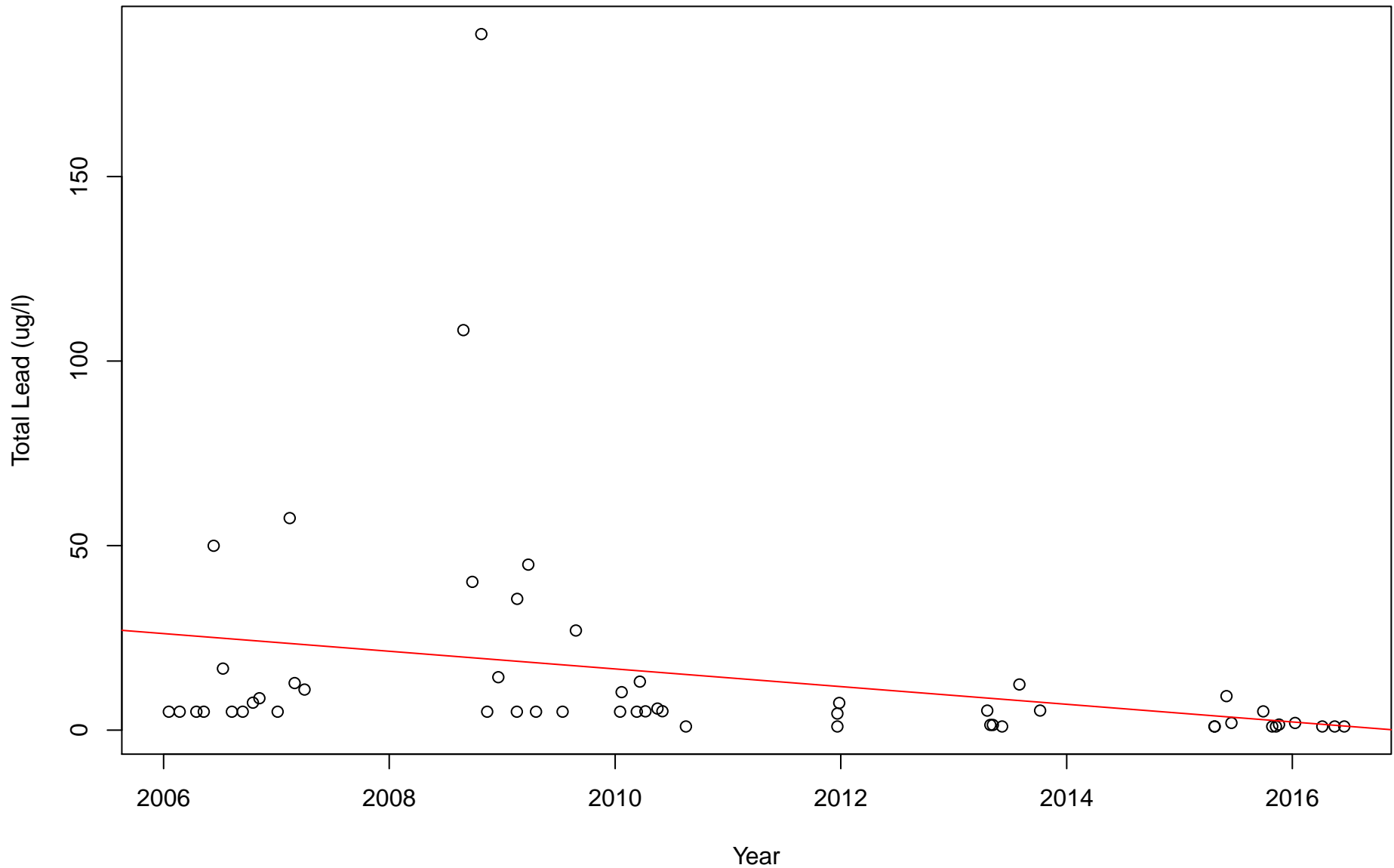
slope = -0.268374978459903 ; p-value = 0.154151422507599

CC15MSI000001



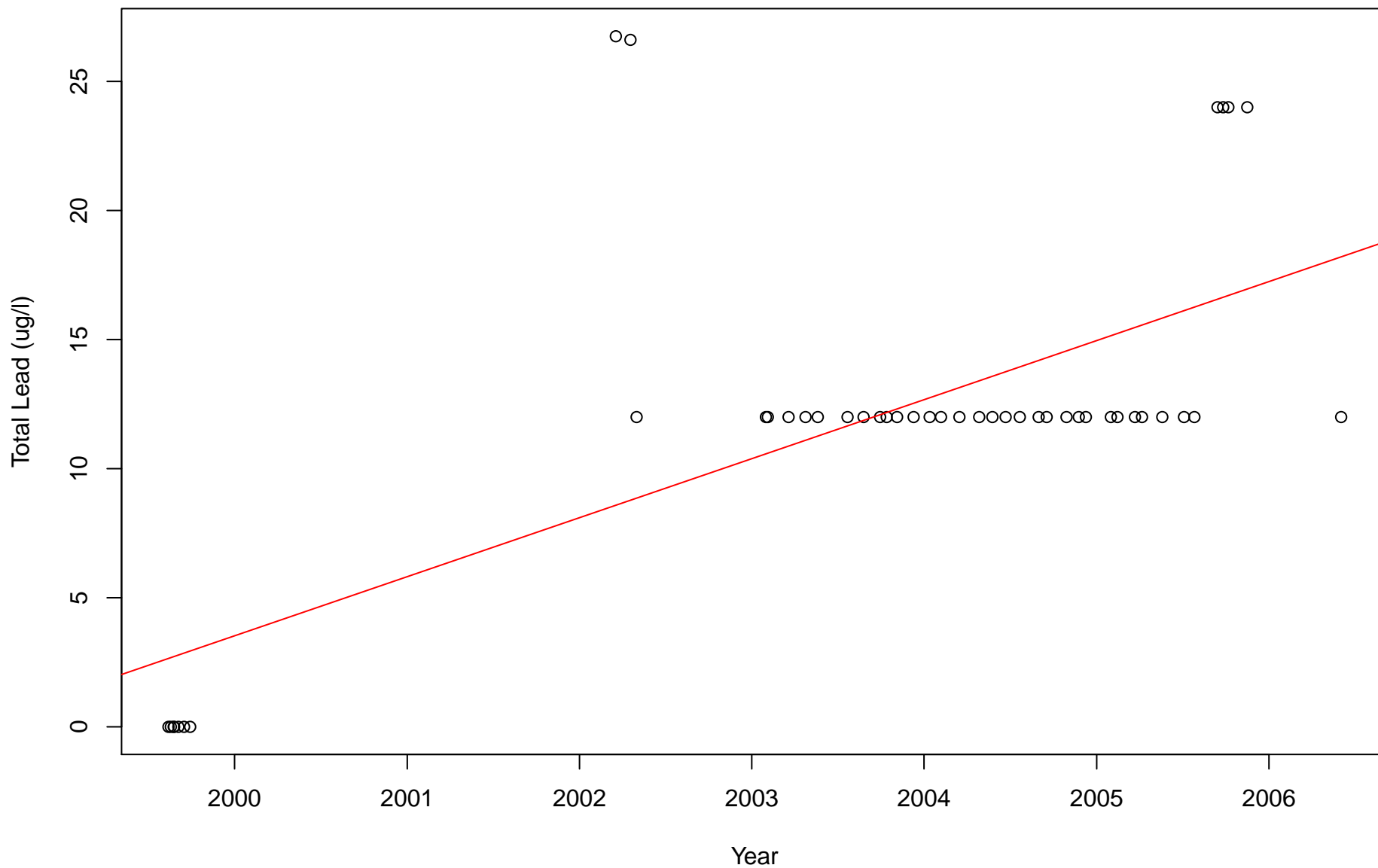
slope = -0.483439952555618; p-value = 0.00308277303472075

CC15MSI000002



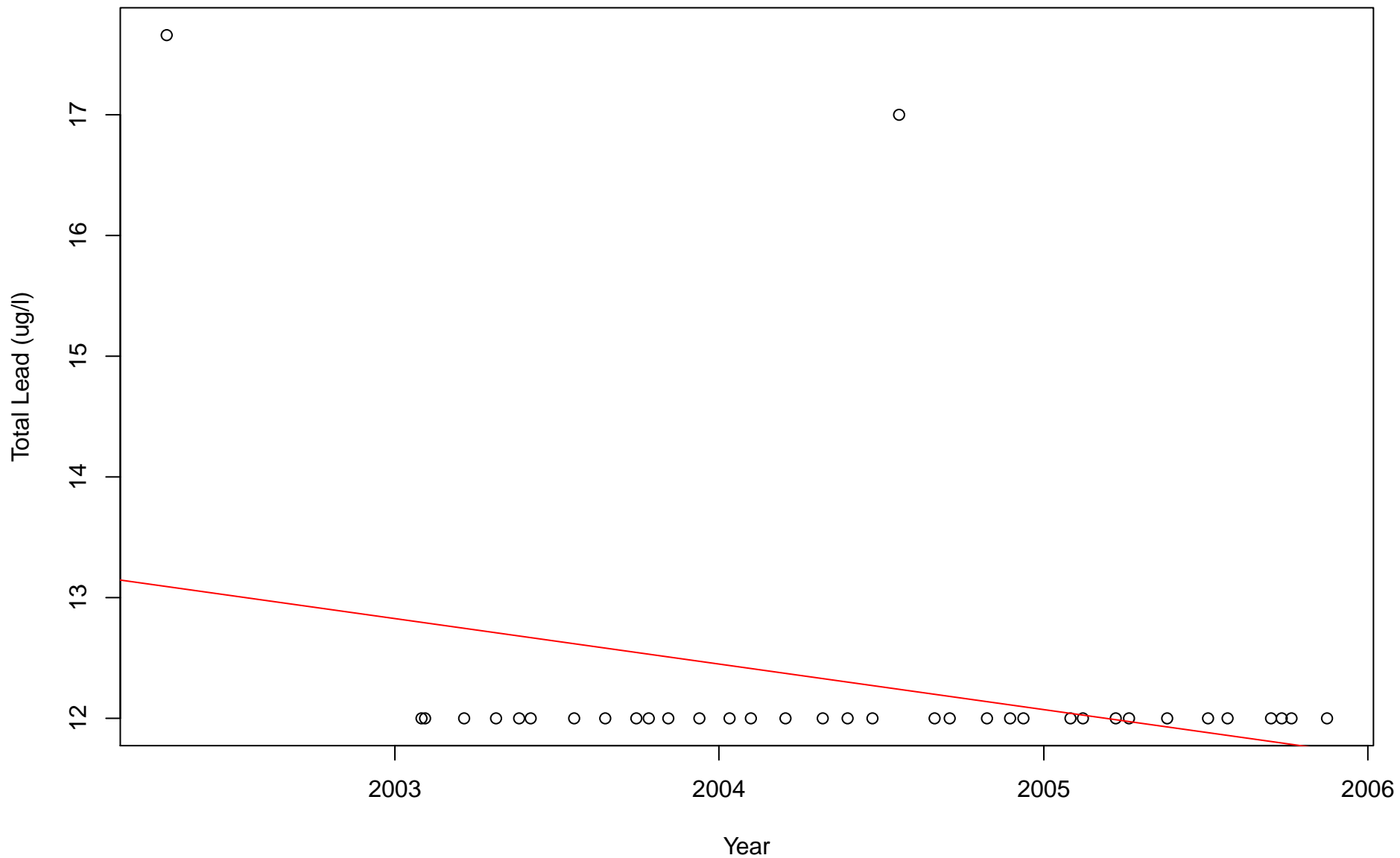
slope = -2.39273355029033; p-value = 0.0474077898554652

CH99MSI000096



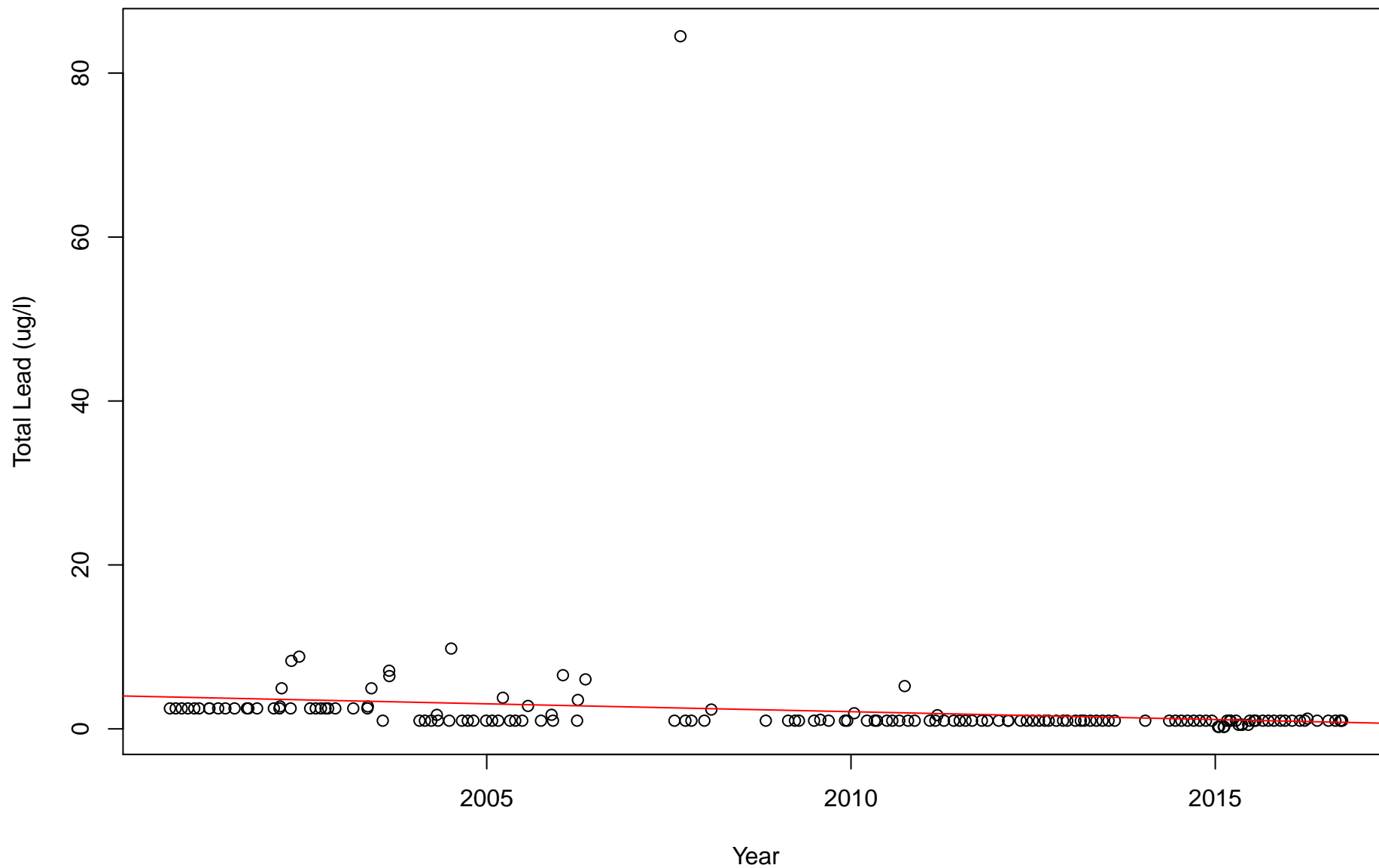
slope = 2.28473940363843; p-value = 4.83184298623469e-07

CH99MSI000162



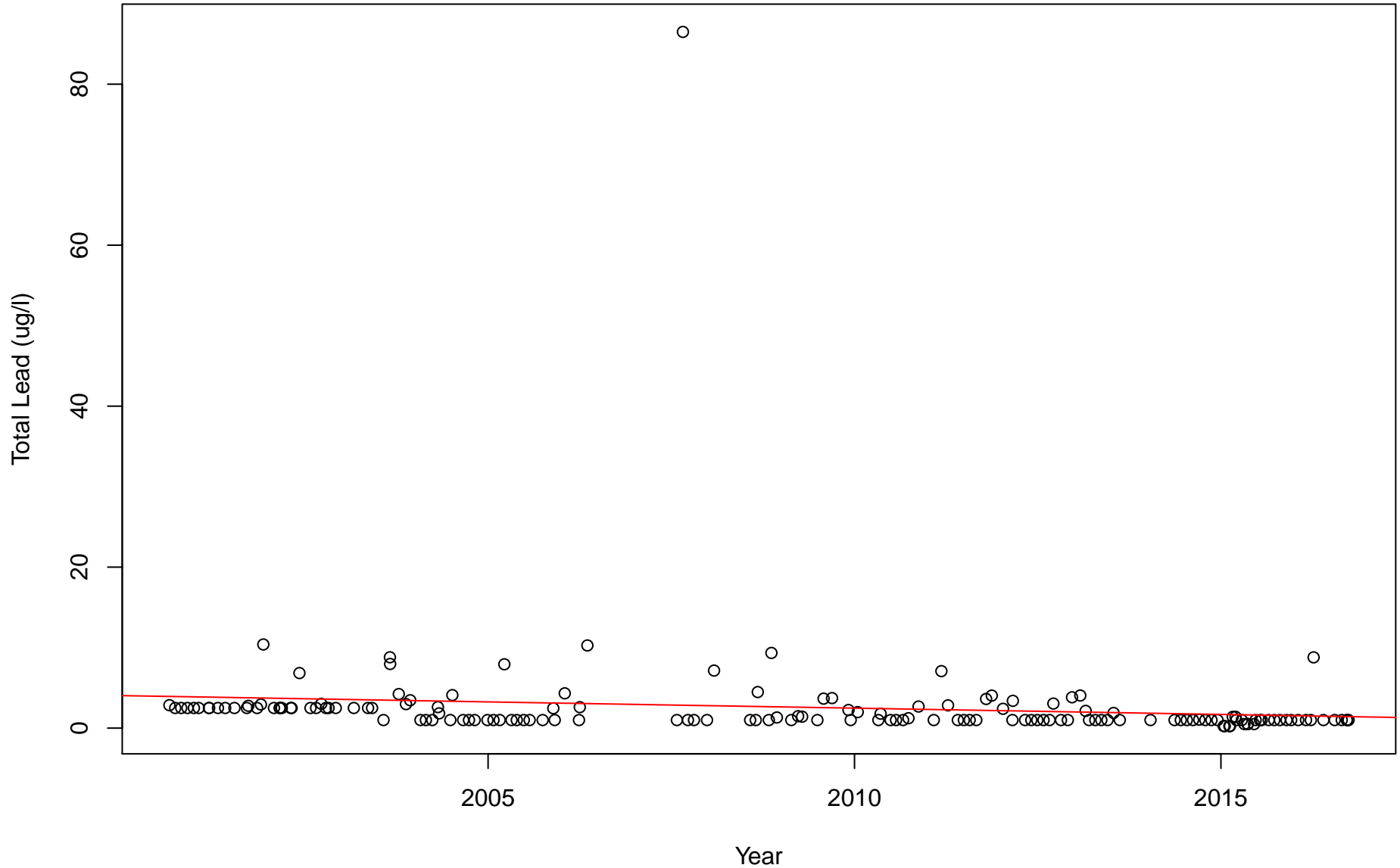
slope = -0.37656439840429 ; p-value = 0.0981720075493834

CR15MSI000003



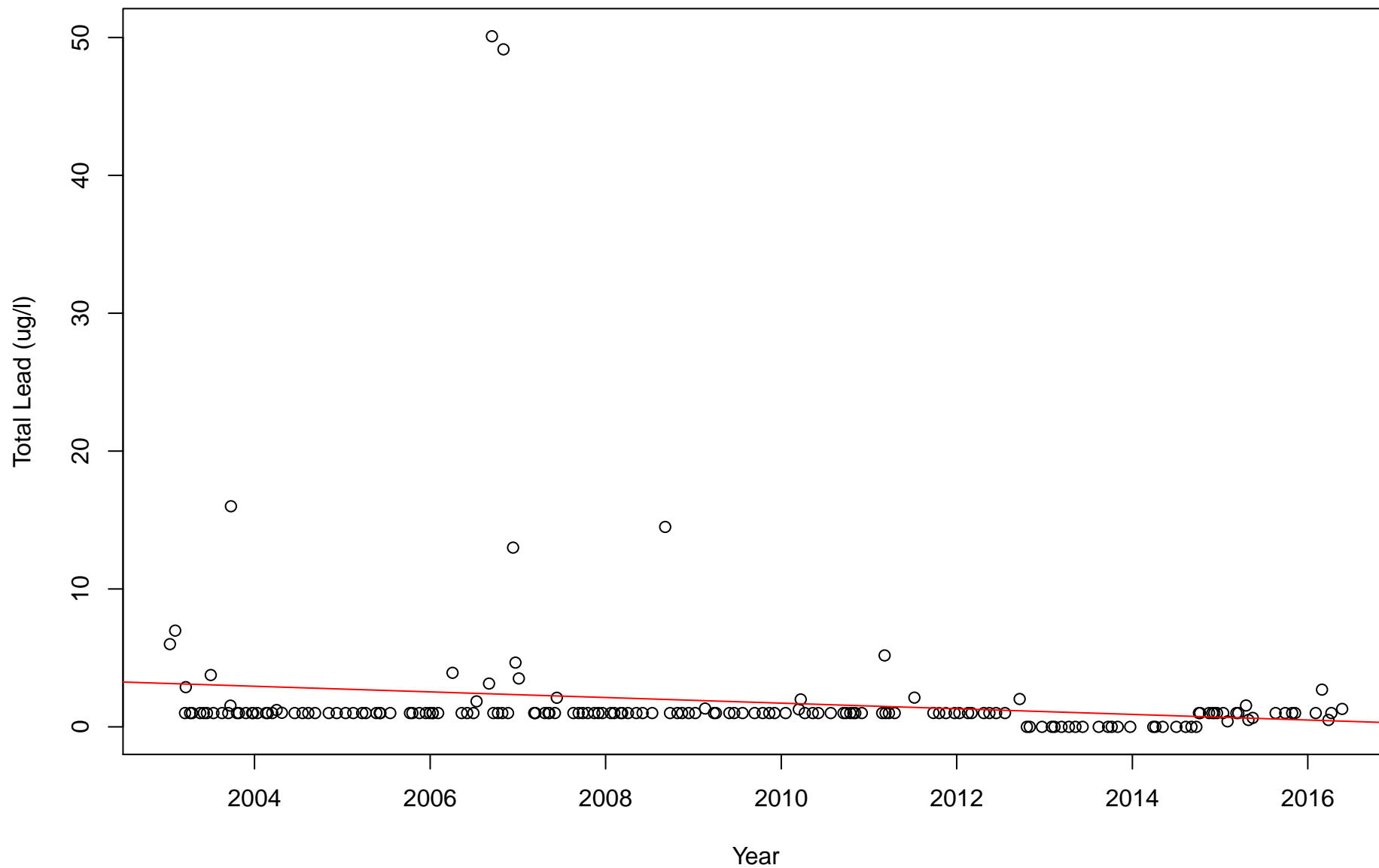
slope = -0.192017786142662; p-value = 0.0753466645686878

CR15MSI000004



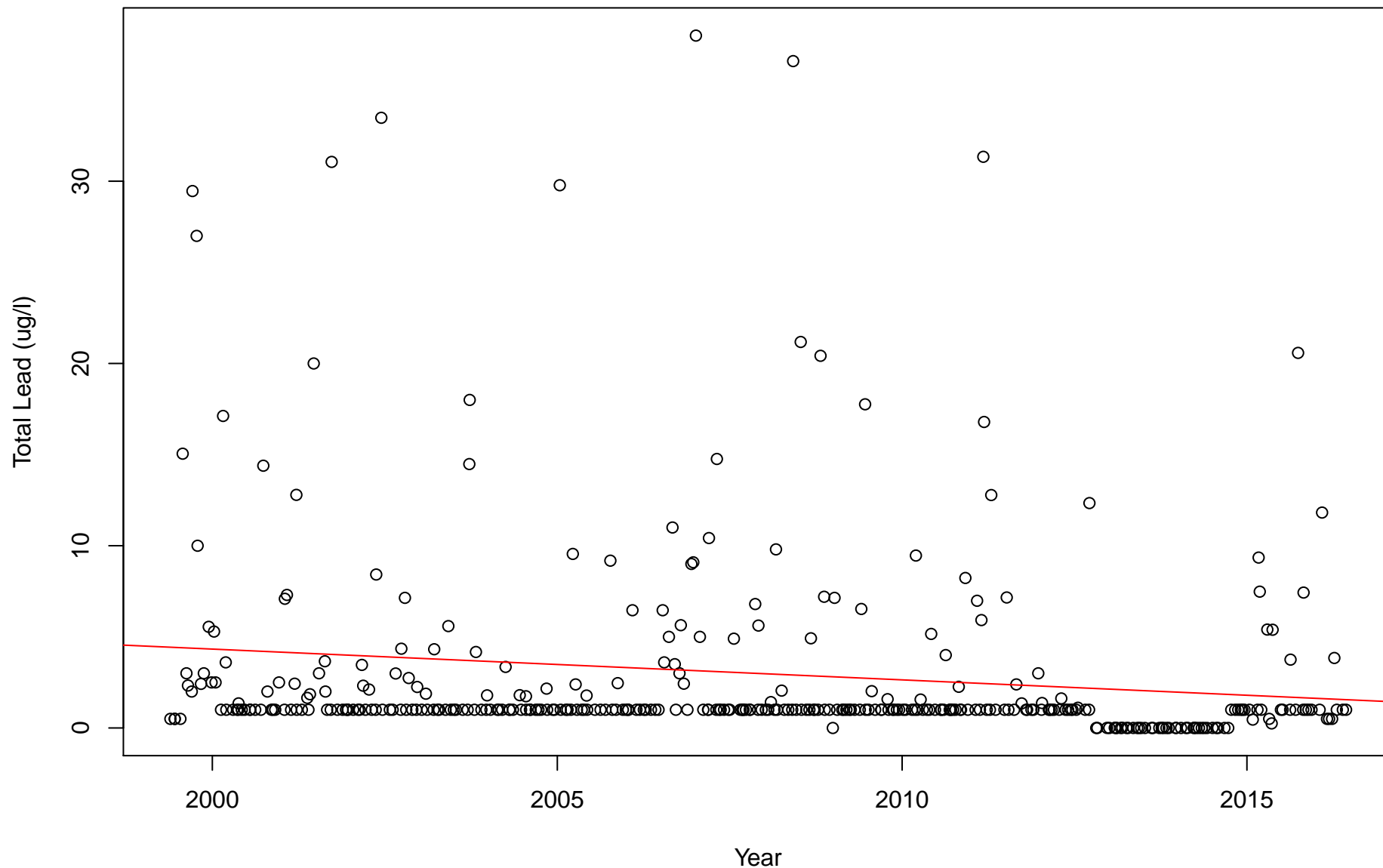
slope = -0.155815867756843; p-value = 0.147734063608351

FR02MSI000059



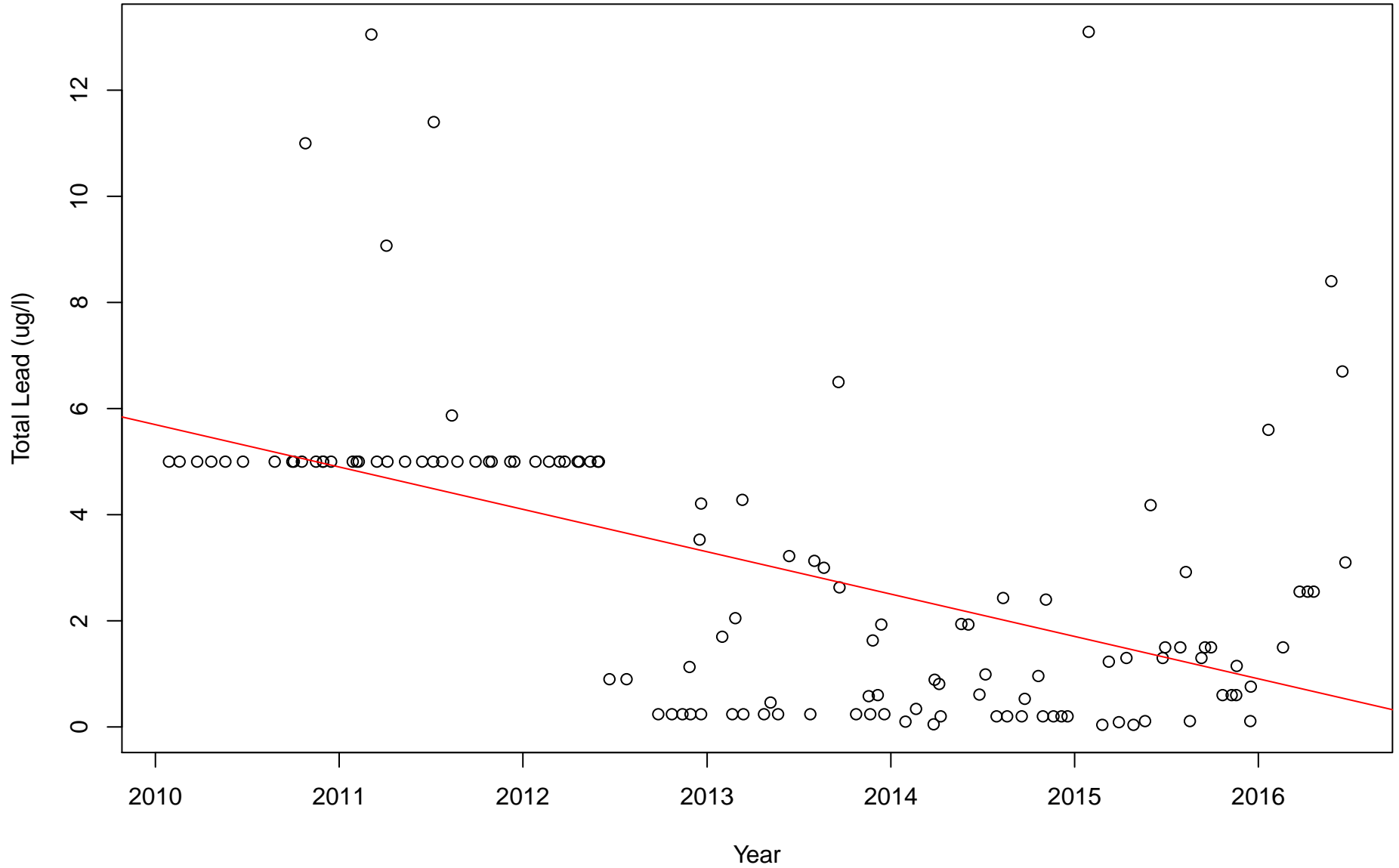
slope = -0.204092531846758 ; p-value = 0.0519879081957958

FR99MSI000058



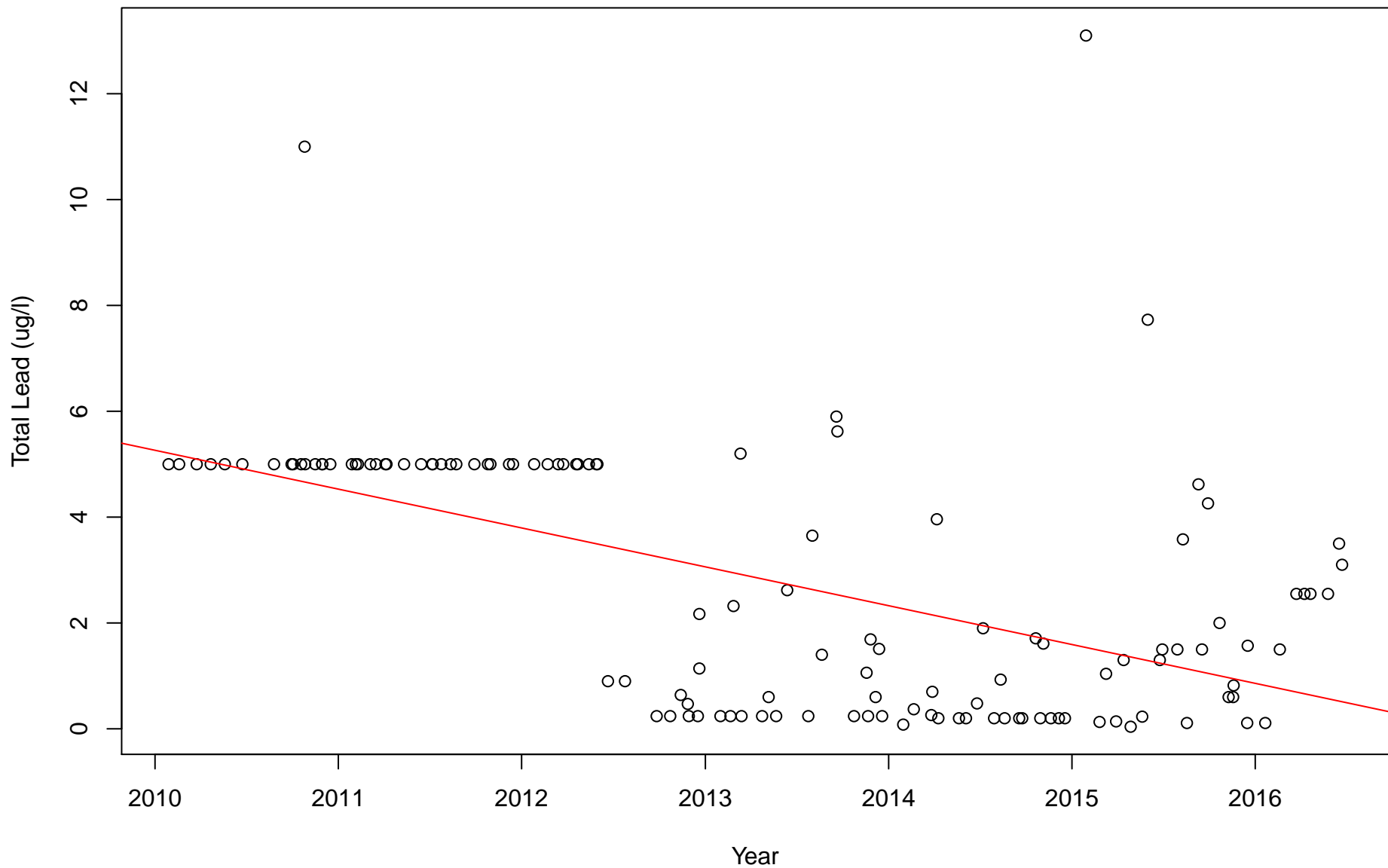
slope = -0.168751954534789 ; p-value = 0.00408259716206897

HA10MSI0WC002



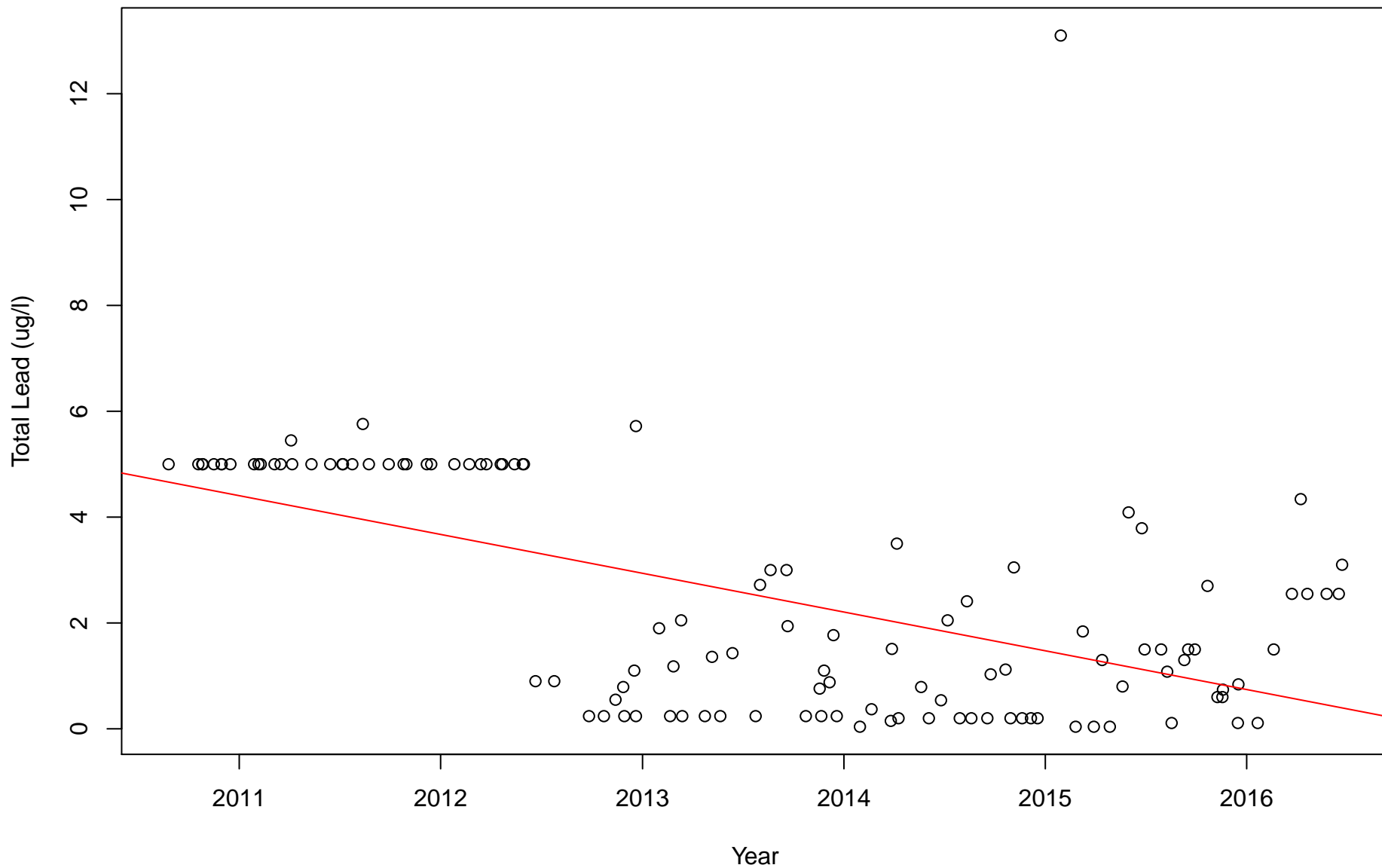
slope = -0.797827760342294 ; p-value = $4.34834596272953e-10$

HA10MSI0WC003



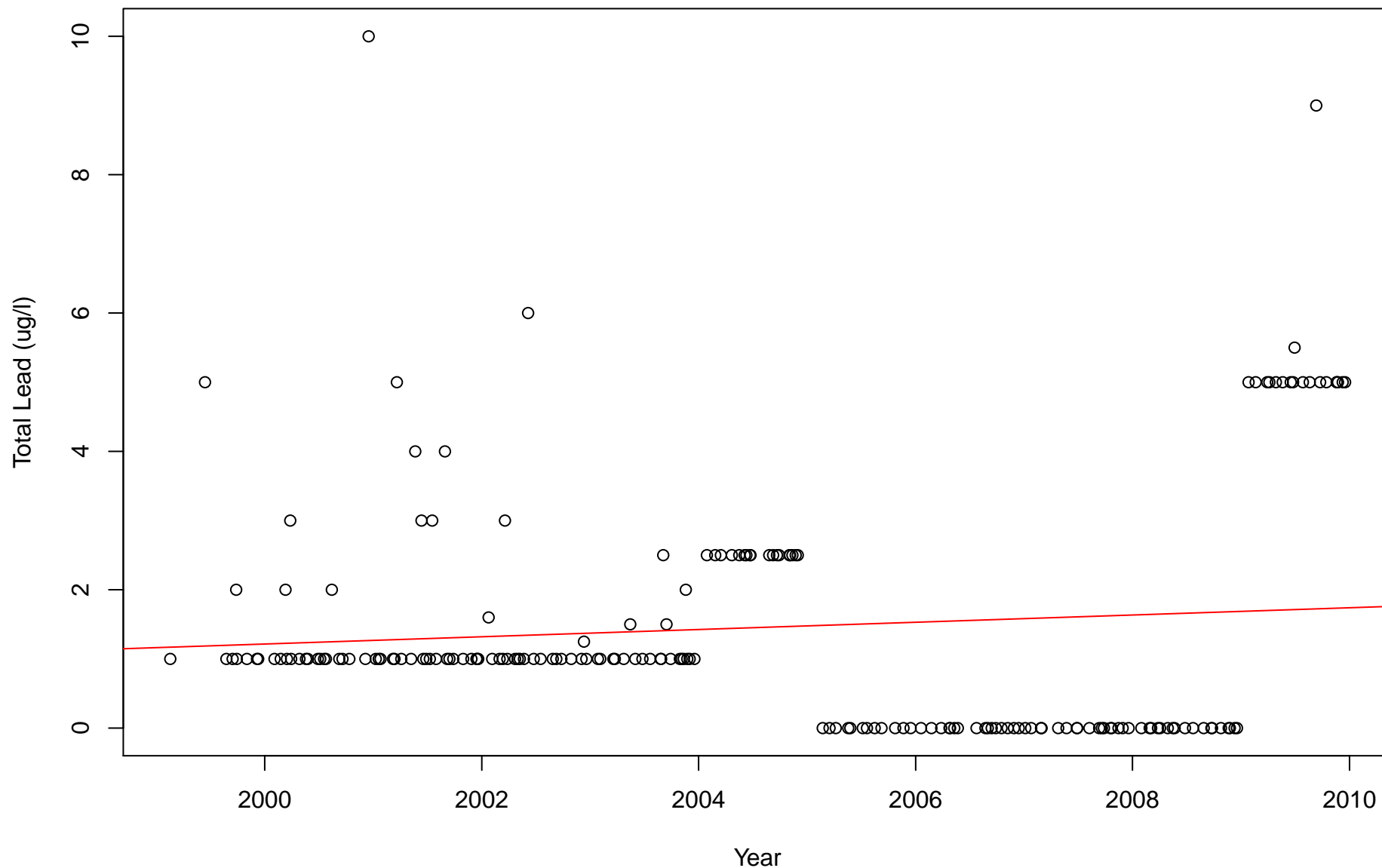
slope = -0.733595737528383; p-value = 4.04575812343295e-11

HA10MSI0WC004

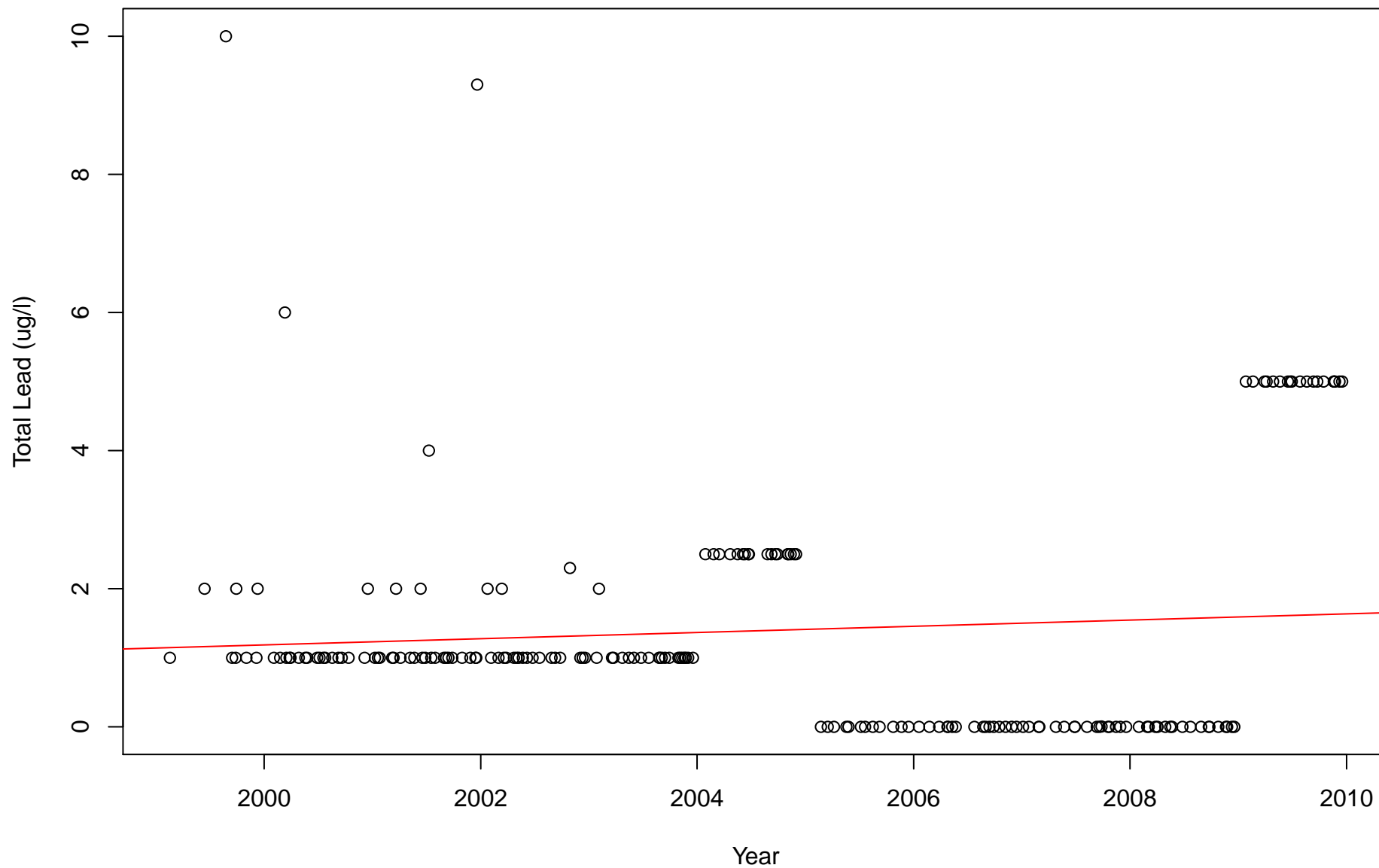


slope = -0.73226860328148; p-value = 7.97993043751425e-11

HA99MSI000001

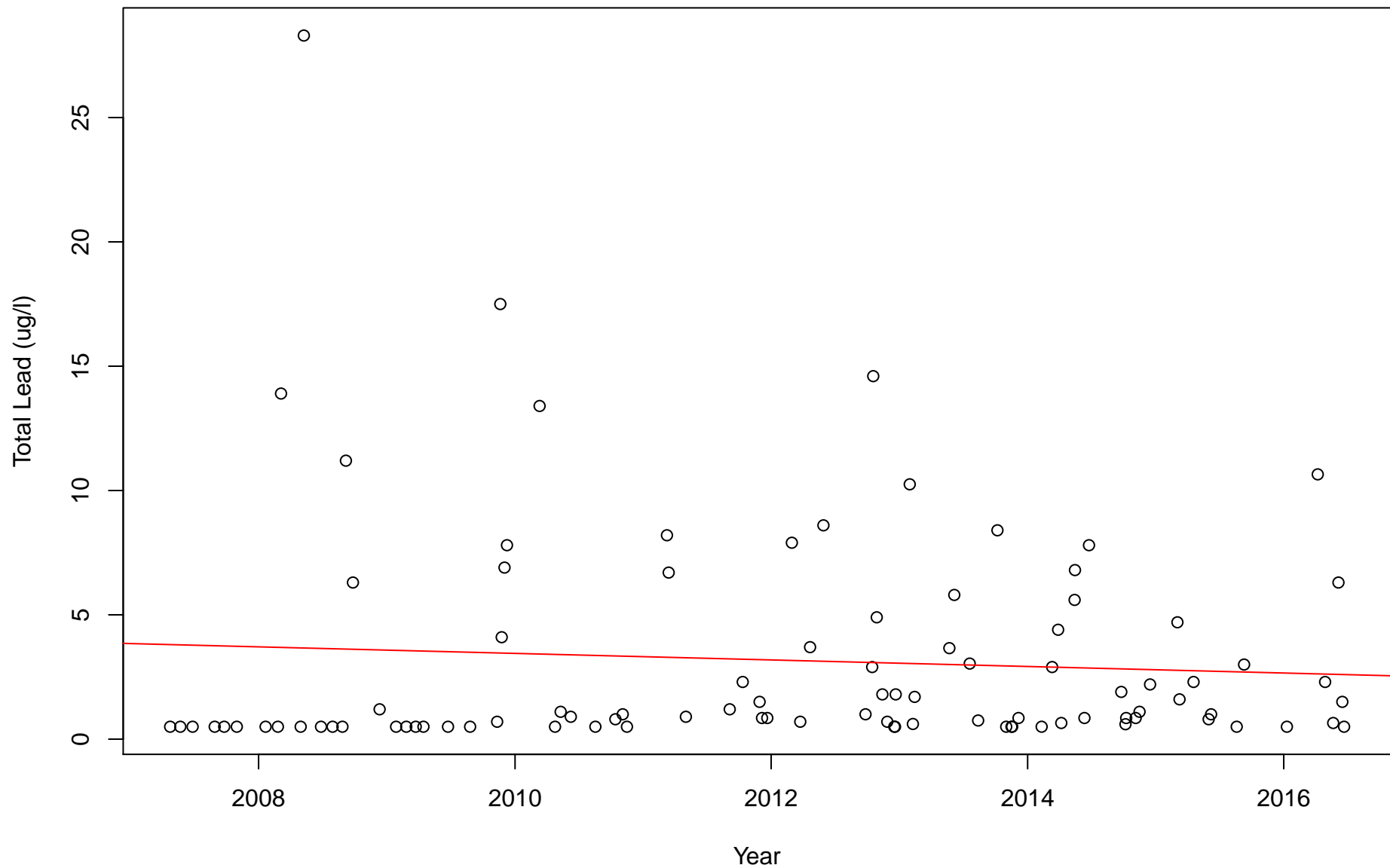


HA99MSI000002



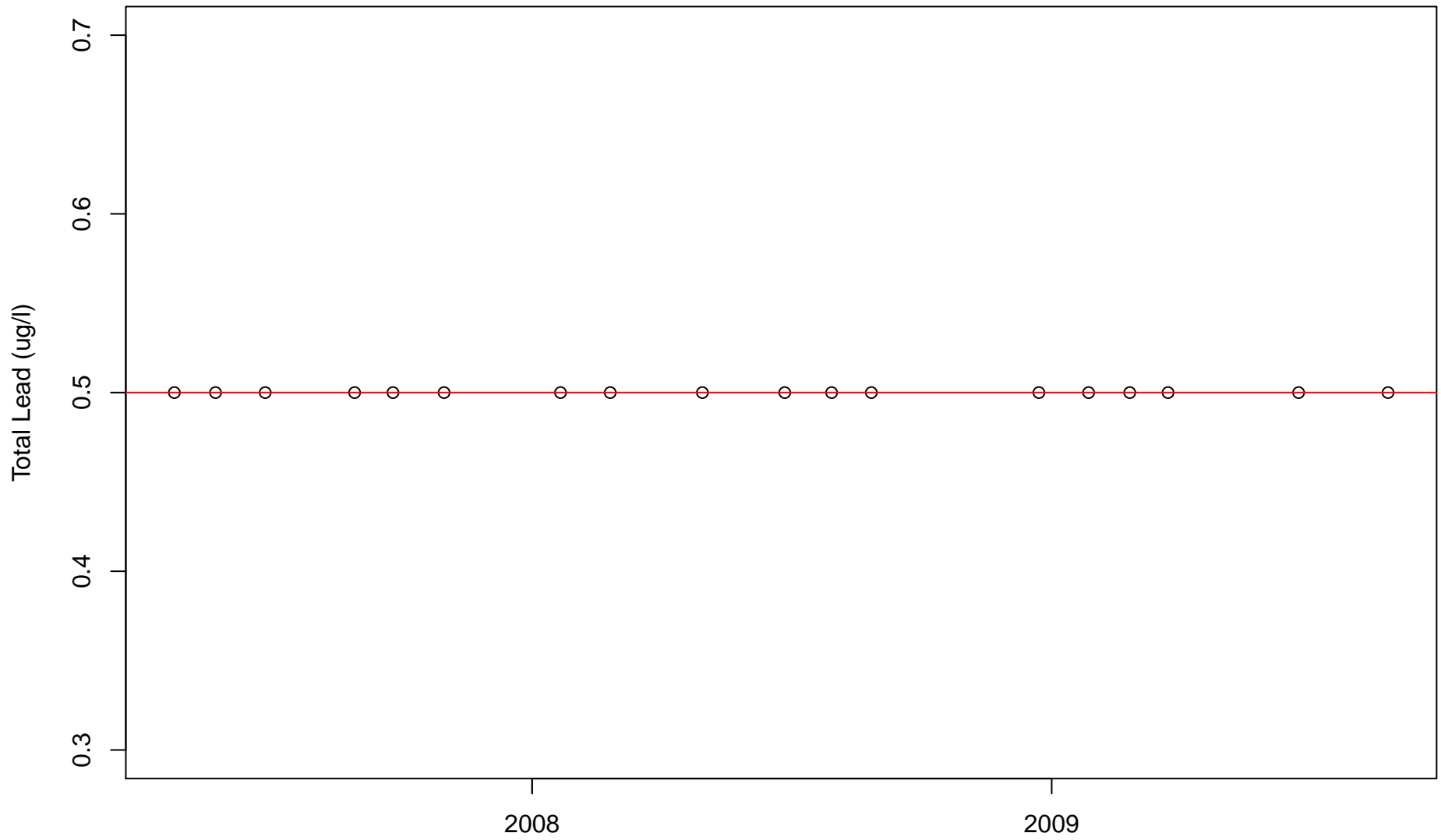
slope = 0.0449238608272156; p-value = 0.262211119136676

HO07MSI000035



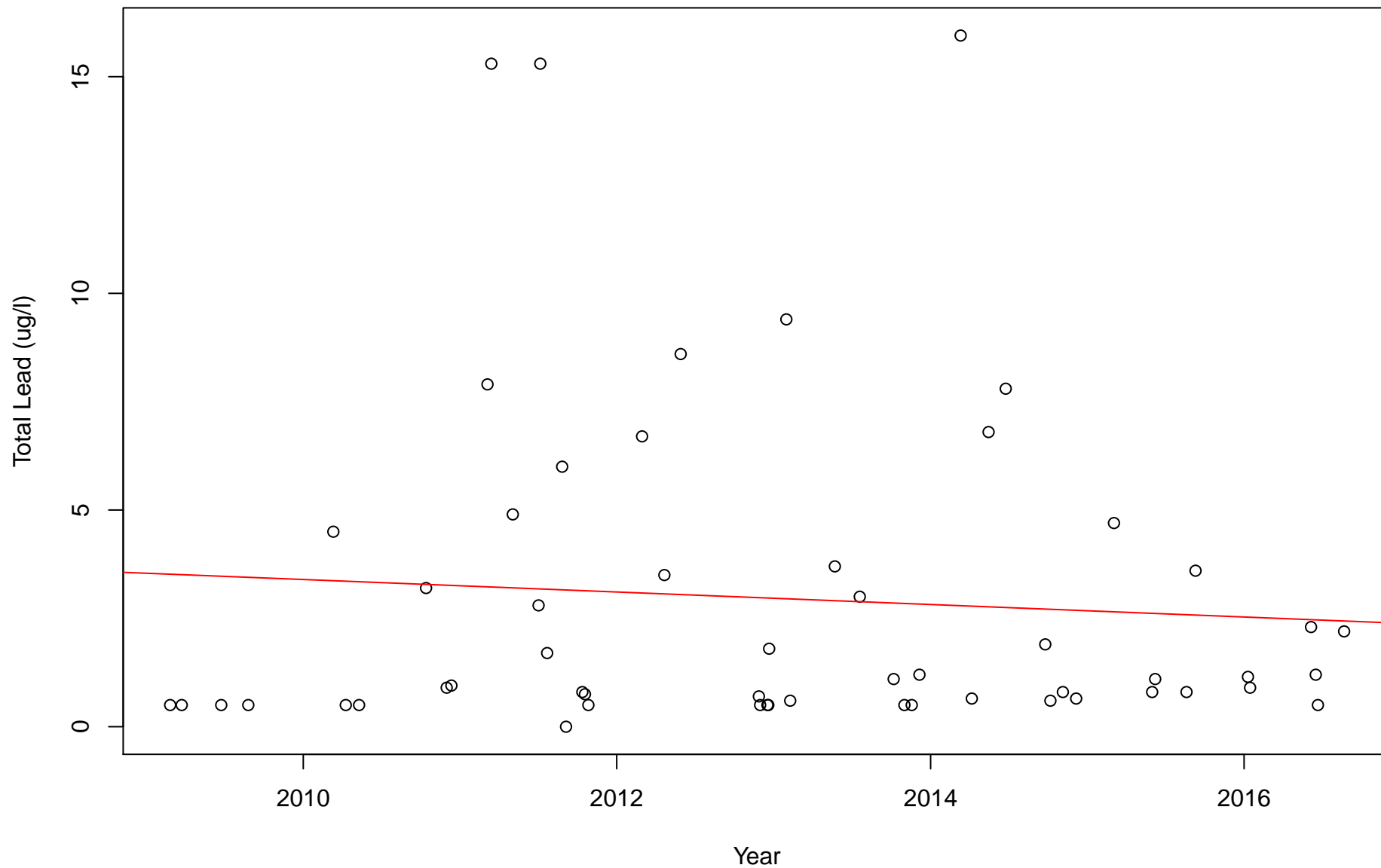
slope = -0.131518449535593; p-value = 0.449345787998072

HO07MSI0000CL



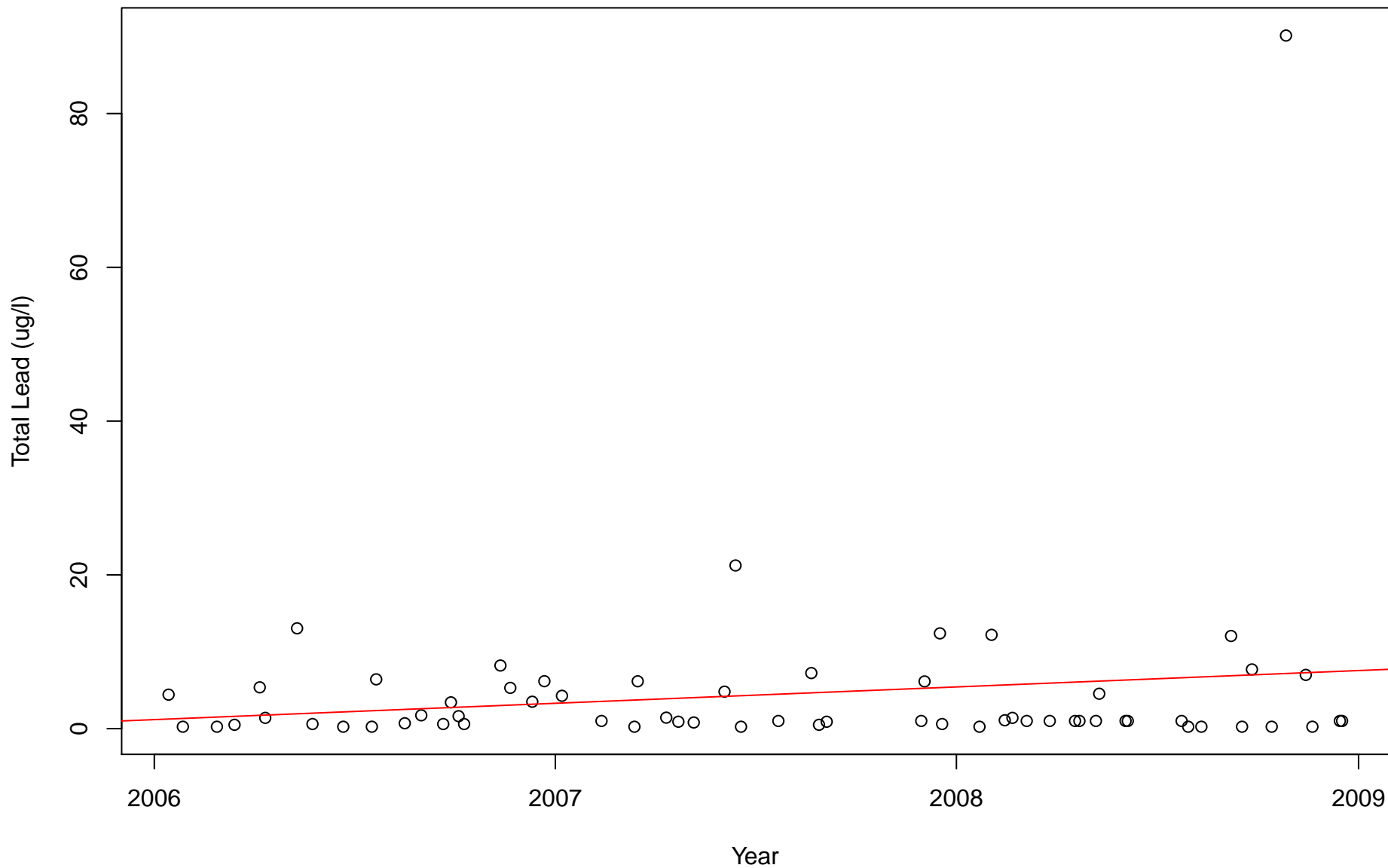
Year
slope = 1.08989765279833e-16; p-value = 0.135606085665068

HO09MSI000036



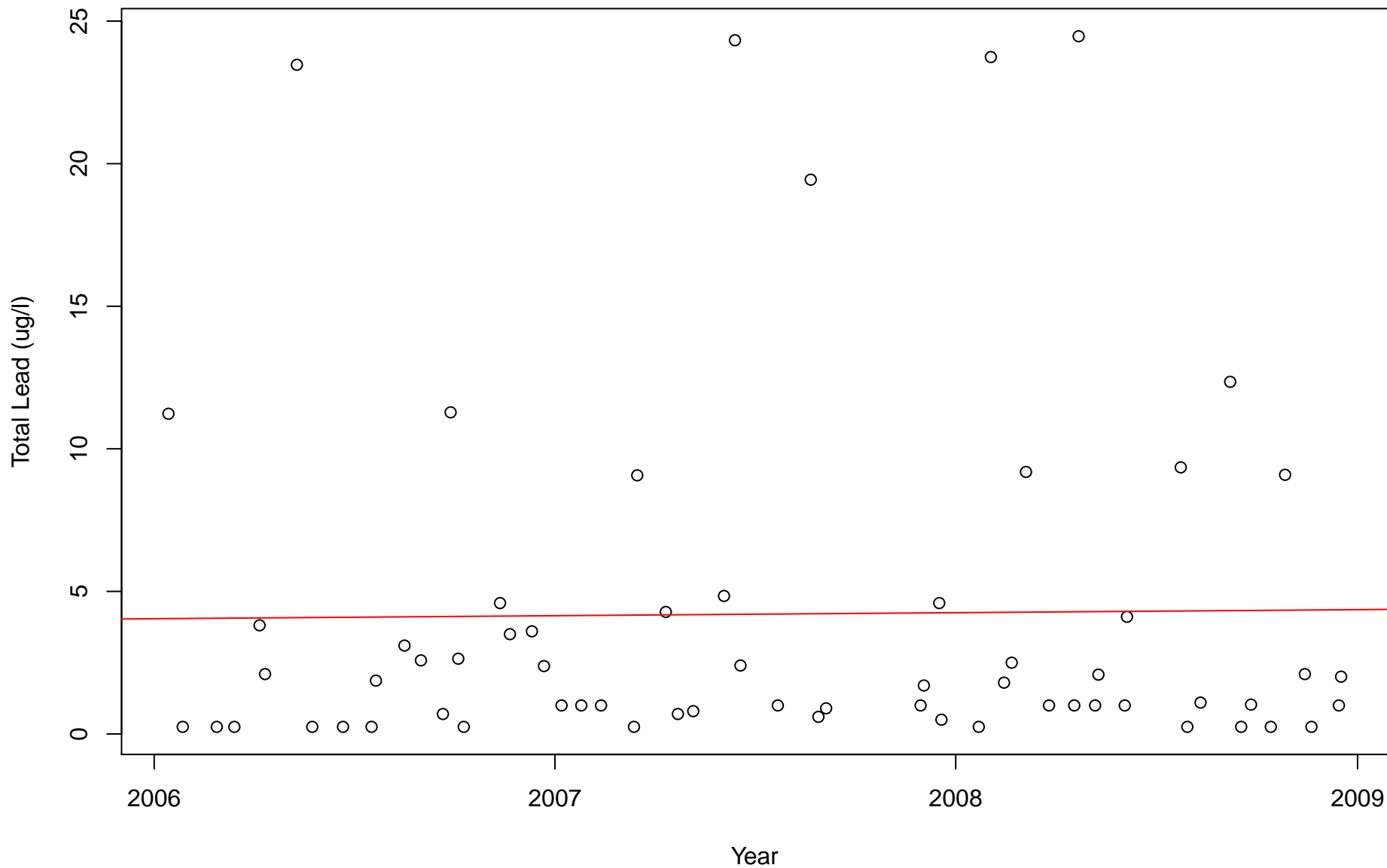
slope = -0.144153410053943; p-value = 0.570031892319587

MO02MSI000104



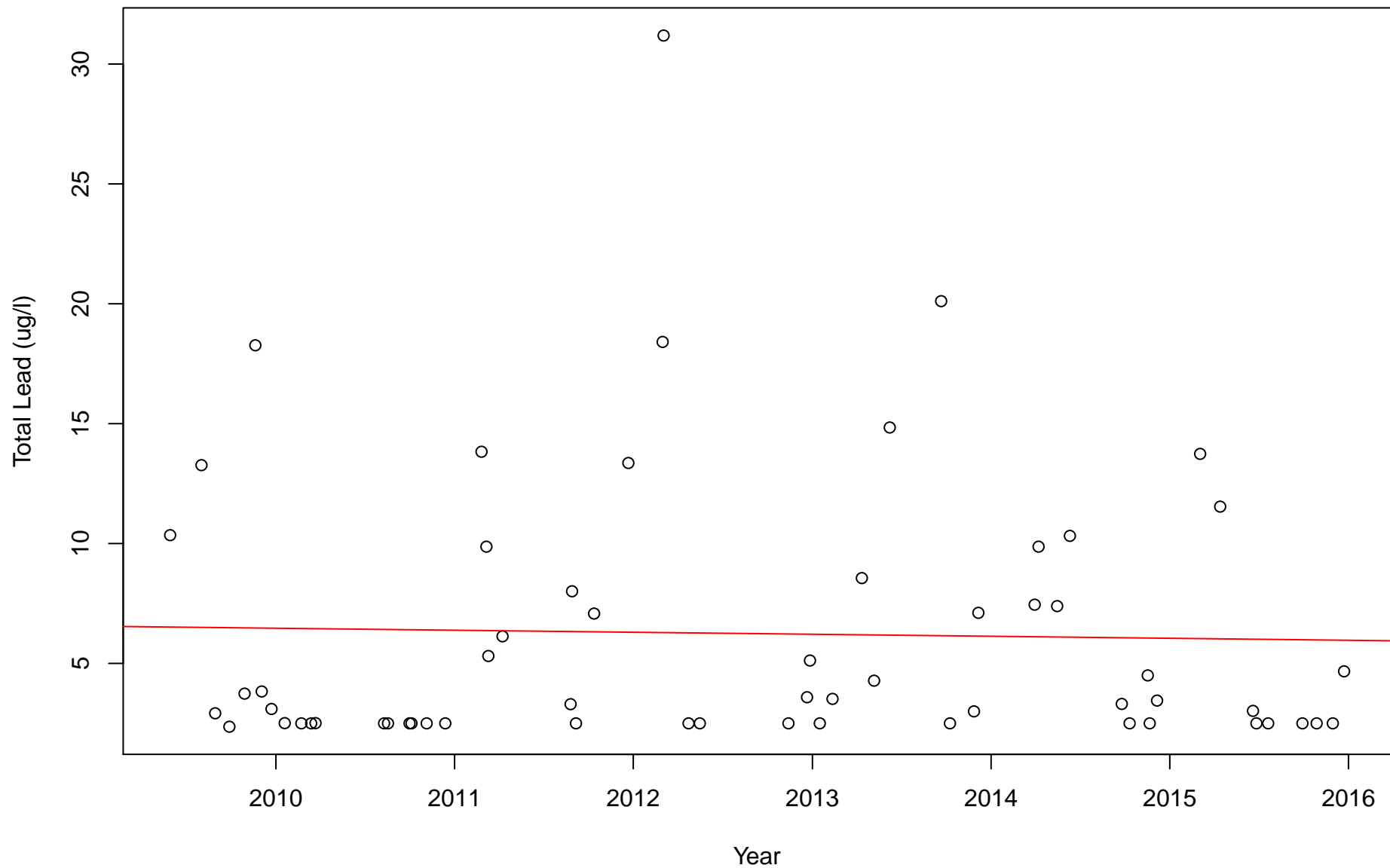
slope = 2.12577086504329; p-value = 0.207403792143194

MO02MSI000310



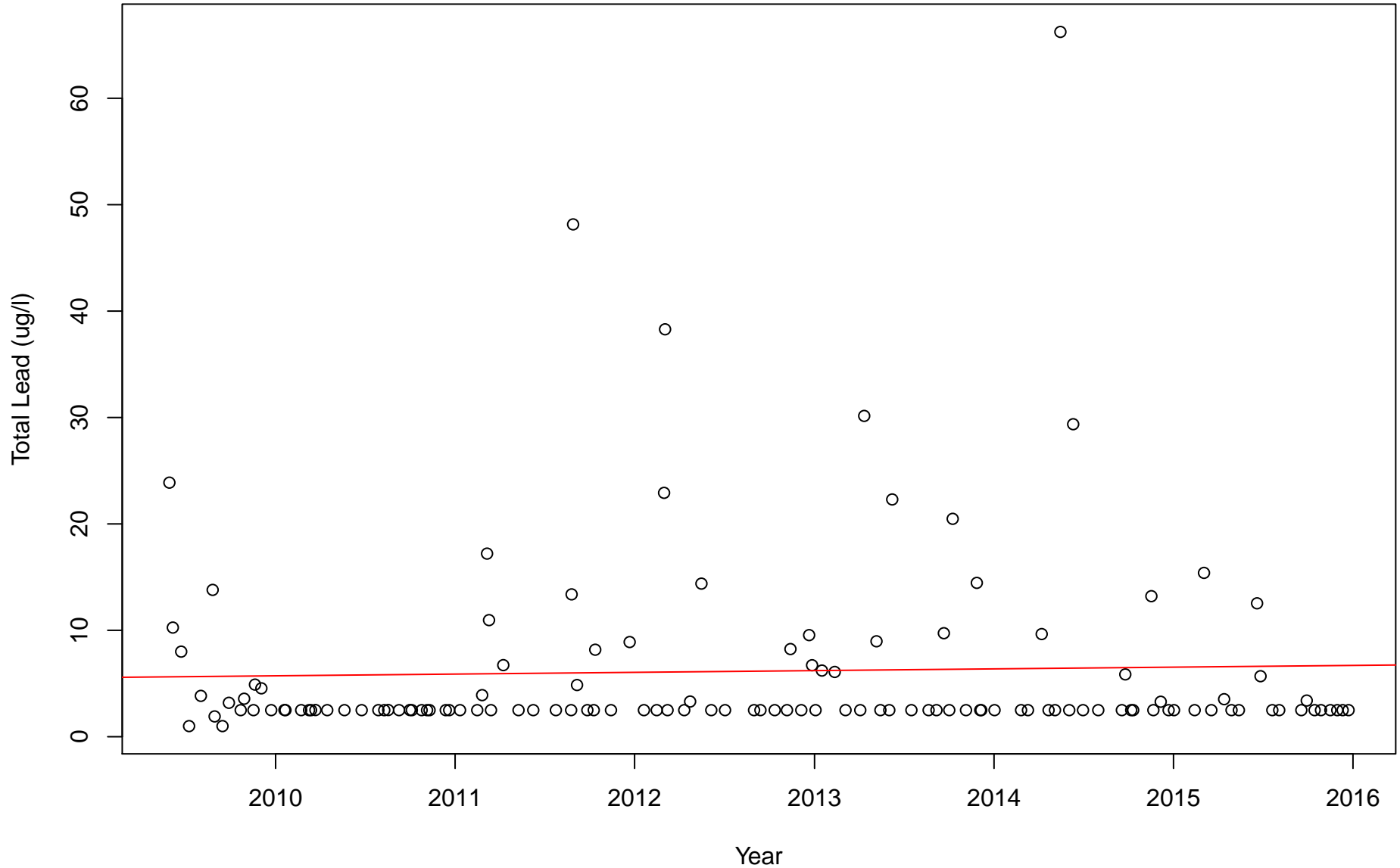
slope = 0.105863801567496; p-value = 0.907783109374704

MO09MSI000001



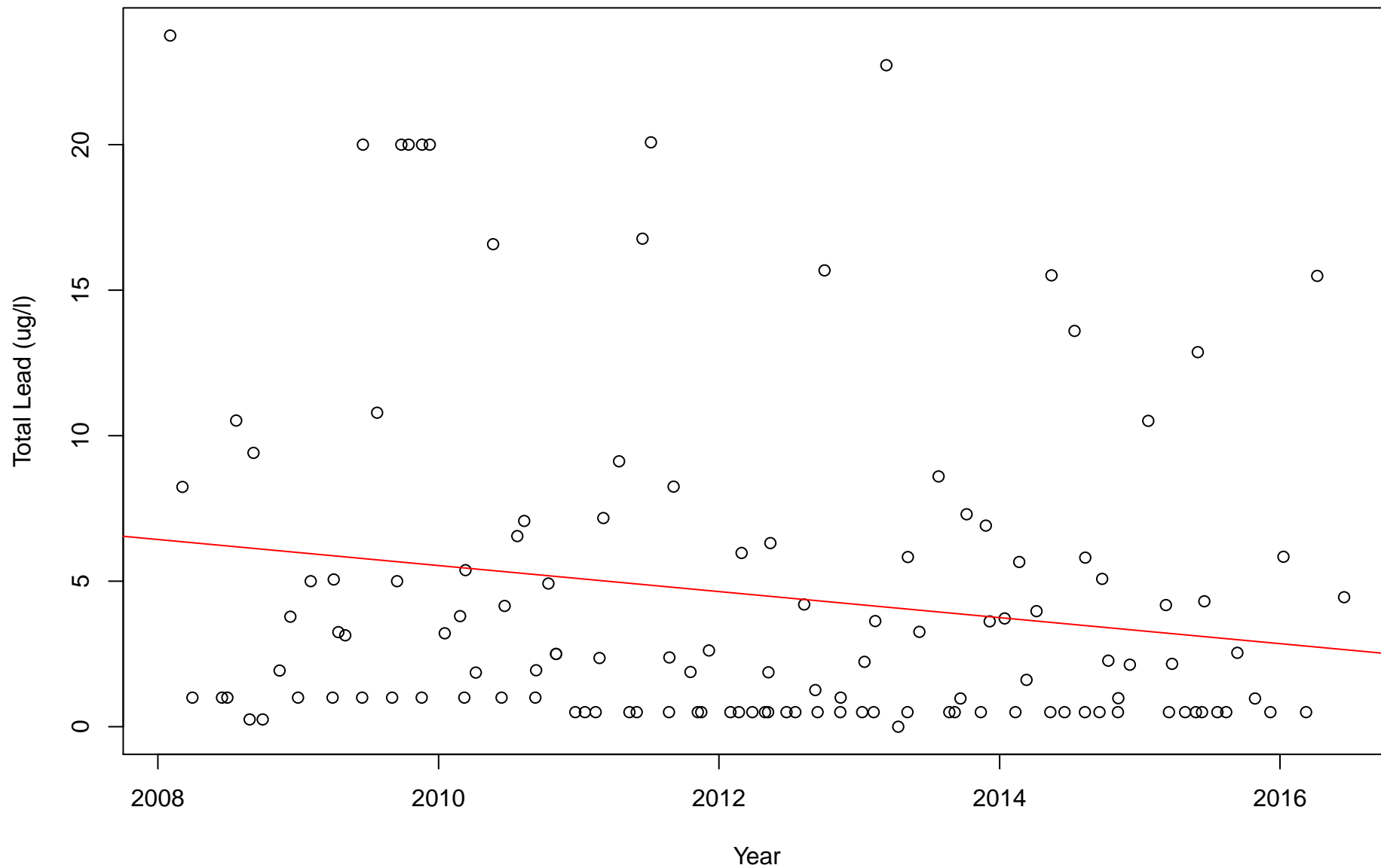
slope = -0.0837348752831; p-value = 0.818190377976535

MO09MSI000002



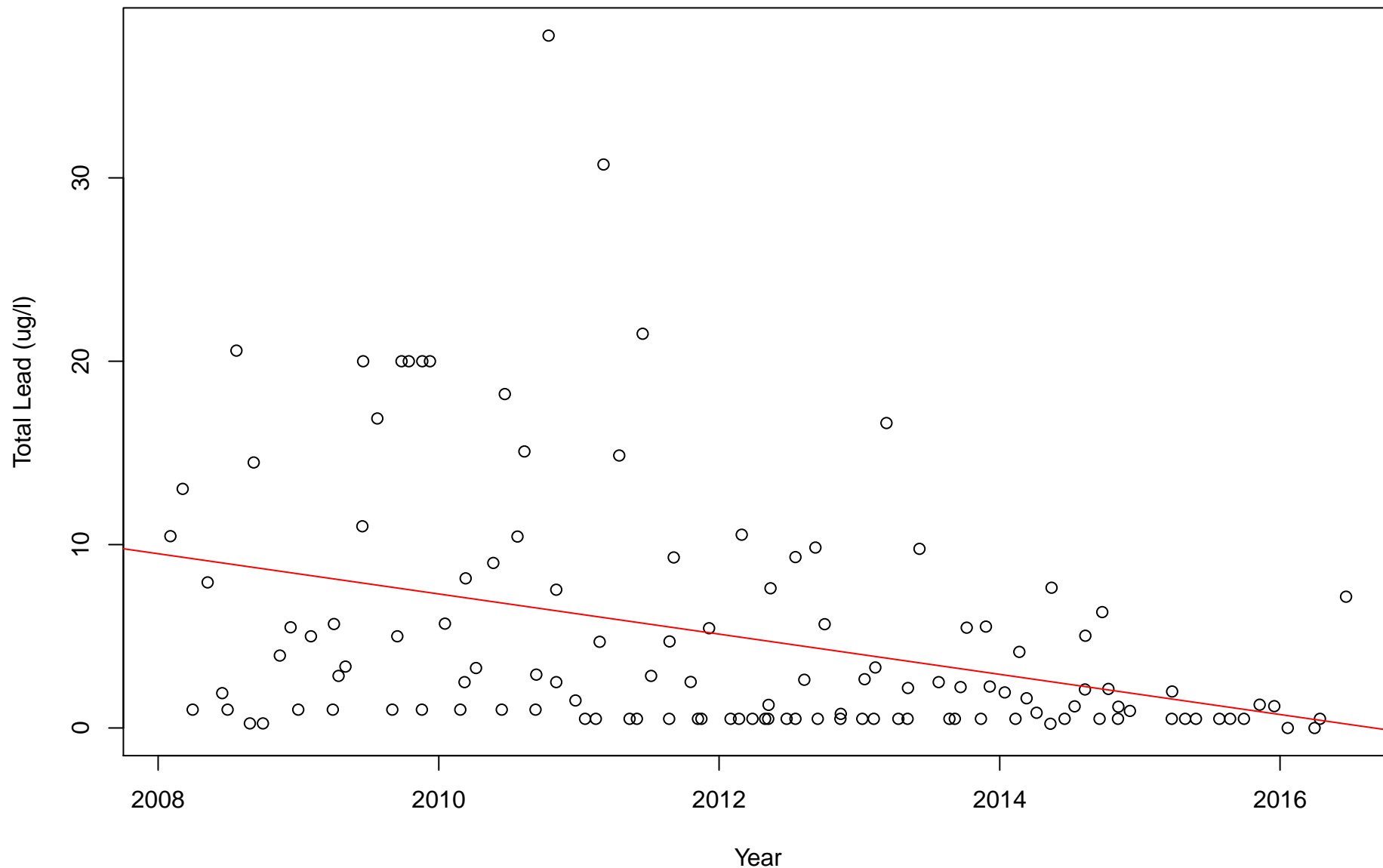
slope = 0.162462400468324; p-value = 0.688490160356492

PG15MSI000012



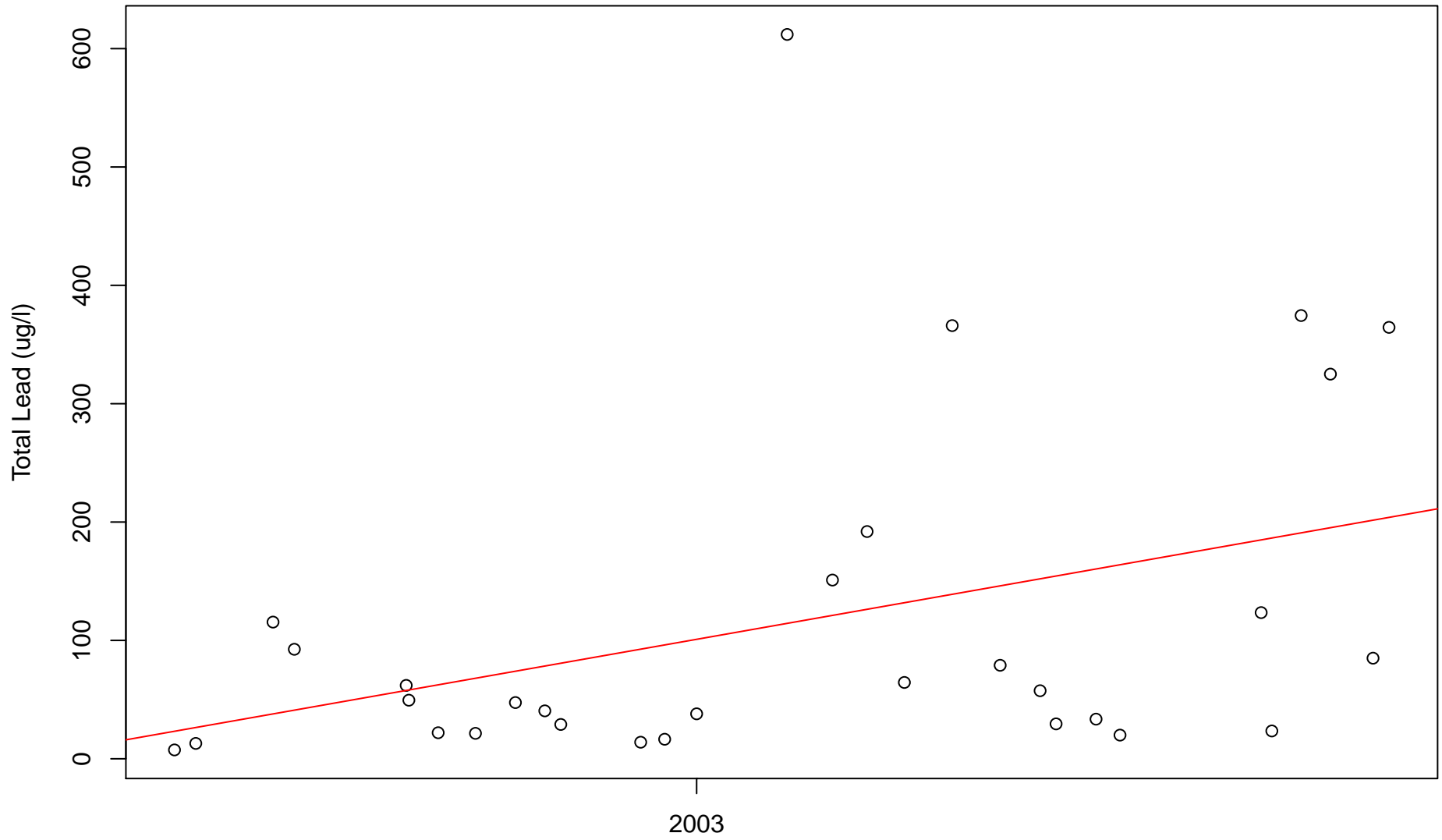
slope = -0.447032456089242 ; p-value = 0.0453088190792584

PG15MSI000013



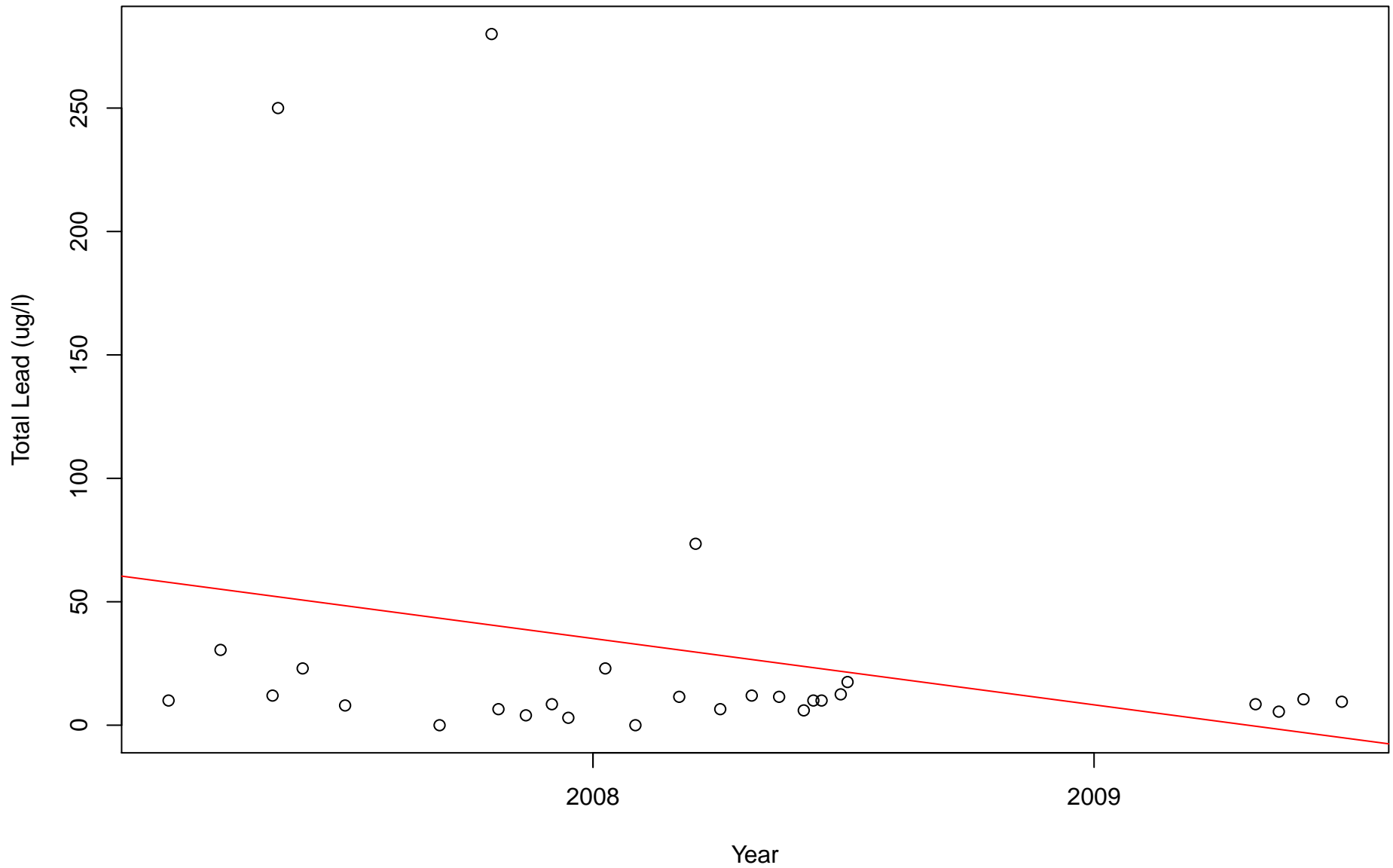
slope = -1.09531083544911; p-value = 3.33439993305451e-05

SHA02MSI00MR01



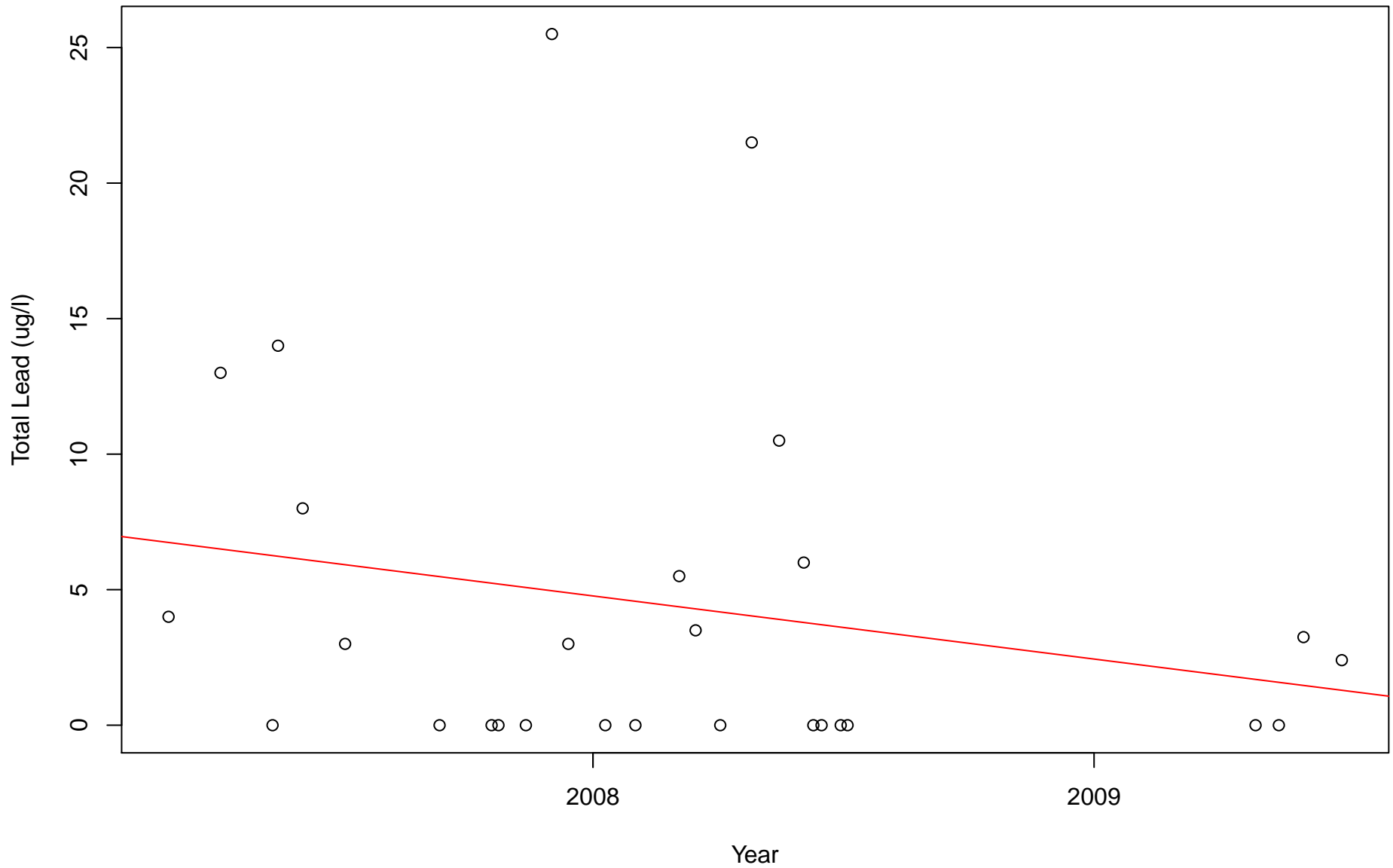
Year
slope = 144.653871756419; p-value = 0.0363296158833634

SHA04MSI00GS01



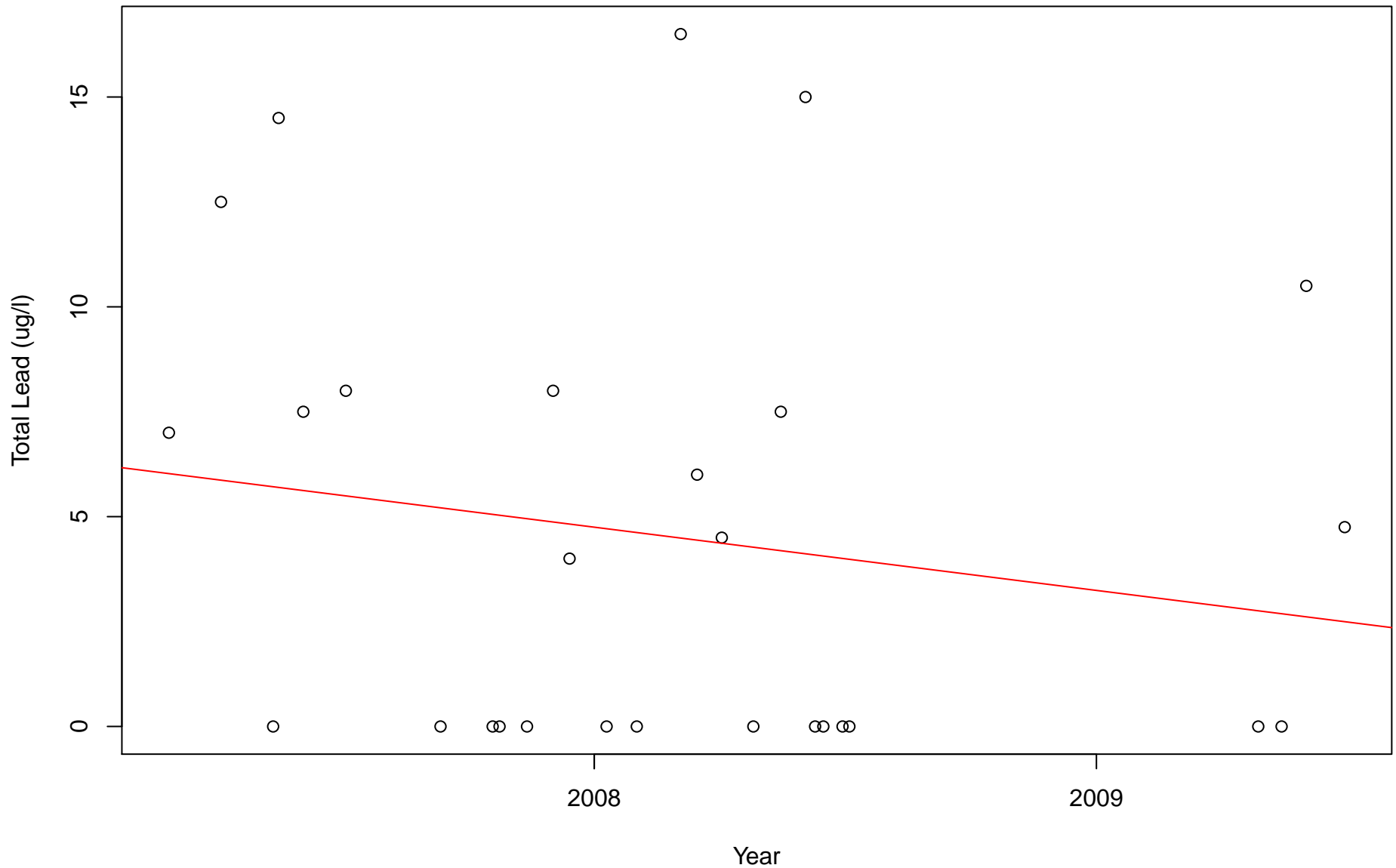
slope = -26.7930347348761 ; p-value = 0.183473943747836

SHA04MSI00GS02



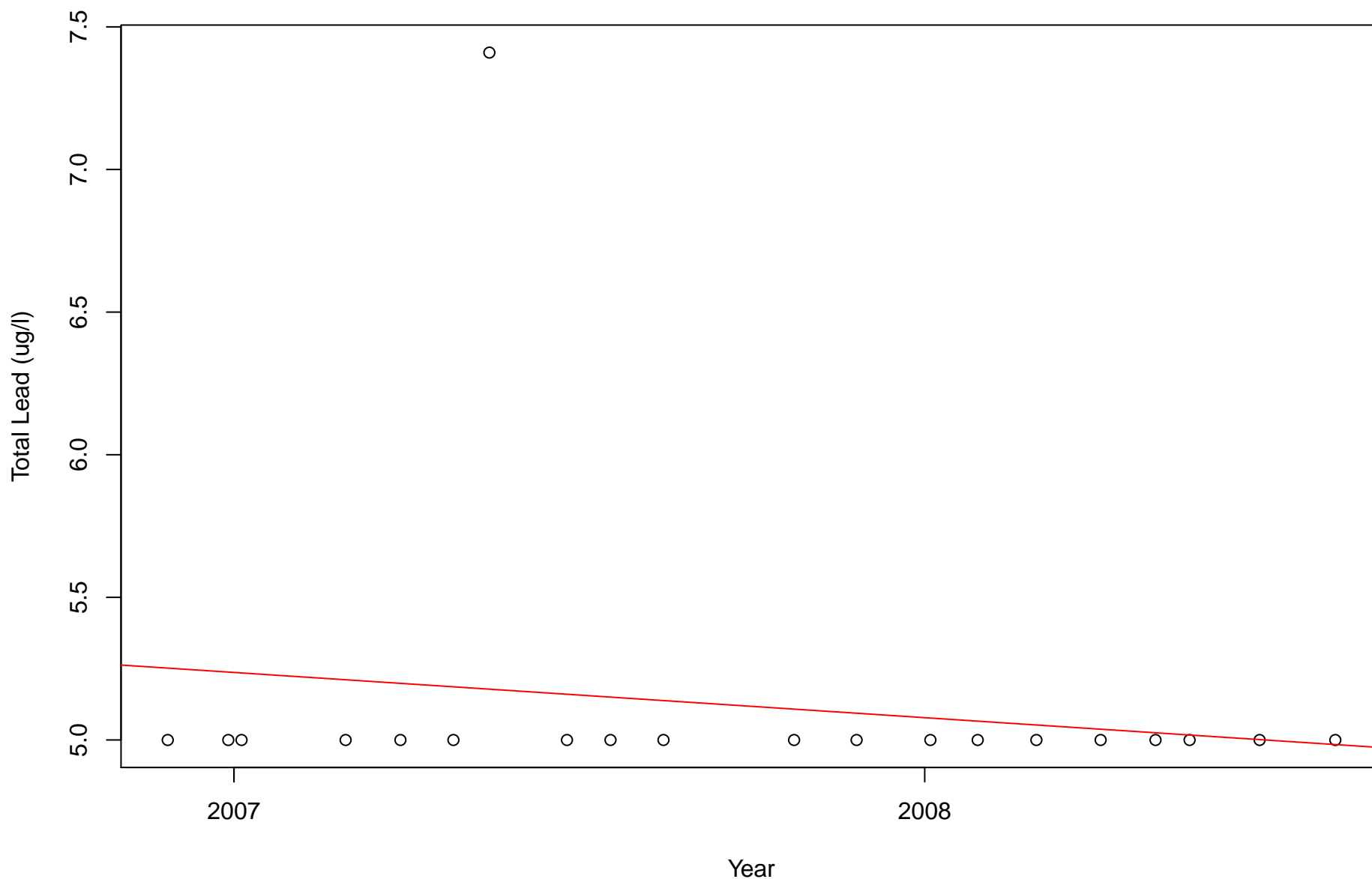
slope = -2.32238694620106 ; p-value = 0.251669254763299

SHA04MSI00GS03



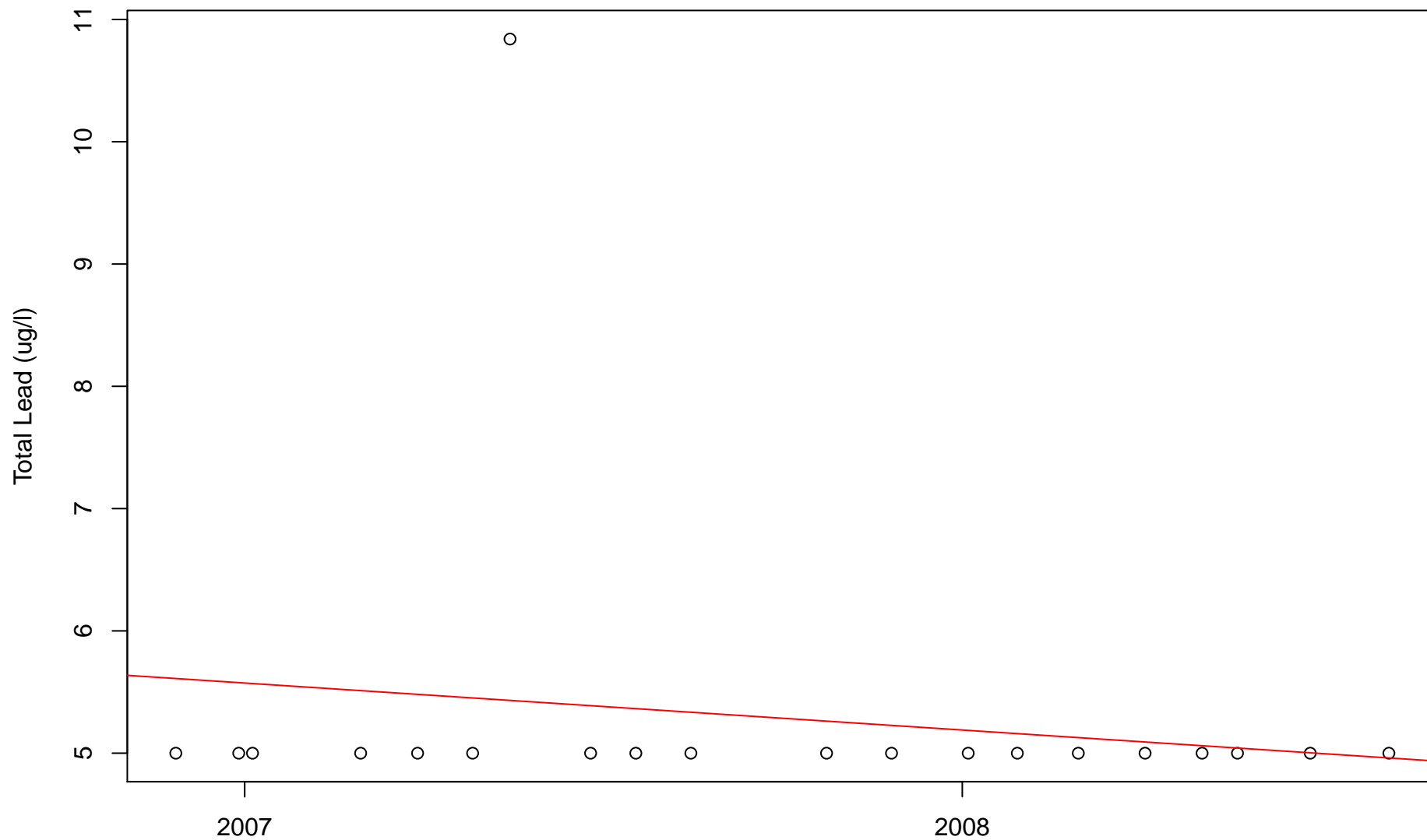
slope = -1.50303937504885 ; p-value = 0.354719049095755

SHA06MSI00LD01



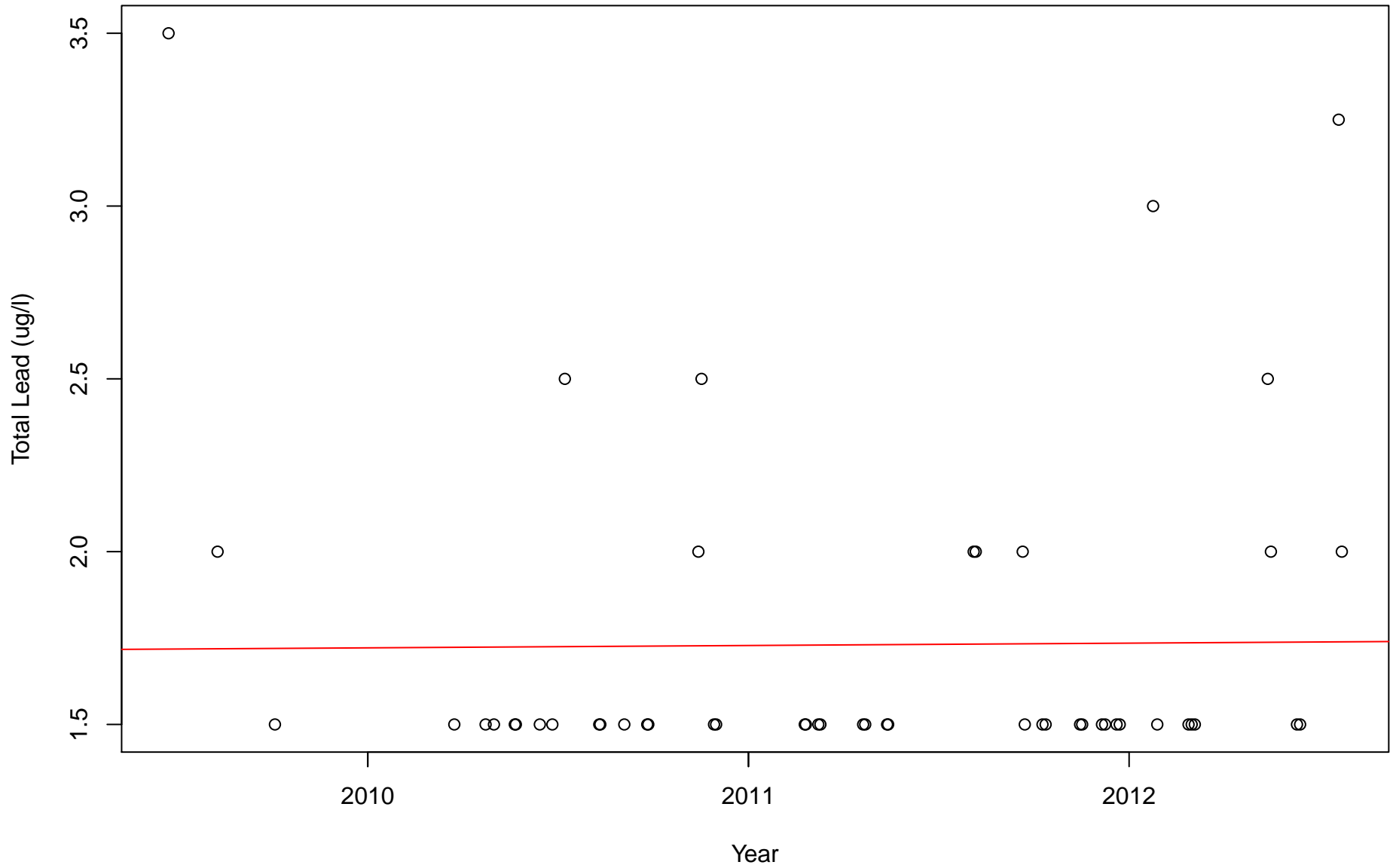
slope = -0.158587908570053 ; p-value = 0.504273814528908

SHA06MSI00LD02

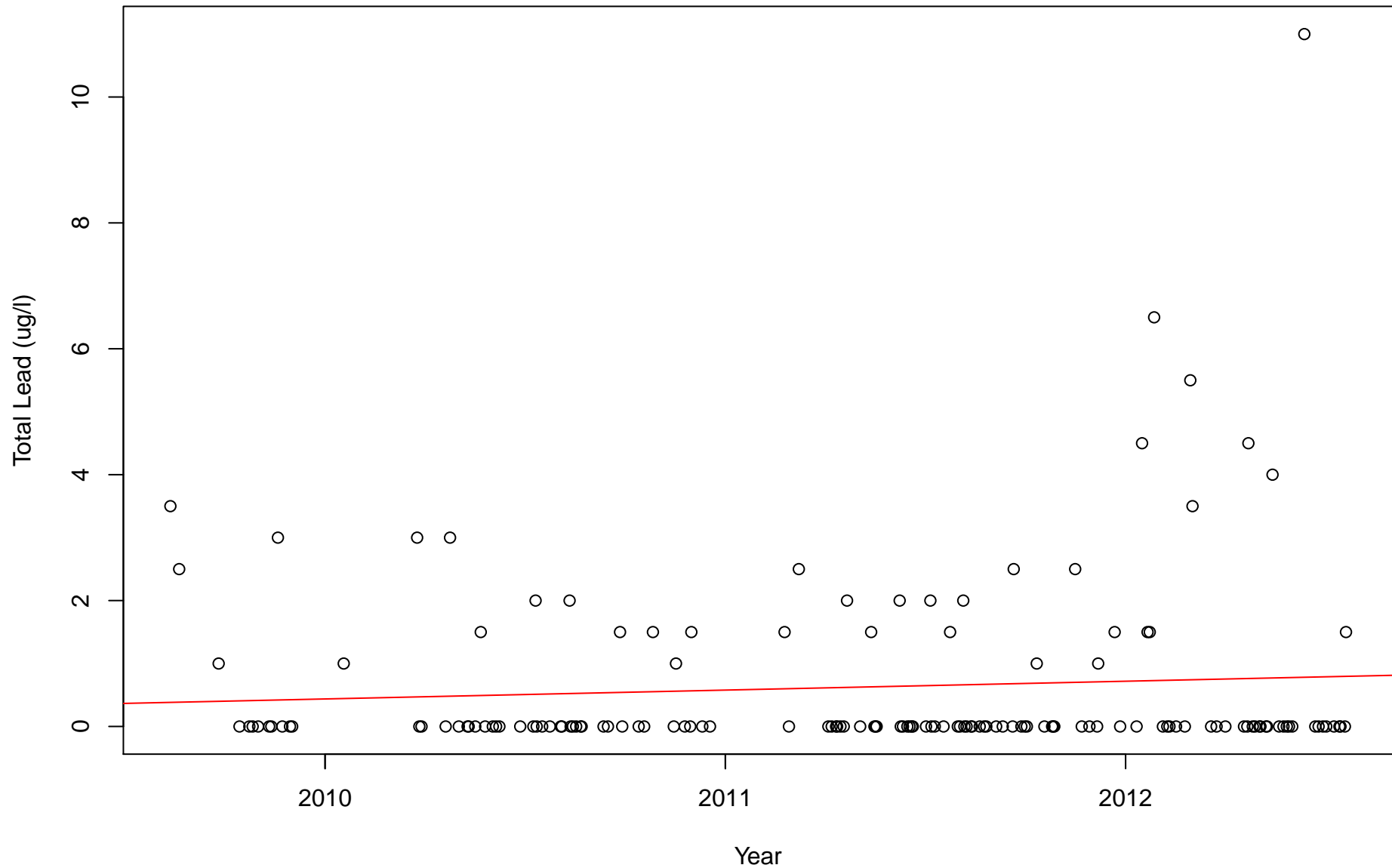


Year
slope = -0.384296010808764 ; p-value = 0.504273814528903

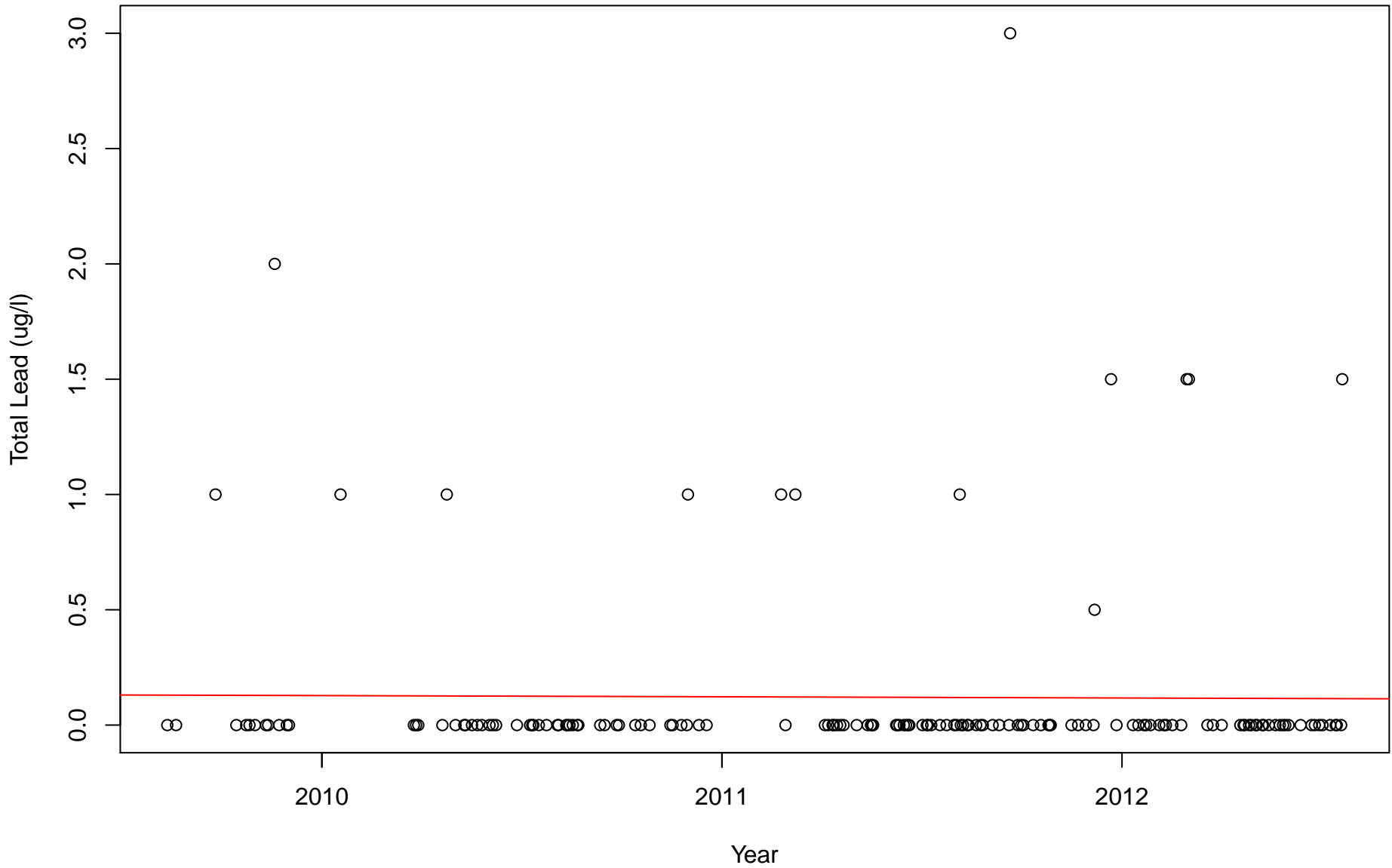
SHA08MSI00WI01



slope = 0.00679522474421305; p-value = 0.935832056198382

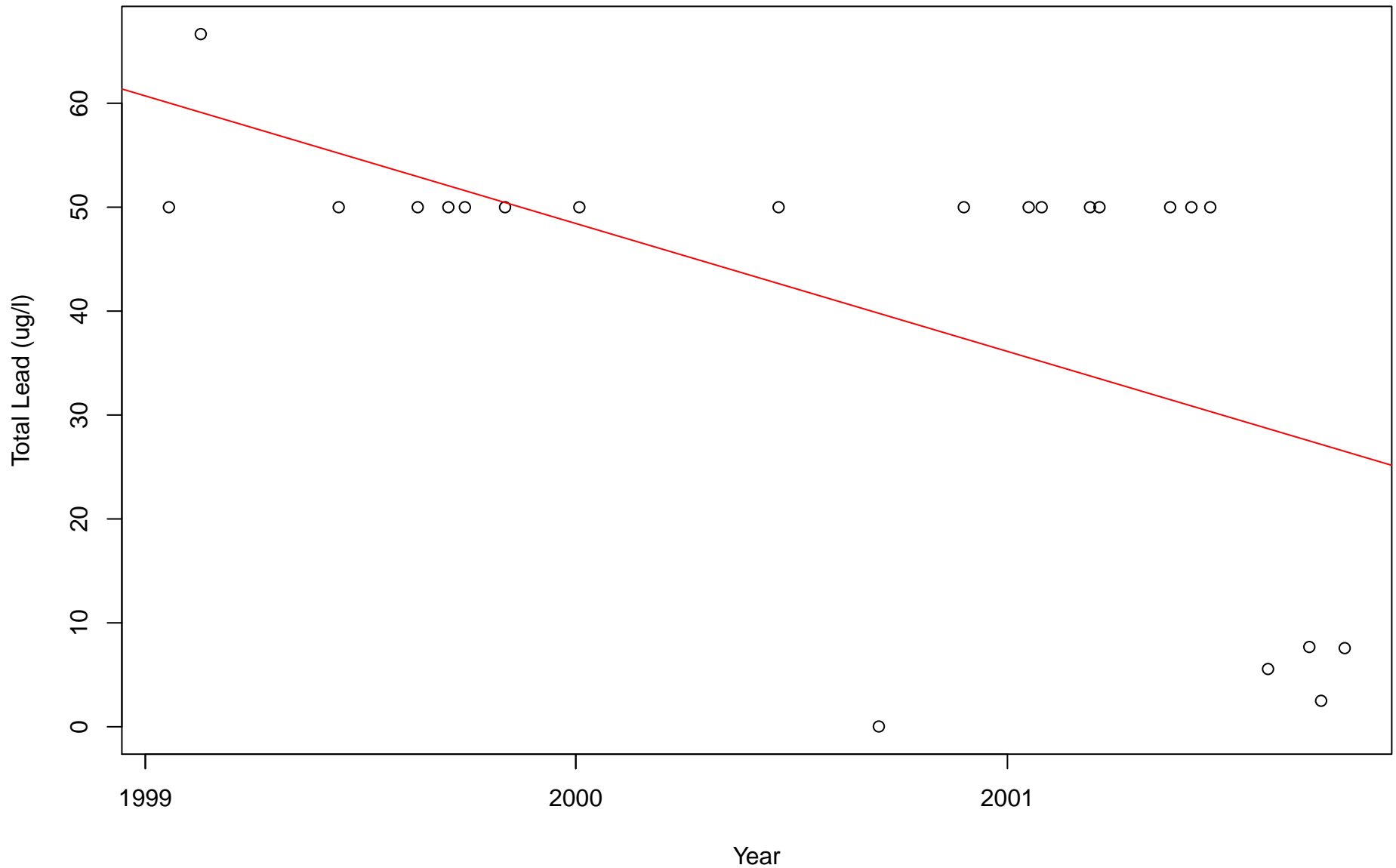
SHA08MSI00WI02

slope = 0.140844255651572; p-value = 0.329032933962791

SHA08MSI00WI03

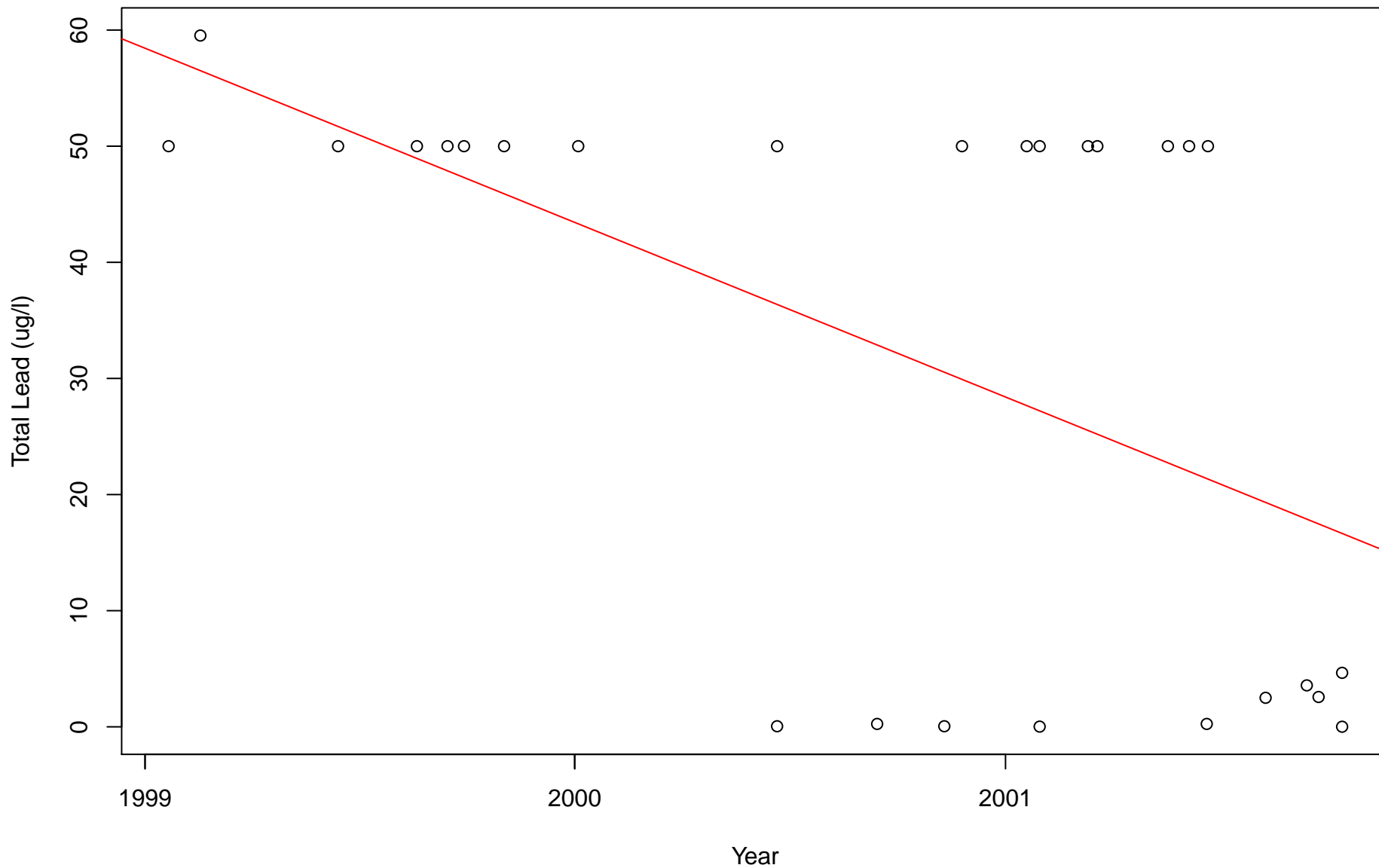
slope = -0.00519624588779251; p-value = 0.901416280084389

SHA98MSI00PS01



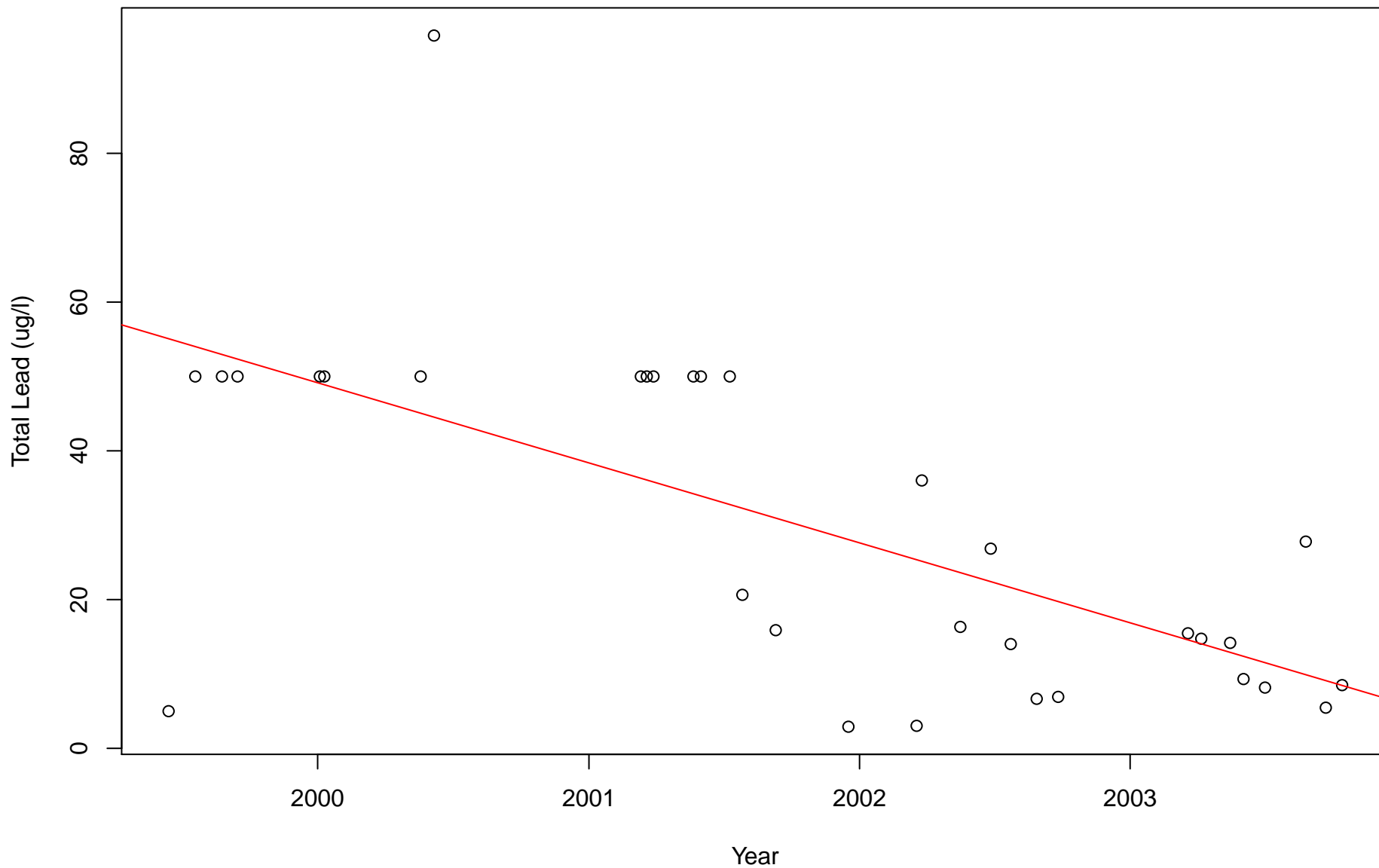
slope = -12.2763052082444 ; p-value = 0.00745804705266041

SHA98MSI00PS02



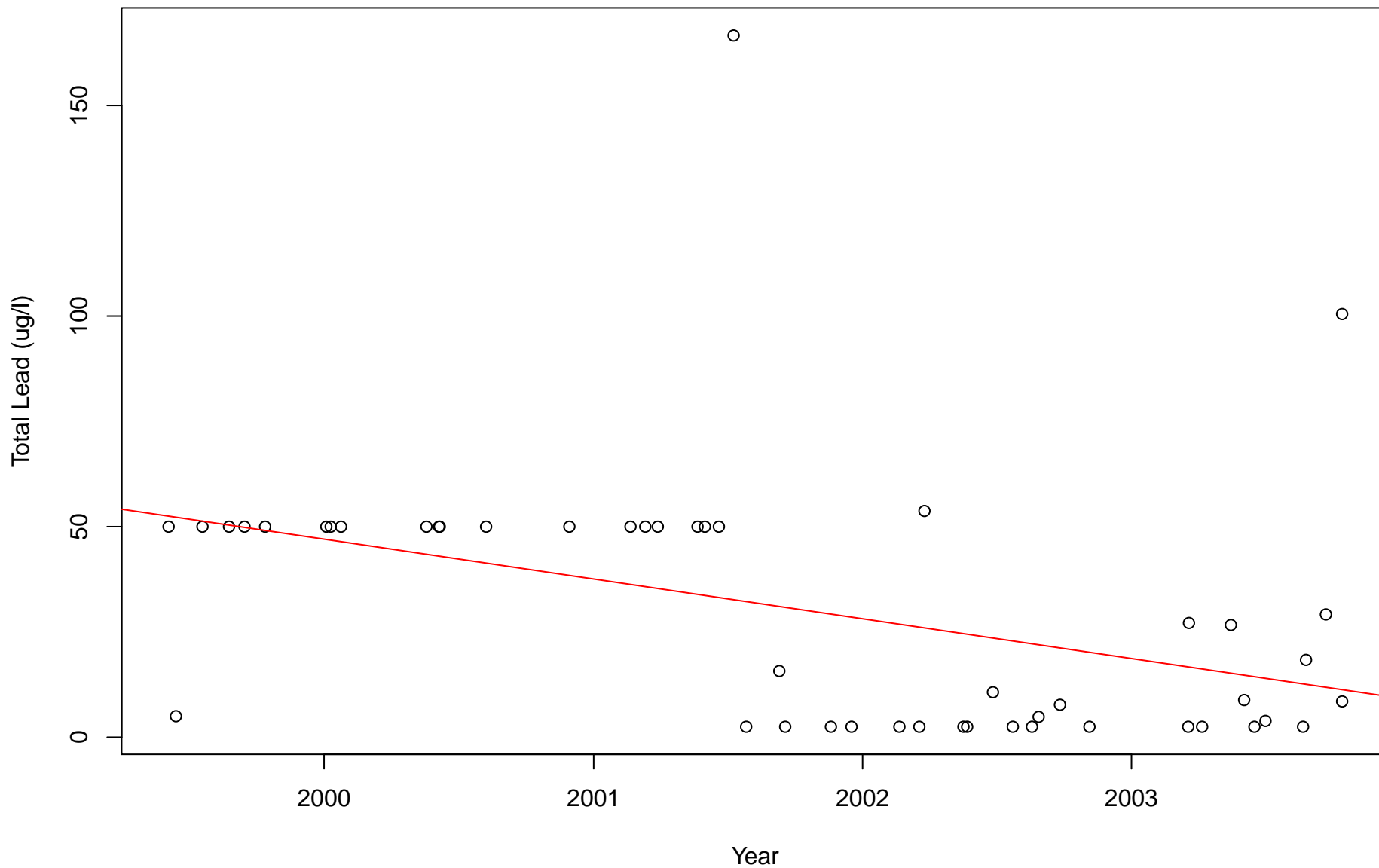
slope = -14.9969571791443 ; p-value = 0.00403563125367763

SHA99MSI00DV01



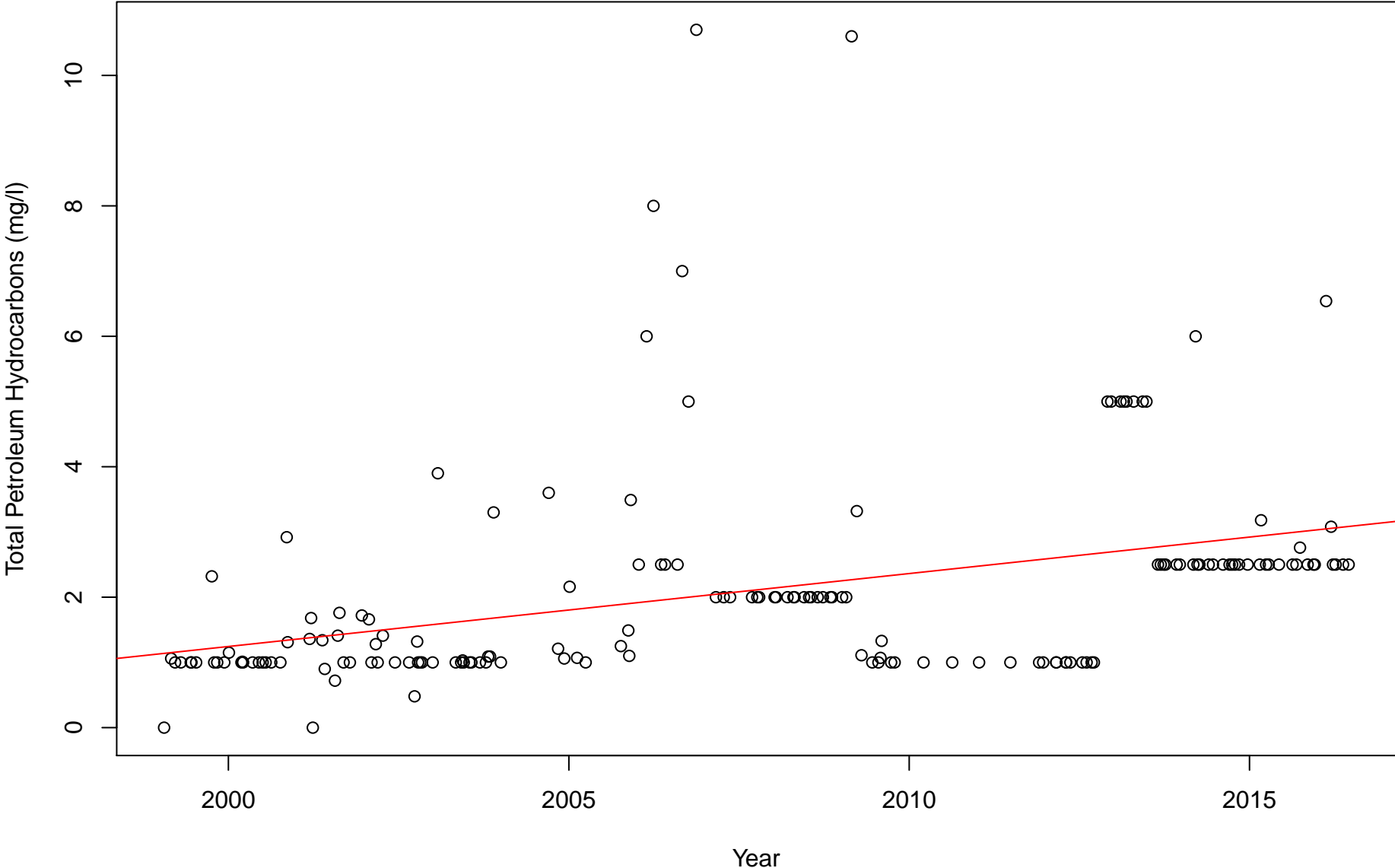
slope = -10.7492459108723 ; p-value = $5.20724519953208e-05$

SHA99MSI00DV02



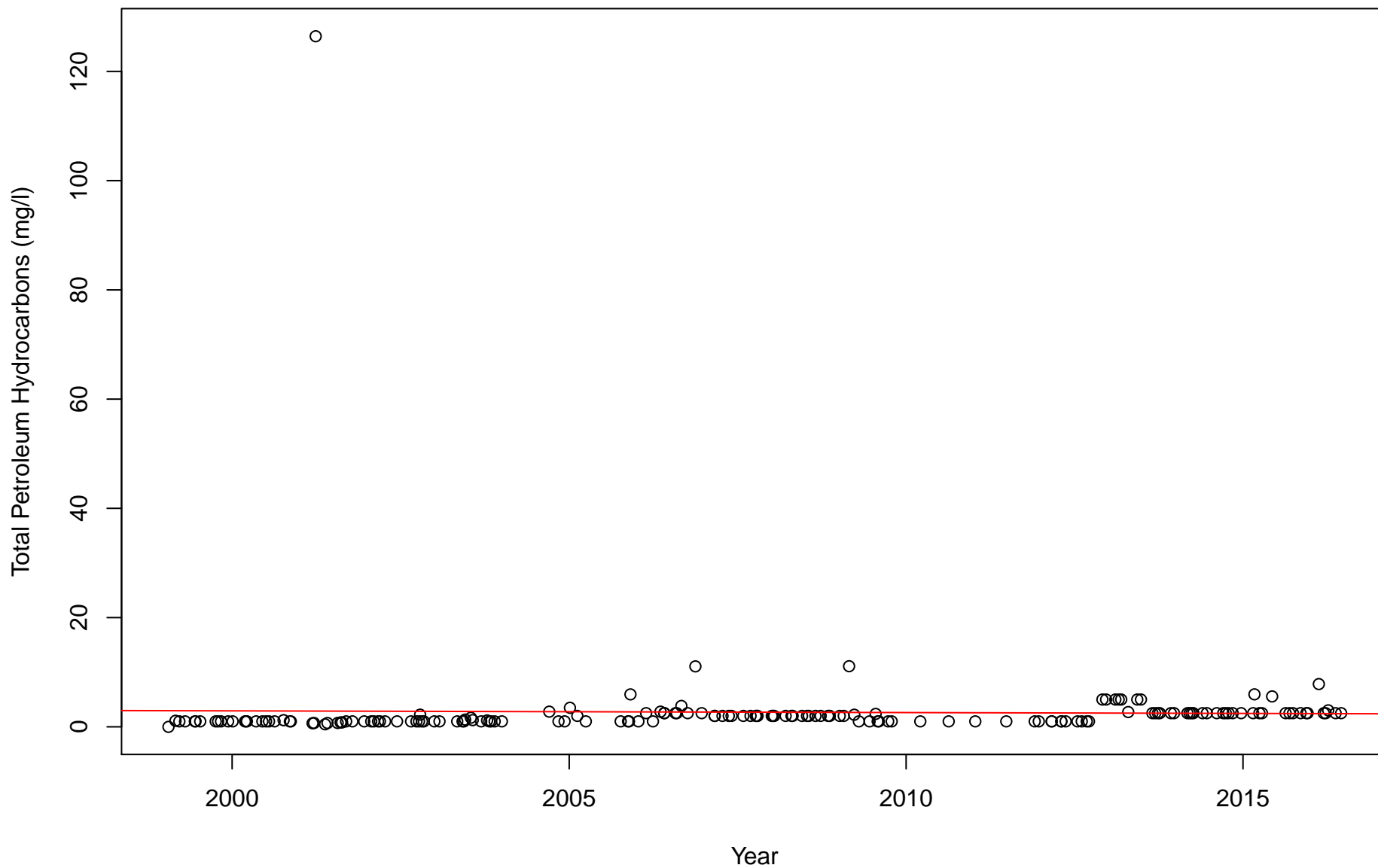
slope = -9.44061078981296 ; p-value = 0.00337100882156832

AA94MSI000008



slope = 0.111743207087988; p-value = 9.74586907977328e-07

AA94MSI000009



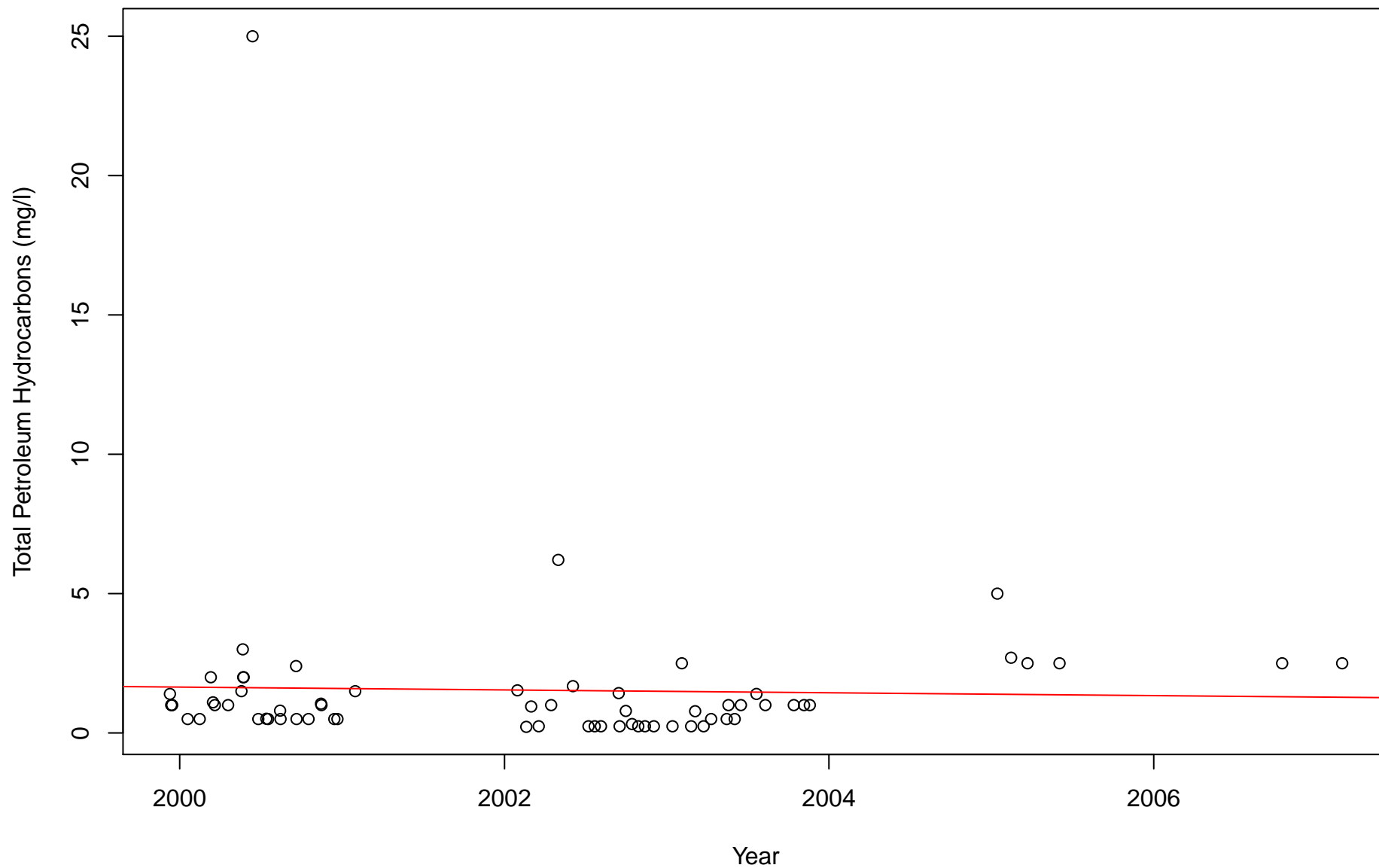
slope = -0.0312973693592728; p-value = 0.819425797128515

BC16MS000I81



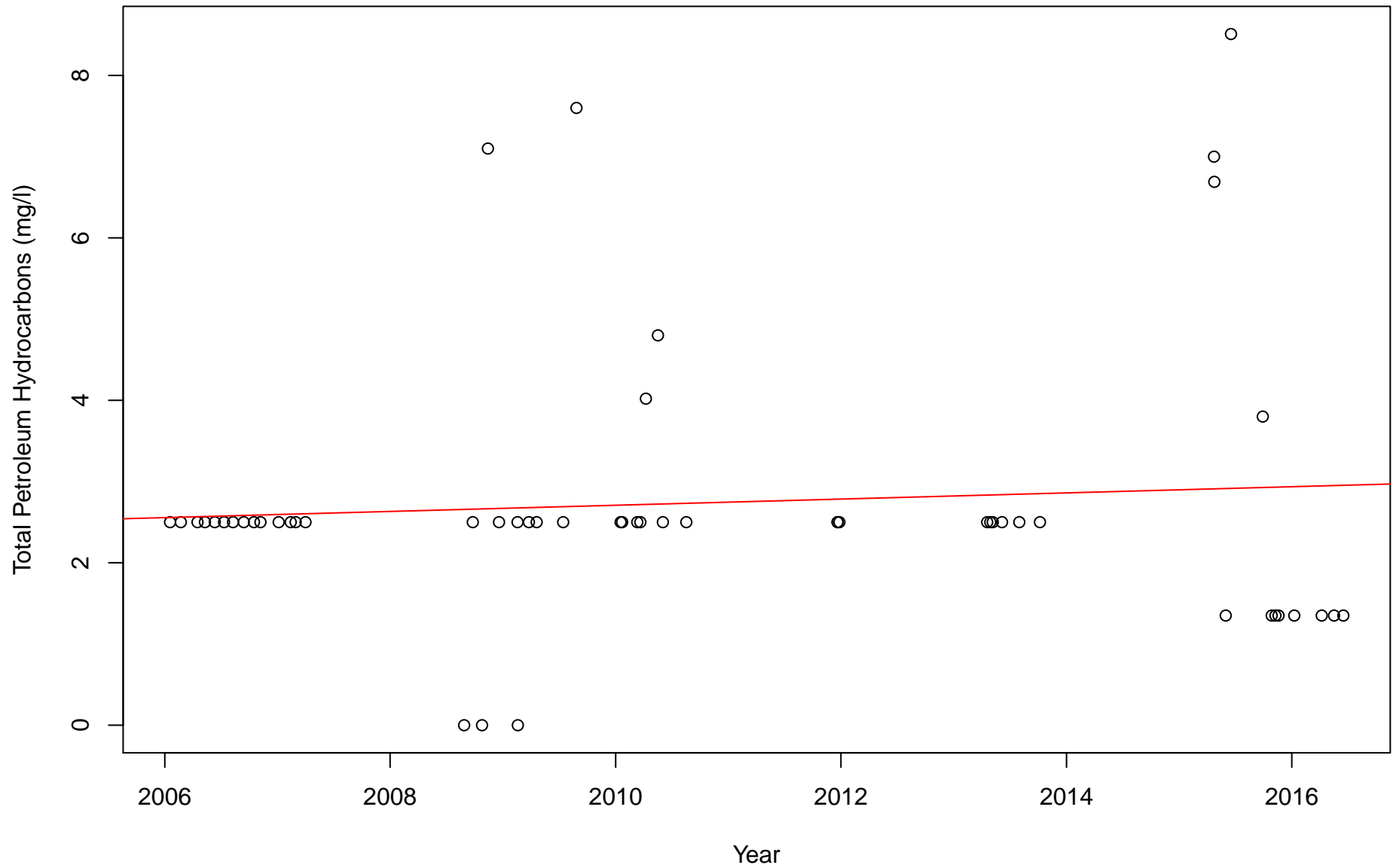
slope = -0.07097125046951; p-value = 0.636076398267003

BC16MS000I82



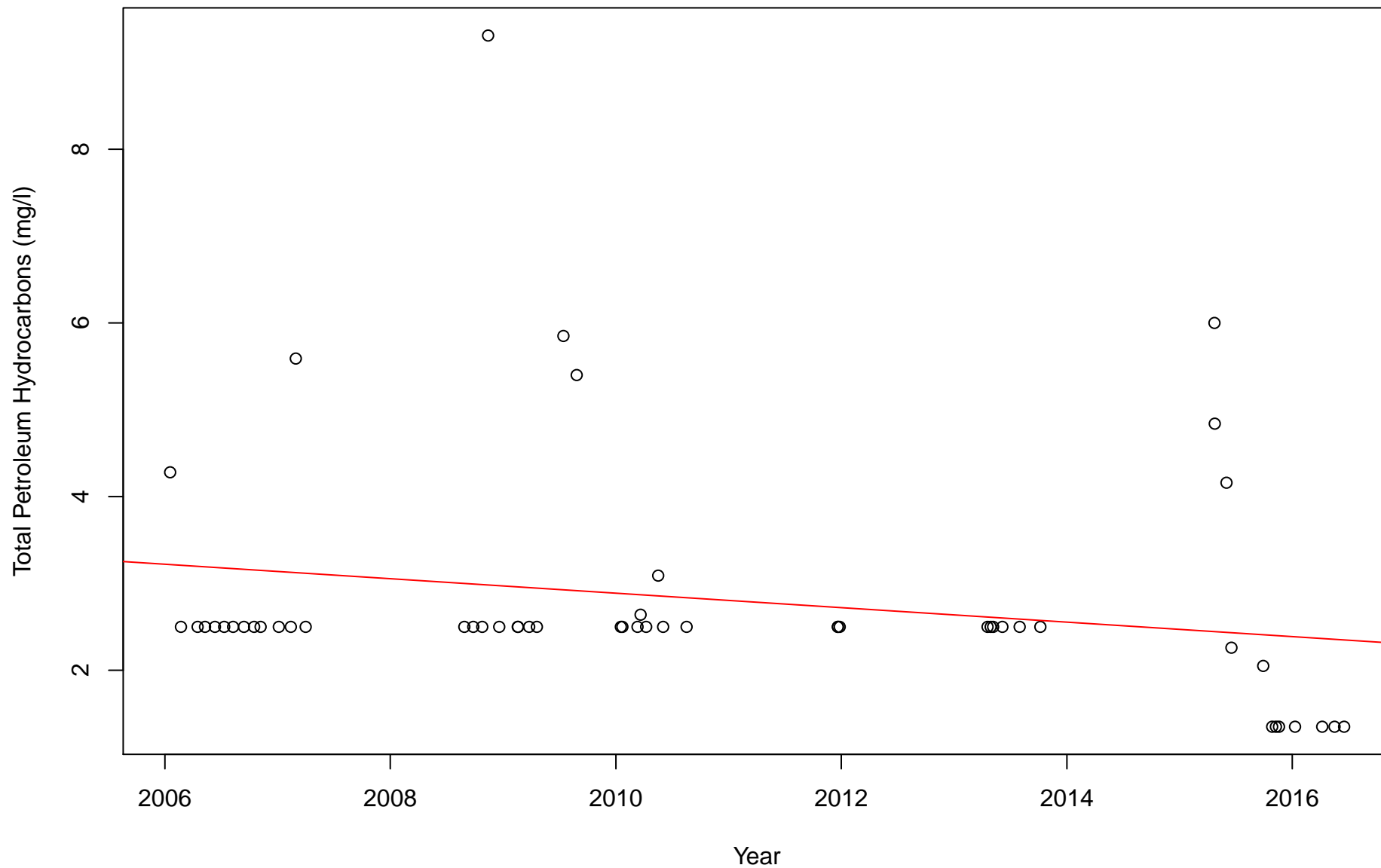
slope = -0.0509813498583753 ; p-value = 0.821149253867173

CC15MSI000001



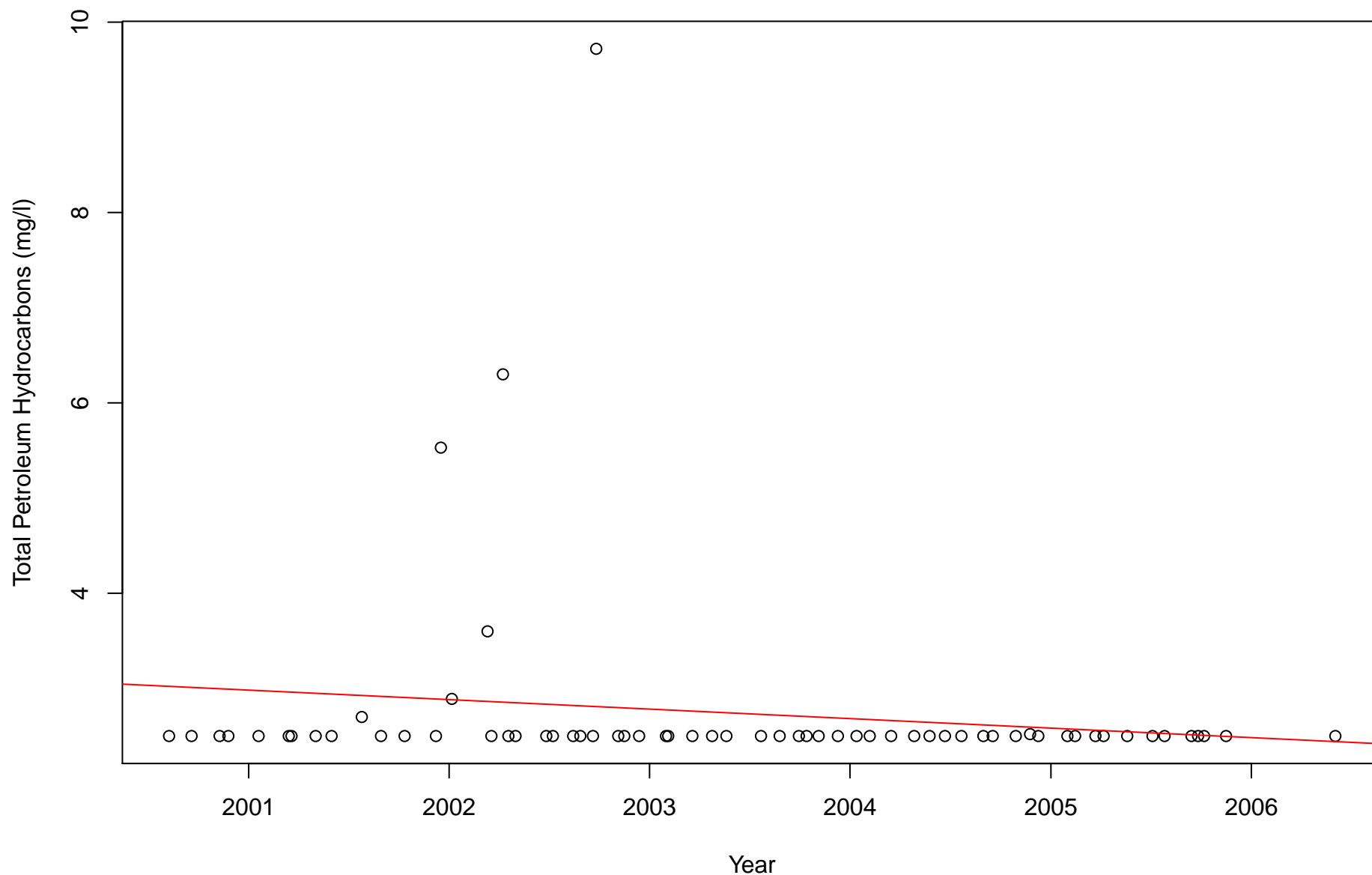
slope = 0.0380220058252692; p-value = 0.583899750588807

CC15MSI000002



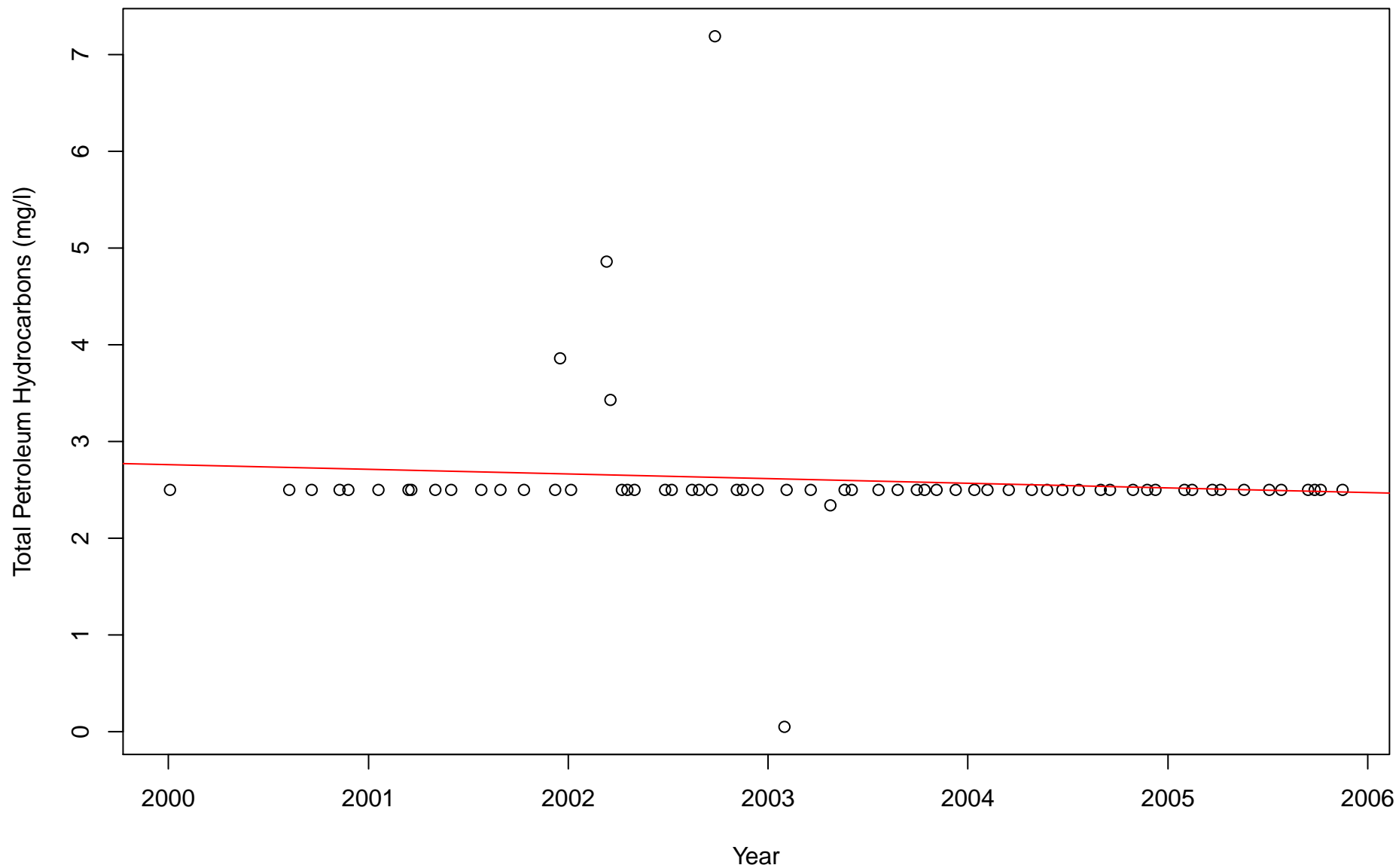
slope = -0.0832859803201483; p-value = 0.136187205030818

CH99MSI000096



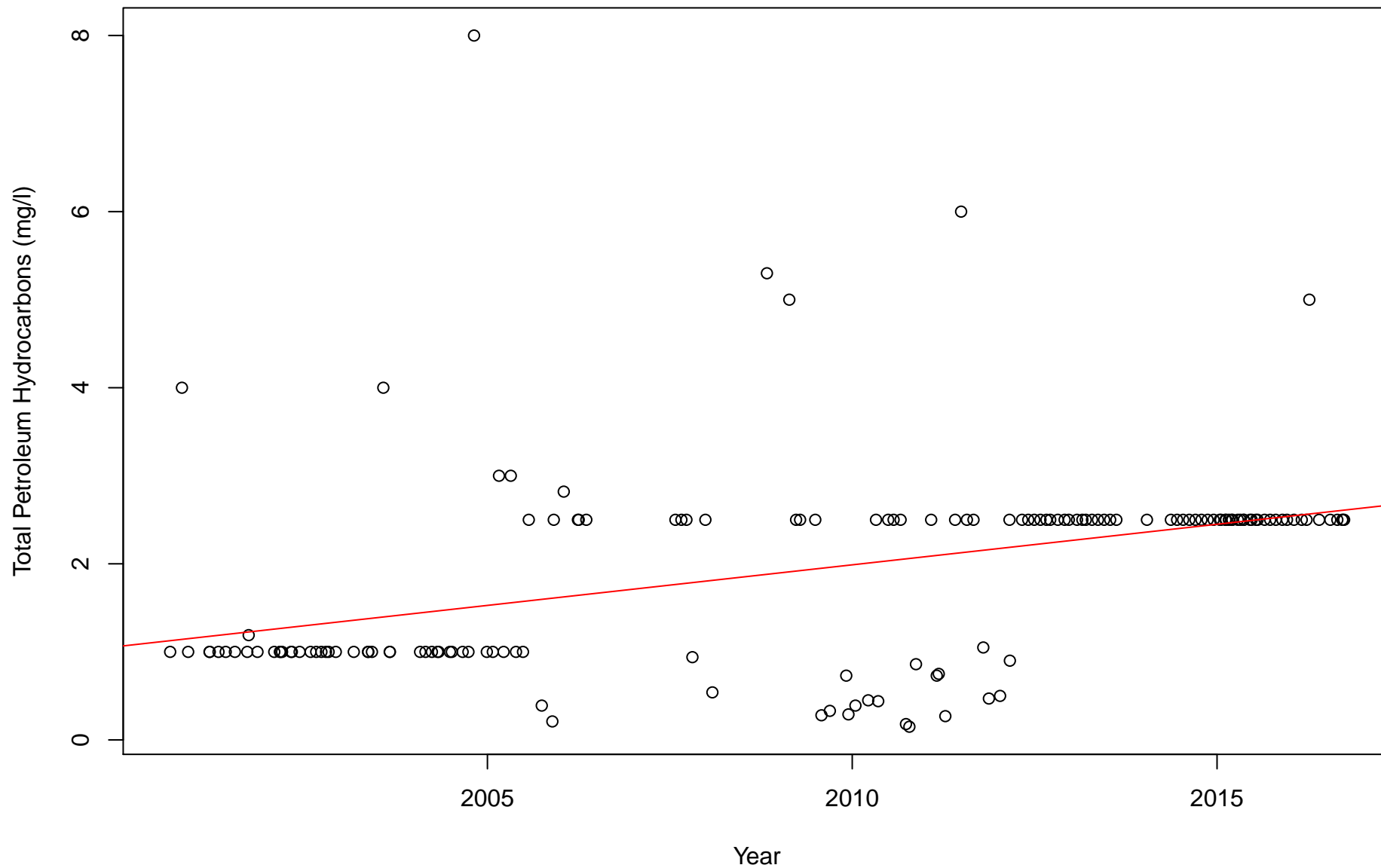
slope = -0.0997433291490643 ; p-value = 0.258223791438259

CH99MSI000162



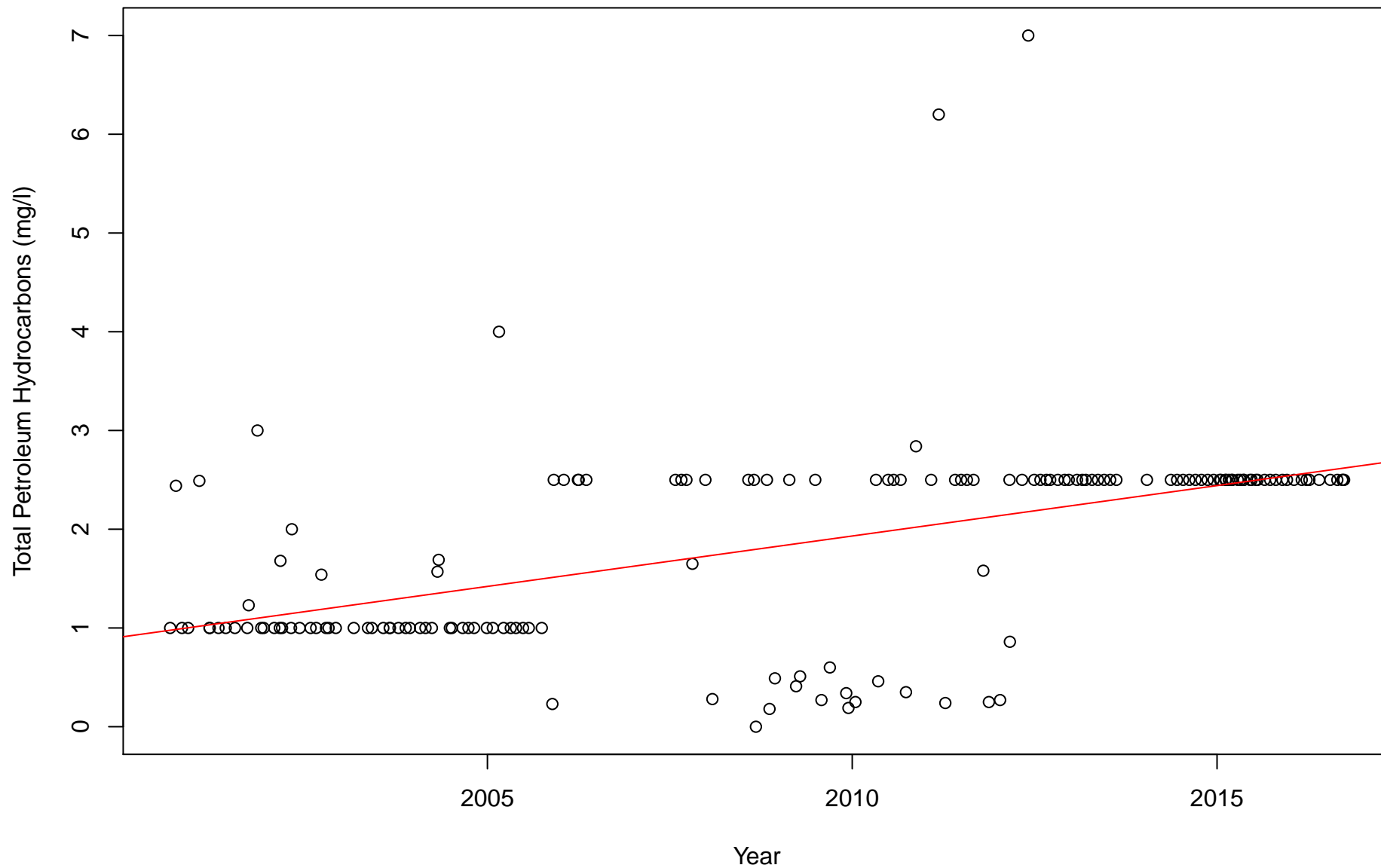
slope = -0.0480683155519613; p-value = 0.430038276894055

CR15MSI000003



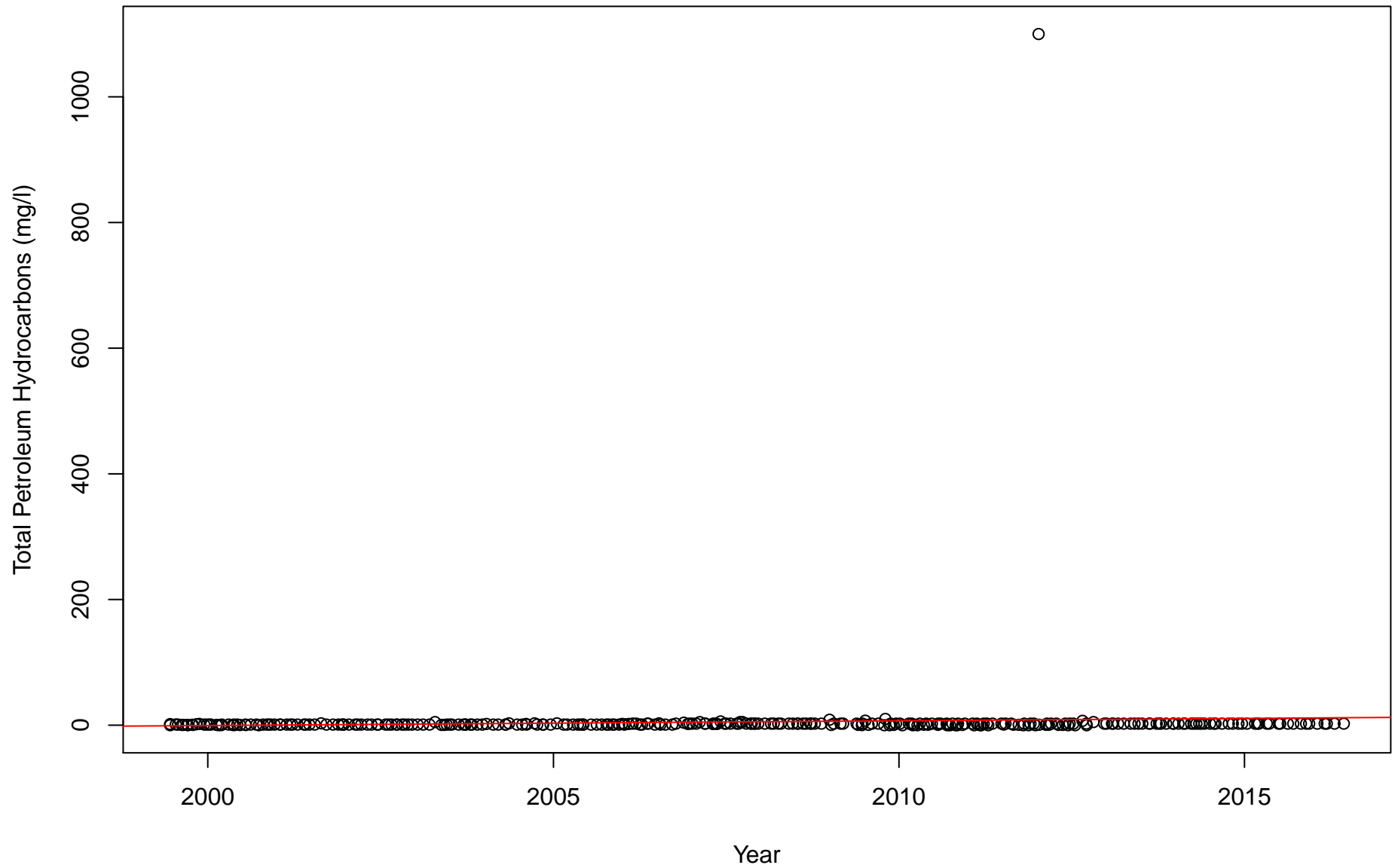
slope = 0.0921039403564056; p-value = 3.07403320382037e-07

CR15MSI000004

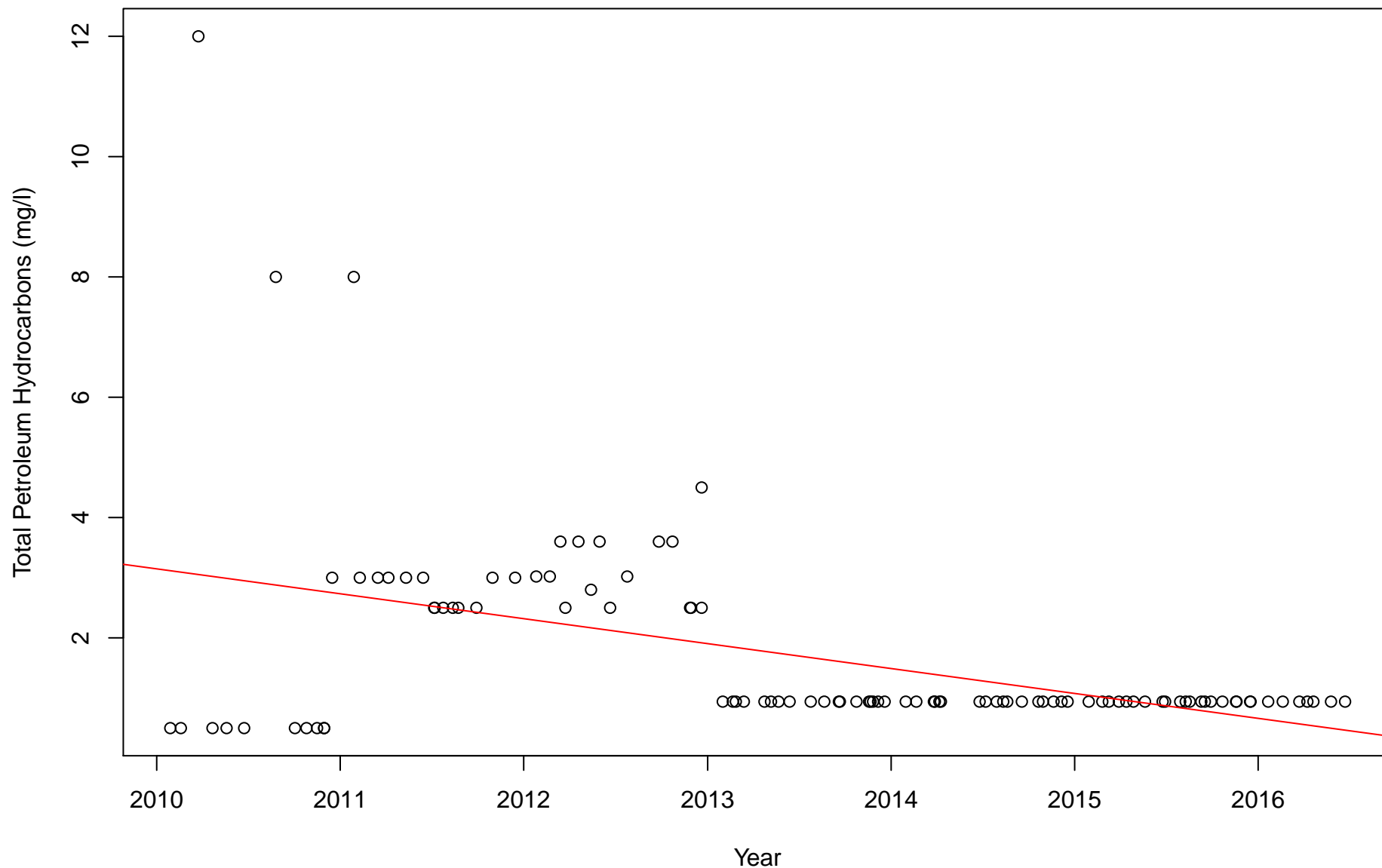


slope = 0.102048225953248; p-value = 4.07158724398701e-12

FR99MSI000058

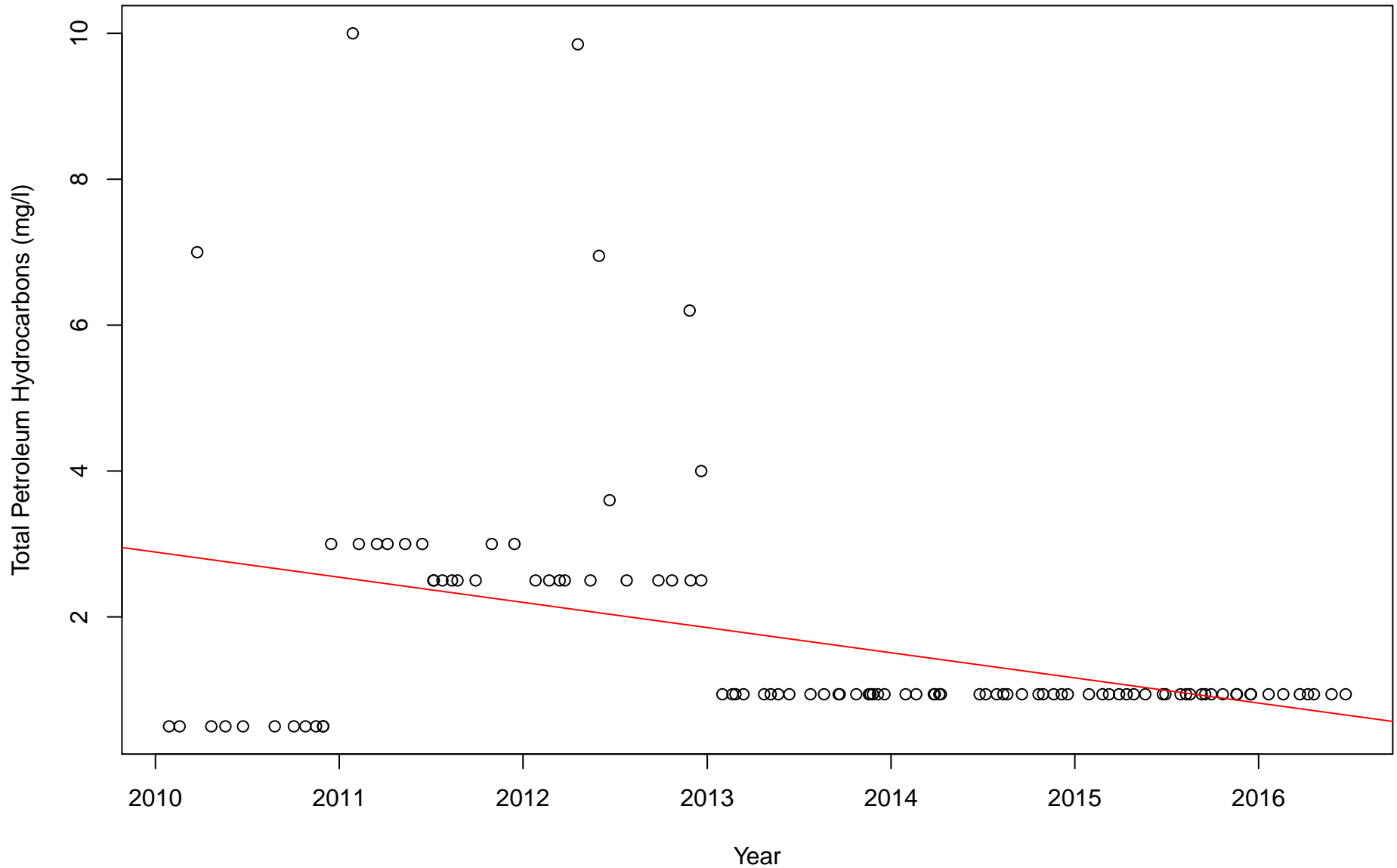


HA10MSI0WC002



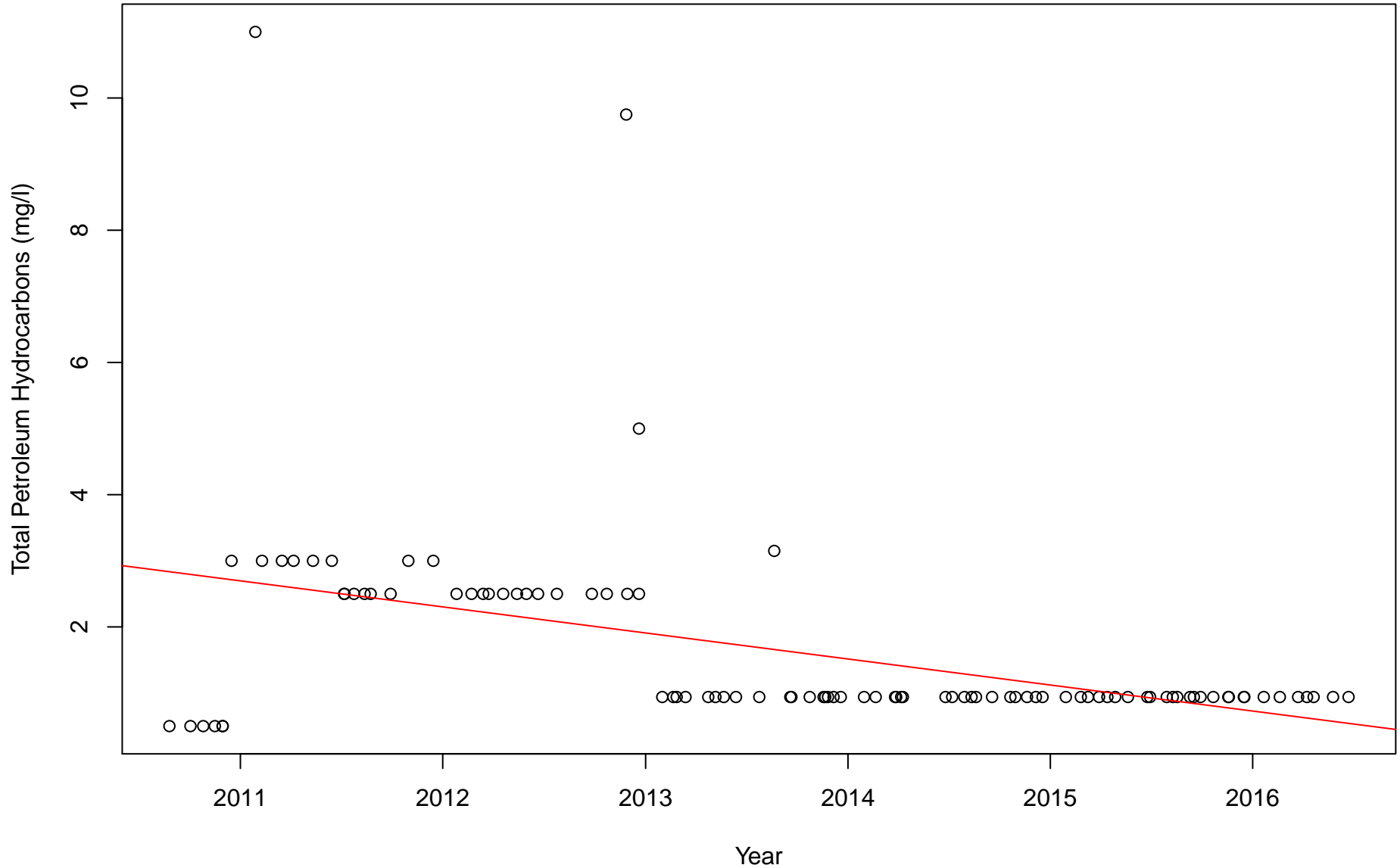
slope = -0.413950899284264; p-value = 1.32208894841162e-06

HA10MSI0WC003



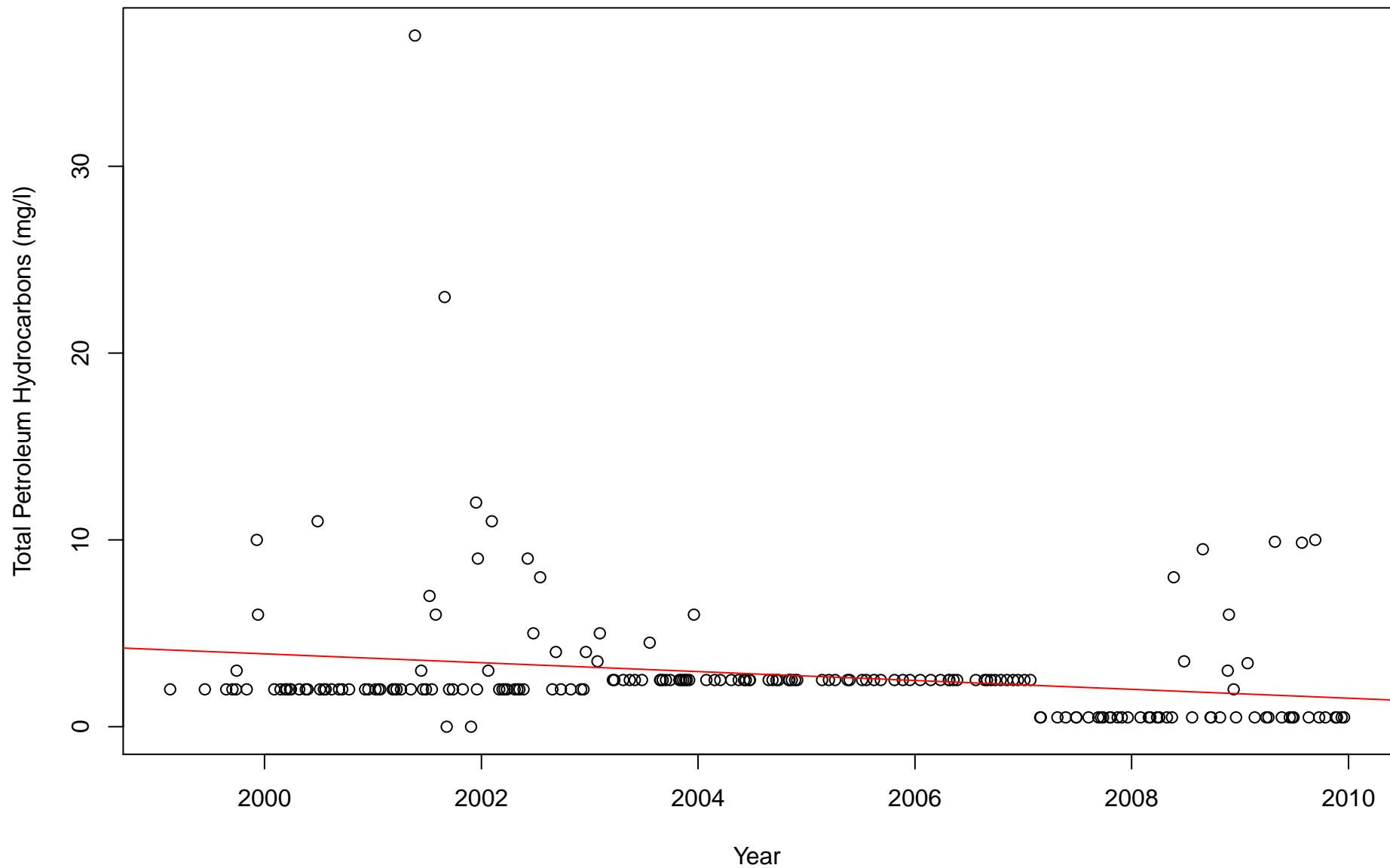
slope = -0.344807484099927; p-value = 9.44888553175994e-05

HA10MSI0WC004



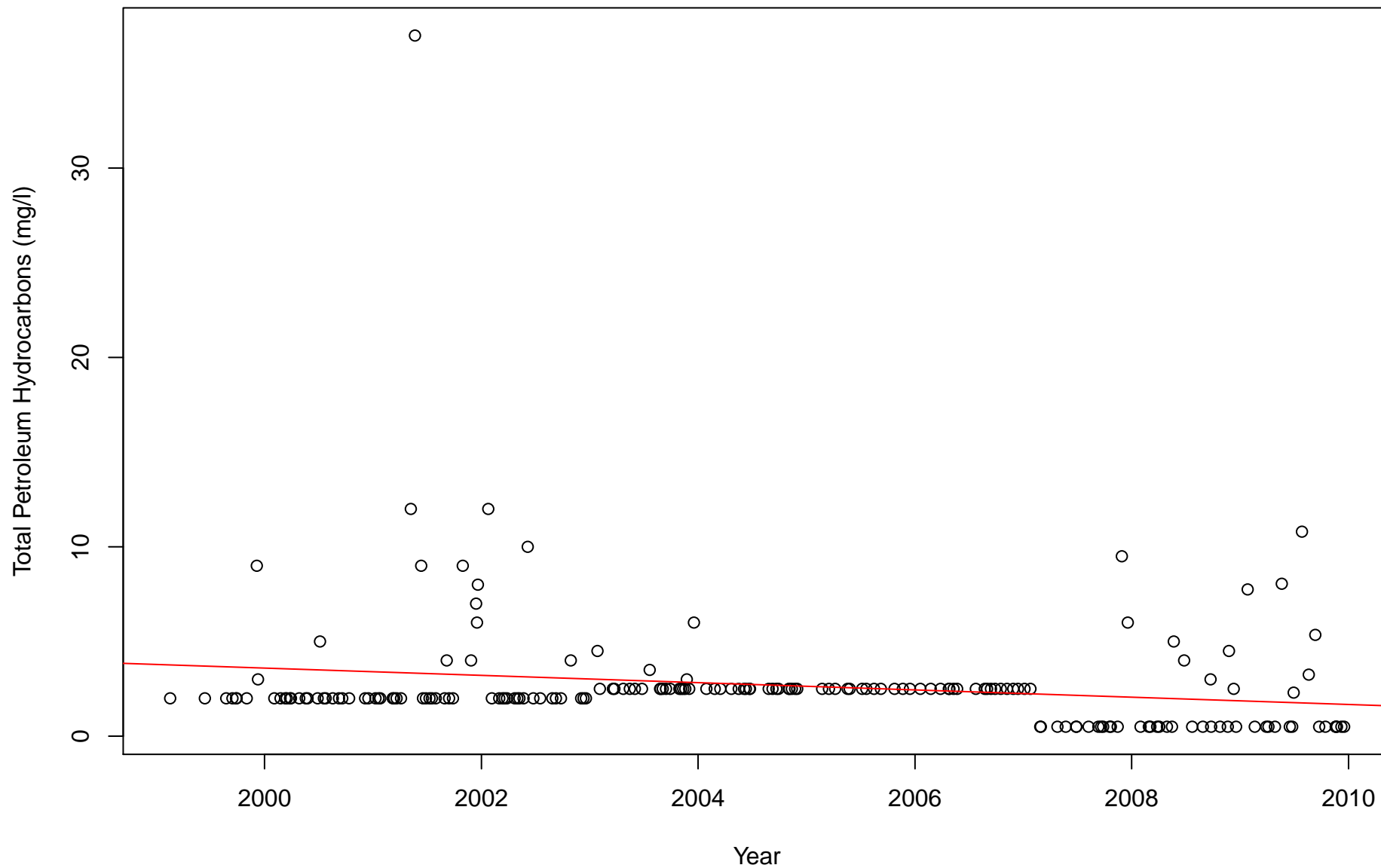
slope = -0.393658772505113; p-value = 9.21747260810151e-06

HA99MSI000001



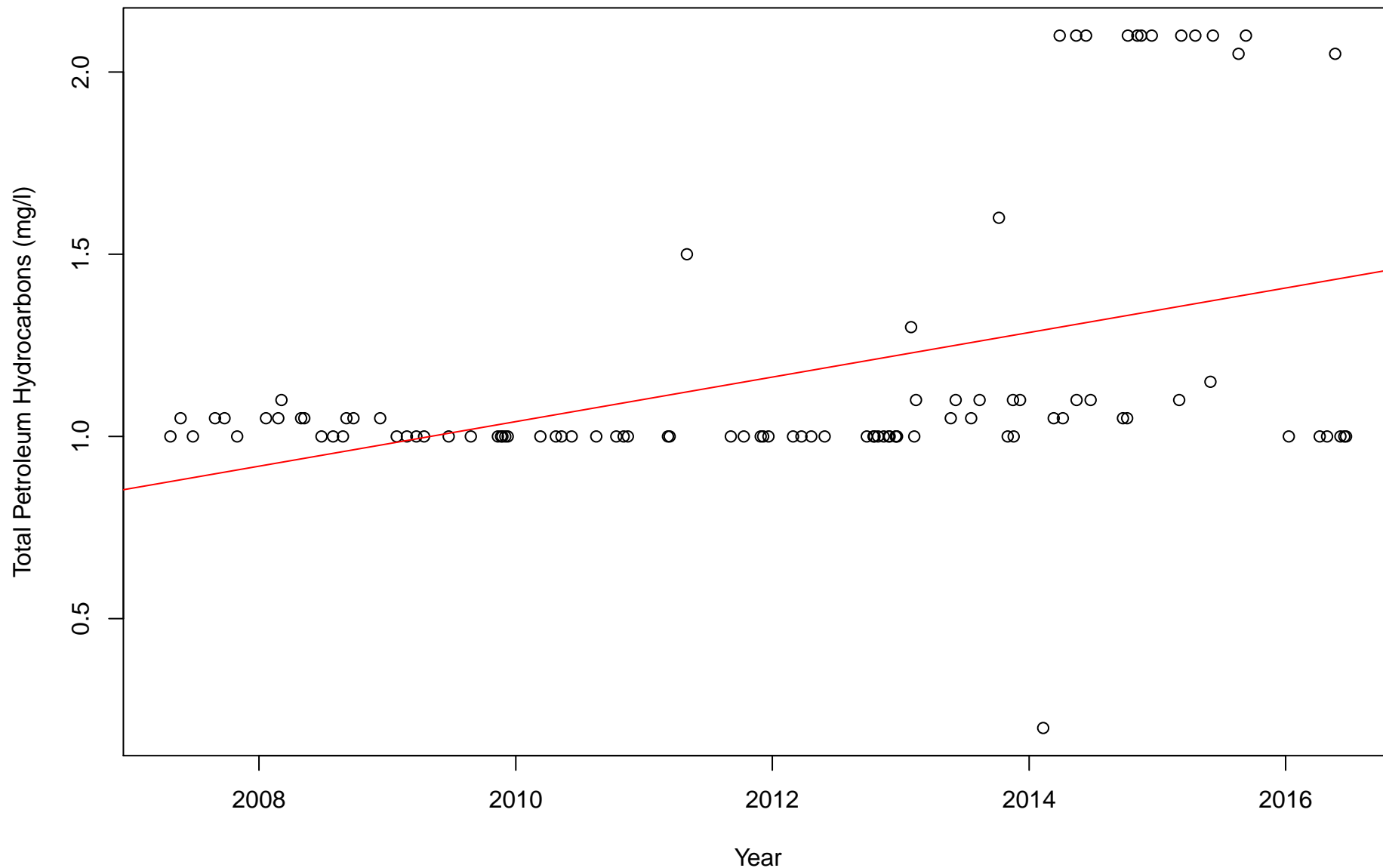
slope = -0.237191019992543 ; p-value = 0.00449226980993173

HA99MSI000002



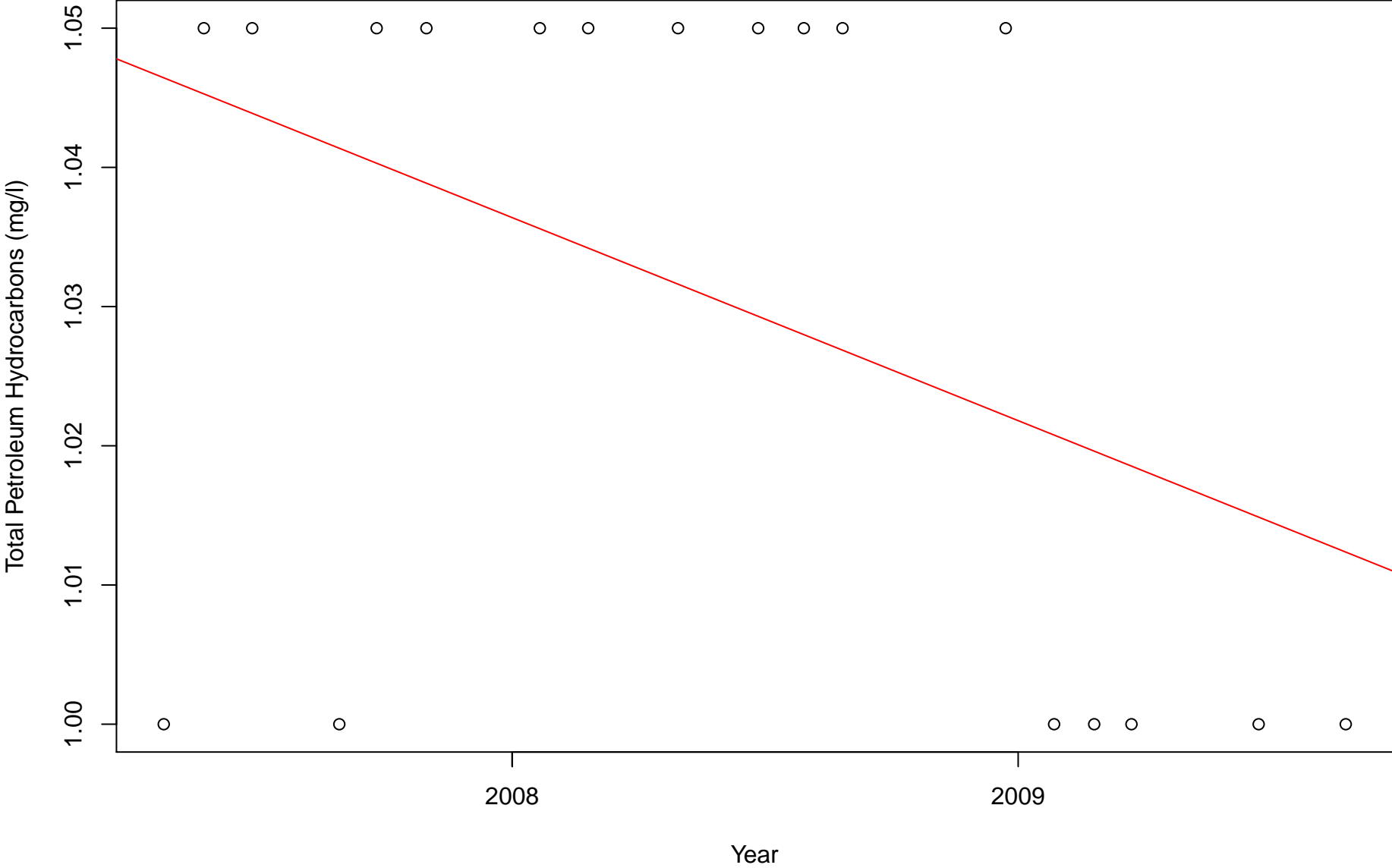
slope = -0.191968061212774; p-value = 0.0101906507557444

HO07MSI000035



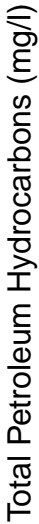
slope = 0.0610891612915974; p-value = 1.3754720085273e-05

HO07MSI0000CL



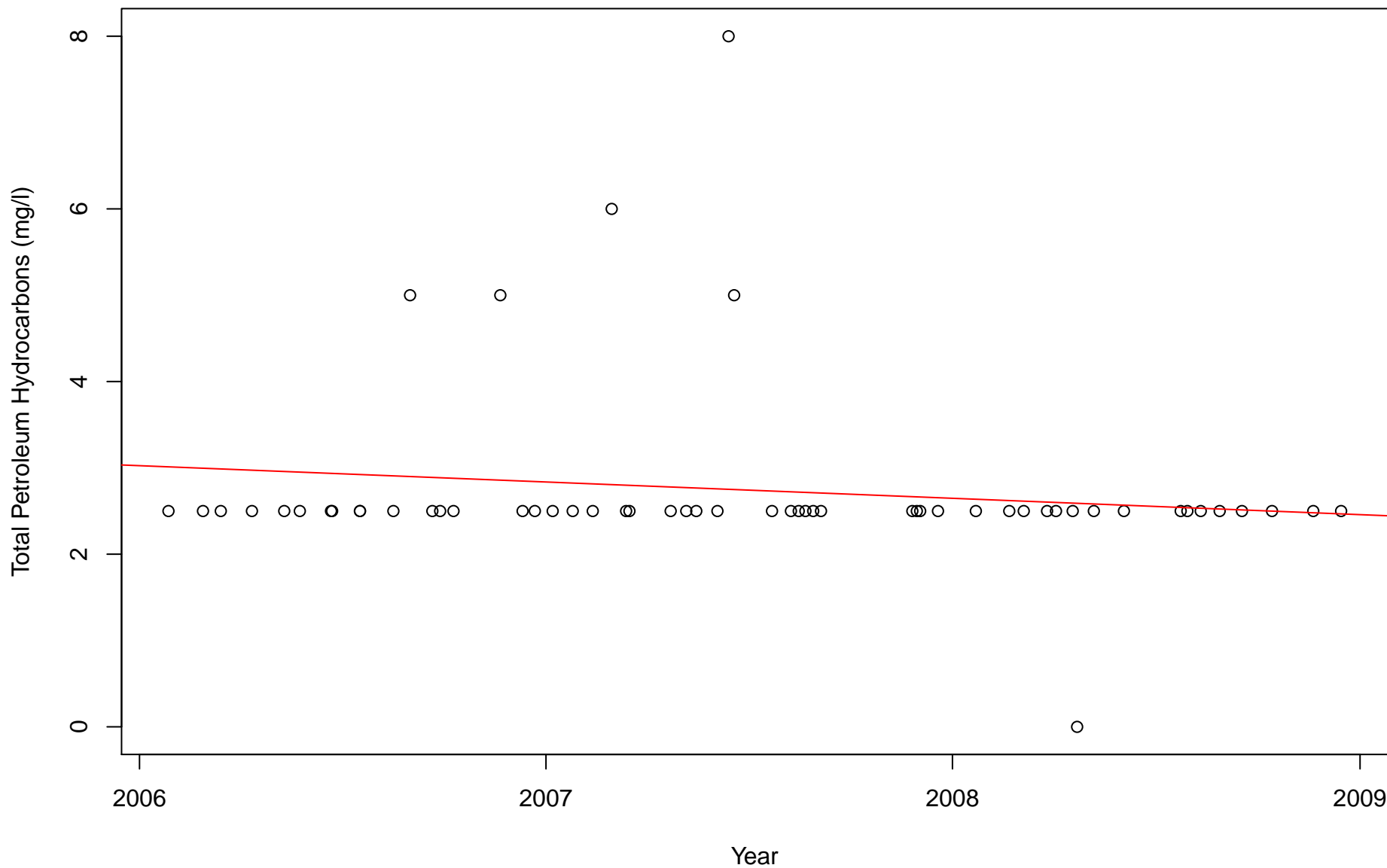
slope = -0.0145451905860861; p-value = 0.0733734838961931

HO09MSI000036



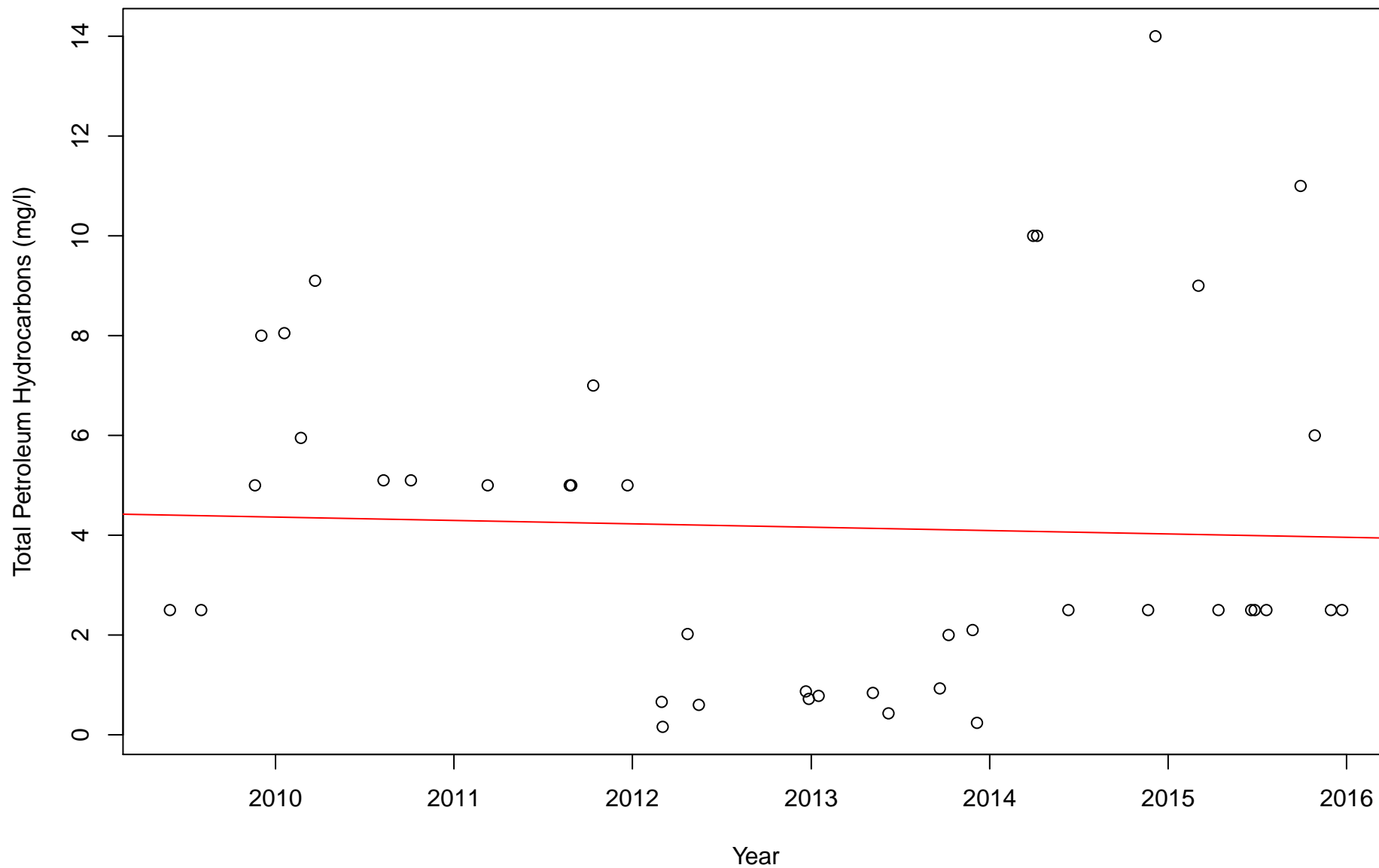
slope = 0.0275739463170413; p-value = 0.0419611146816002

MO02MSI000310



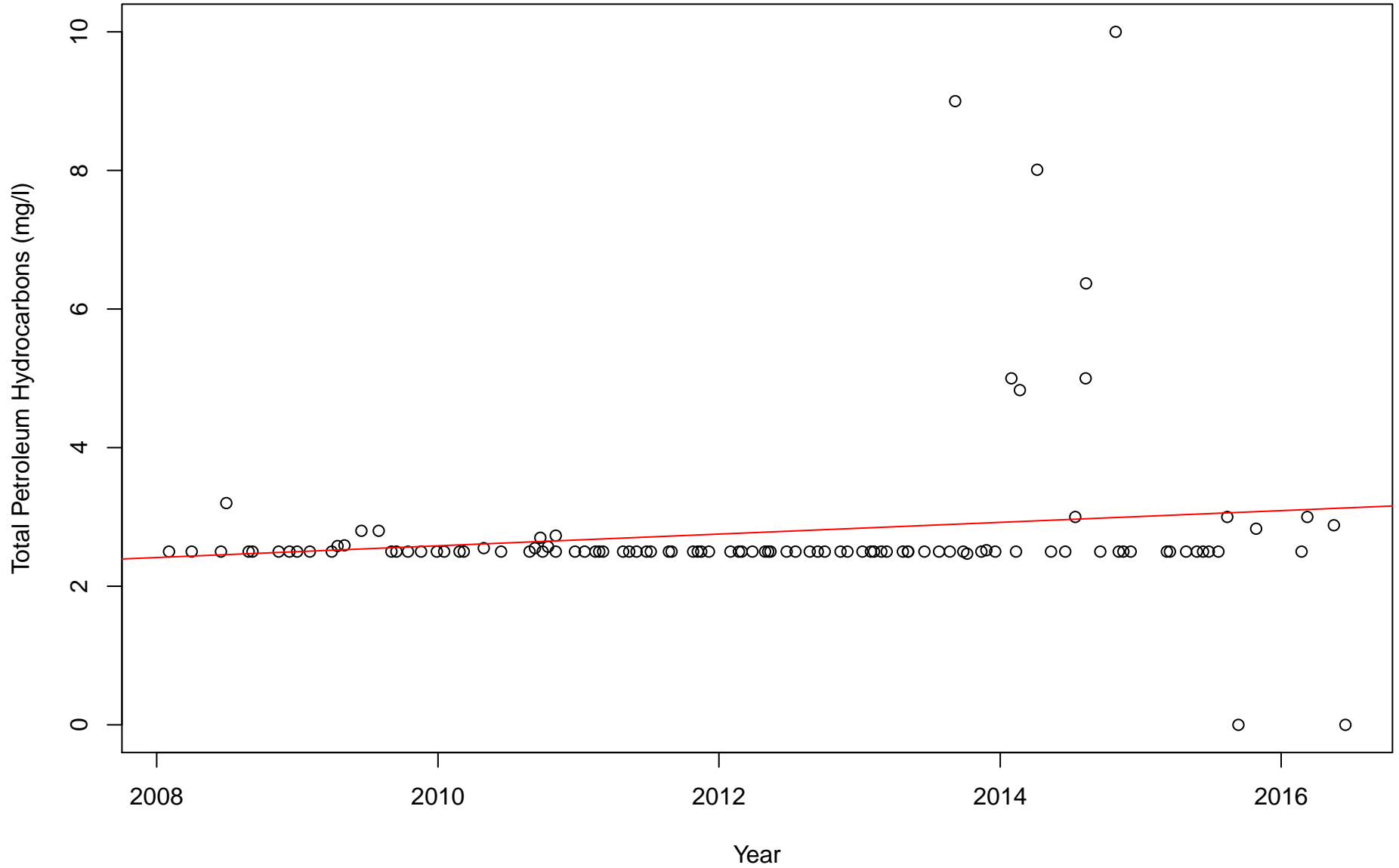
slope = -0.188919139599704 ; p-value = 0.289462032342366

MO09MSI000001



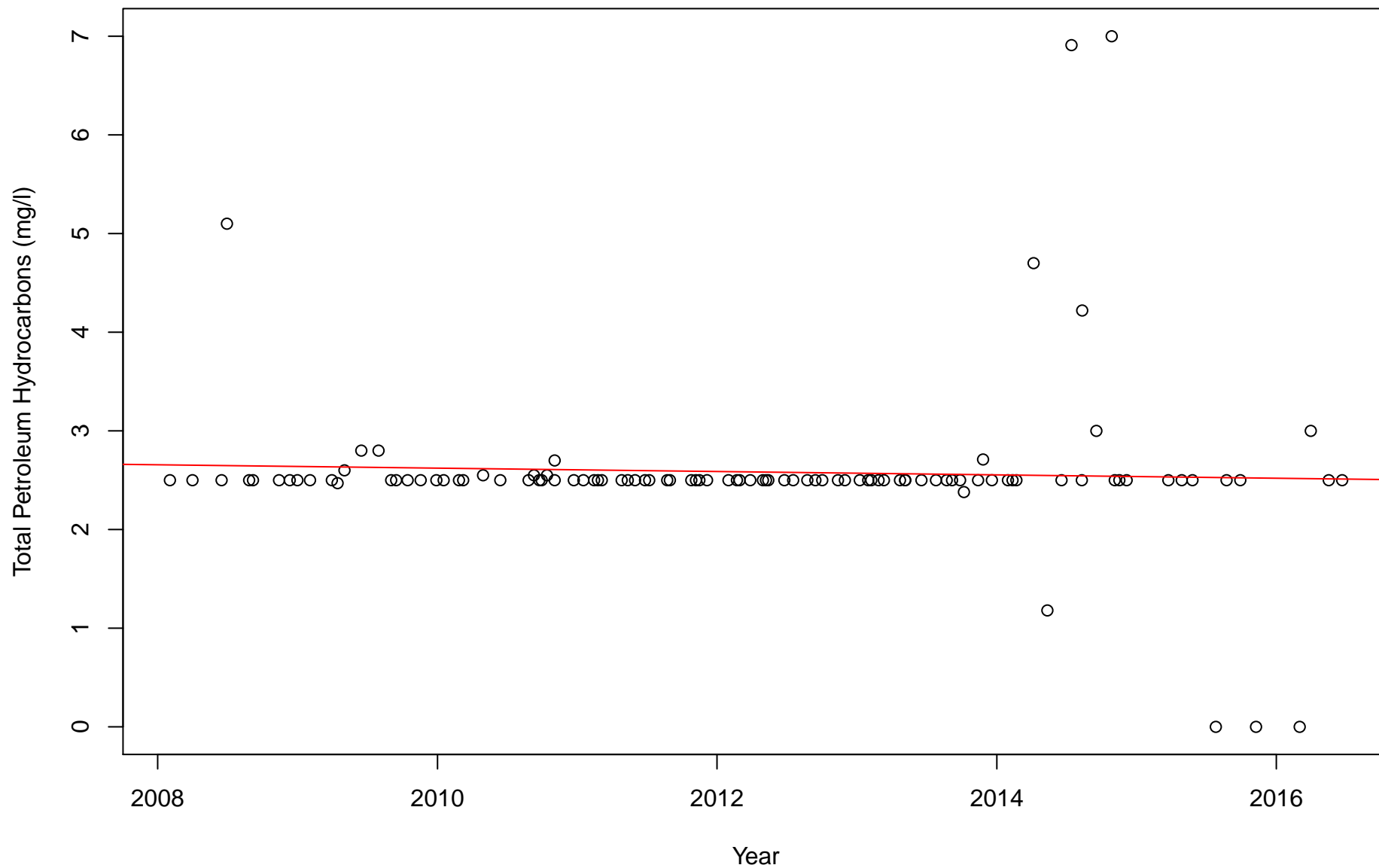
slope = -0.0675273474870571 ; p-value = 0.803335545291662

PG15MSI000012



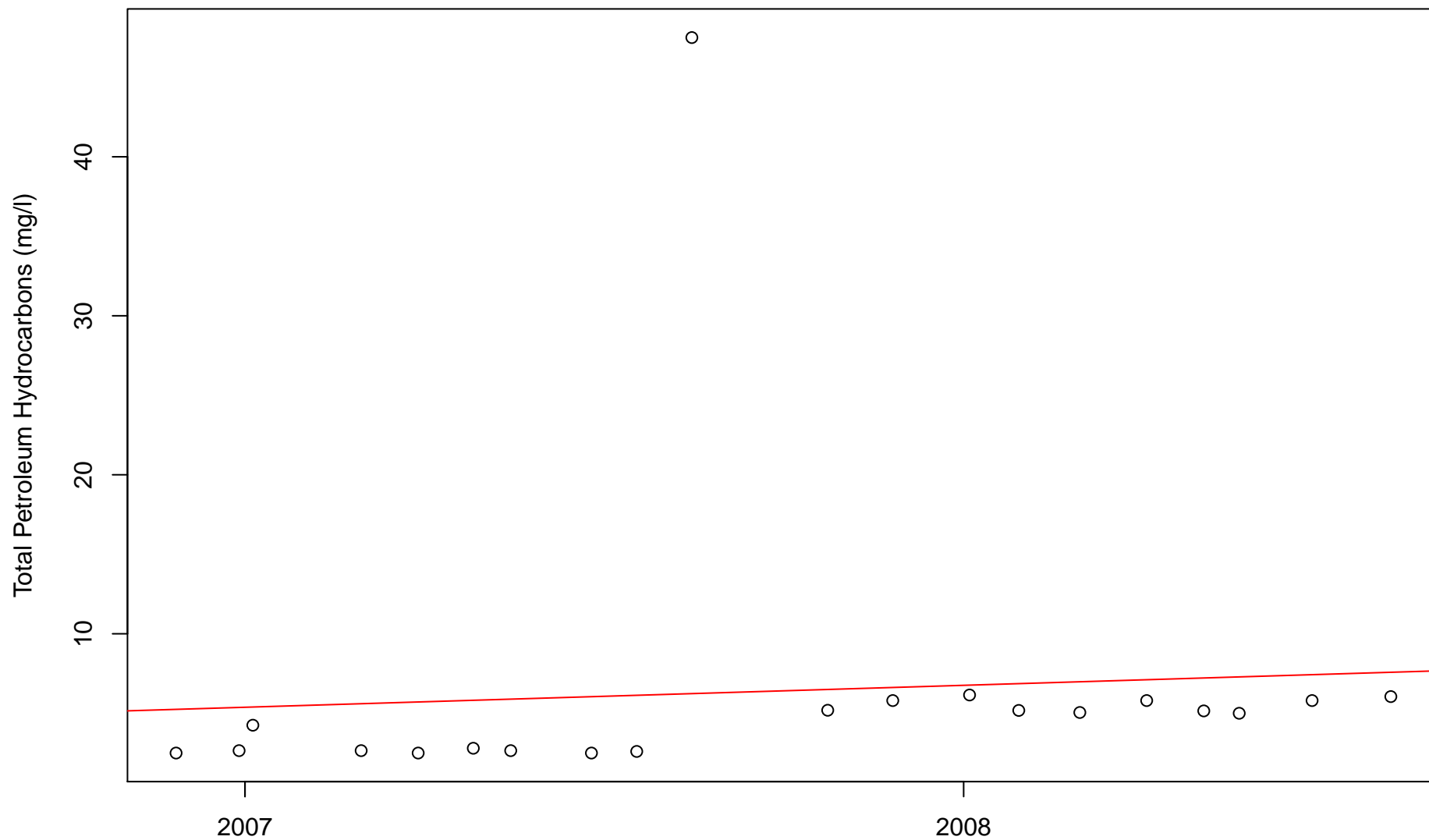
slope = 0.0845452113778855; p-value = 0.125320348485353

PG15MSI000013



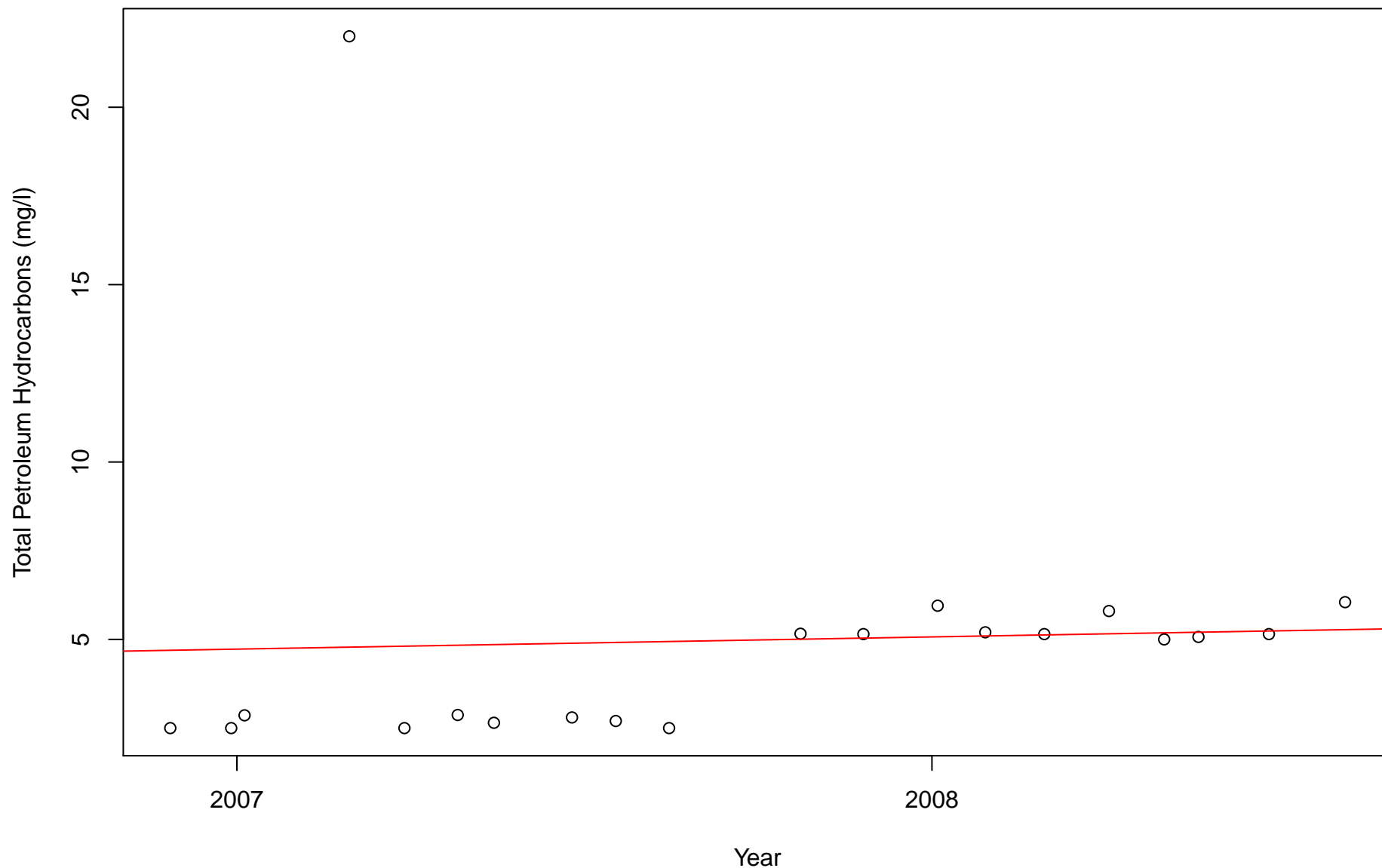
slope = -0.0170461322940009; p-value = 0.658674820486185

SHA06MSI00LD01



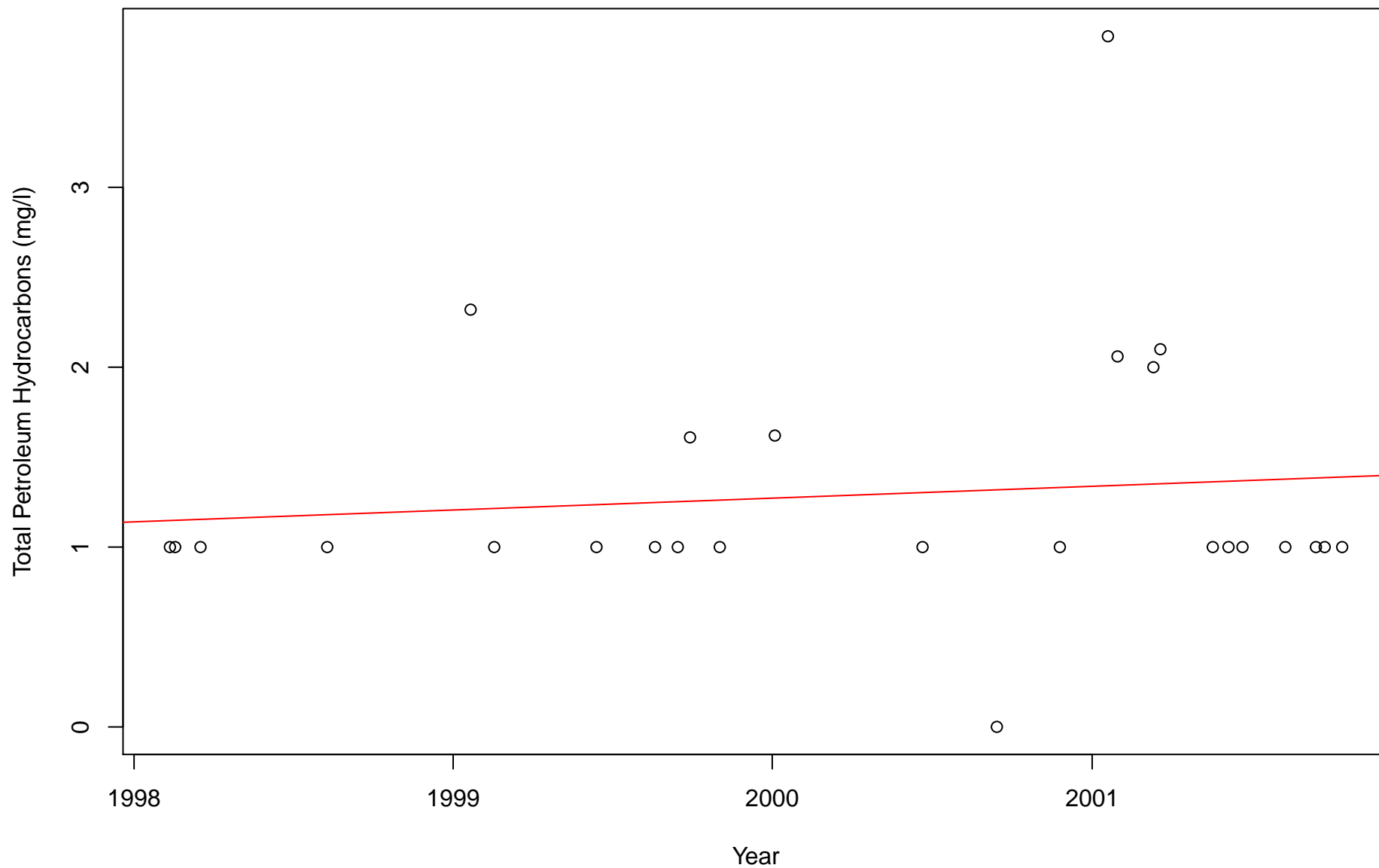
Year
slope = 1.38042232083152; p-value = 0.75003074671773

SHA06MSI00LD02

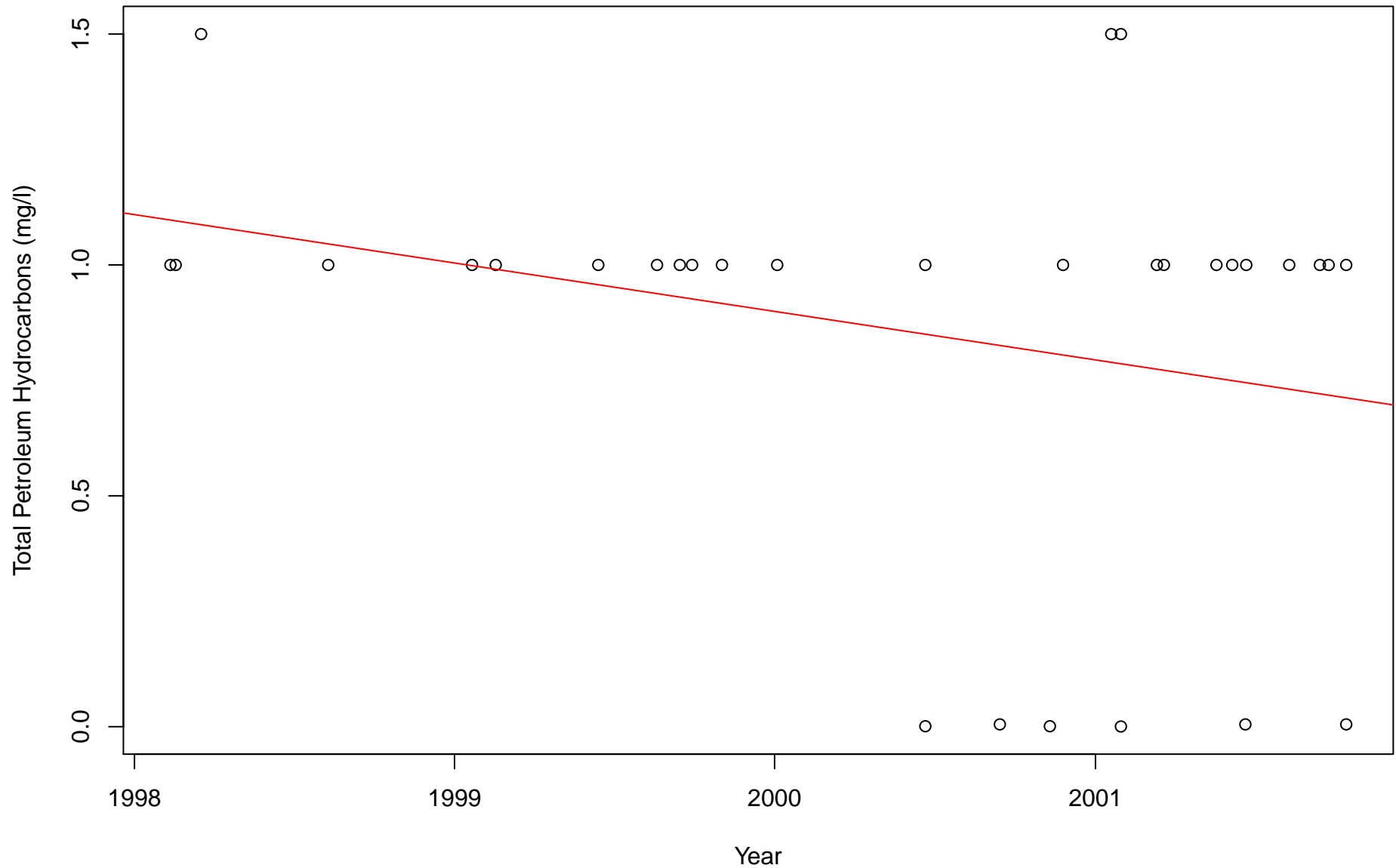


slope = 0.344397043893524; p-value = 0.854611088832782

SHA98MSI00PS01

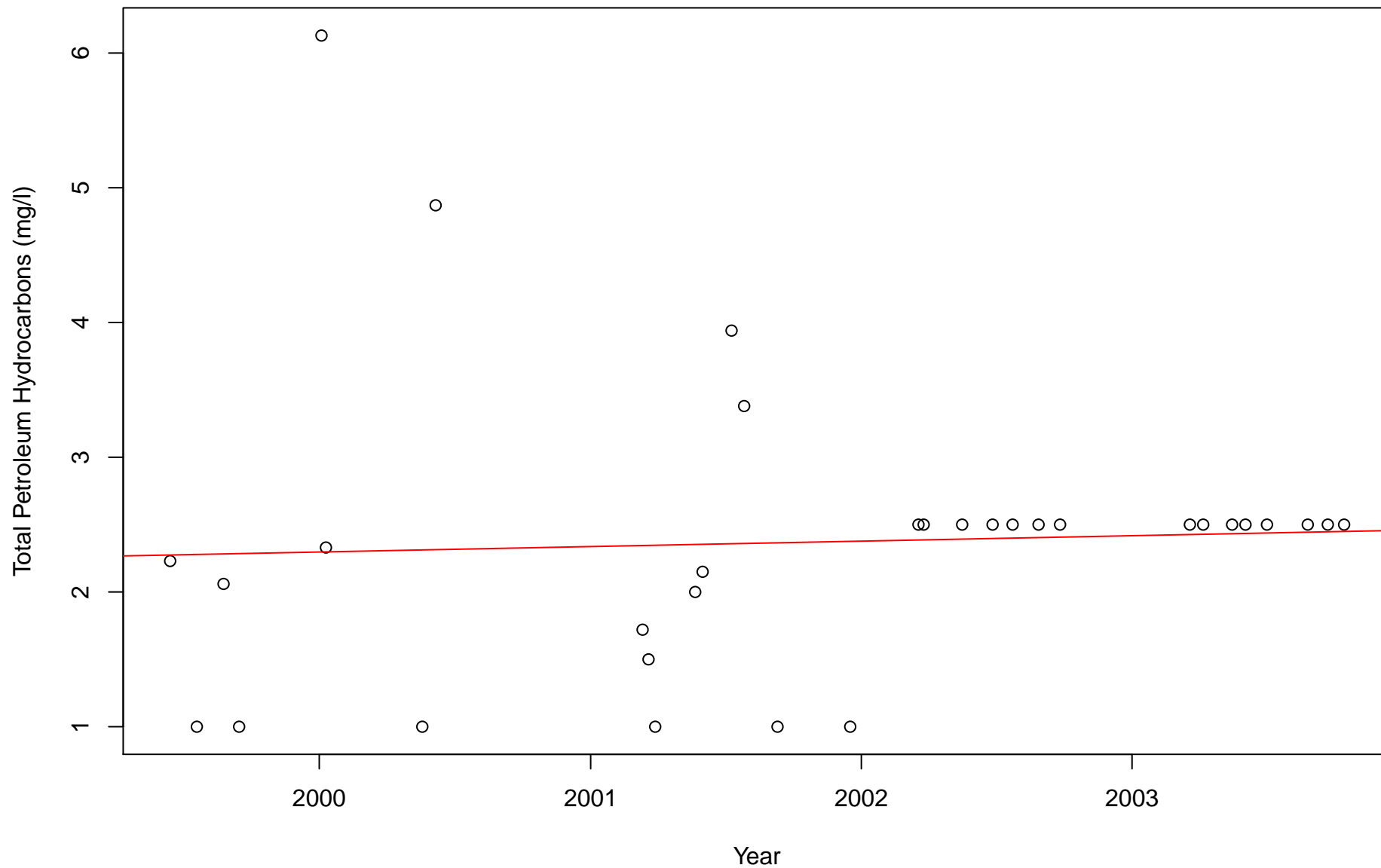


slope = 0.0658181664261674; p-value = 0.5851983293026

SHA98MSI00PS02

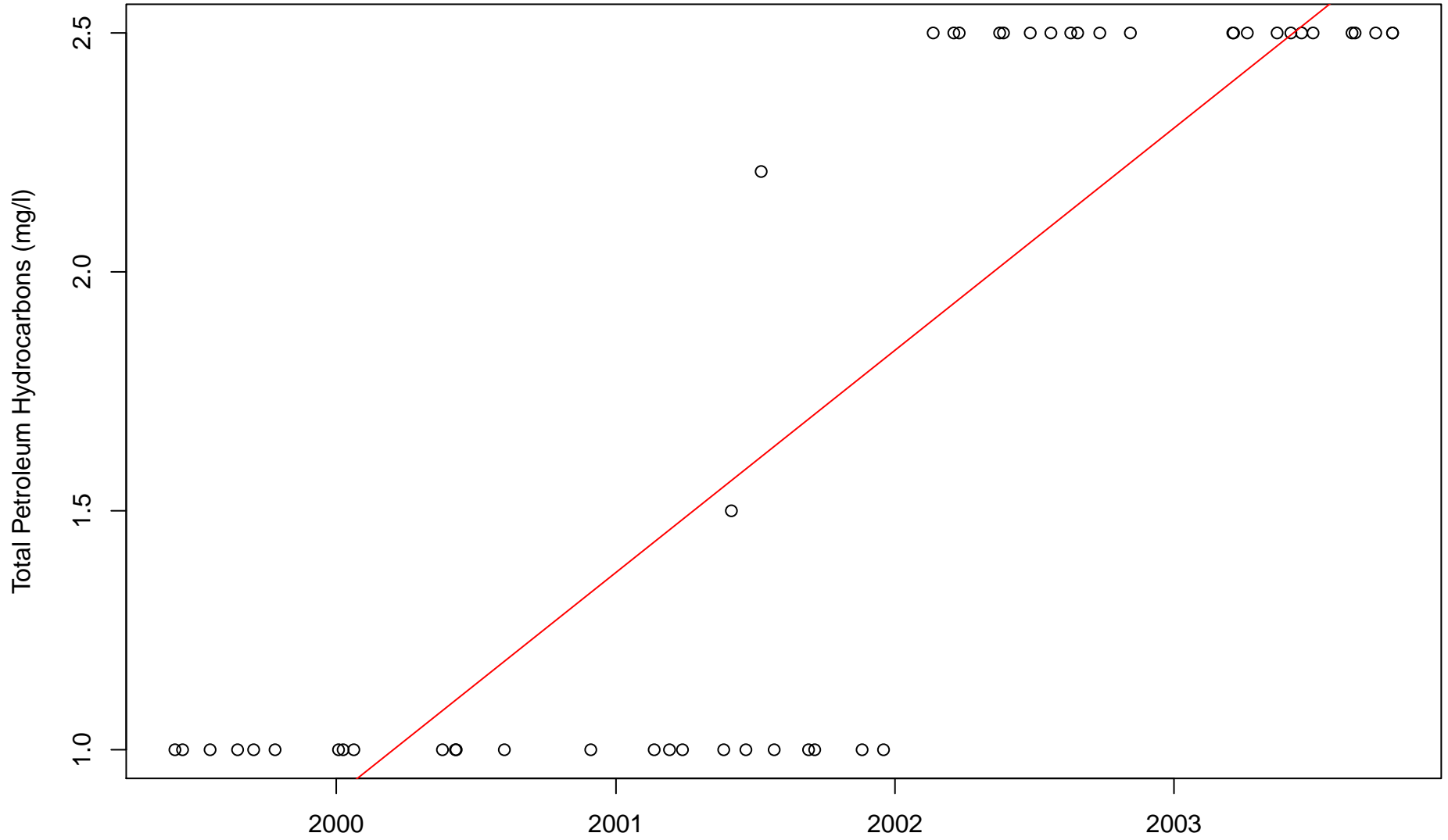
slope = -0.104795166170602; p-value = 0.138010137069996

SHA99MSI00DV01



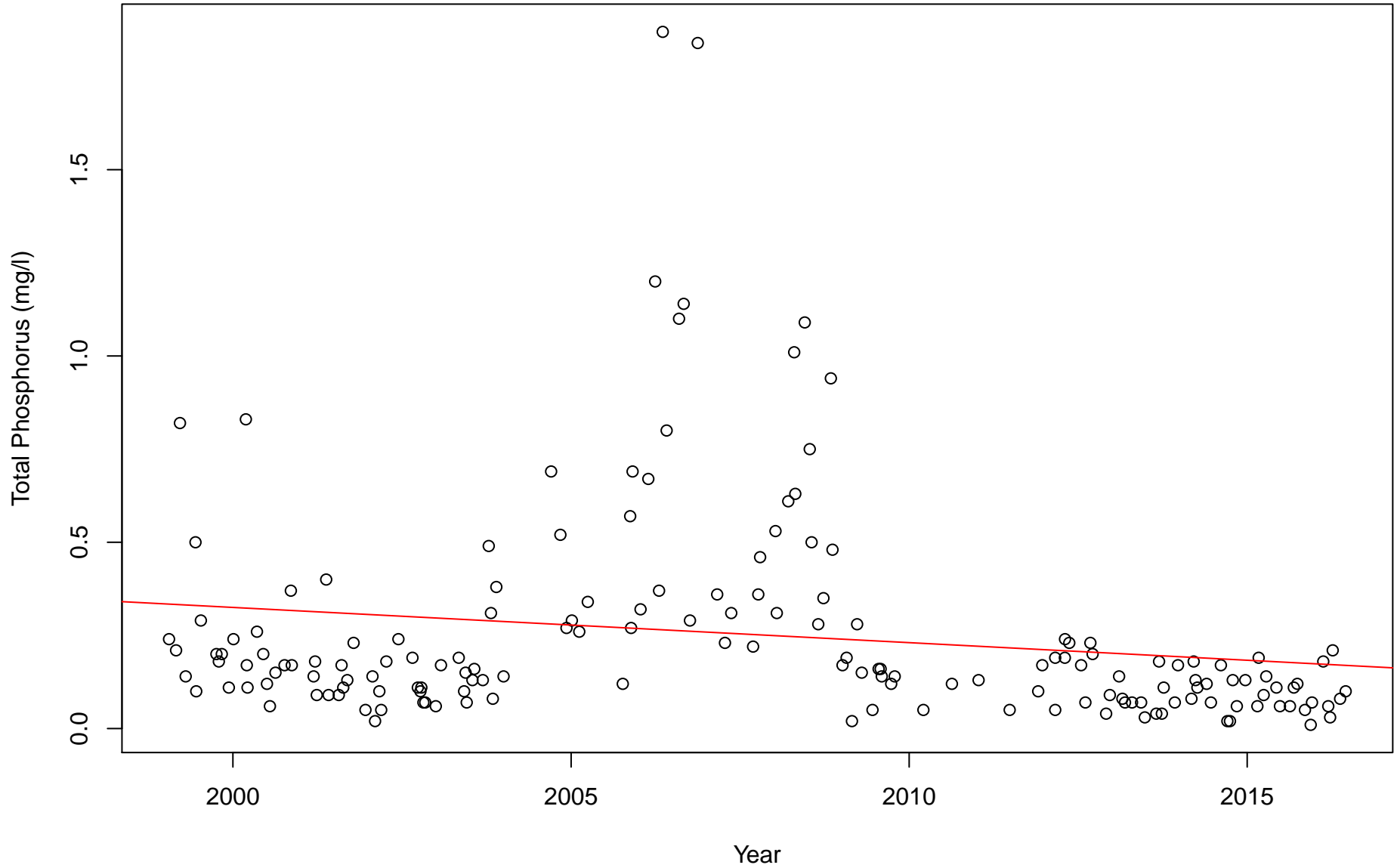
slope = 0.0402817119749044; p-value = 0.783662619094146

SHA99MSI00DV02



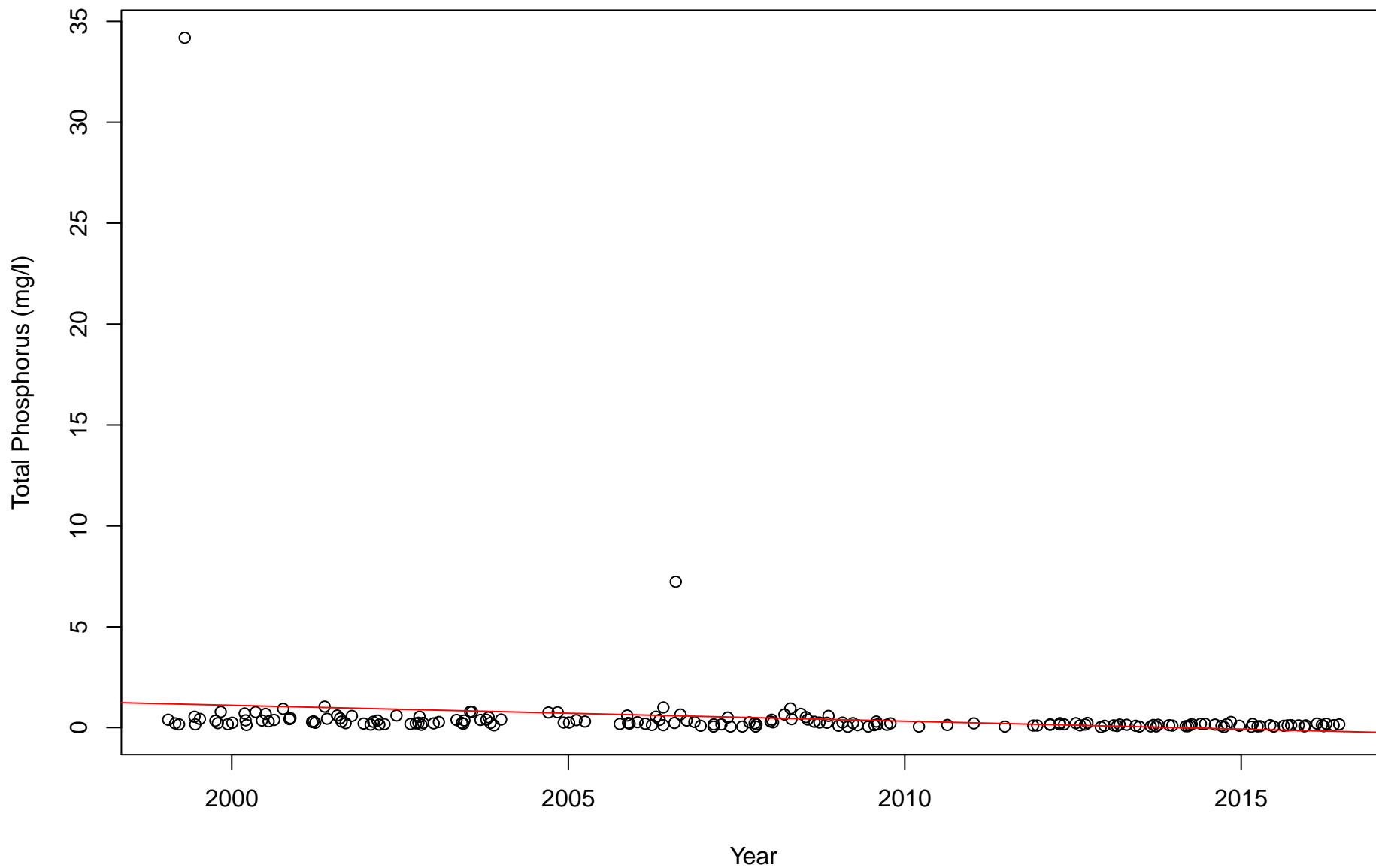
Year
slope = 0.464942351095422; p-value = 1.01239001224772e-14

AA94MSI000008



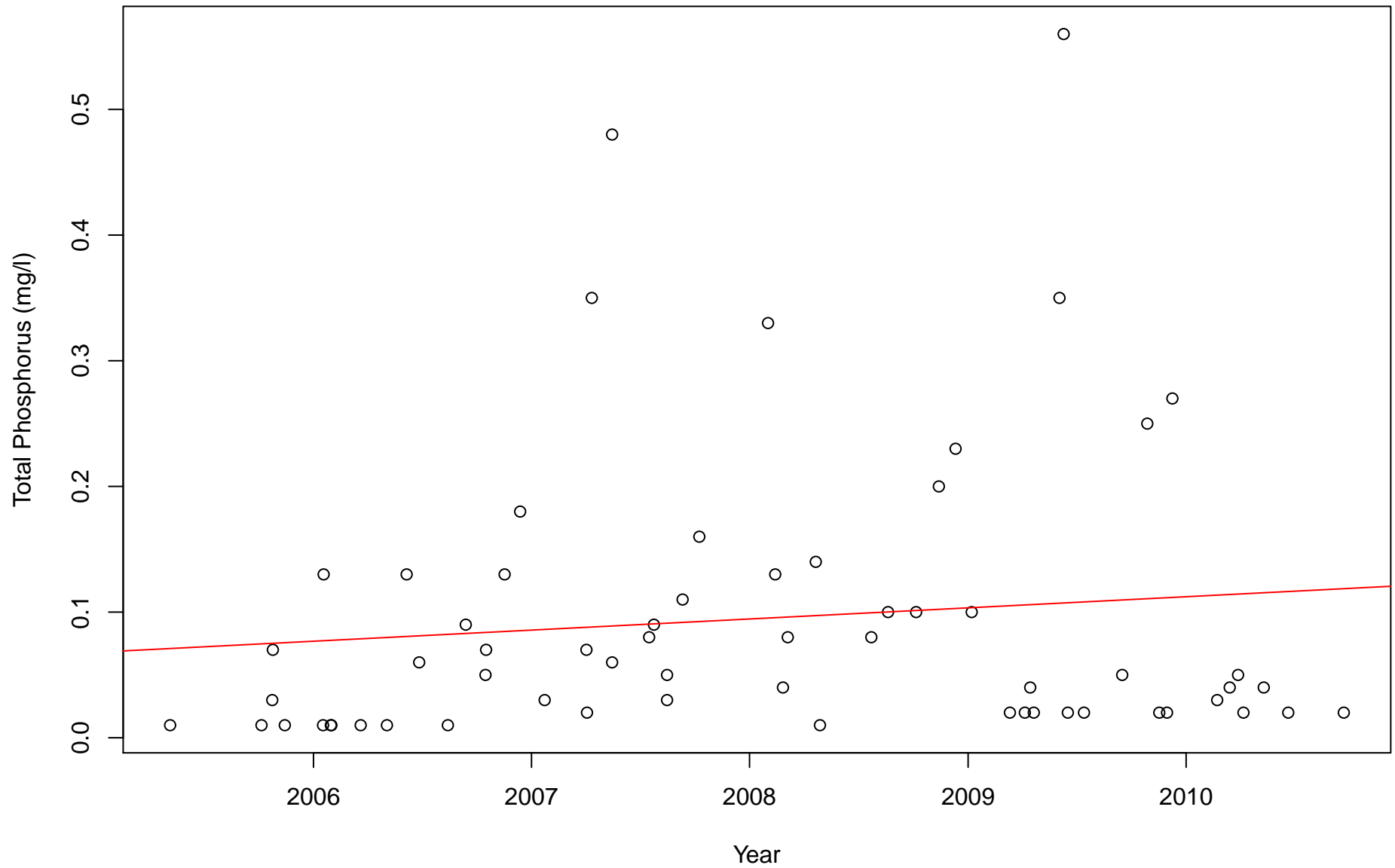
slope = -0.00944405101740952 ; p-value = 0.0231601833356981

AA94MSI000009



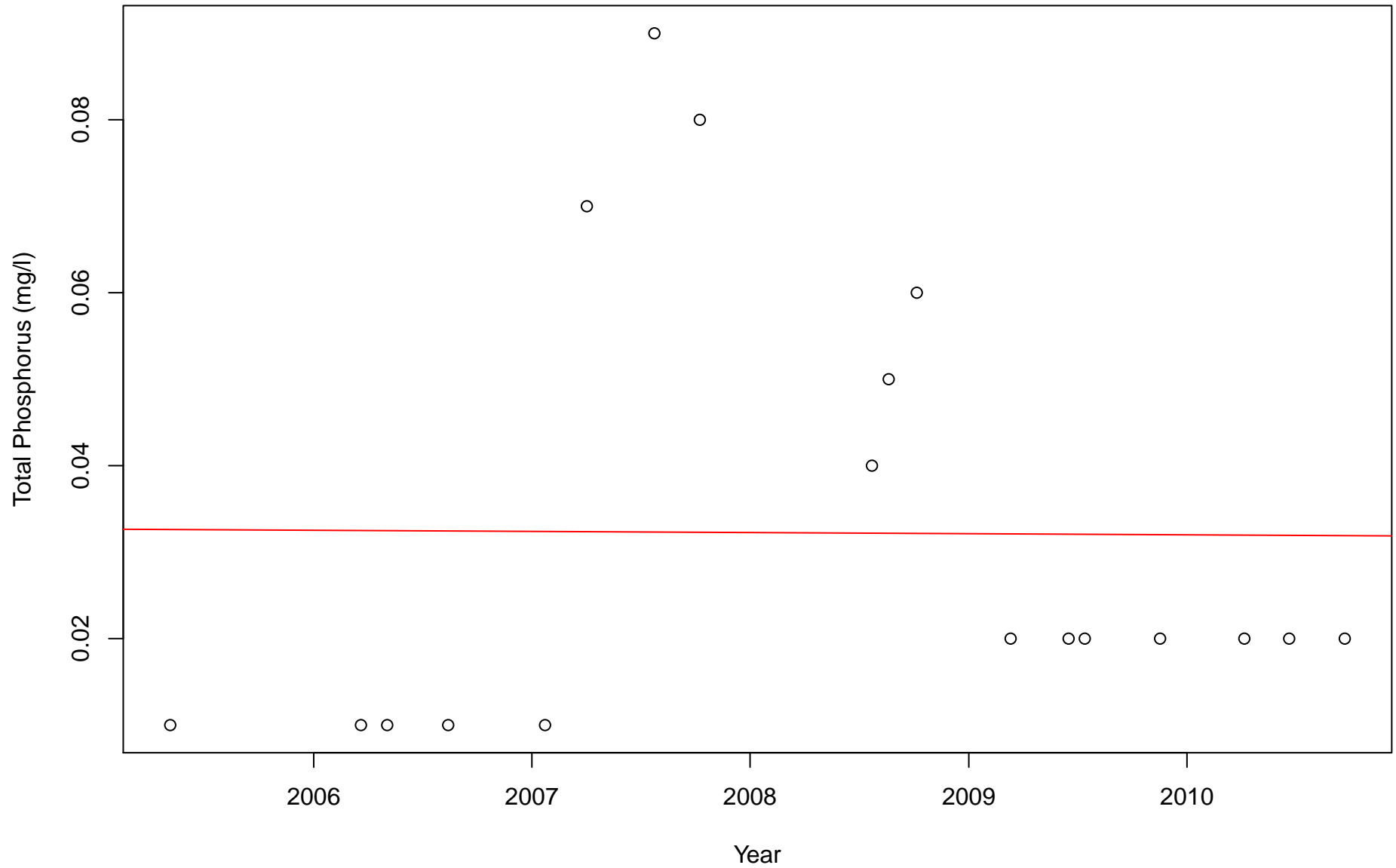
slope = -0.0787883866006432 ; p-value = 0.0333190087826028

BA05MSI000SL01



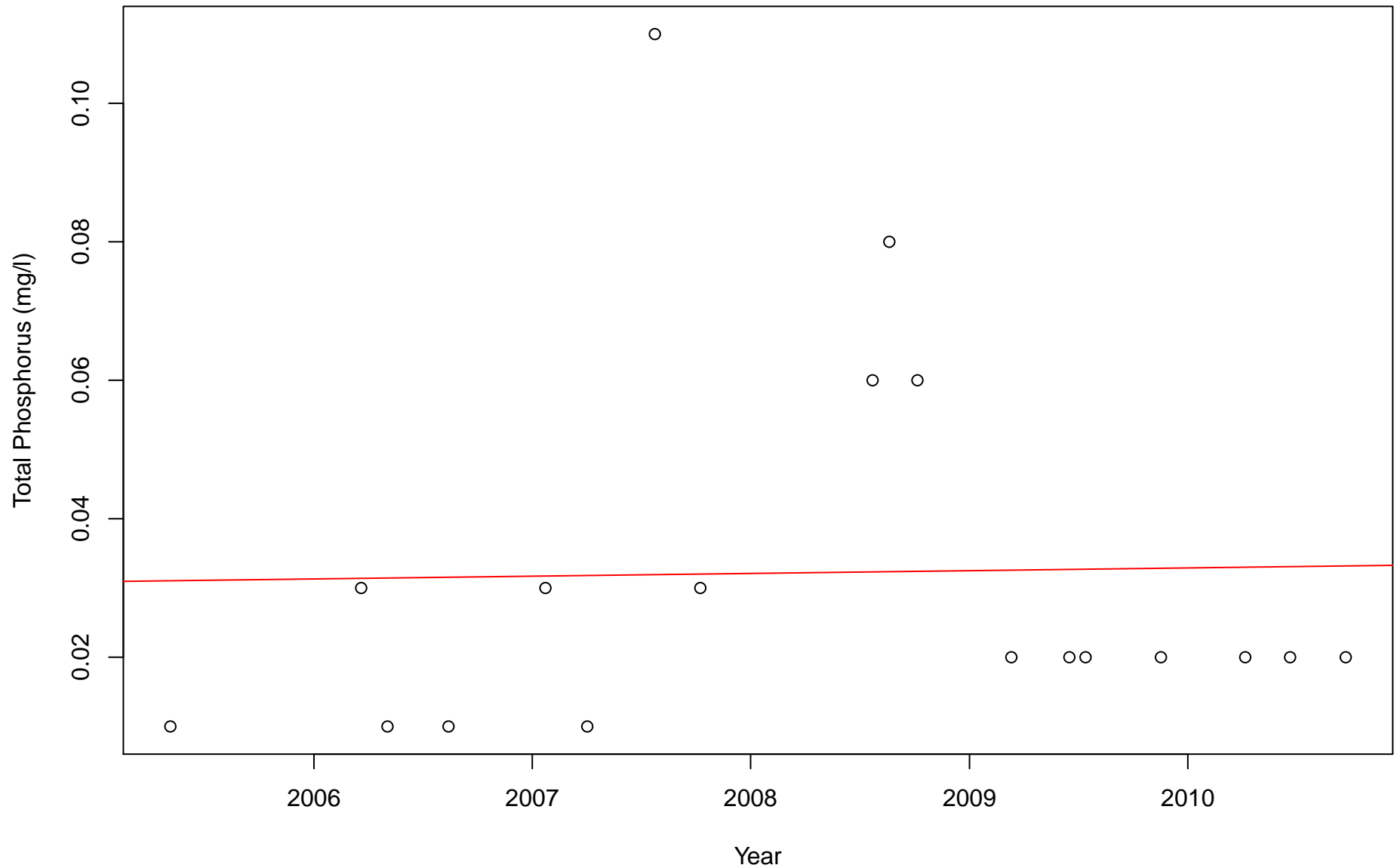
slope = 0.0088459396353922; p-value = 0.369556775437332

BA05MSI000SL02



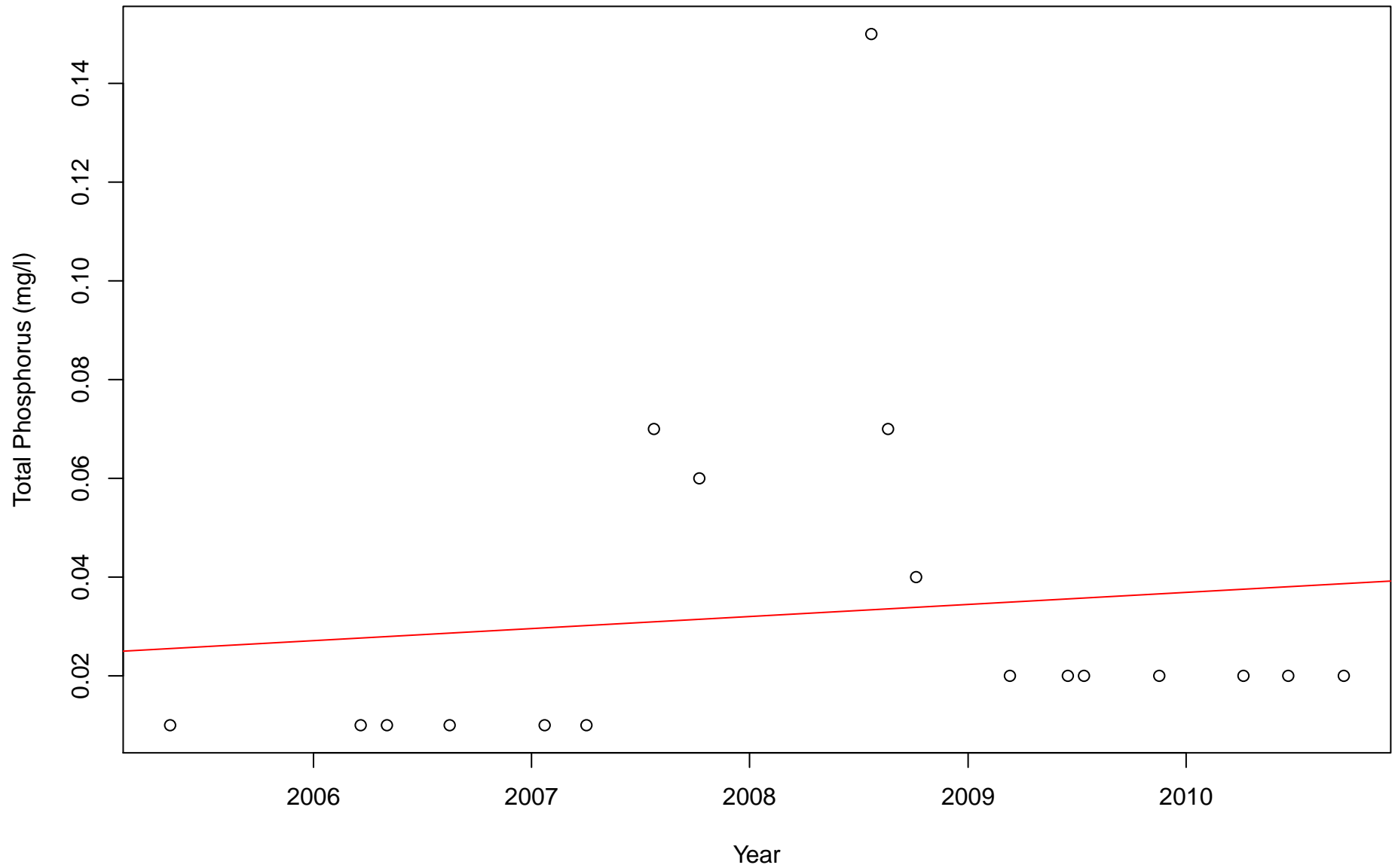
slope = -0.000131383448907502 ; p-value = 0.974626114070859

BA05MSI000SL03



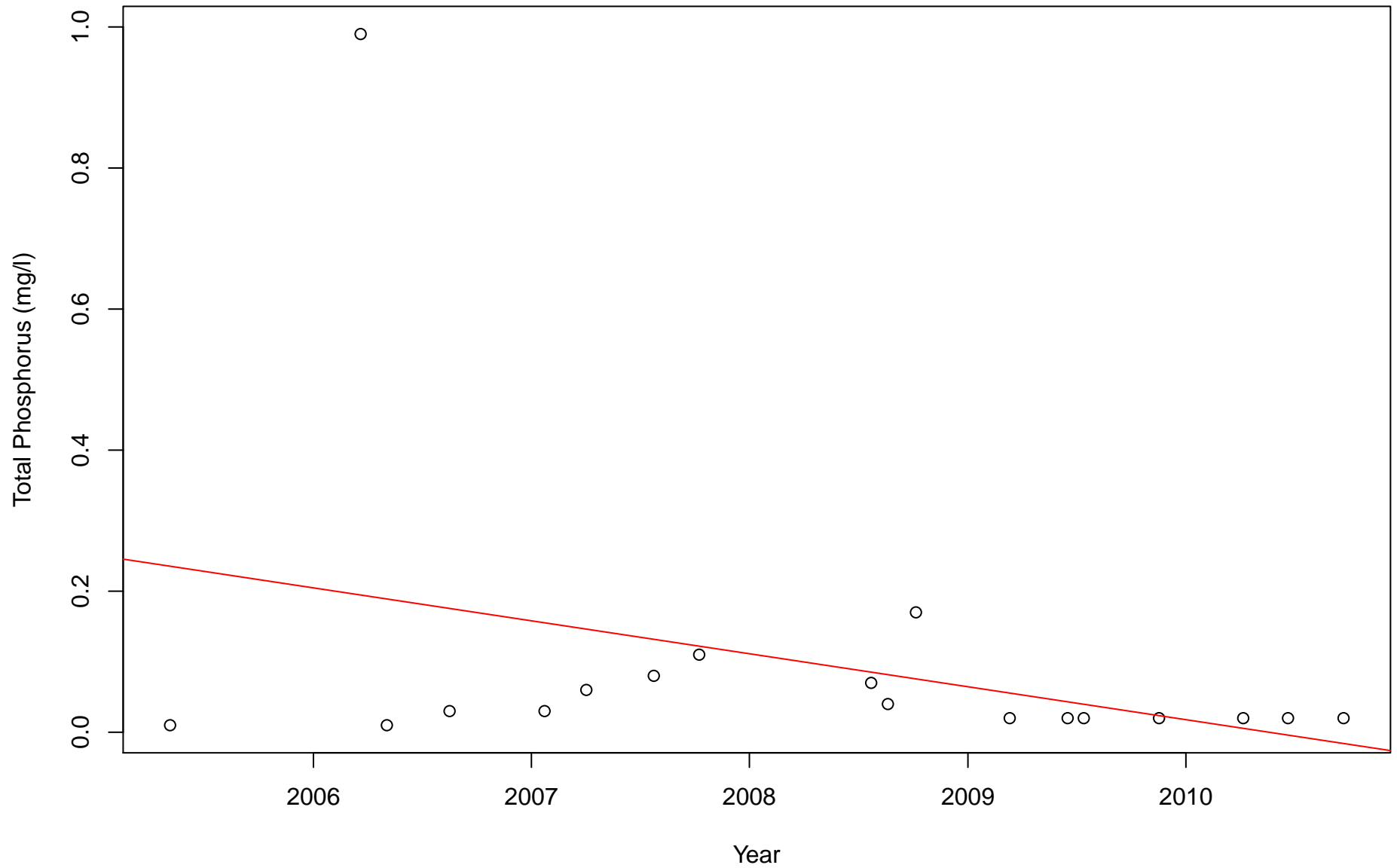
slope = 0.000397383131015916; p-value = 0.926988587389931

BA05MSI000SL04



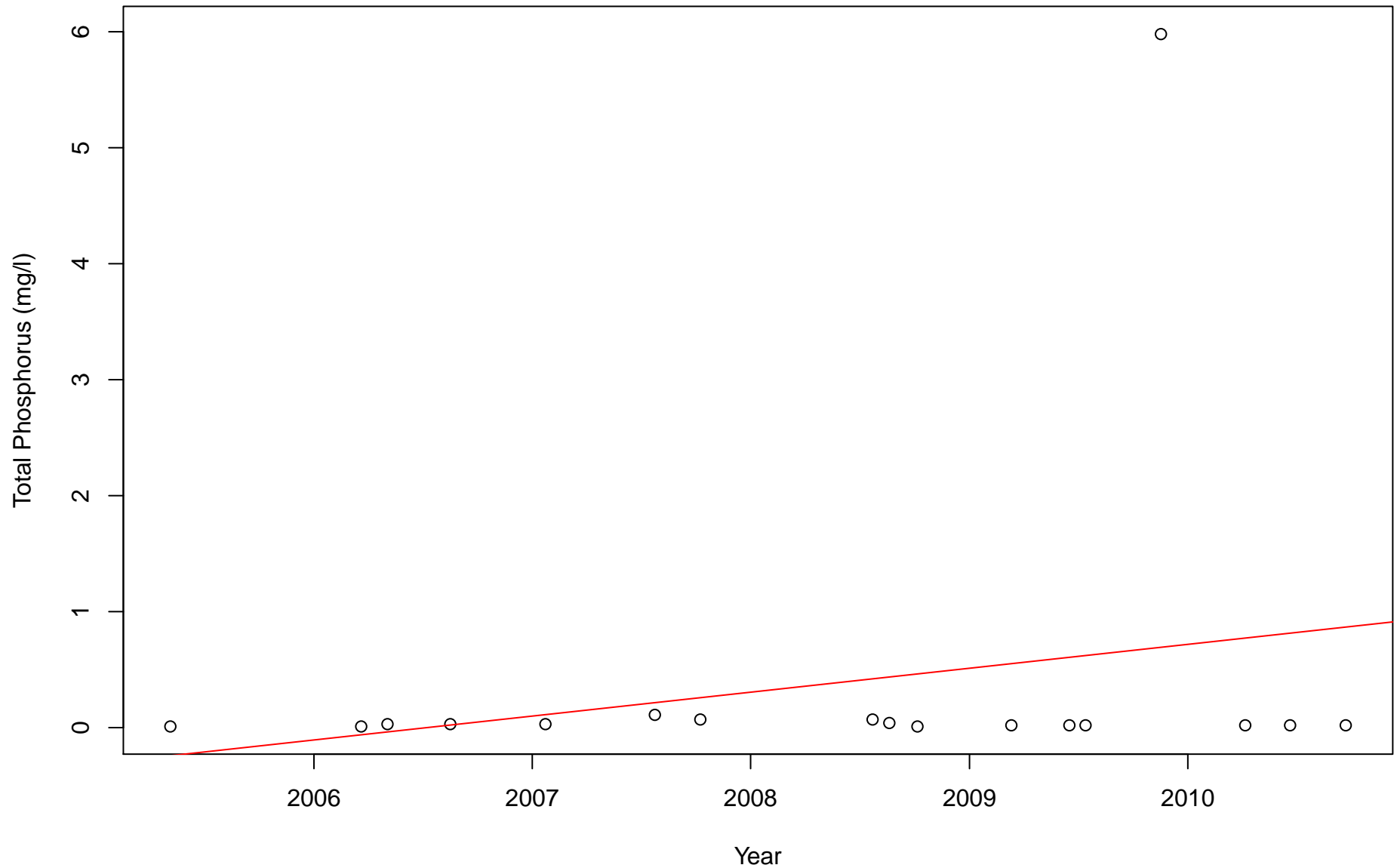
slope = 0.00244206889117001; p-value = 0.662171224100011

BA05MSI000SL05



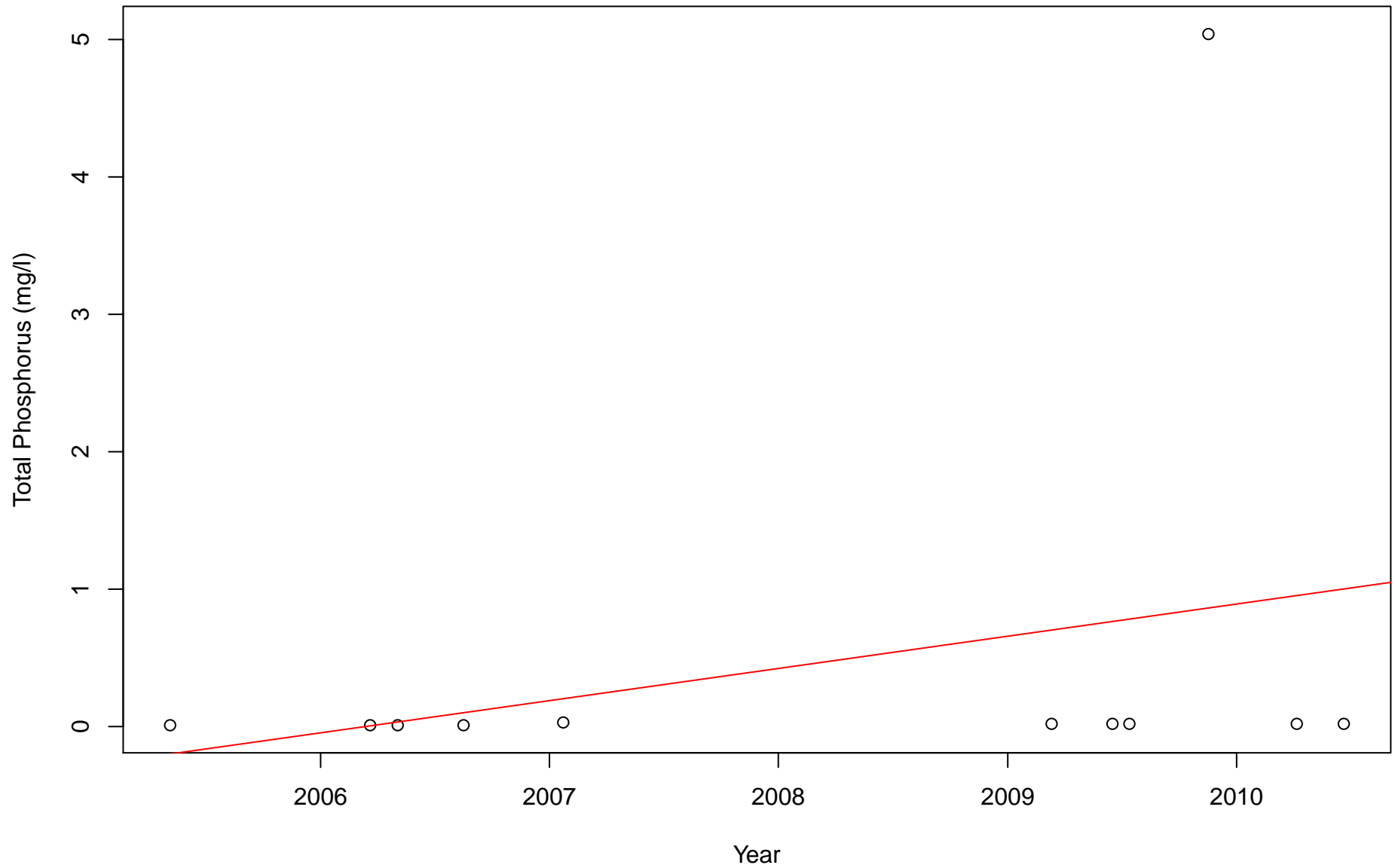
slope = -0.0466897156598175 ; p-value = 0.178164448337673

BA05MSI000SL06



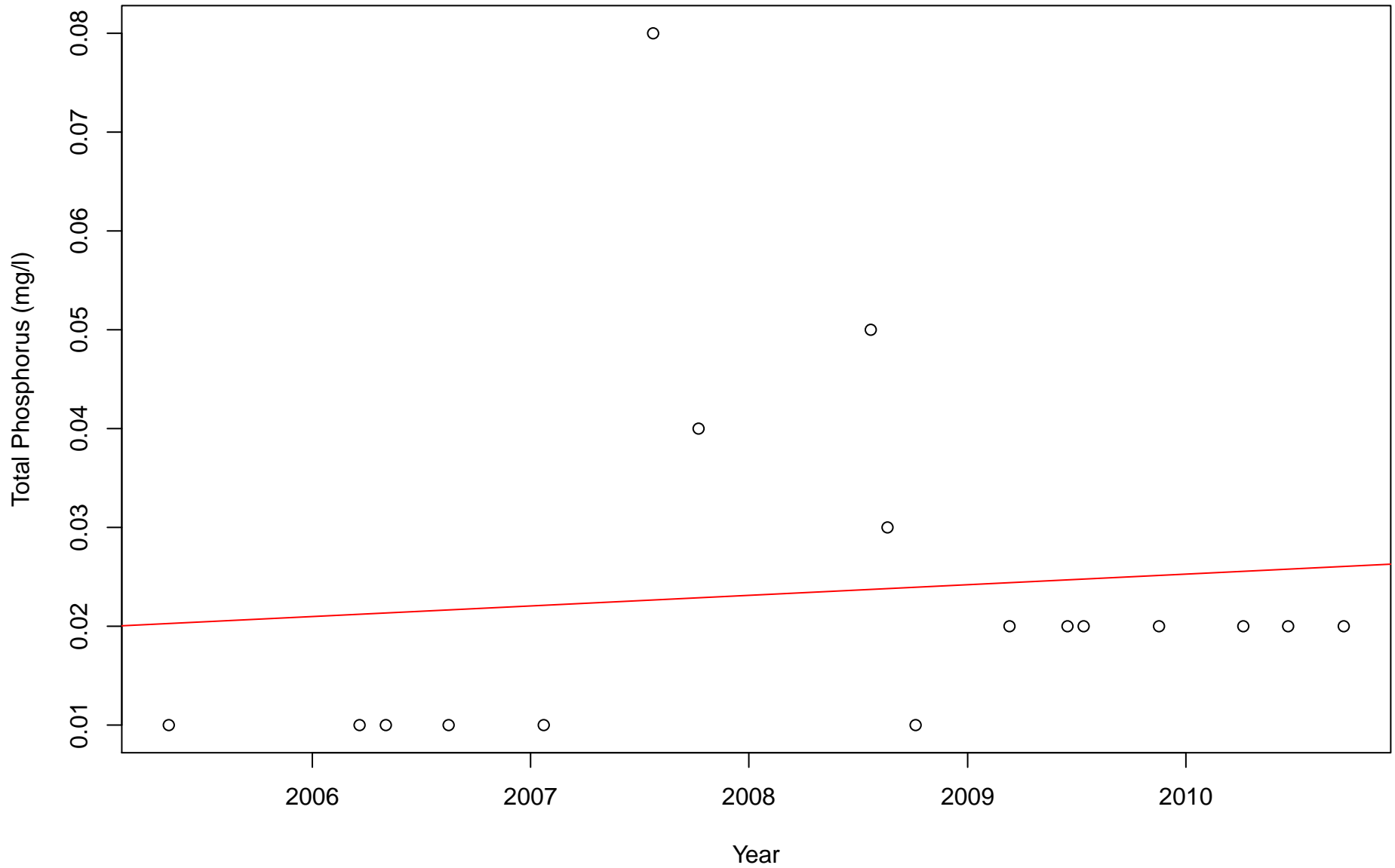
slope = 0.205993686406019; p-value = 0.365618181994681

BA05MSI000SL07



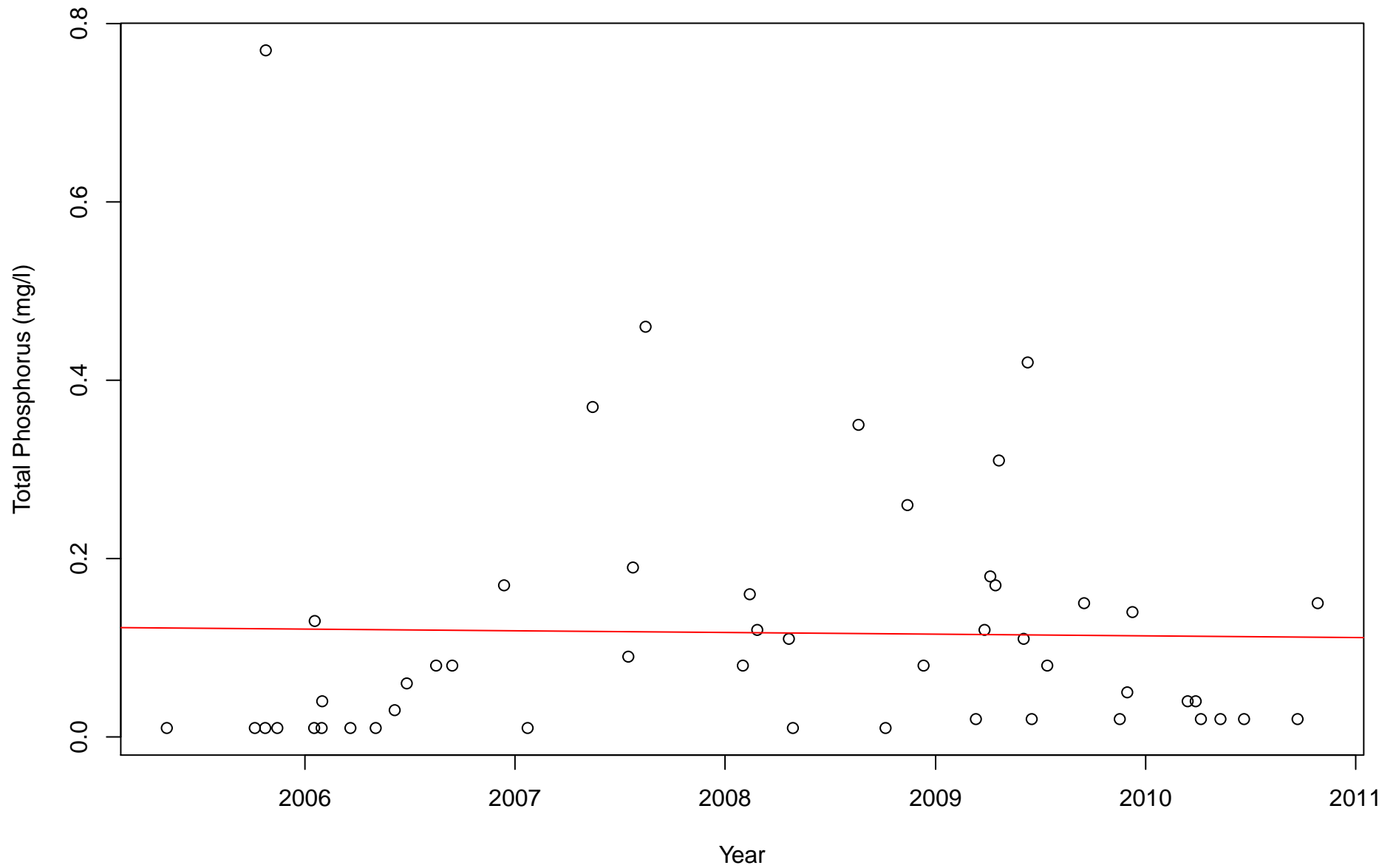
slope = 0.234149783043593; p-value = 0.381644112544145

BA05MSI000SL08



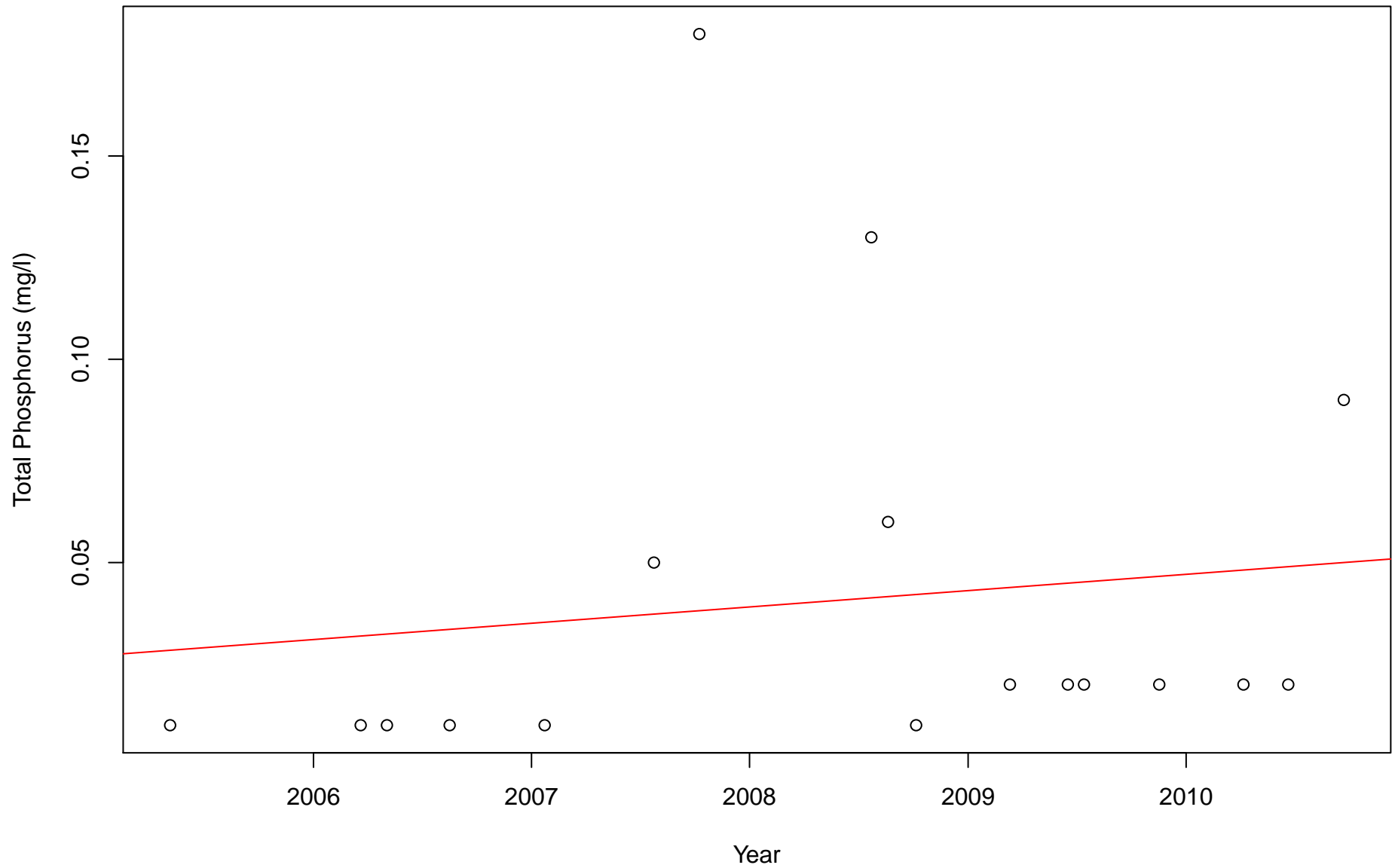
slope = 0.00107274607365092; p-value = 0.714349875677412

BA05MSI000SL09



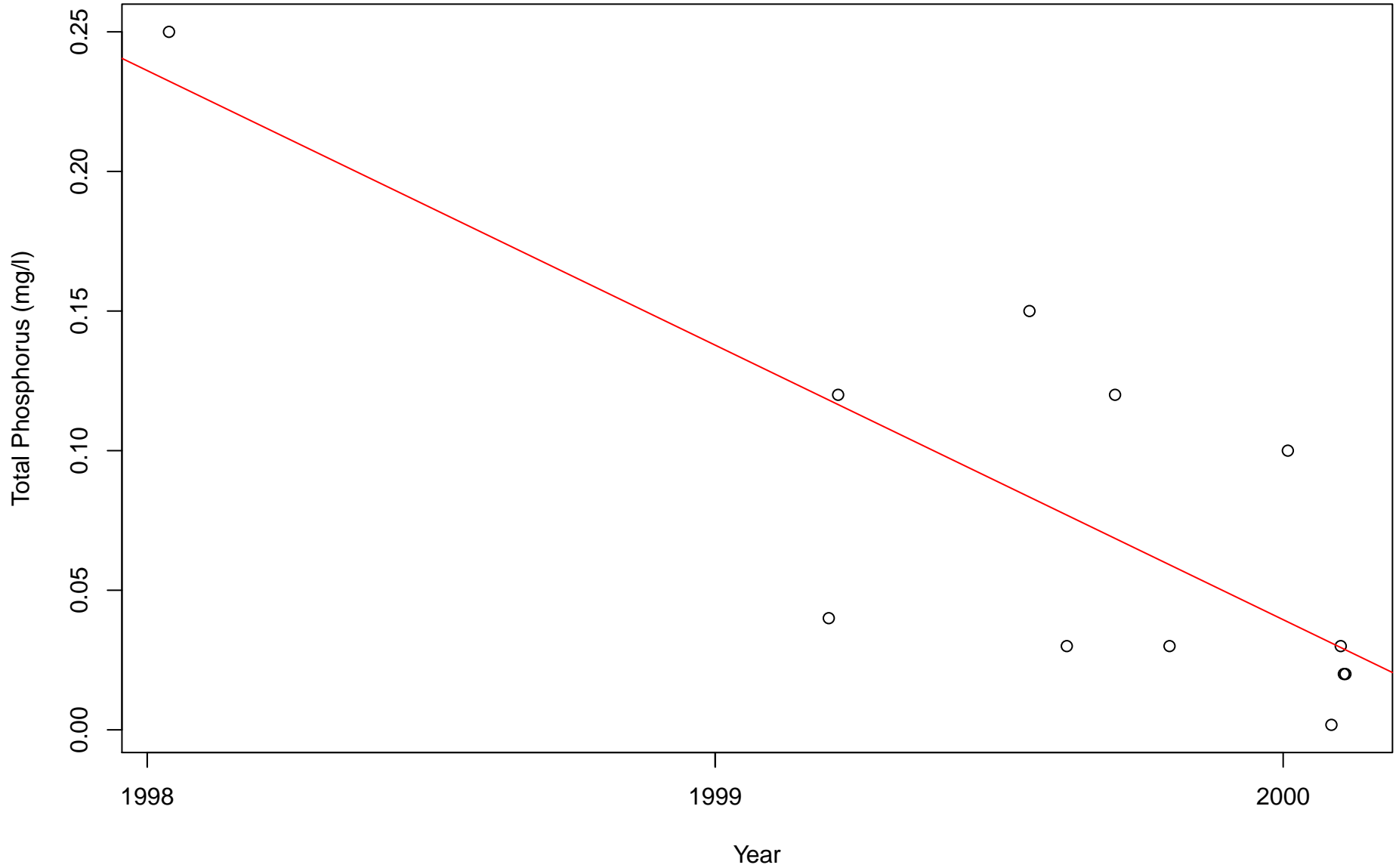
slope = -0.00189224189249251; p-value = 0.884379962381573

BA05MSI000SL10

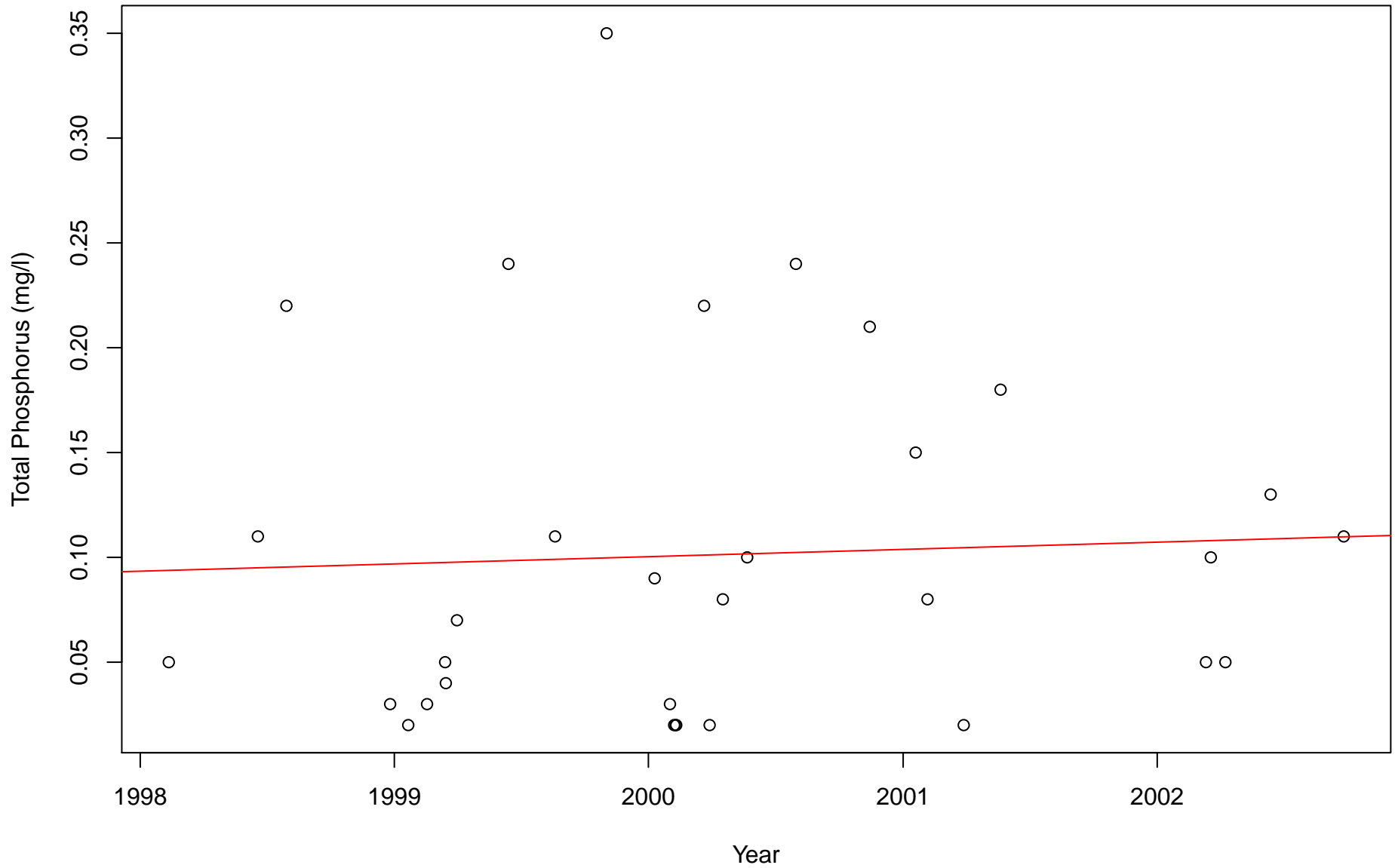


slope = 0.00400768102861052; p-value = 0.60813448678575

BA98MSI000LQ3

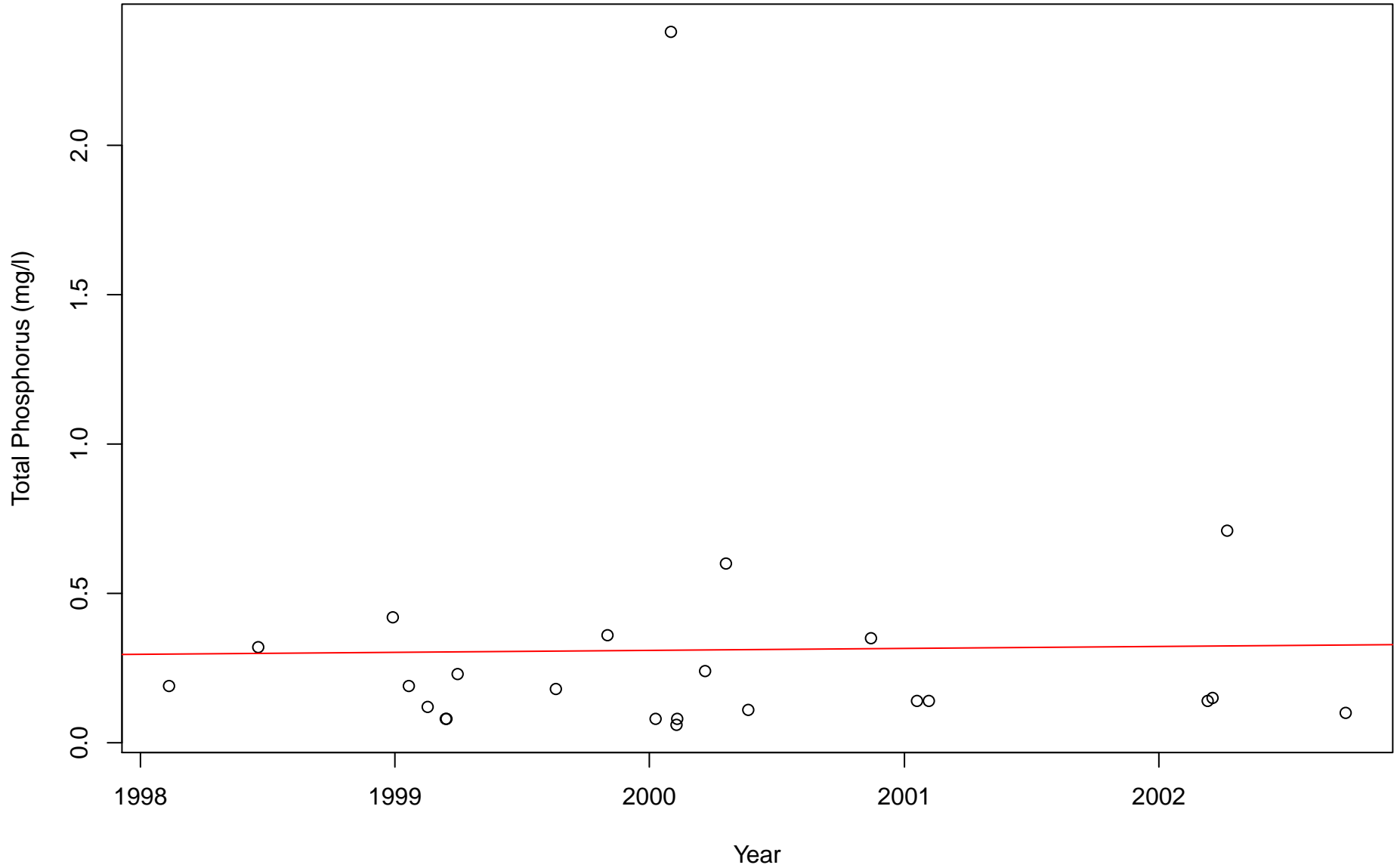


BA98MSI000SB2



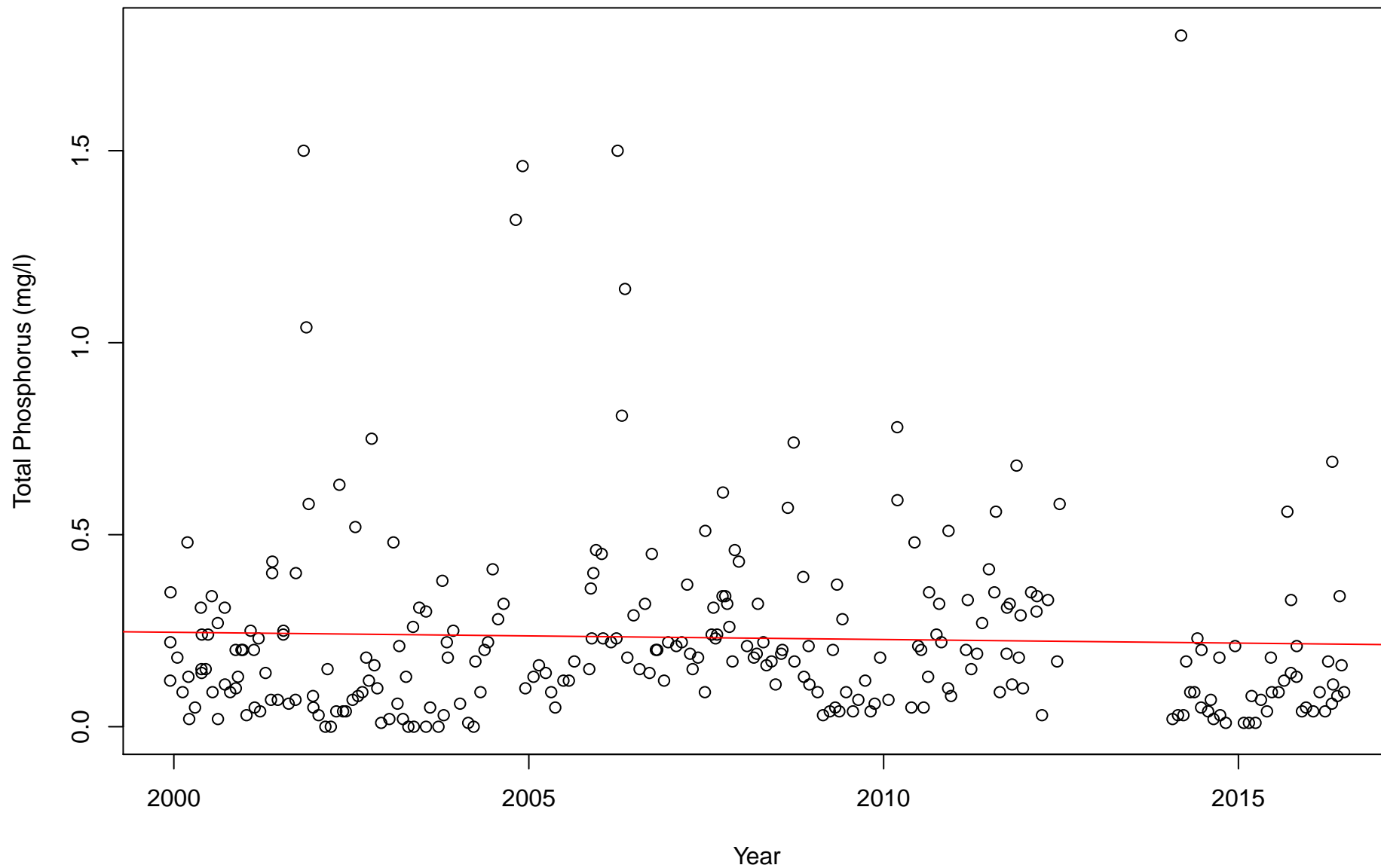
slope = 0.00345970529274342; p-value = 0.785589625381945

BA98MSI000SB3



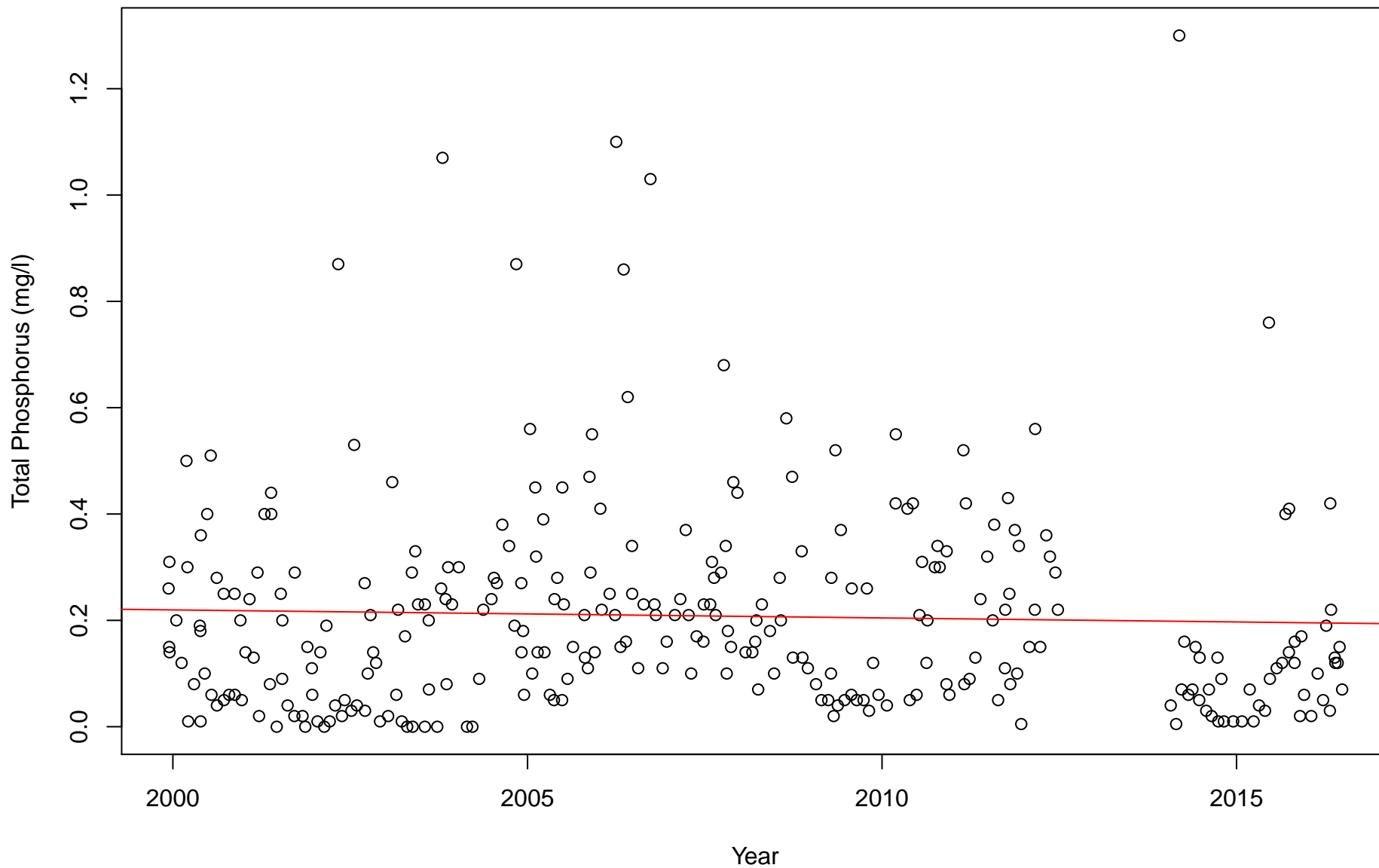
slope = 0.00655246361196651; p-value = 0.936153214231927

BC16MS000I81



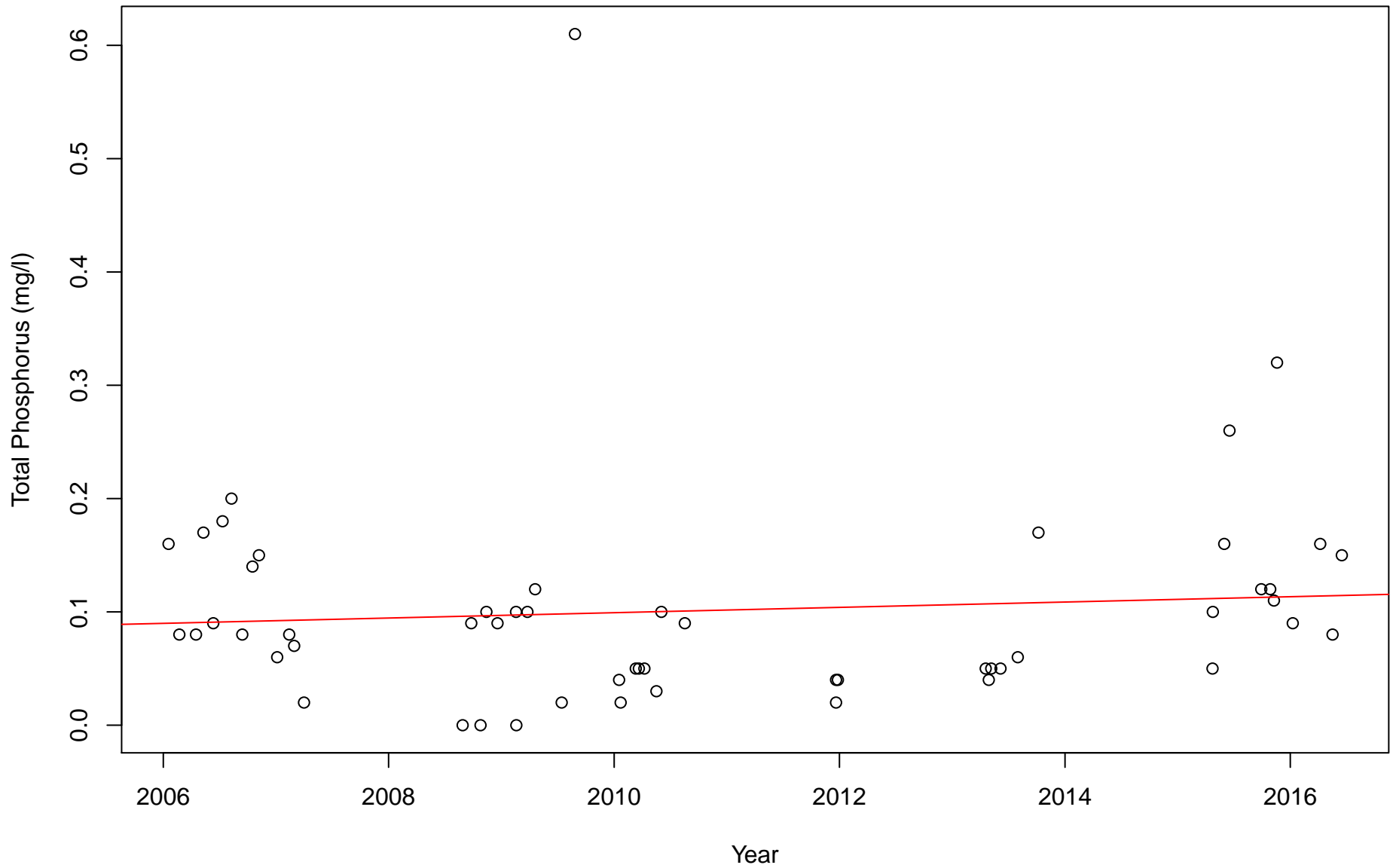
slope = -0.00187601881704419 ; p-value = 0.551635475228752

BC16MS000I82



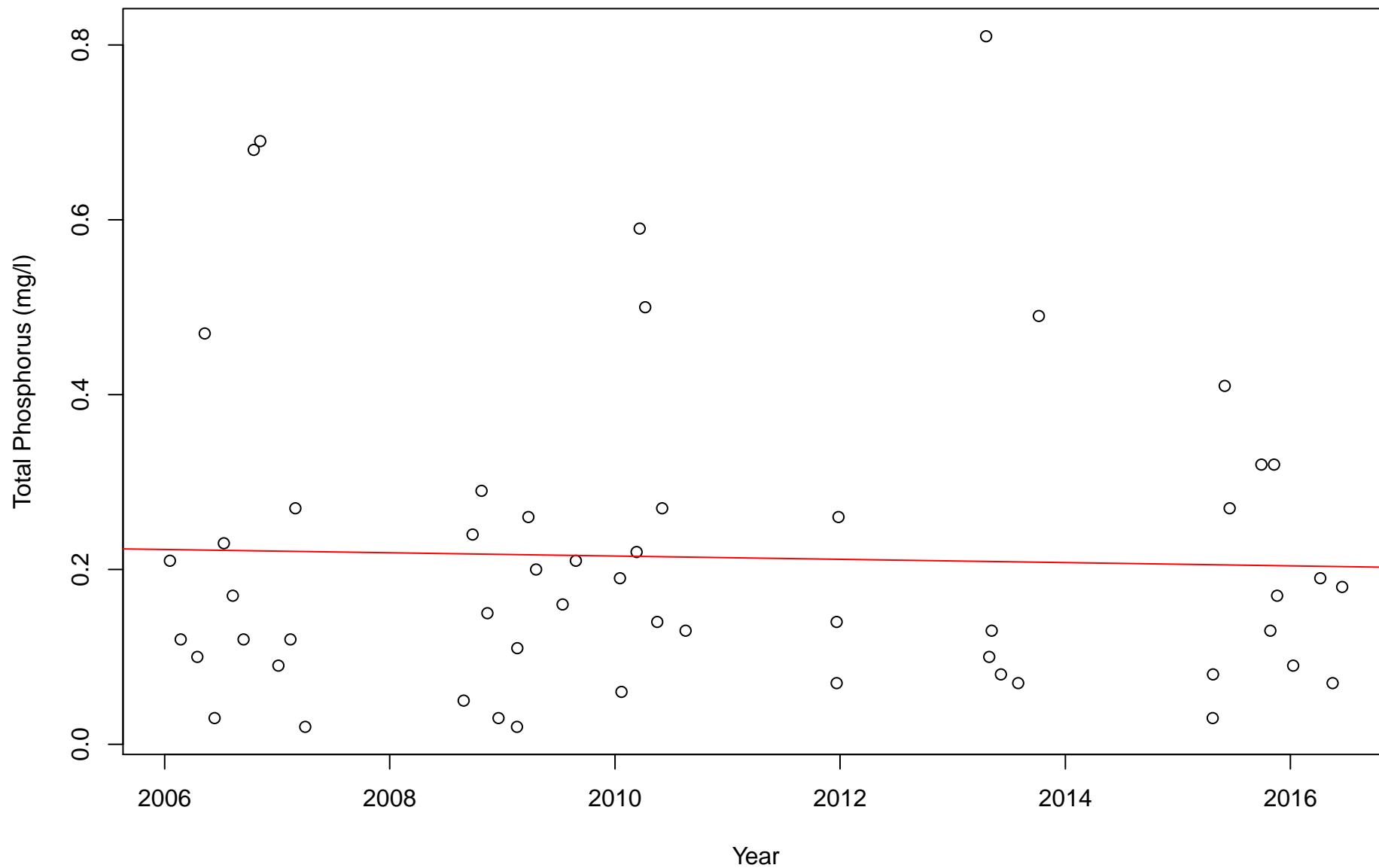
slope = -0.00151001856615728 ; p-value = 0.522080381138246

CC15MSI000001



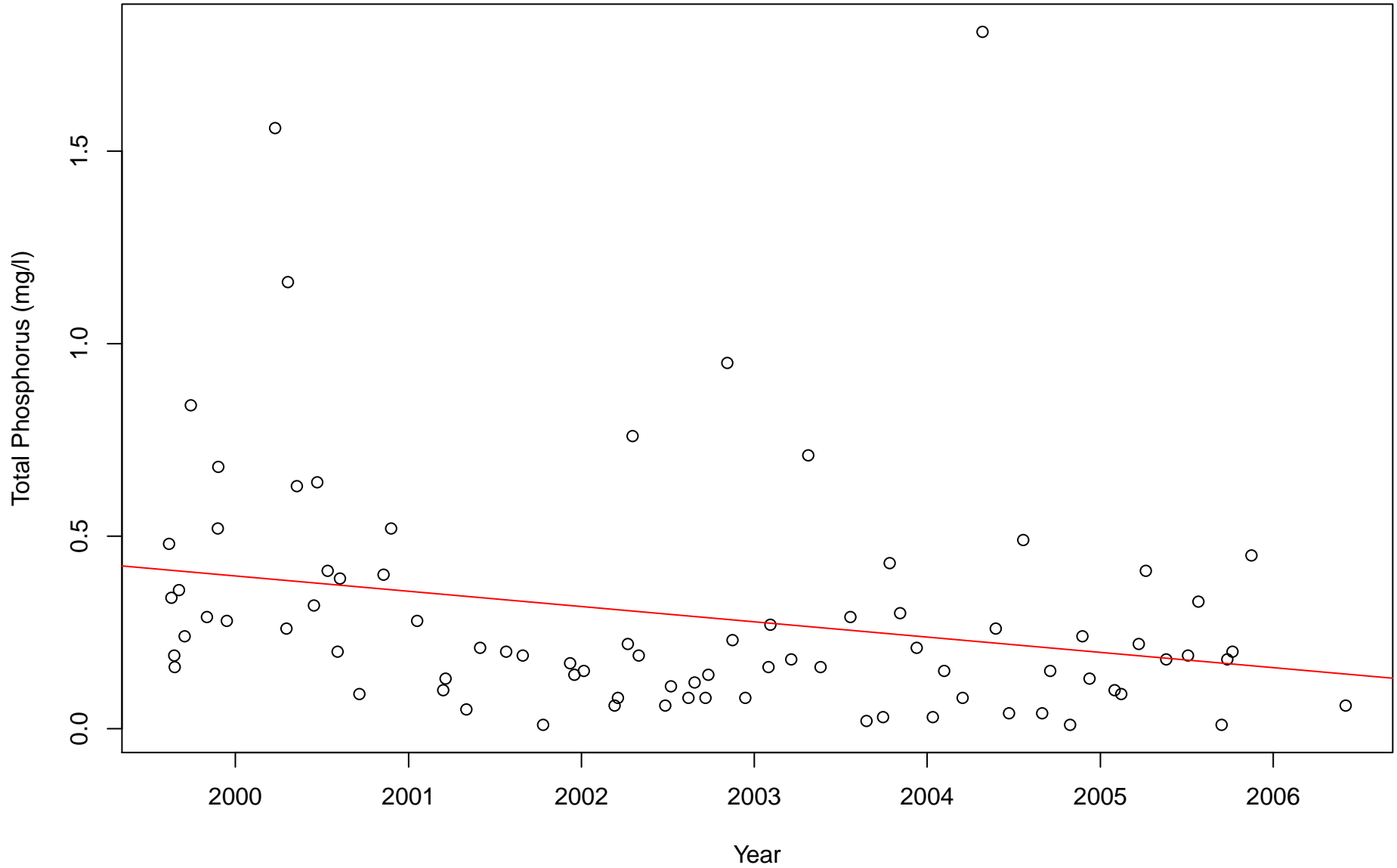
slope = 0.0023499884429262; p-value = 0.539797475324896

CC15MSI000002



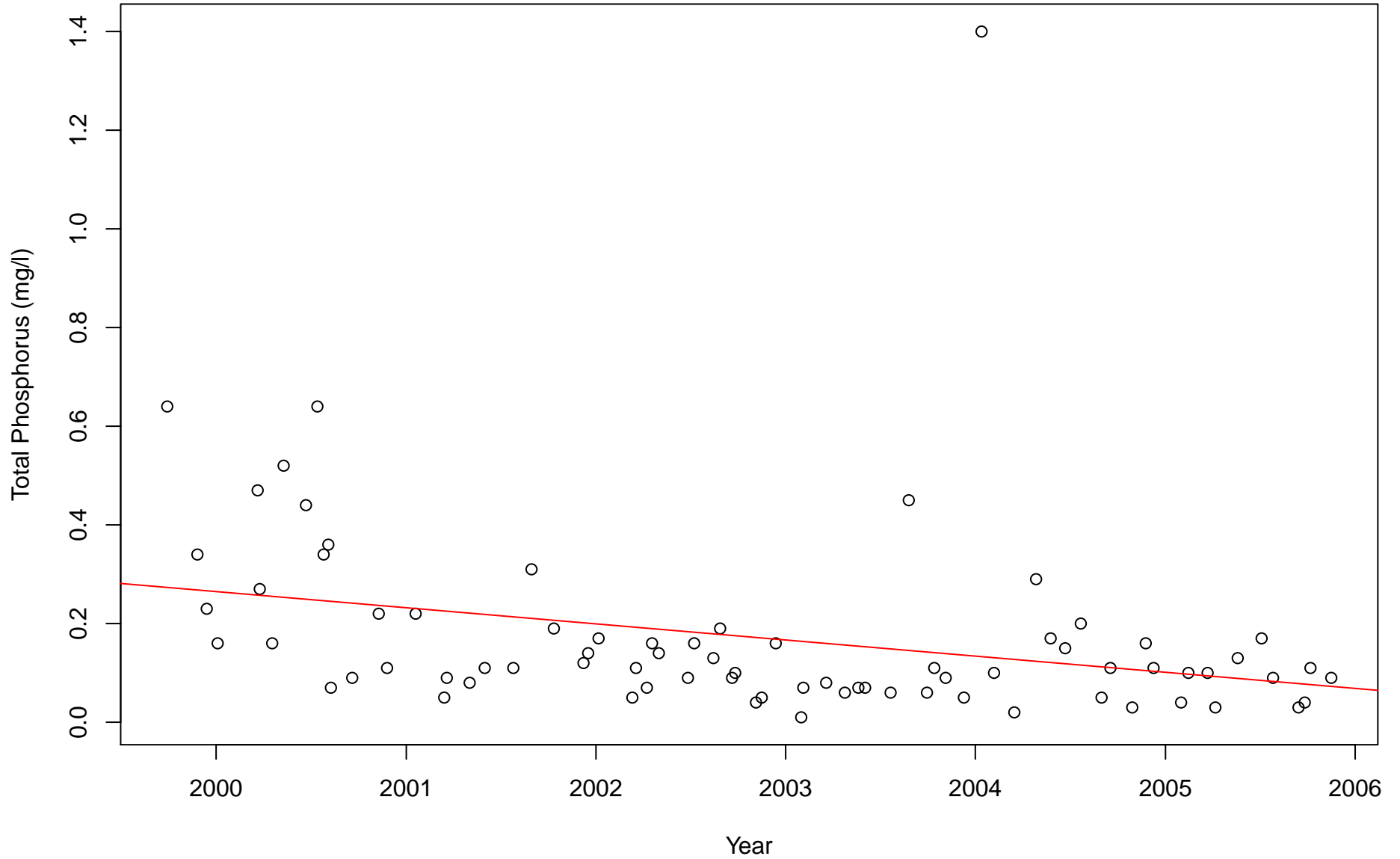
slope = -0.00187157776054202; p-value = 0.796594984617797

CH99MSI000096



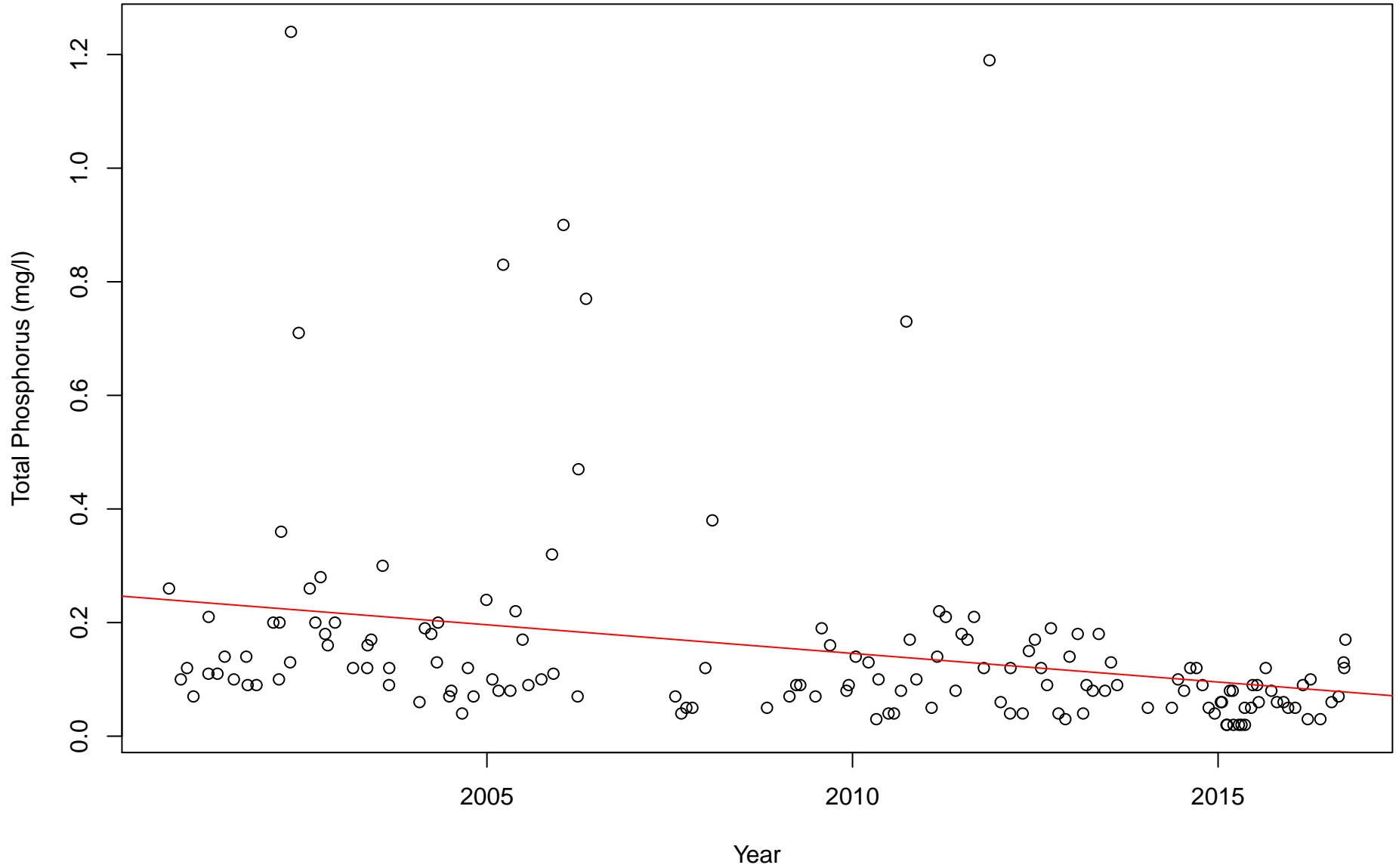
slope = -0.0396568931711237 ; p-value = 0.0233755891095575

CH99MSI000162



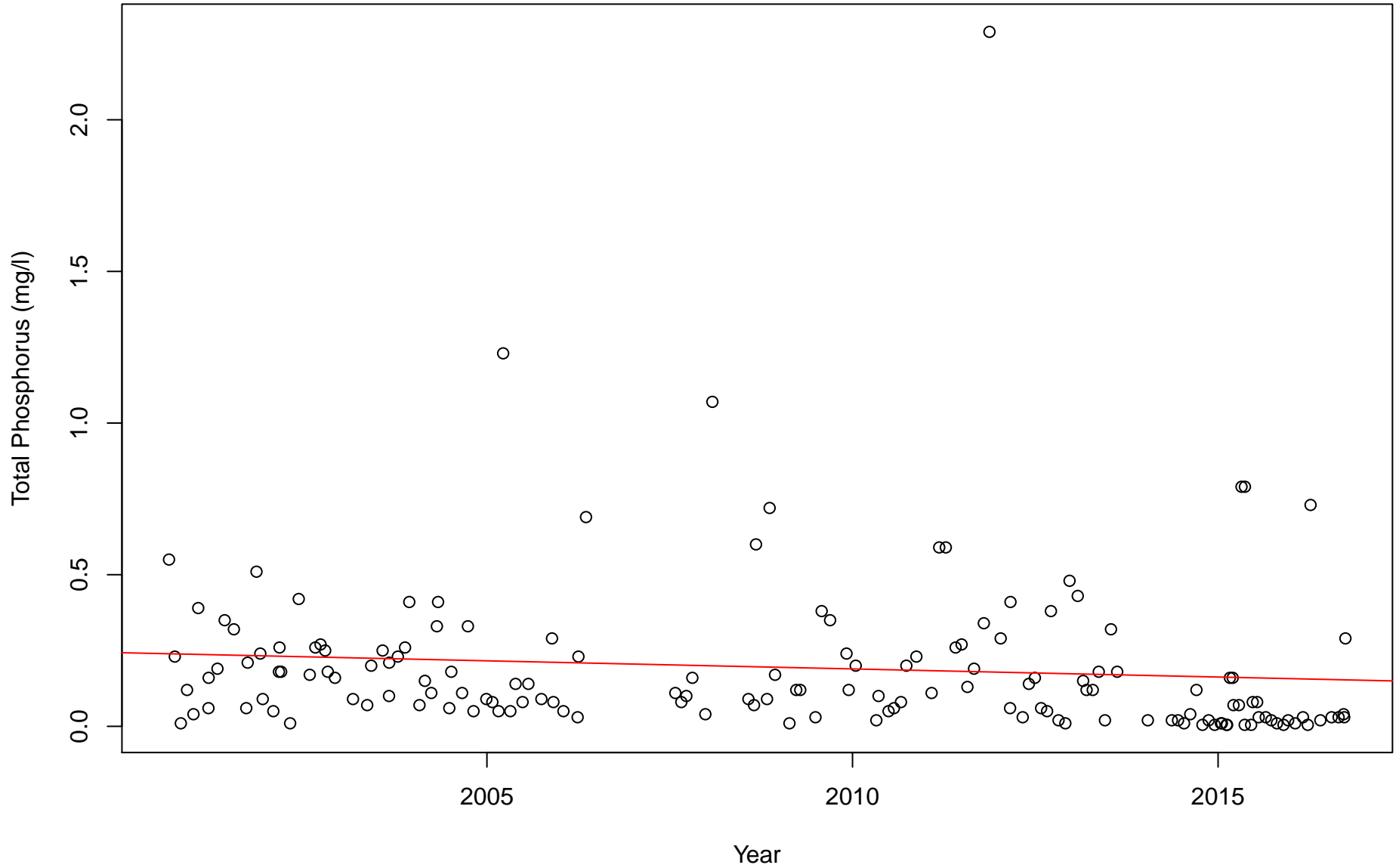
slope = -0.0326768713885916 ; p-value = 0.0093023259912146

CR15MSI000003



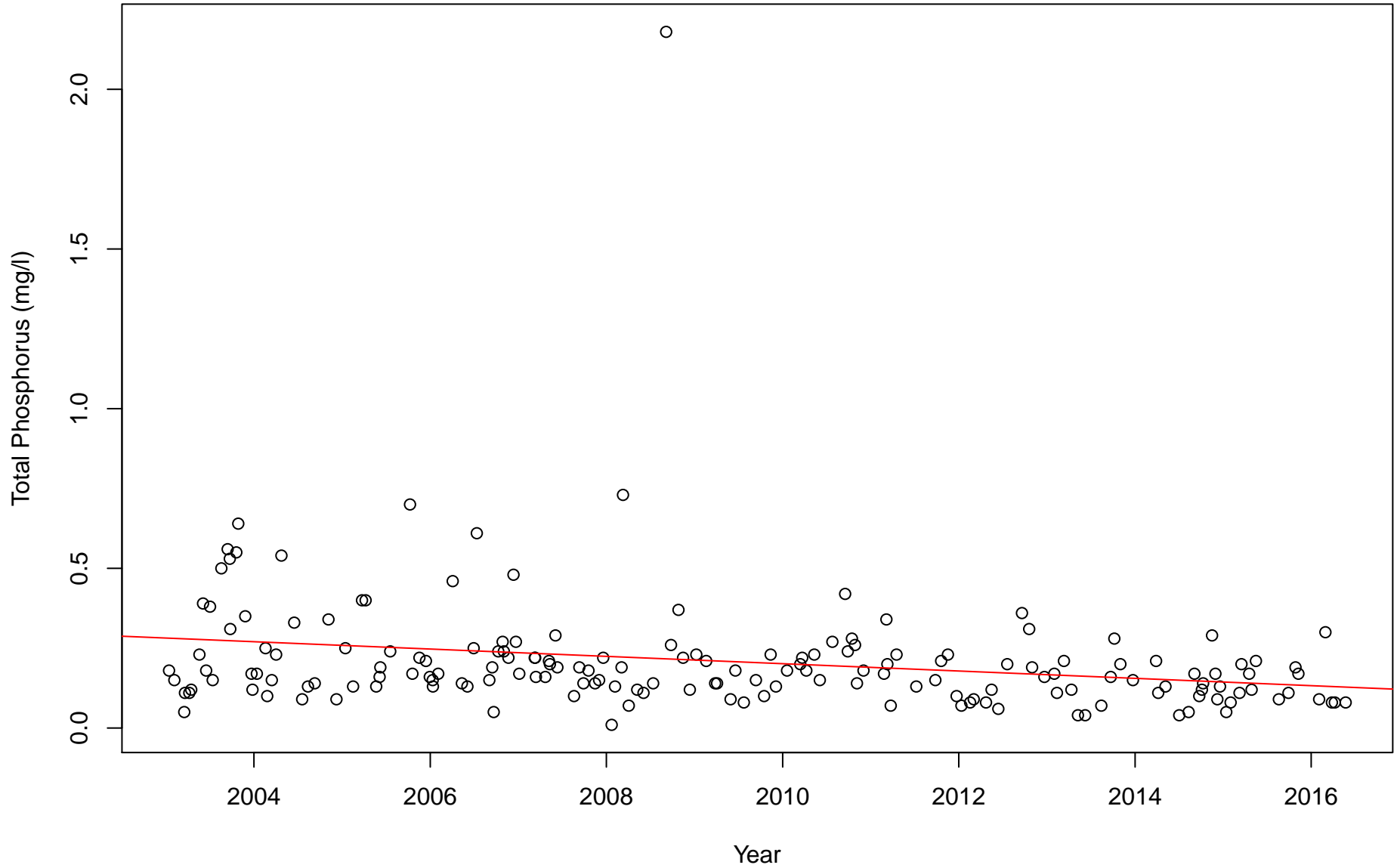
slope = -0.010076069174231 ; p-value = 0.000685462071762377

CR15MSI000004



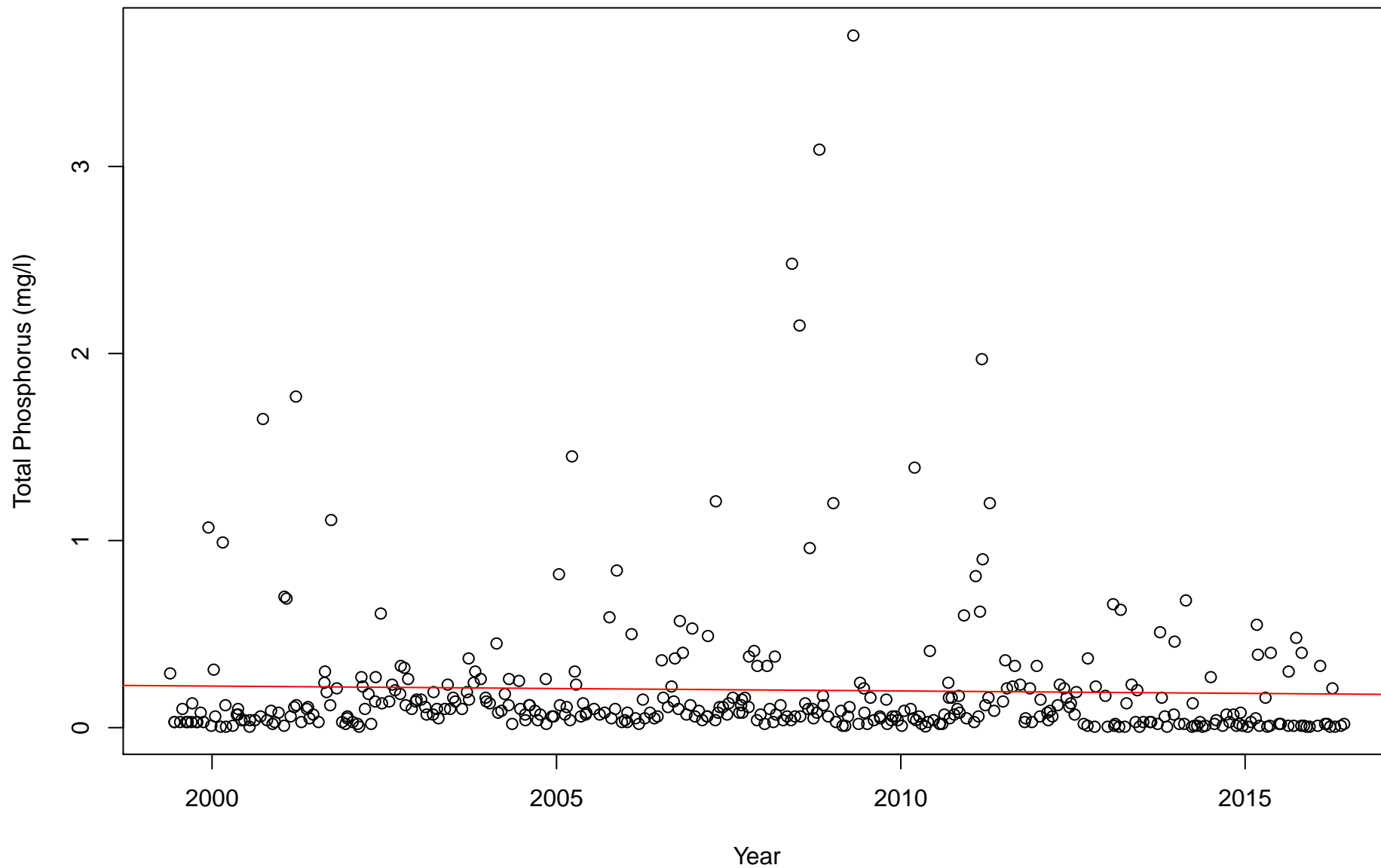
slope = -0.00534358931865054 ; p-value = 0.192826798066478

FR02MSI000059

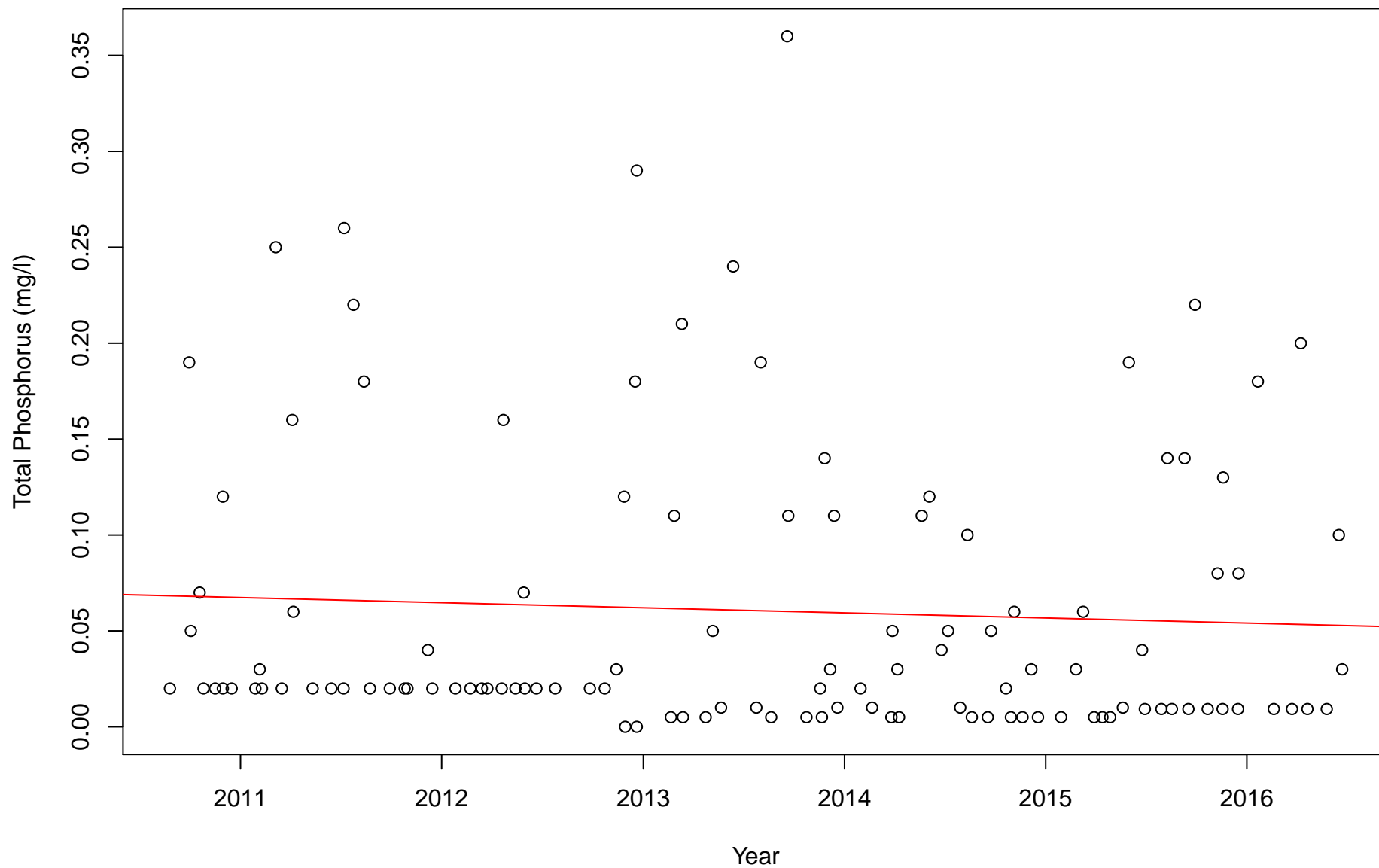


slope = -0.0114649782790673 ; p-value = 0.00198377532824519

FR99MSI000058

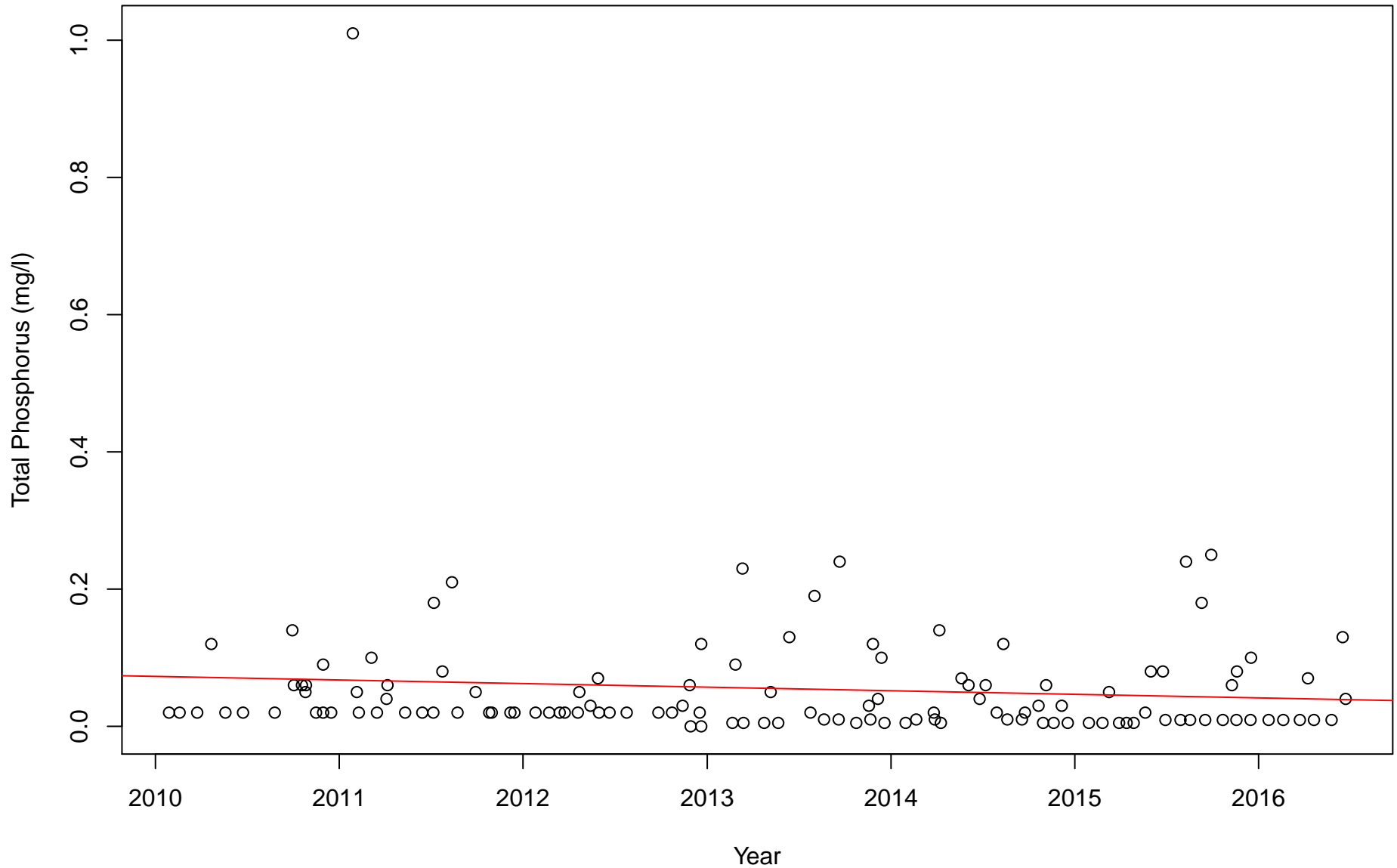


HA10MSI0WC002



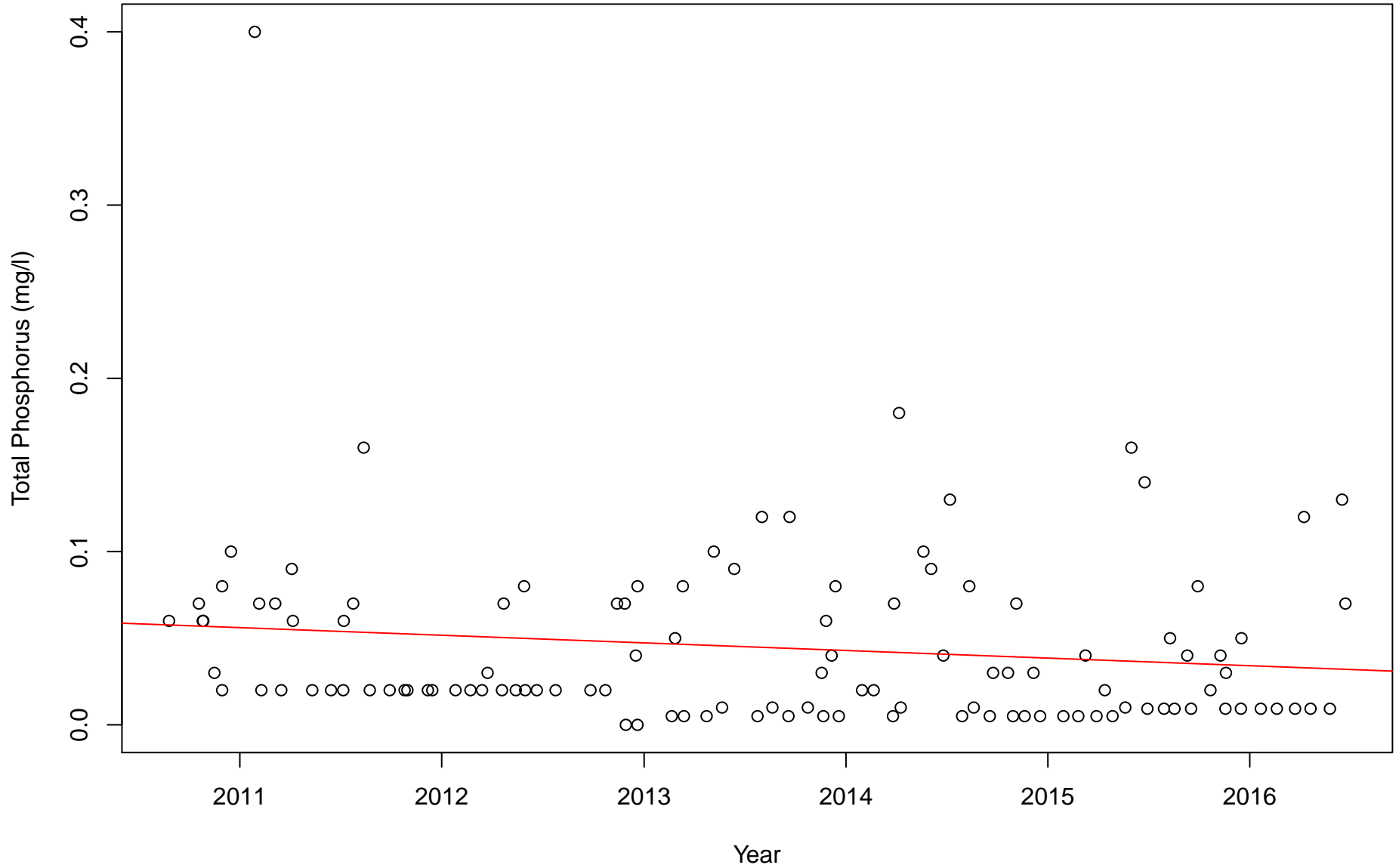
slope = -0.00265190979434253; p-value = 0.515752584908928

HA10MSI0WC003



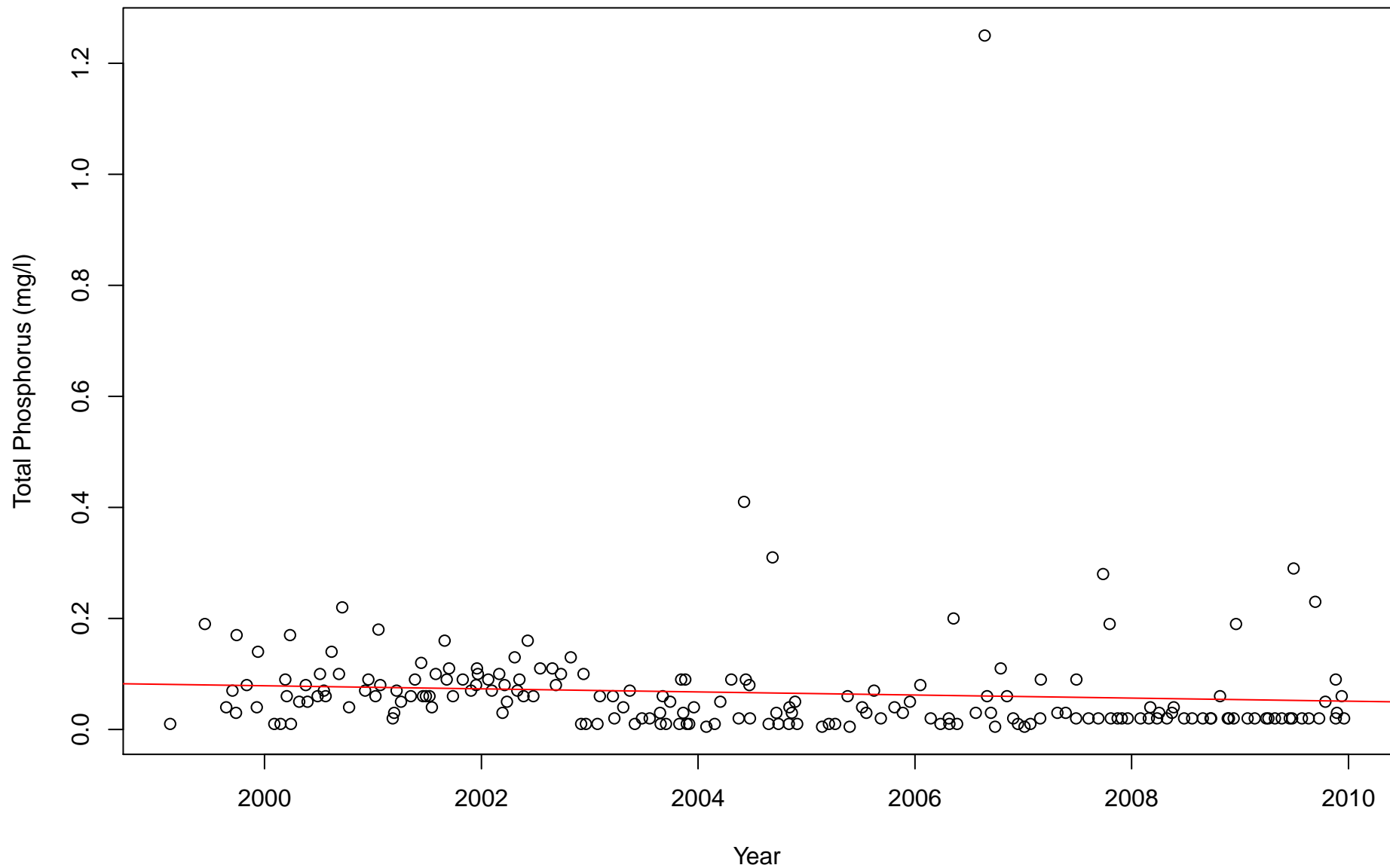
slope = -0.00521993150048479; p-value = 0.302289254736973

HA10MSI0WC004



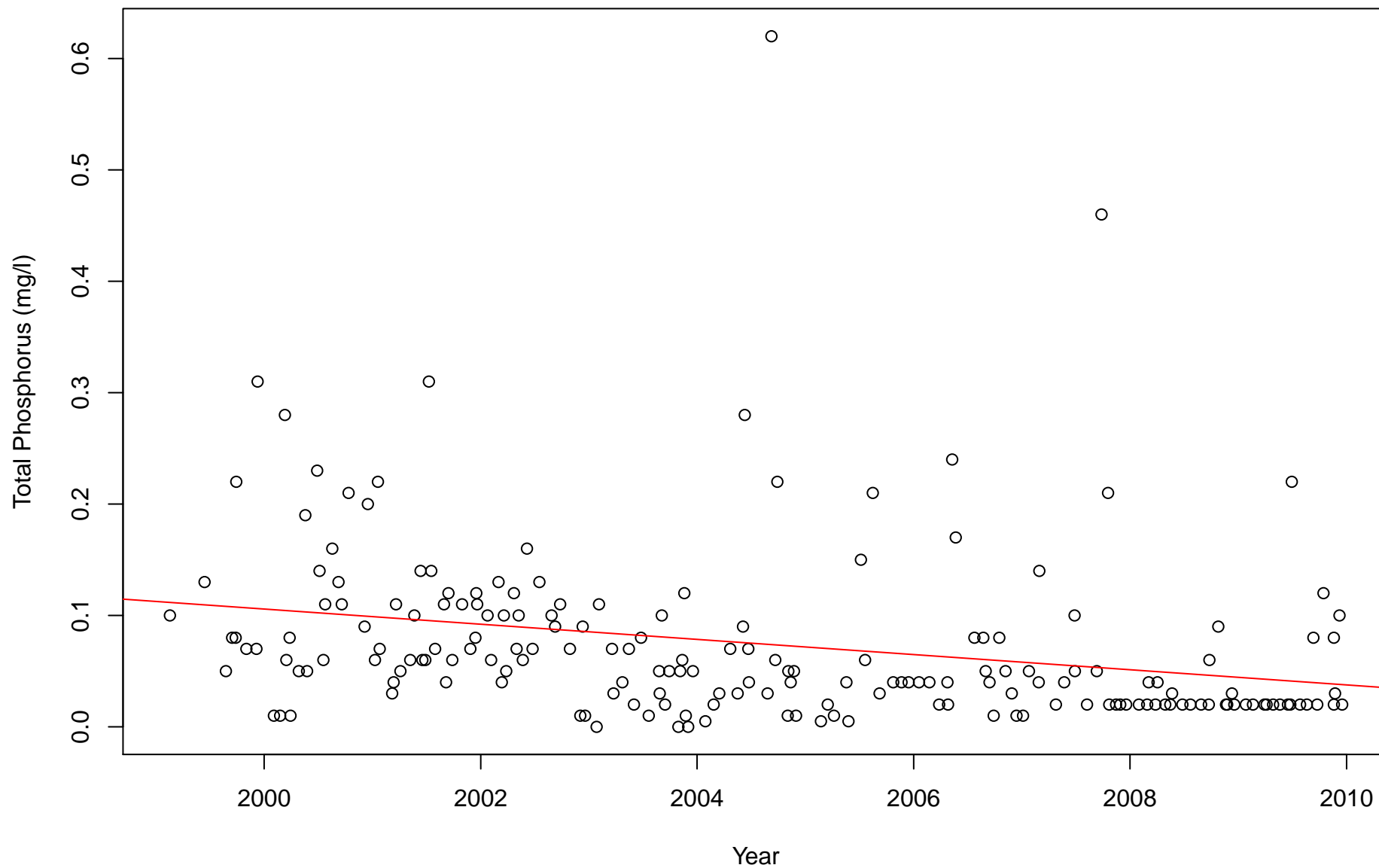
slope = -0.00439389264449154 ; p-value = 0.121004403734267

HA99MSI000001



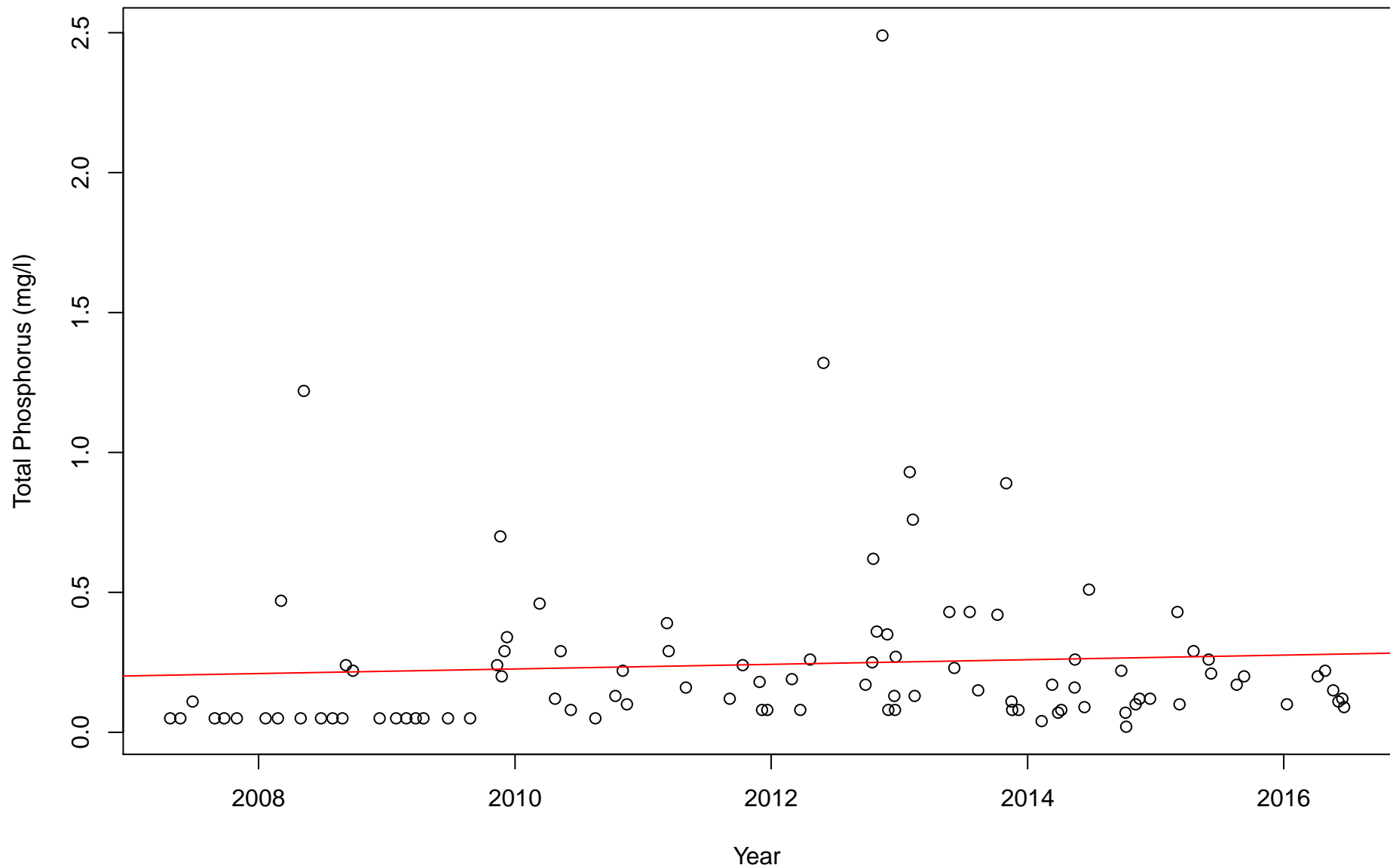
slope = -0.0027736627578761 ; p-value = 0.256846734095182

HA99MSI000002



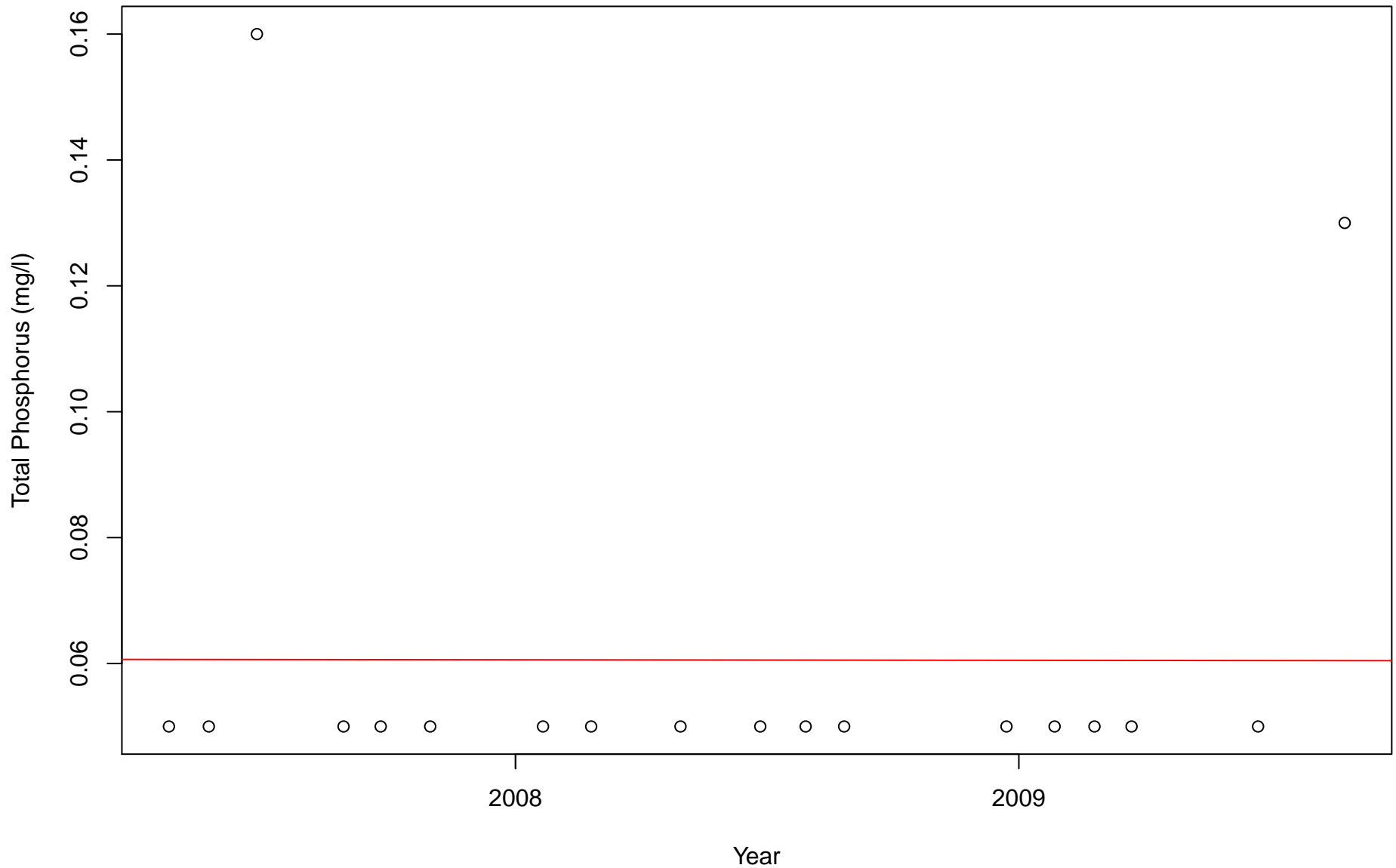
slope = -0.00680765647010486; p-value = 0.000173630552192884

HO07MSI000035



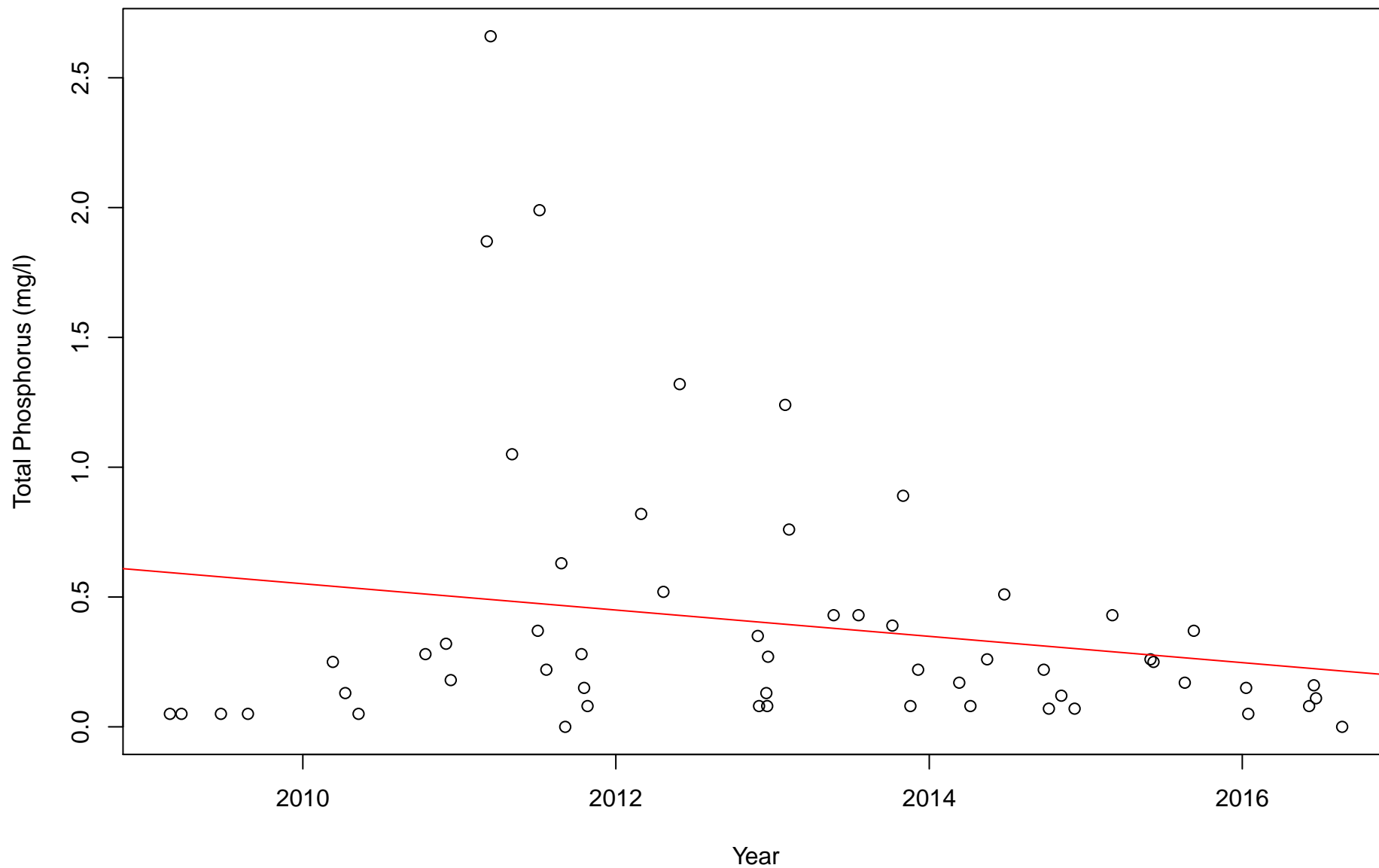
slope = 0.00823893931195139; p-value = 0.515899710509652

HO07MSI0000CL



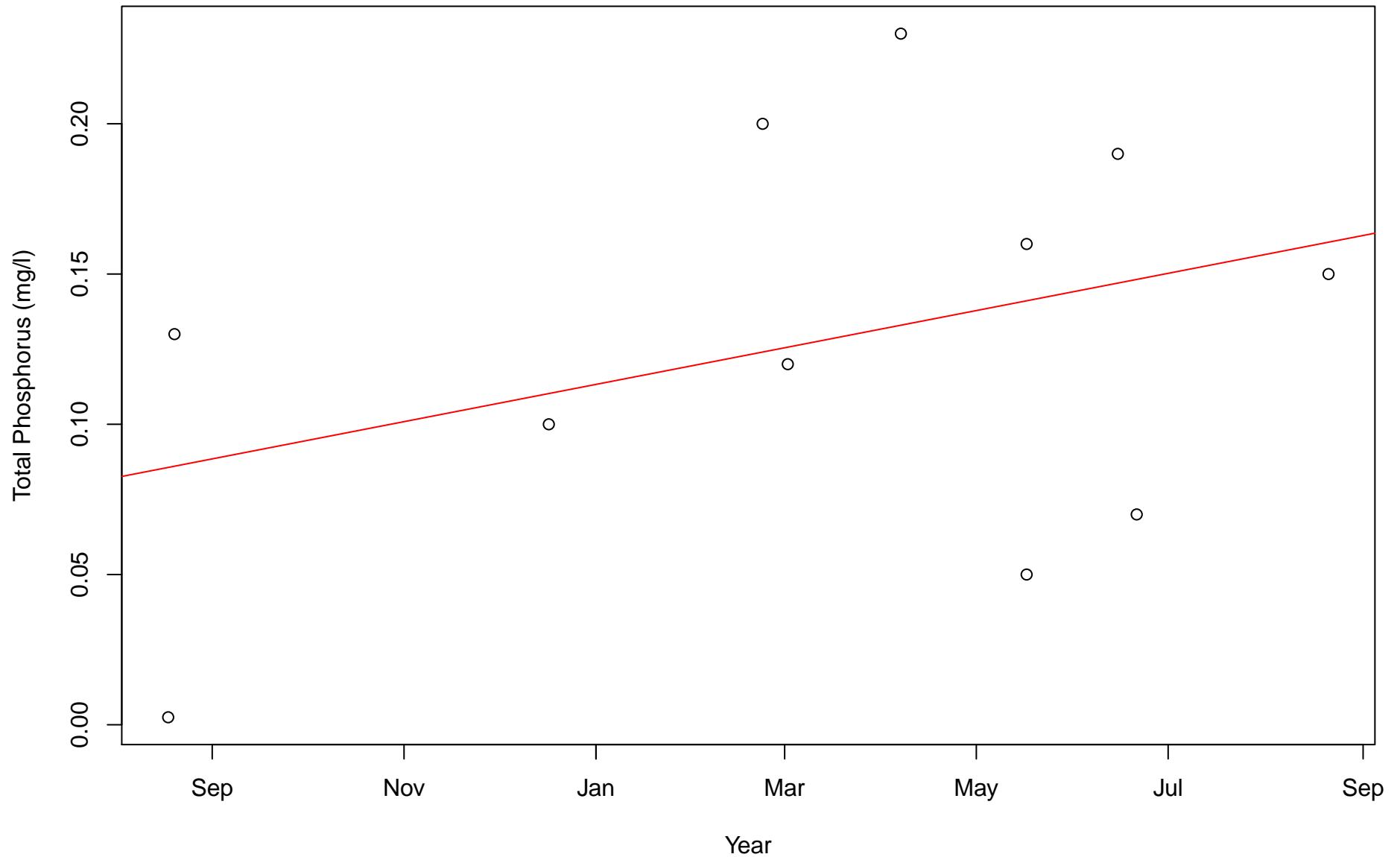
slope = $-7.74211966541478 \times 10^{-5}$; p-value = 0.9941817108388

HO09MSI000036



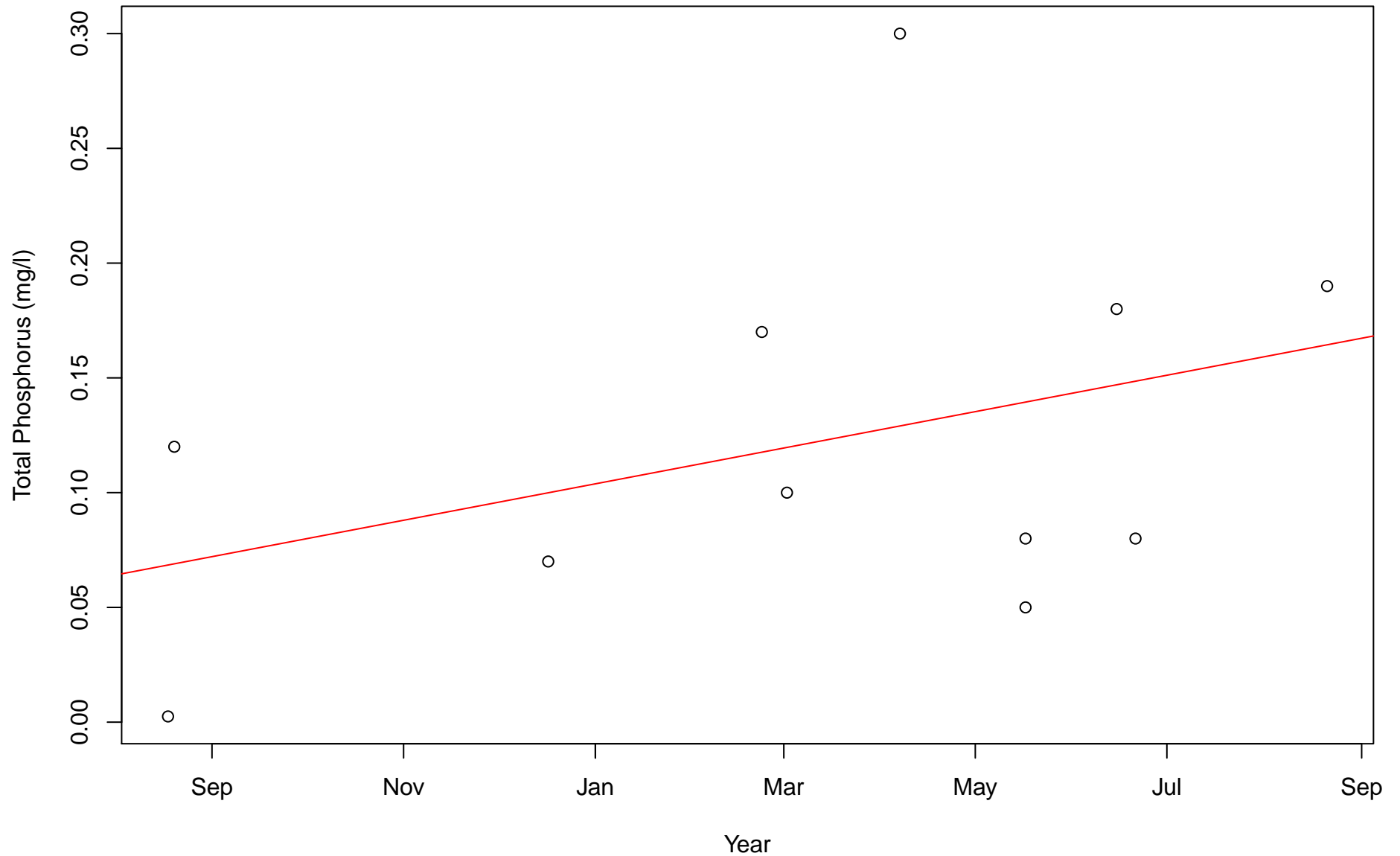
slope = -0.0506222634569316; p-value = 0.140340292552881

HO10MSI000037



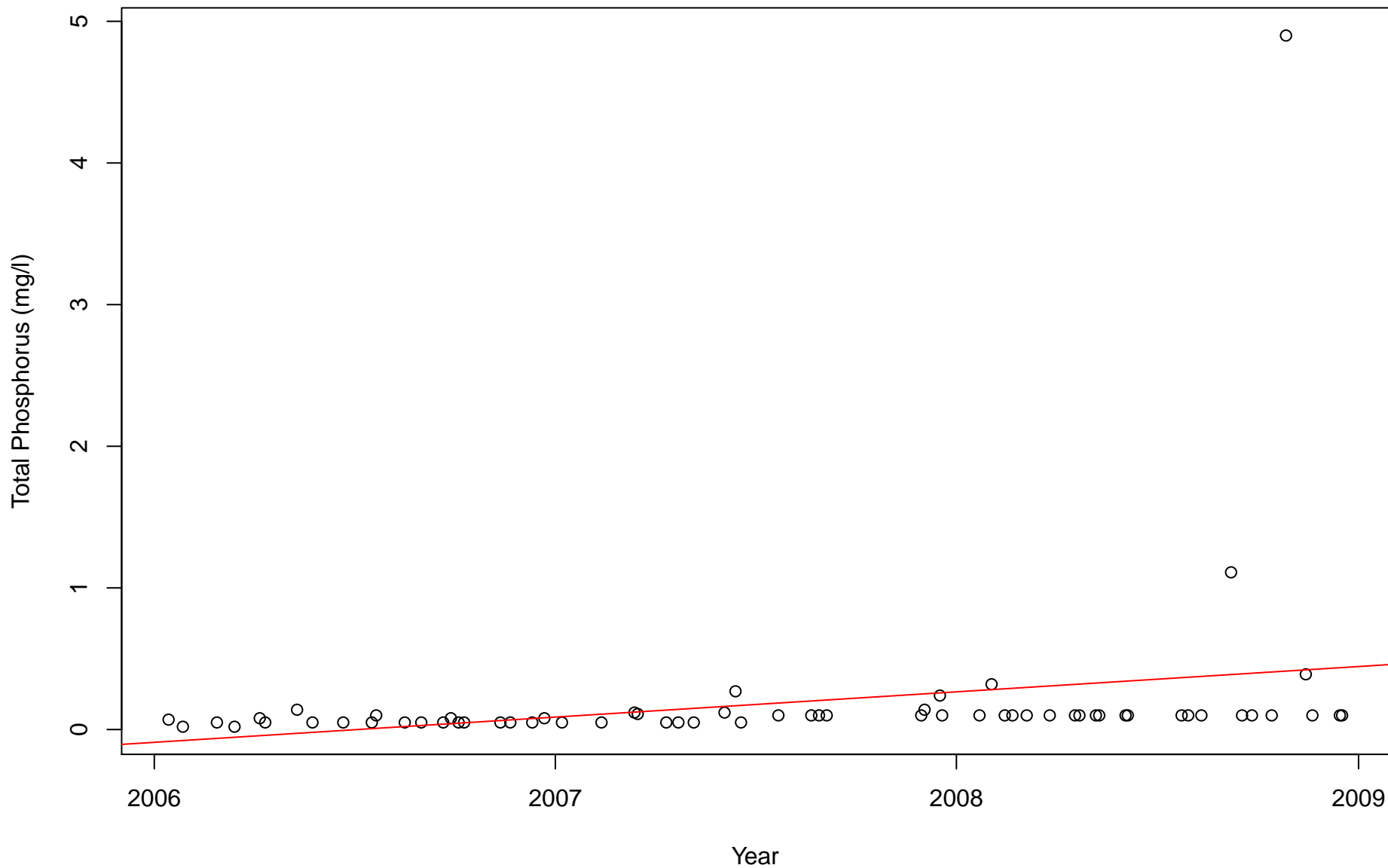
slope = 0.074143821038145; p-value = 0.276896924732905

HO10MSI000038

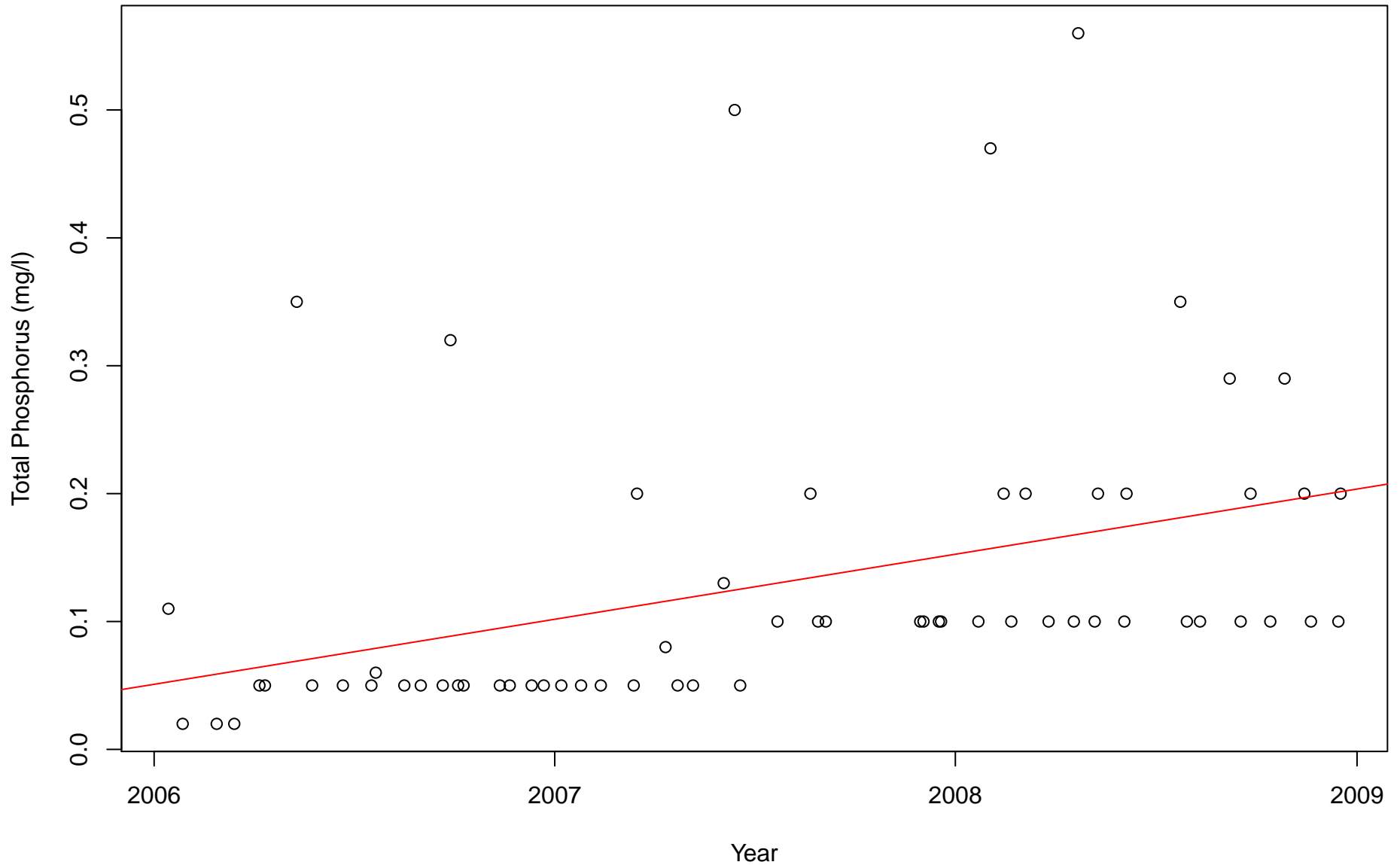


slope = 0.0949077166684199; p-value = 0.245578602540596

MO02MSI000104

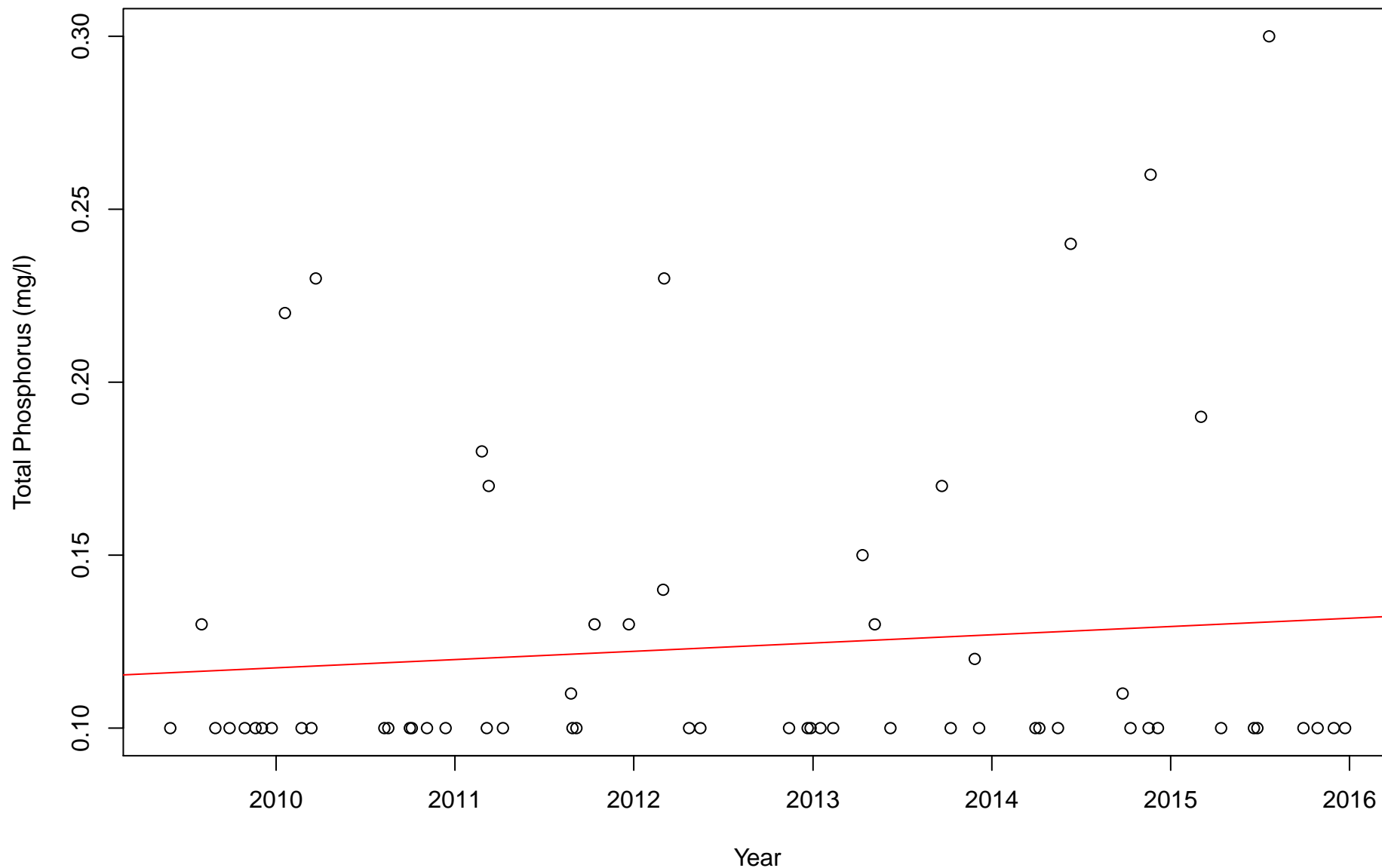


MO02MSI000310



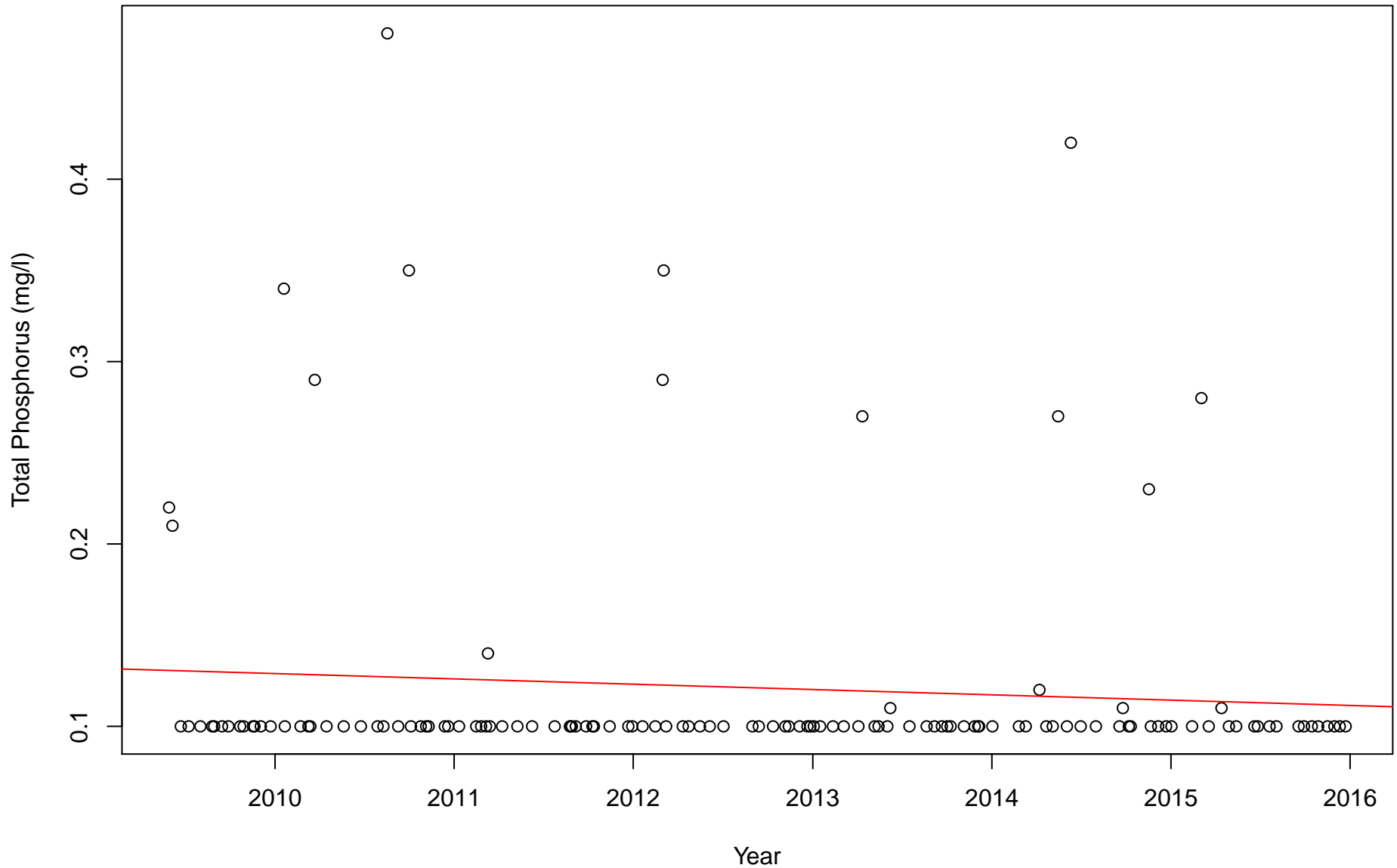
slope = 0.0508494073575708; p-value = 0.00175395168979079

MO09MSI000001



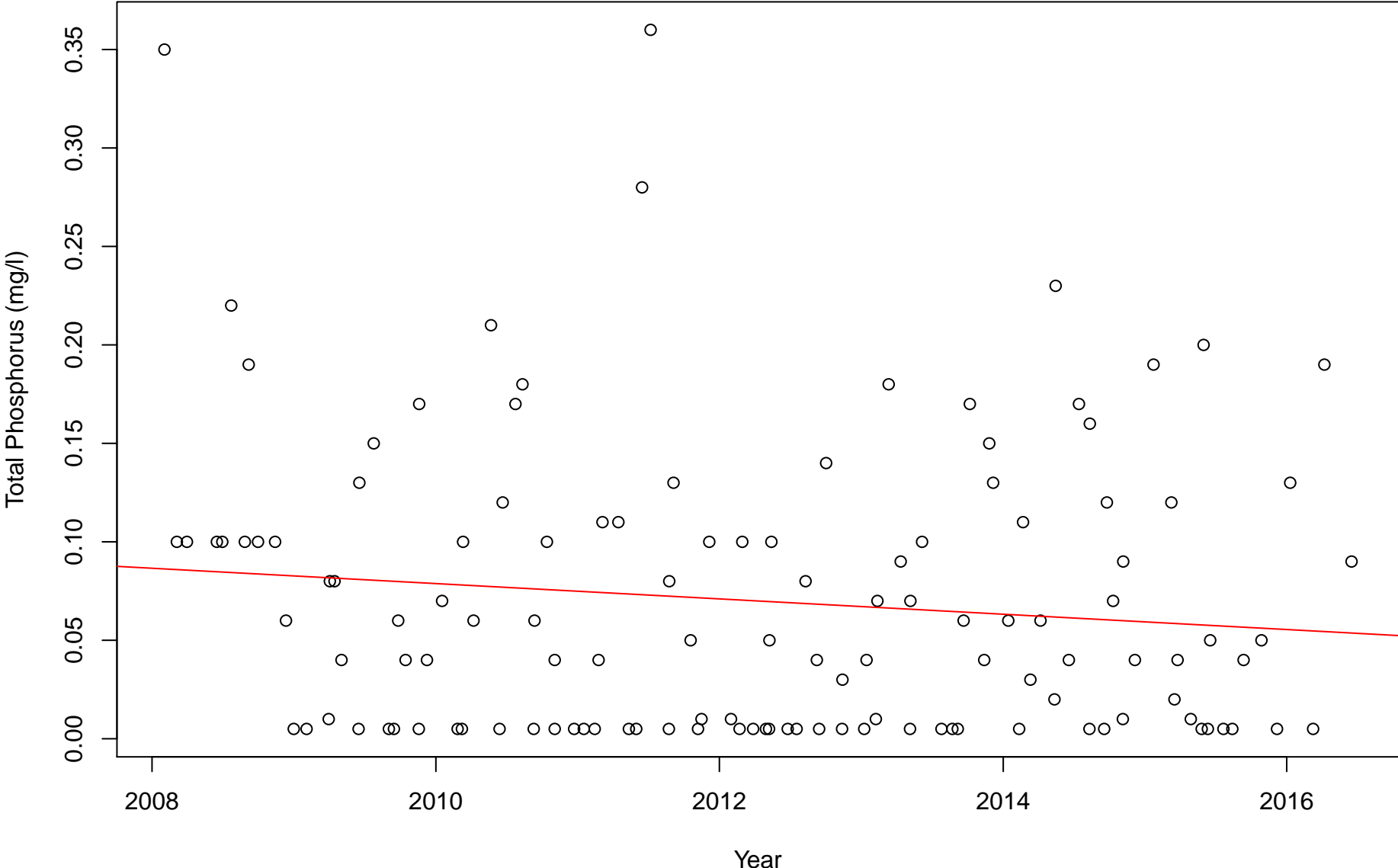
slope = 0.00238790722285604; p-value = 0.425913206152413

MO09MSI000002



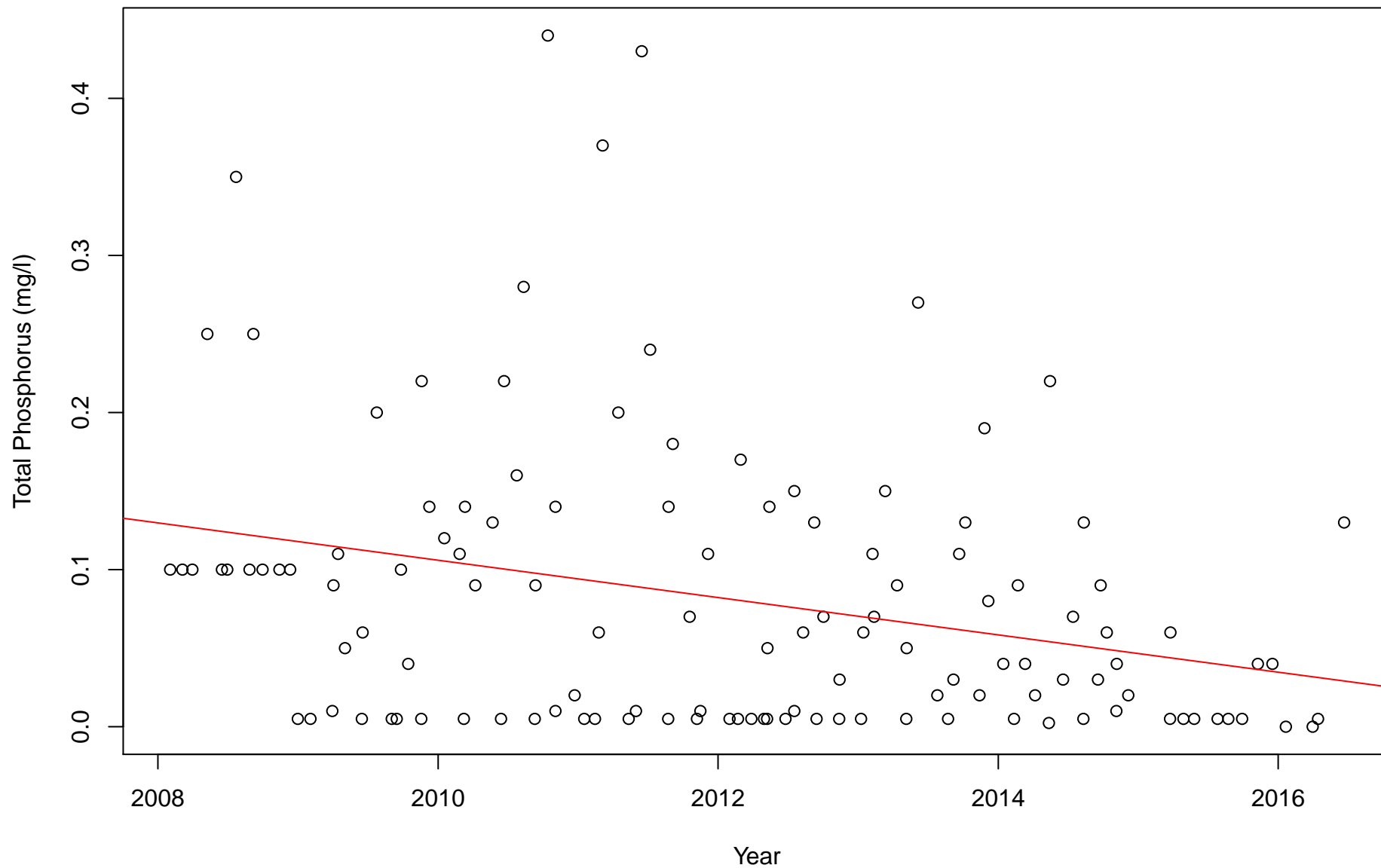
slope = -0.00291073132951146; p-value = 0.330790553137038

PG15MSI000012



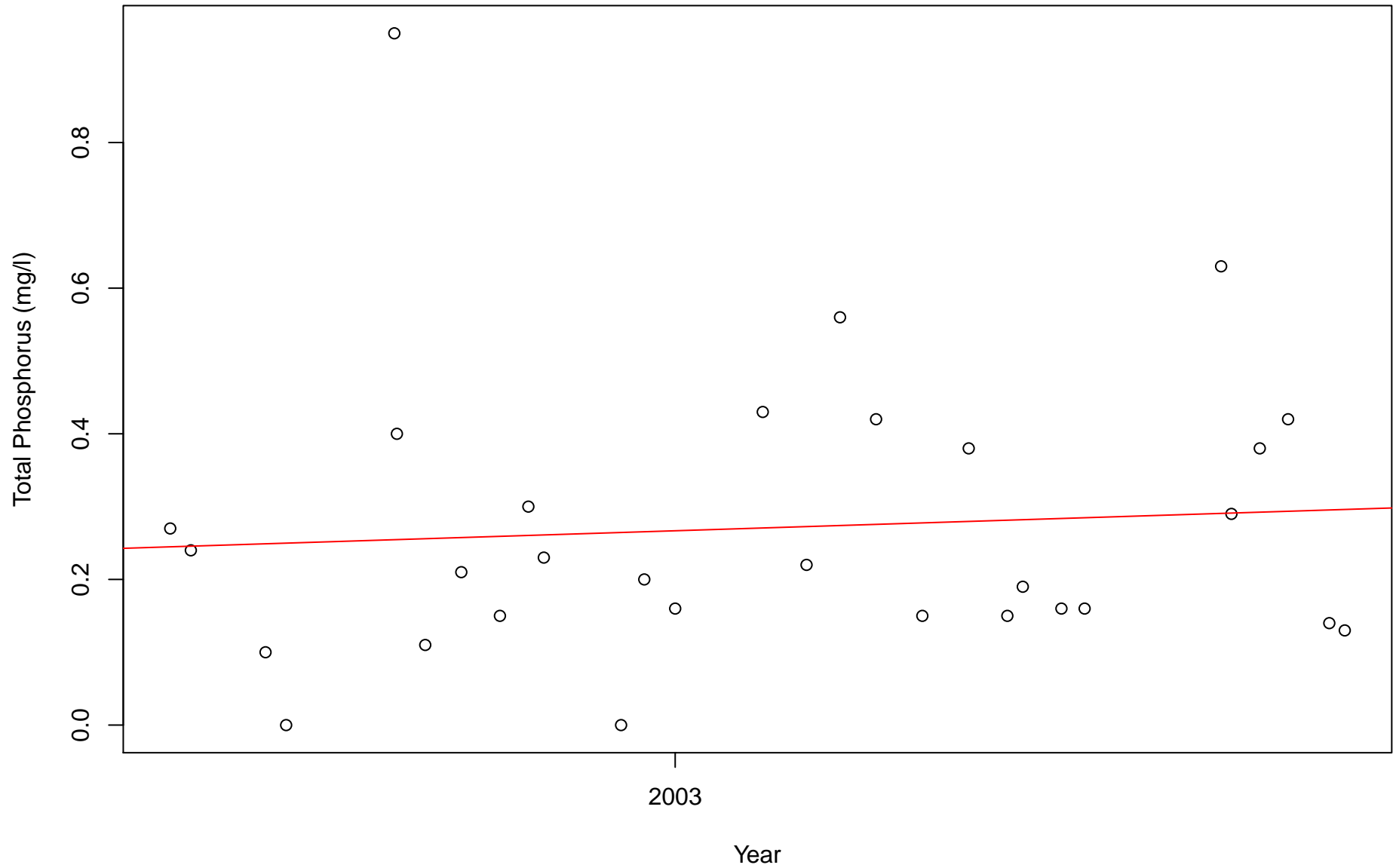
slope = -0.00388800142040801; p-value = 0.174352308331563

PG15MSI000013



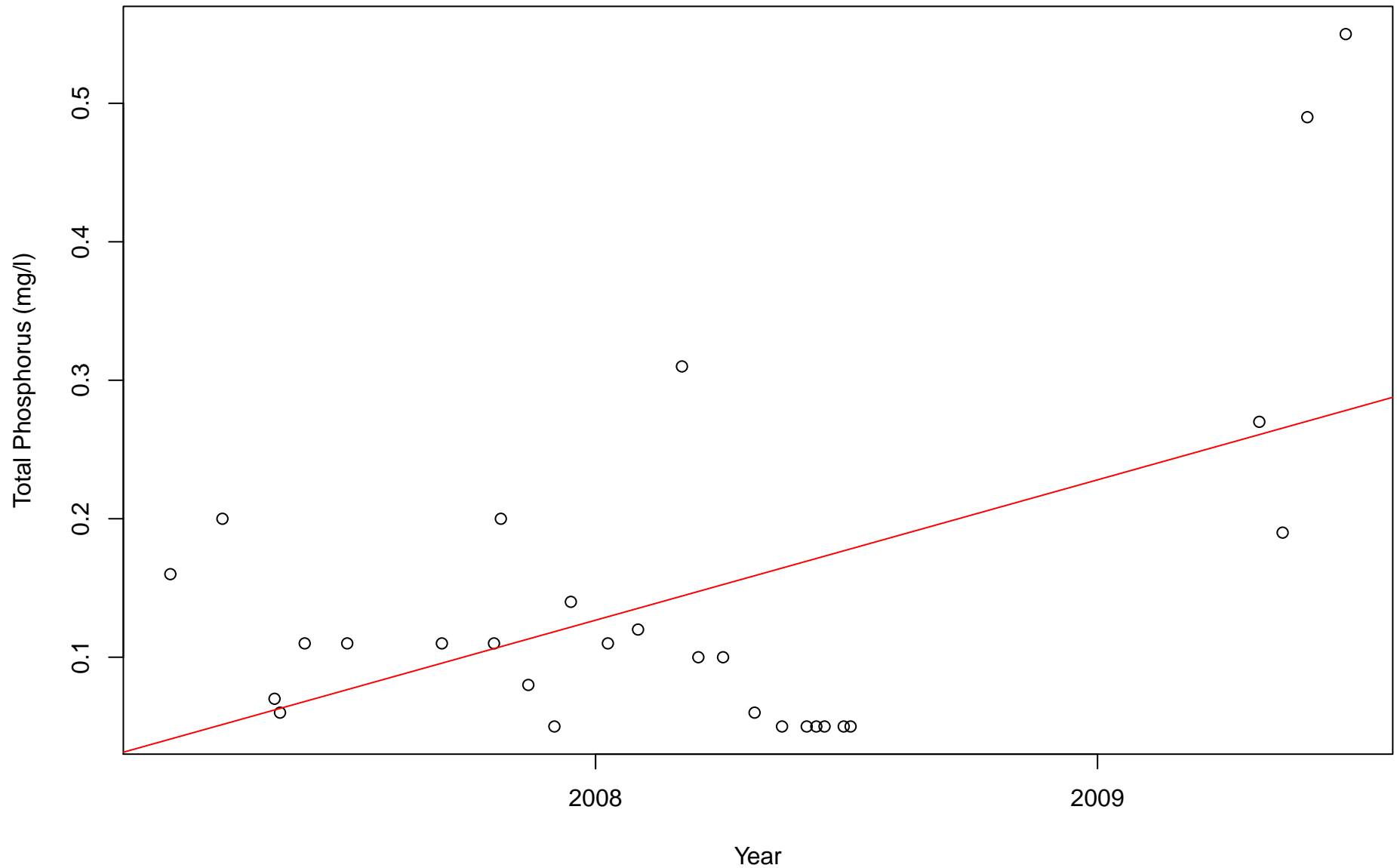
slope = -0.0118721042319117; p-value = 0.000955983523020115

SHA02MSI00MR01



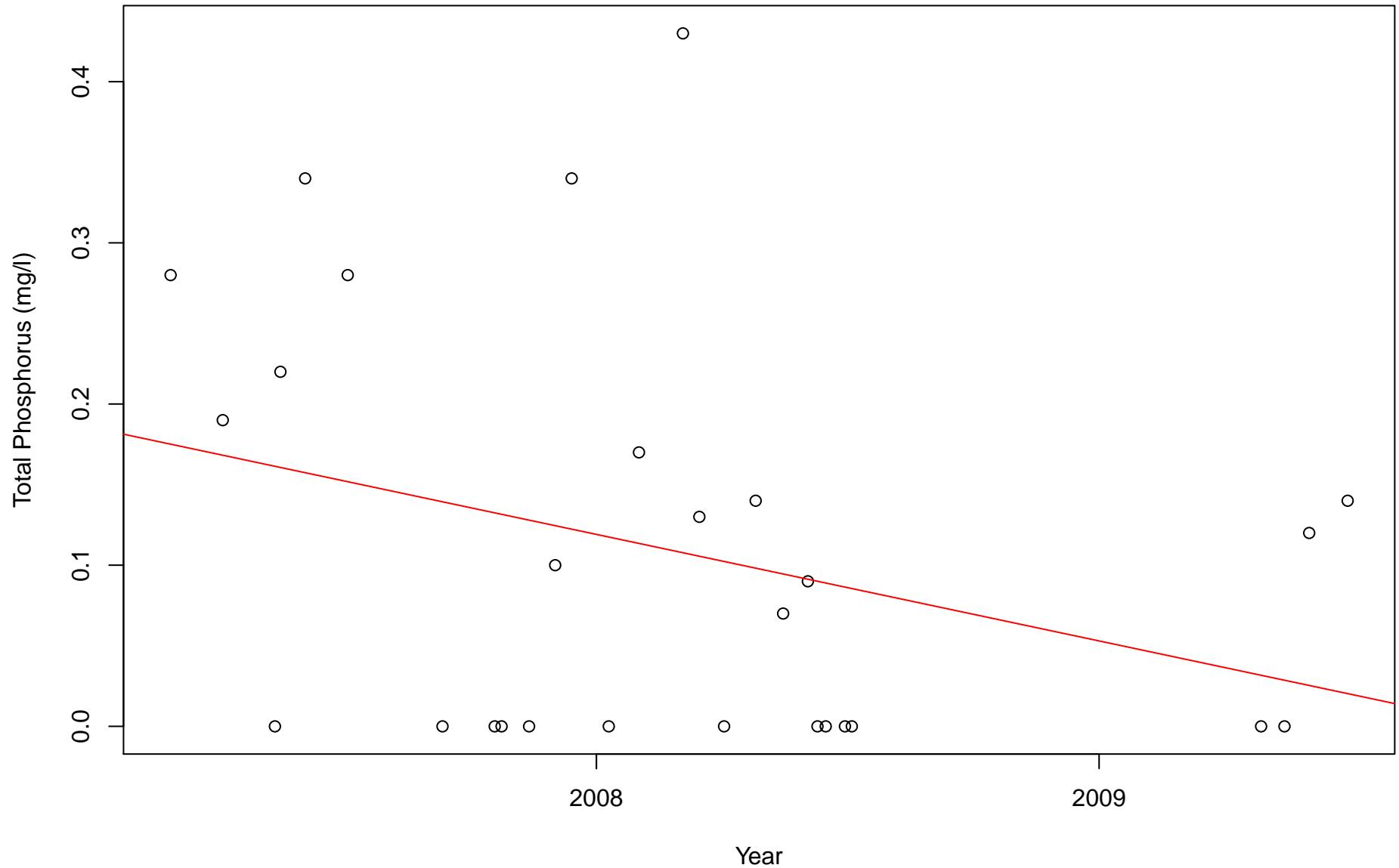
slope = 0.0410636168793326; p-value = 0.670866858418278

SHA04MSI00GS01



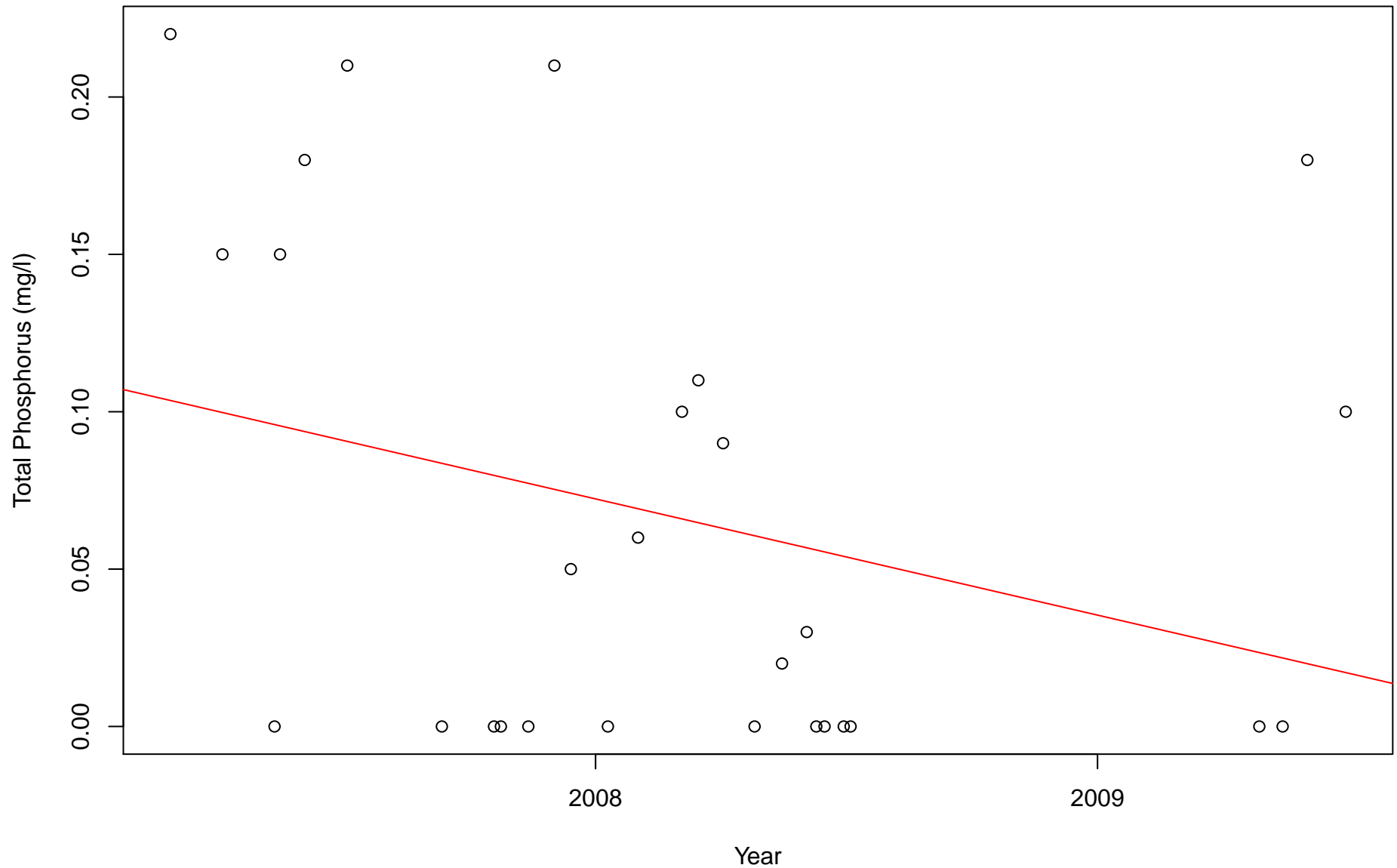
slope = 0.101077244715637; p-value = 0.004378543550126

SHA04MSI00GS02



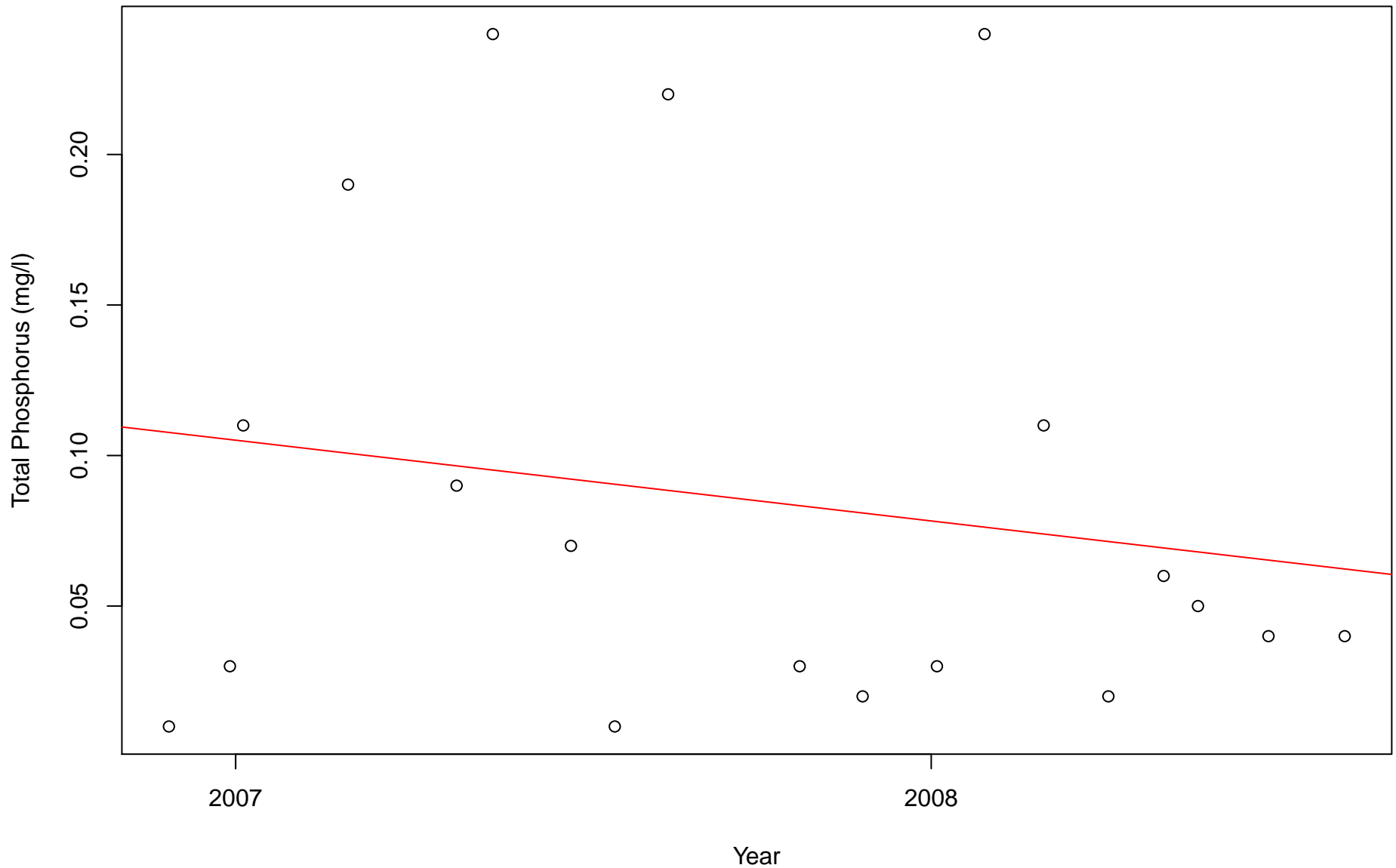
slope = -0.0659243013152732; p-value = 0.0825205588377679

SHA04MSI00GS03



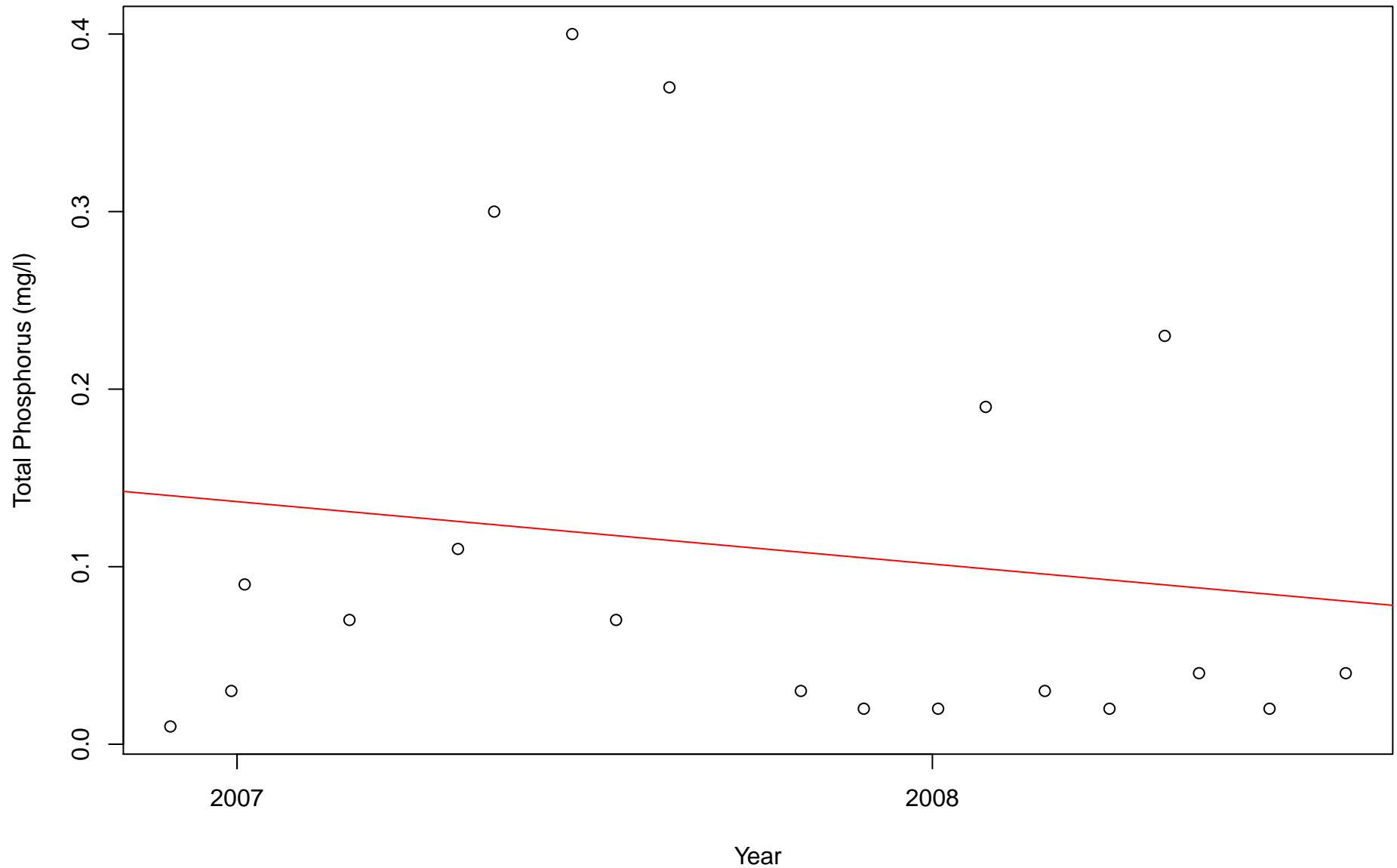
slope = -0.0368260161326094; p-value = 0.117115058585454

SHA06MSI00LD01



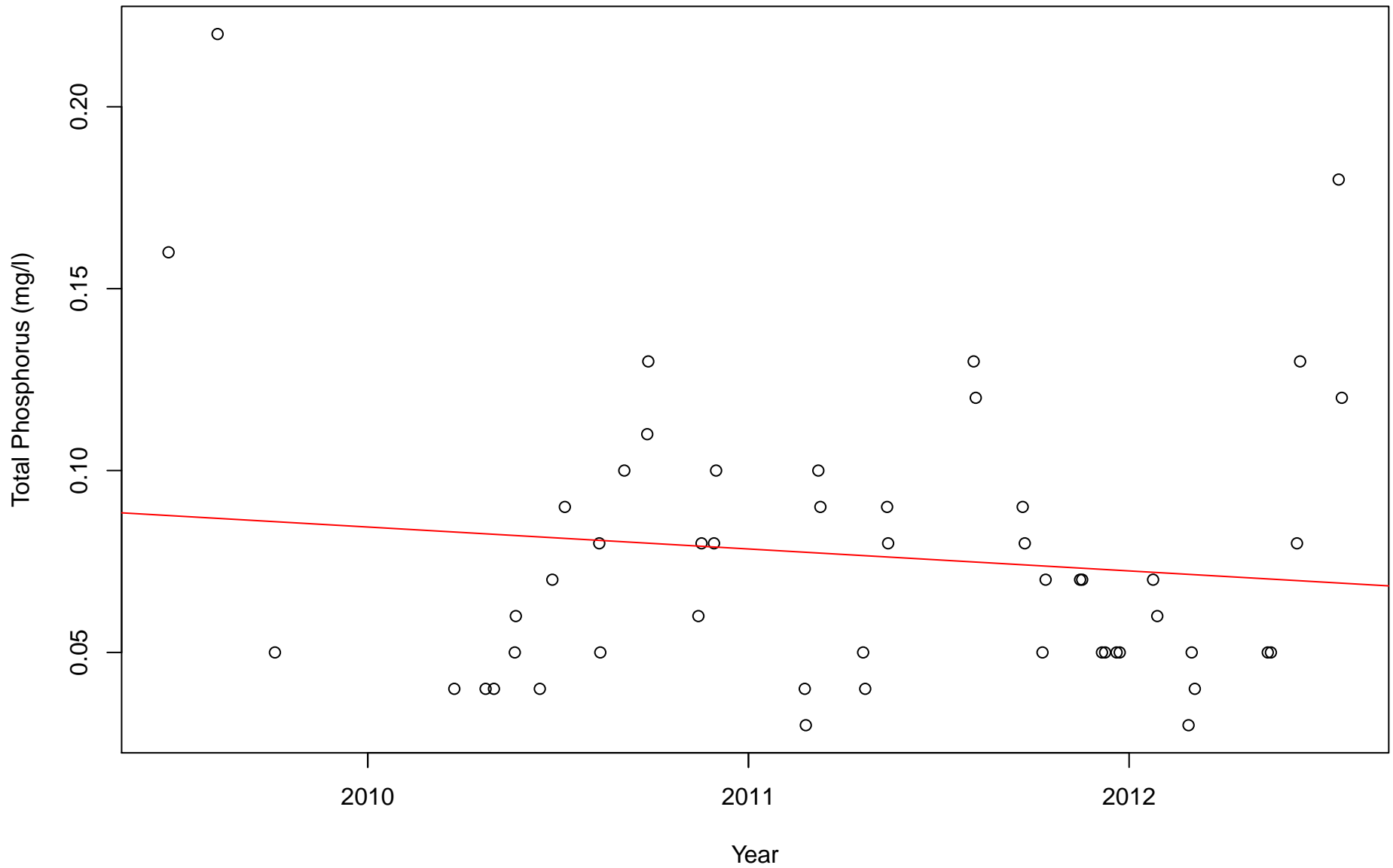
slope = -0.0268278161395119; p-value = 0.454071554513853

SHA06MSI00LD02

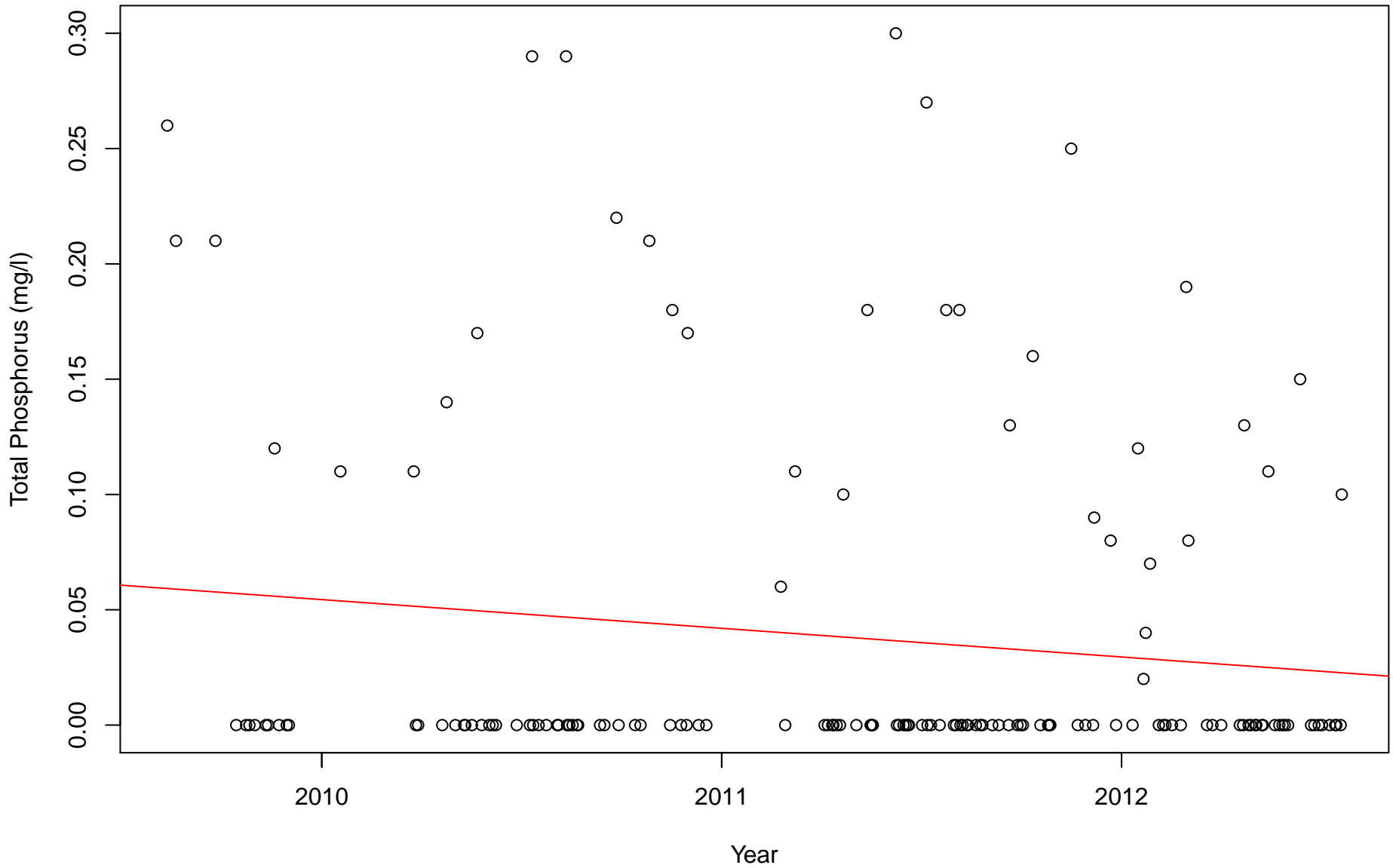


slope = -0.0351442804516541; p-value = 0.536123044940453

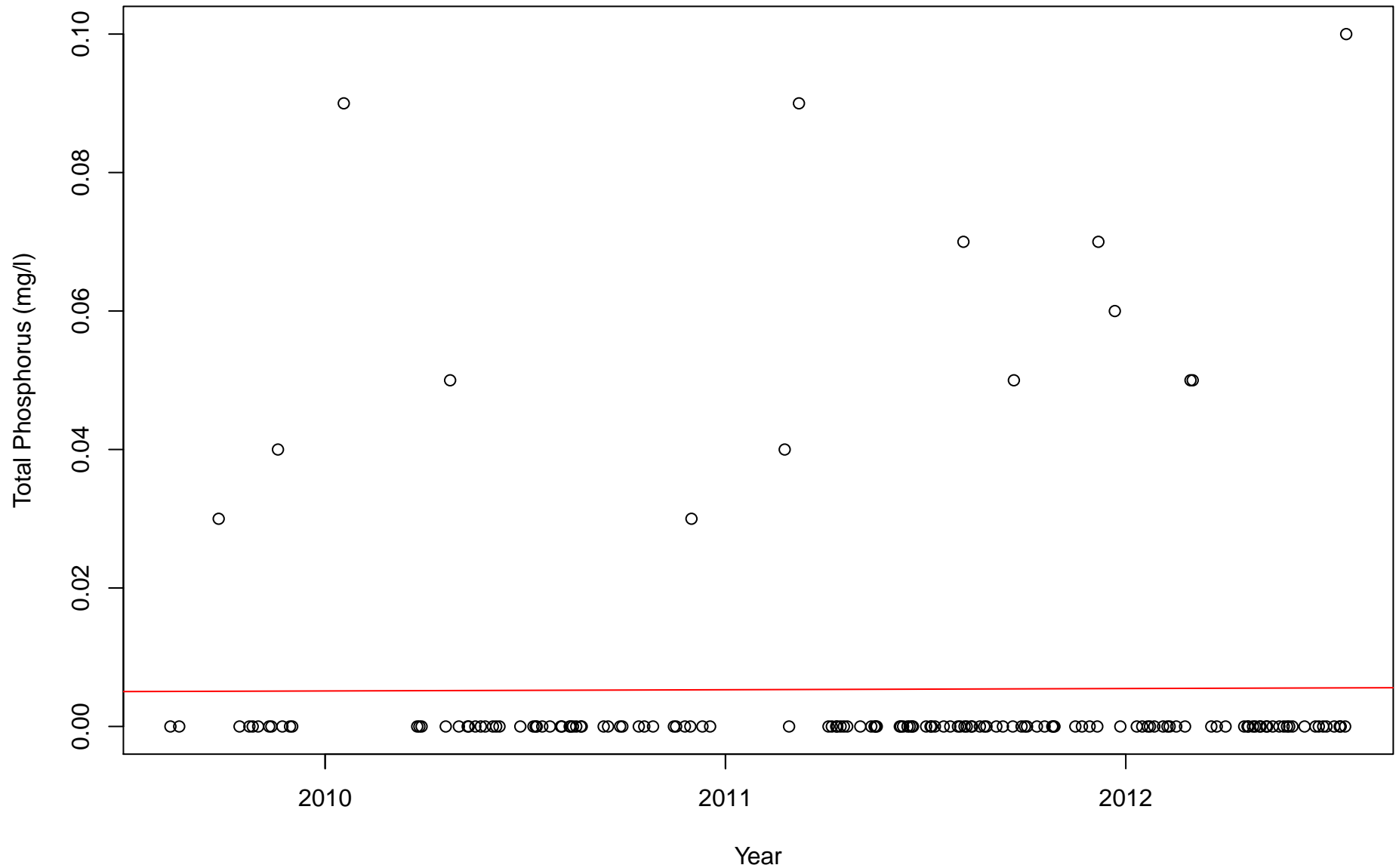
SHA08MSI00WI01



slope = -0.00603424198979052 ; p-value = 0.384471577376205

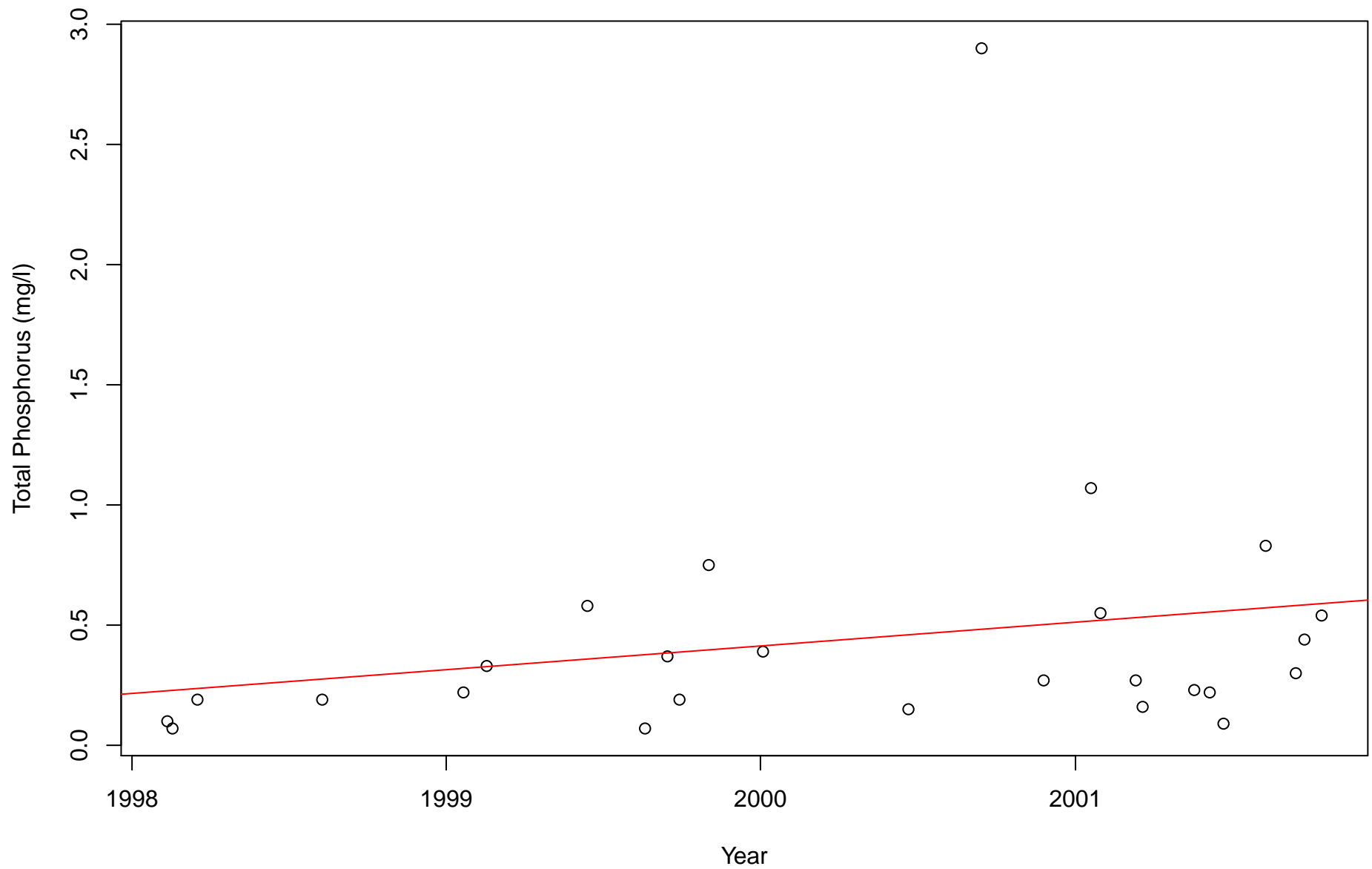
SHA08MSI00WI02

slope = -0.0124418978163438; p-value = 0.0980998537451702

SHA08MSI00WI03

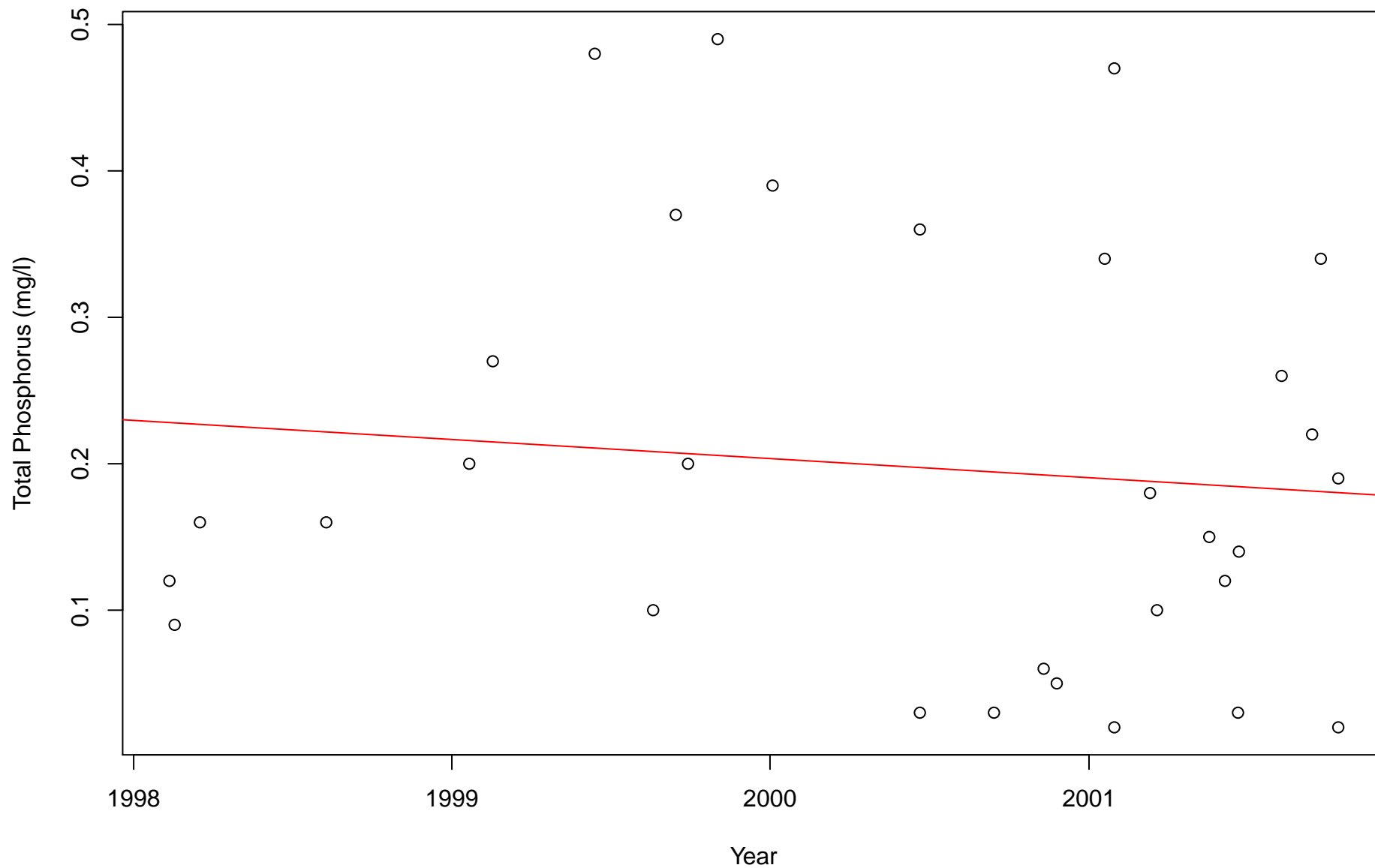
slope = 0.000174905450925294; p-value = 0.922952255123497

SHA98MSI00PS01



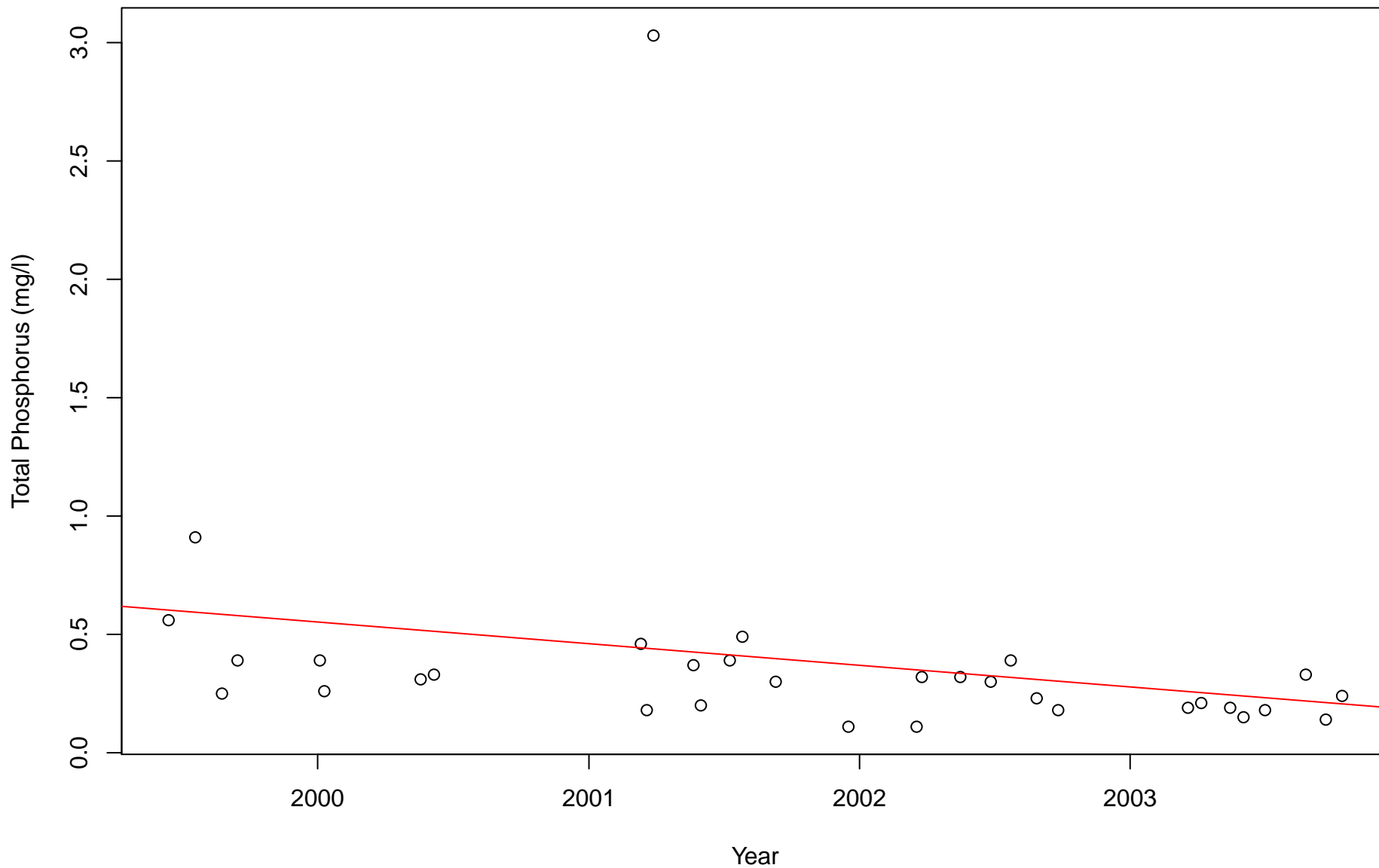
slope = 0.0987090054282254; p-value = 0.293217716327754

SHA98MSI00PS02



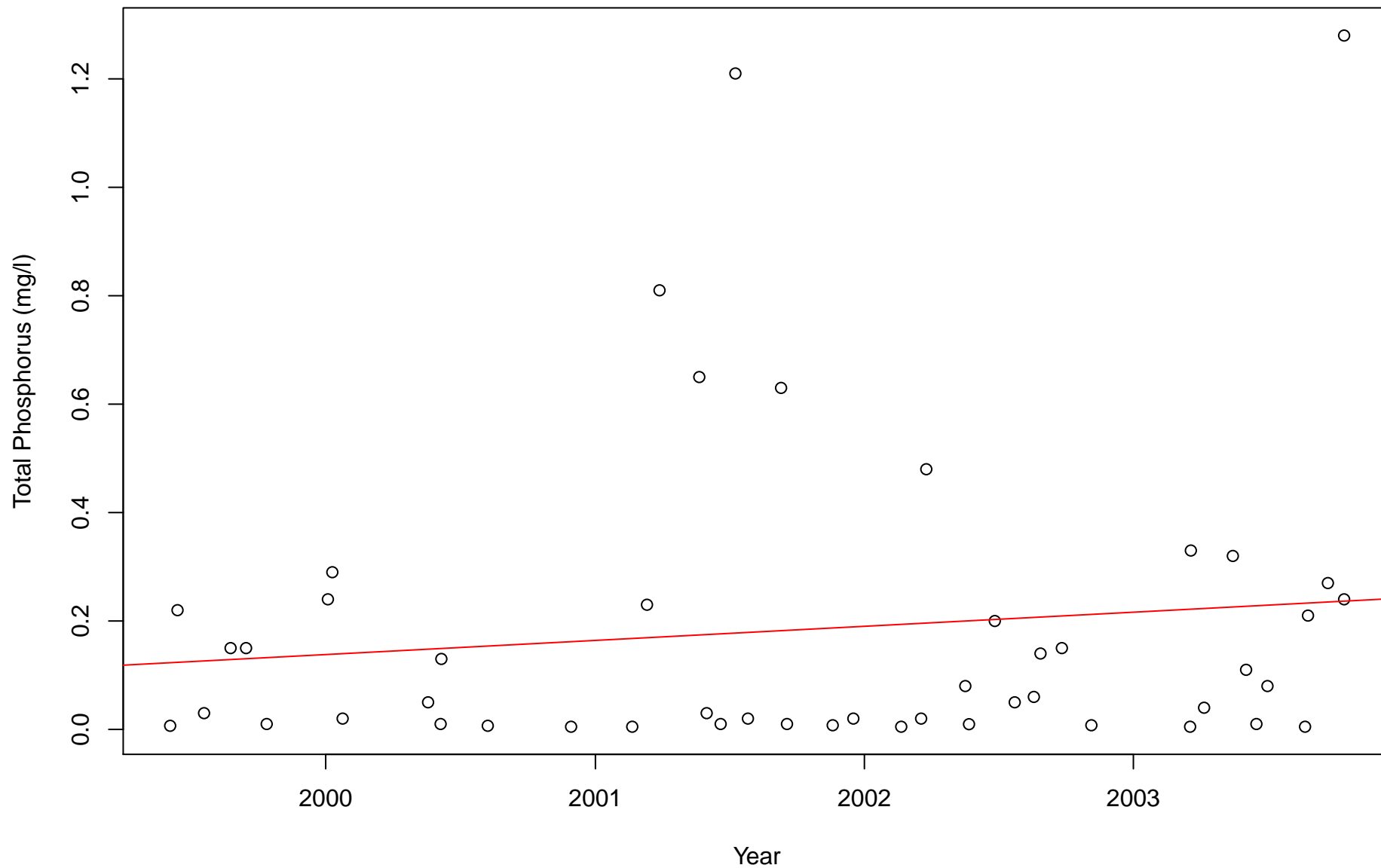
slope = -0.0130313354171869; p-value = 0.571031648102385

SHA99MSI00DV01

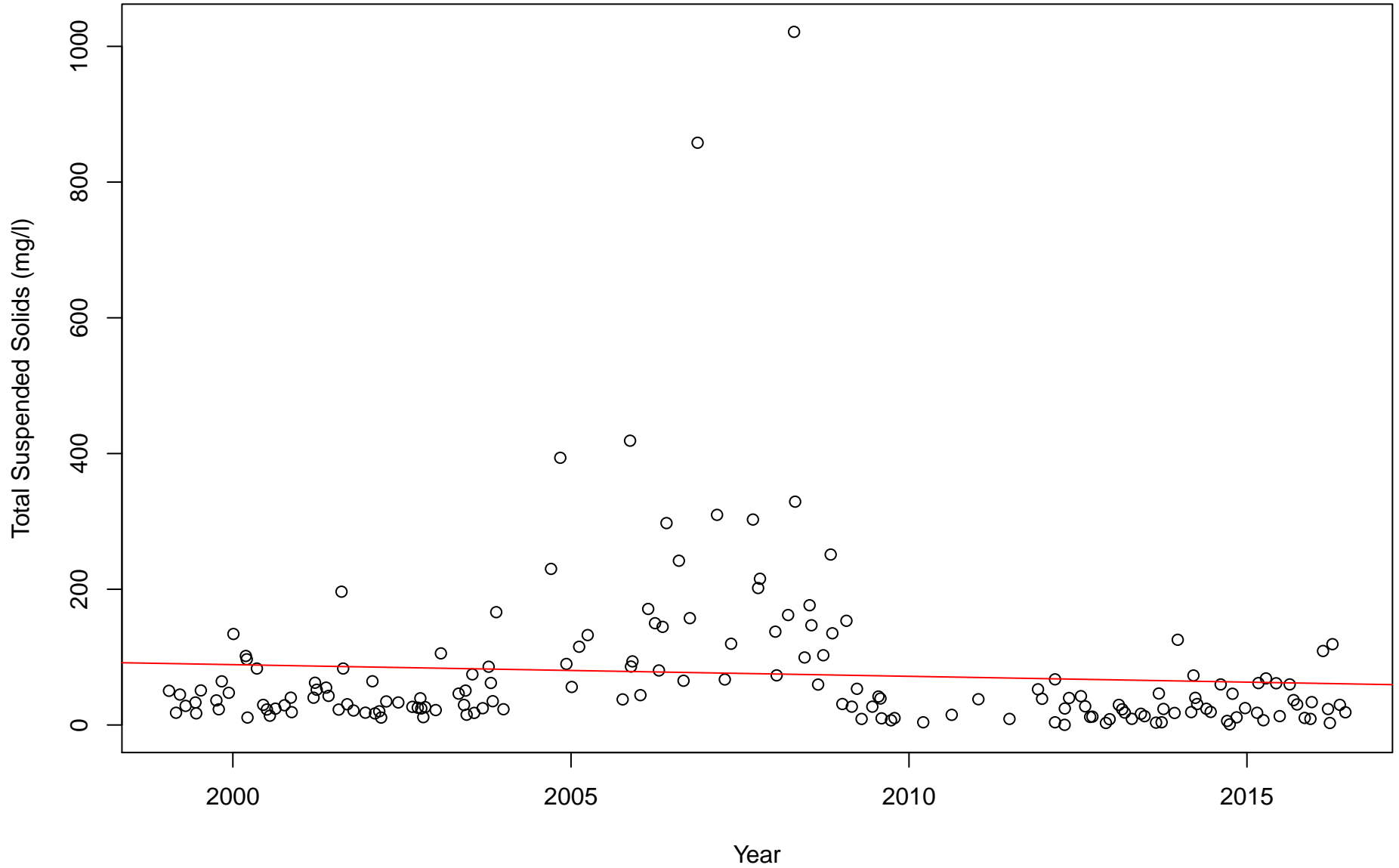


slope = -0.0913551991417262 ; p-value = 0.173898767284658

SHA99MSI00DV02

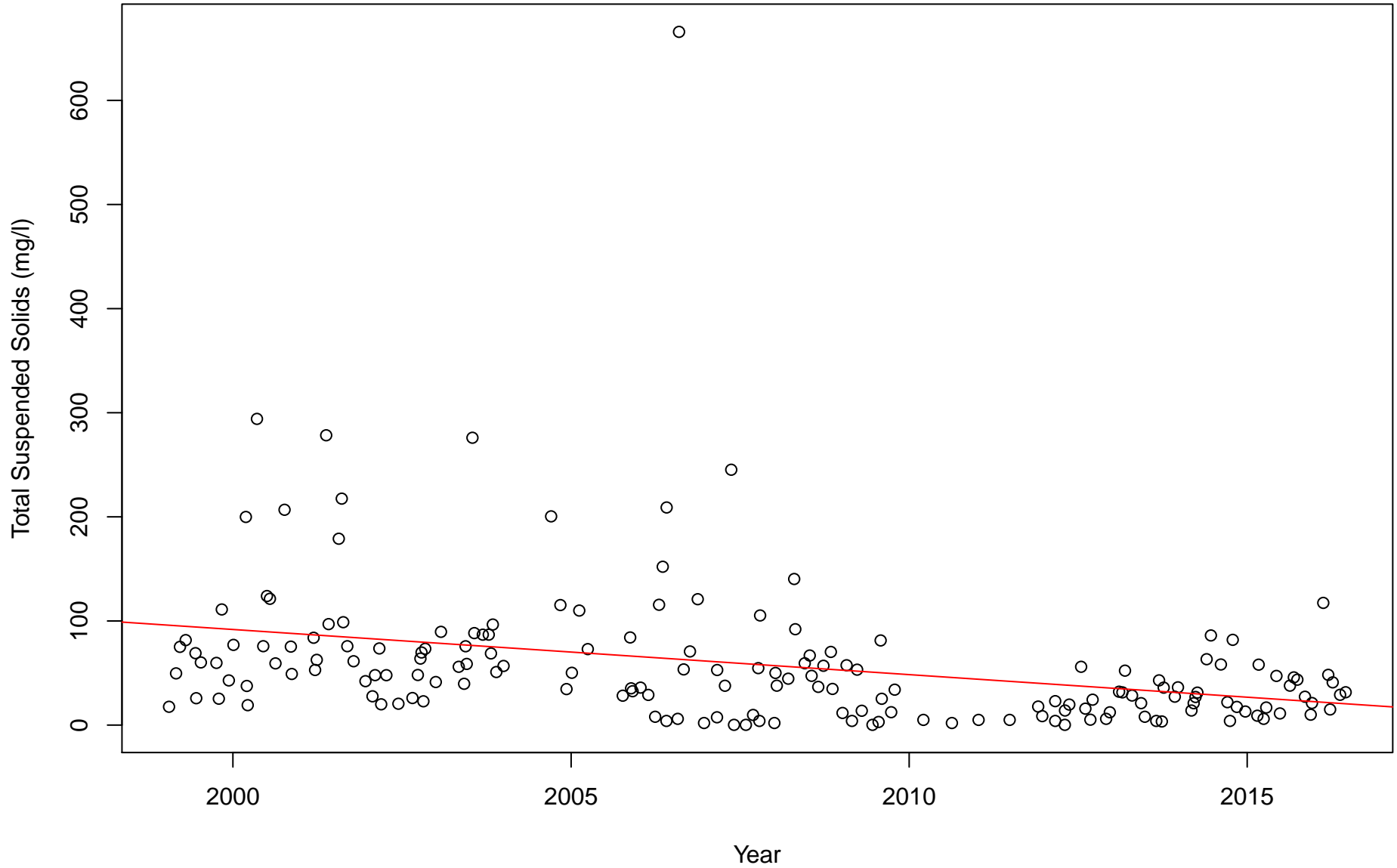


AA94MSI000008



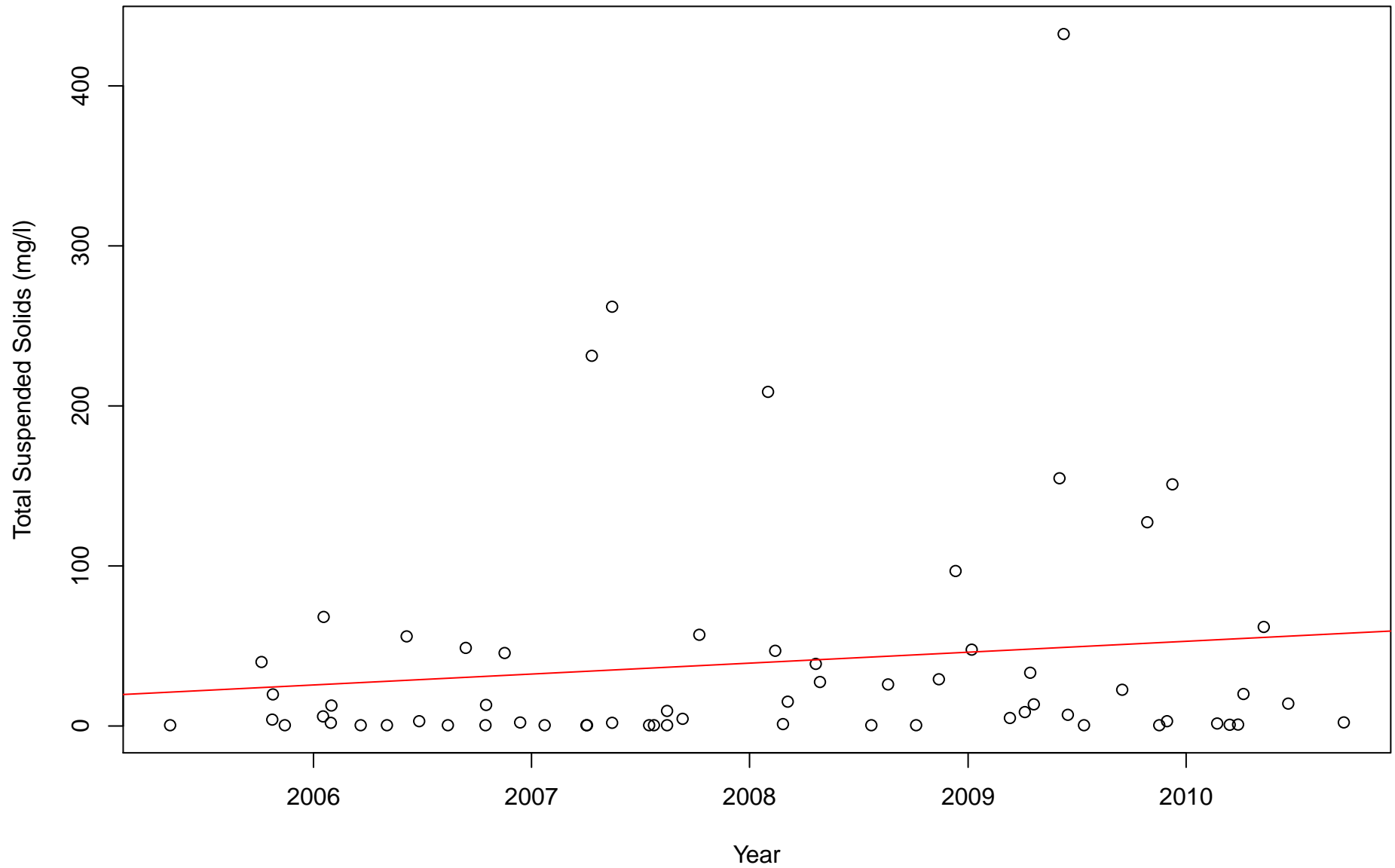
slope = -1.71679975220238 ; p-value = 0.320758927540667

AA94MSI000009



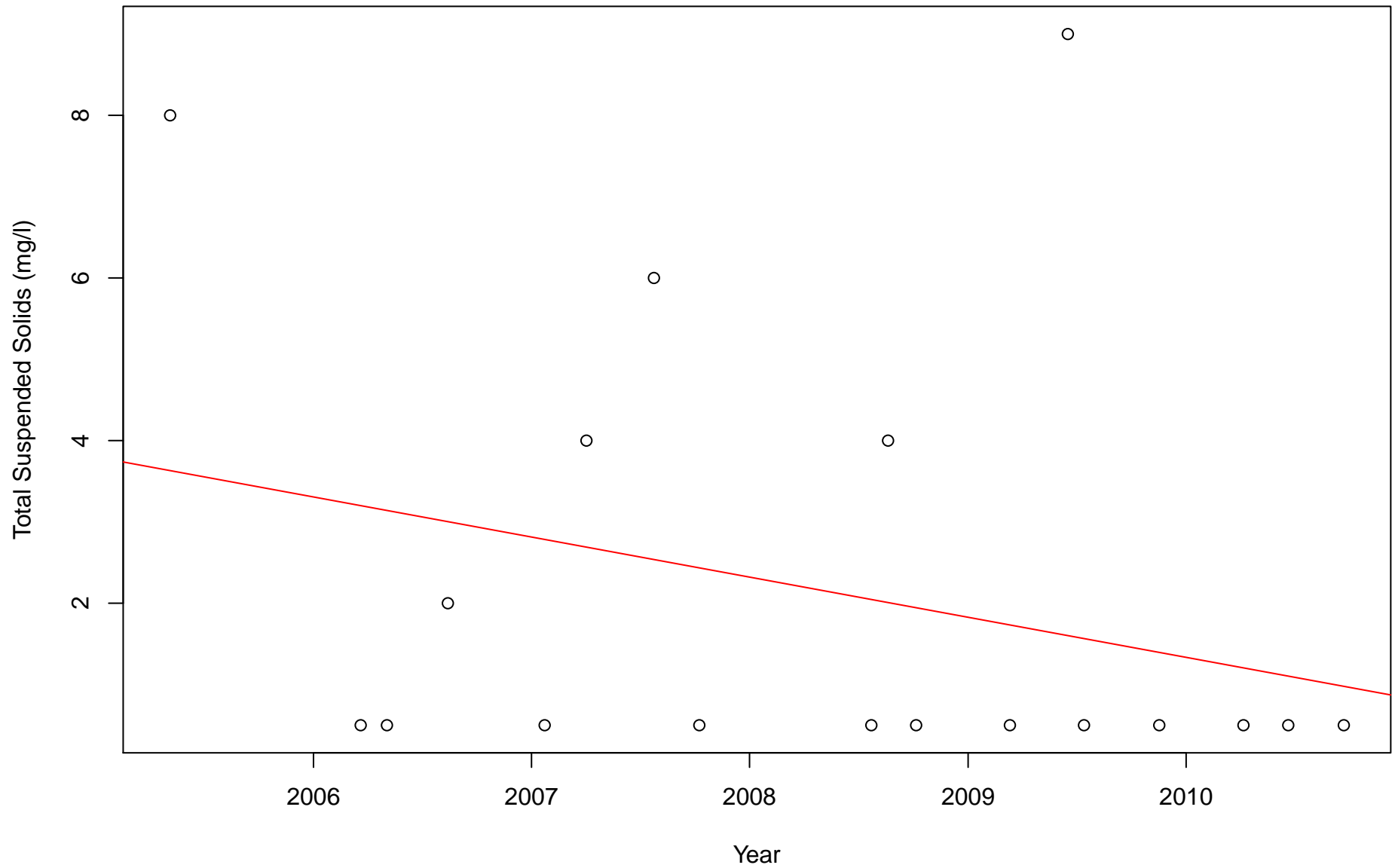
slope = -4.33213303508604 ; p-value = $1.19997952469541\text{e-}05$

BA05MSI000SL01



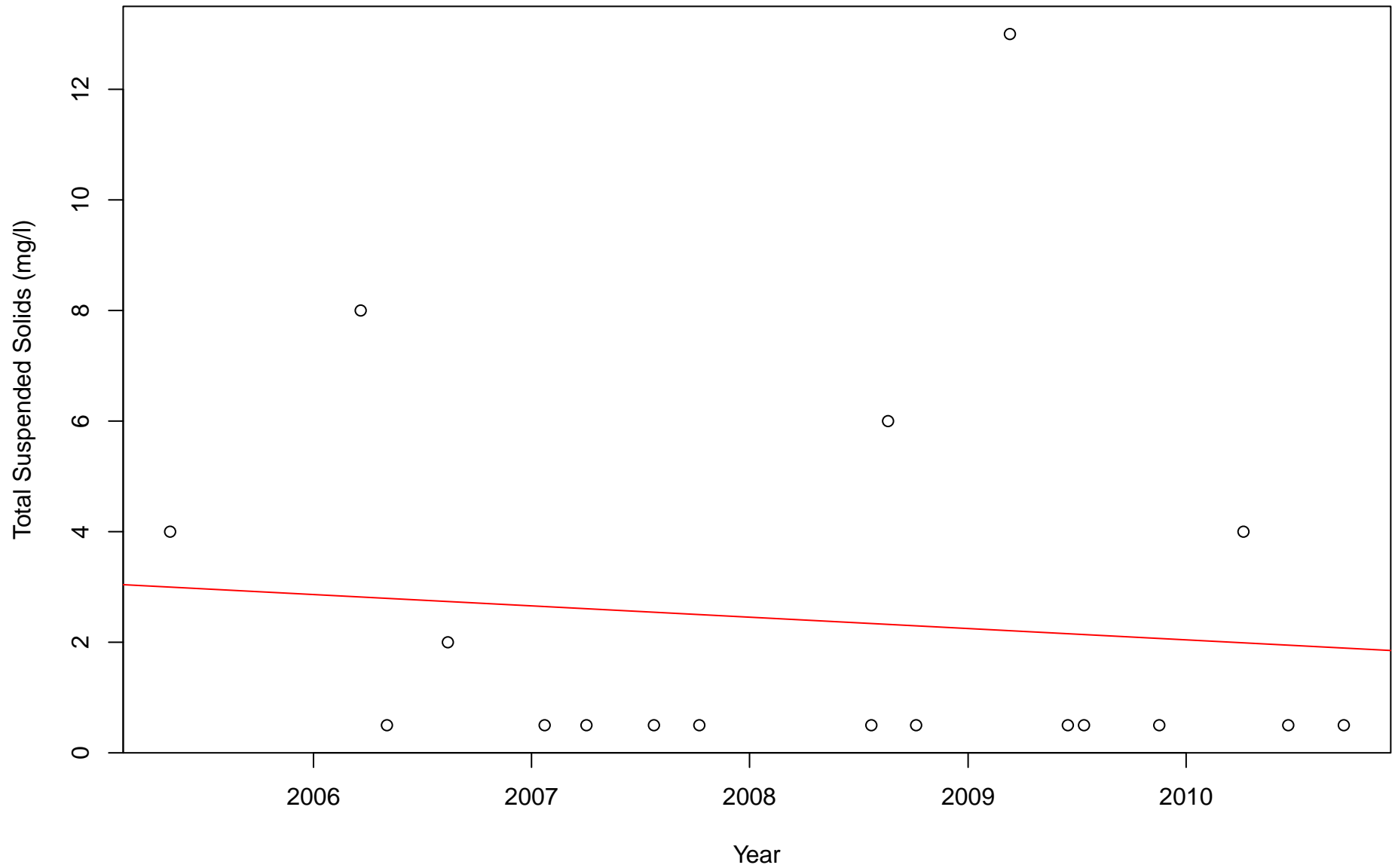
slope = 6.81792500697512; p-value = 0.292983507761572

BA05MSI000SL02



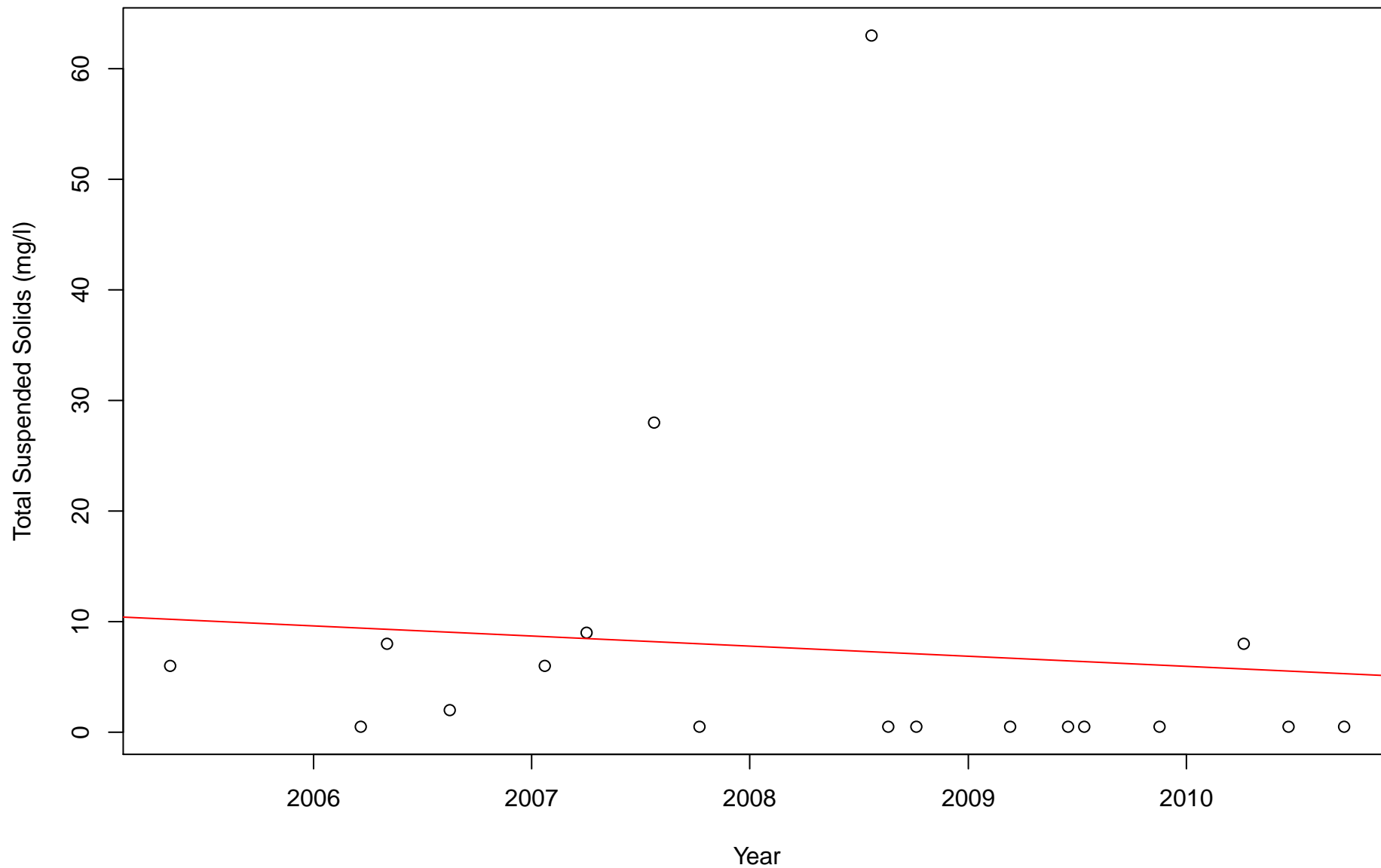
slope = -0.492802714441108 ; p-value = 0.257538242265754

BA05MSI000SL03



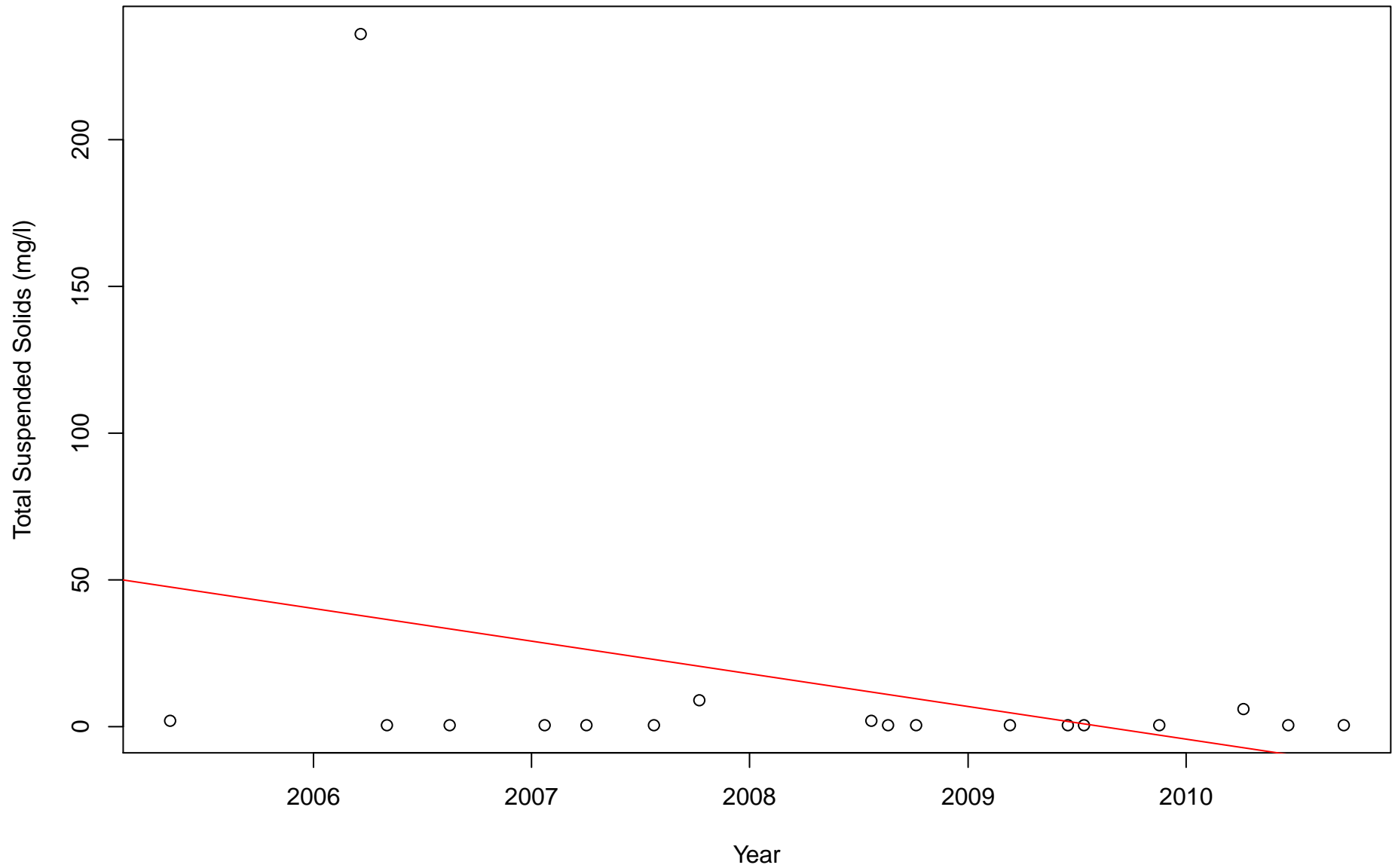
slope = -0.204744008336215 ; p-value = 0.707486611598448

BA05MSI000SL04



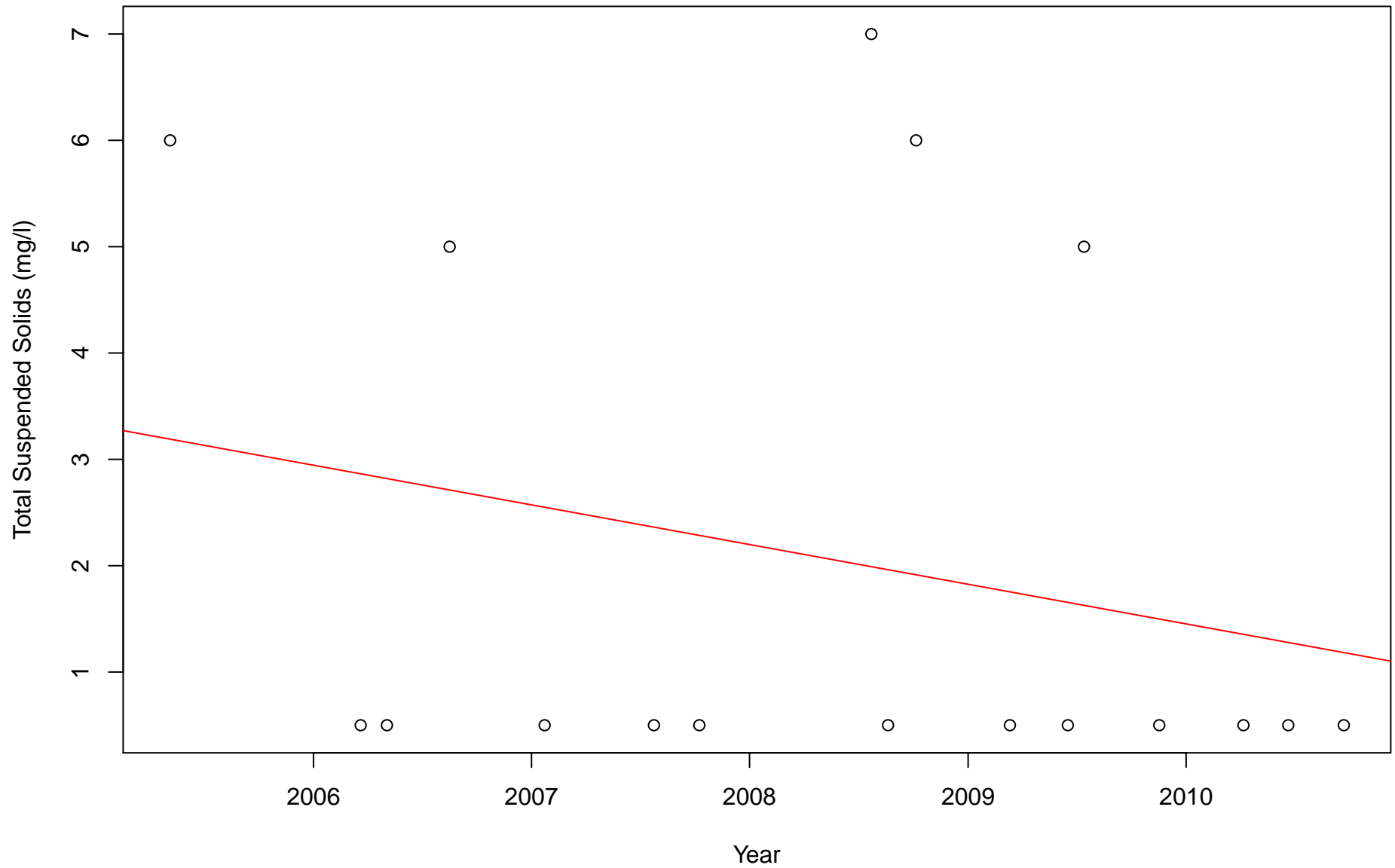
slope = -0.913270677725683 ; p-value = 0.705623659347825

BA05MSI000SL05

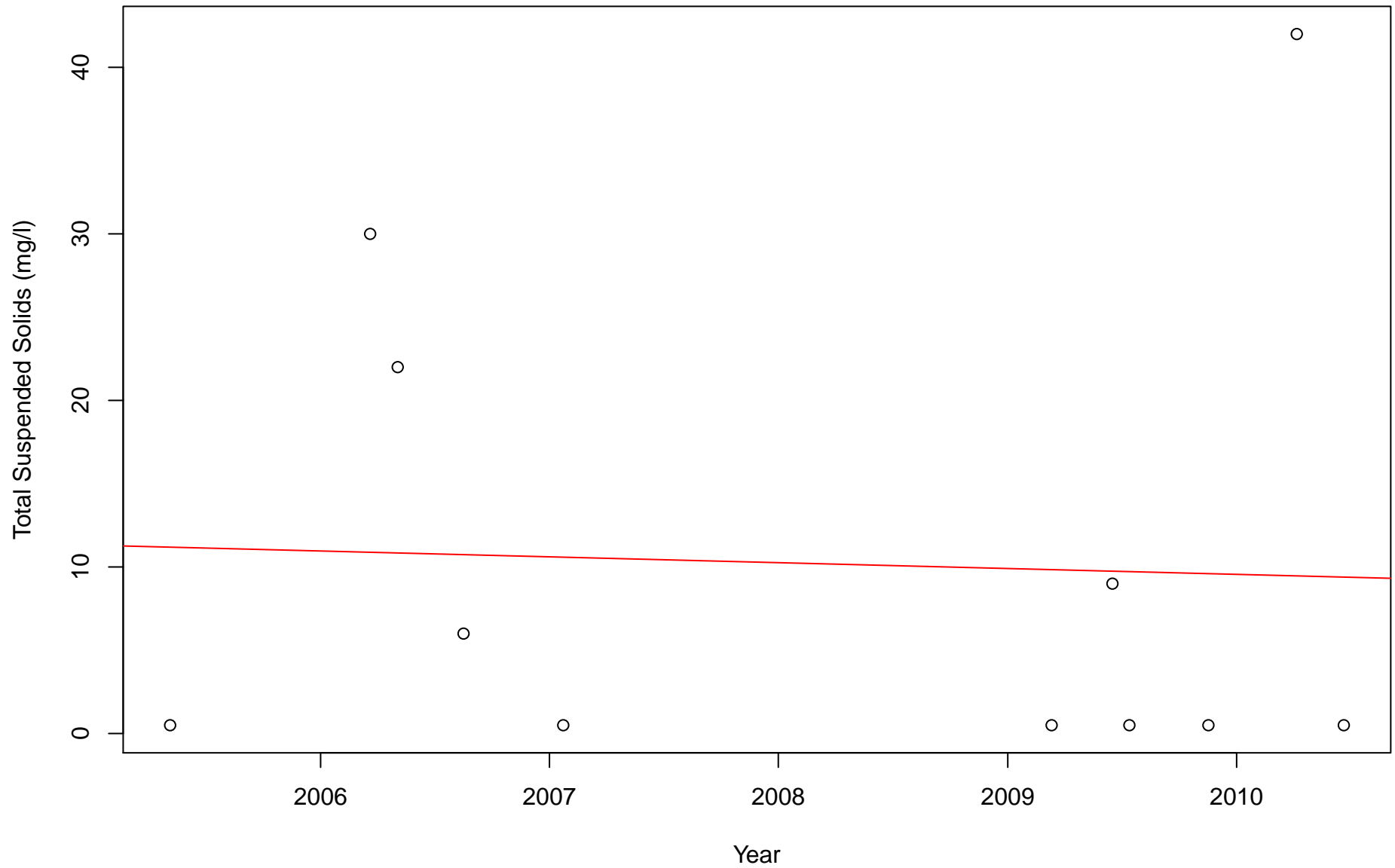


slope = -11.1231826895657 ; p-value = 0.189170916195879

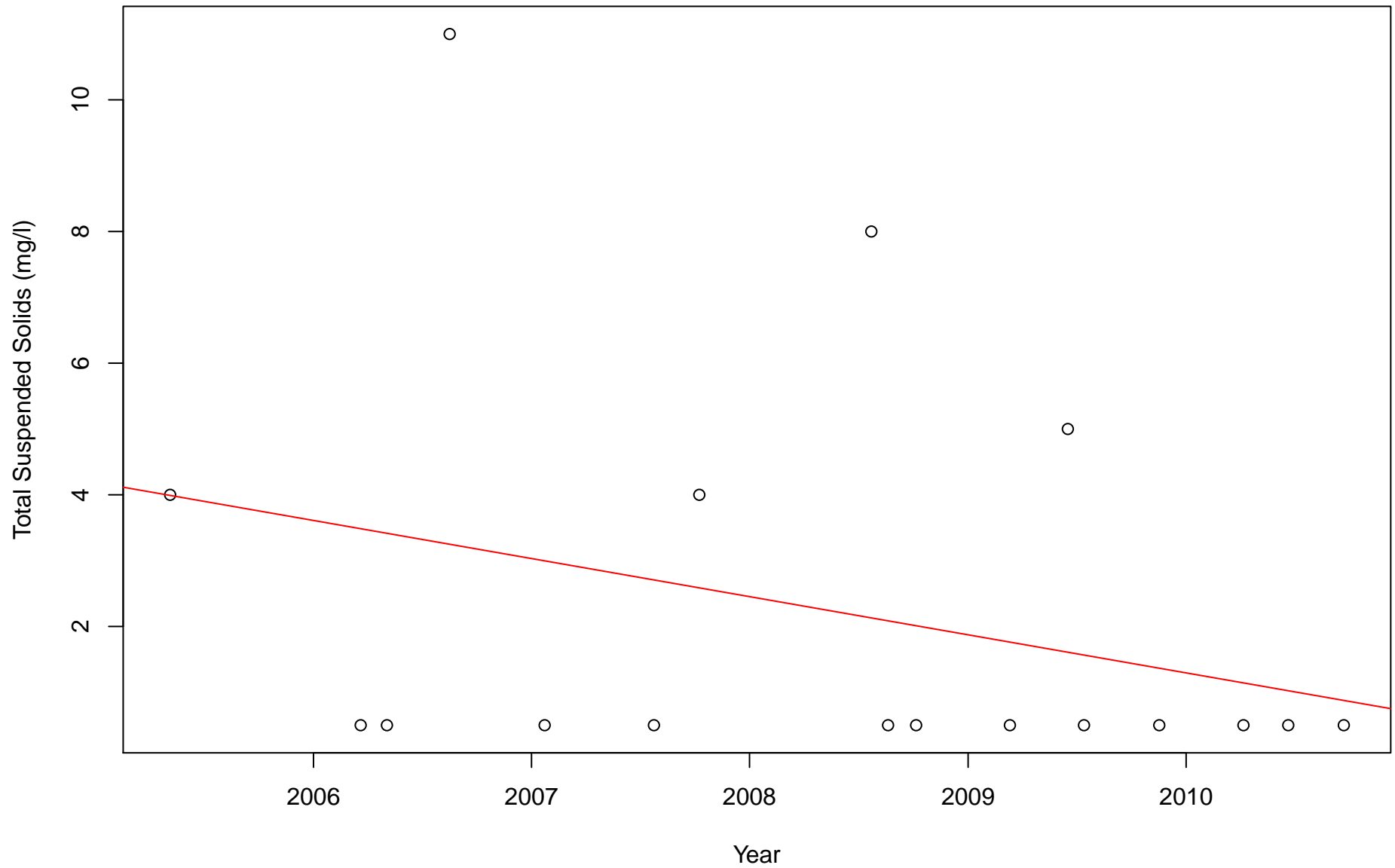
BA05MSI000SL06



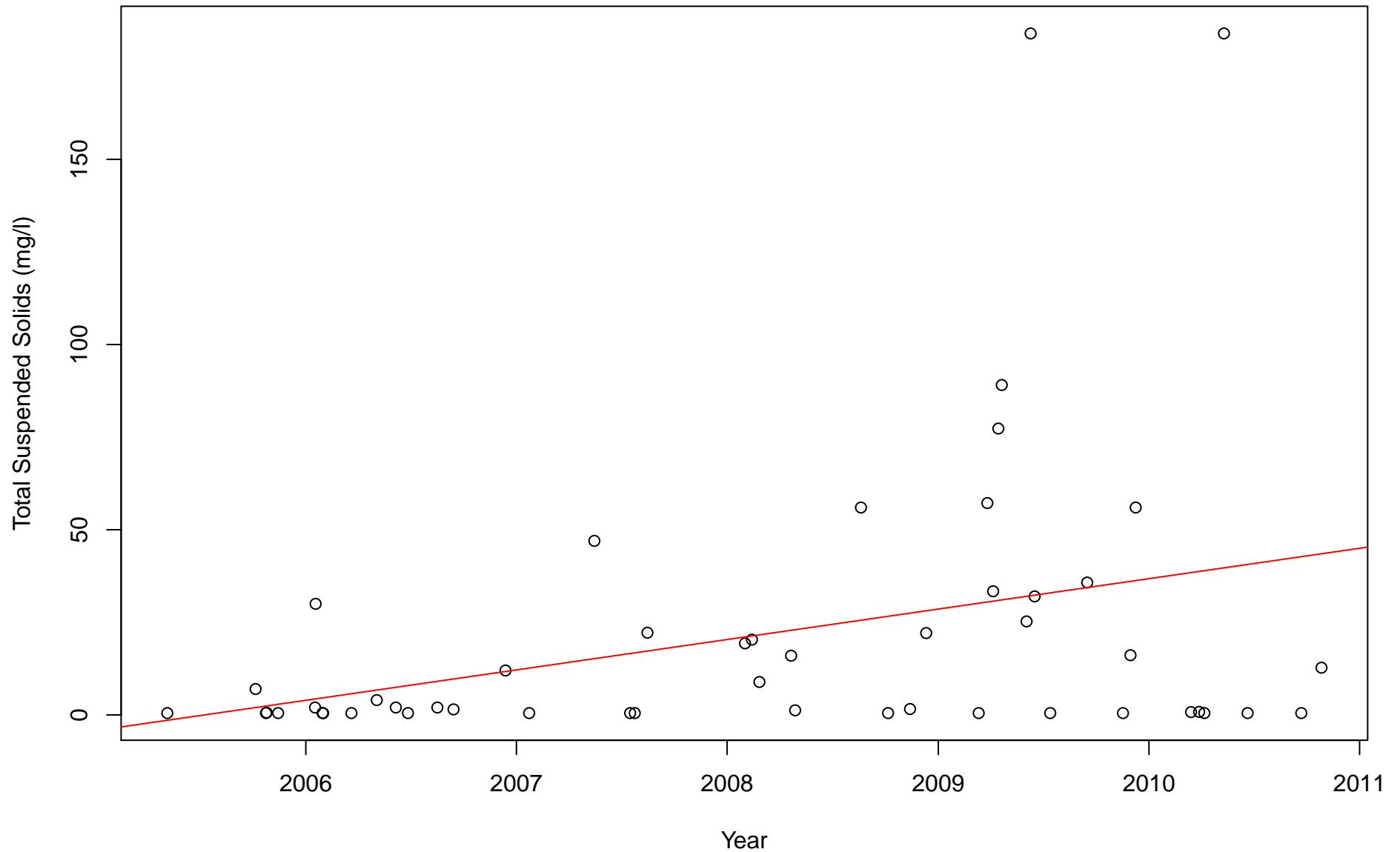
BA05MSI000SL07



BA05MSI000SL08

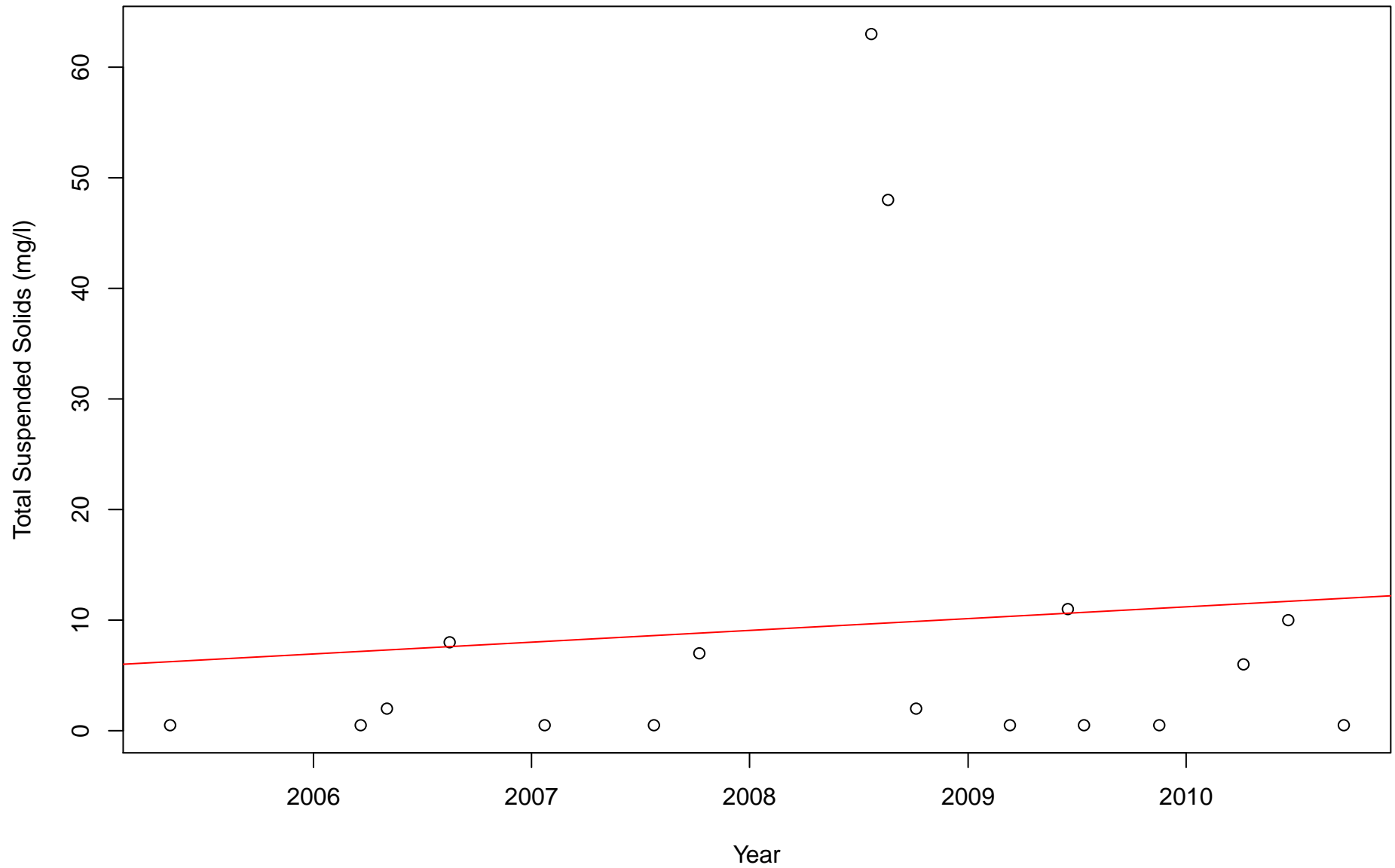


BA05MSI000SL09



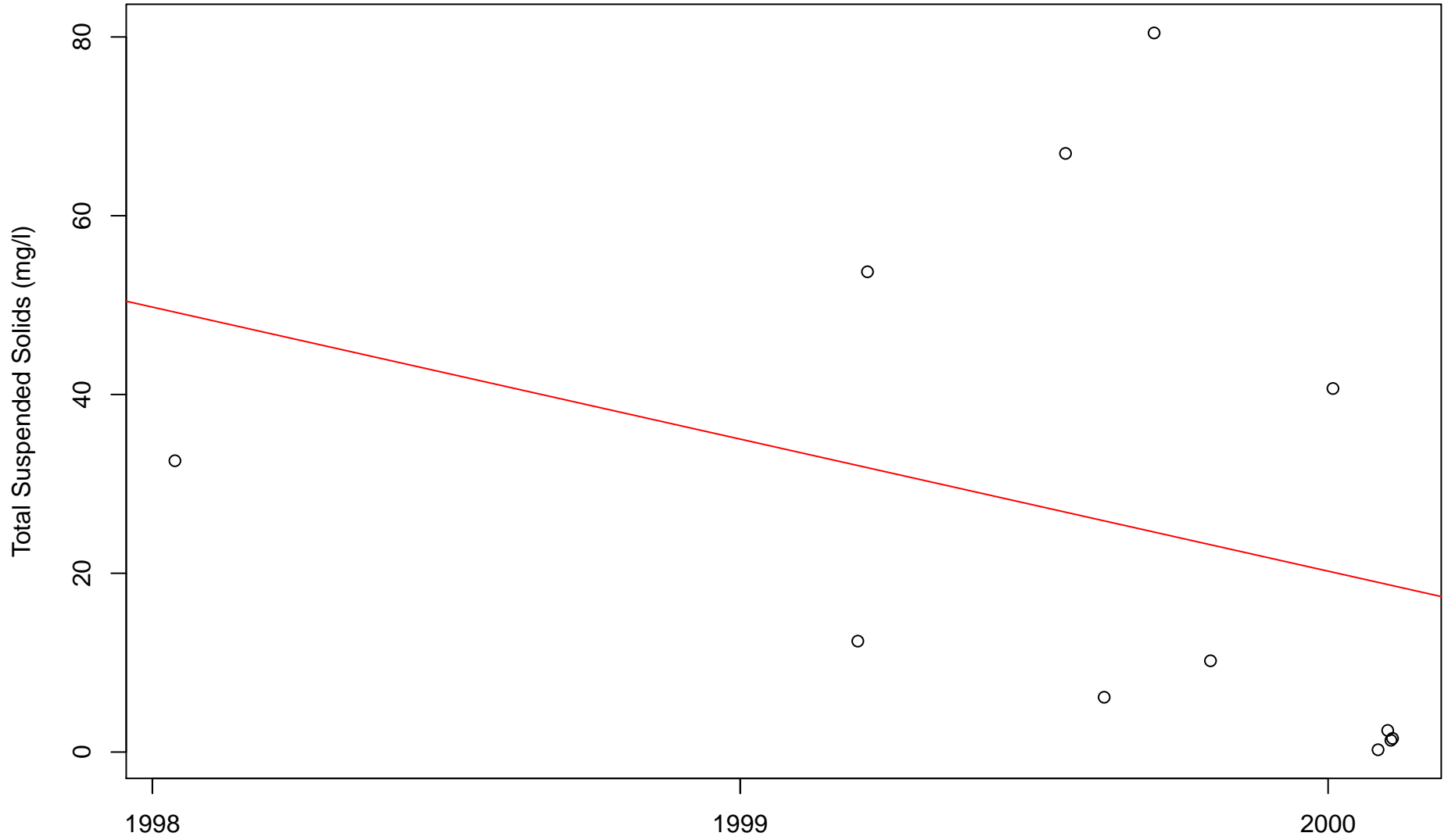
slope = 8.20501563411985; p-value = 0.0159560383965473

BA05MSI000SL10



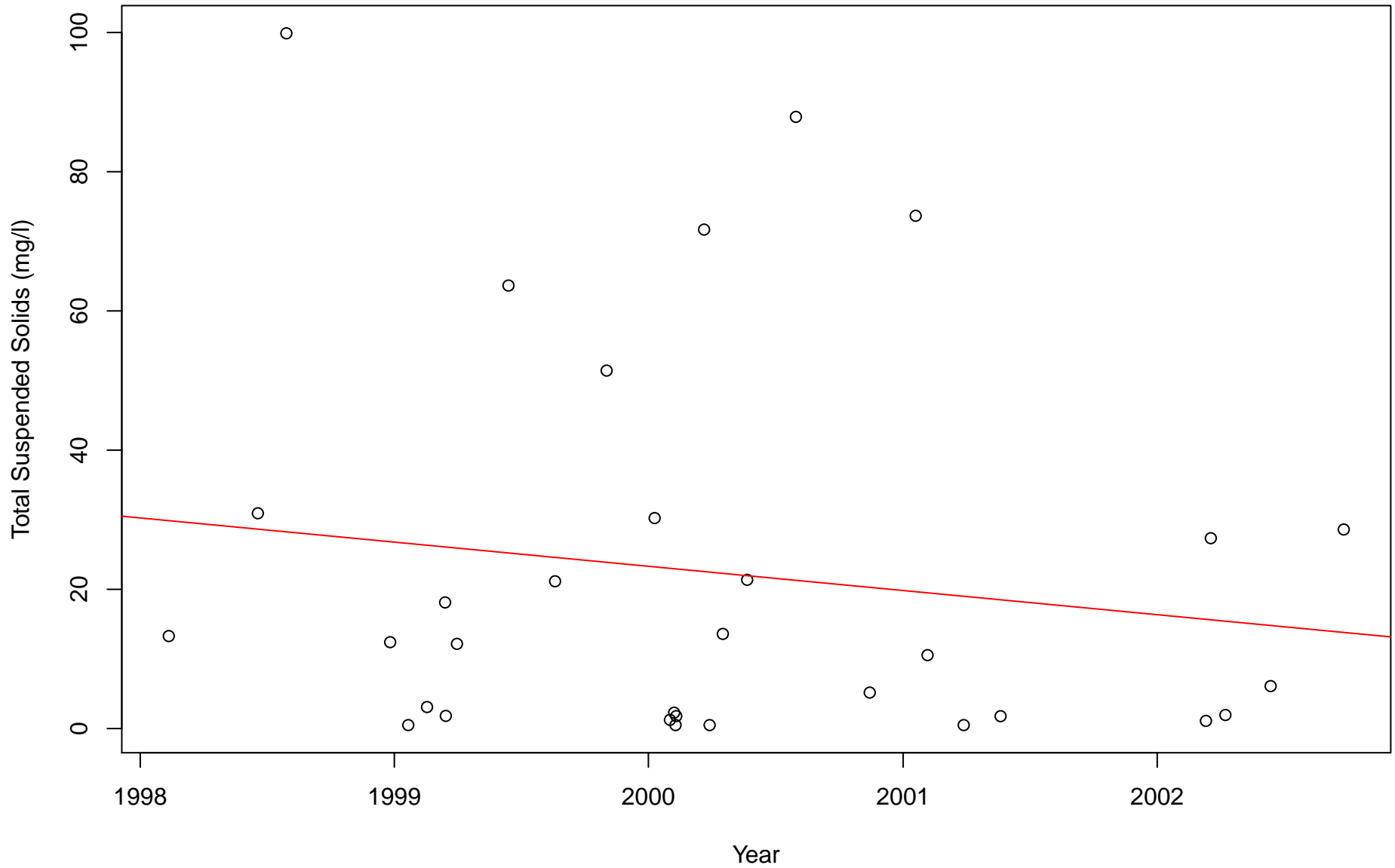
slope = 1.06415950200583; p-value = 0.709736083294463

BA98MSI000LQ3



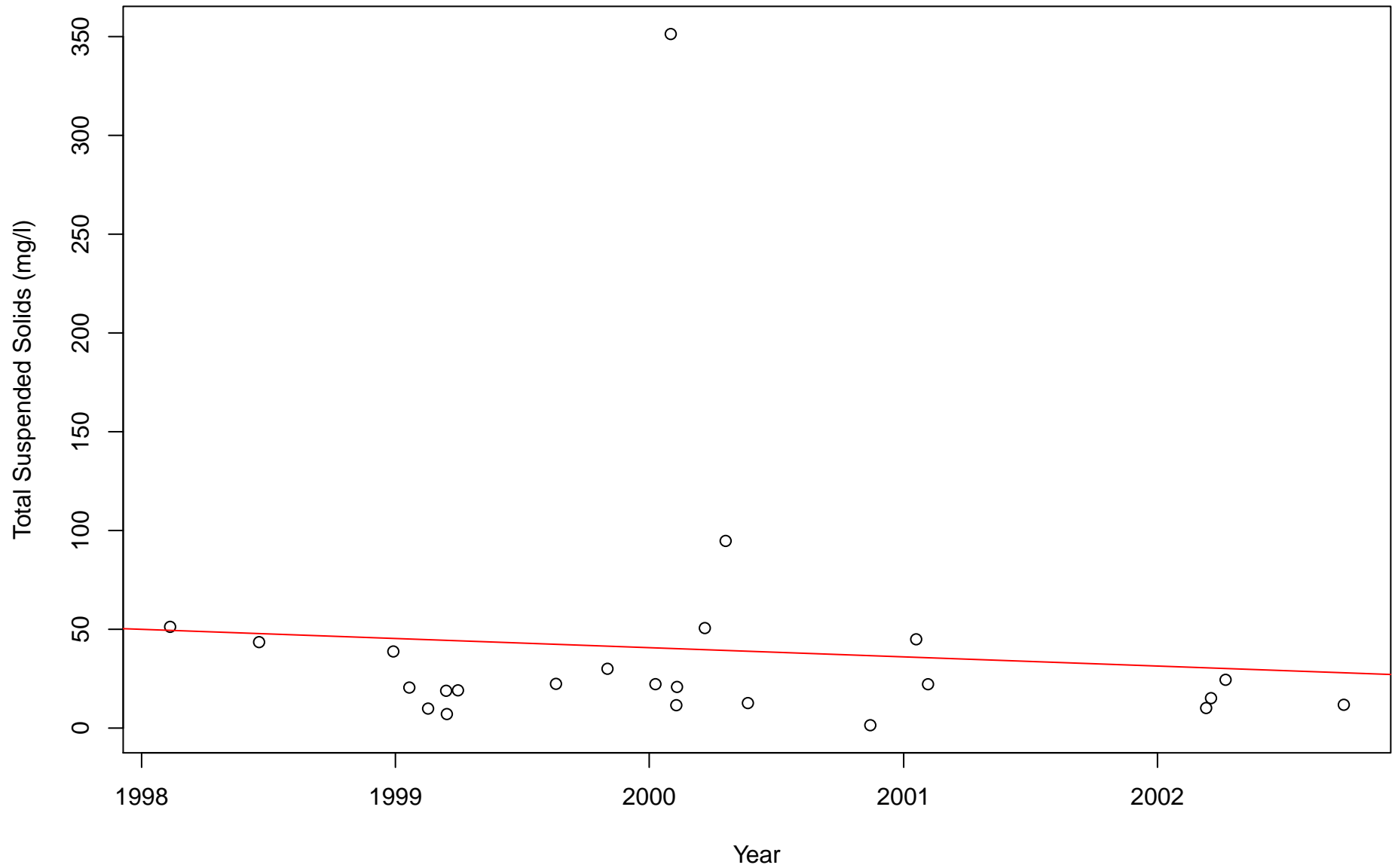
Year
slope = -14.7700079170484 ; p-value = 0.325015571045425

BA98MSI000SB2



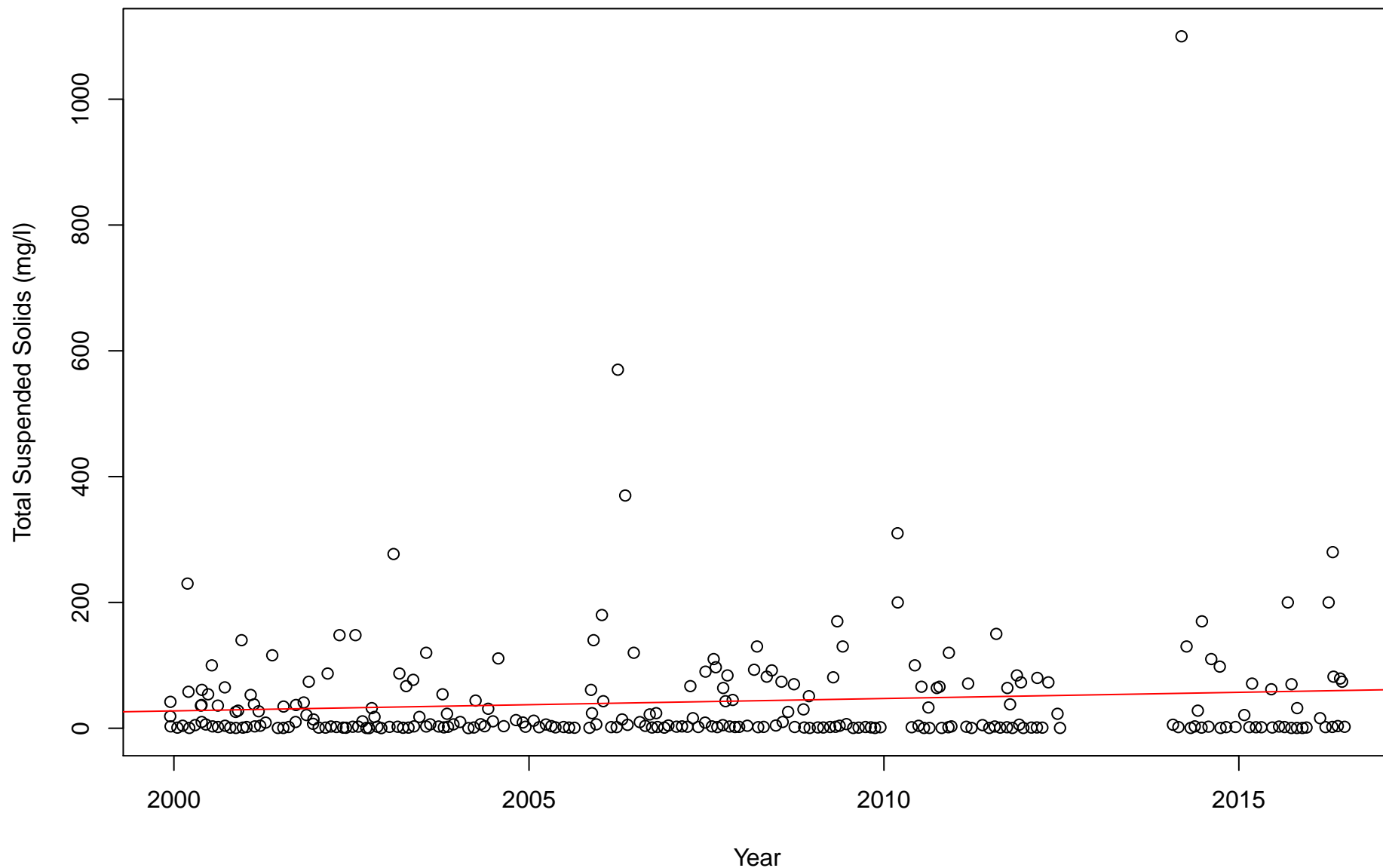
slope = -3.47242814943773; p-value = 0.40932714320721

BA98MSI000SB3



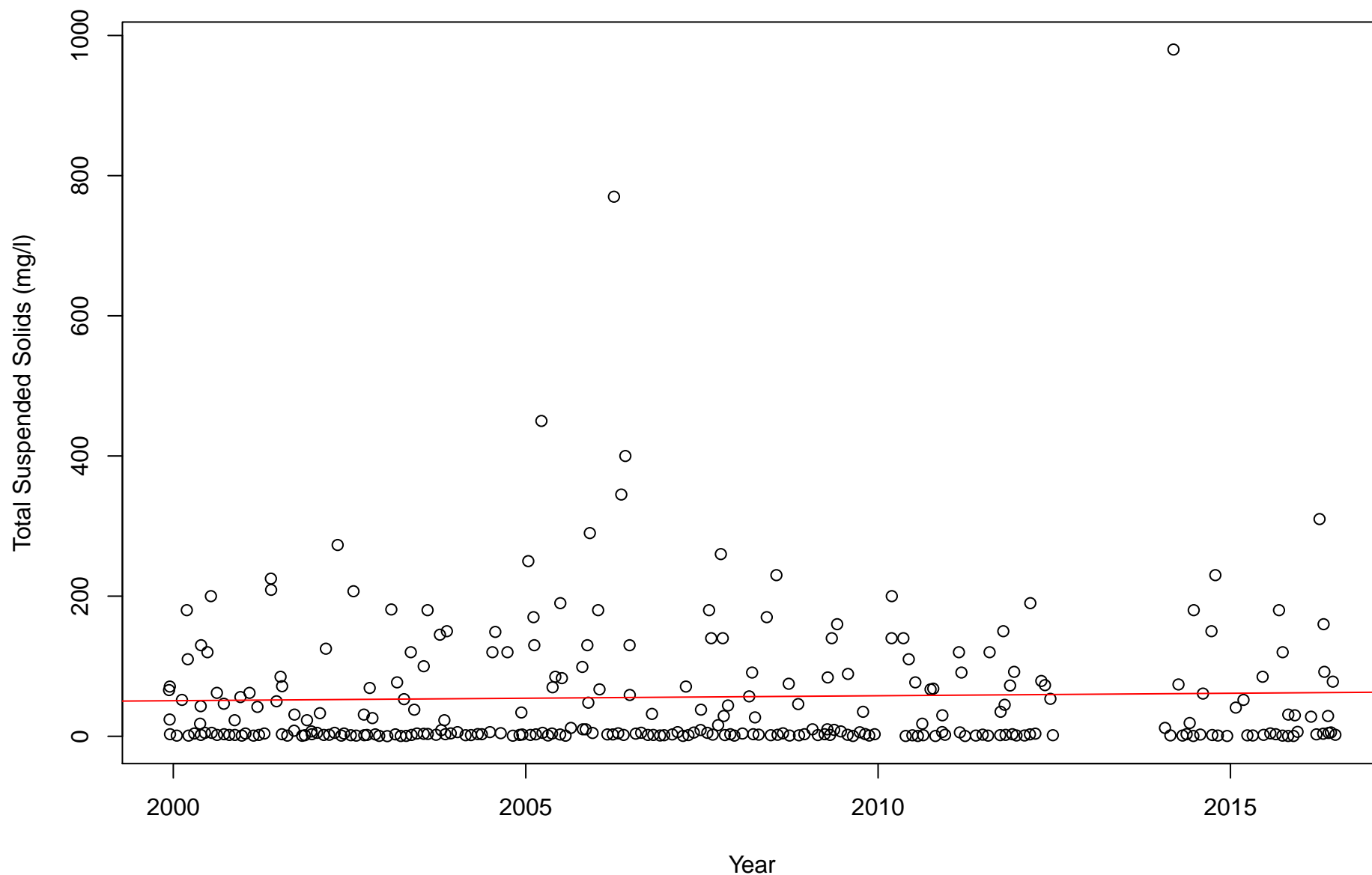
slope = -4.64384016215839 ; p-value = 0.698913602032907

BC16MS000I81



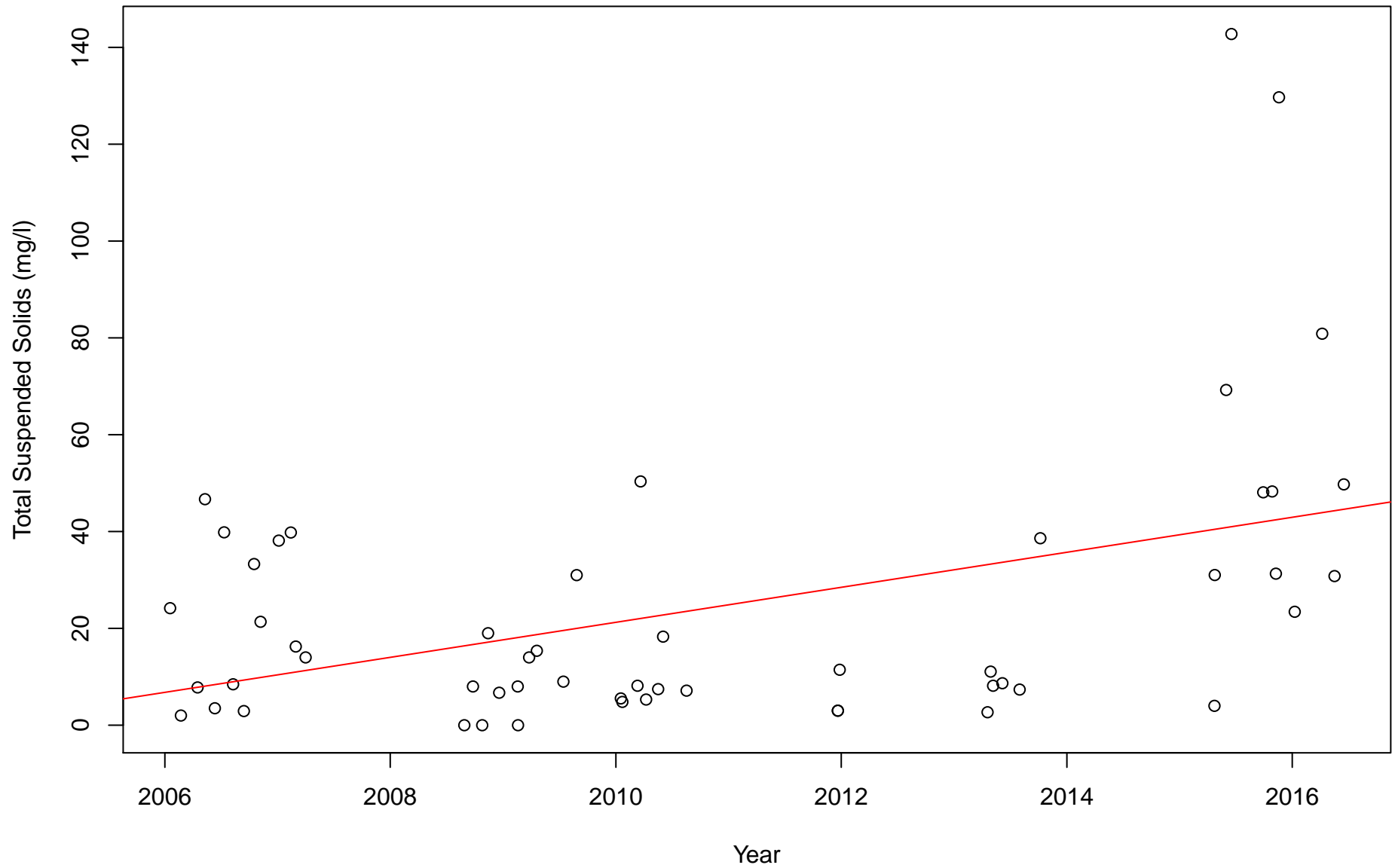
slope = 1.96931821984714; p-value = 0.0991595209833909

BC16MS000I82



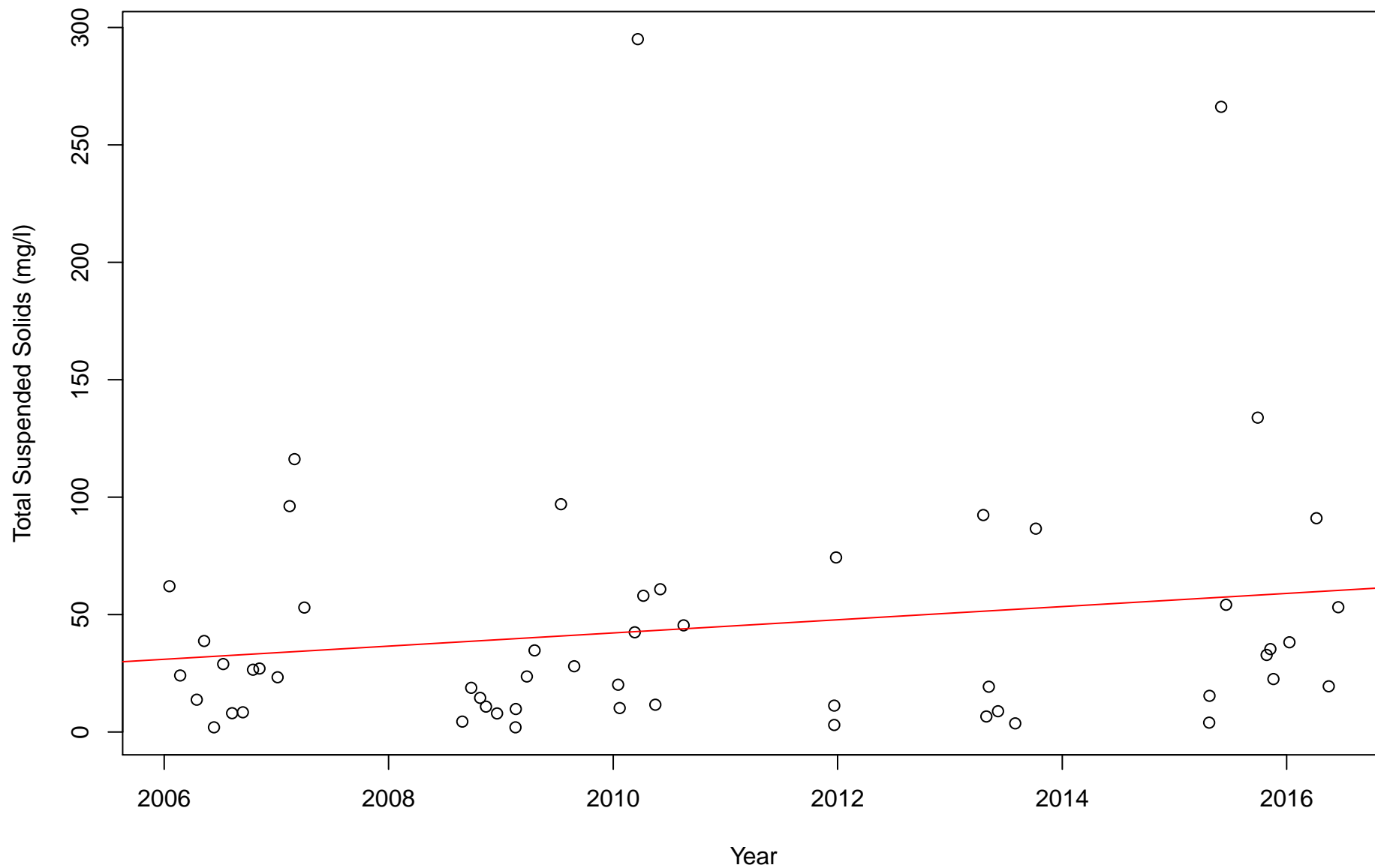
slope = 0.708544579022488; p-value = 0.577060513791447

CC15MSI000001



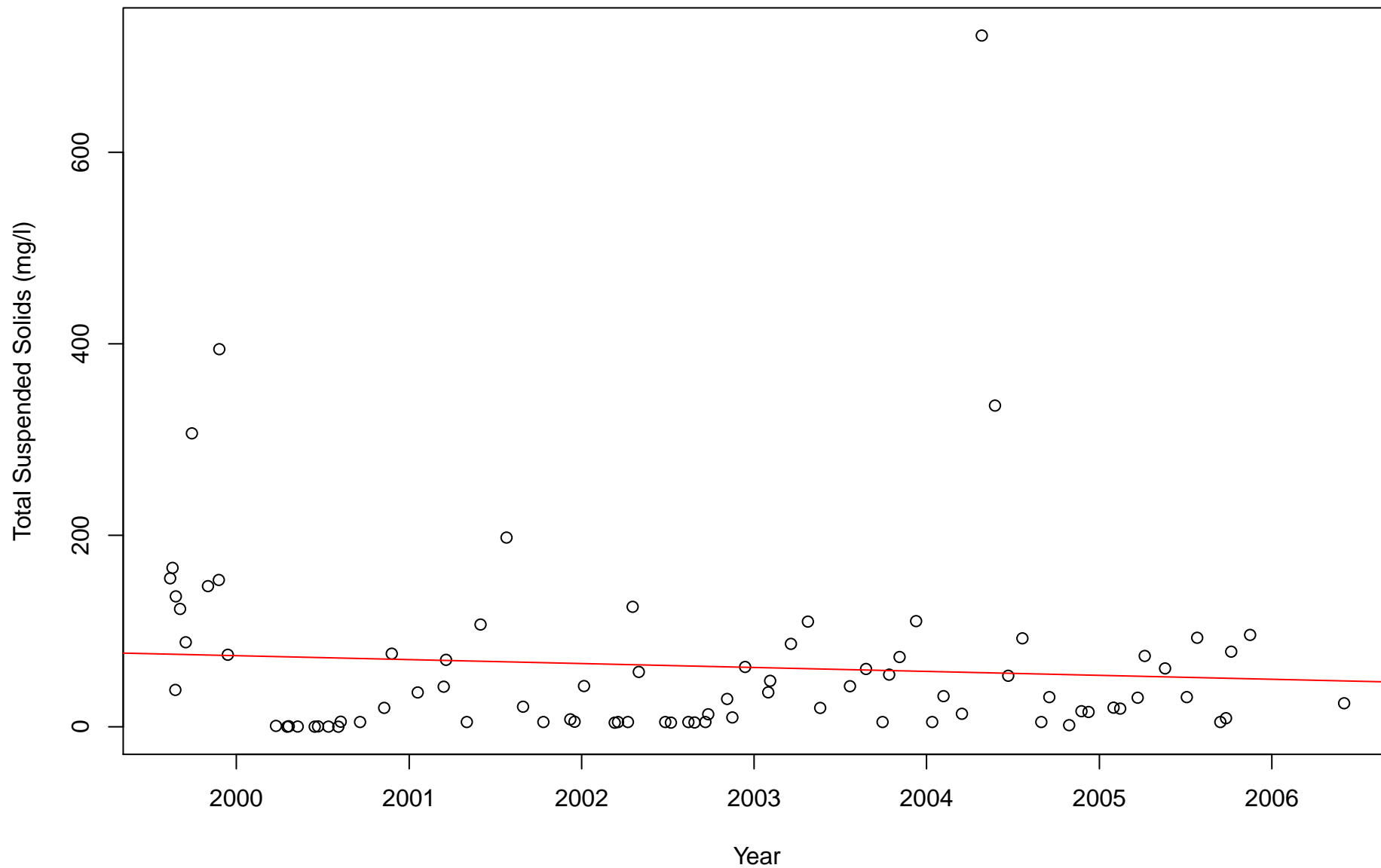
slope = 3.61427031725885; p-value = 0.00118012429548885

CC15MSI000002



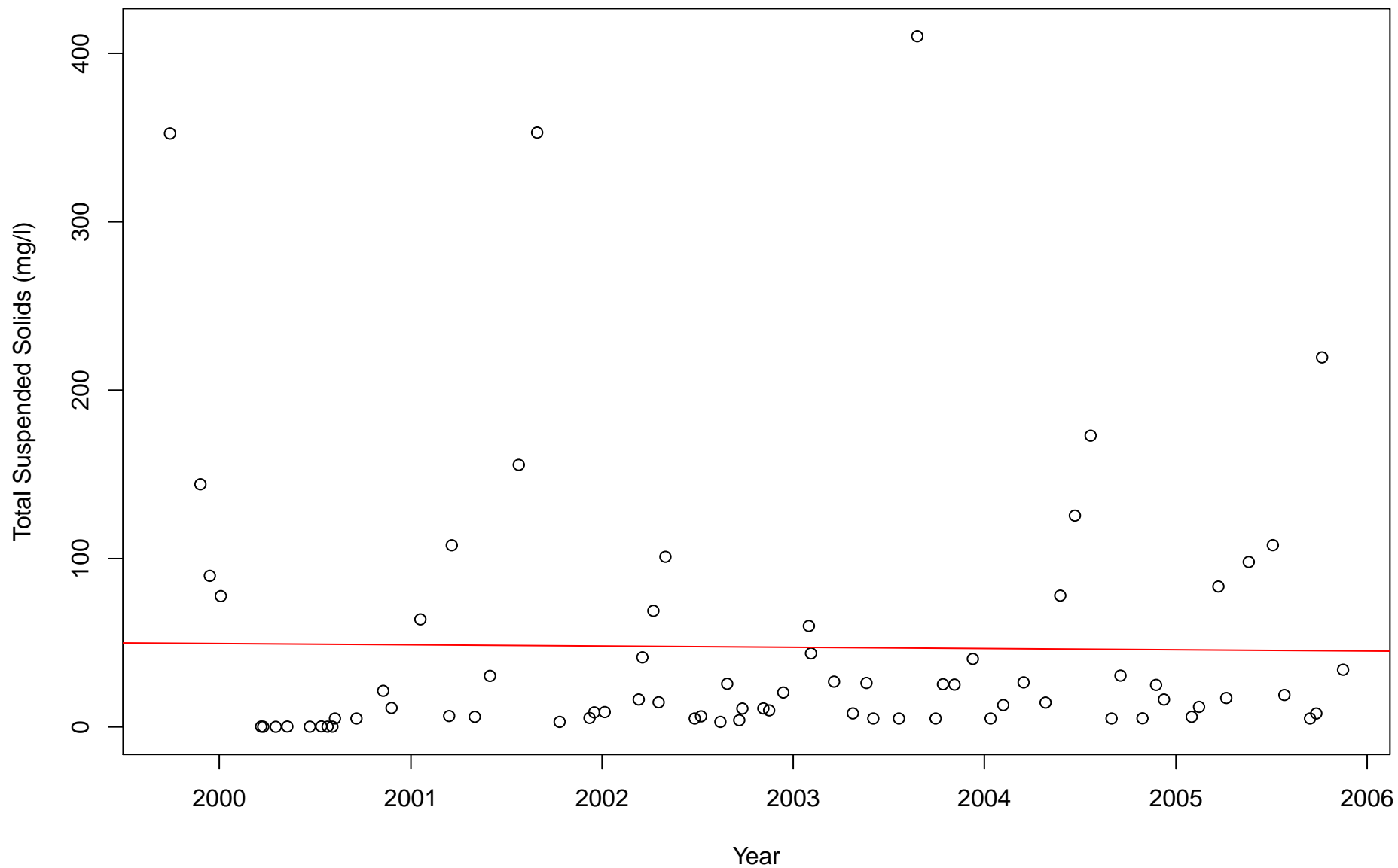
slope = 2.80300377406534; p-value = 0.217187343809964

CH99MSI000096



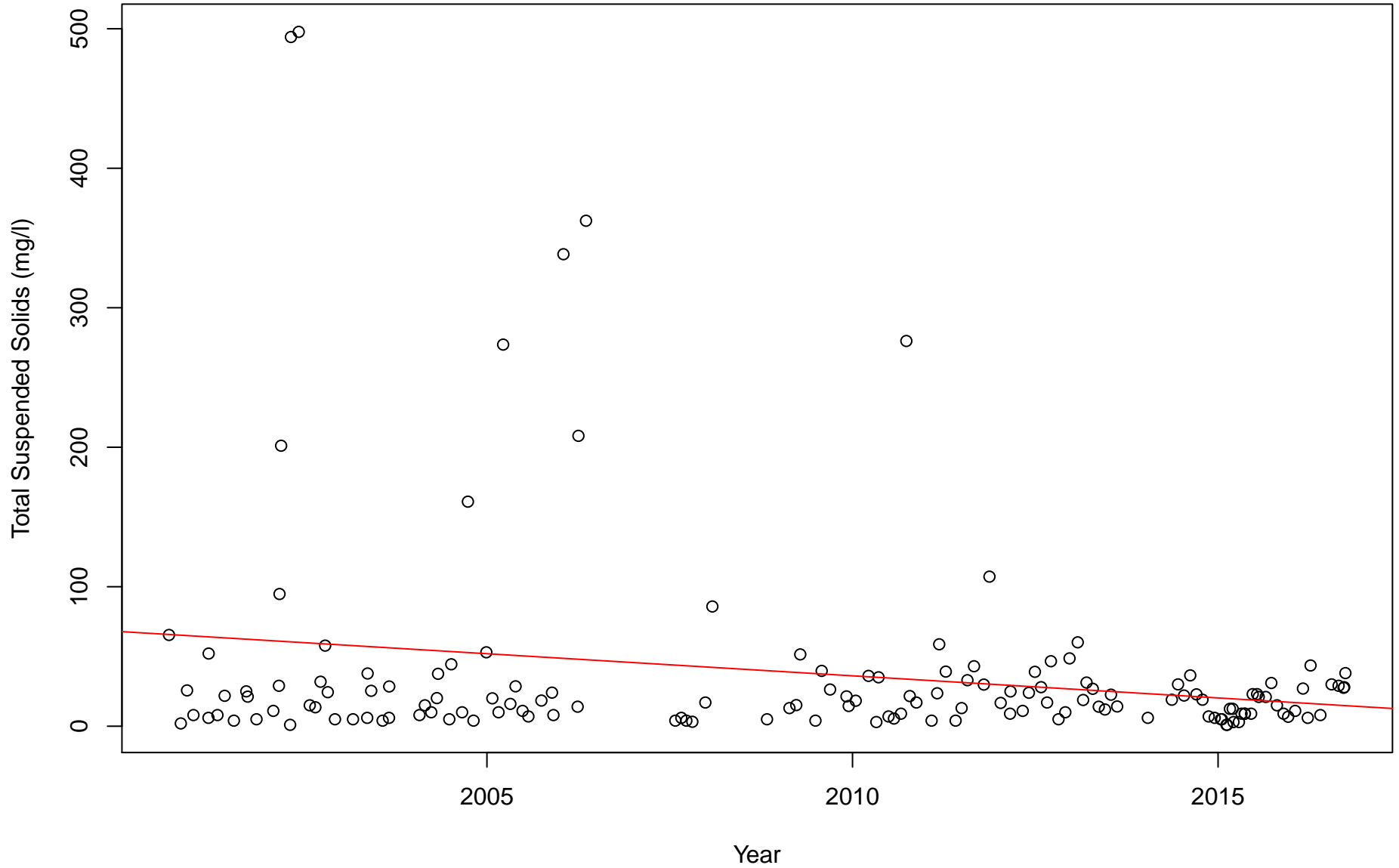
slope = -4.10358351556793; p-value = 0.484984701322546

CH99MSI000162



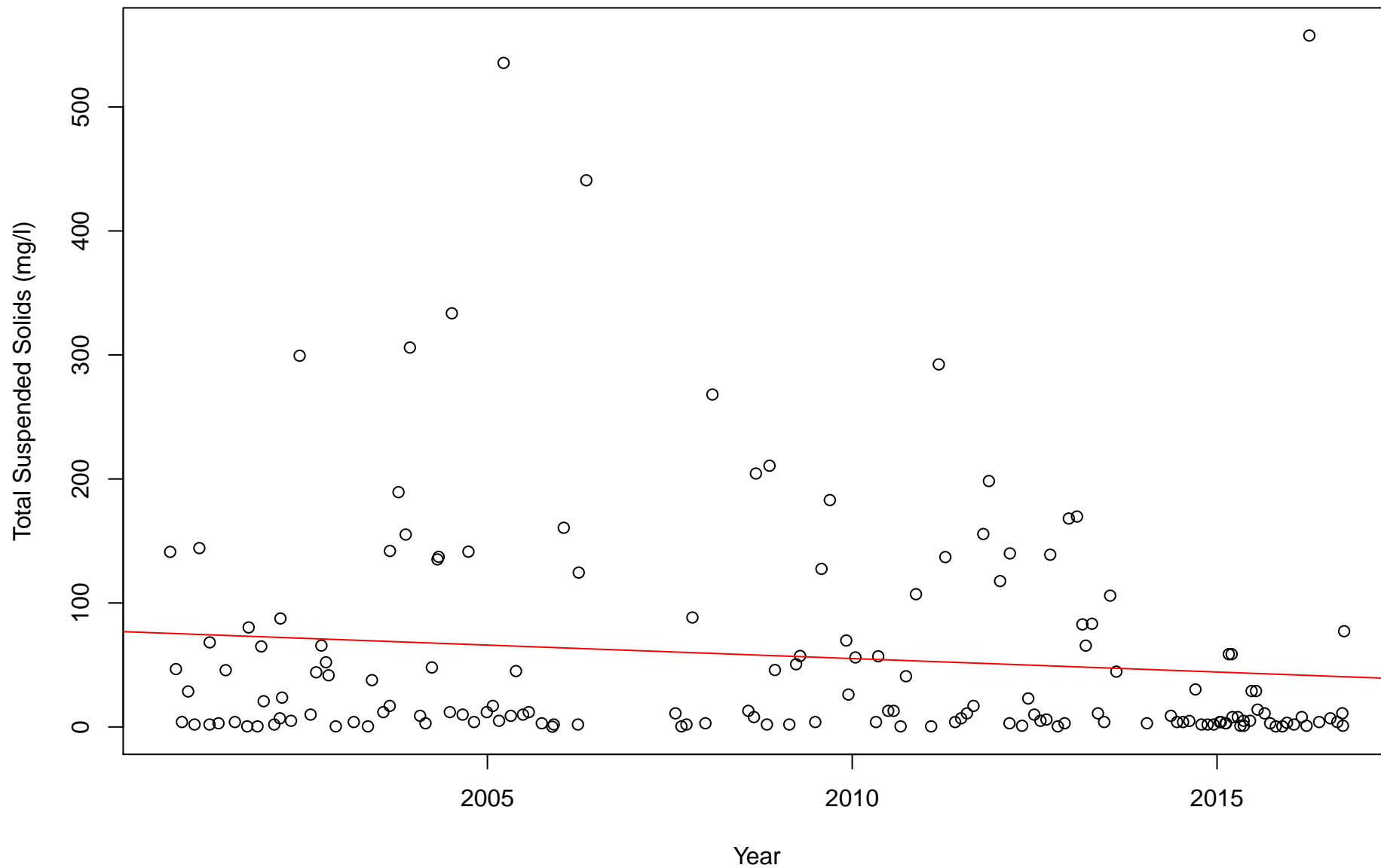
slope = -0.740044234546848; p-value = 0.888005340377683

CR15MSI000003



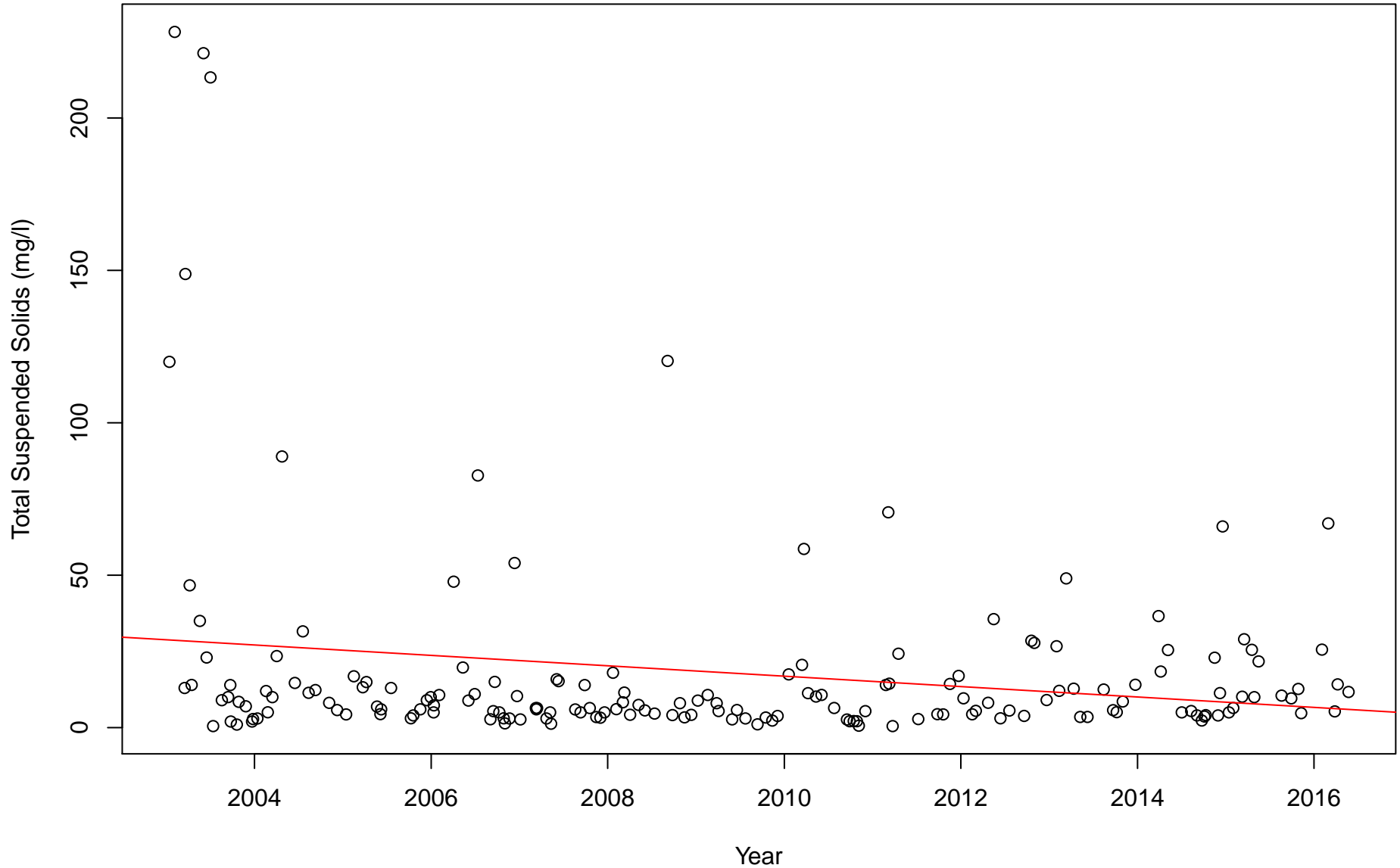
slope = -3.16792628857384 ; p-value = 0.00949418470685404

CR15MSI000004



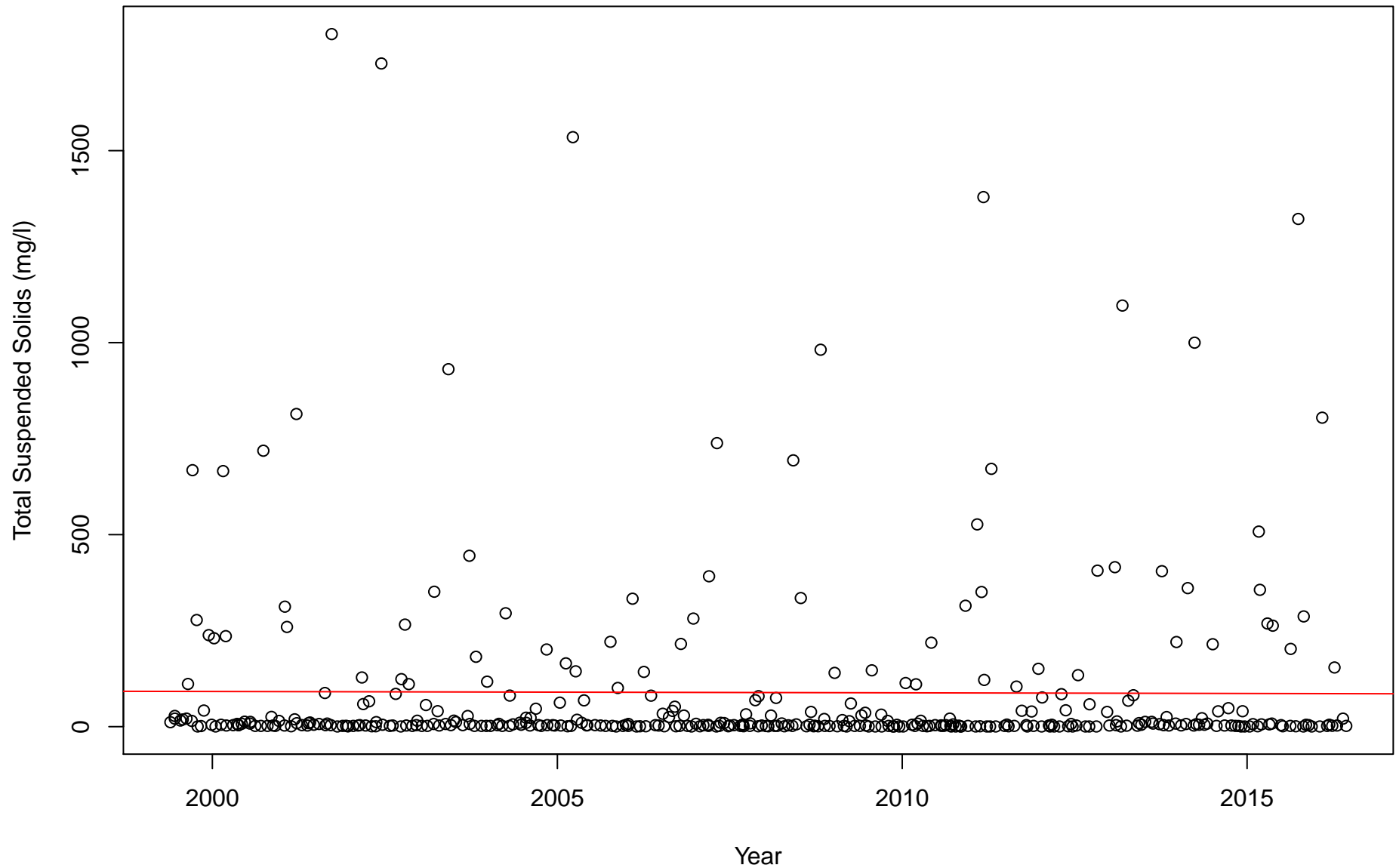
slope = -2.17065292283408; p-value = 0.140713238318579

FR02MSI000059



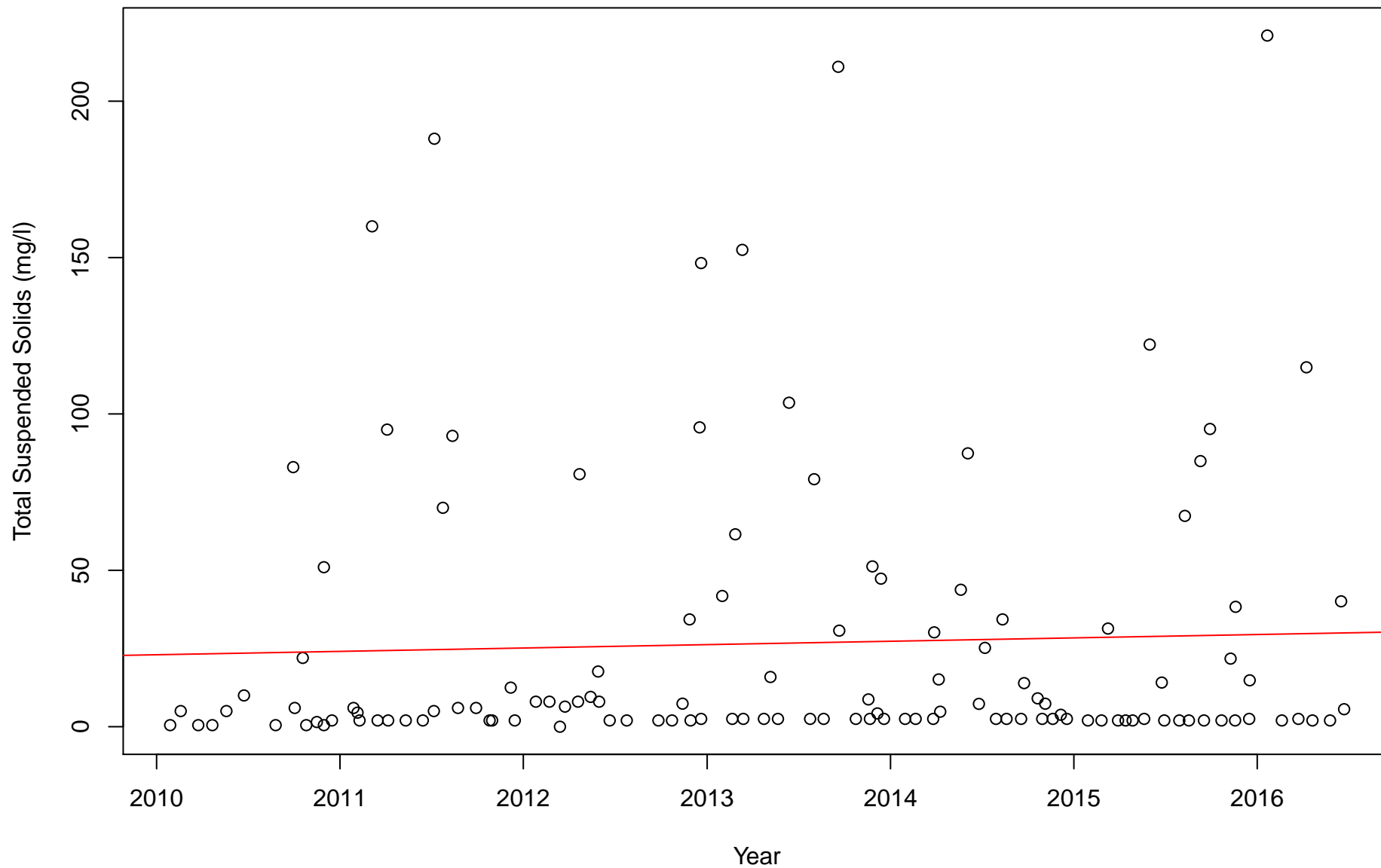
slope = -1.70528162340642 ; p-value = 0.00871860573160211

FR99MSI000058



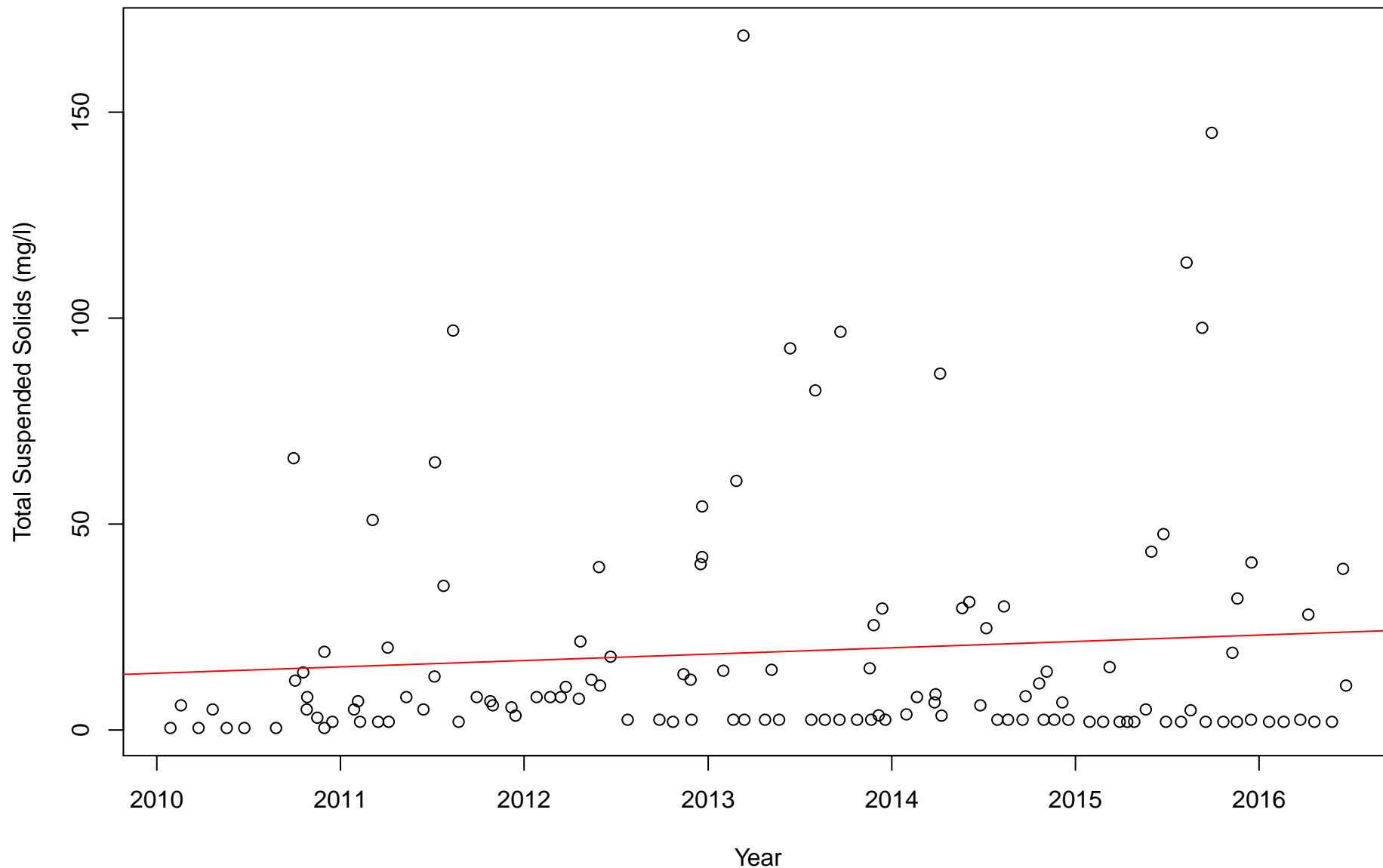
slope = -0.345881542005511 ; p-value = 0.890117201287434

HA10MSI0WC002



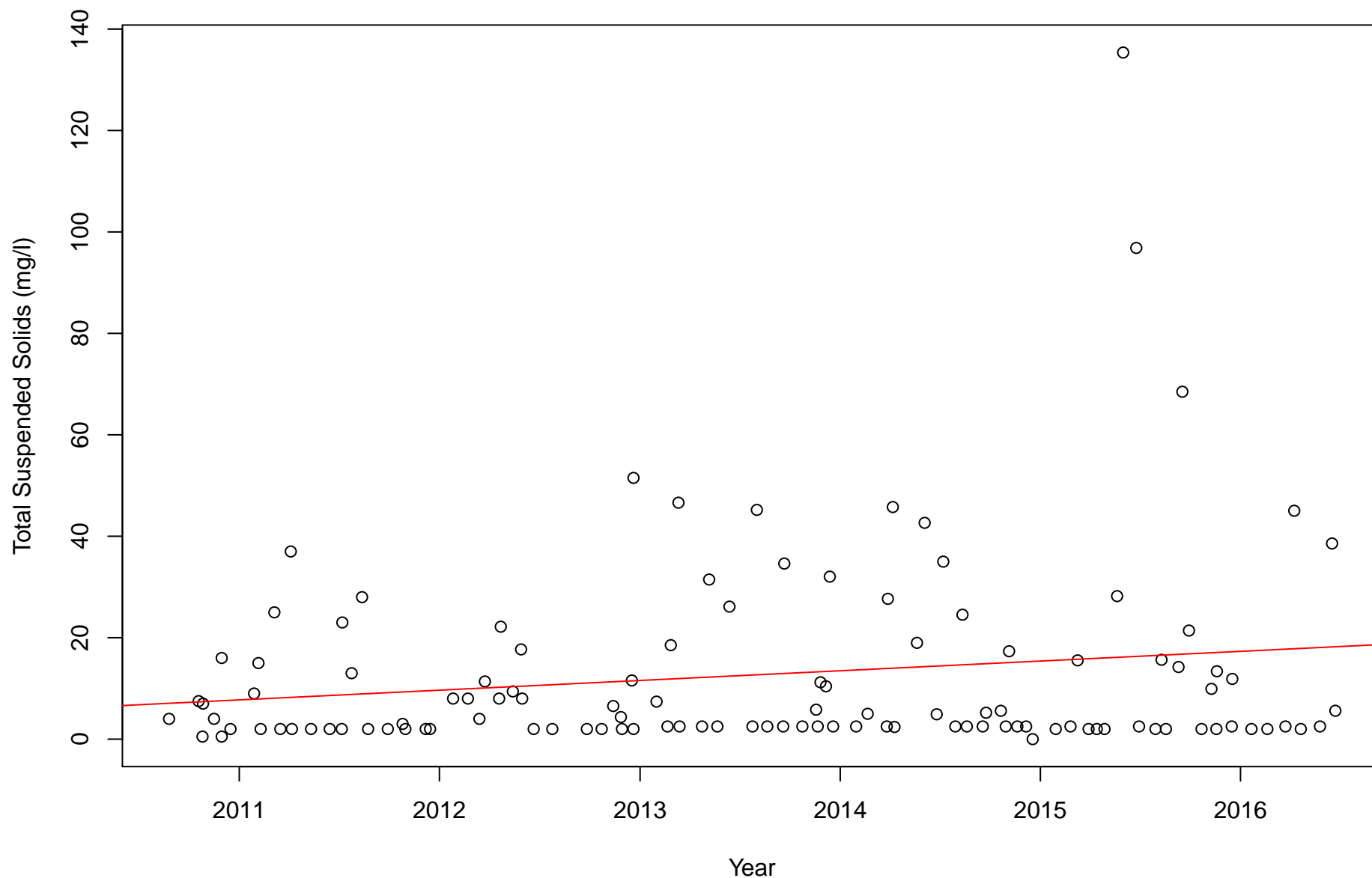
slope = 1.07748501315977; p-value = 0.634039941835276

HA10MSI0WC003



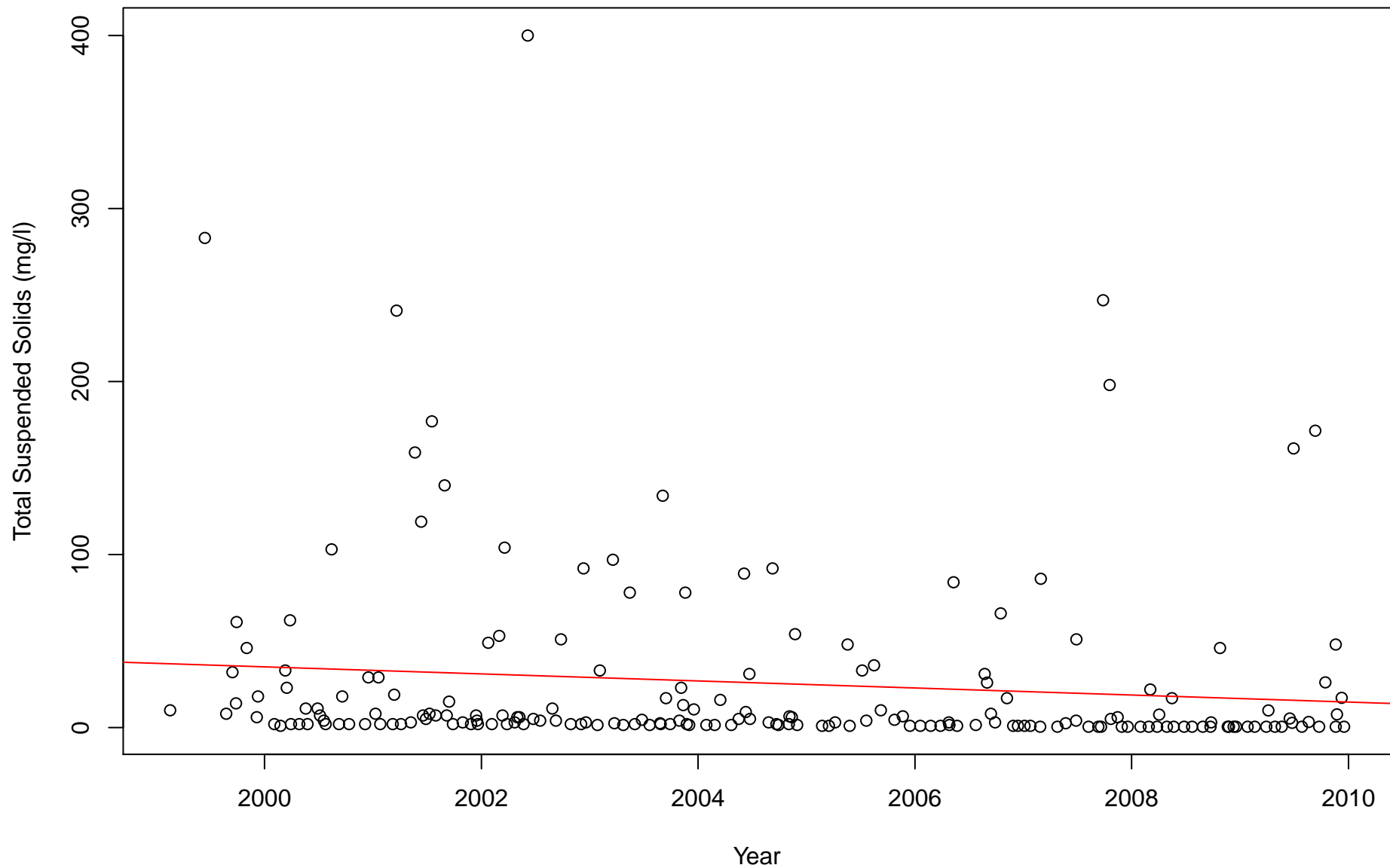
slope = 1.54306671127281; p-value = 0.294171640503987

HA10MSI0WC004



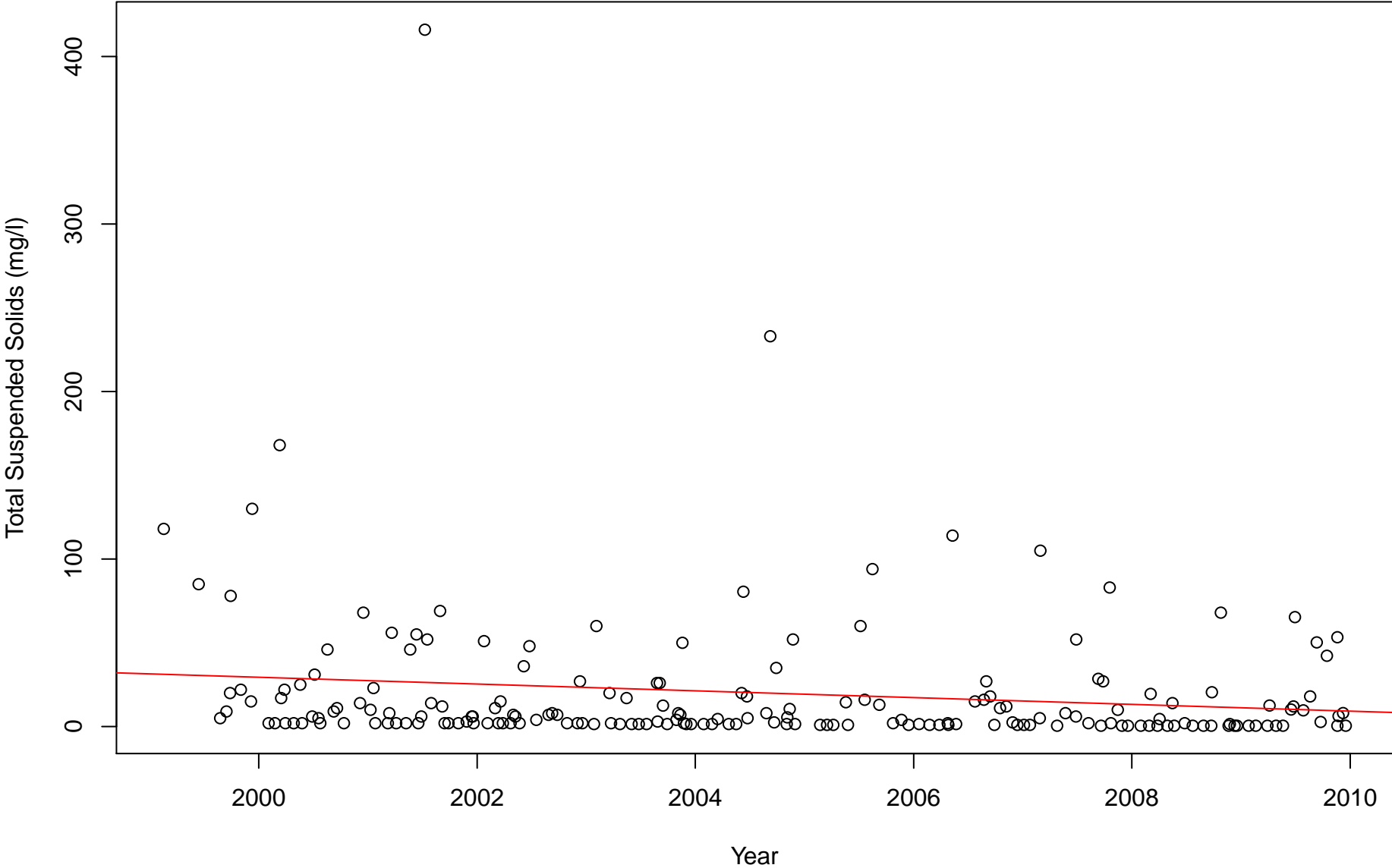
slope = 1.91233891572088; p-value = 0.0693696171615758

HA99MSI000001



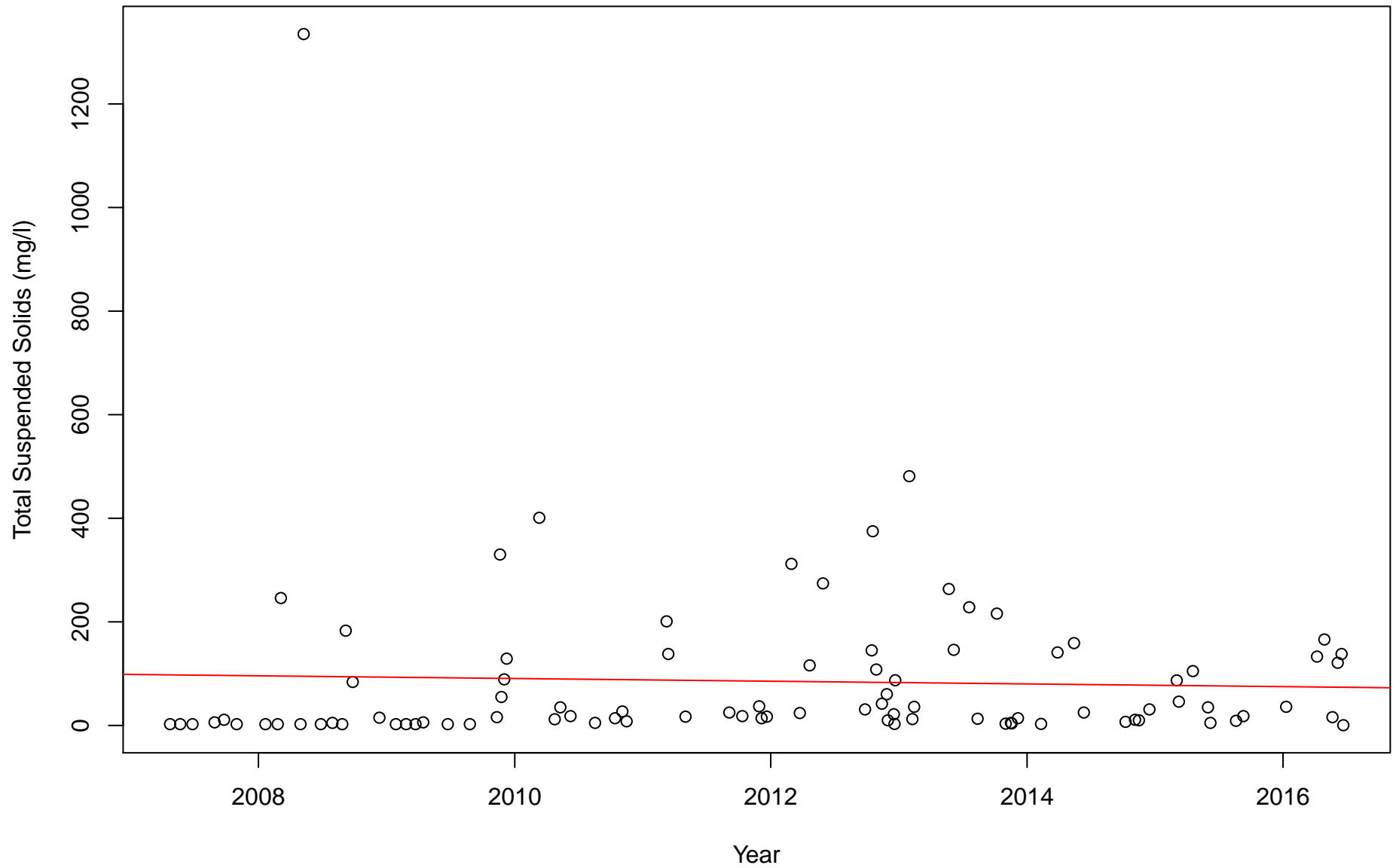
slope = -2.03361546862462; p-value = 0.106451941647669

HA99MSI000002



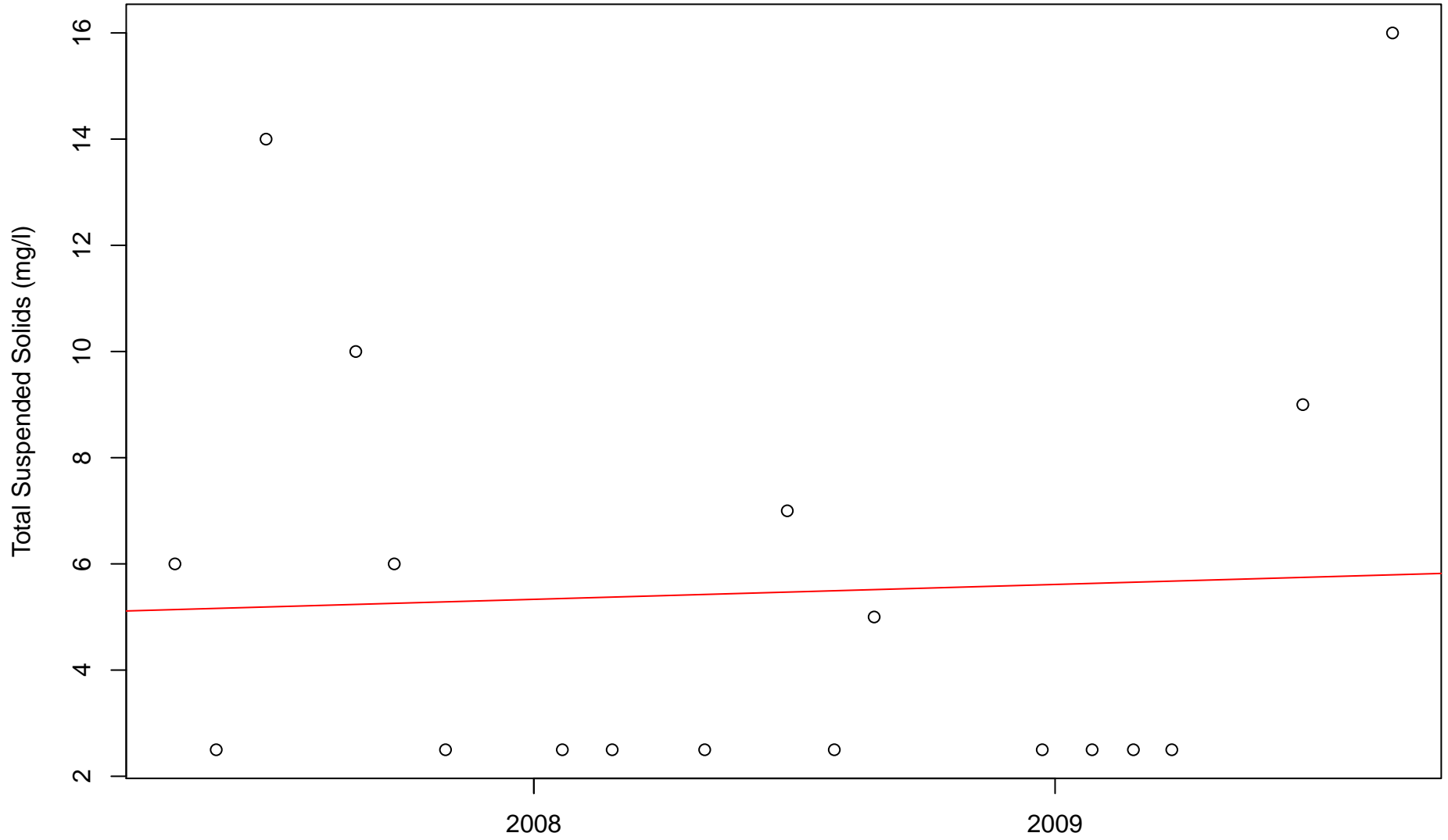
slope = -2.02191921001853; p-value = 0.0389879885067865

HO07MSI000035



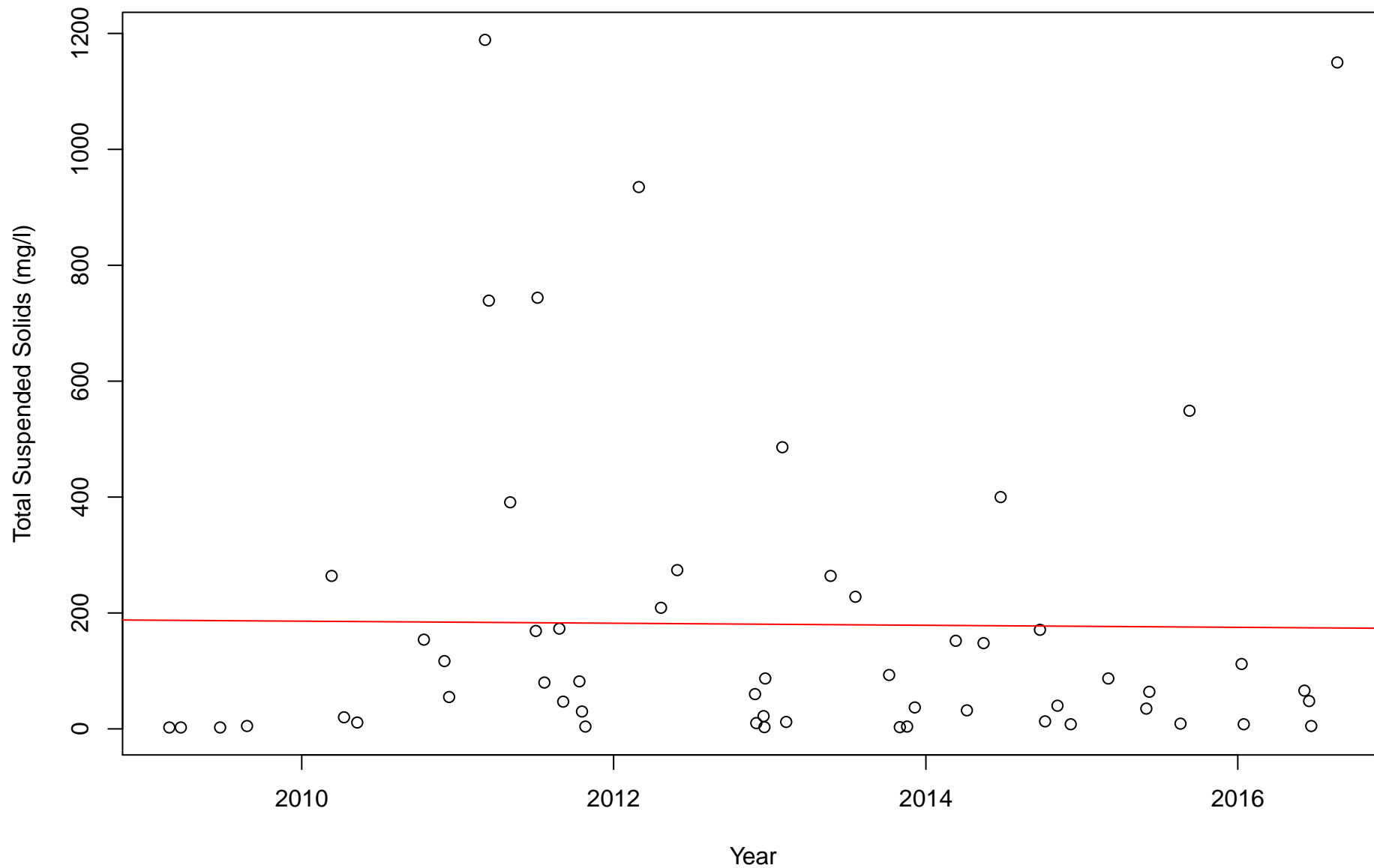
slope = -2.60869182305901 ; p-value = 0.69256541327689

HO07MSI0000CL



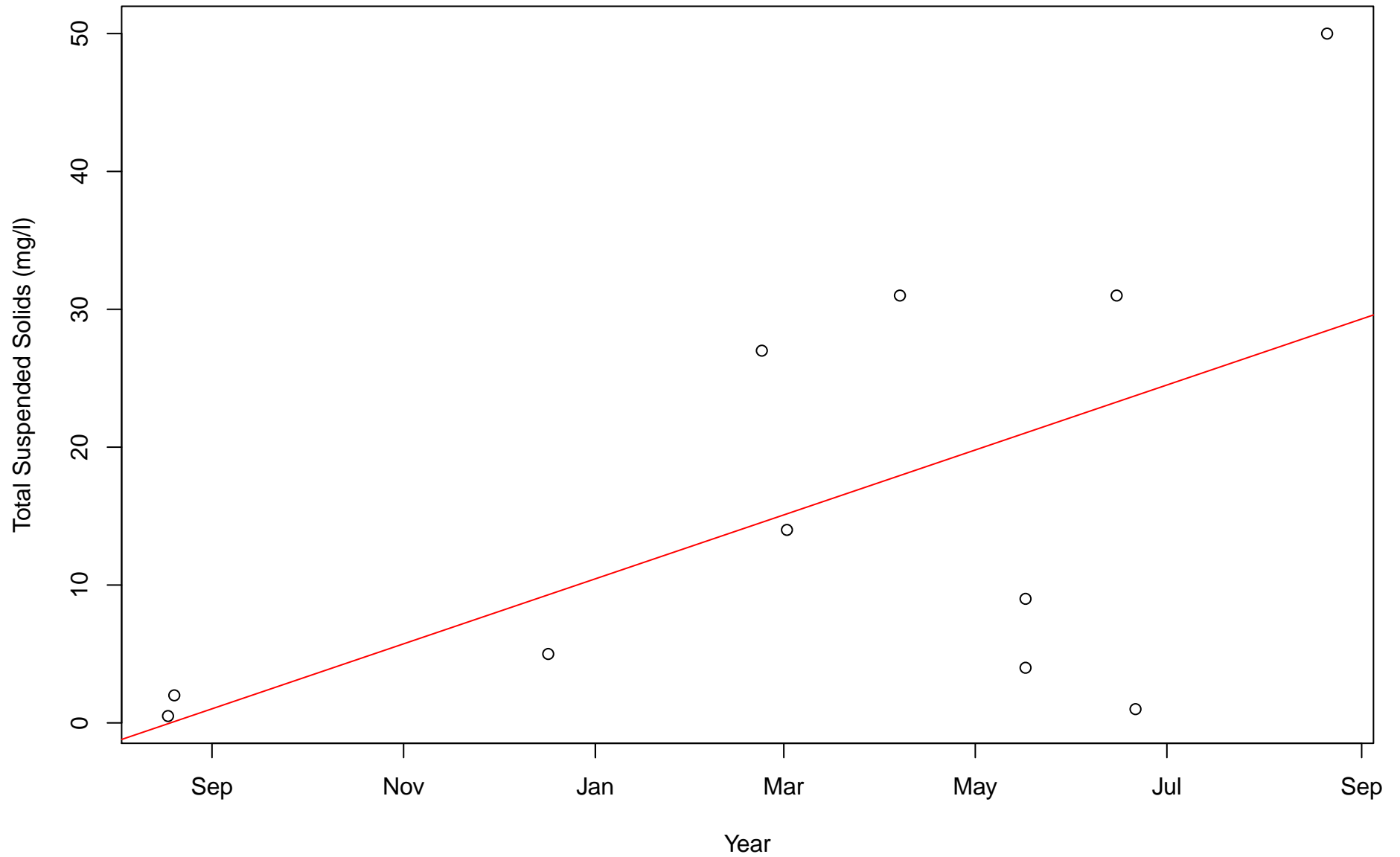
Year
slope = 0.279417326342626; p-value = 0.847171505229155

HO09MSI000036



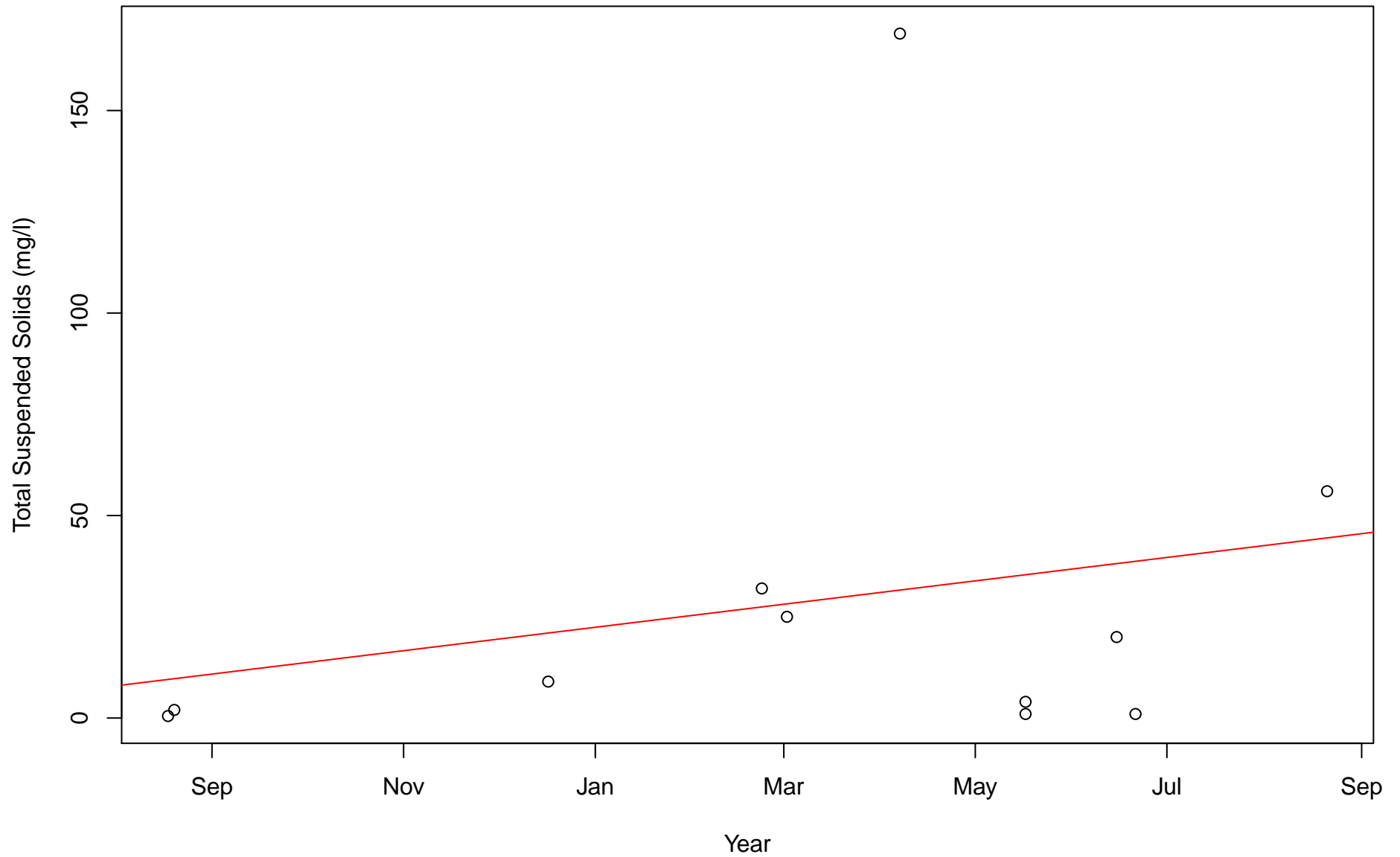
slope = -1.76382665454572 ; p-value = 0.923844704320163

HO10MSI000037



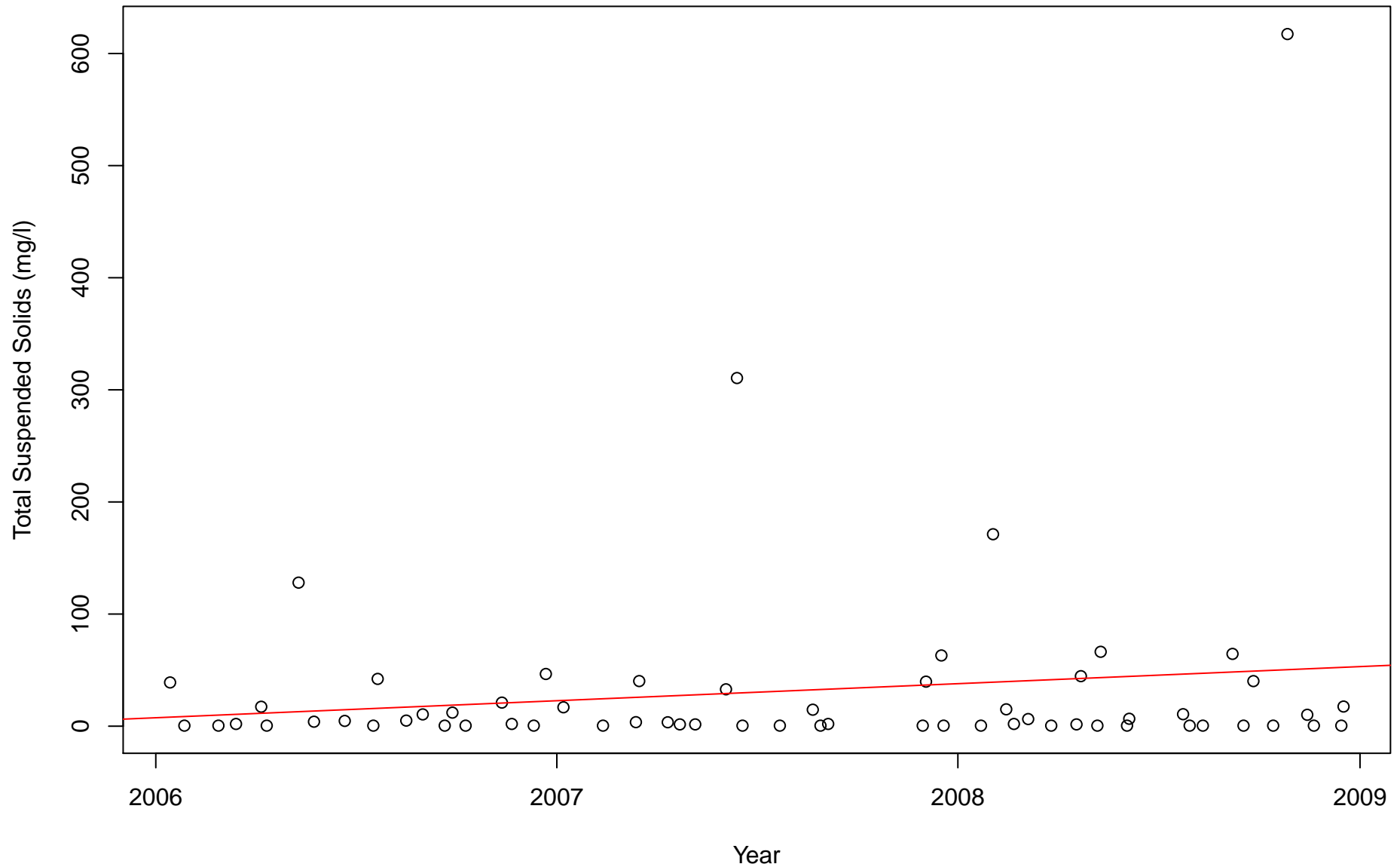
slope = 28.2014364546185; p-value = 0.0668409809561524

HO10MSI000038



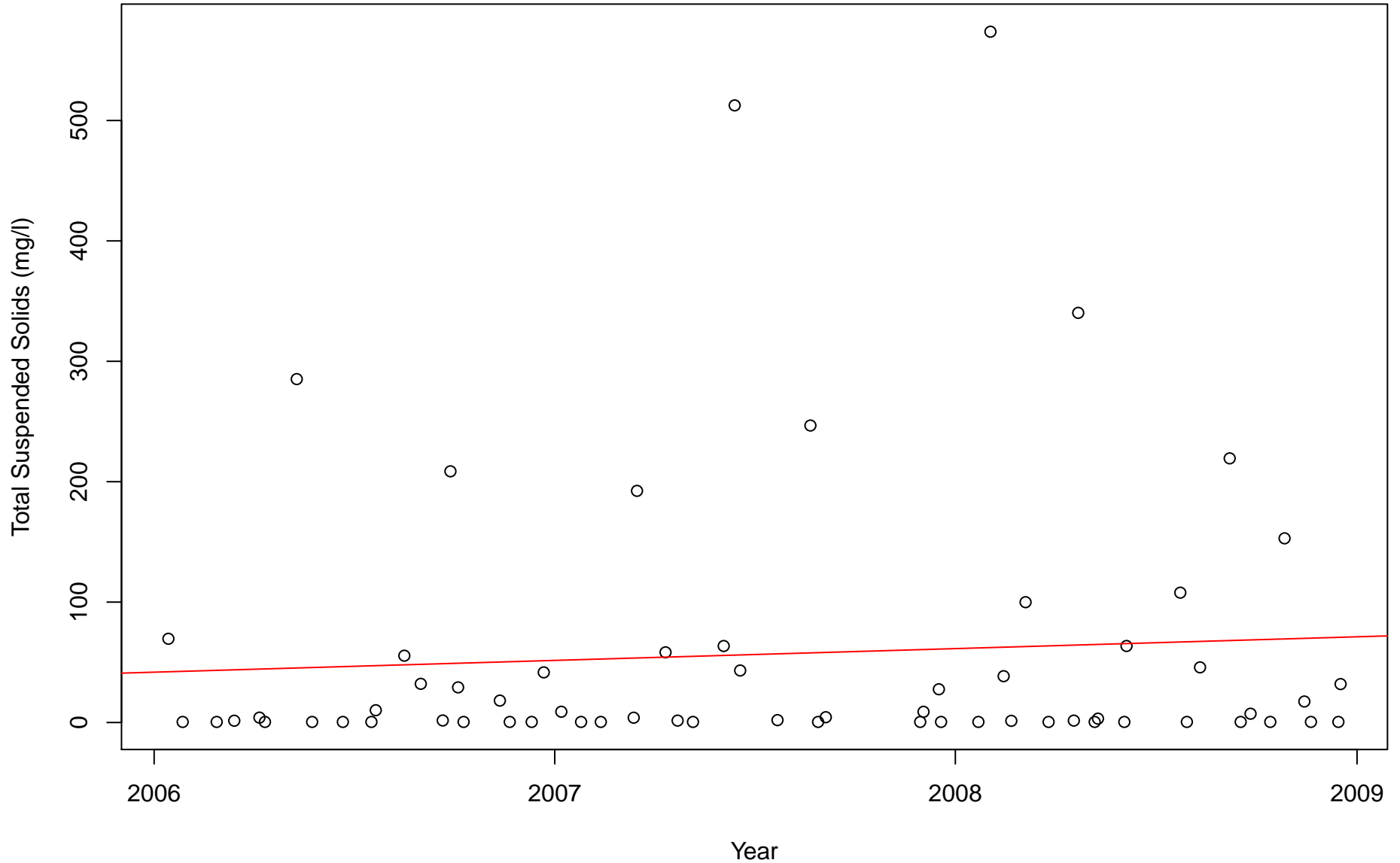
slope = 34.5695527812468; p-value = 0.492263837304683

MO02MSI000104



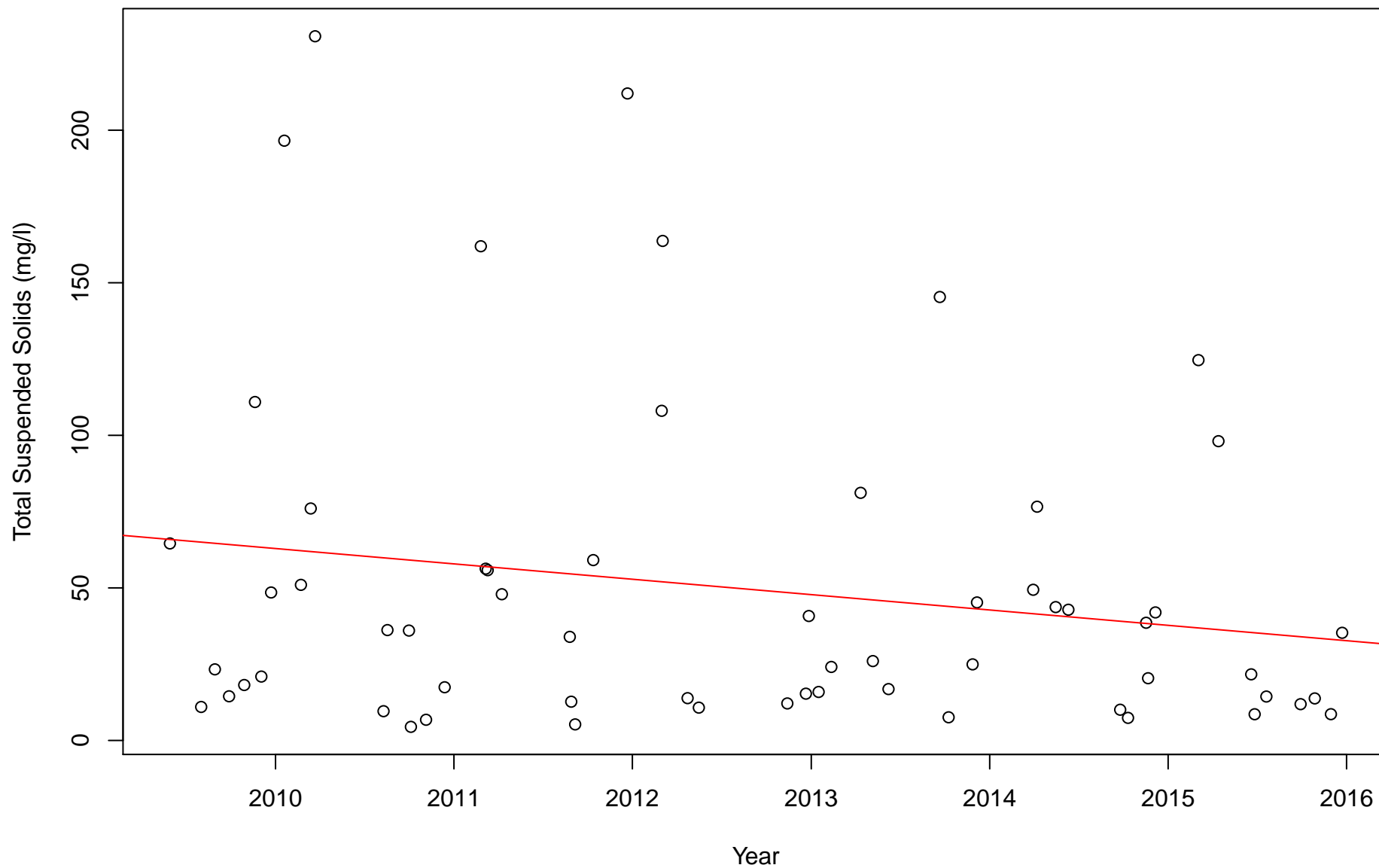
slope = 15.1971857610929; p-value = 0.242835430701204

MO02MSI000310



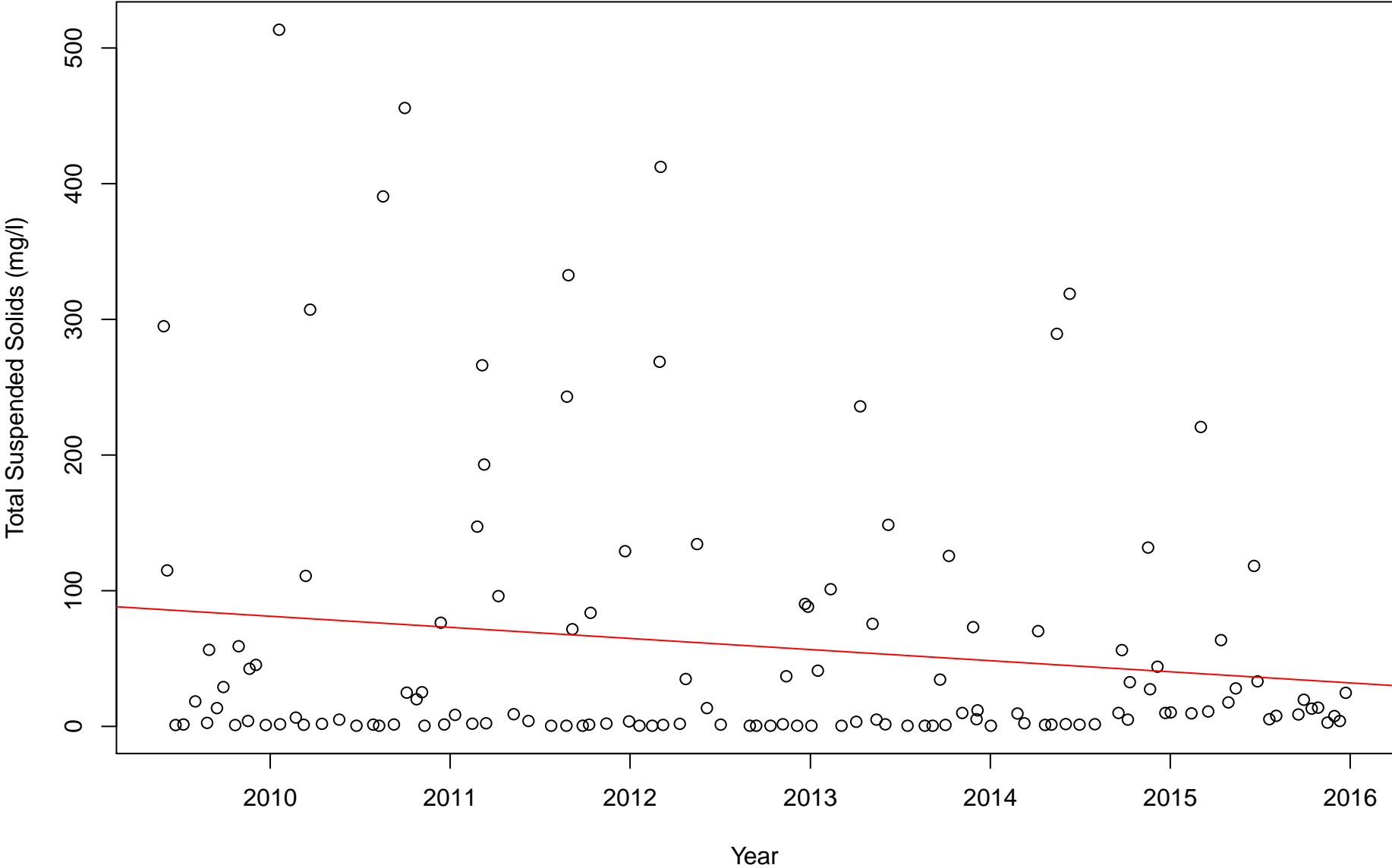
slope = 9.78719761608524; p-value = 0.558731613179997

MO09MSI000001



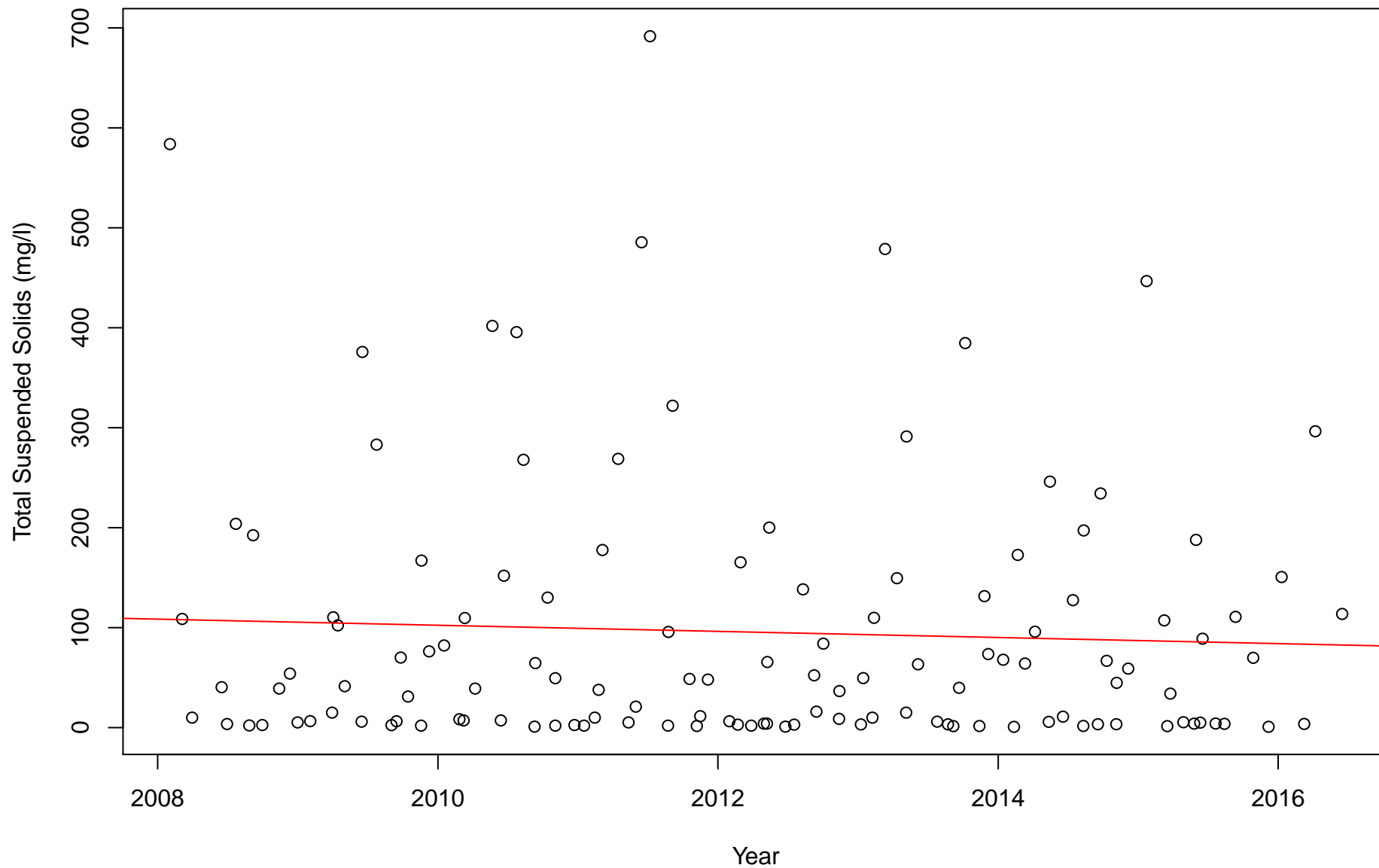
slope = -5.03270995785589; p-value = 0.140382750061883

MO09MSI000002



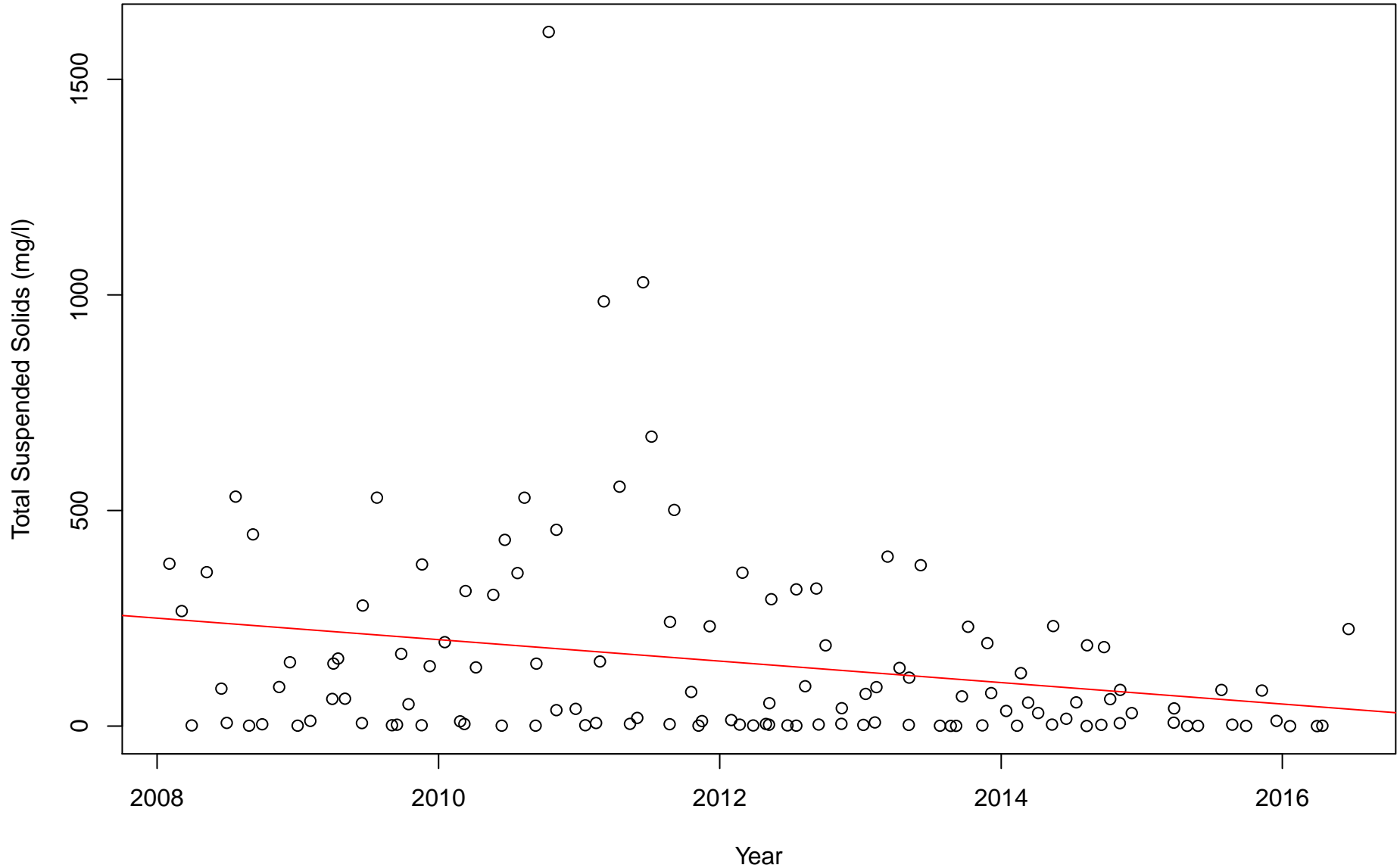
slope = -8.18476392301159; p-value = 0.0779646501612788

PG15MSI000012



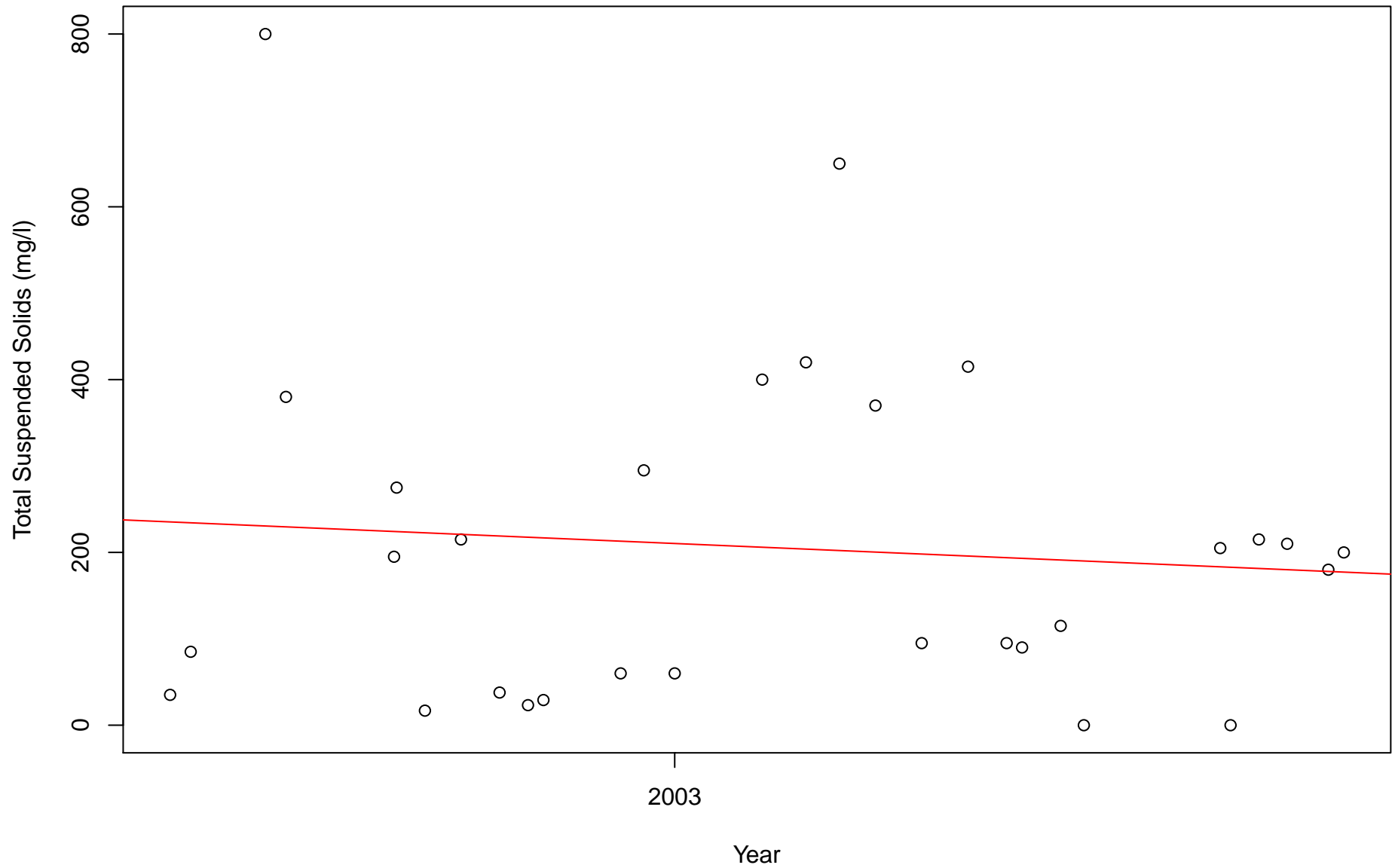
slope = -3.05929100825624; p-value = 0.555850929514498

PG15MSI000013



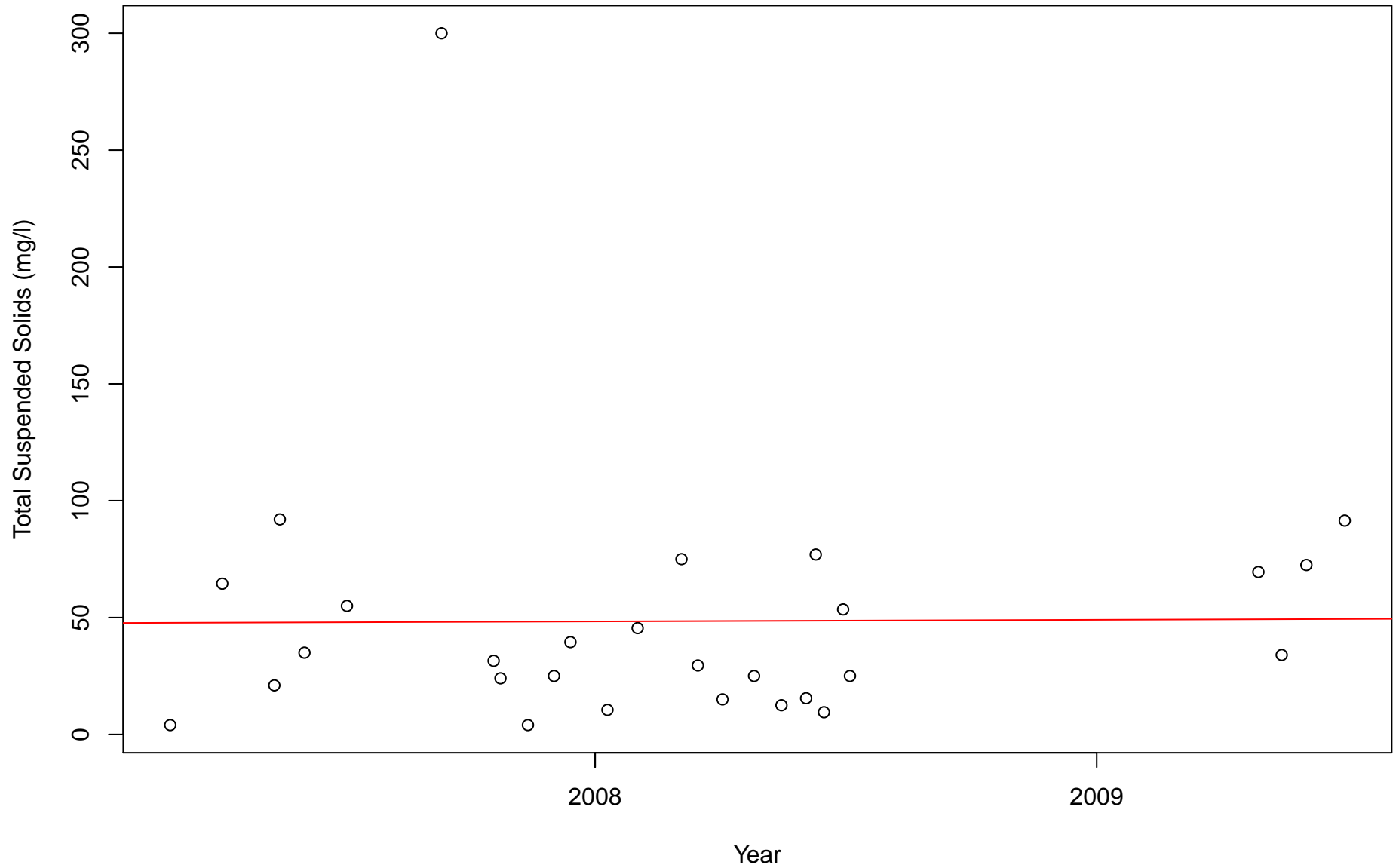
slope = -24.8821035700192 ; p-value = 0.00716925865730425

SHA02MSI00MR01



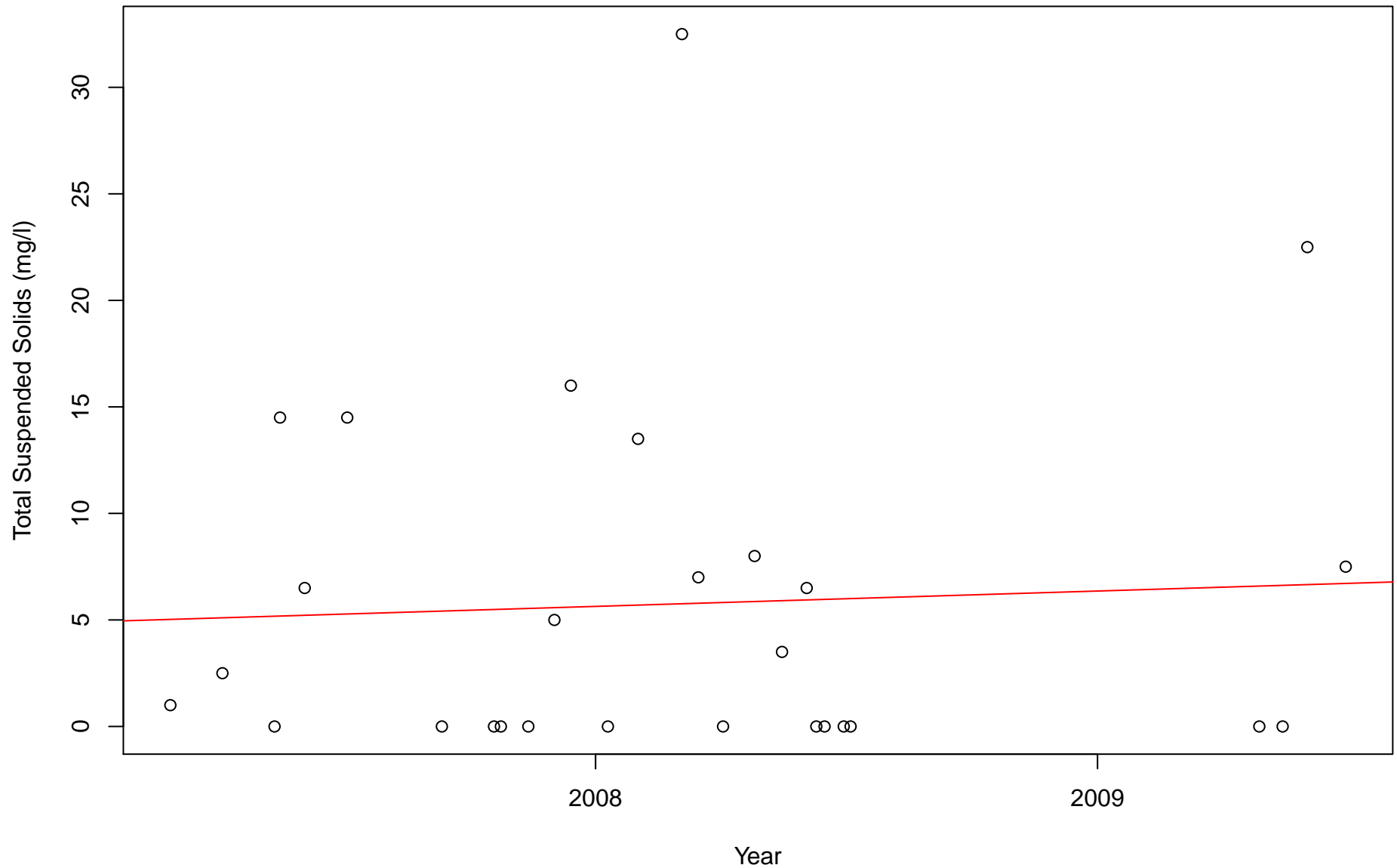
slope = -46.5049775842519; p-value = 0.62536578071644

SHA04MSI00GS01



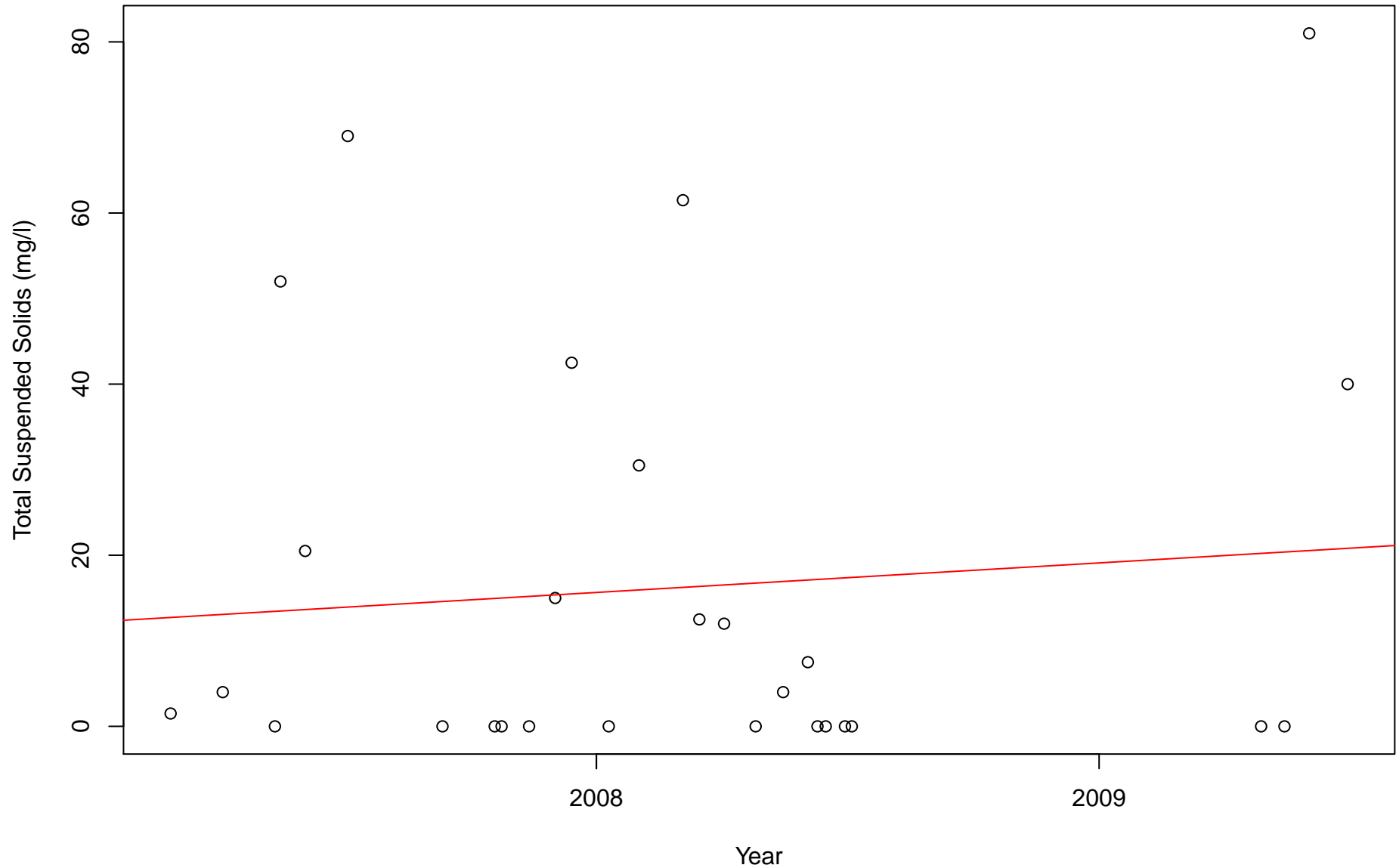
slope = 0.699368629223244; p-value = 0.967069981866357

SHA04MSI00GS02



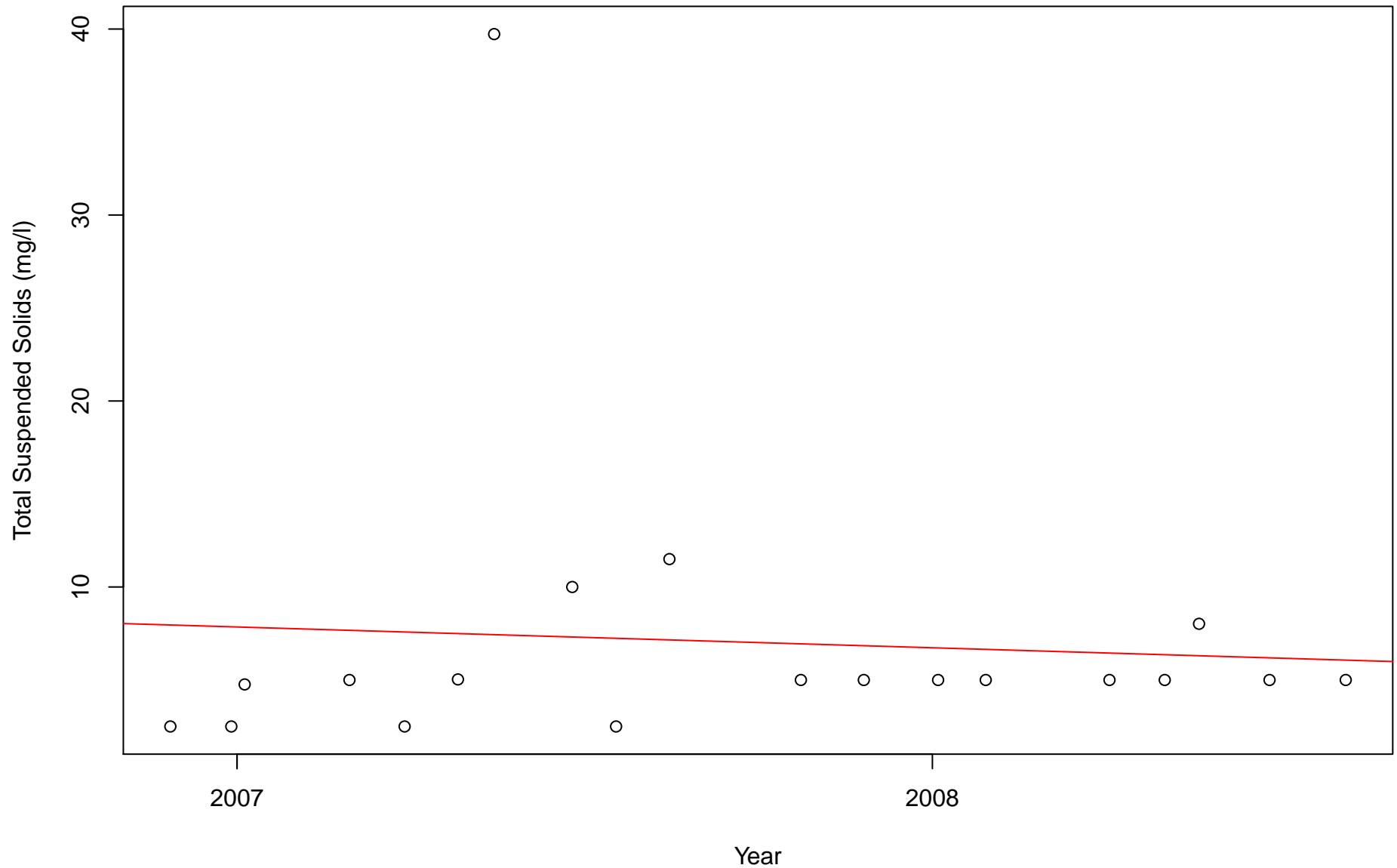
slope = 0.719173984081898; p-value = 0.770679784010529

SHA04MSI00GS03



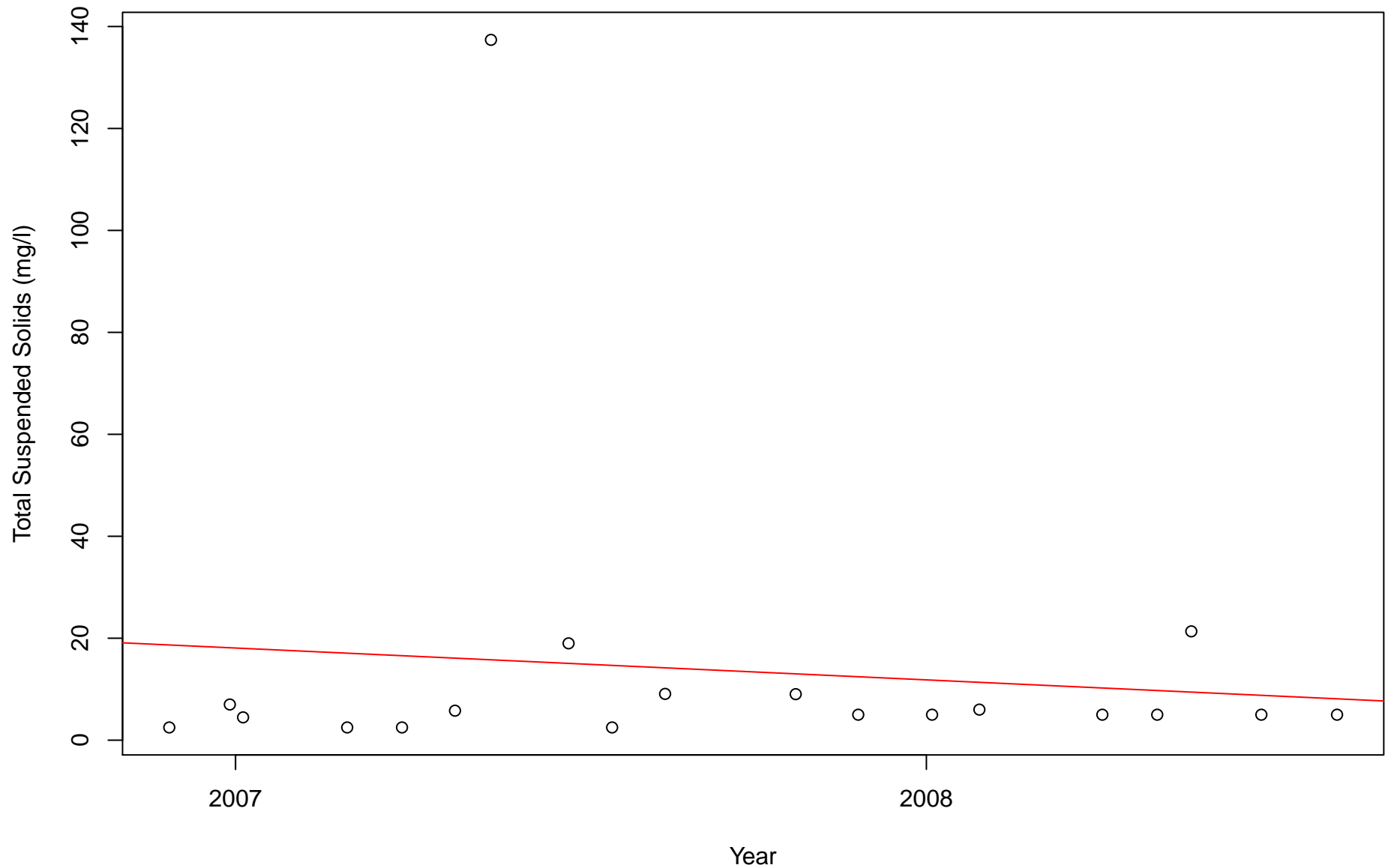
slope = 3.44366113515326; p-value = 0.63808411662701

SHA06MSI00LD01



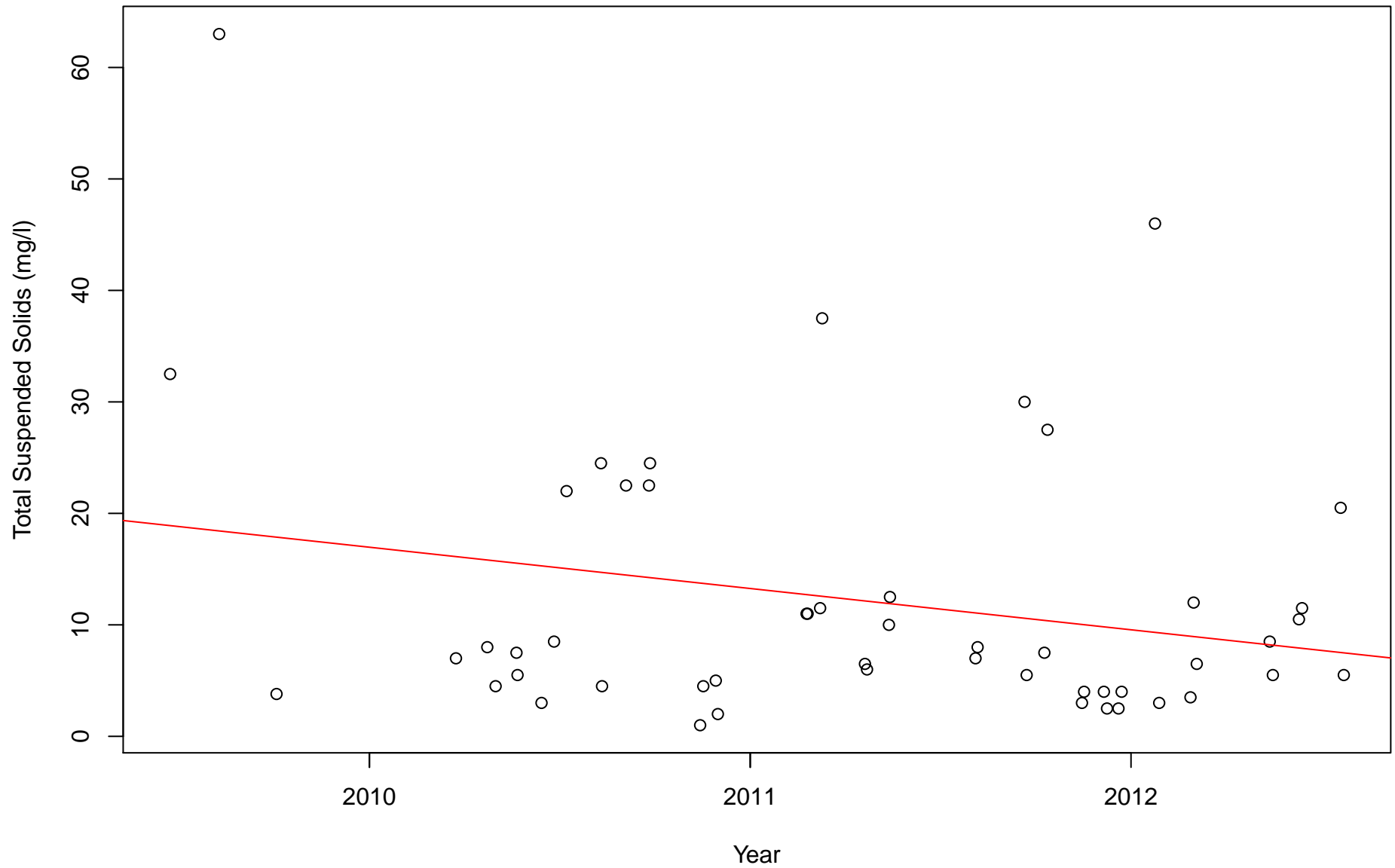
slope = -1.11843268658811 ; p-value = 0.764419589818544

SHA06MSI00LD02

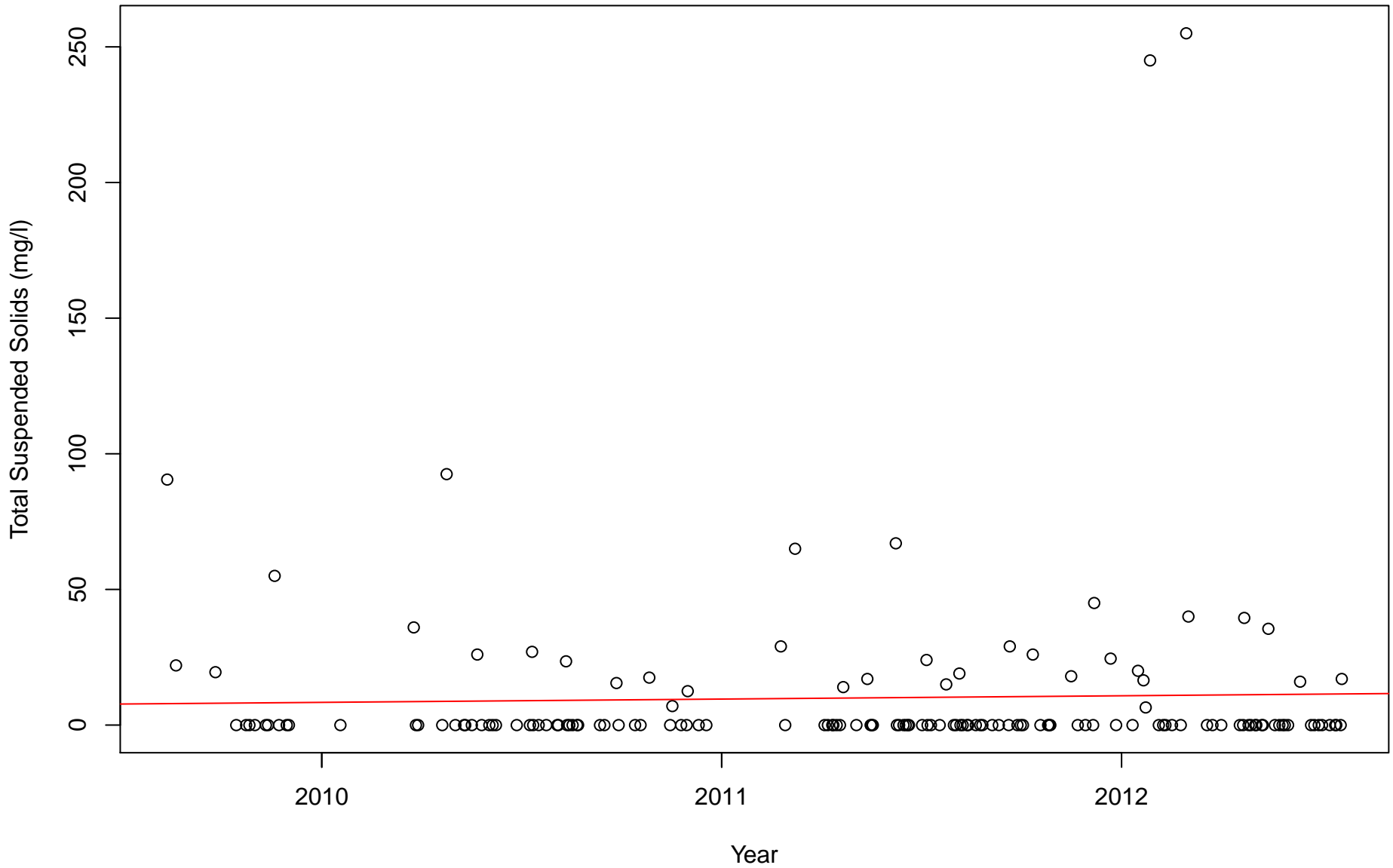


slope = -6.24830833206655; p-value = 0.648703753391003

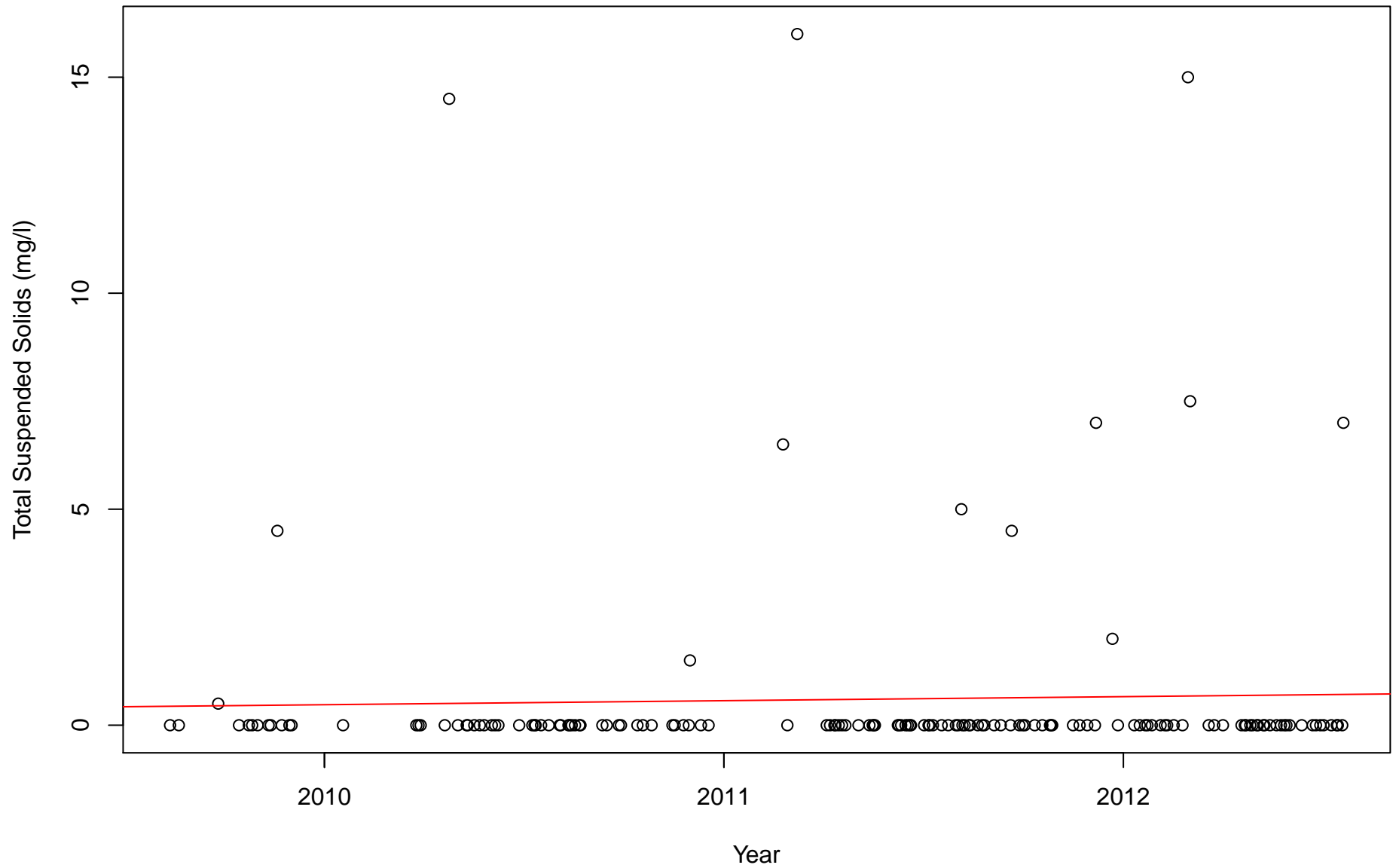
SHA08MSI00WI01



slope = -3.70285355770164; p-value = 0.0874563850229209

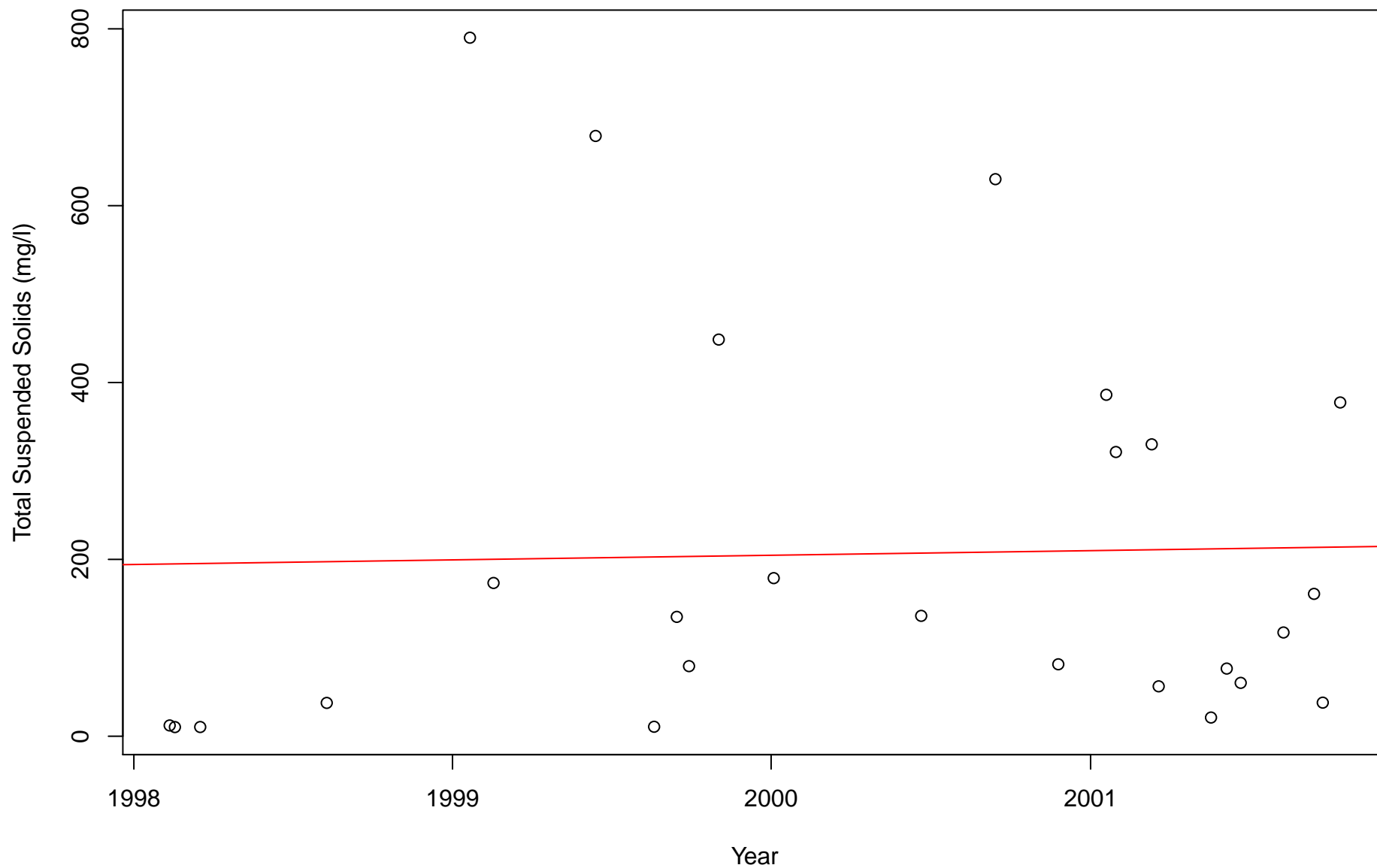
SHA08MSI00WI02

slope = 1.21583022307233; p-value = 0.702643195528161

SHA08MSI00WI03

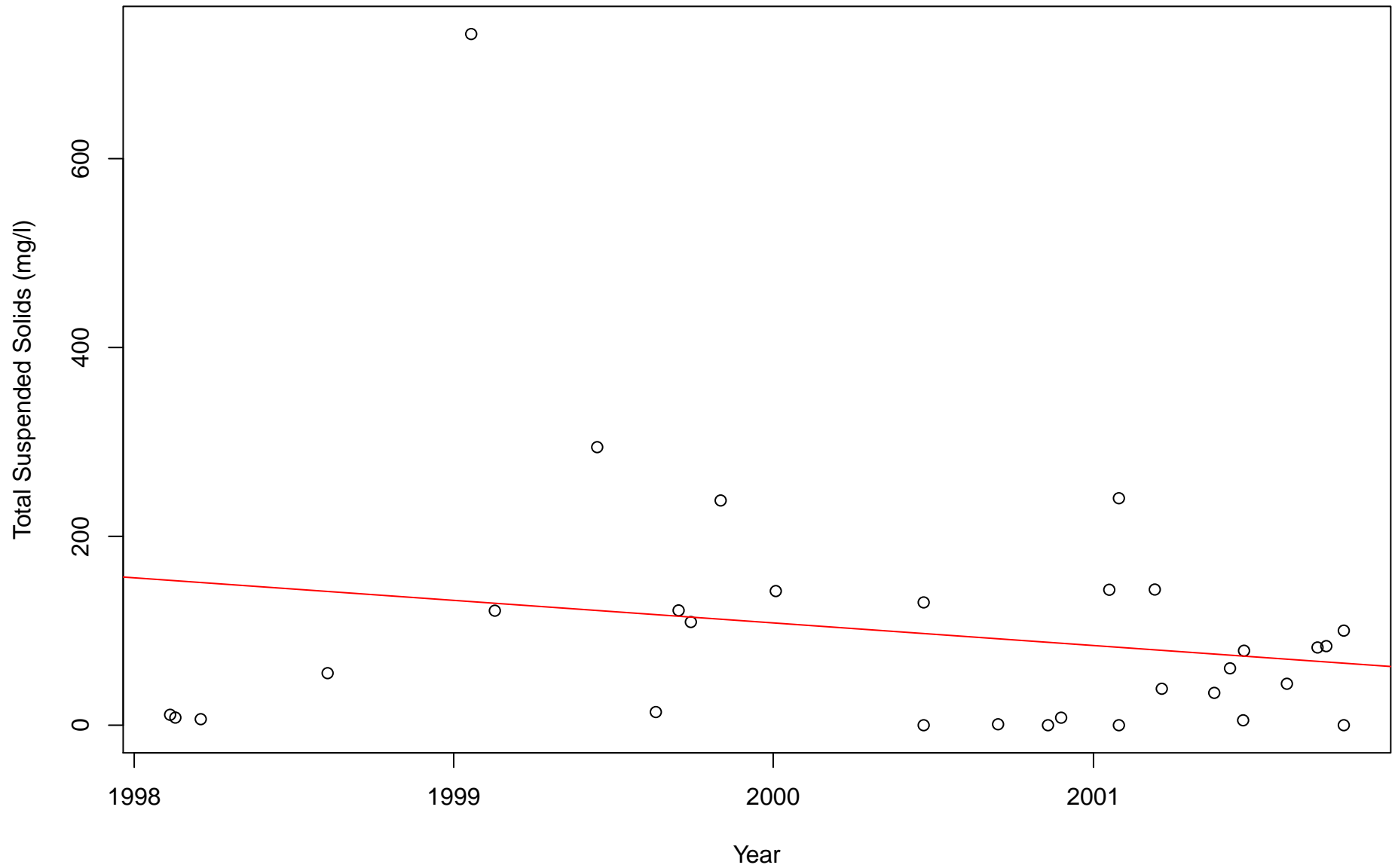
slope = 0.0932622346246644; p-value = 0.700840363366636

SHA98MSI00PS01



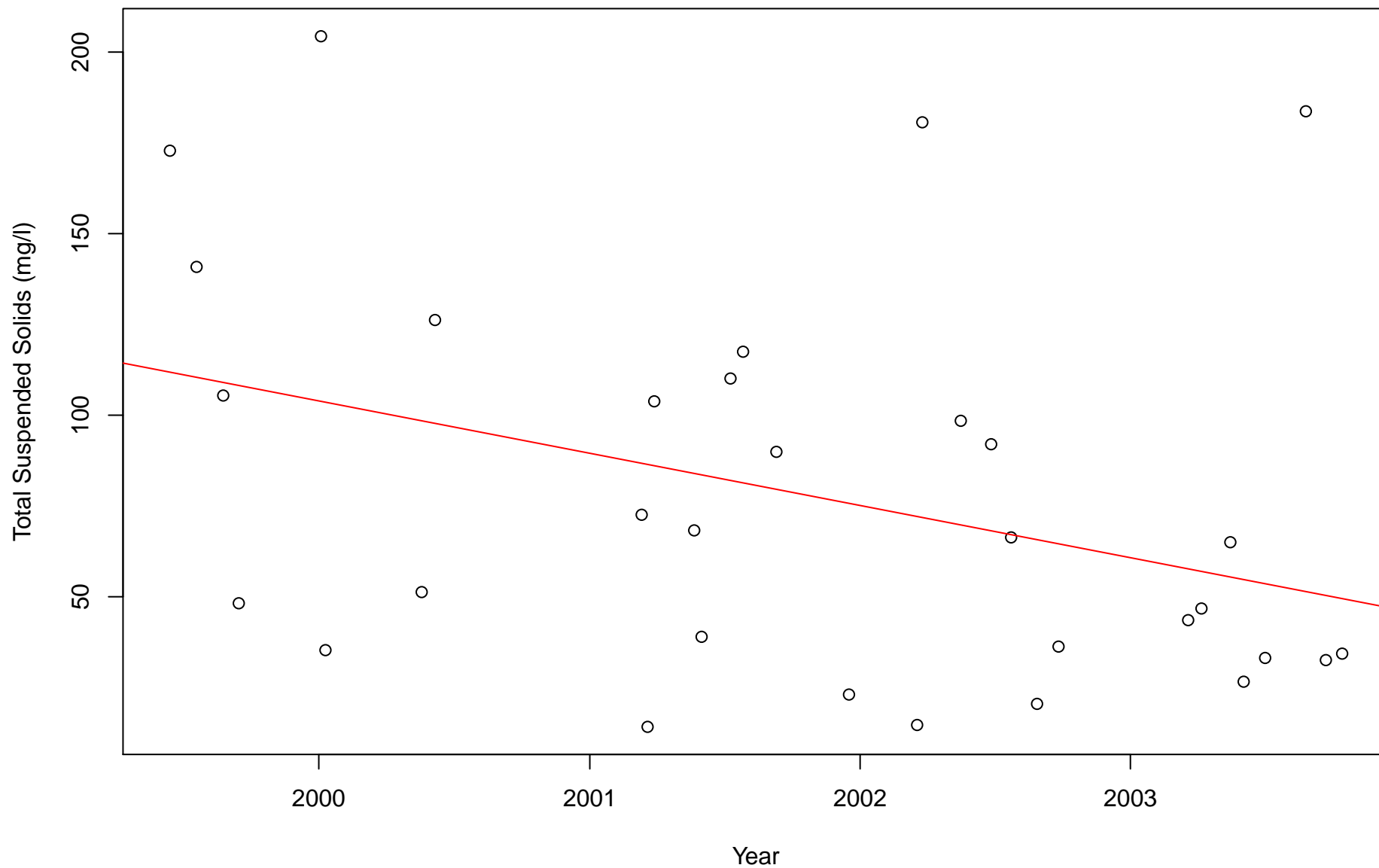
slope = 5.21778730342115; p-value = 0.890623782960661

SHA98MSI00PS02



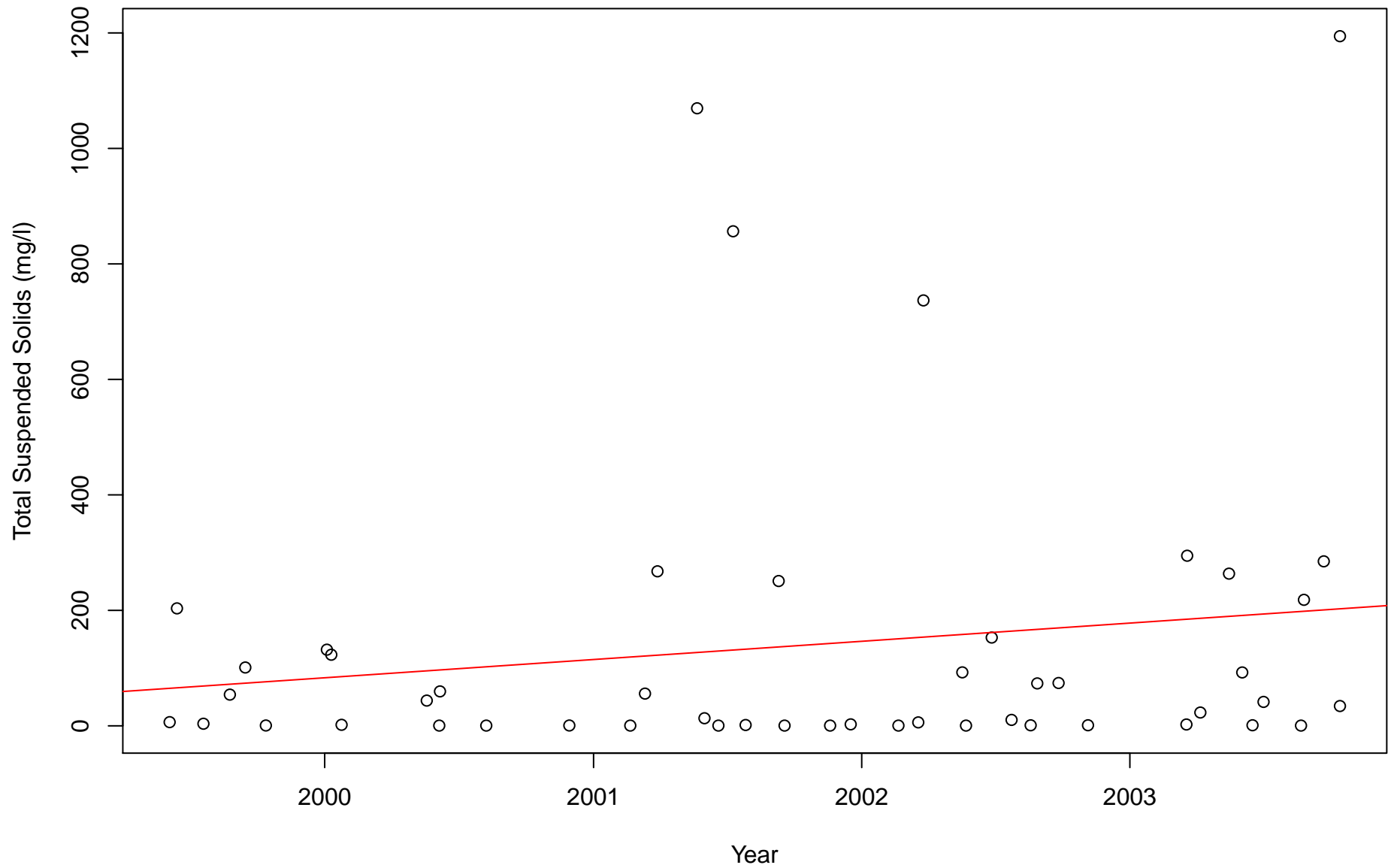
slope = -23.8823011782261 ; p-value = 0.28650175278773

SHA99MSI00DV01



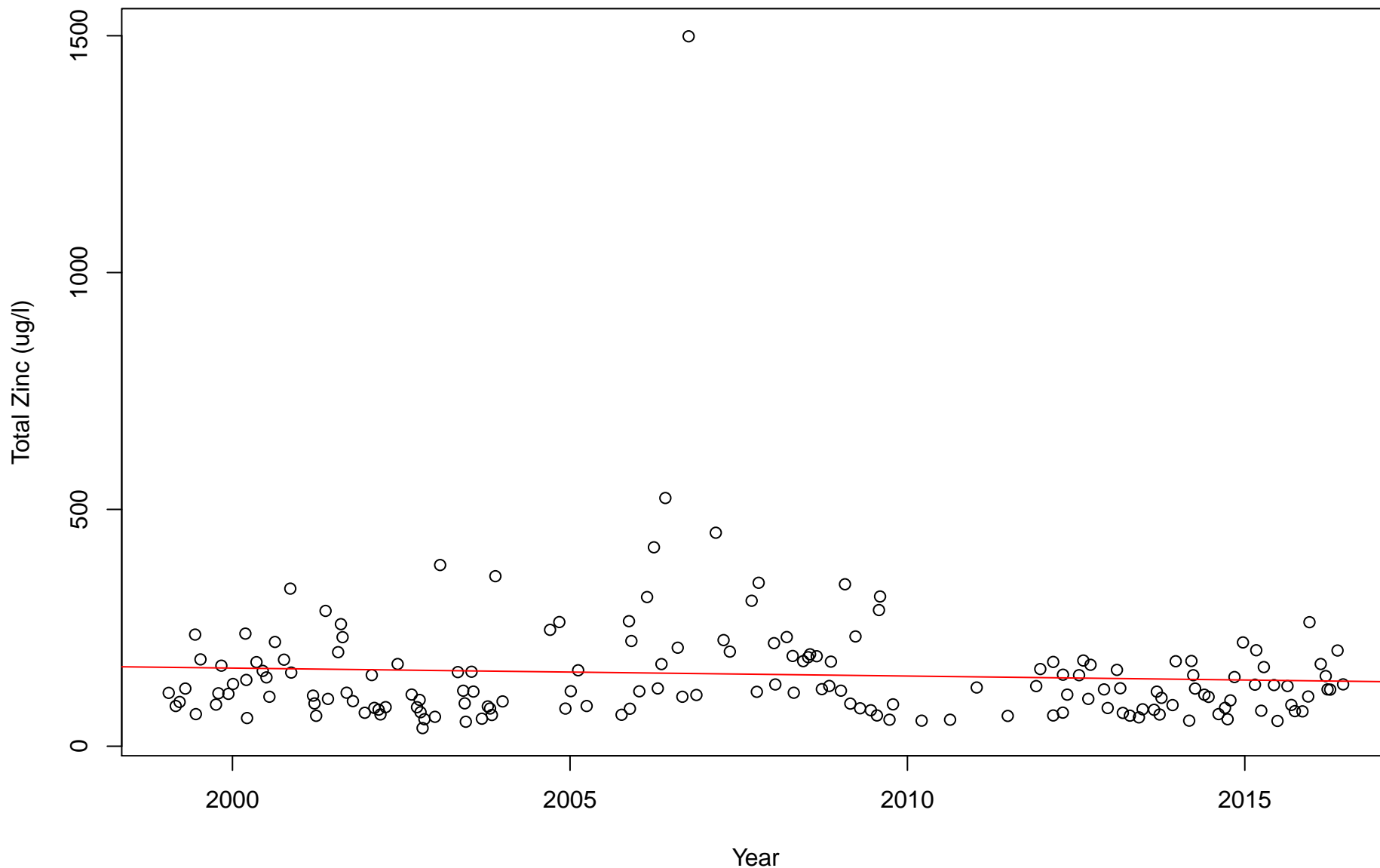
slope = -14.3782825185367; p-value = 0.0400278288177271

SHA99MSI00DV02



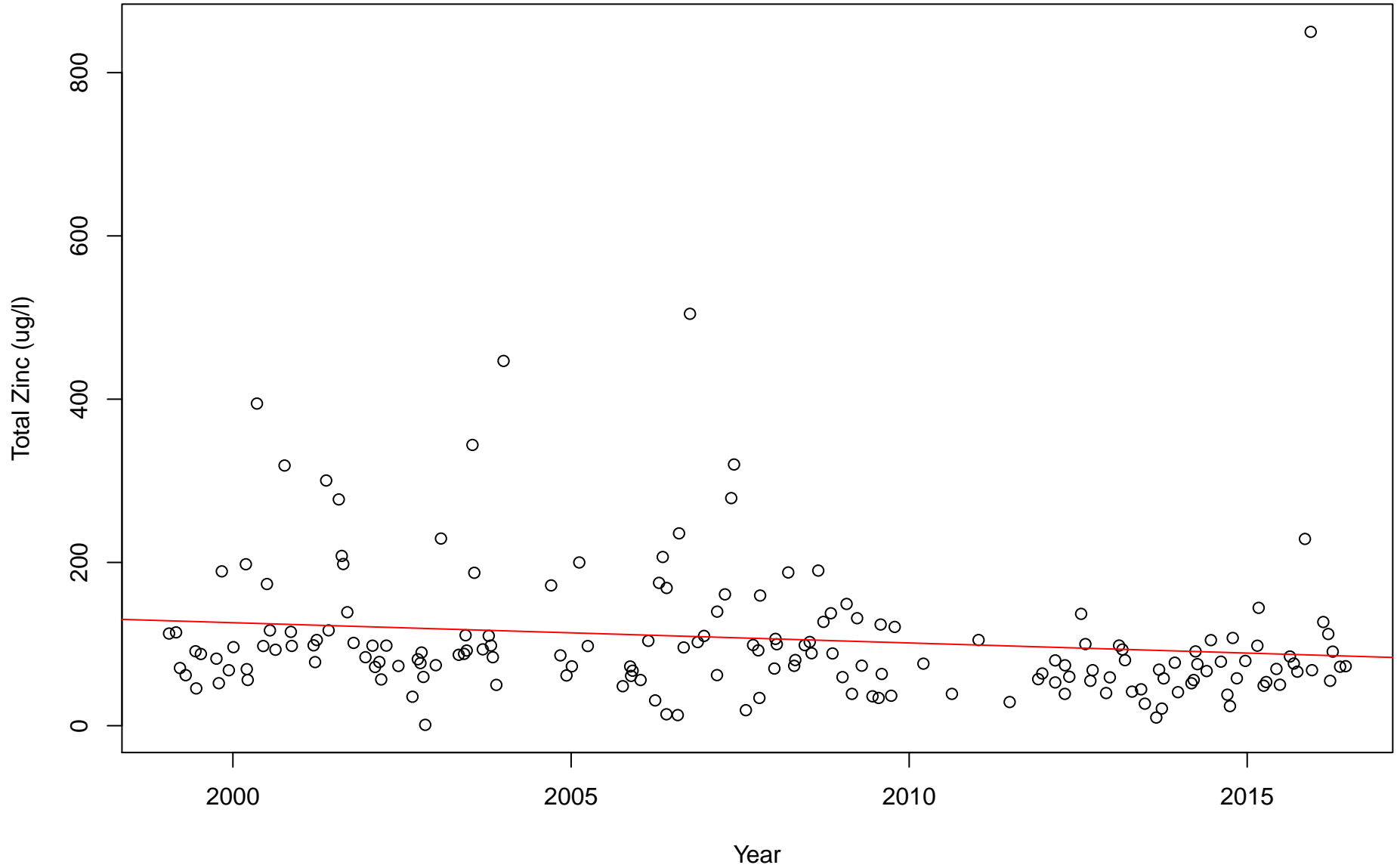
slope = 31.5463027529798; p-value = 0.271020111950983

AA94MSI000008



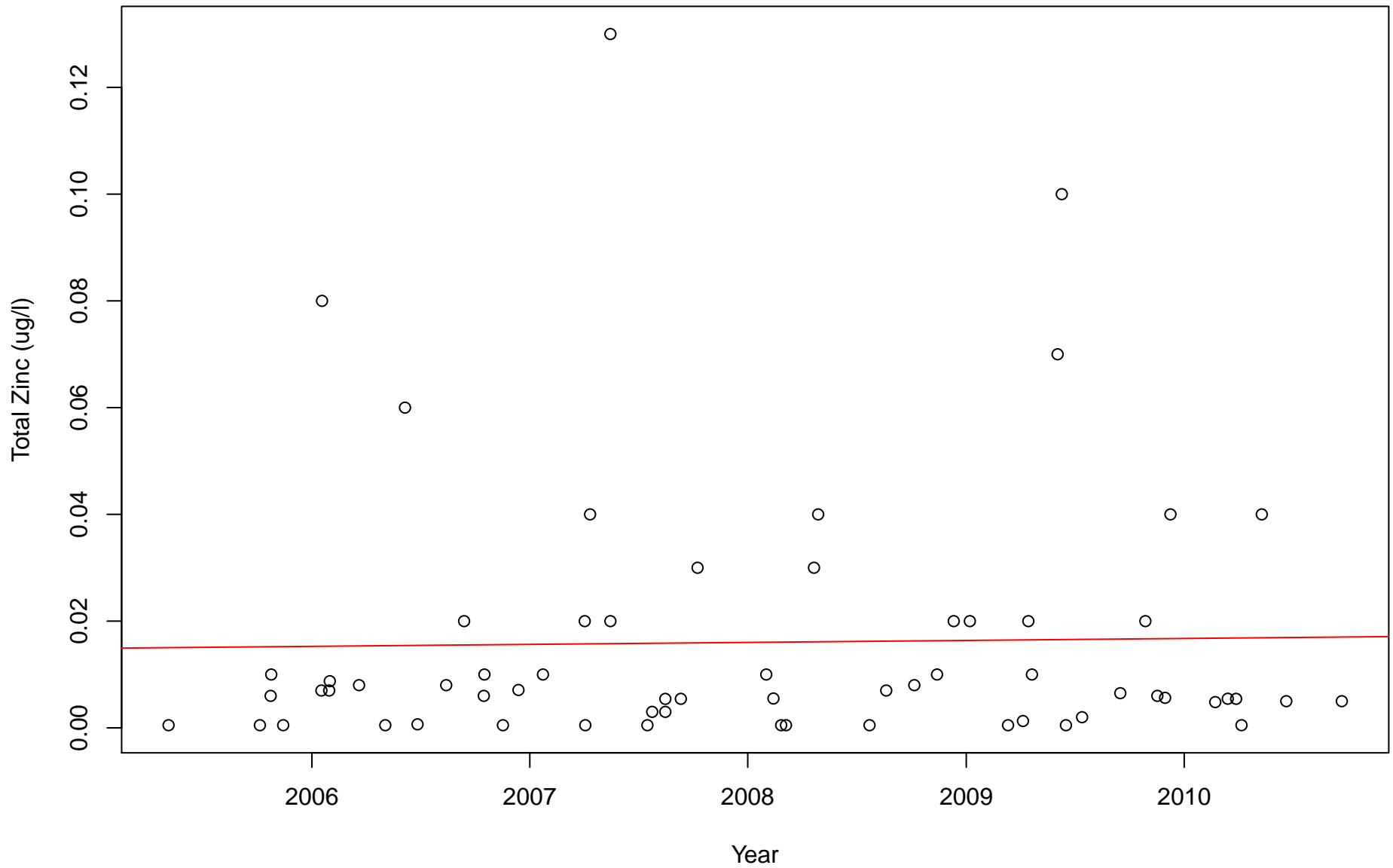
slope = -1.67801274637947 ; p-value = 0.379305872190746

AA94MSI000009



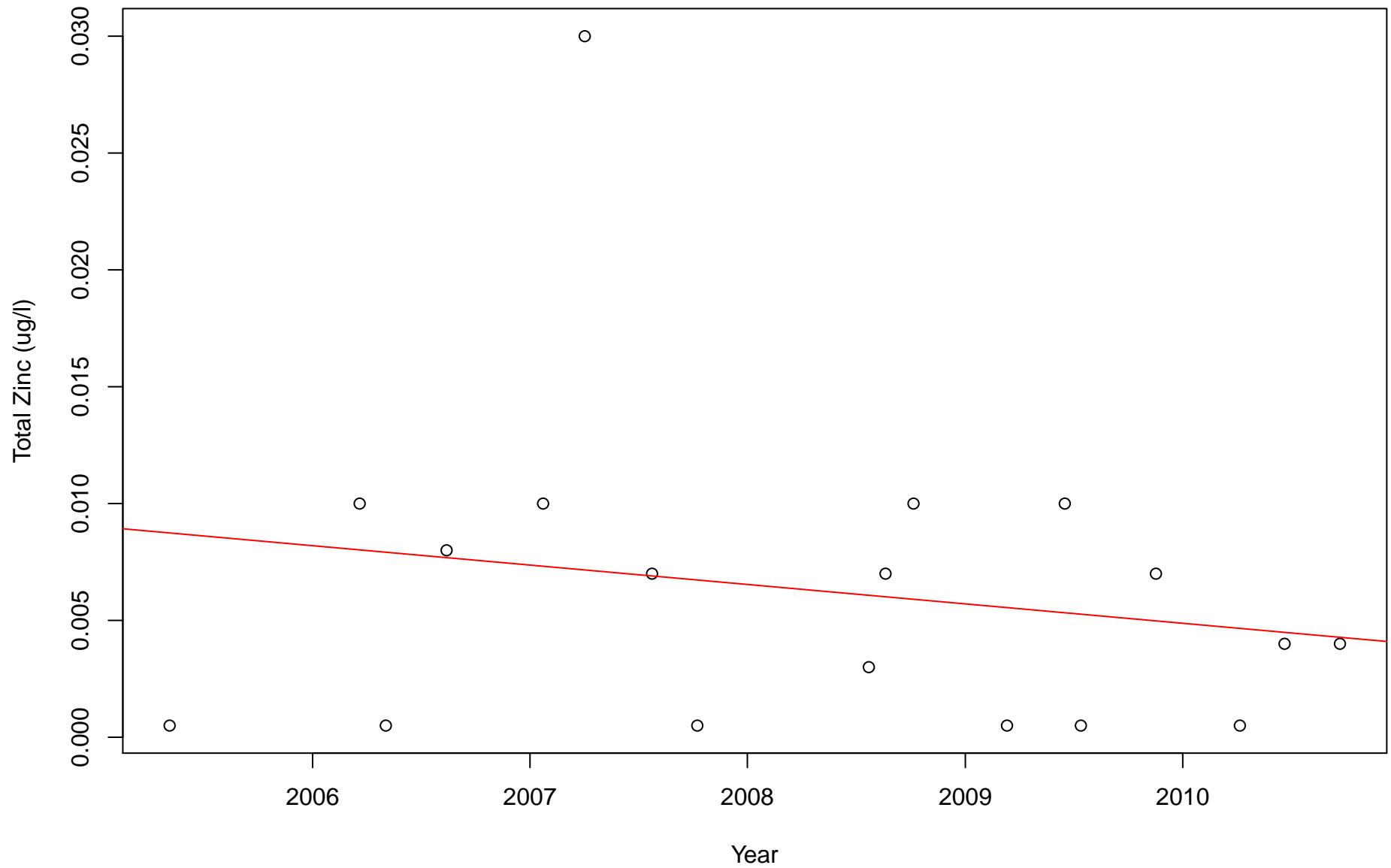
slope = -2.47960274758819 ; p-value = 0.0639373786318937

BA05MSI000SL01



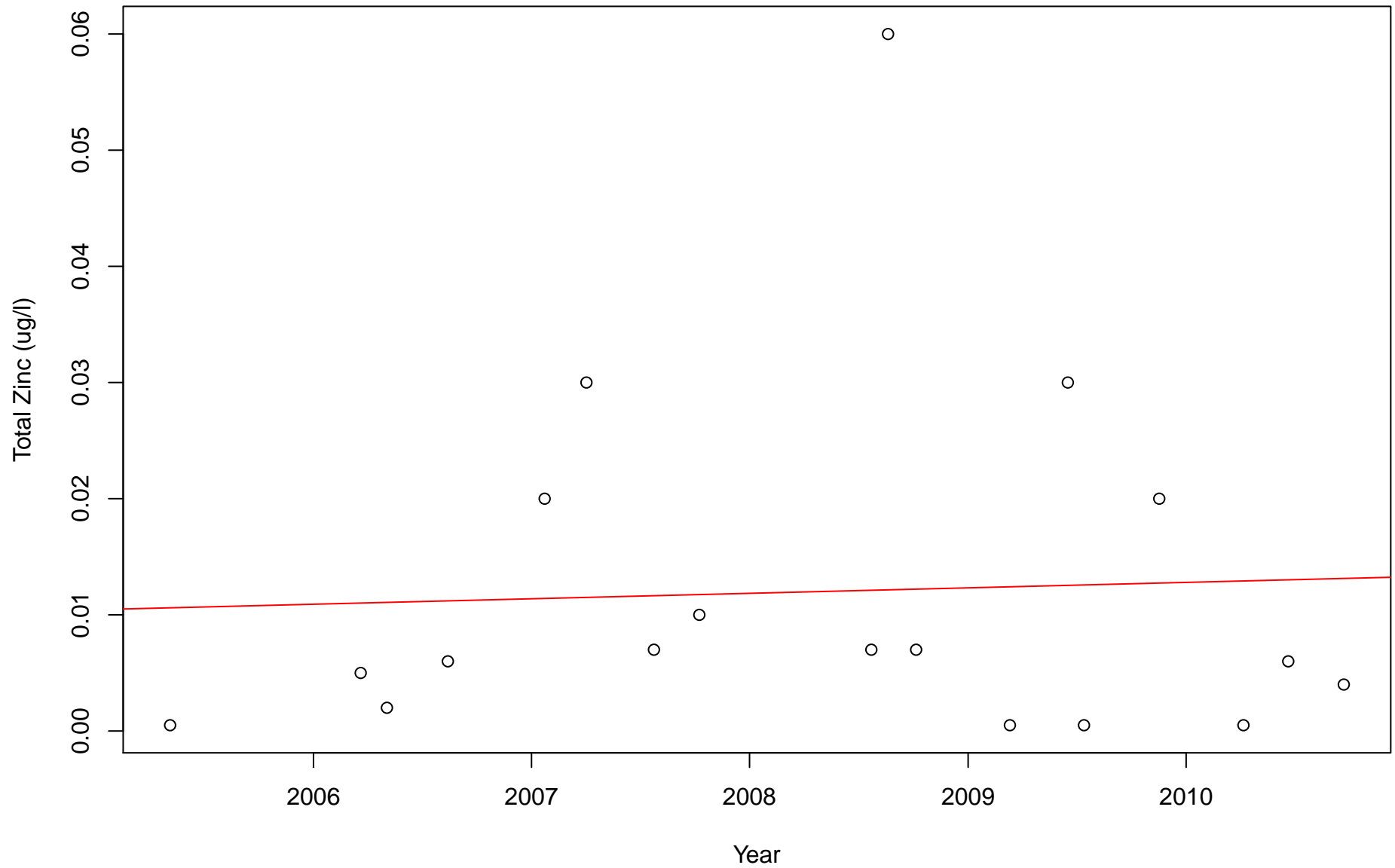
slope = 0.000369079153359717; p-value = 0.861876901001587

BA05MSI000SL02



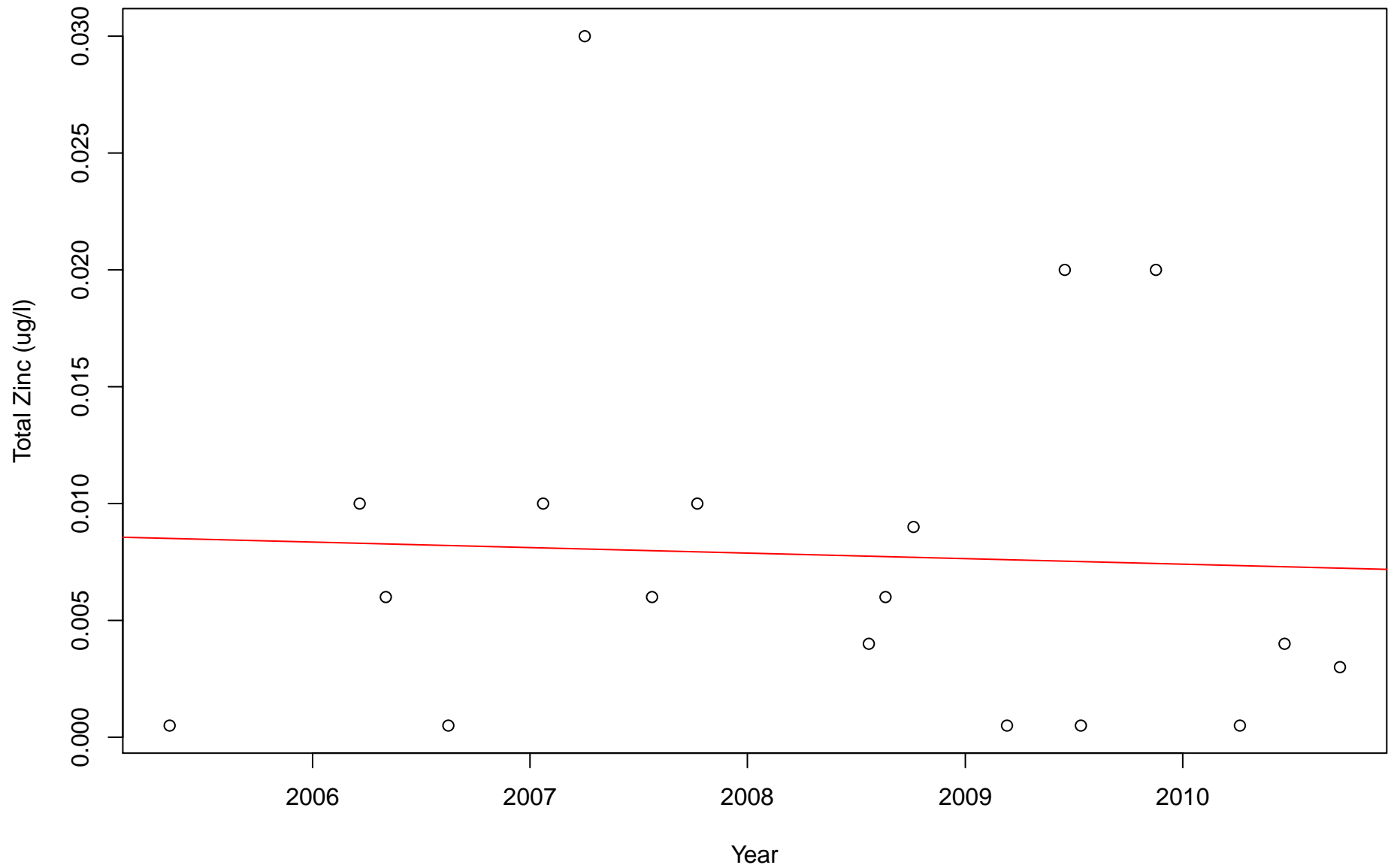
slope = -0.000829590485072423 ; p-value = 0.450261718661012

BA05MSI000SL03



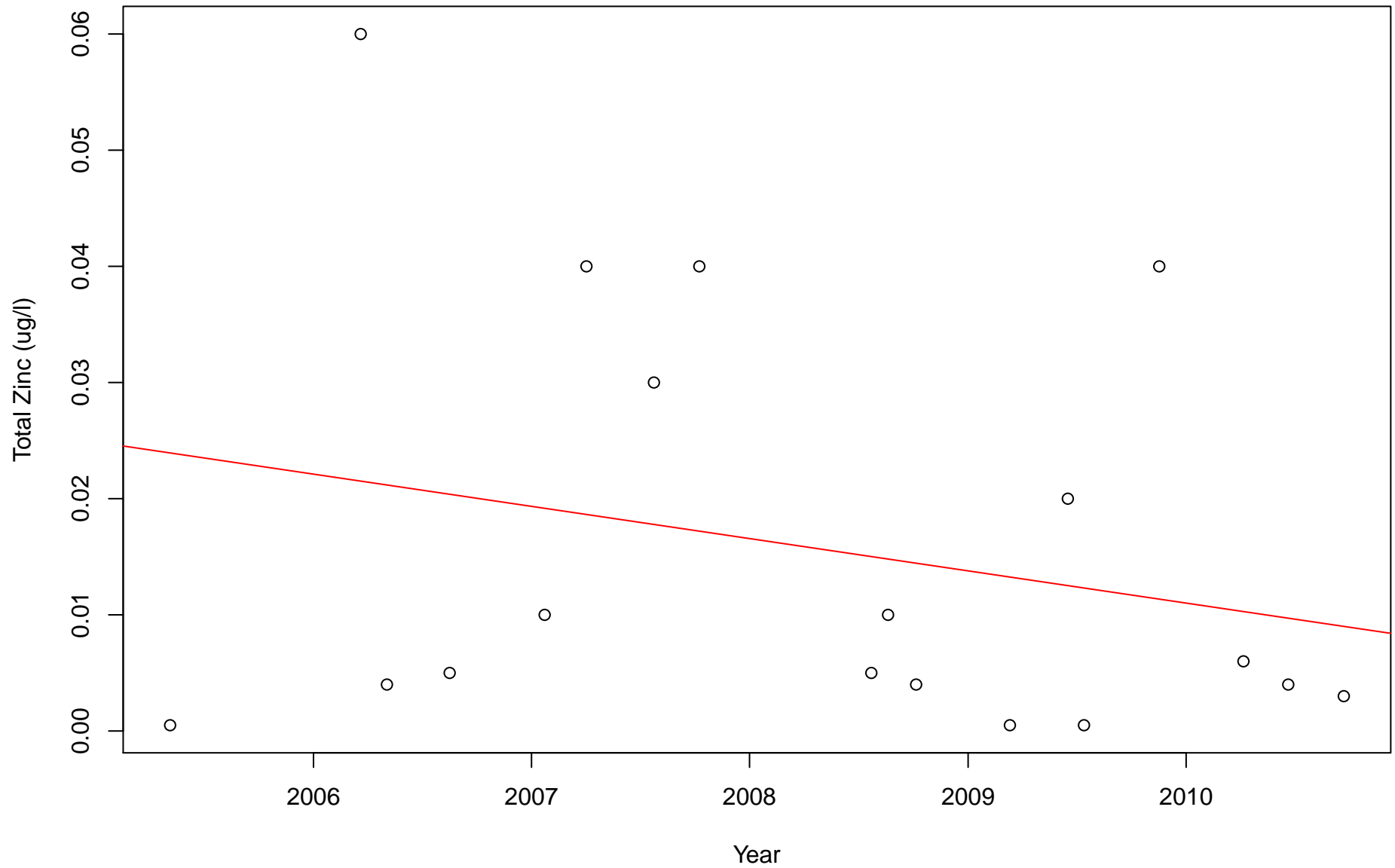
slope = 0.000469784602444825; p-value = 0.845095670315146

BA05MSI000SL04



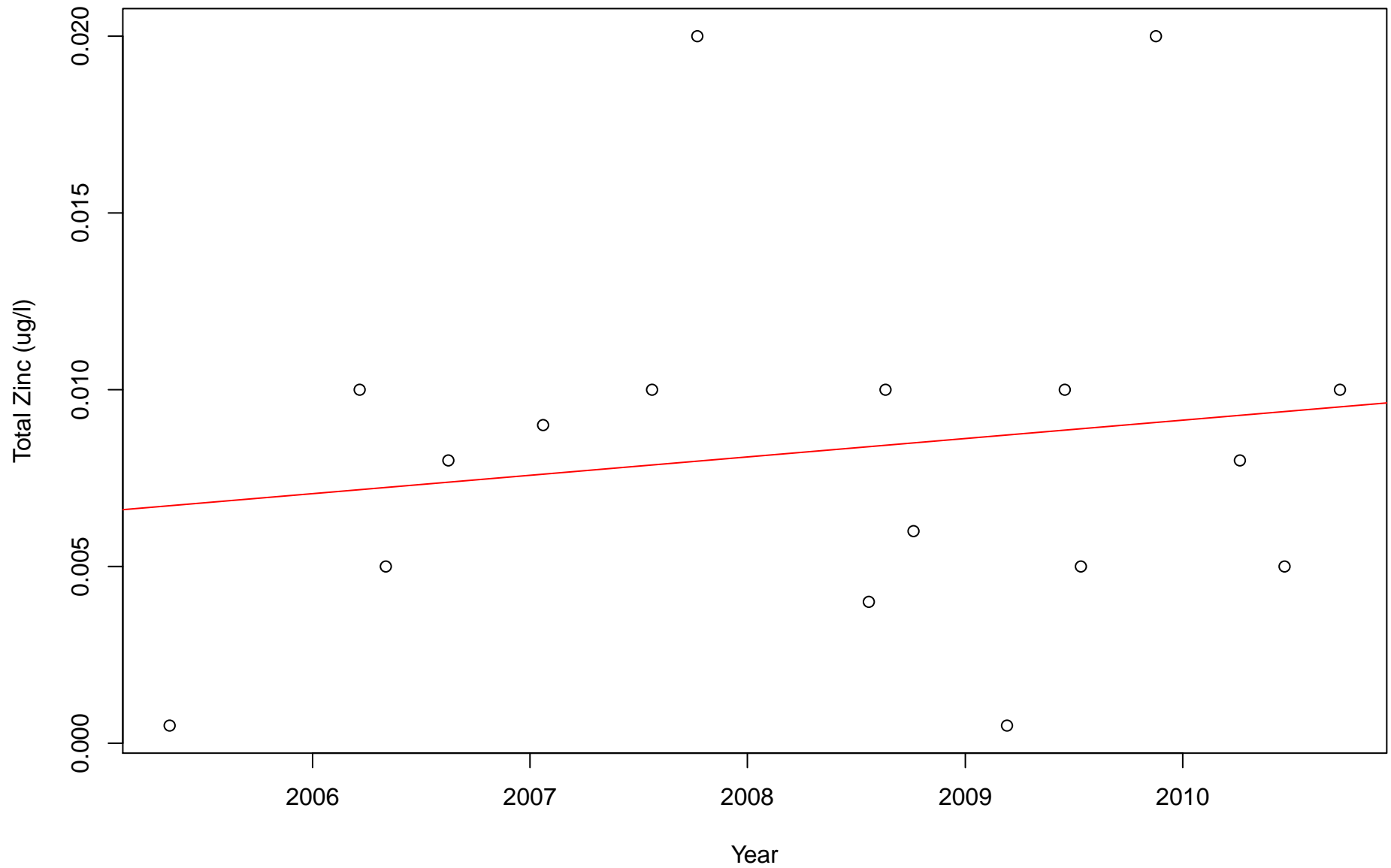
slope = -0.000236281367716891 ; p-value = 0.854156741149682

BA05MSI000SL05



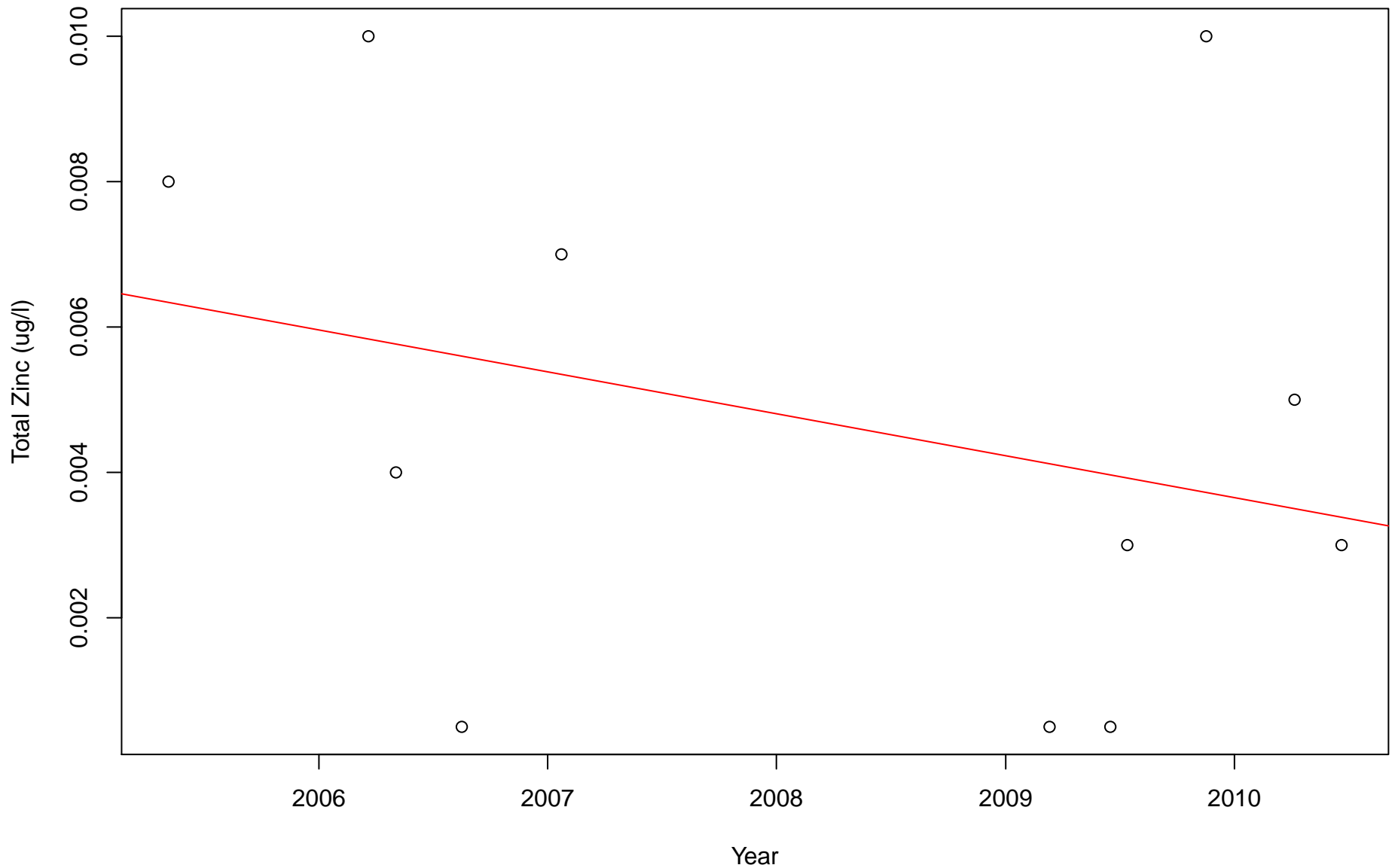
slope = -0.00277349523027622 ; p-value = 0.324584515388446

BA05MSI000SL06



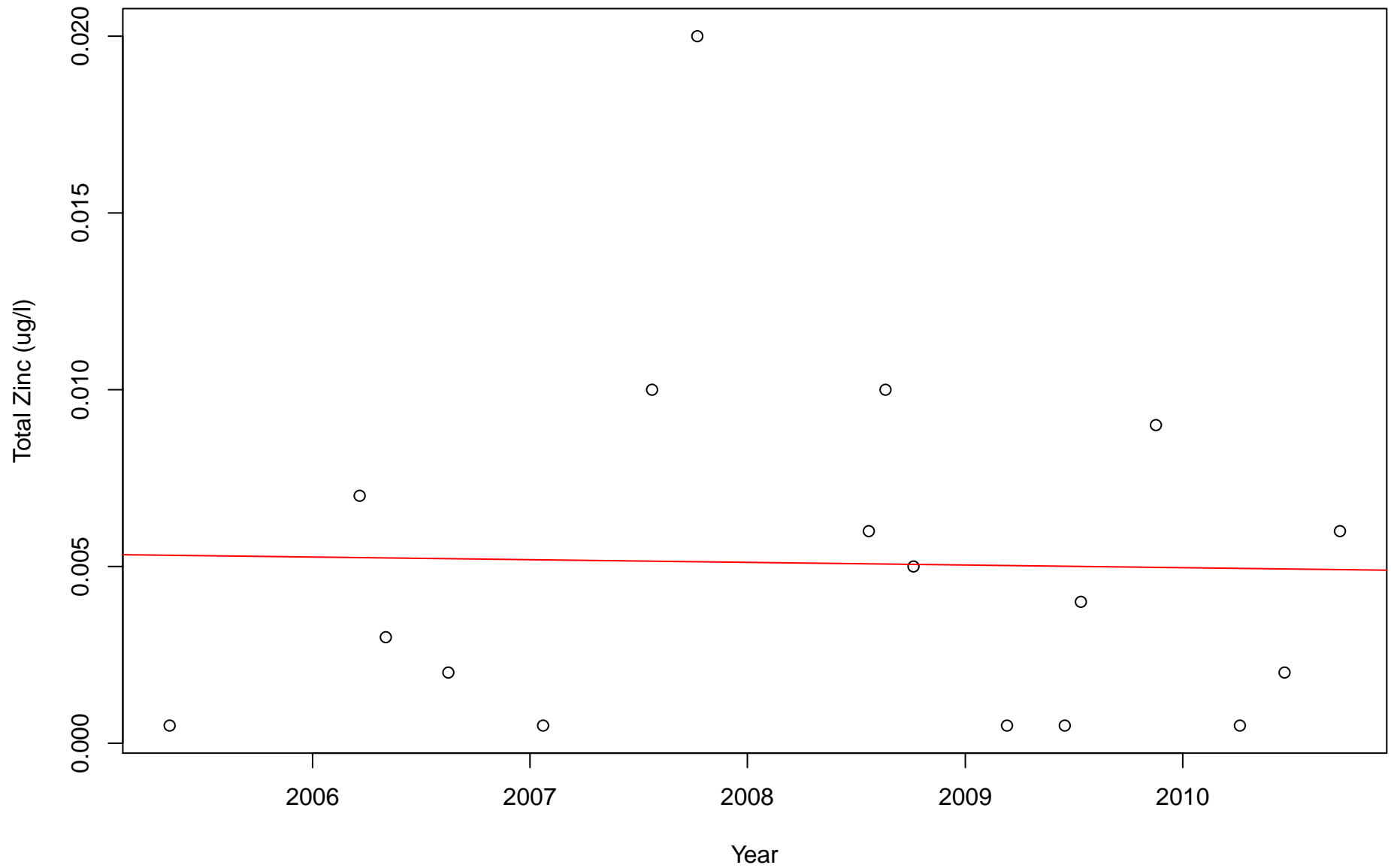
slope = 0.000519374497587128; p-value = 0.545623118225367

BA05MSI000SL07



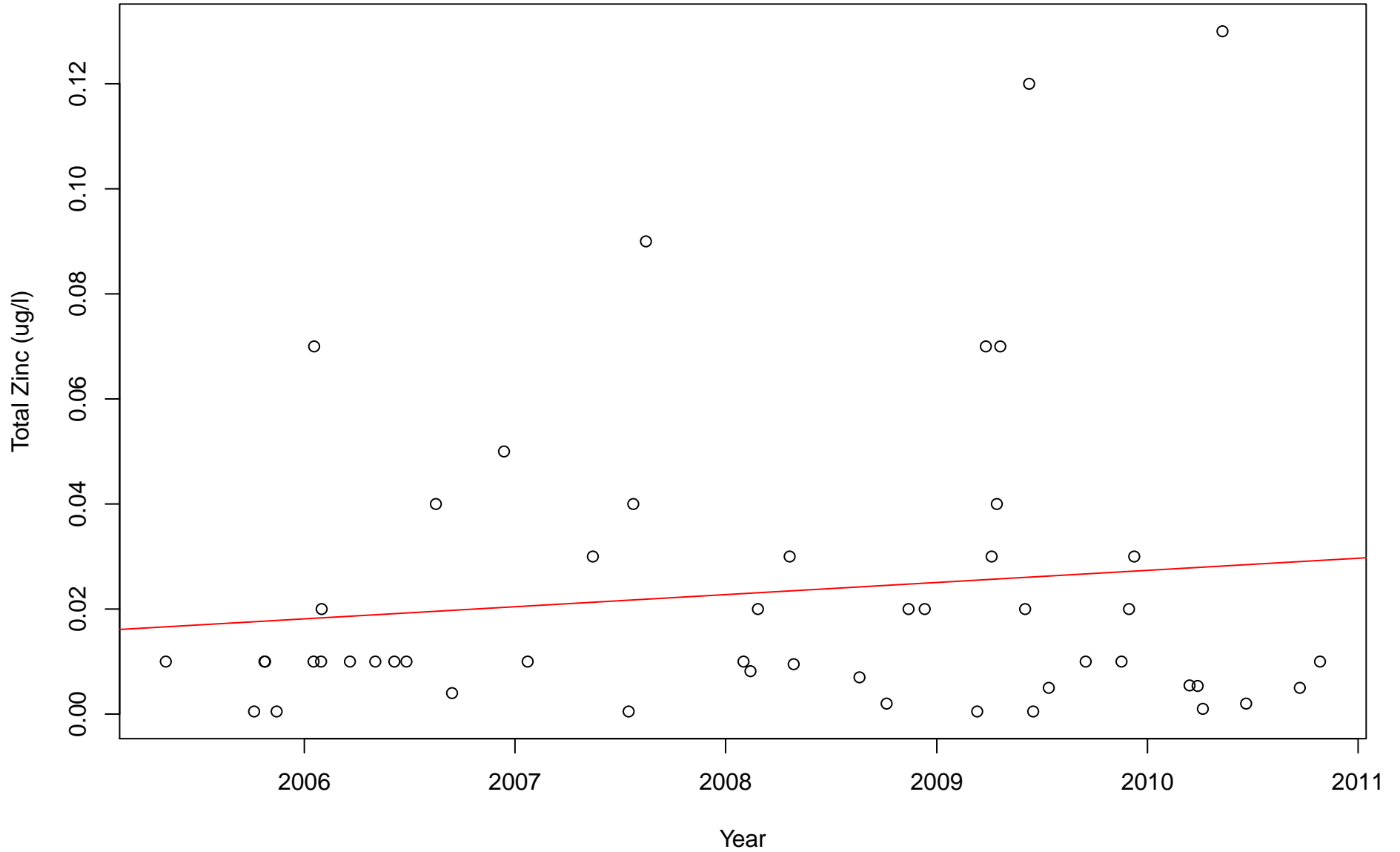
slope = -0.000576249723915582 ; p-value = 0.36815934323793

BA05MSI000SL08



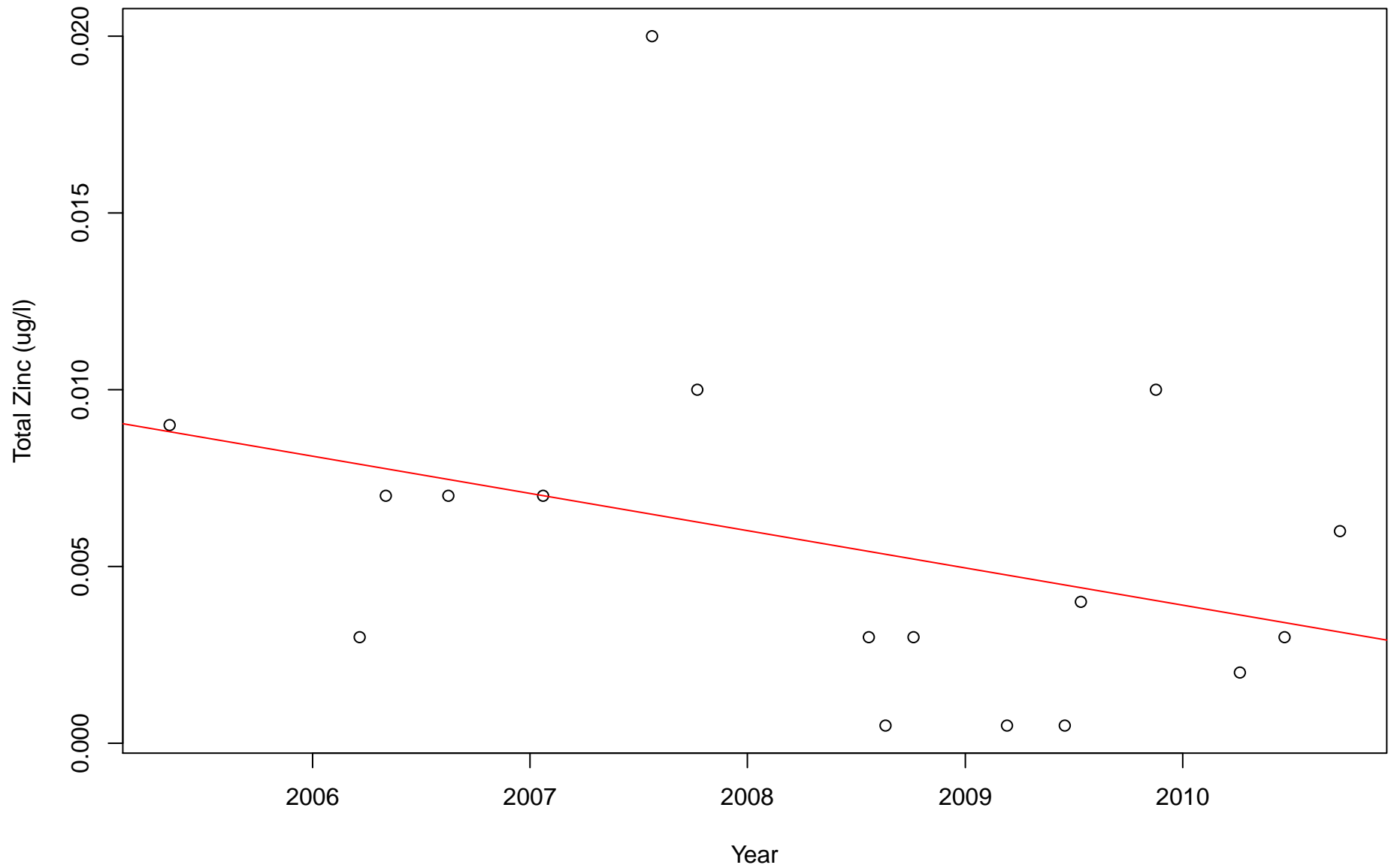
slope = $-7.54181839261569 \times 10^{-5}$; p-value = 0.926820113175664

BA05MSI000SL09

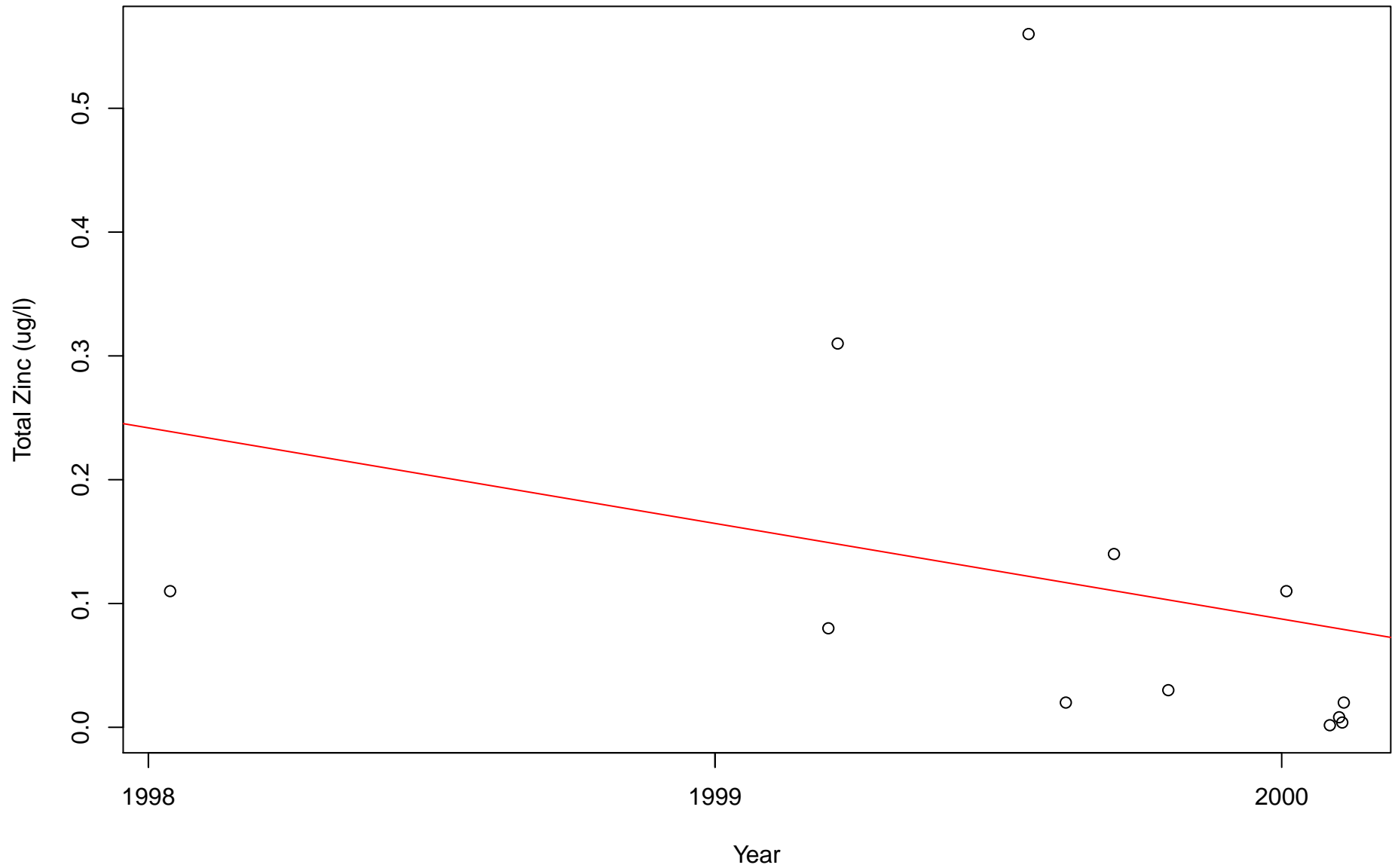


slope = 0.00230641015205951; p-value = 0.372442035469926

BA05MSI000SL10

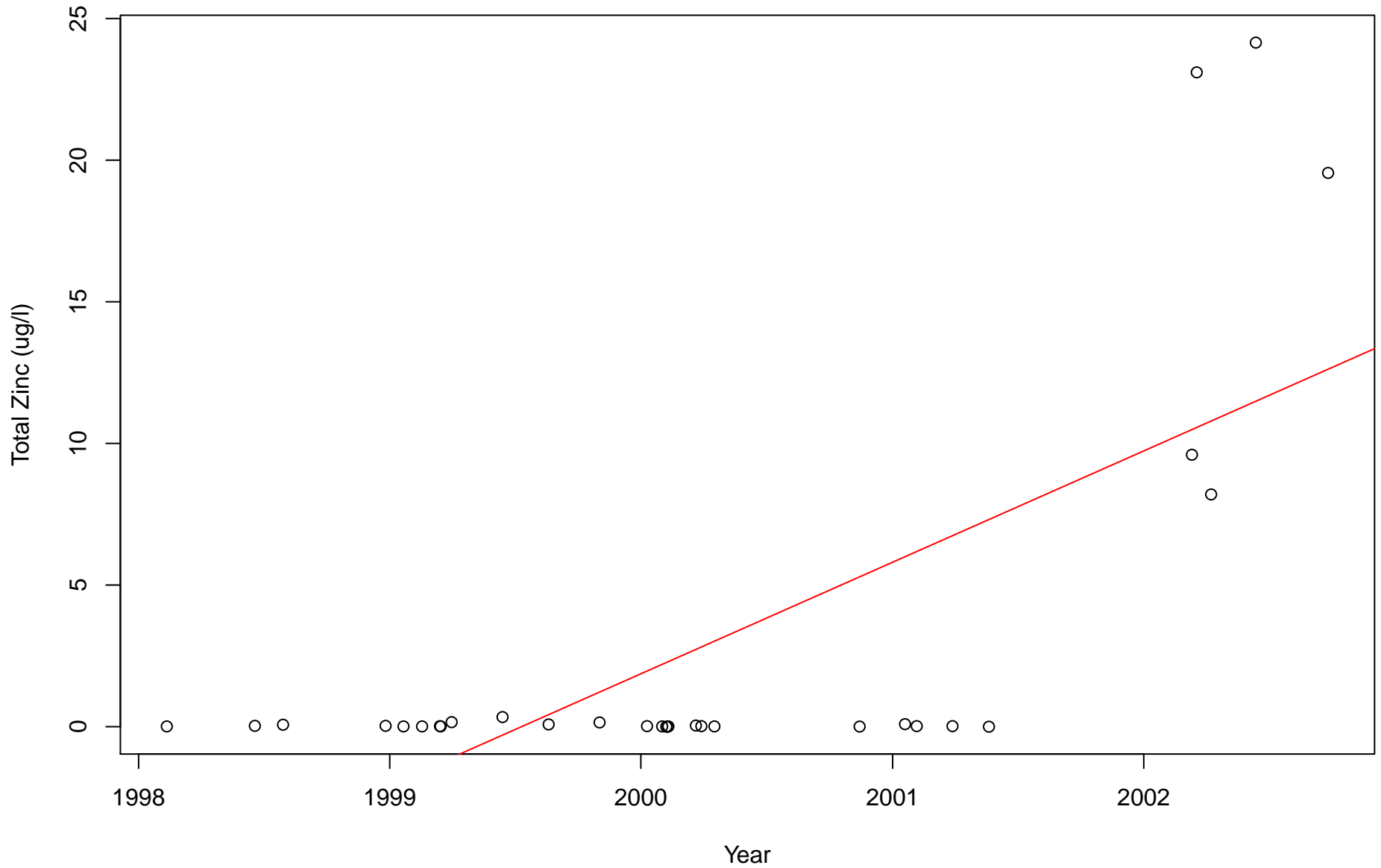


BA98MSI000LQ3



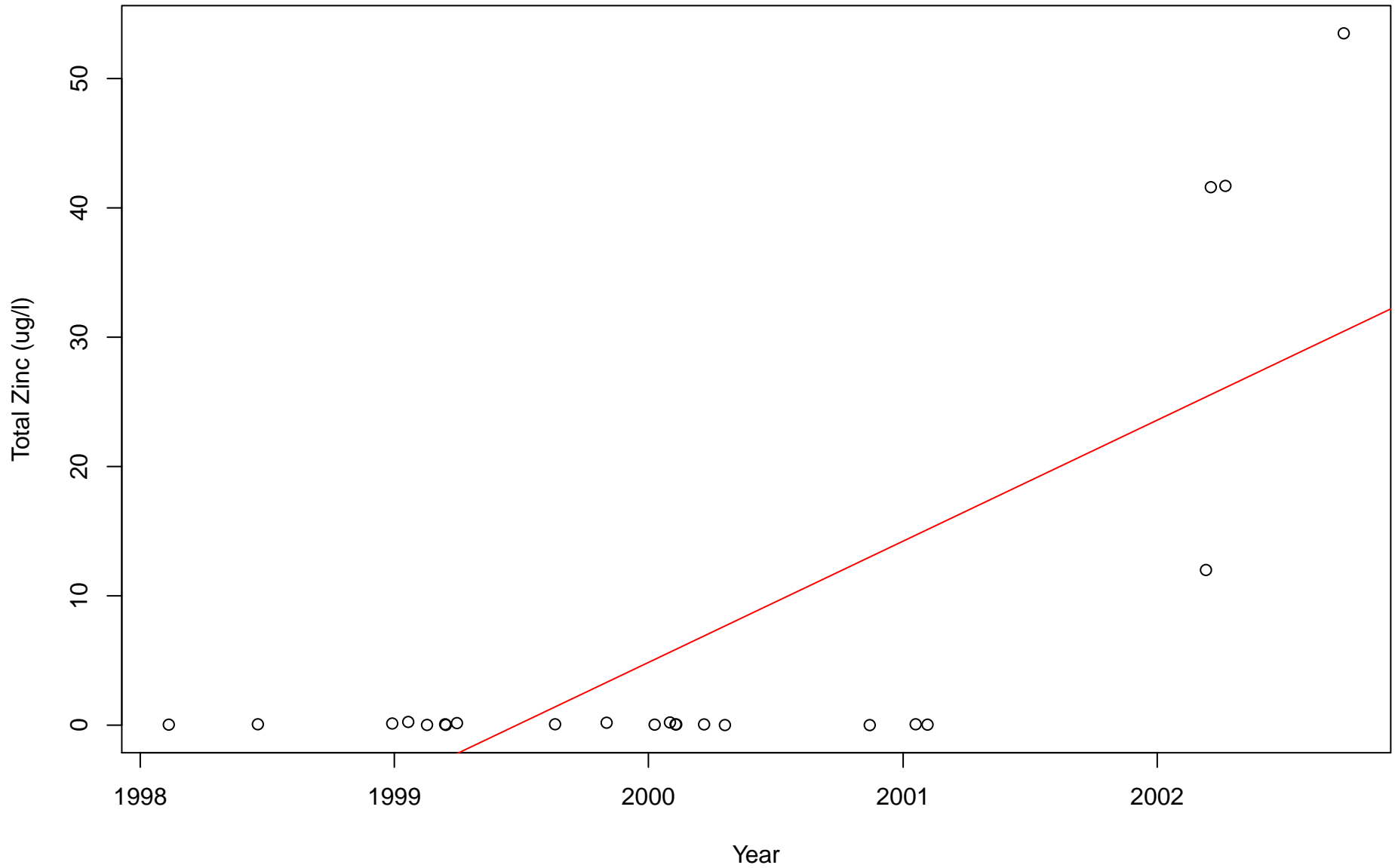
slope = -0.0771988967018808 ; p-value = 0.377119907935766

BA98MSI000SB2



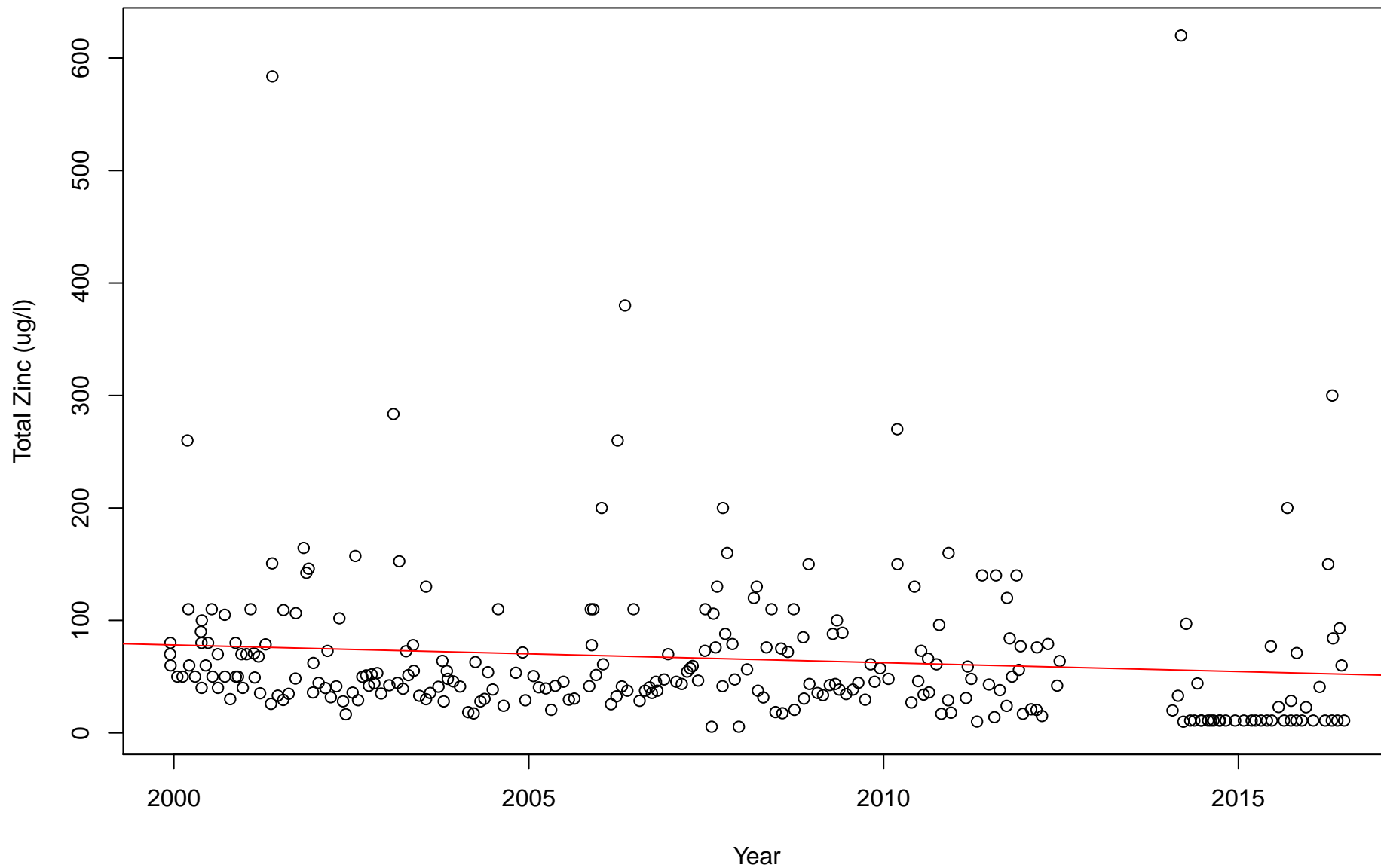
slope = 3.9287536632727; p-value = 1.10829991756338e-05

BA98MSI000SB3



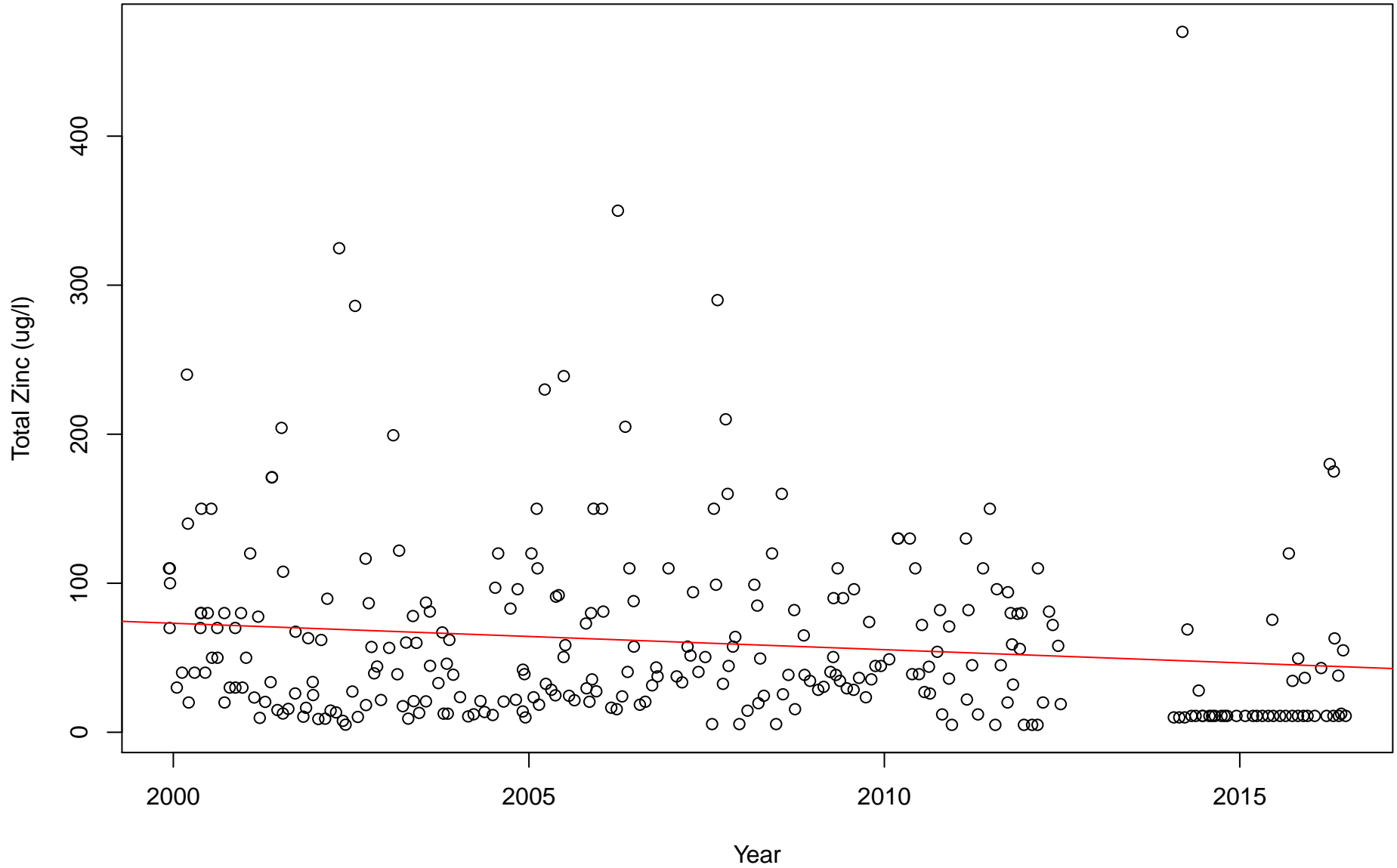
slope = 9.35627885876762; p-value = 3.54030370576252e-05

BC16MS000I81



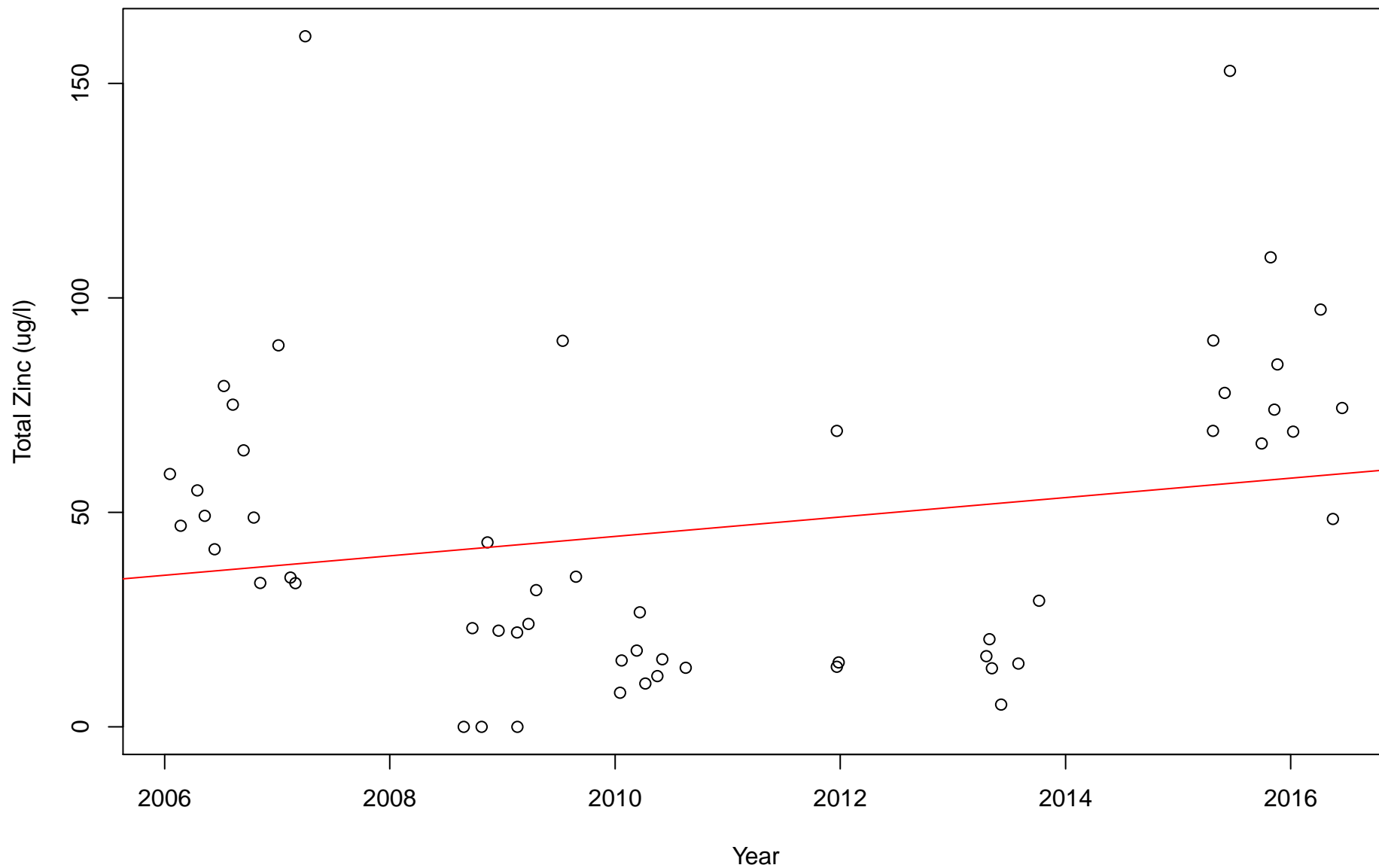
slope = -1.5741900634775 ; p-value = 0.0746190359540646

BC16MS000I82



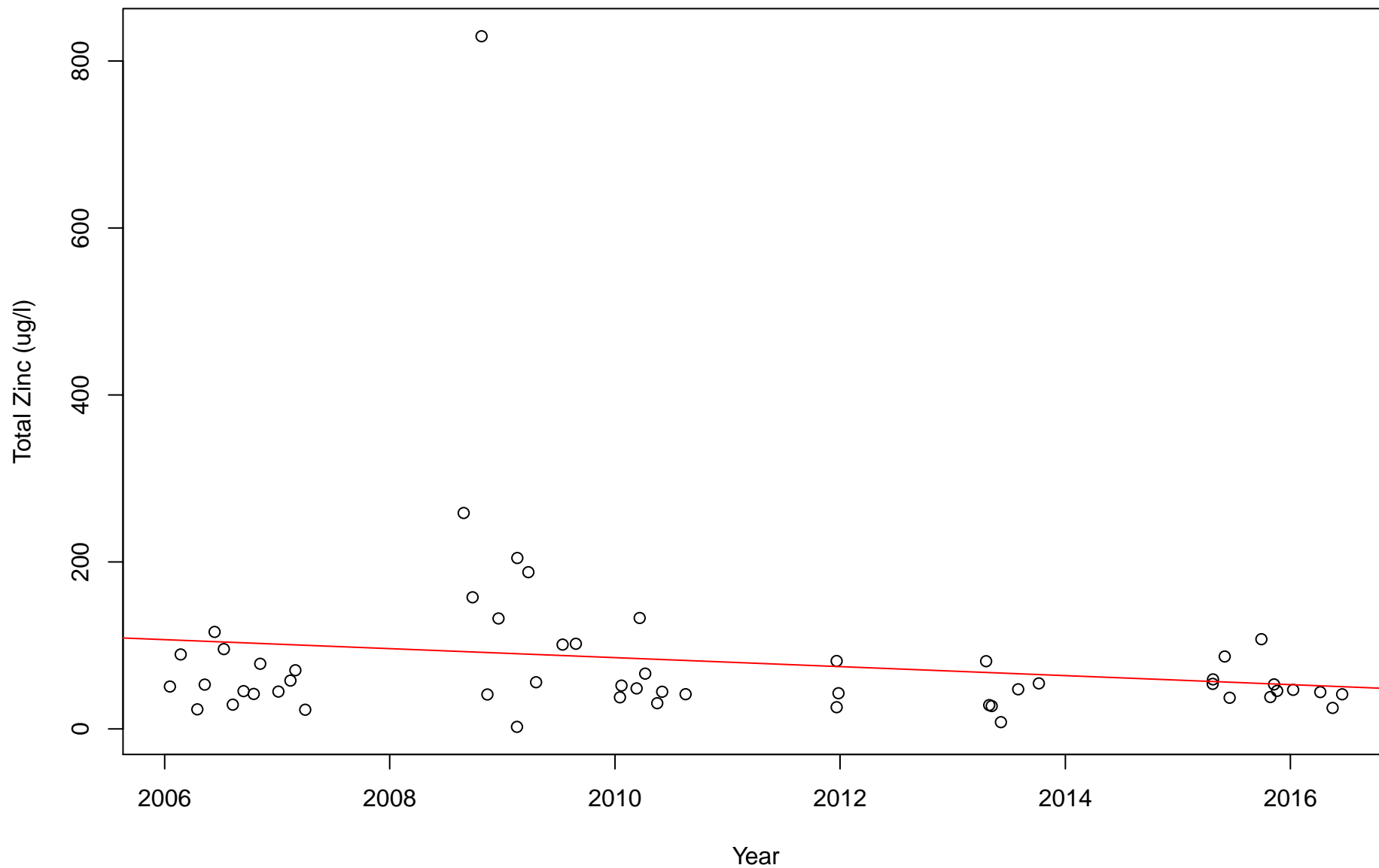
slope = -1.77066614774867 ; p-value = 0.0174981709311971

CC15MSI000001



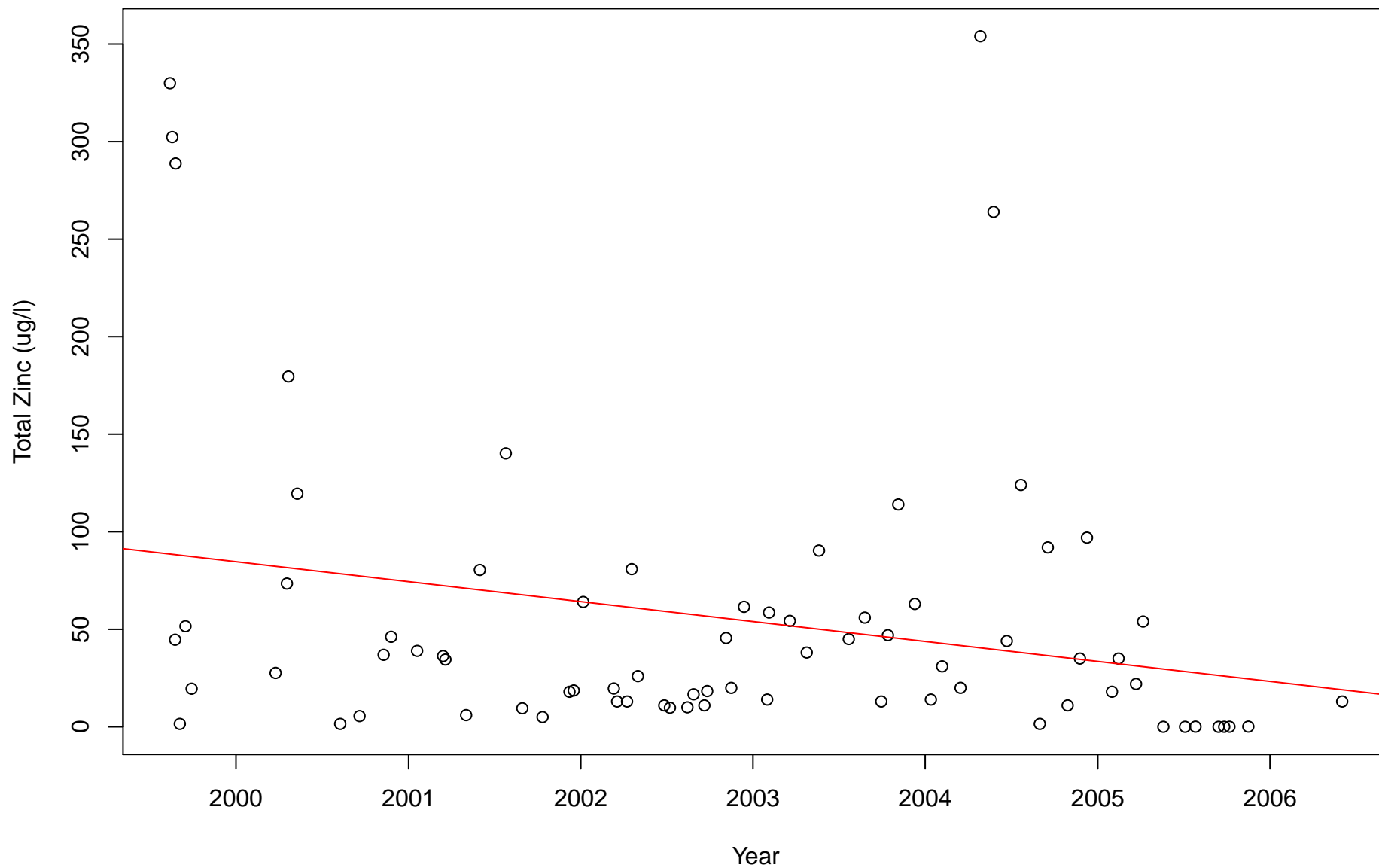
slope = 2.26254304817275; p-value = 0.120335837061385

CC15MSI000002



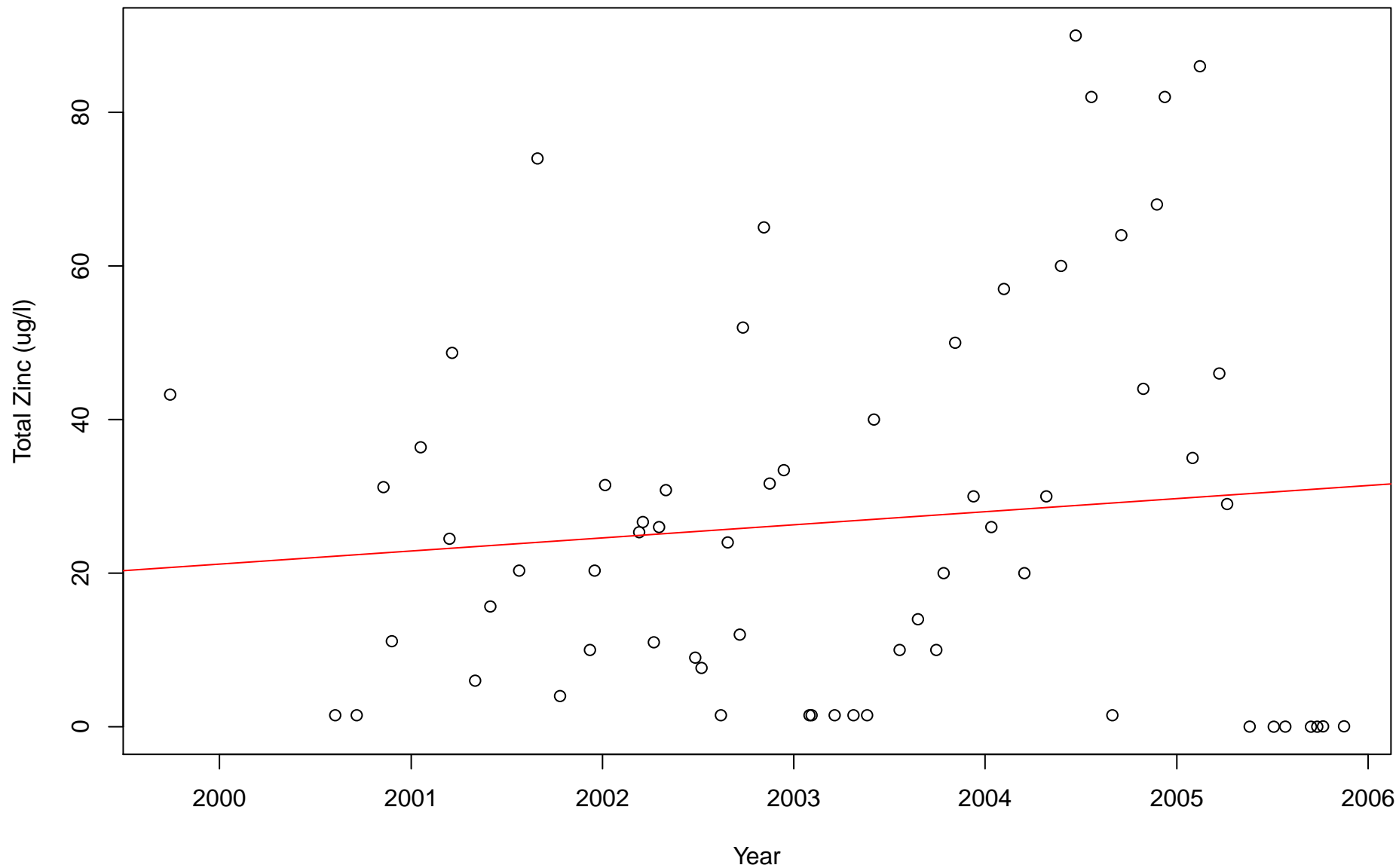
slope = -5.38337710577365 ; p-value = 0.242891498615196

CH99MSI000096



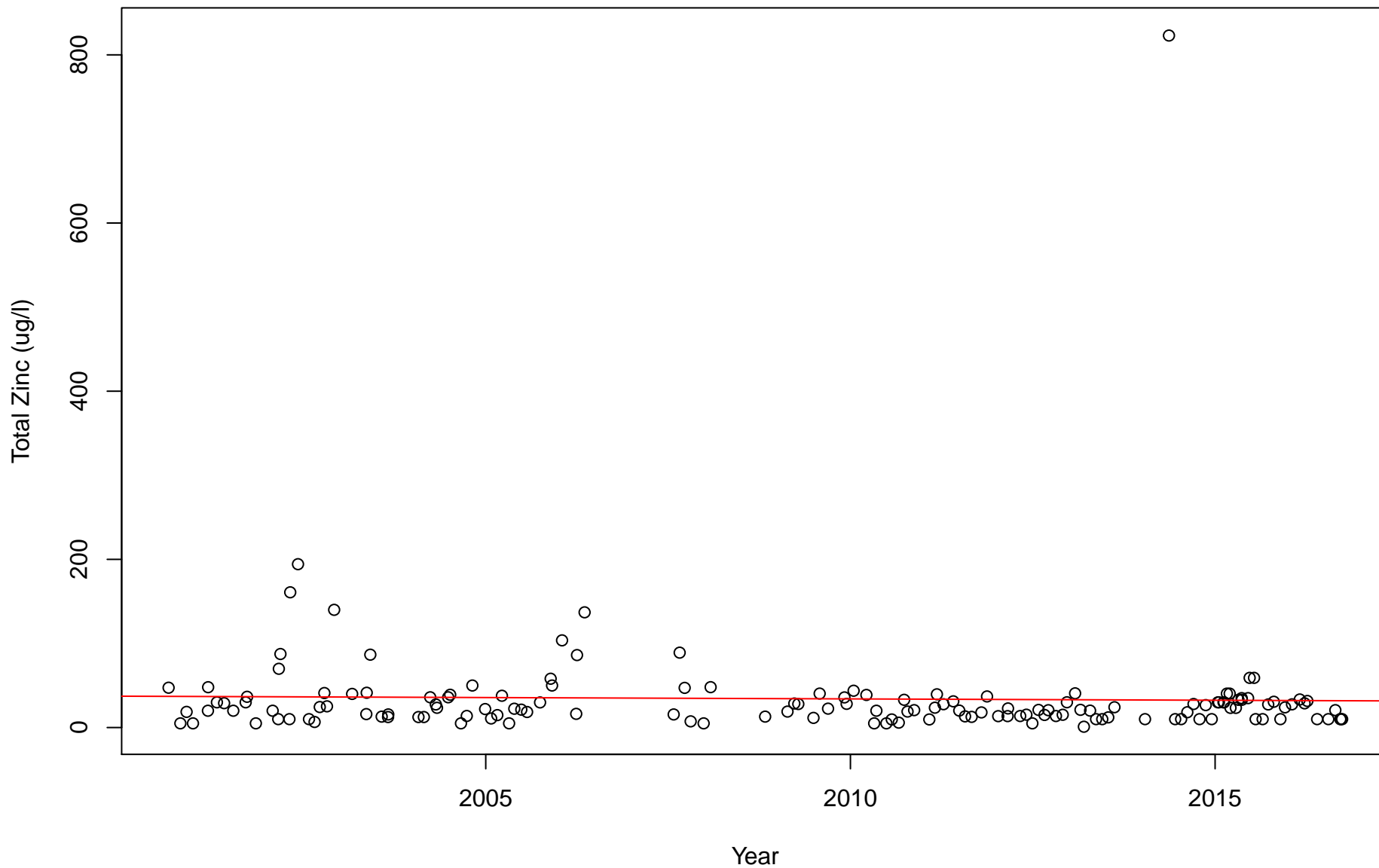
slope = -10.2169808551181; p-value = 0.0304991665997651

CH99MSI000162



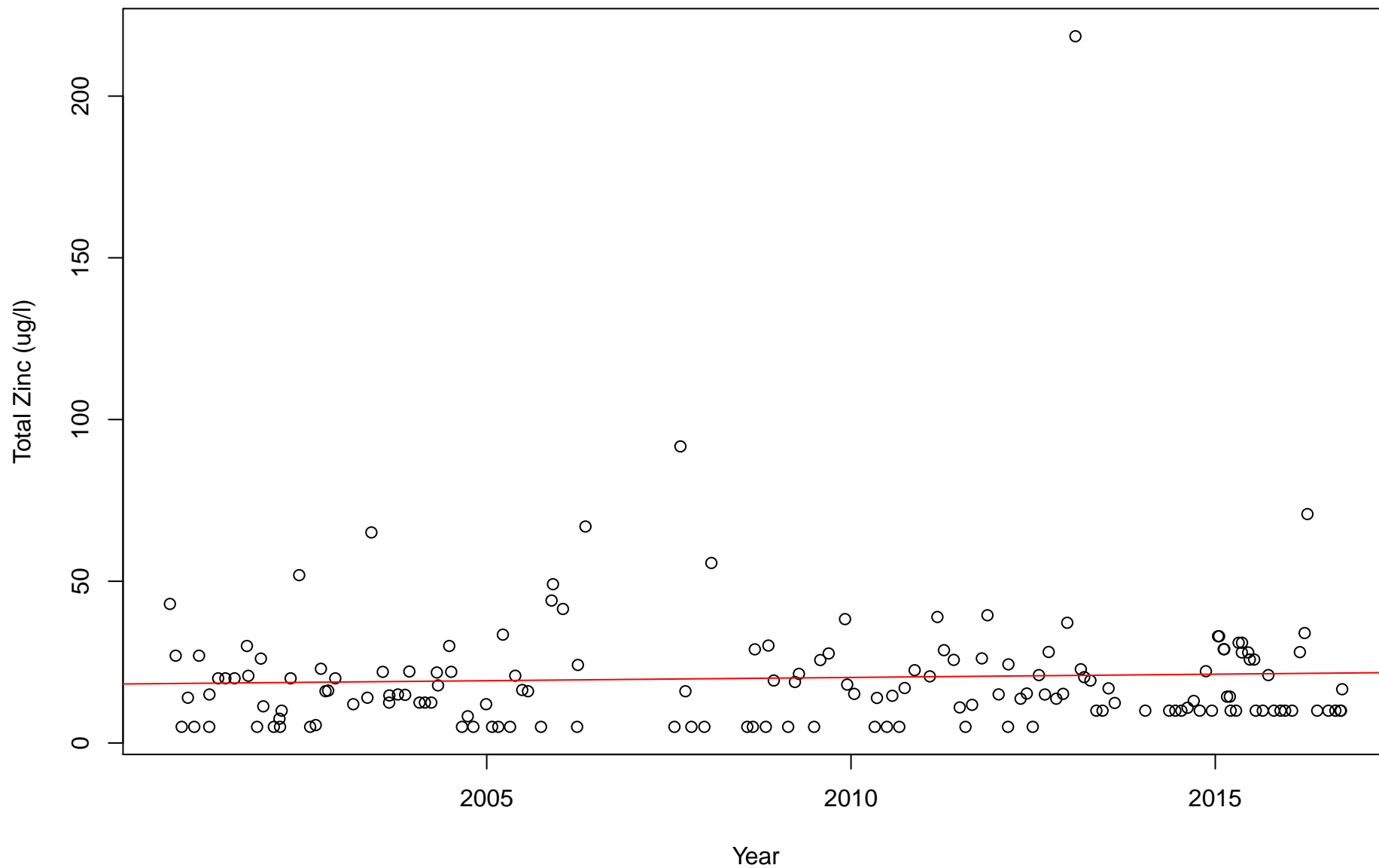
slope = 1.70443487697284; p-value = 0.400275162060603

CR15MSI000003



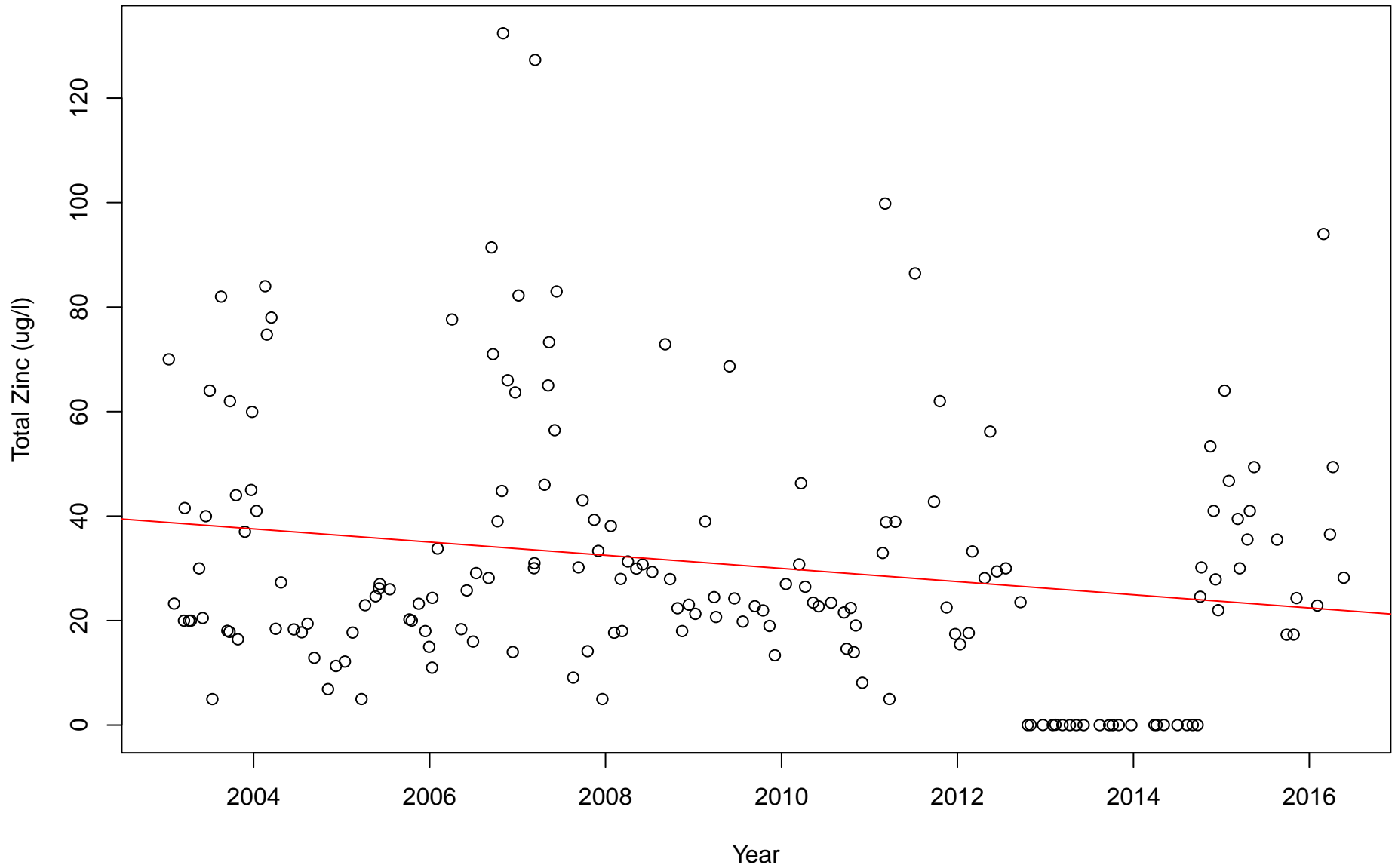
slope = -0.320905243021508 ; p-value = 0.776819701776255

CR15MSI000004



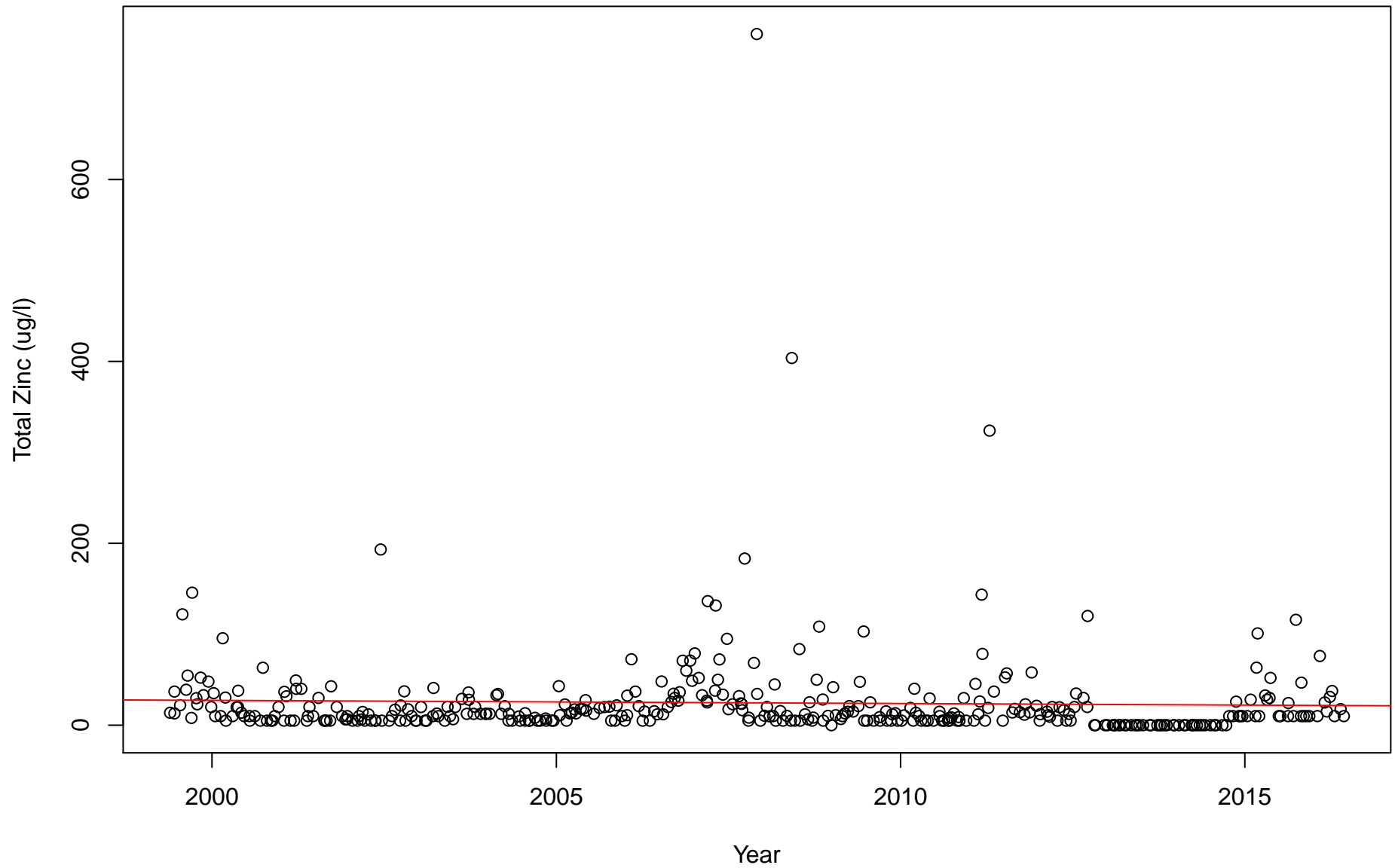
slope = 0.201667266838631; p-value = 0.540069805974466

FR02MSI000059



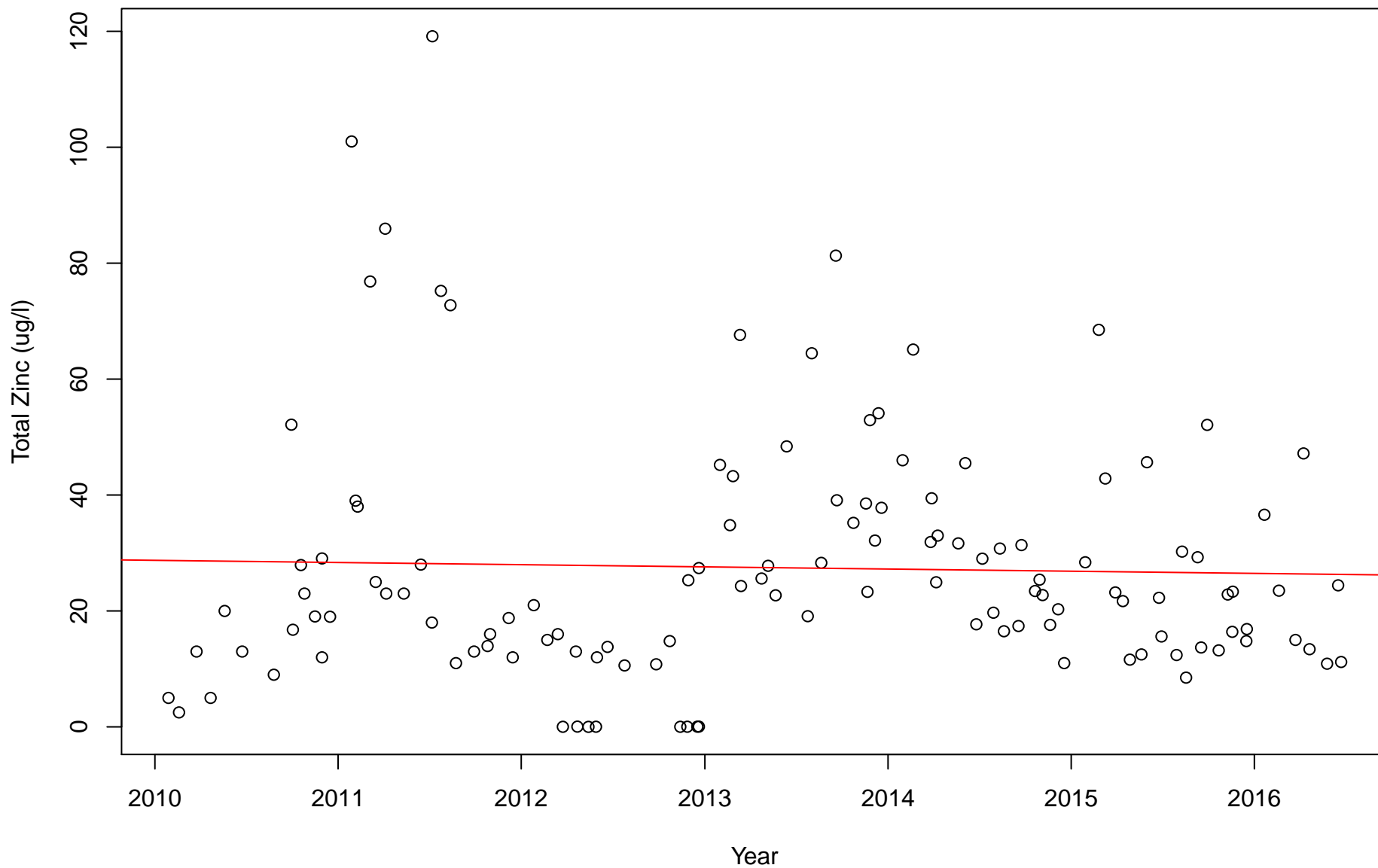
slope = -1.25961212614096; p-value = 0.00746574962952809

FR99MSI000058



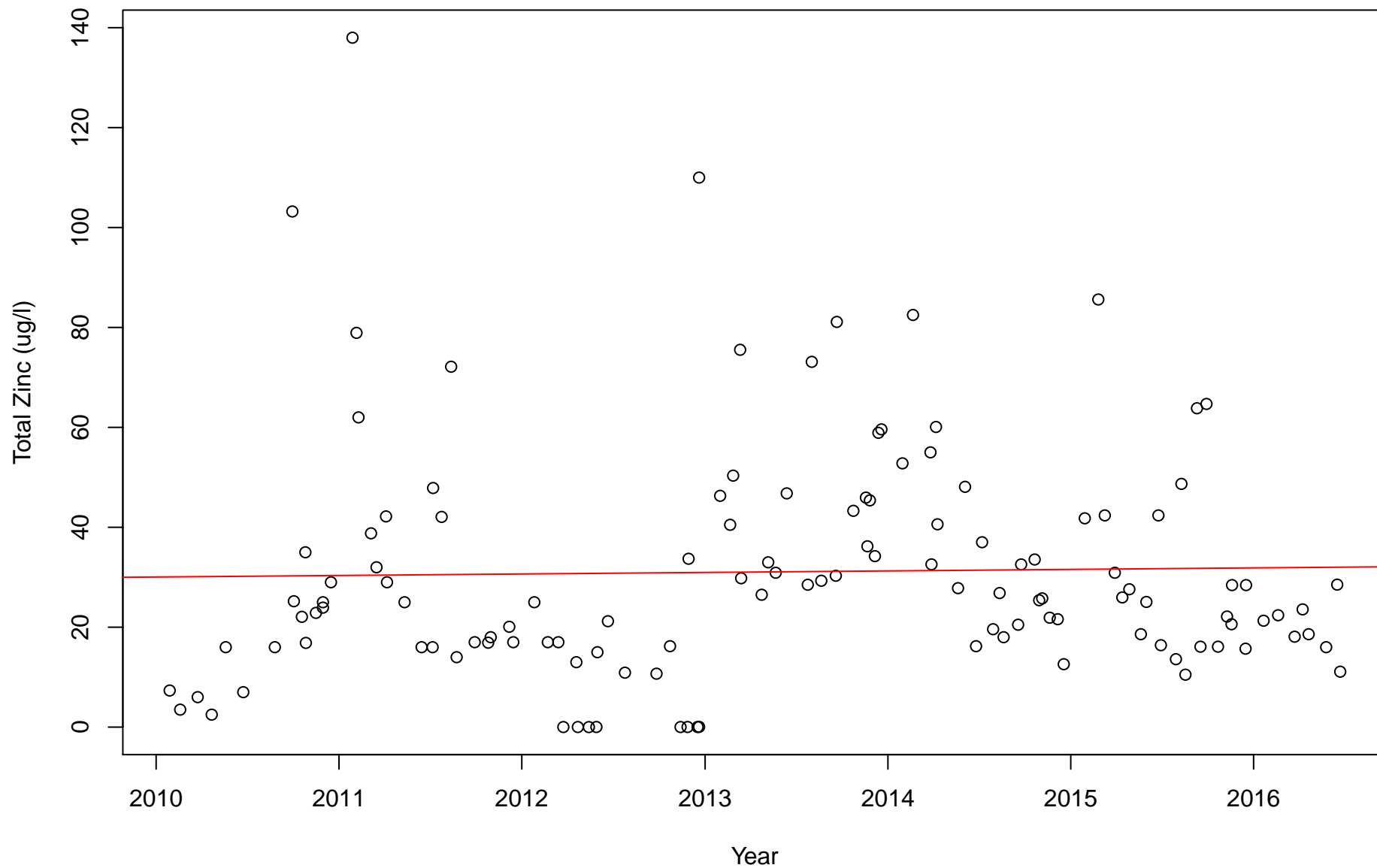
slope = -0.346858717067556; p-value = 0.532486554023587

HA10MSI0WC002



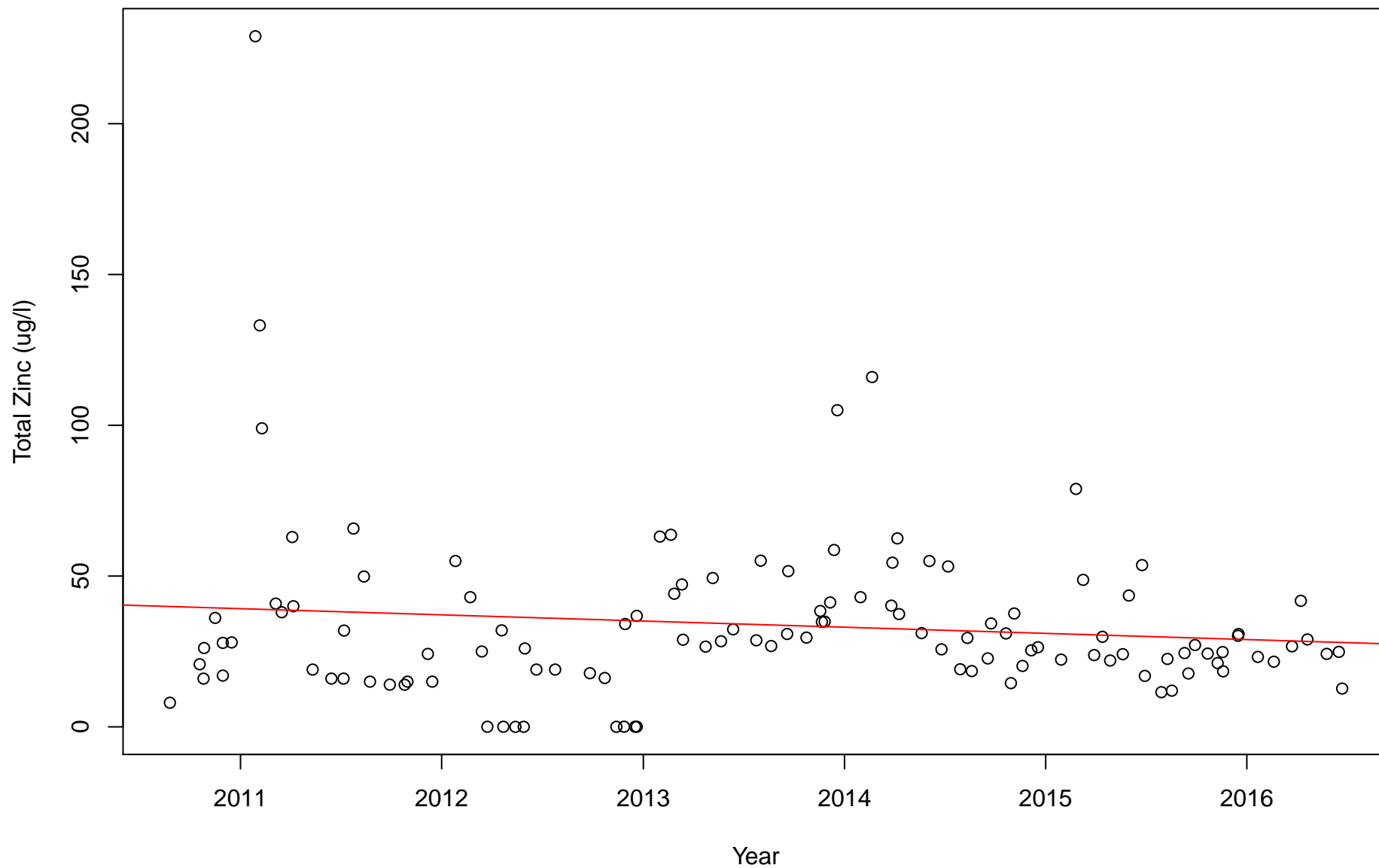
slope = -0.375319871896717 ; p-value = 0.720559670524866

HA10MSI0WC003



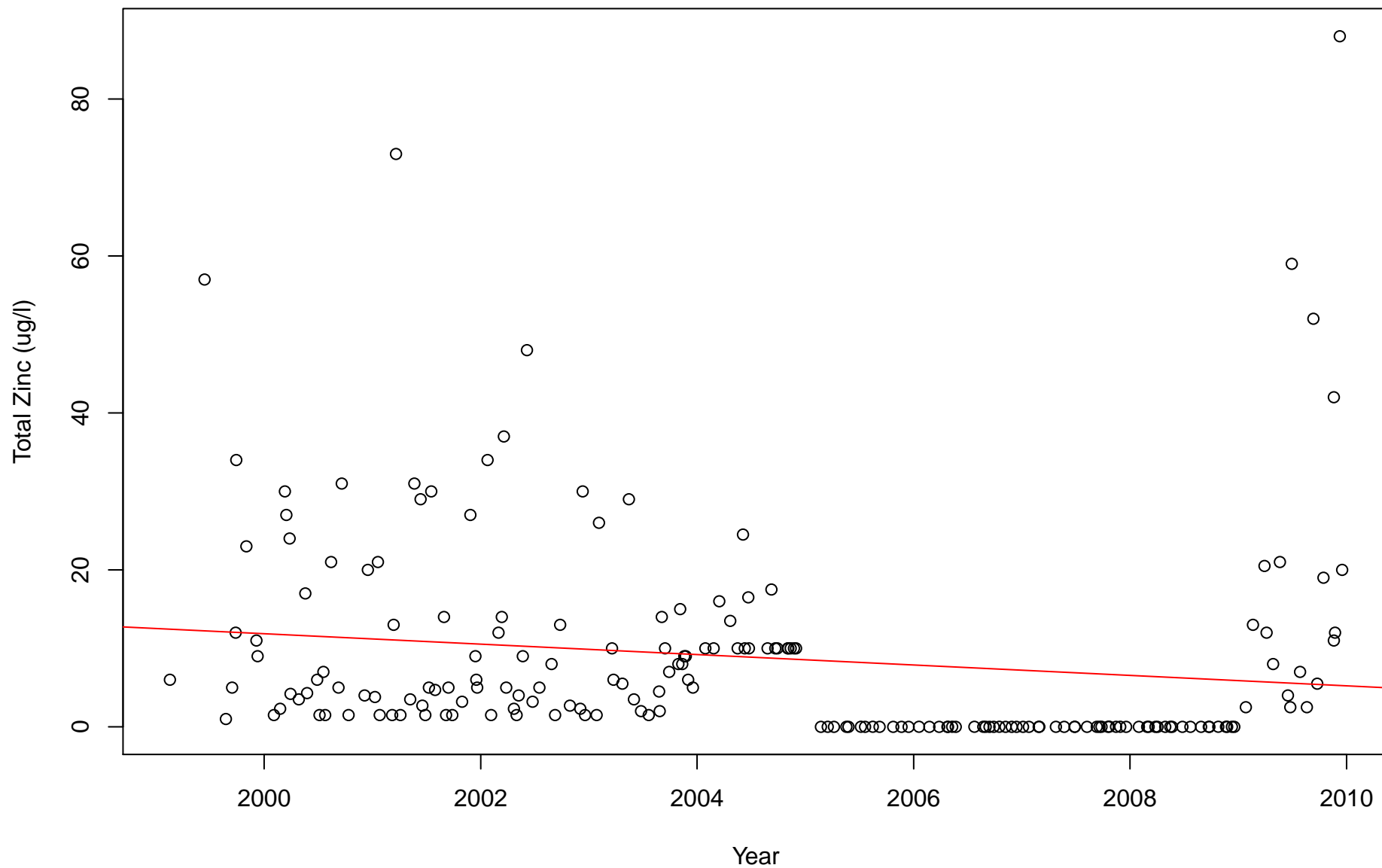
slope = 0.304322987576275; p-value = 0.79283116971357

HA10MSI0WC004



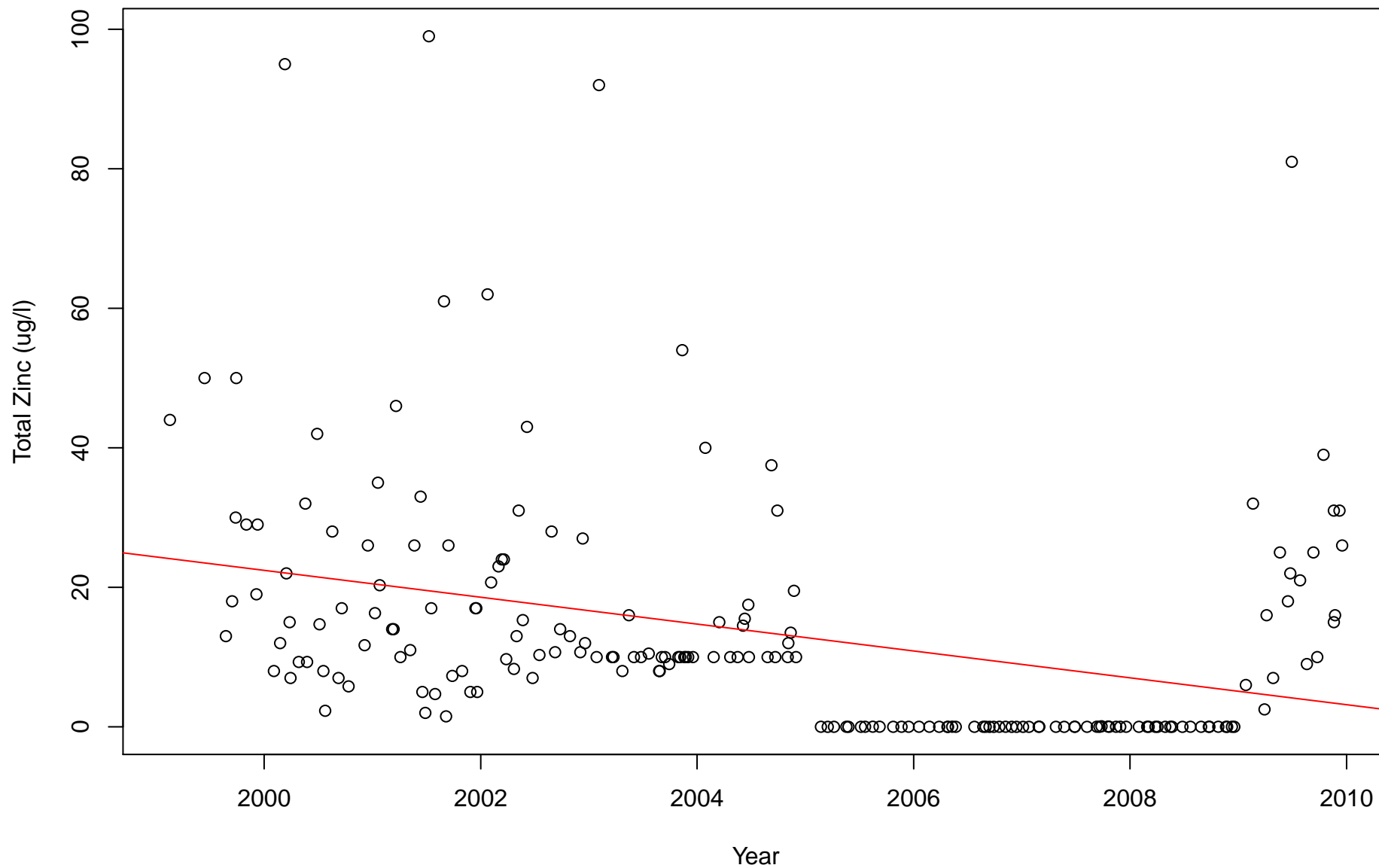
slope = -2.04700219863716 ; p-value = 0.189736575024416

HA99MSI000001



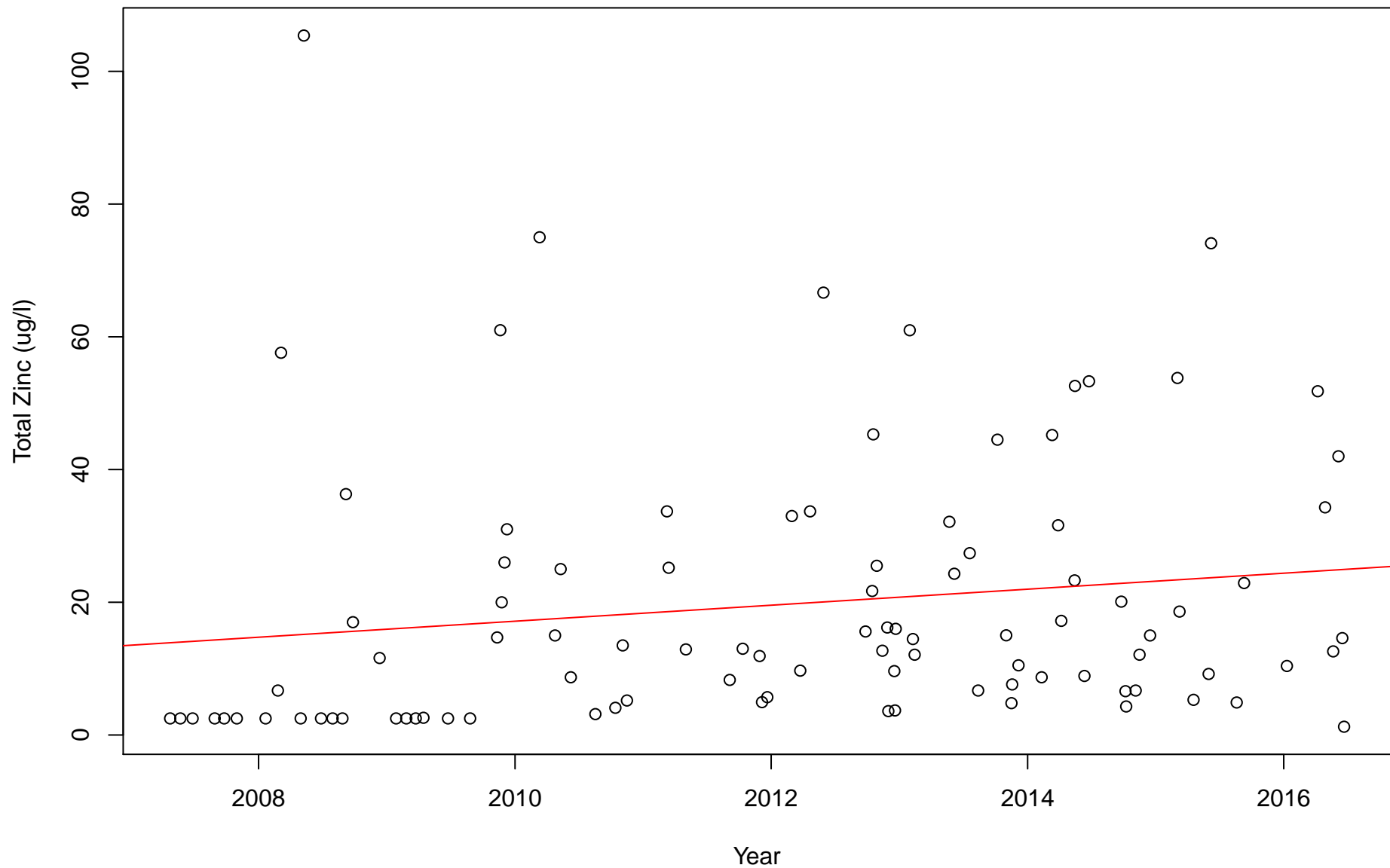
slope = -0.663529416011582 ; p-value = 0.0328157338306777

HA99MSI000002



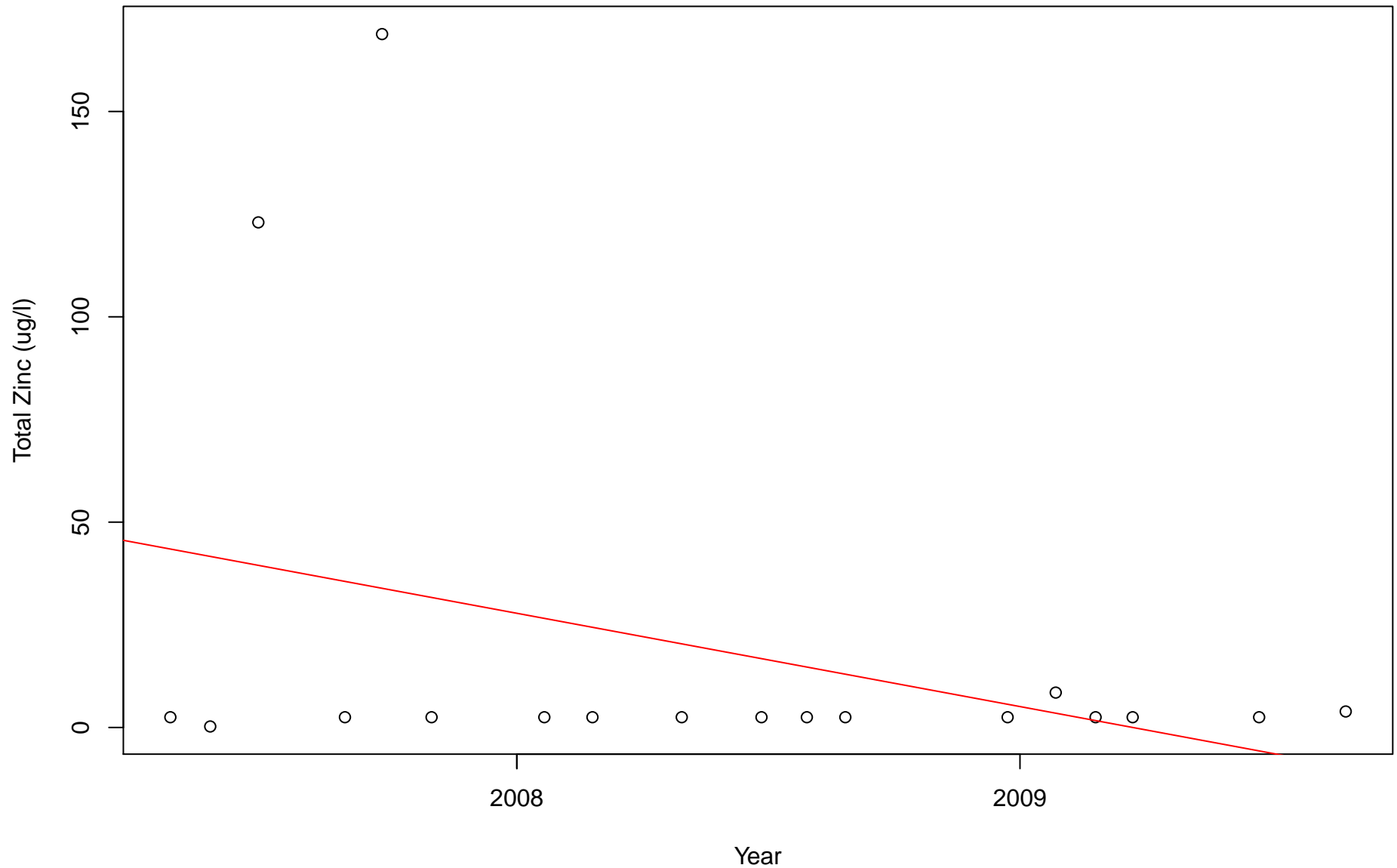
slope = -1.92460671997786; p-value = 9.33395499068297e-07

HO07MSI000035



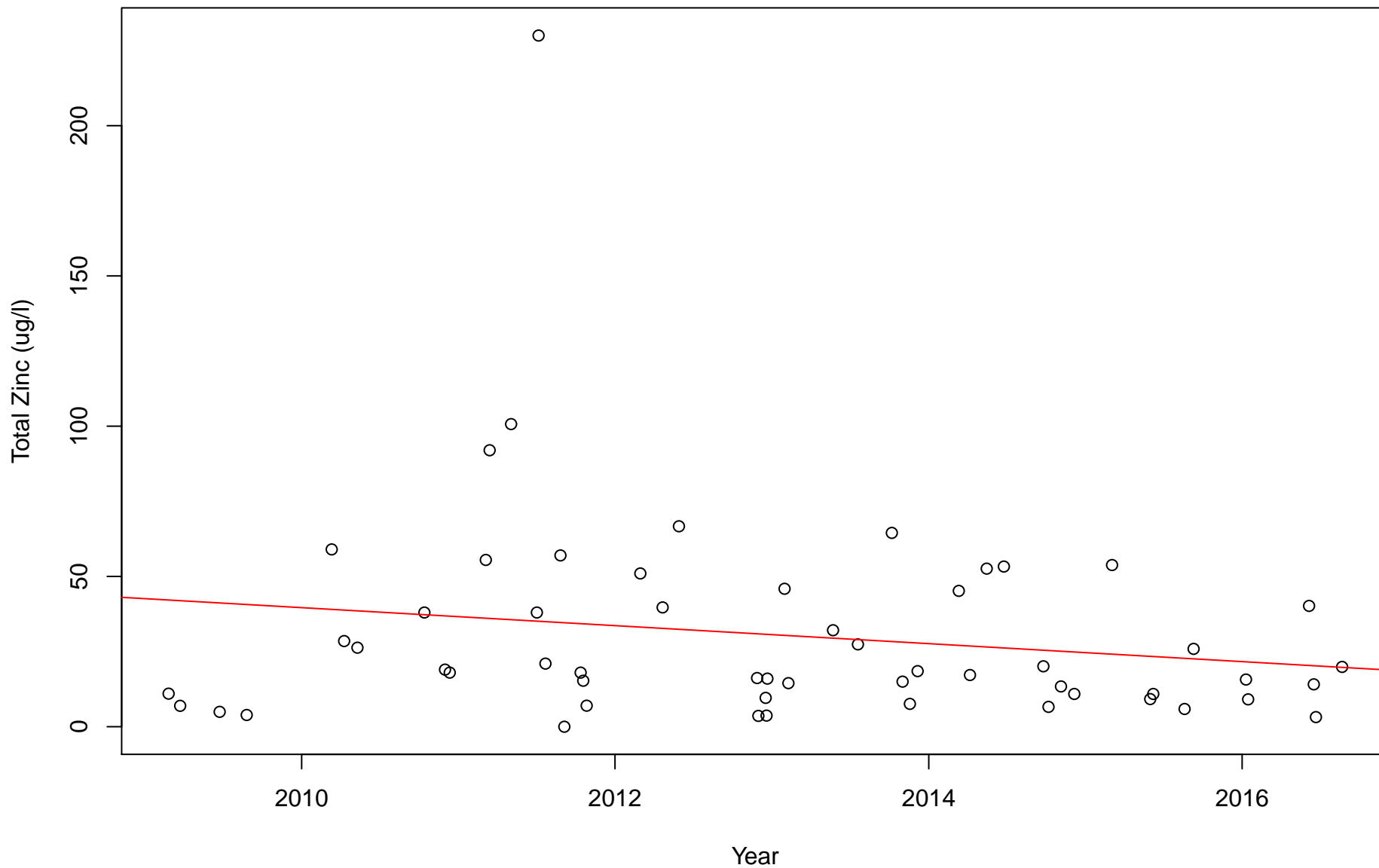
slope = 1.20515772807758; p-value = 0.118536926049517

HO07MSI0000CL



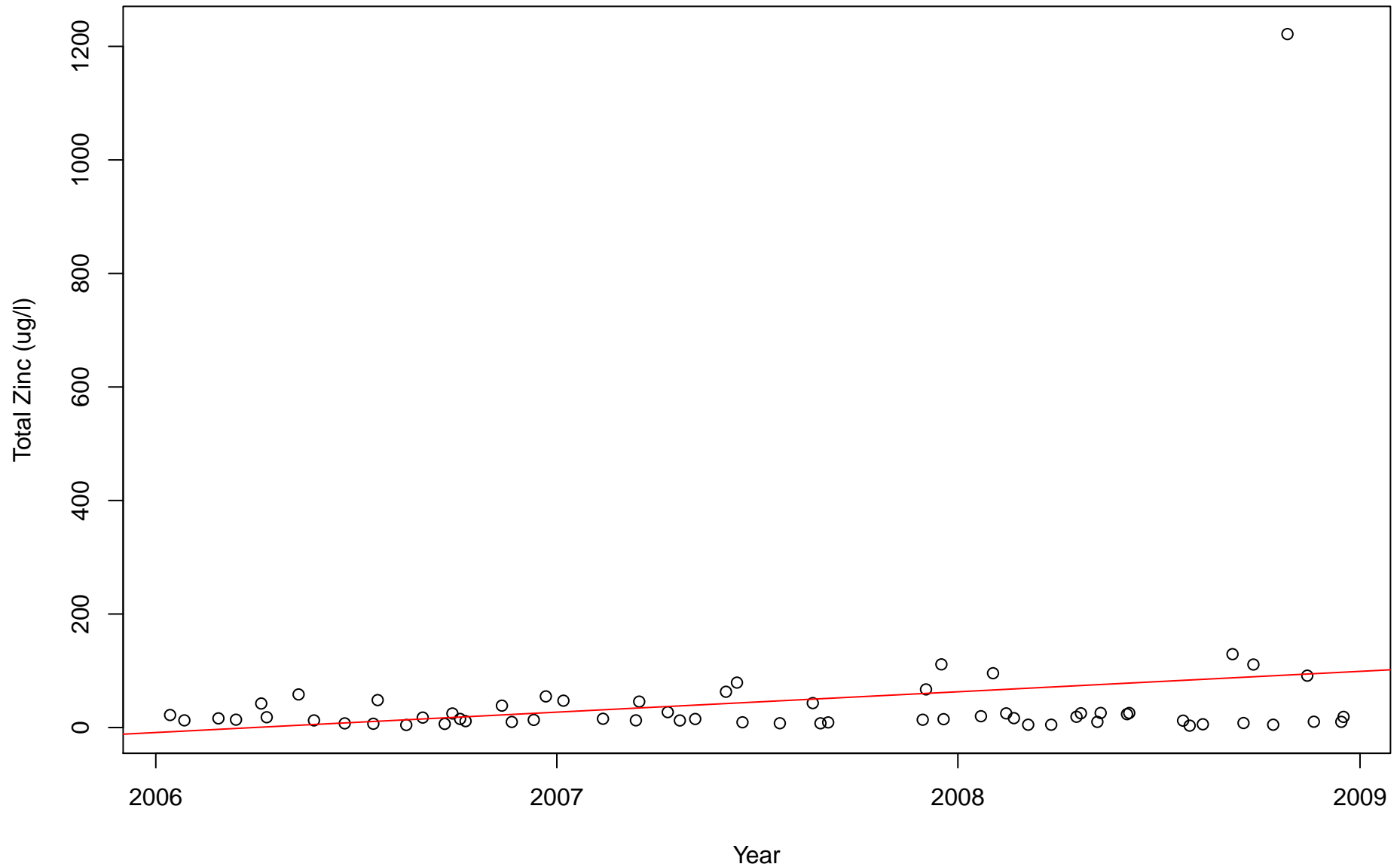
slope = -22.6544188619029; p-value = 0.143017099467256

HO09MSI000036



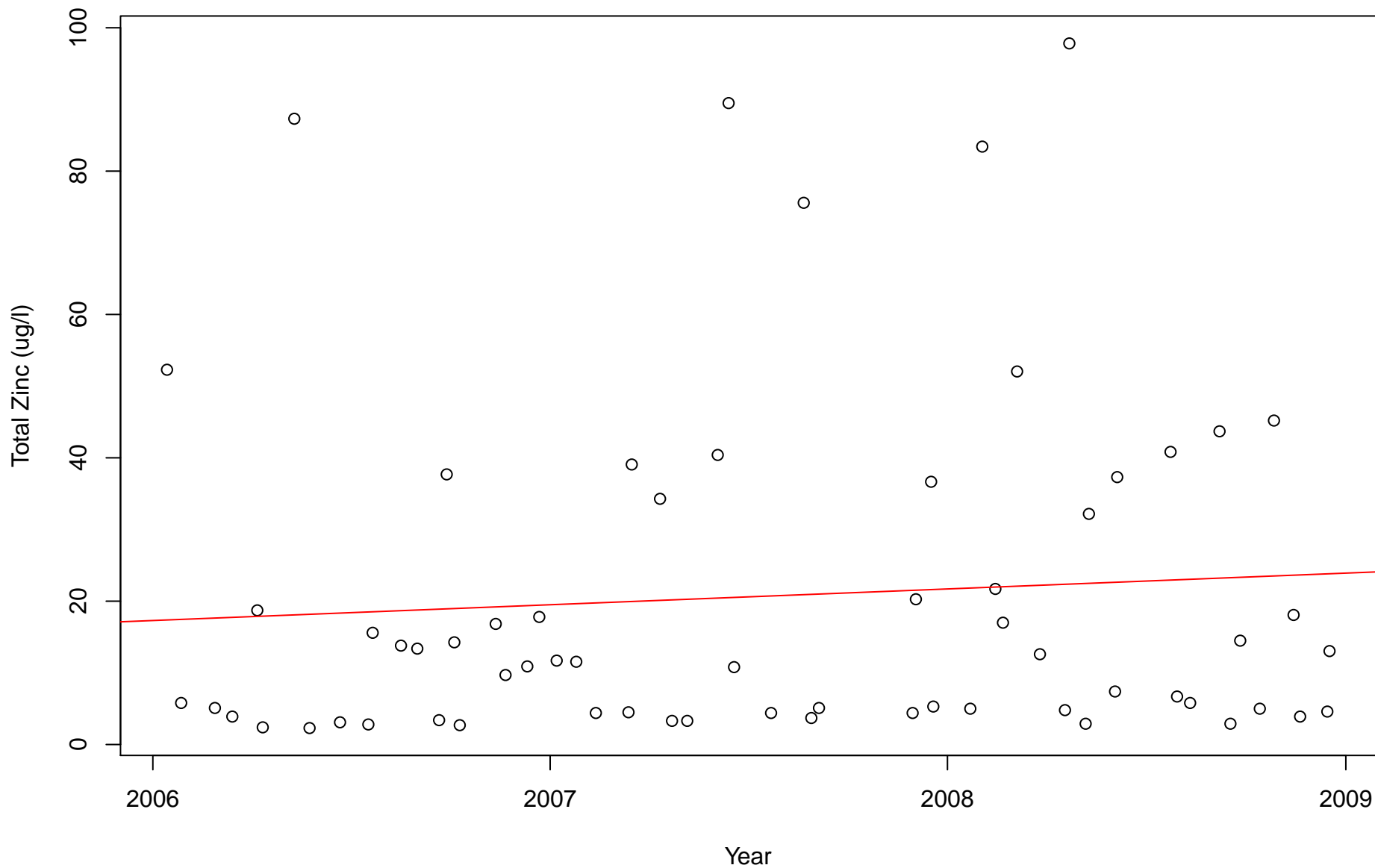
slope = -2.99247782827037 ; p-value = 0.196189928504015

MO02MSI000104



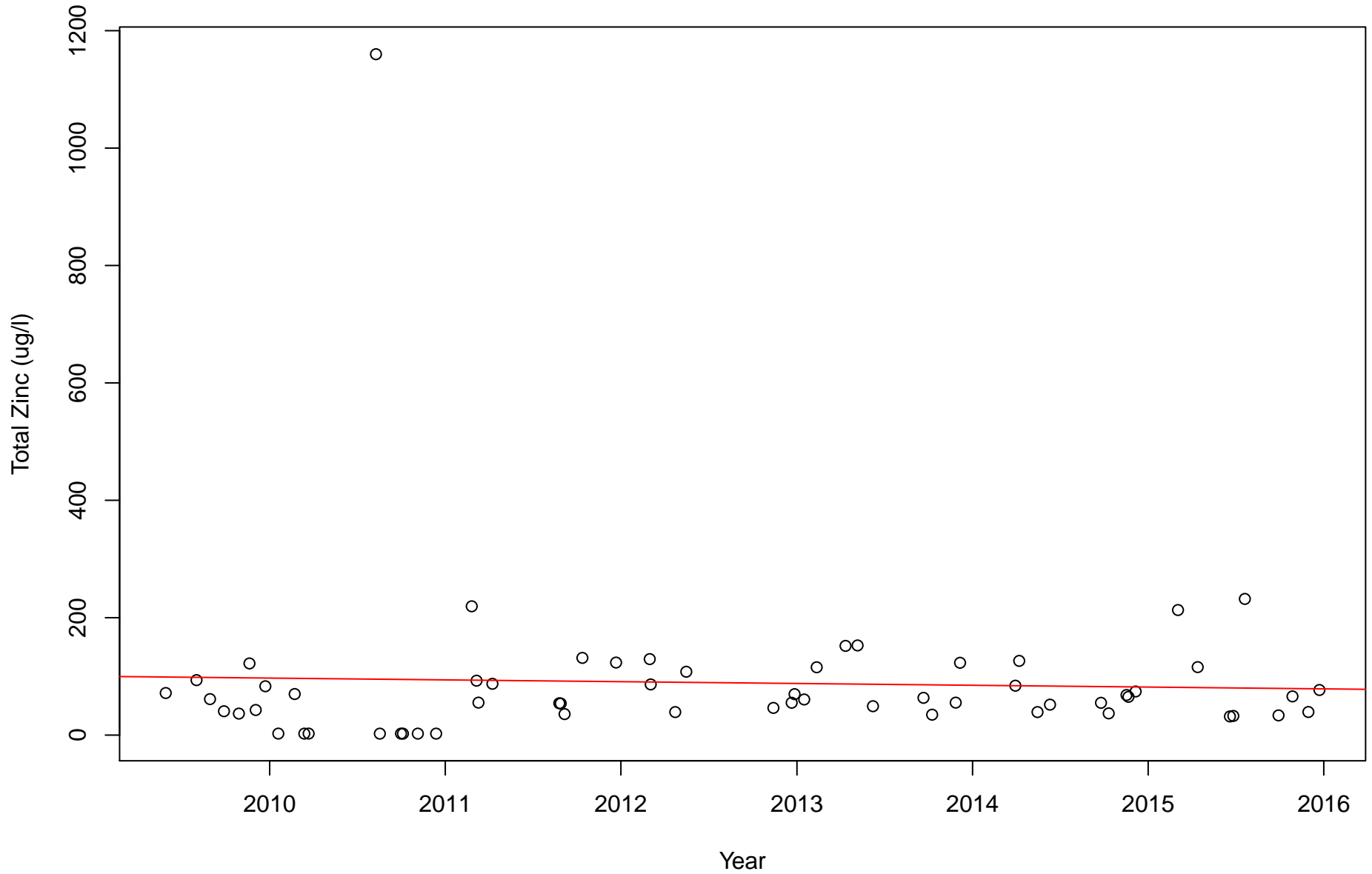
slope = 35.8809273474267; p-value = 0.102235910077927

MO02MSI000310



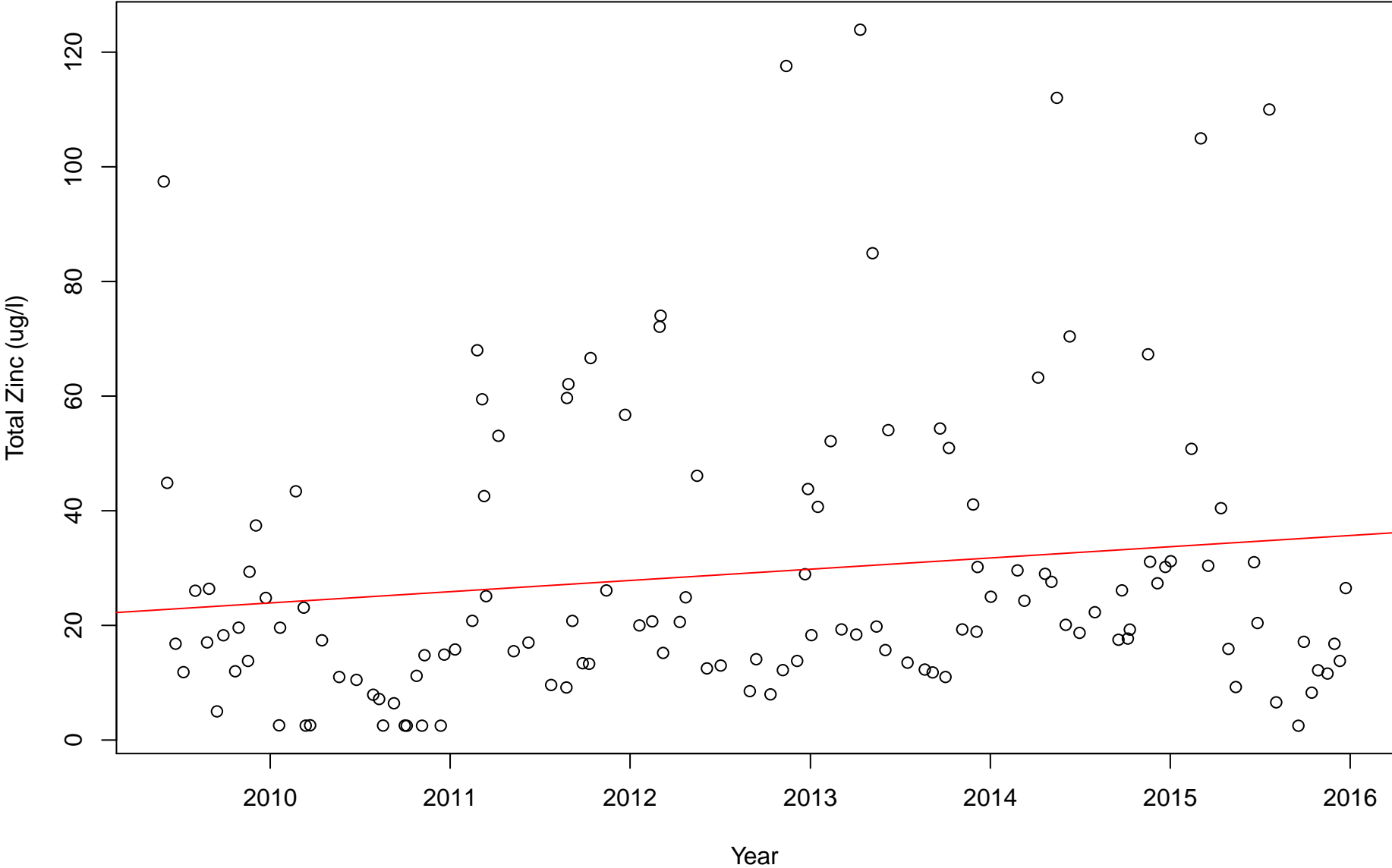
slope = 2.20262499471791; p-value = 0.522756741808859

MO09MSI000001



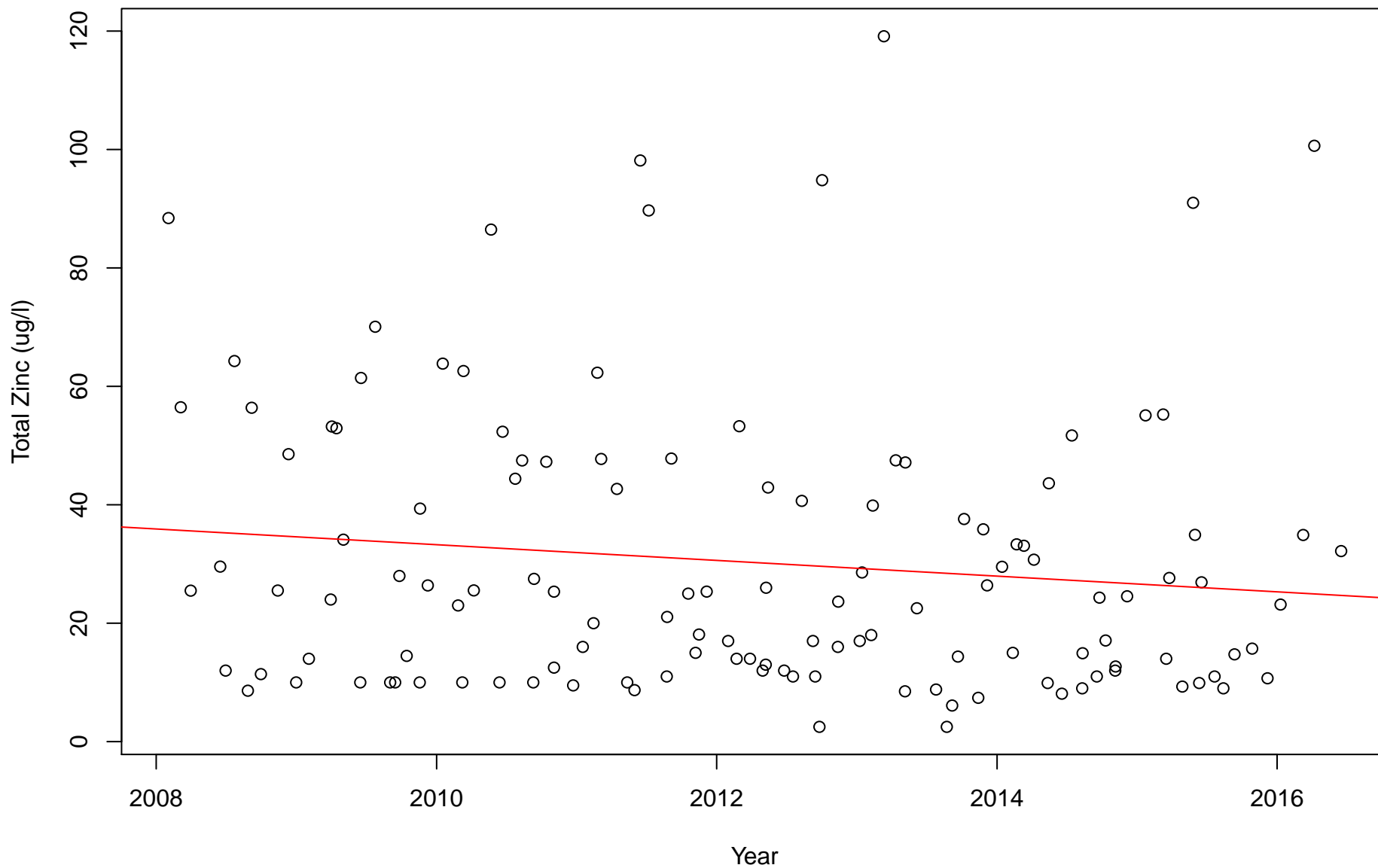
slope = -3.05889678948178 ; p-value = 0.748285391521905

MO09MSI000002



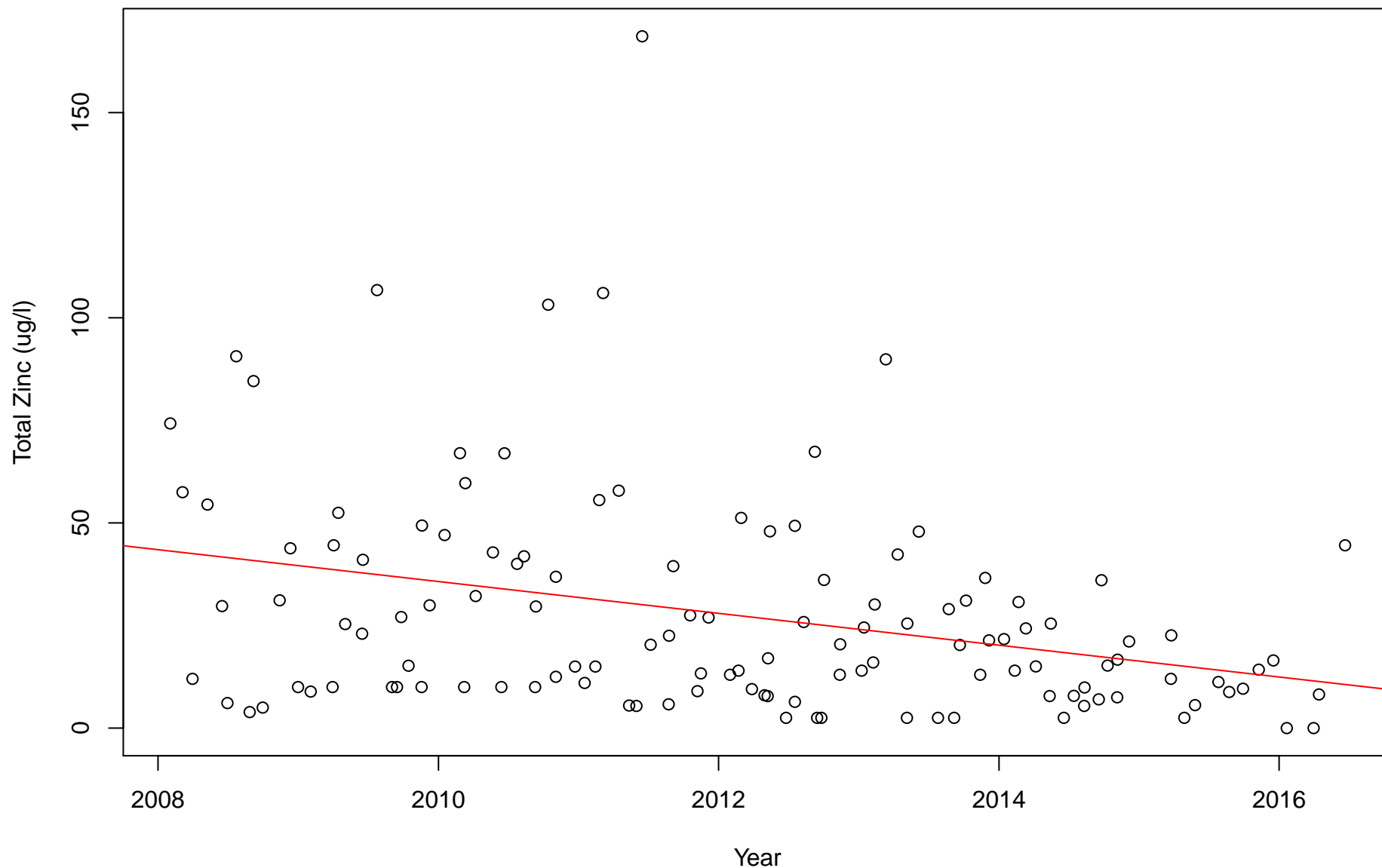
slope = 1.95989328438691; p-value = 0.0874617744671878

PG15MSI000012



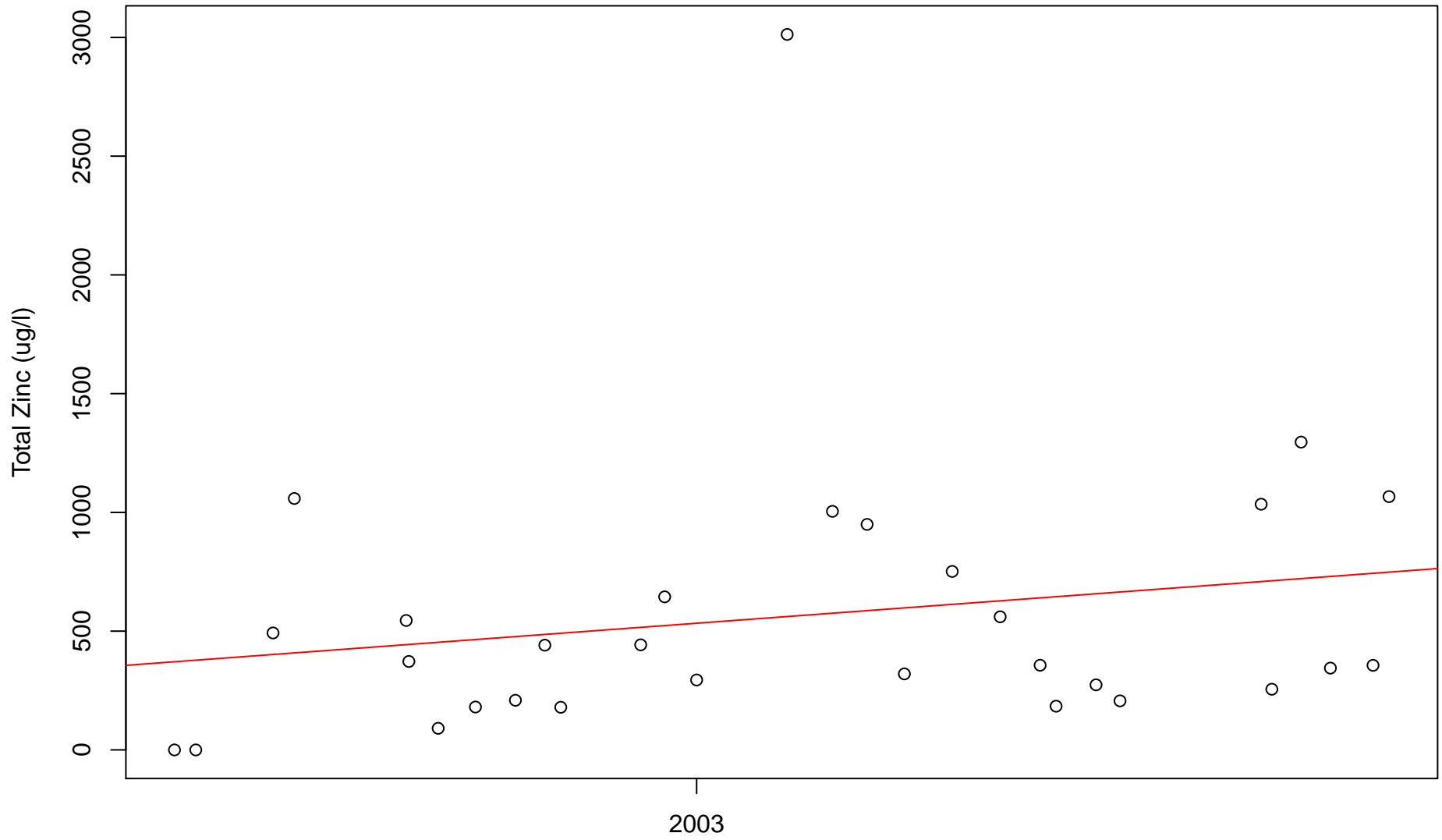
slope = -1.326108301773; p-value = 0.152884818171814

PG15MSI000013



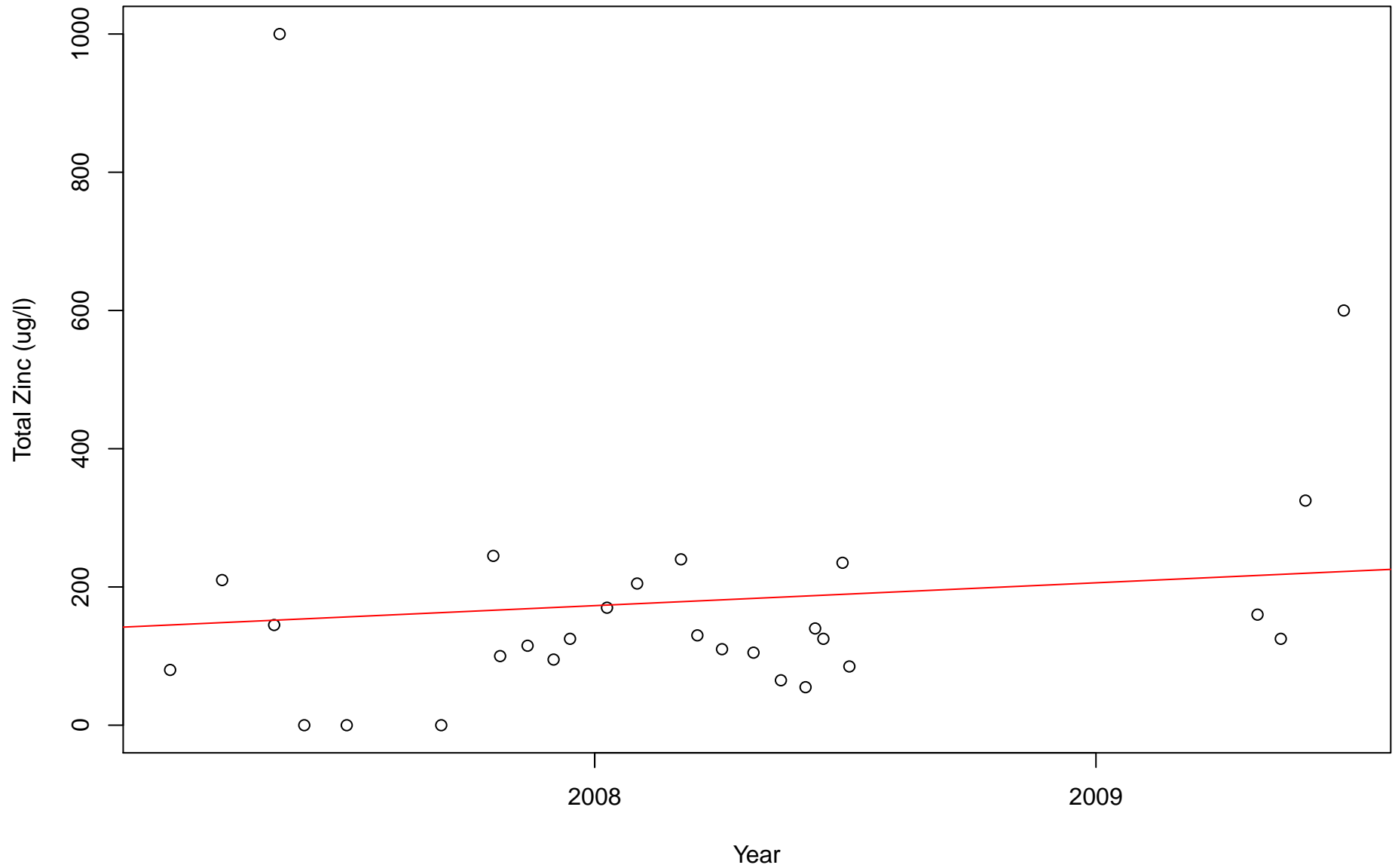
slope = -3.87581919429533; p-value = 0.000212132211097124

SHA02MSI00MR01



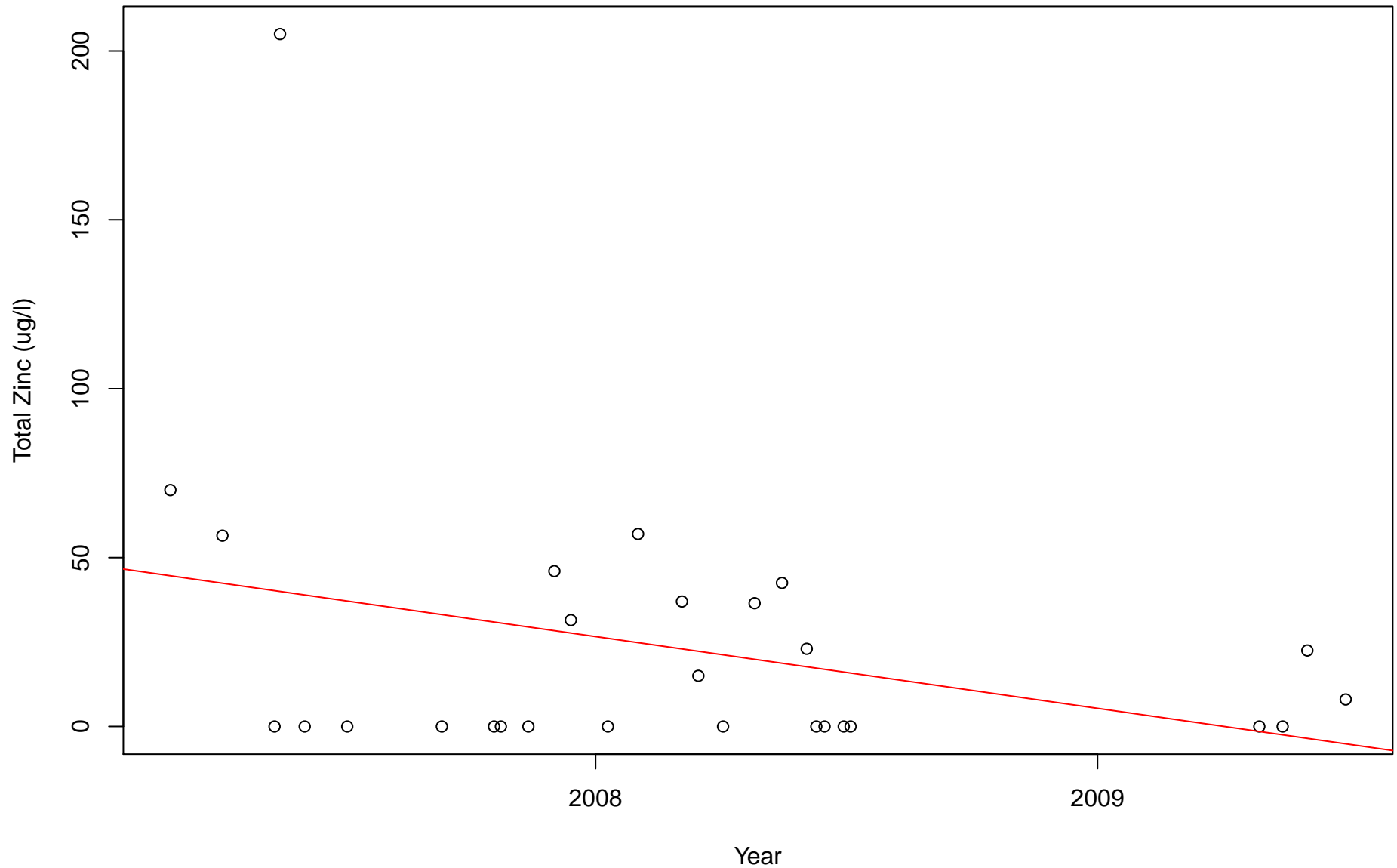
Year
slope = 302.030548808576; p-value = 0.282925589393901

SHA04MSI00GS01



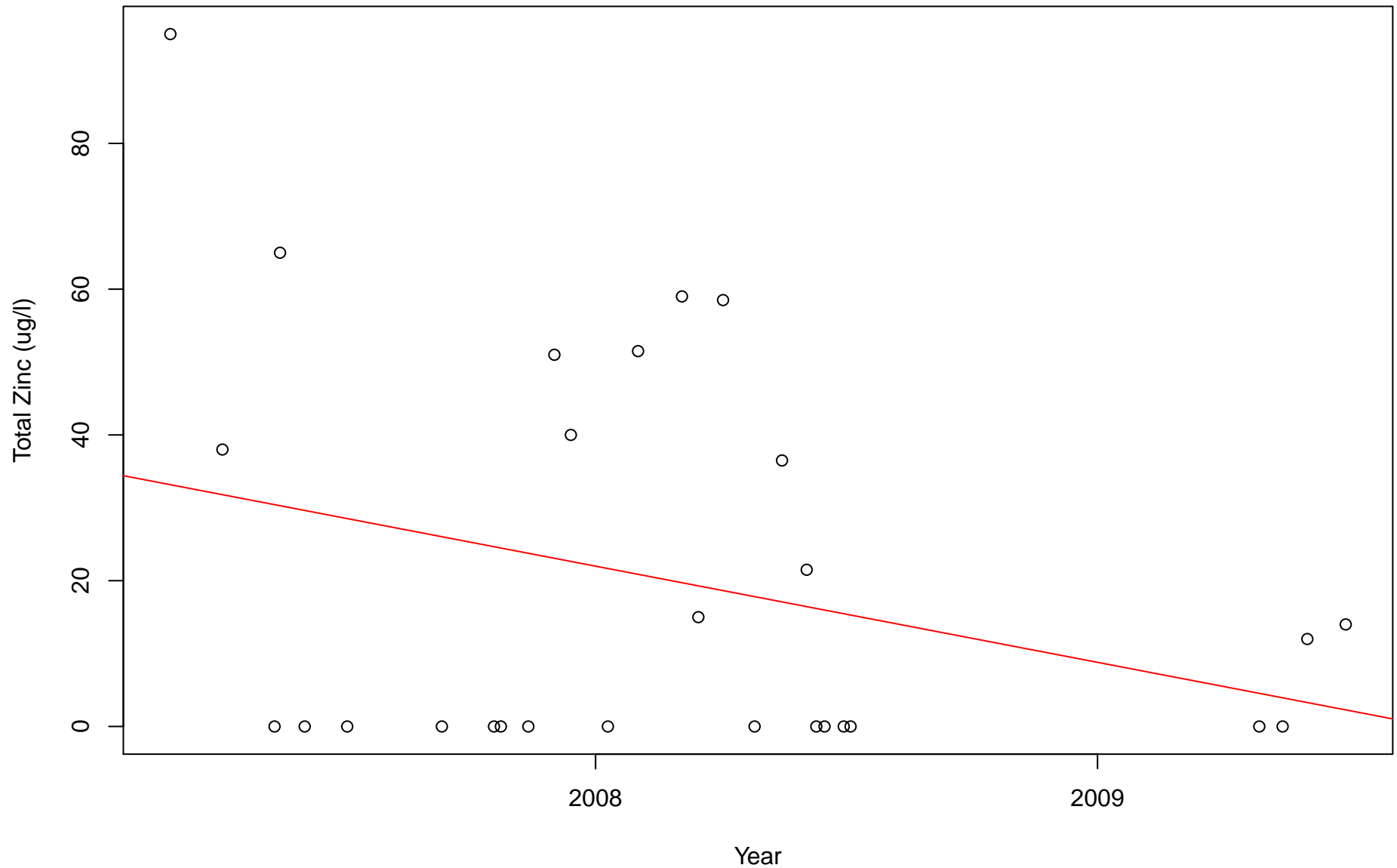
slope = 32.9473294704399; p-value = 0.583833743310761

SHA04MSI00GS02



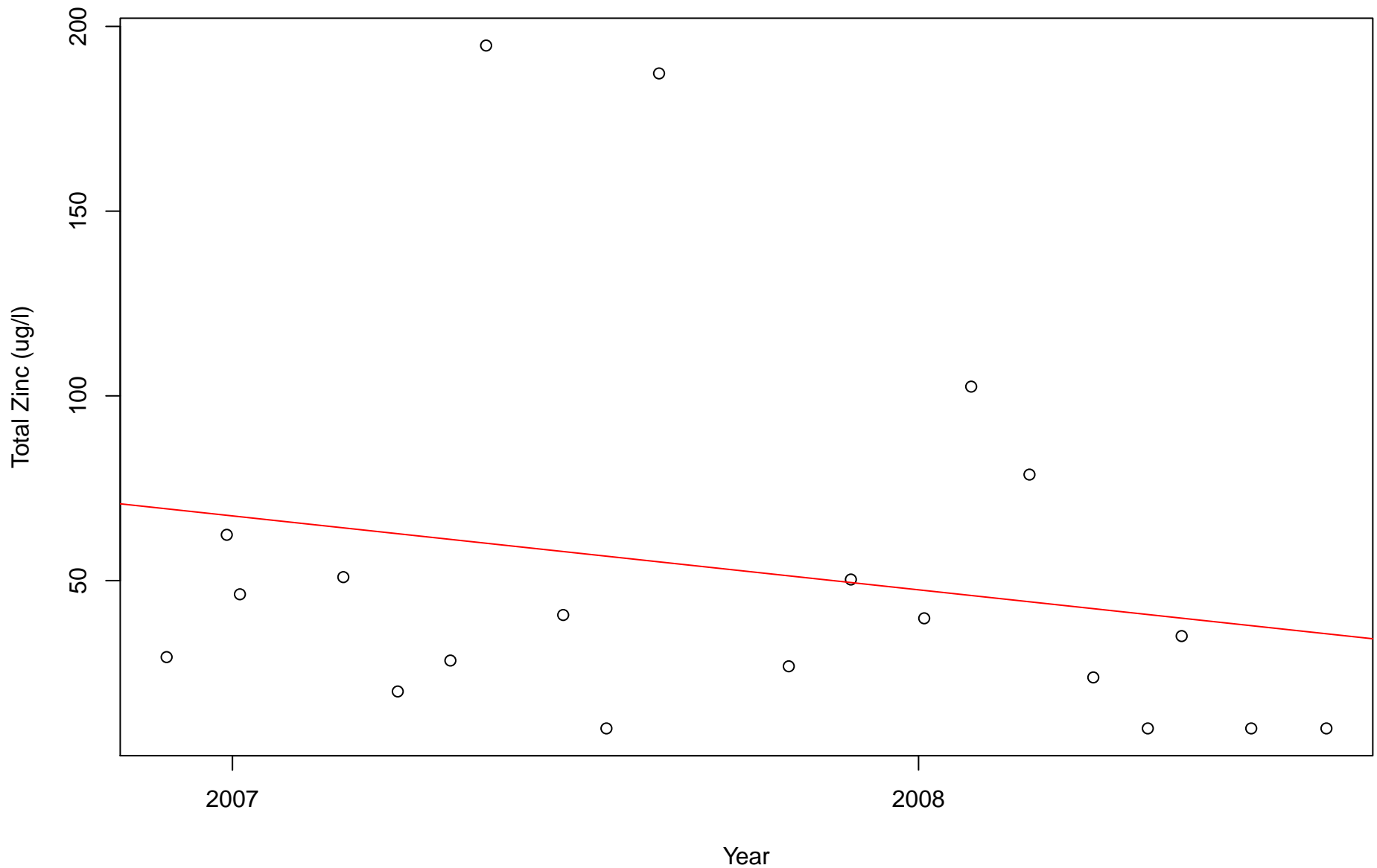
slope = -21.1985802119627 ; p-value = 0.0849379510629511

SHA04MSI00GS03



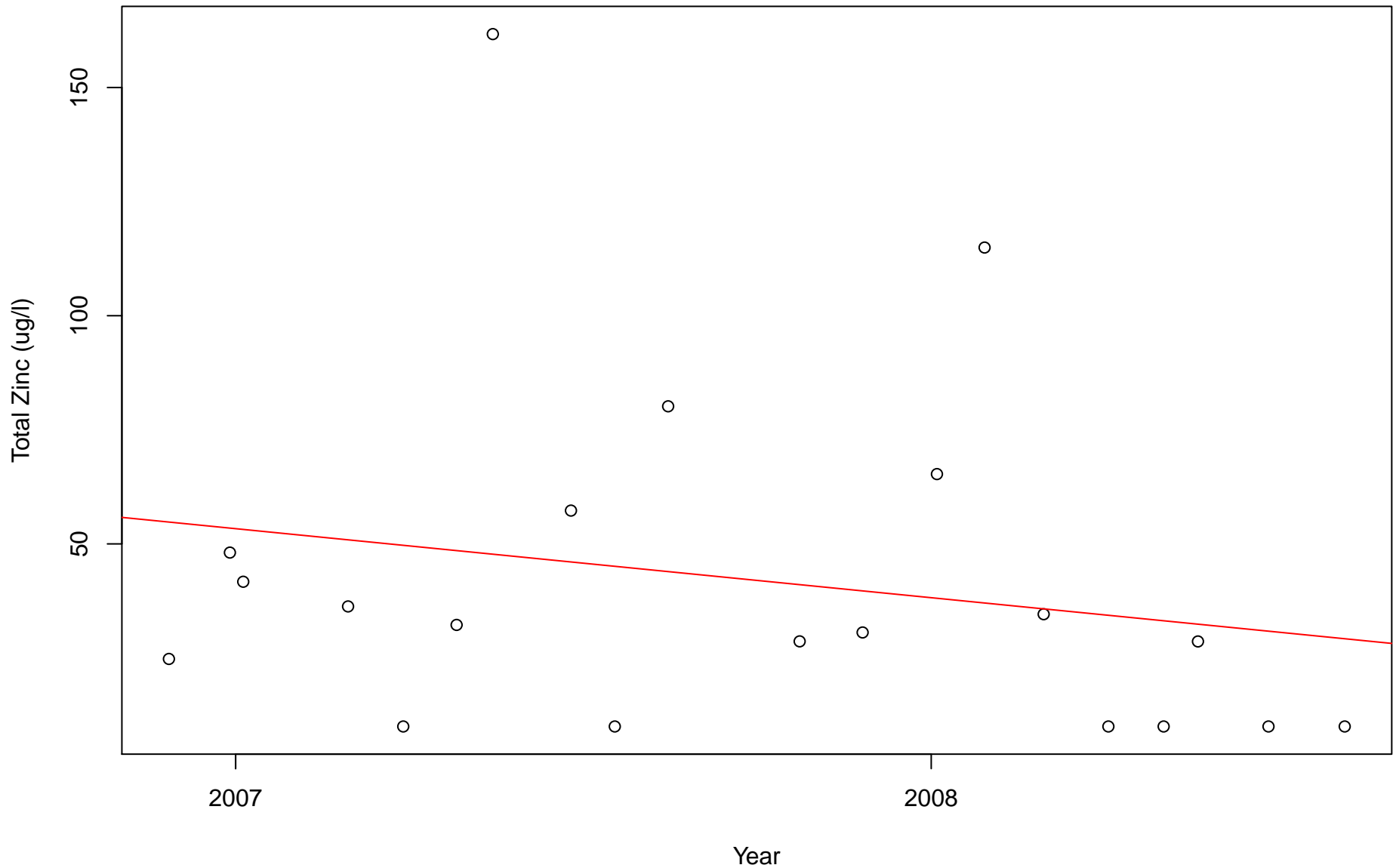
slope = -13.1605231879371; p-value = 0.098899288134421

SHA06MSI00LD01



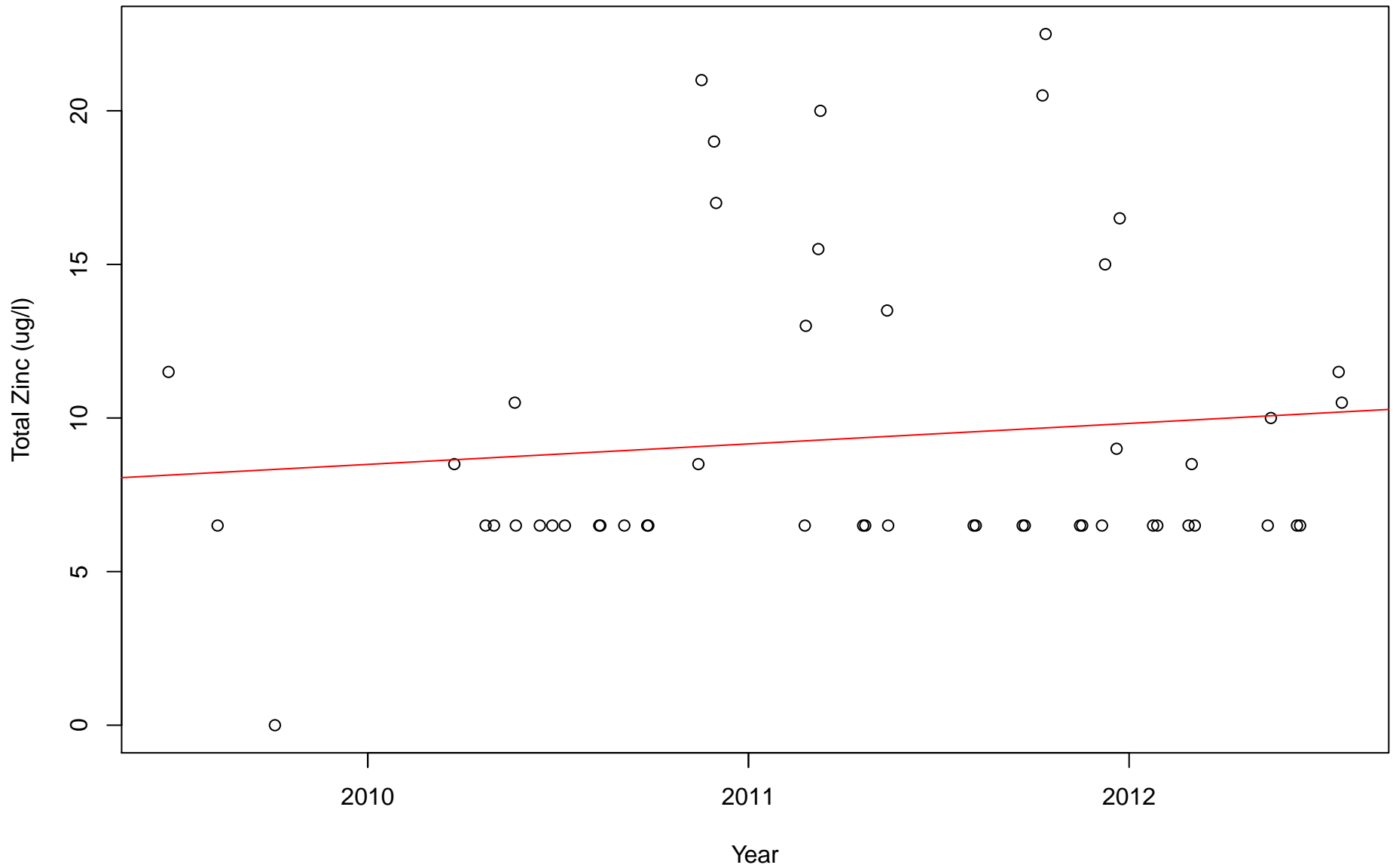
slope = -20.0083495430755 ; p-value = 0.389079187950938

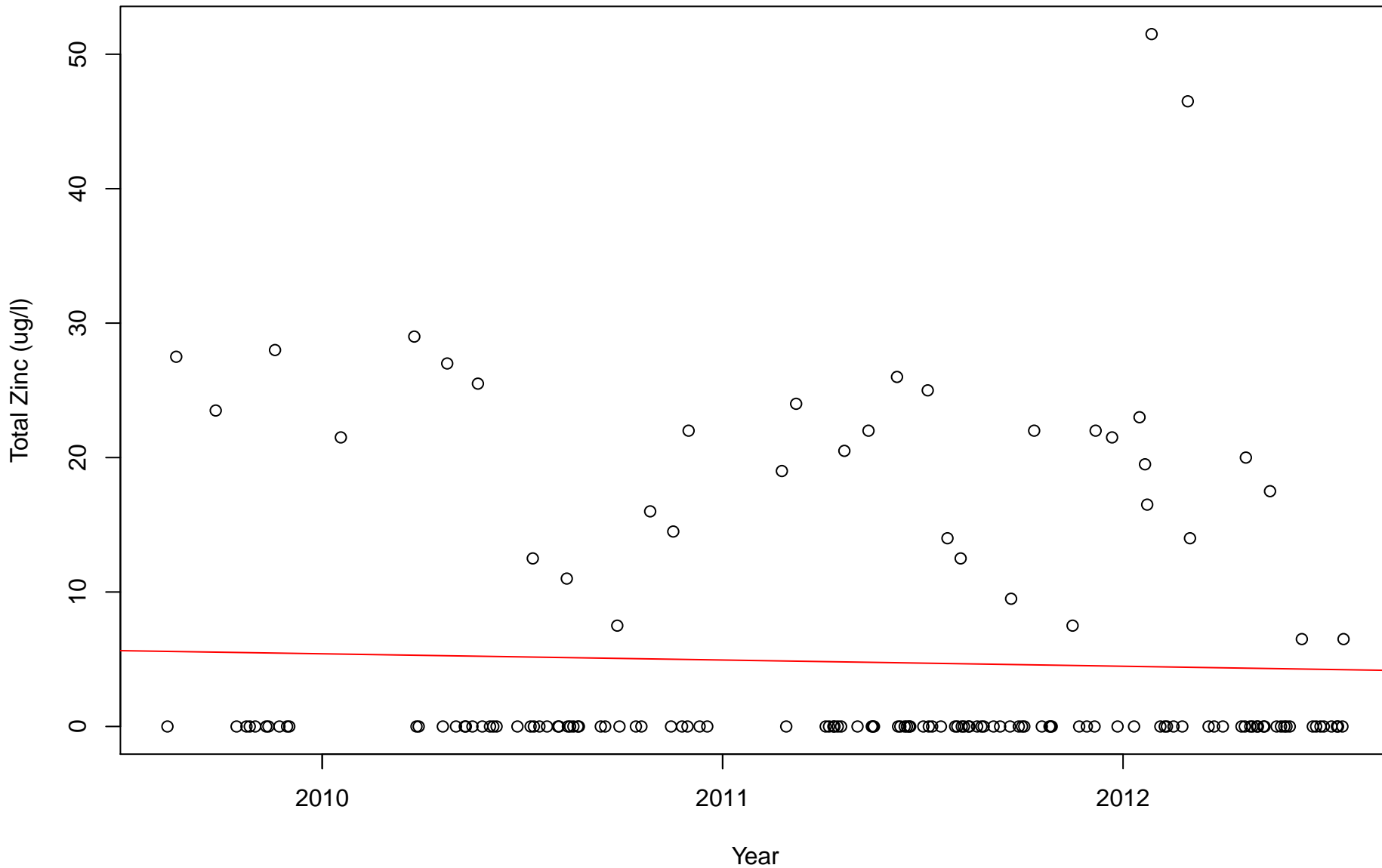
SHA06MSI00LD02



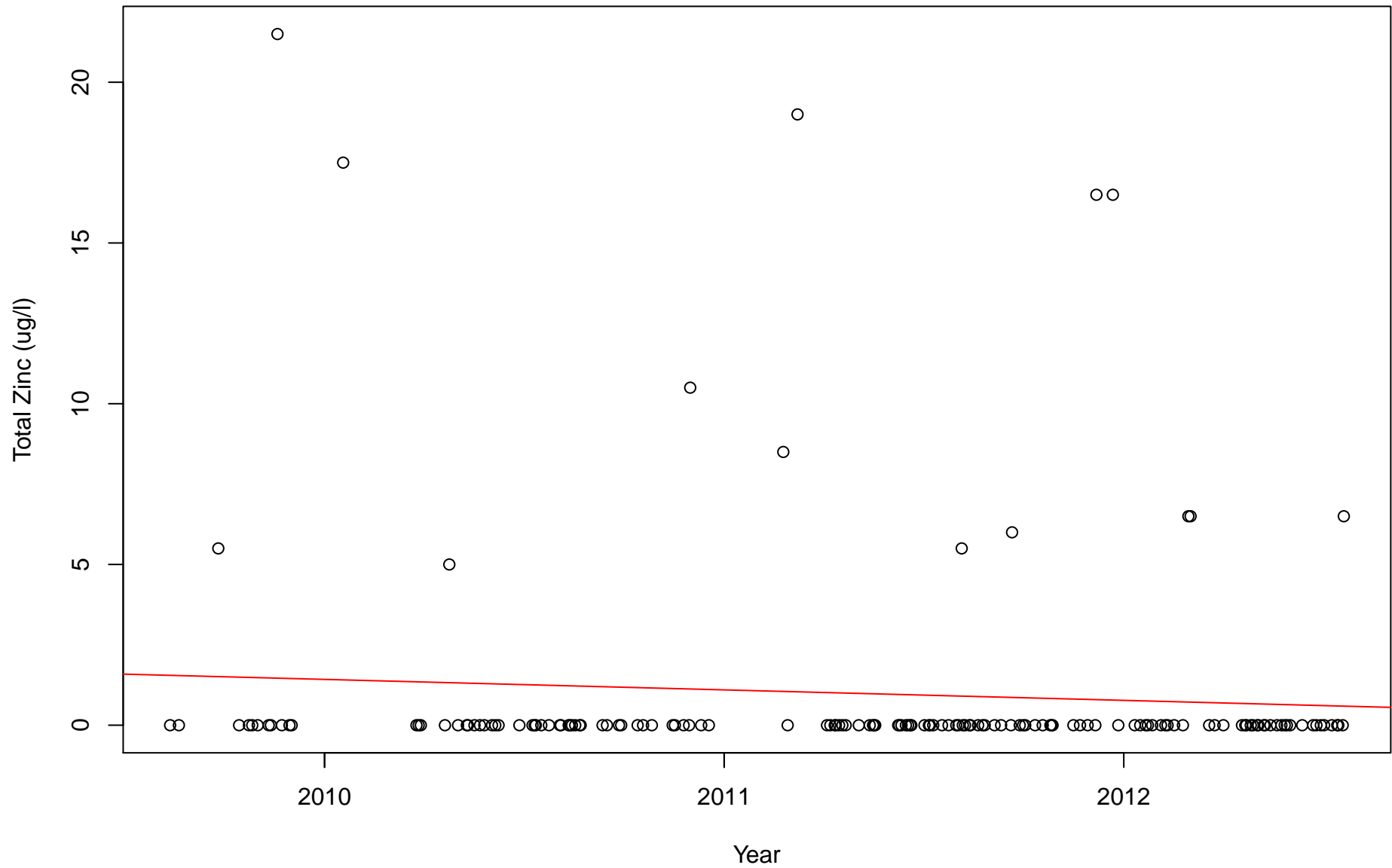
slope = -15.1259209668157; p-value = 0.377617748465226

SHA08MSI00WI01



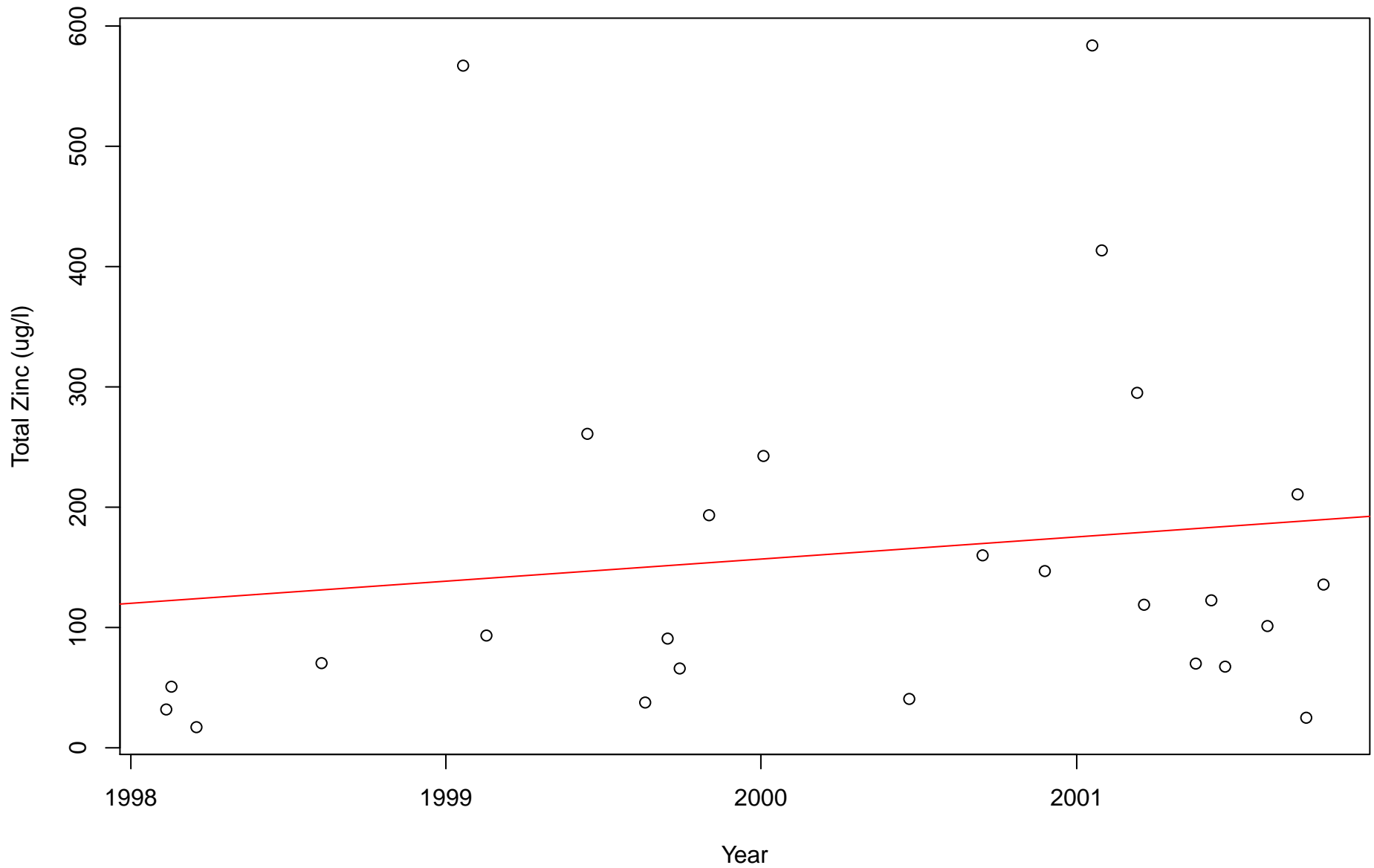
SHA08MSI00WI02

slope = -0.463294892188416; p-value = 0.634690018493897

SHA08MSI00WI03

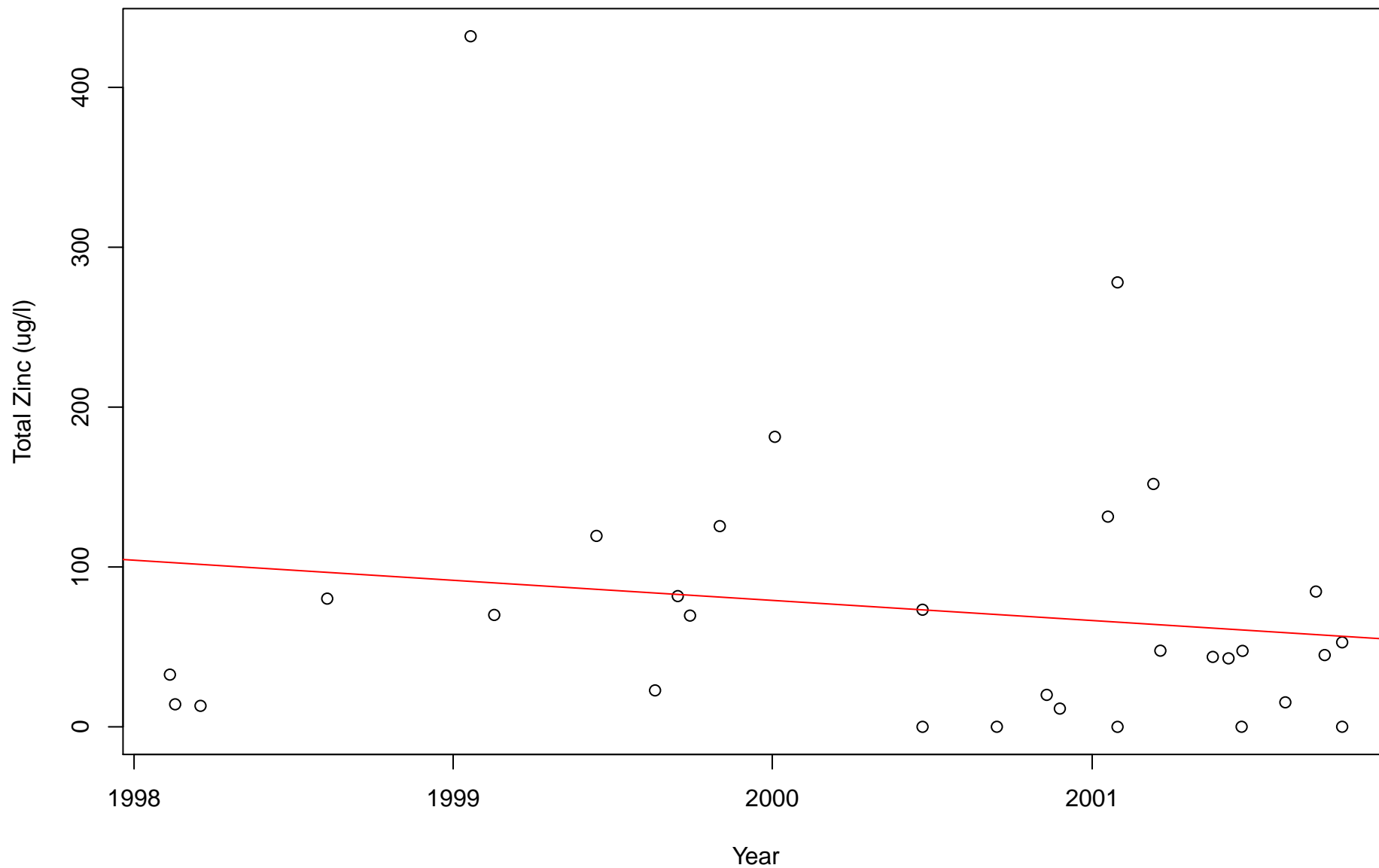
slope = -0.326155925179362; p-value = 0.360052843534136

SHA98MSI00PS01



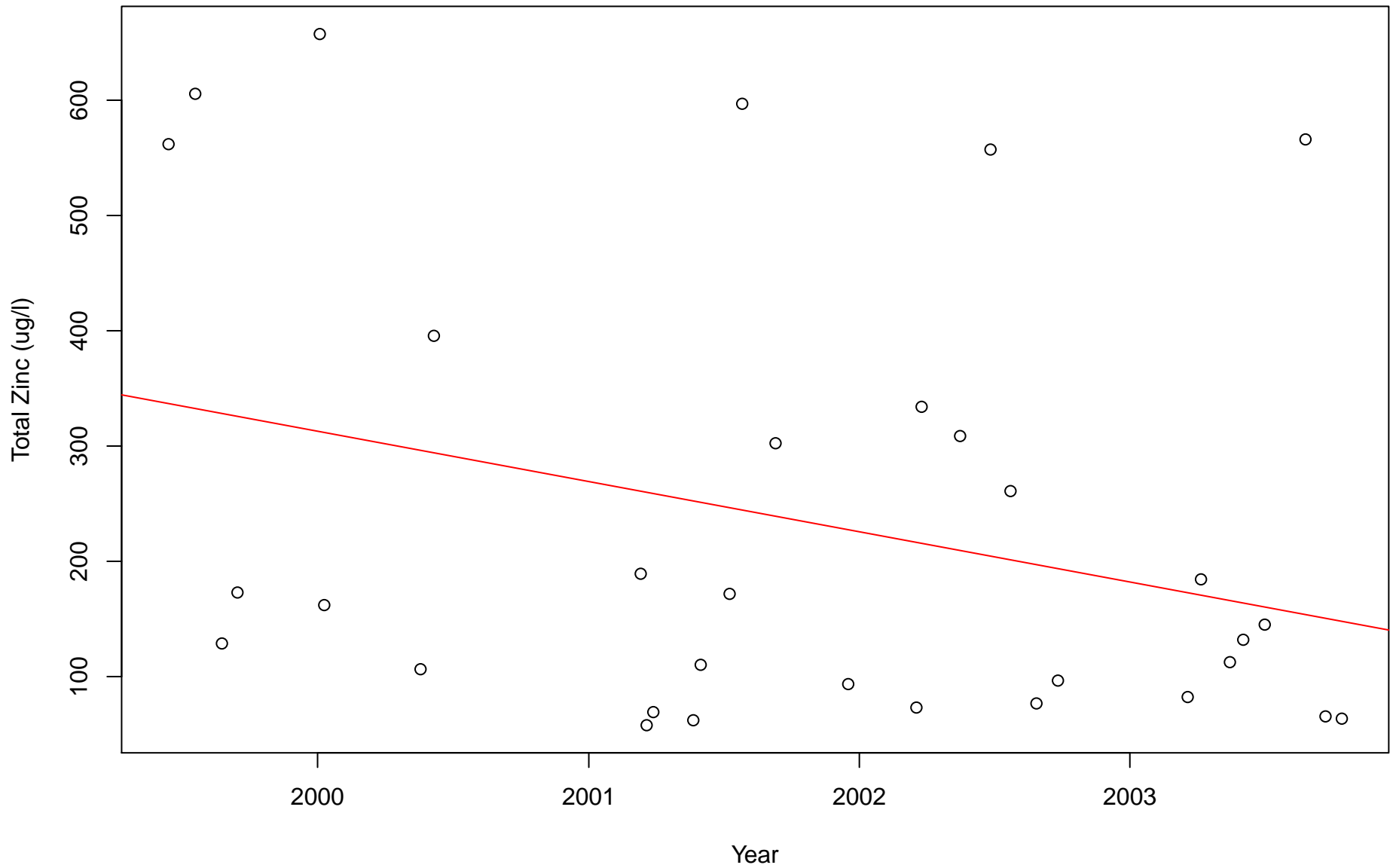
slope = 18.3772369373933; p-value = 0.480264448193665

SHA98MSI00PS02



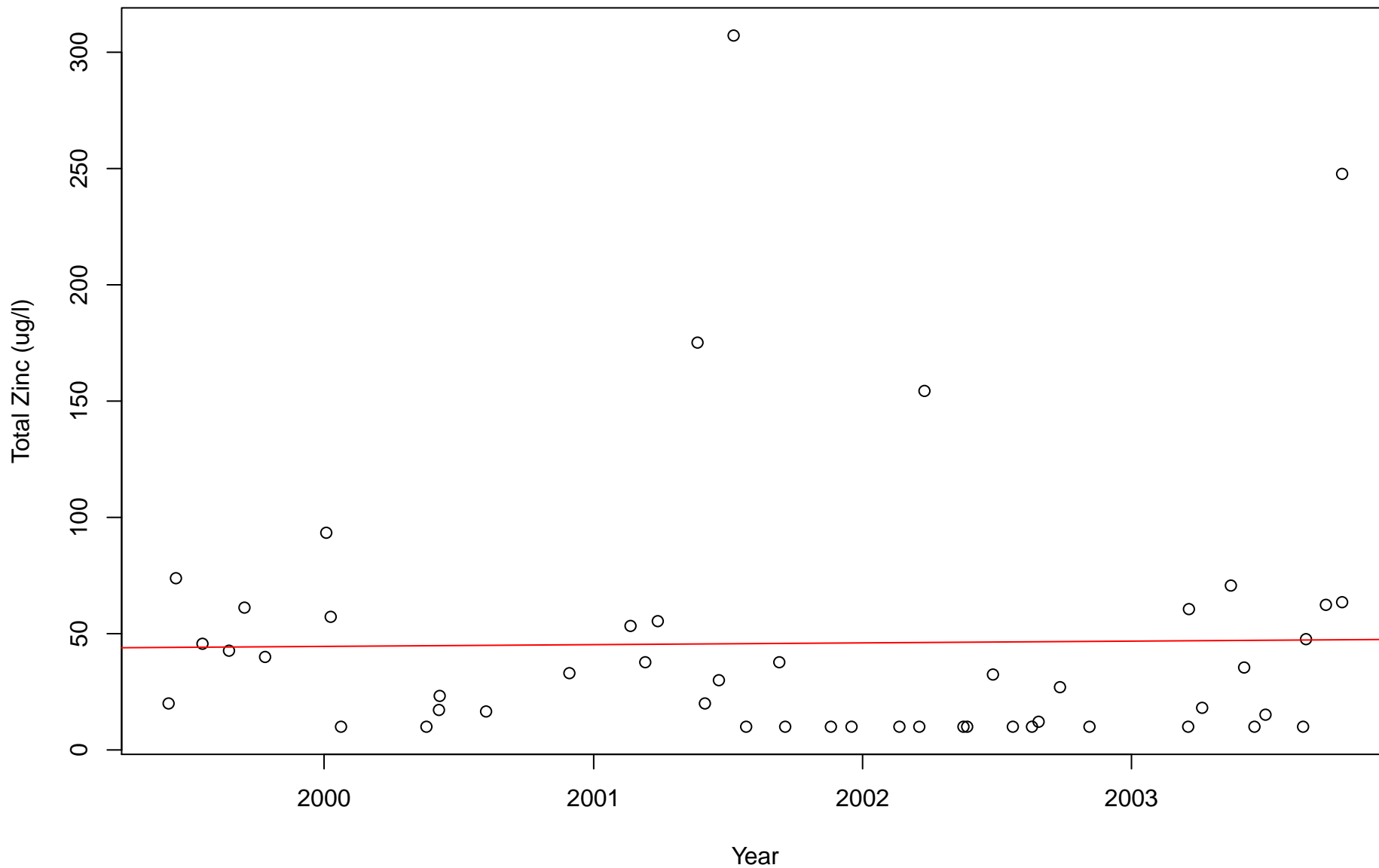
slope = -12.5646210772526 ; p-value = 0.38654167193046

SHA99MSI00DV01



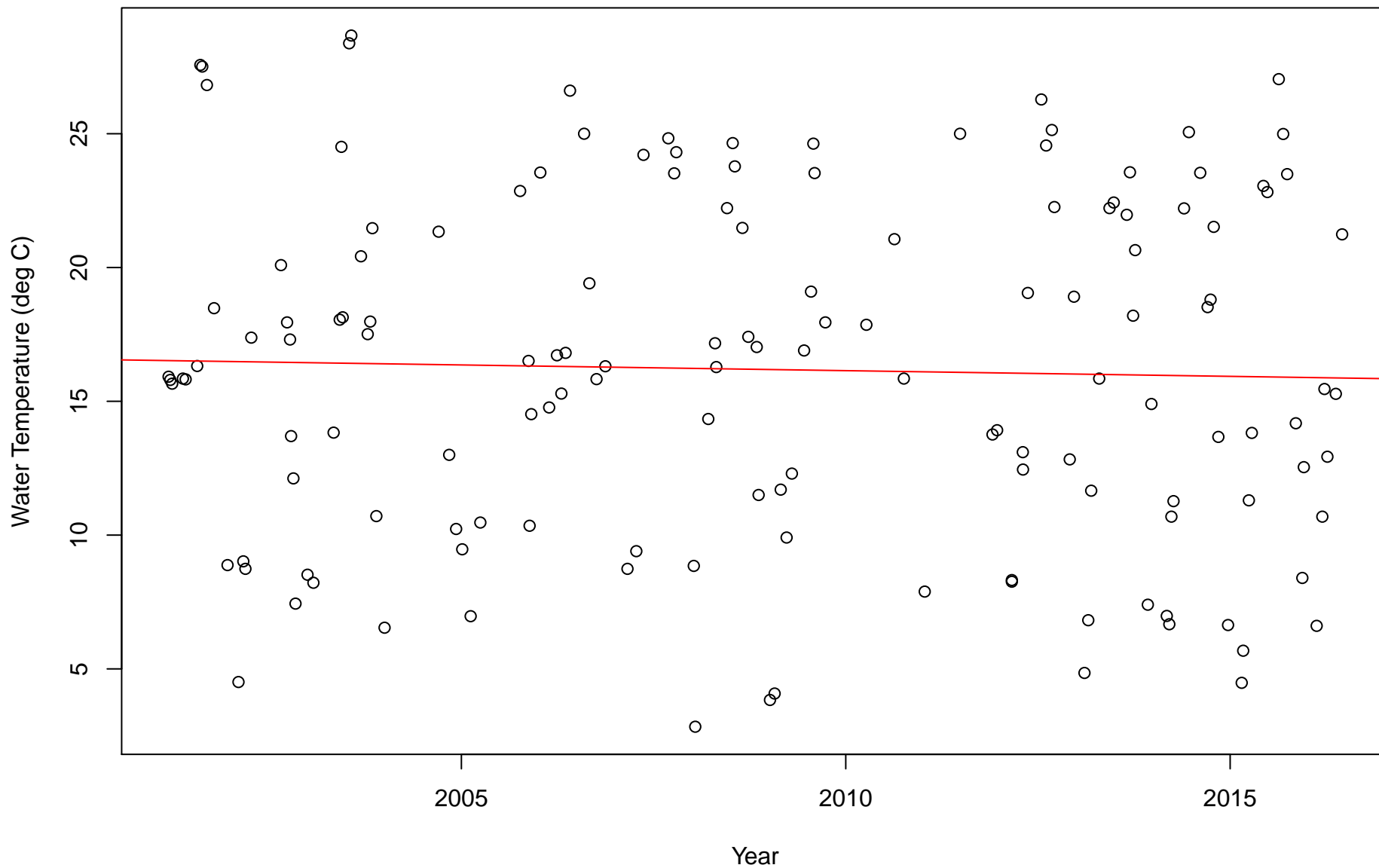
slope = -43.5584761136438 ; p-value = 0.087673202817914

SHA99MSI00DV02



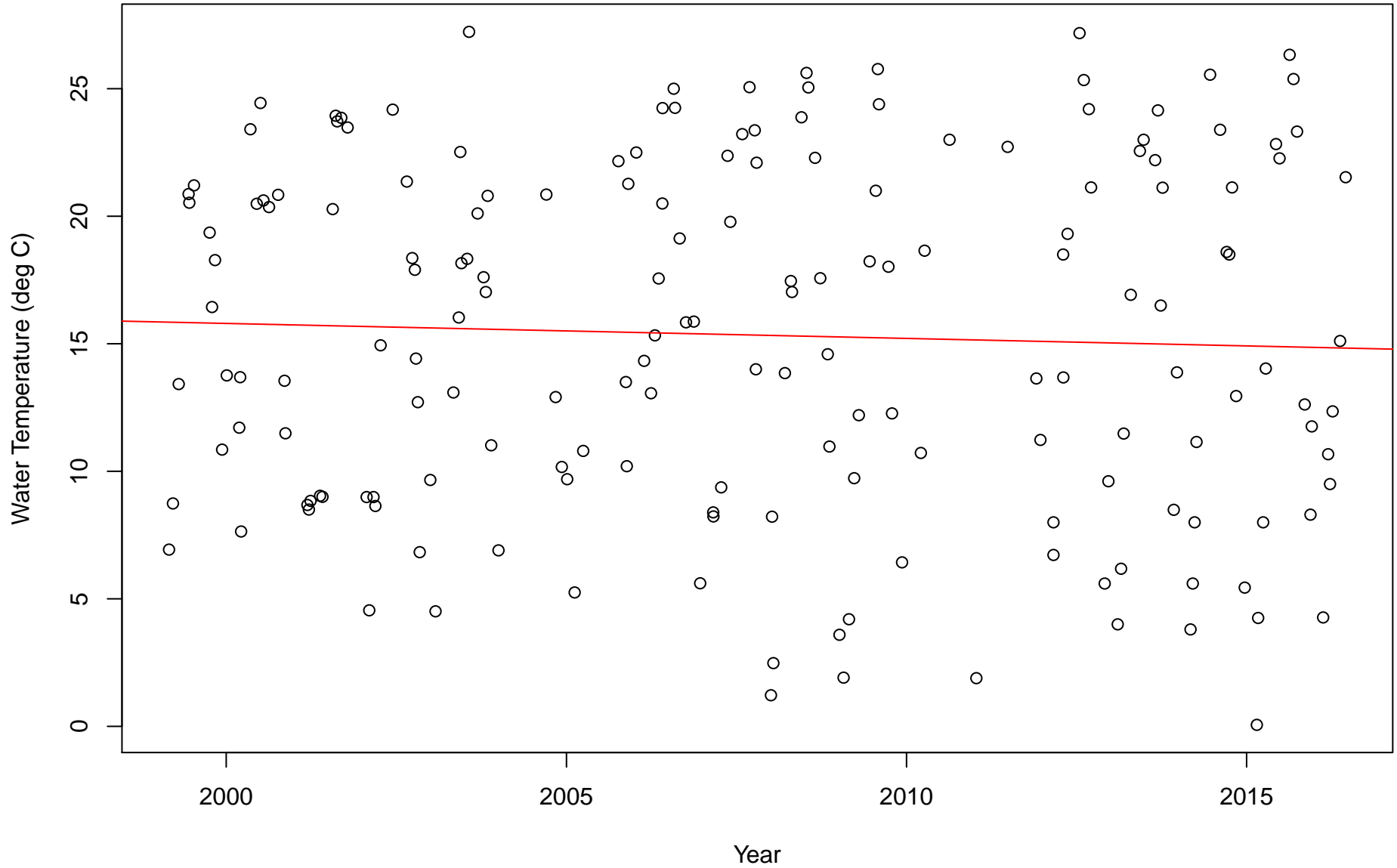
slope = 0.755069704815771; p-value = 0.906193686080538

AA94MSI000008



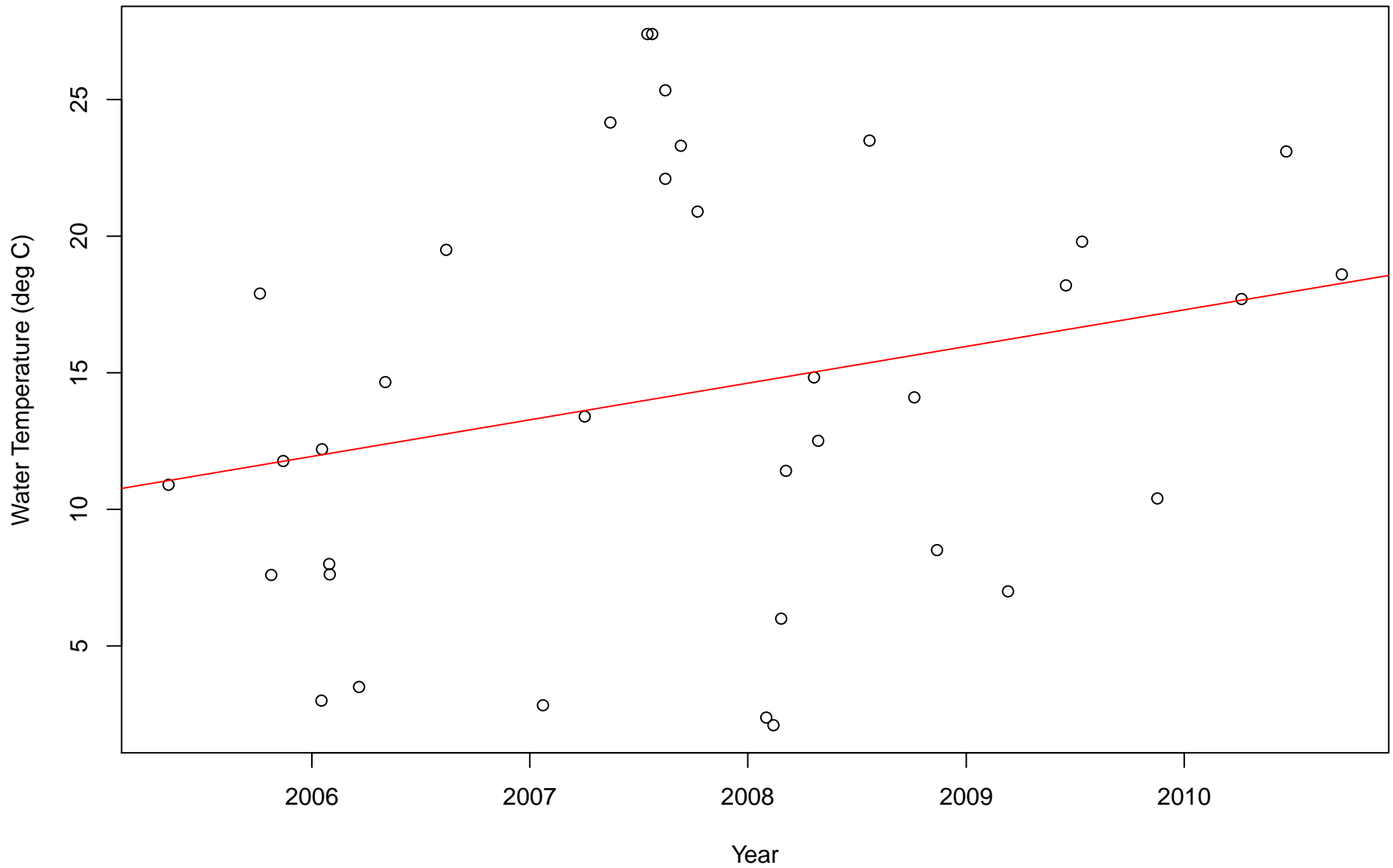
slope = -0.0425838926553867; p-value = 0.706101638079727

AA94MSI000009



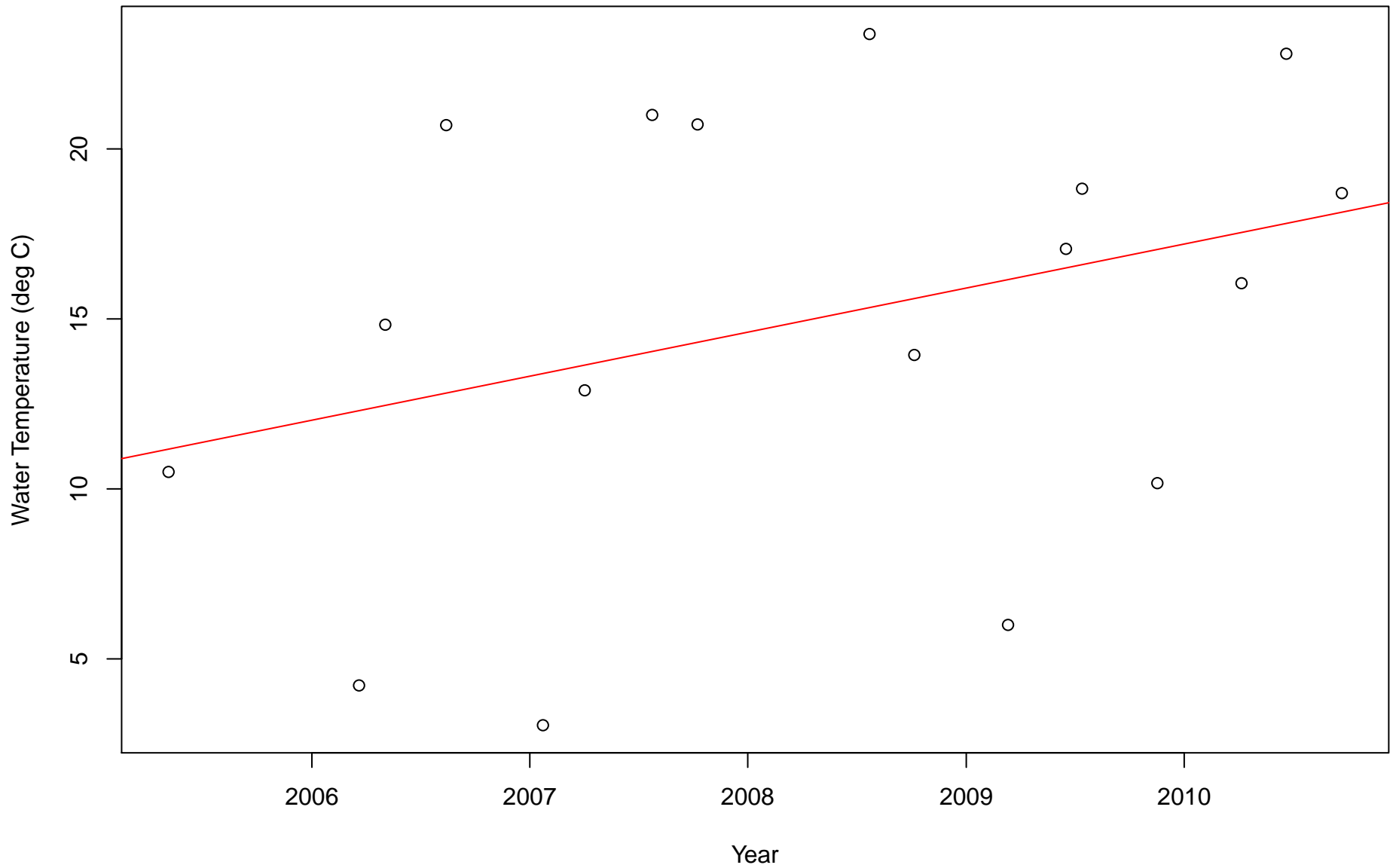
slope = -0.0587089421021093 ; p-value = 0.553495911931624

BA05MSI000SL01



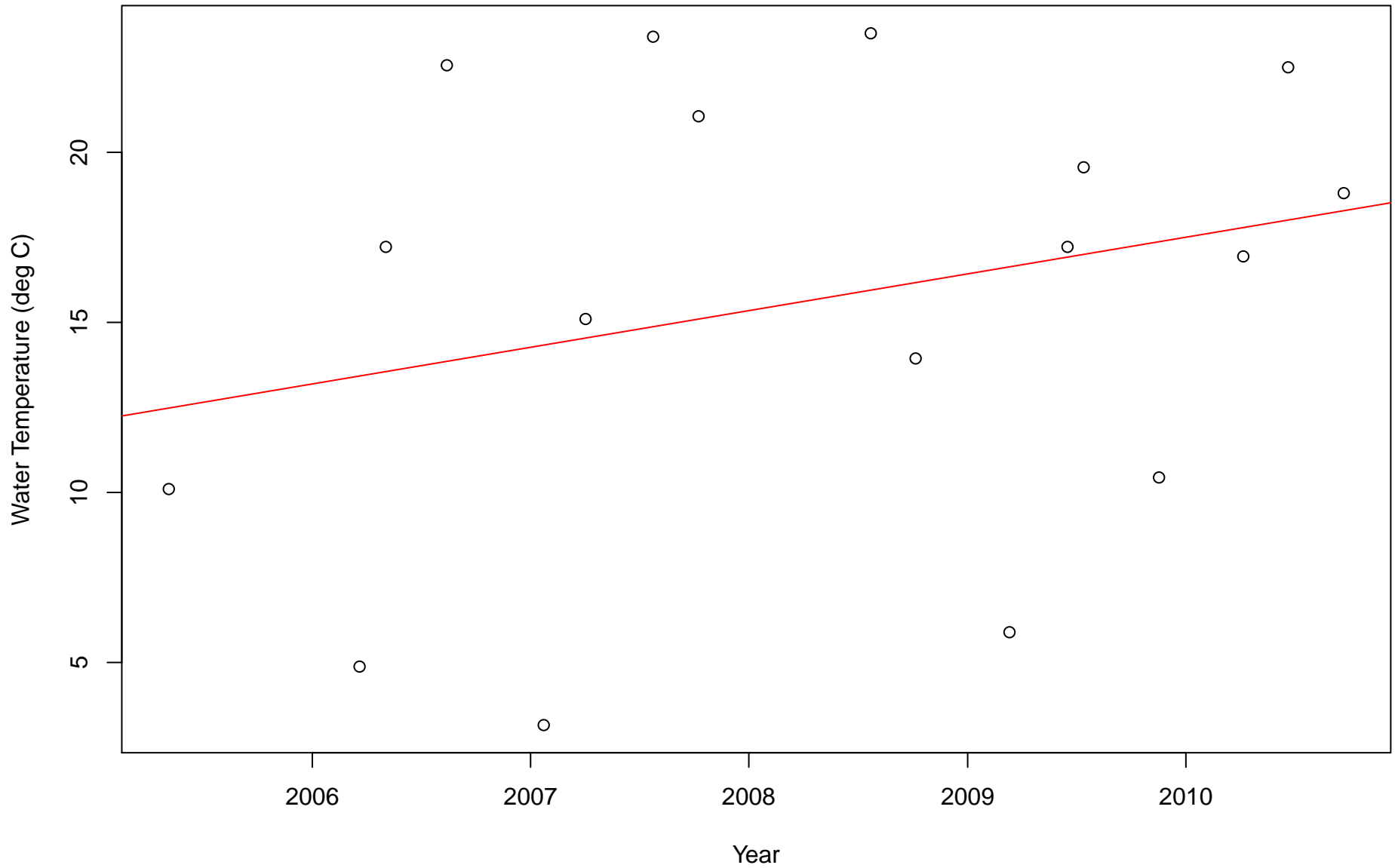
slope = 1.3408544659407; p-value = 0.130166602639814

BA05MSI000SL02



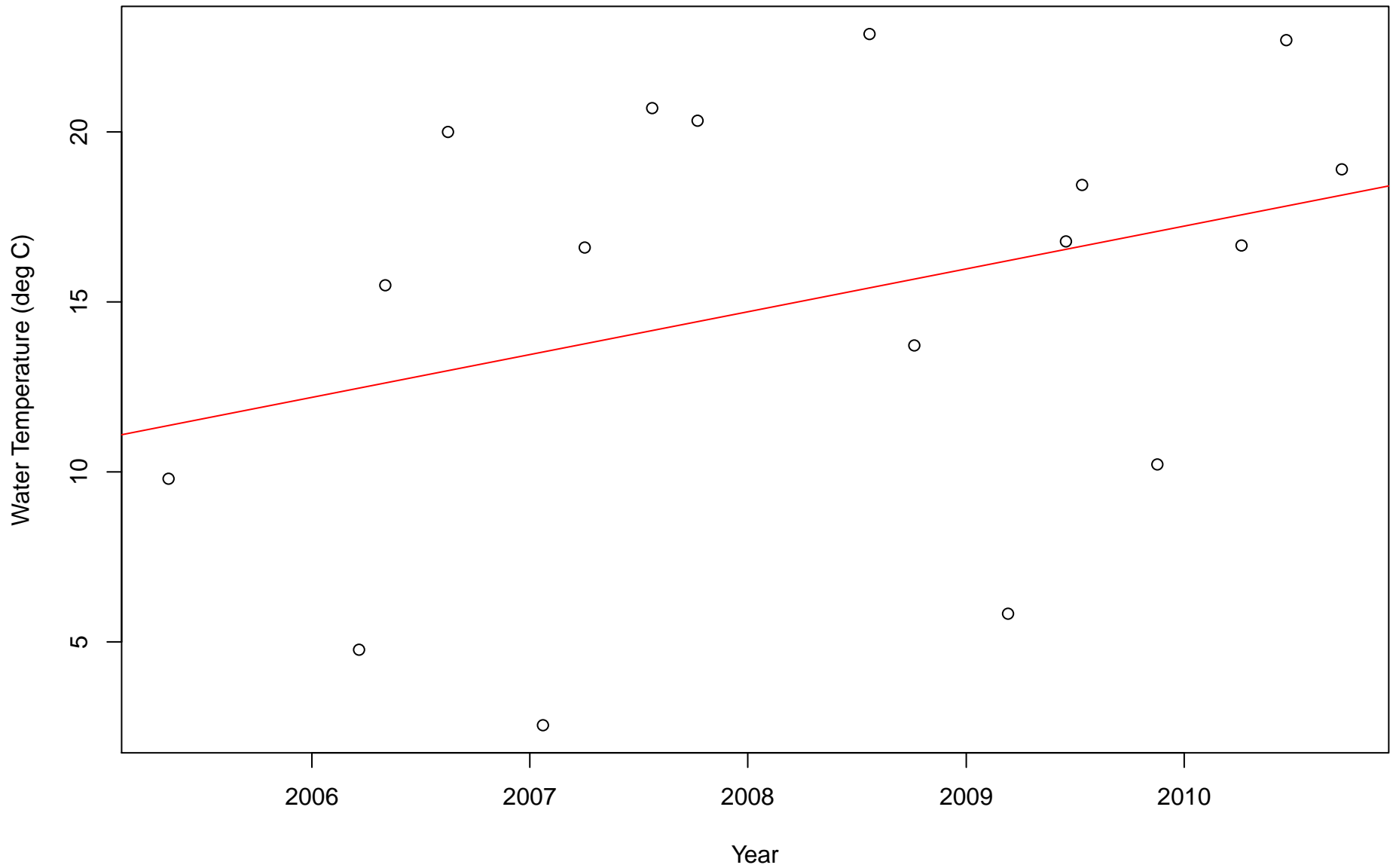
slope = 1.29445762965265; p-value = 0.187270839076935

BA05MSI000SL03



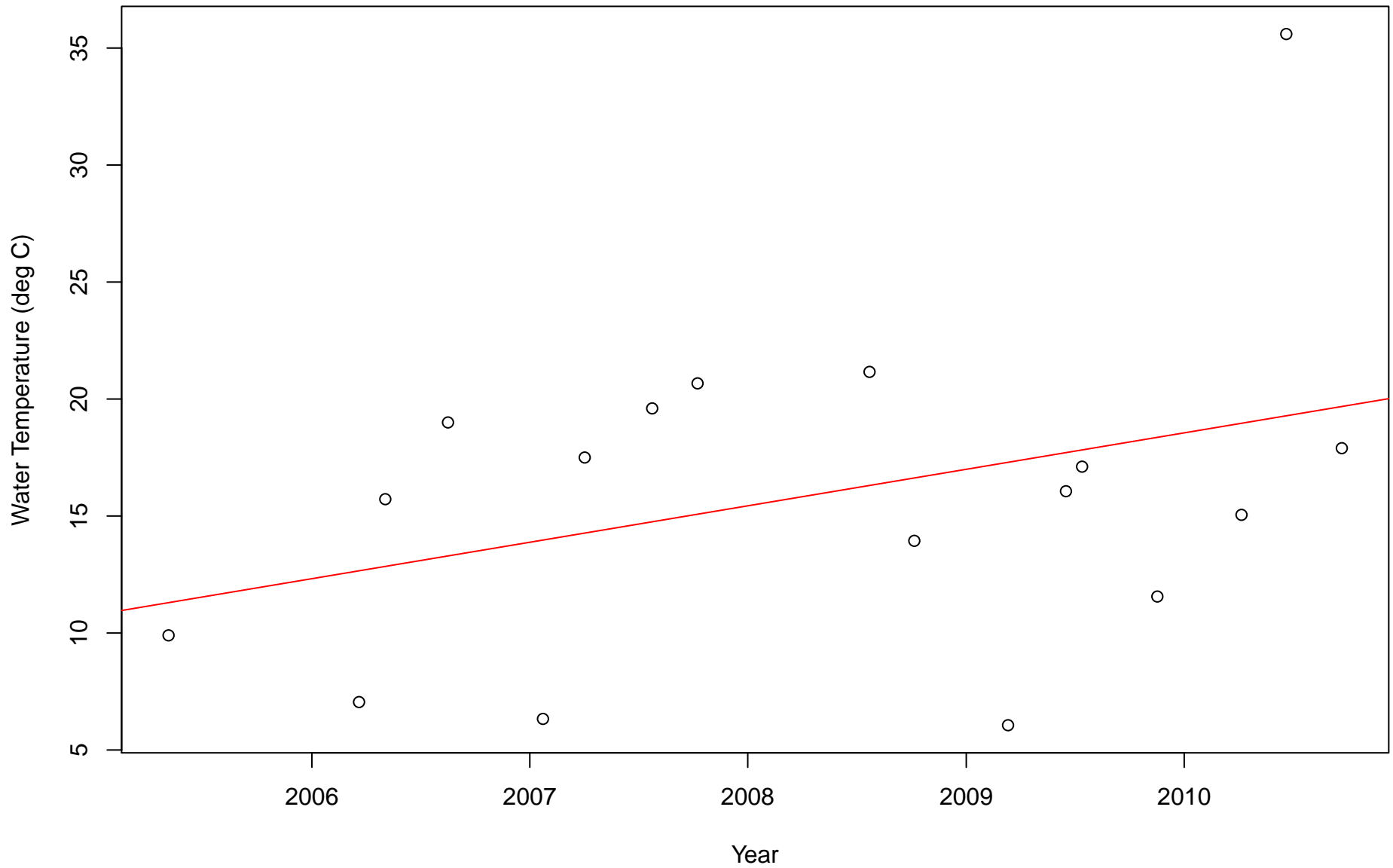
slope = 1.07784164905407; p-value = 0.295427764828949

BA05MSI000SL04



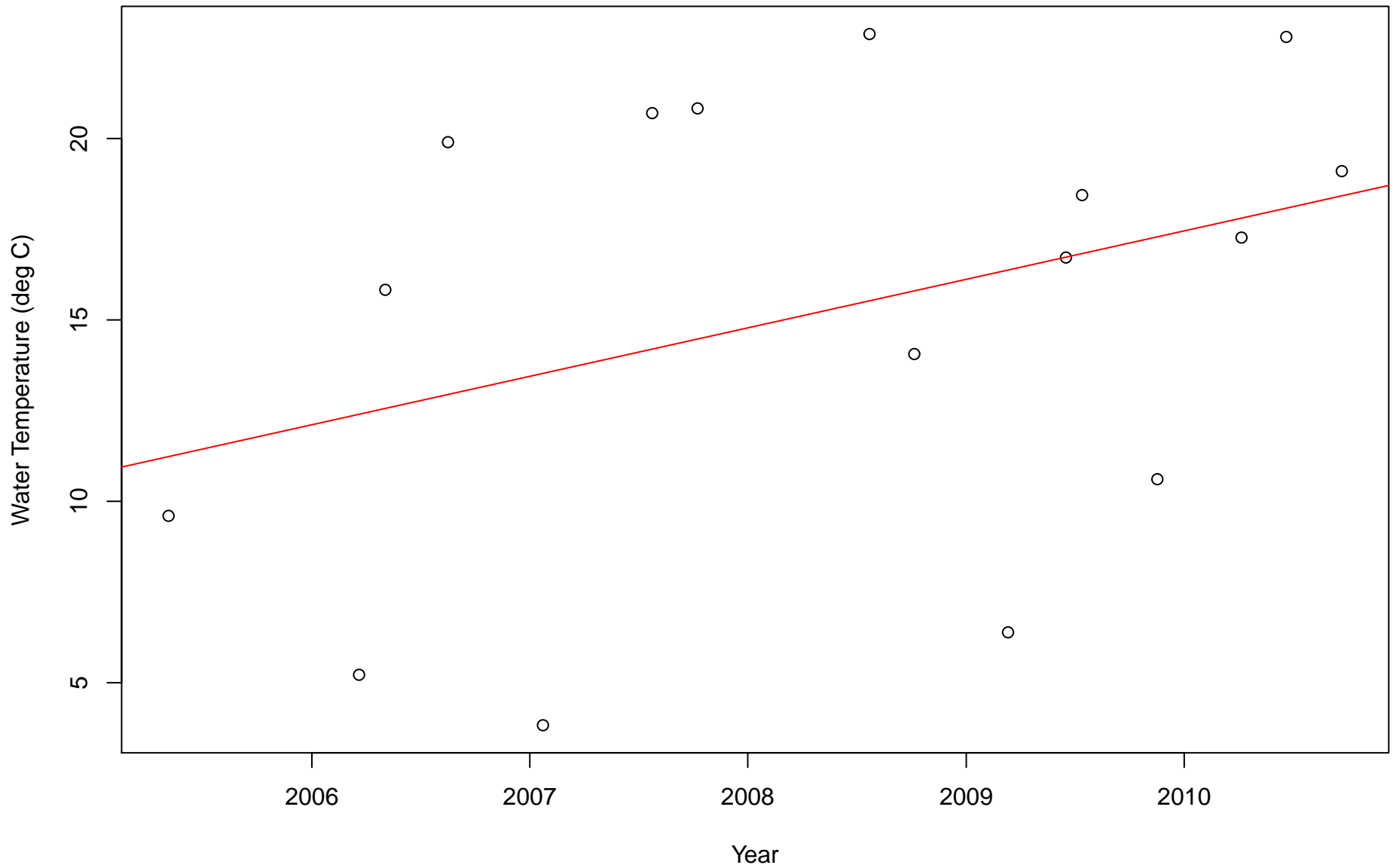
slope = 1.25860548606036; p-value = 0.194485748289937

BA05MSI000SL05



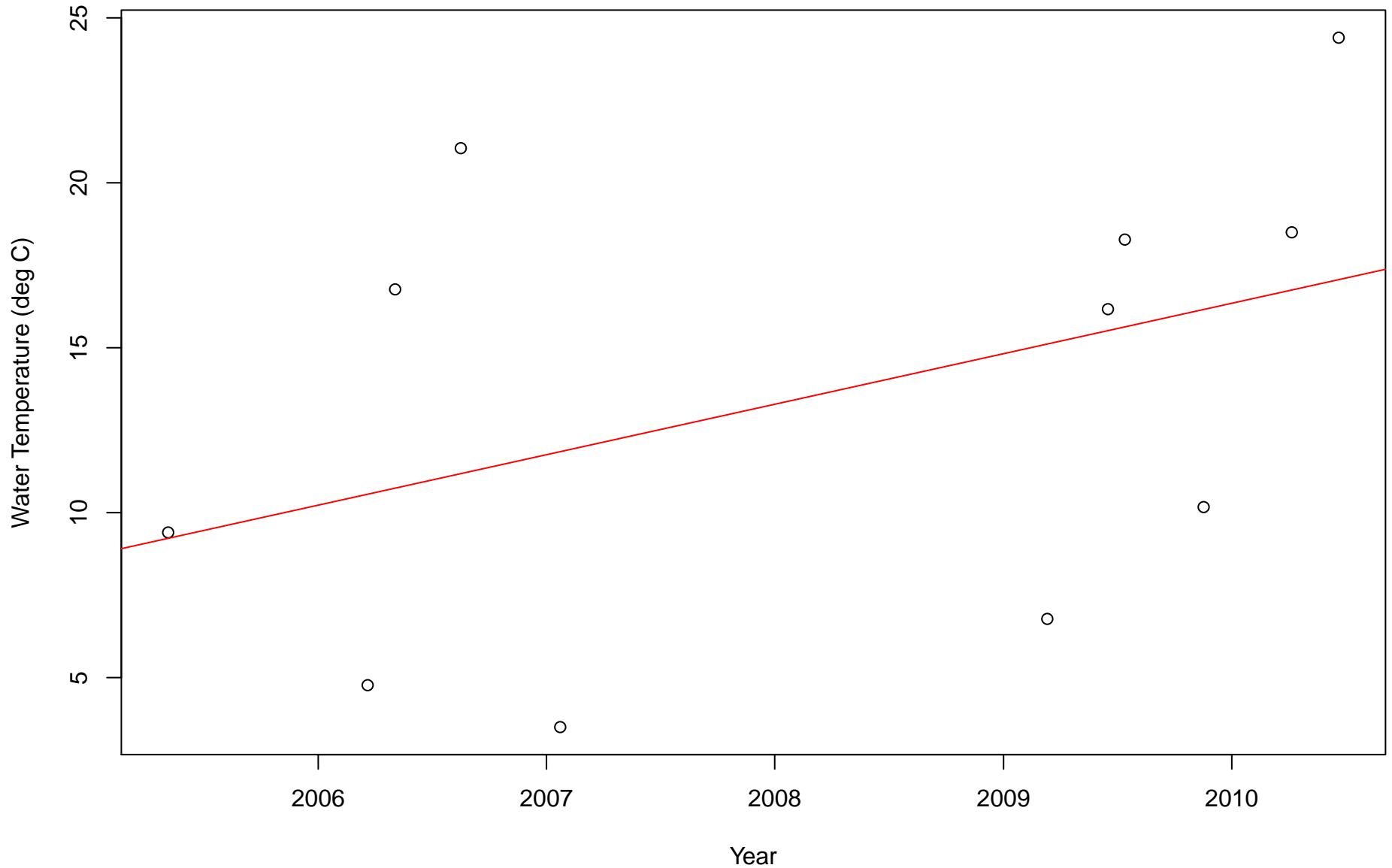
slope = 1.55703362925429; p-value = 0.147835542674116

BA05MSI000SL06



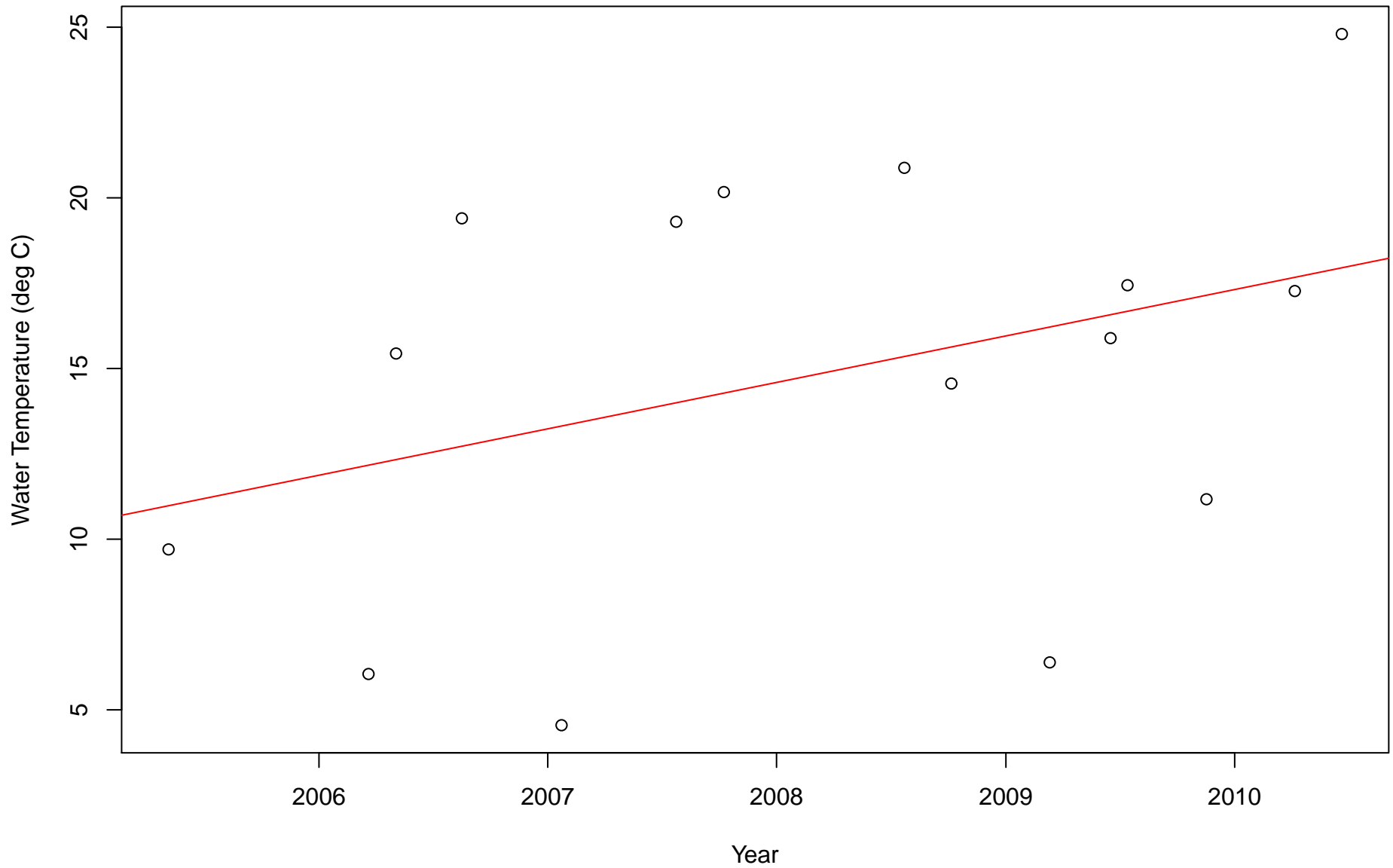
slope = 1.33499017040928; p-value = 0.171893835571513

BA05MSI000SL07



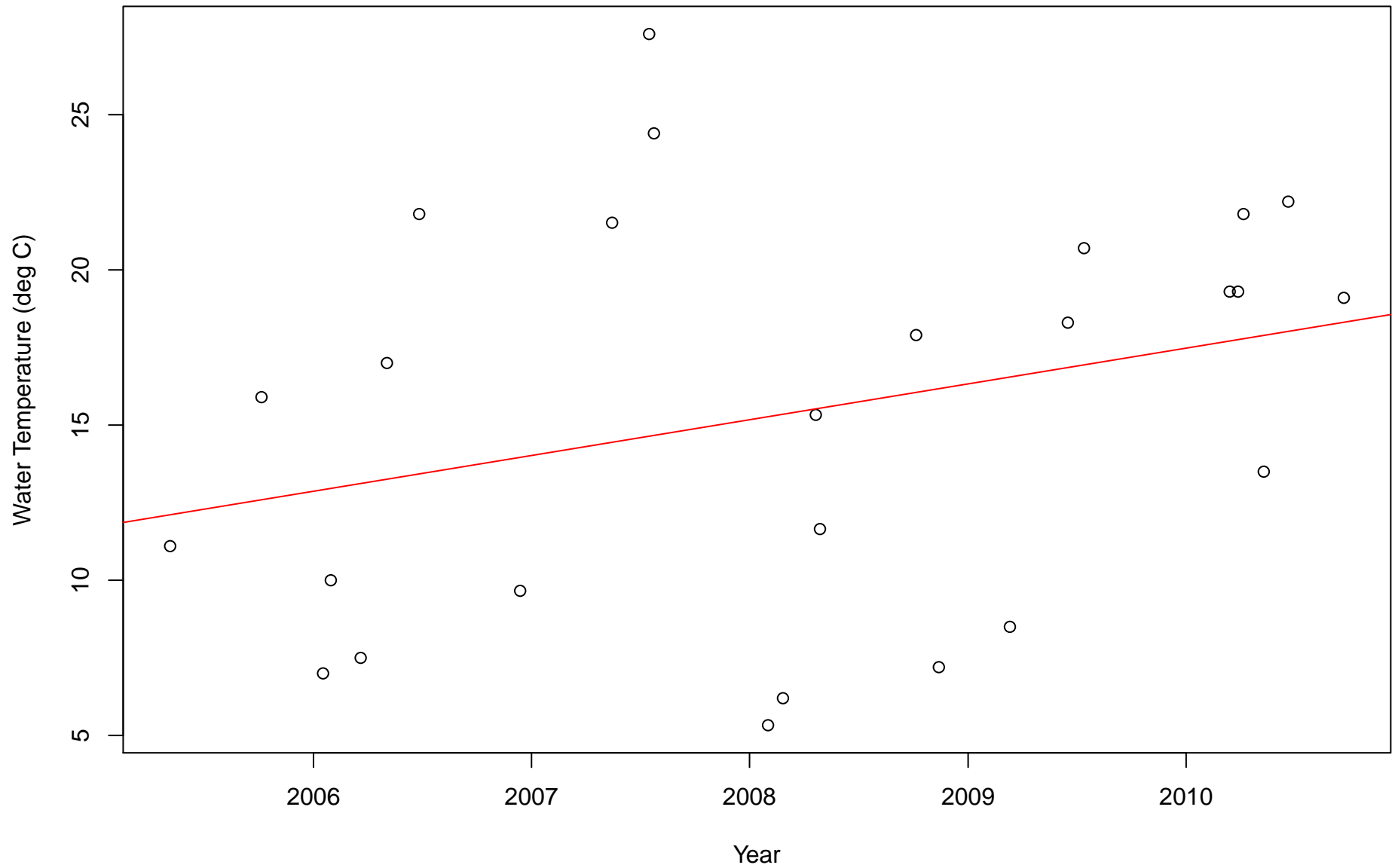
slope = 1.52902316558499; p-value = 0.205677960498666

BA05MSI000SL08



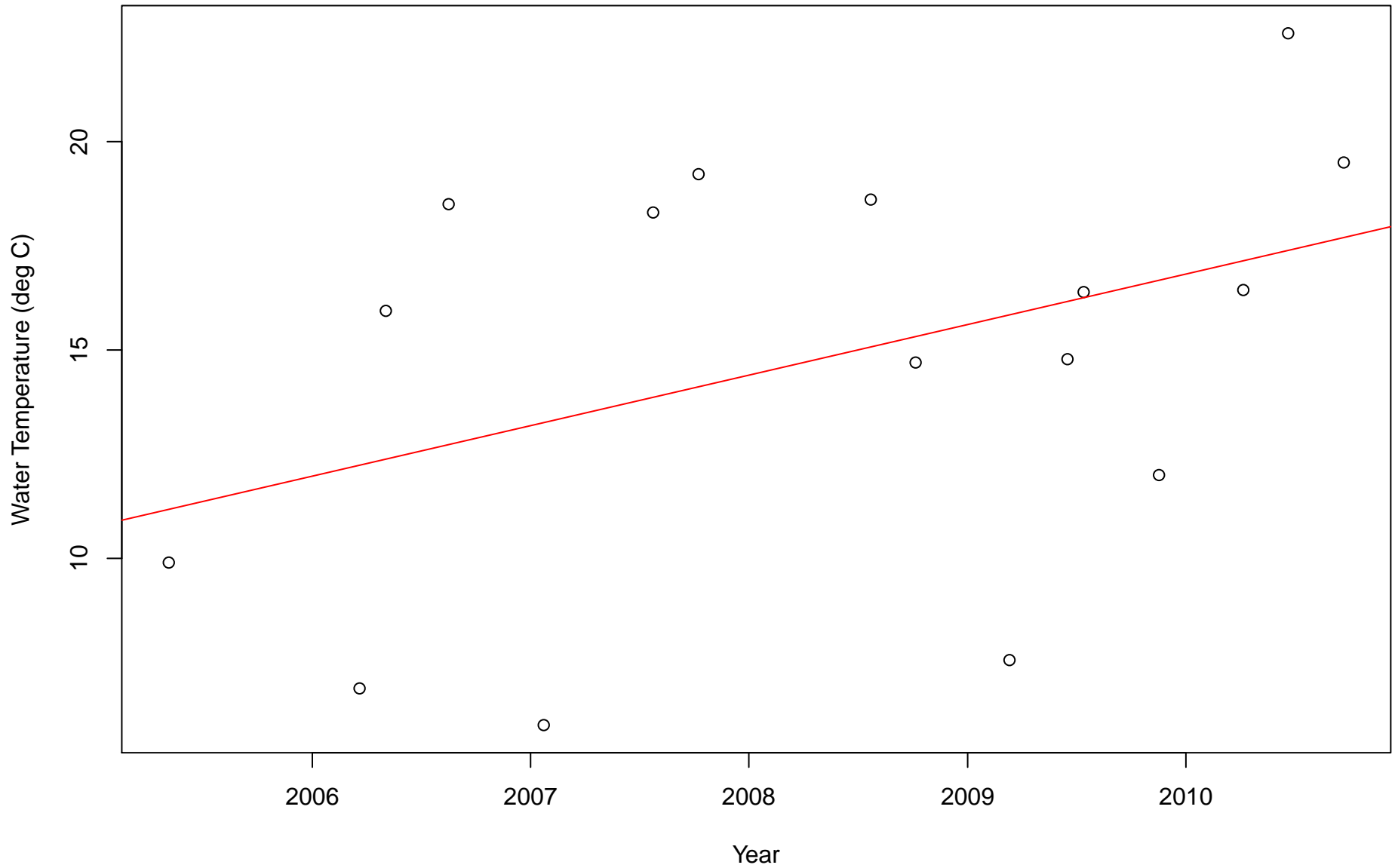
slope = 1.35916754504139; p-value = 0.181186731640469

BA05MSI000SL09



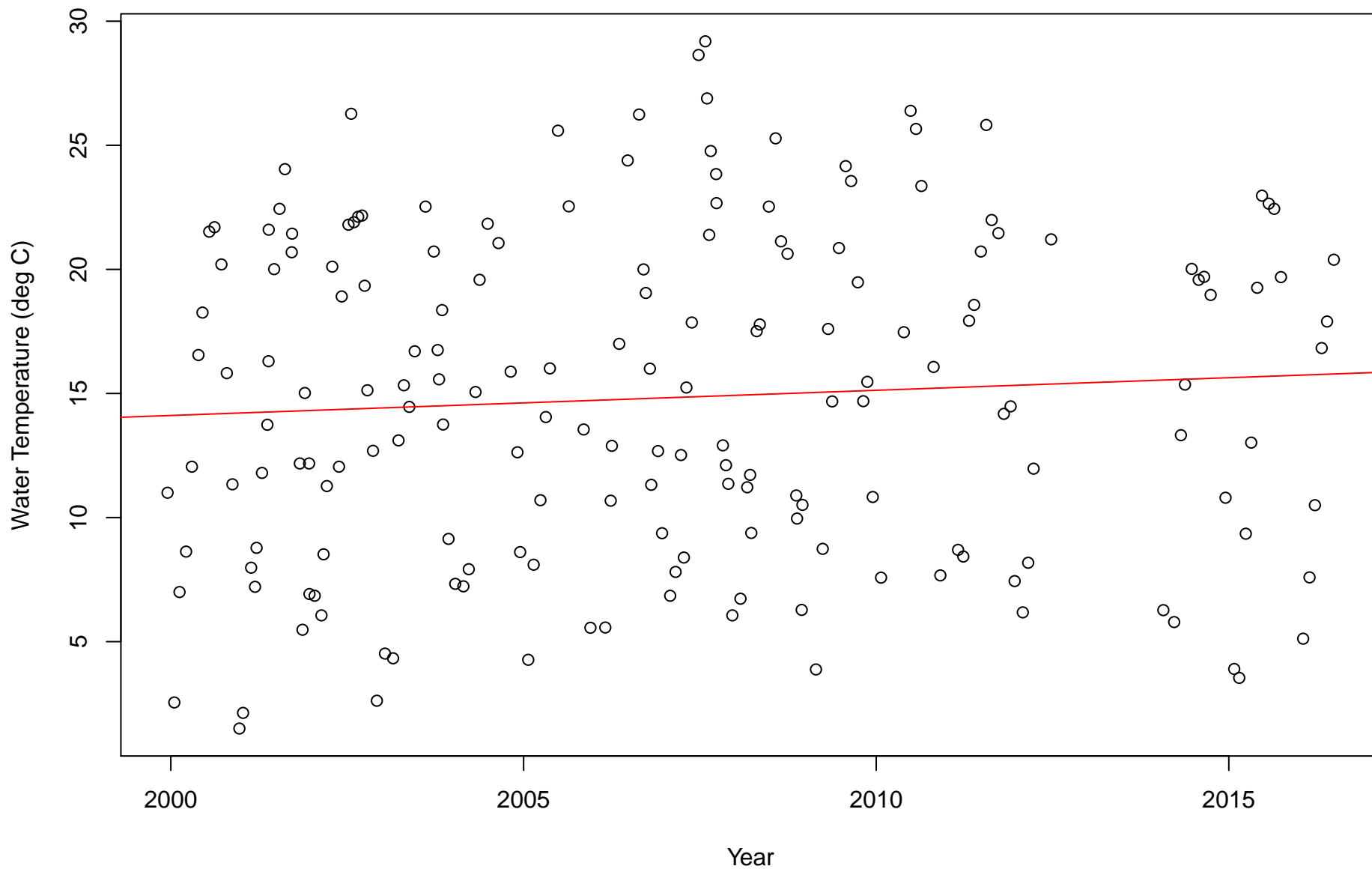
slope = 1.15209589164956; p-value = 0.132018339978523

BA05MSI000SL10



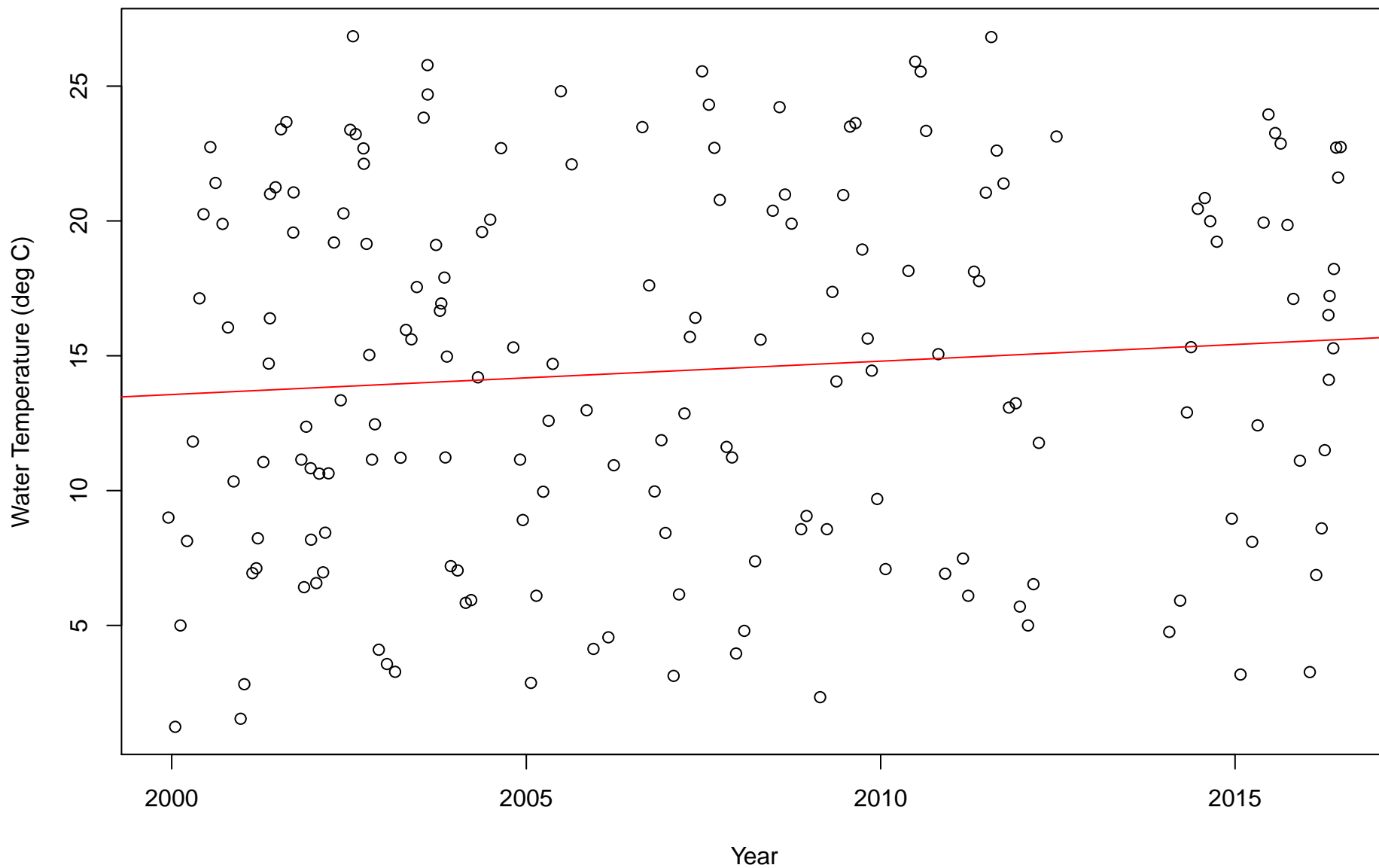
slope = 1.21143292404011; p-value = 0.114091050869921

BC16MS000I81



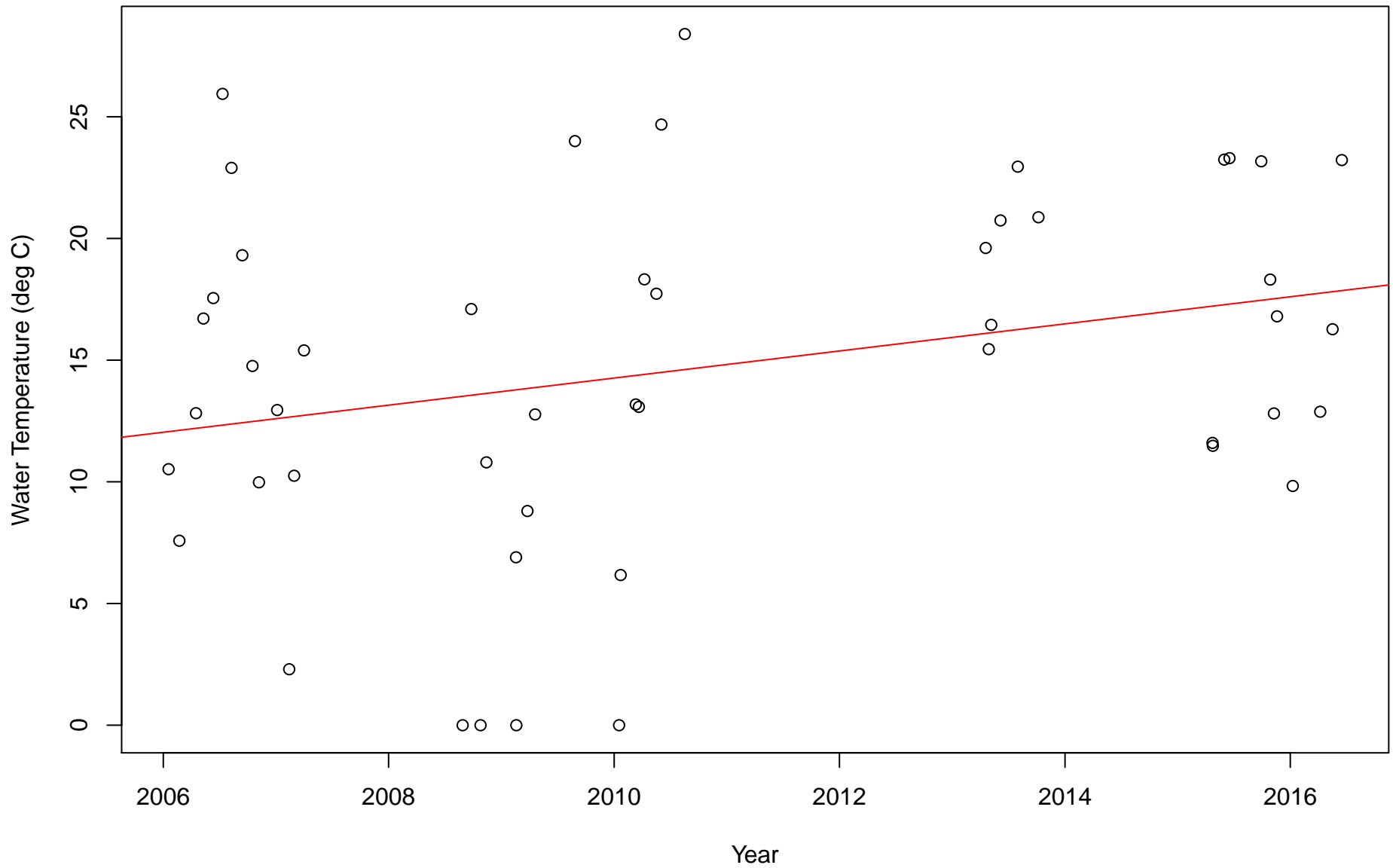
slope = 0.101374883331467; p-value = 0.338308215207889

BC16MS000I82

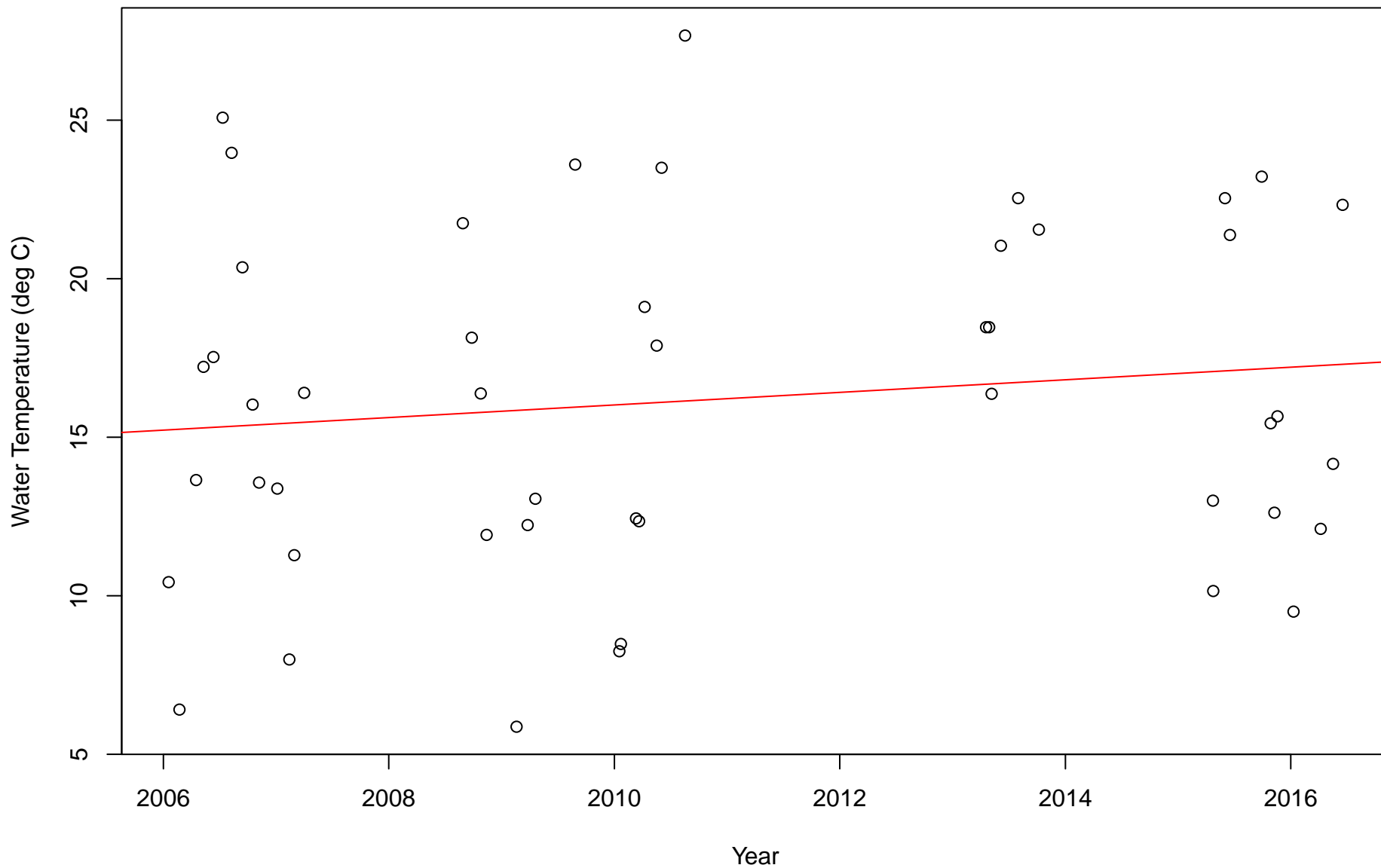


slope = 0.123659992395171; p-value = 0.222705678648098

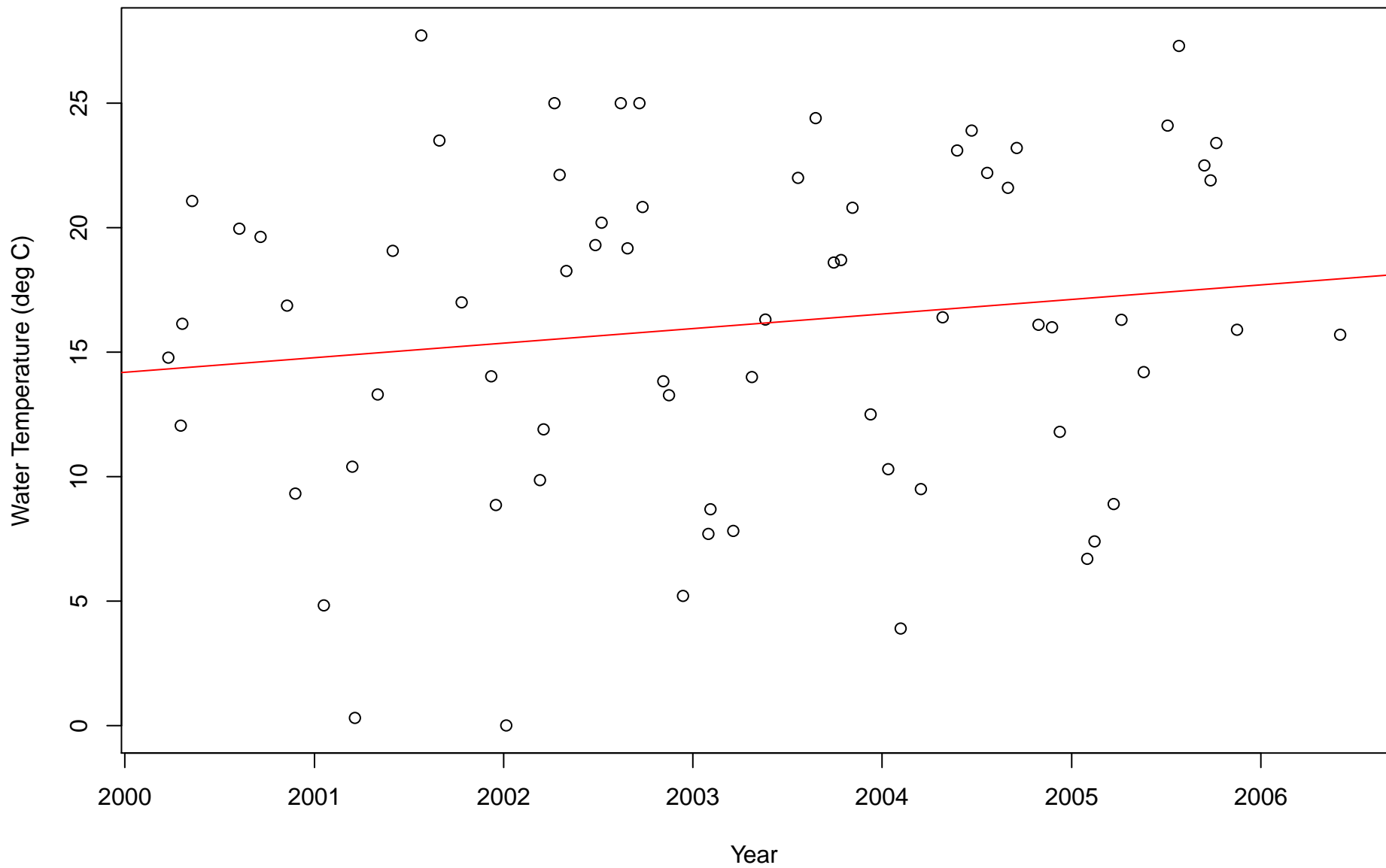
CC15MSI000001



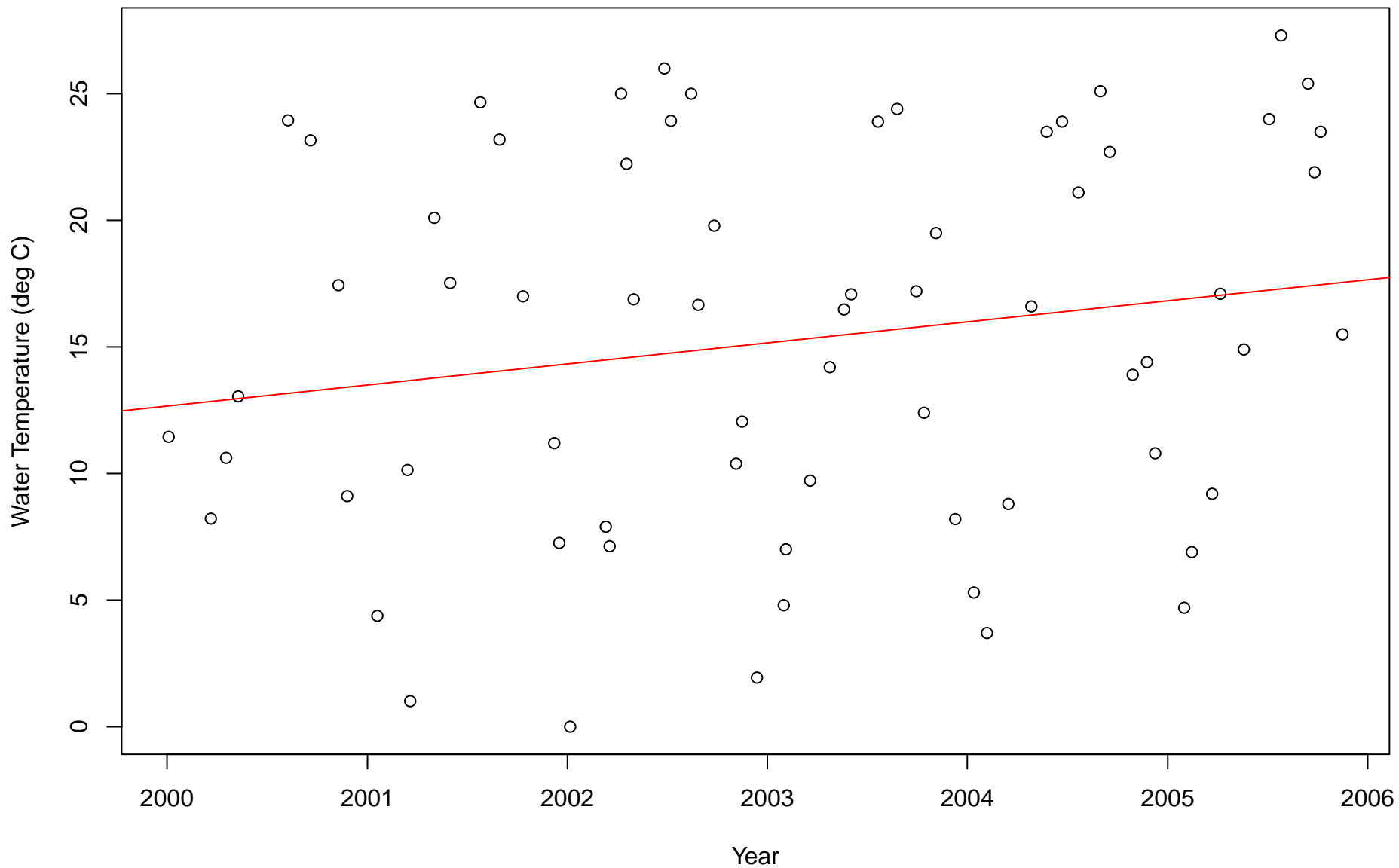
CC15MSI000002



CH99MSI000096

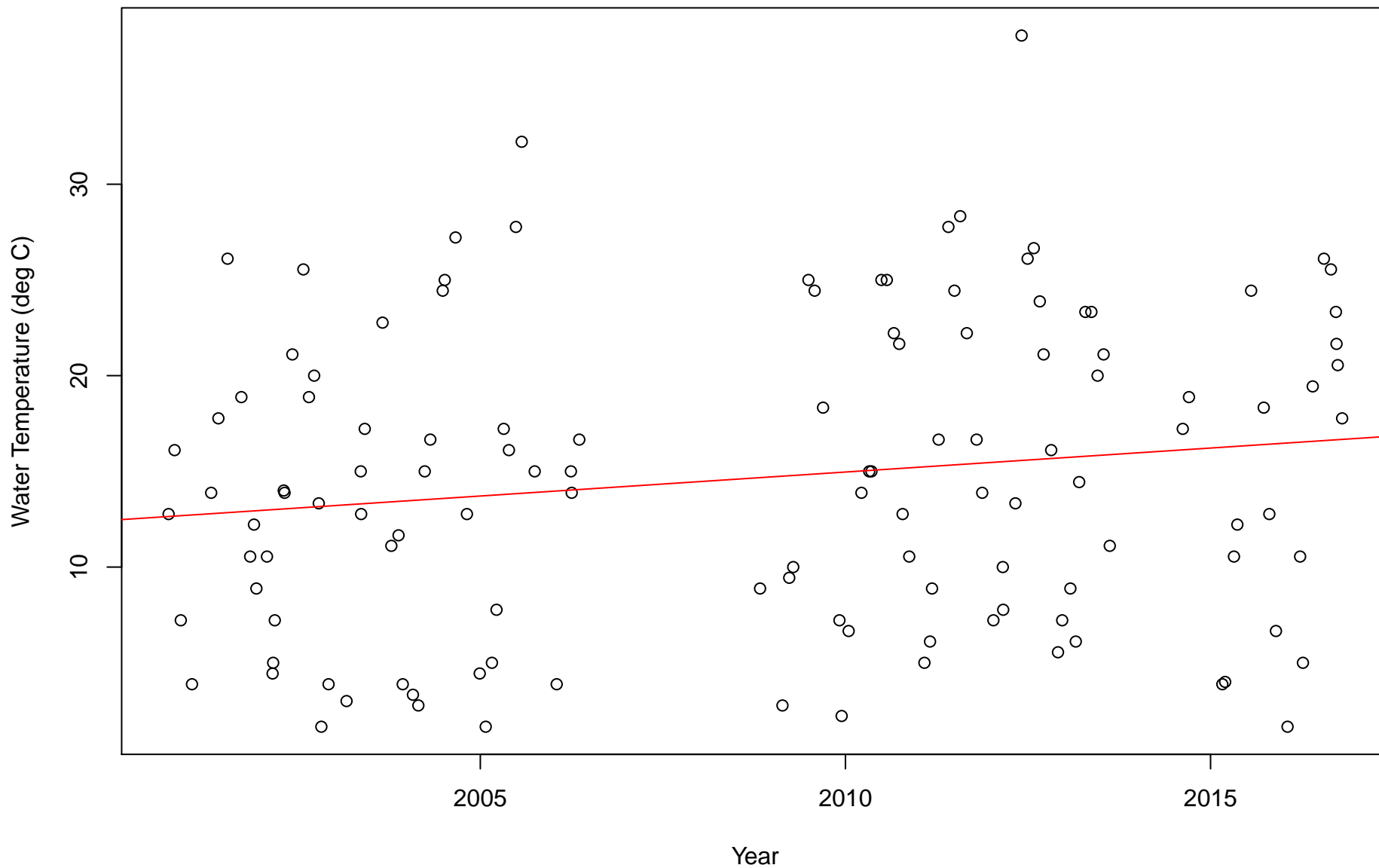


CH99MSI000162

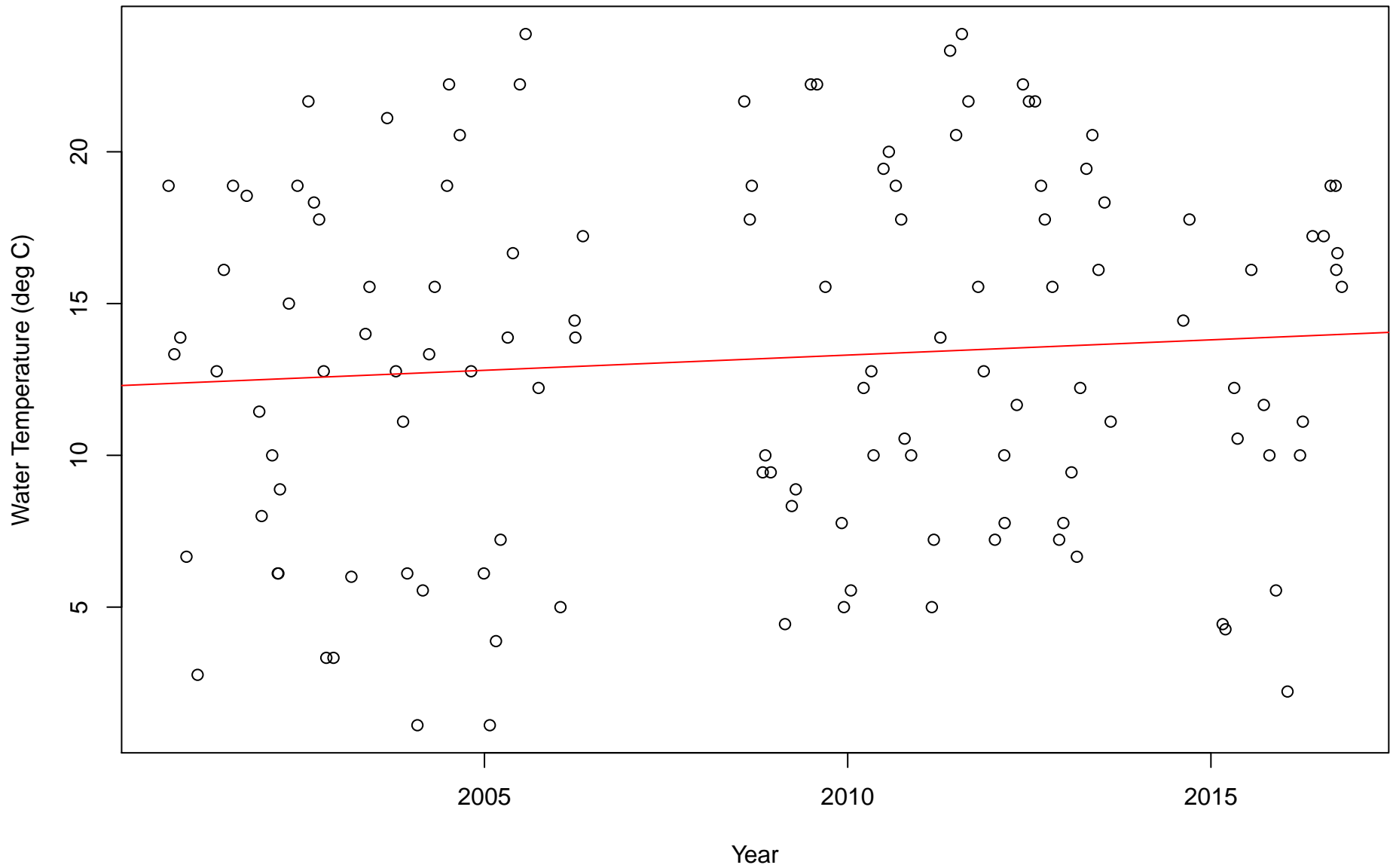


slope = 0.830968004214798; p-value = 0.13643558713505

CR15MSI000003

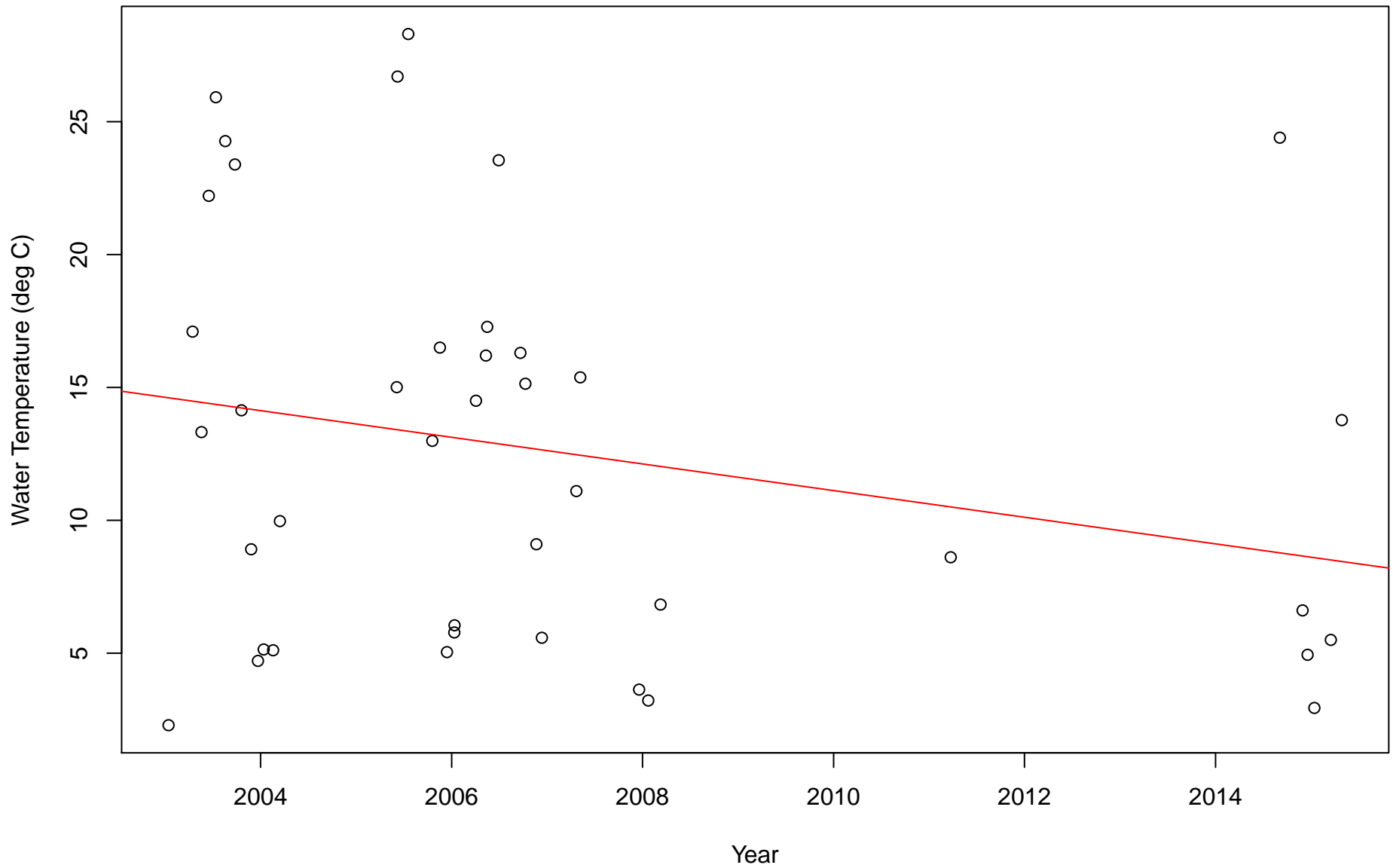


CR15MSI000004



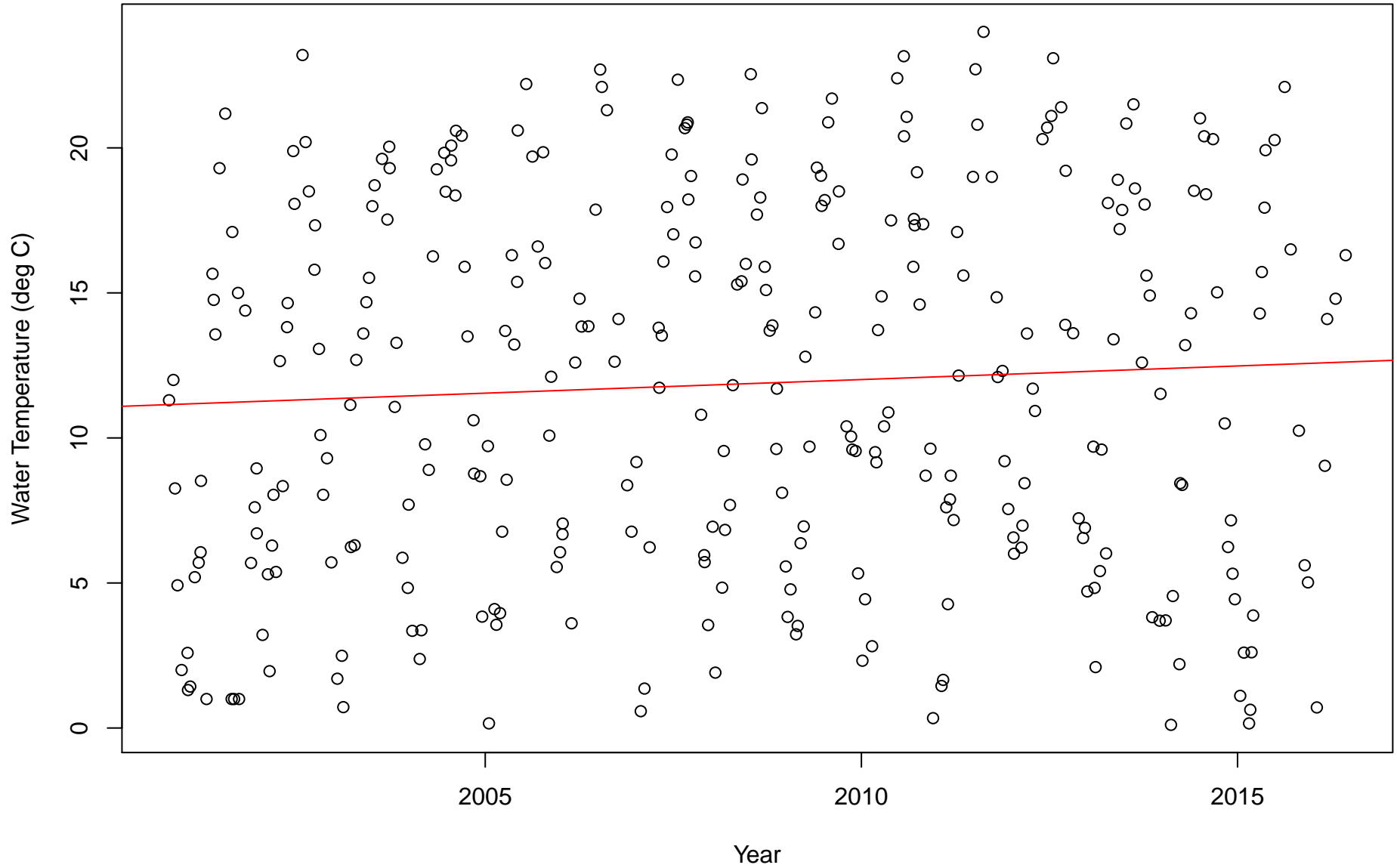
slope = 0.100302246329101; p-value = 0.350921143744265

FR02MSI000059

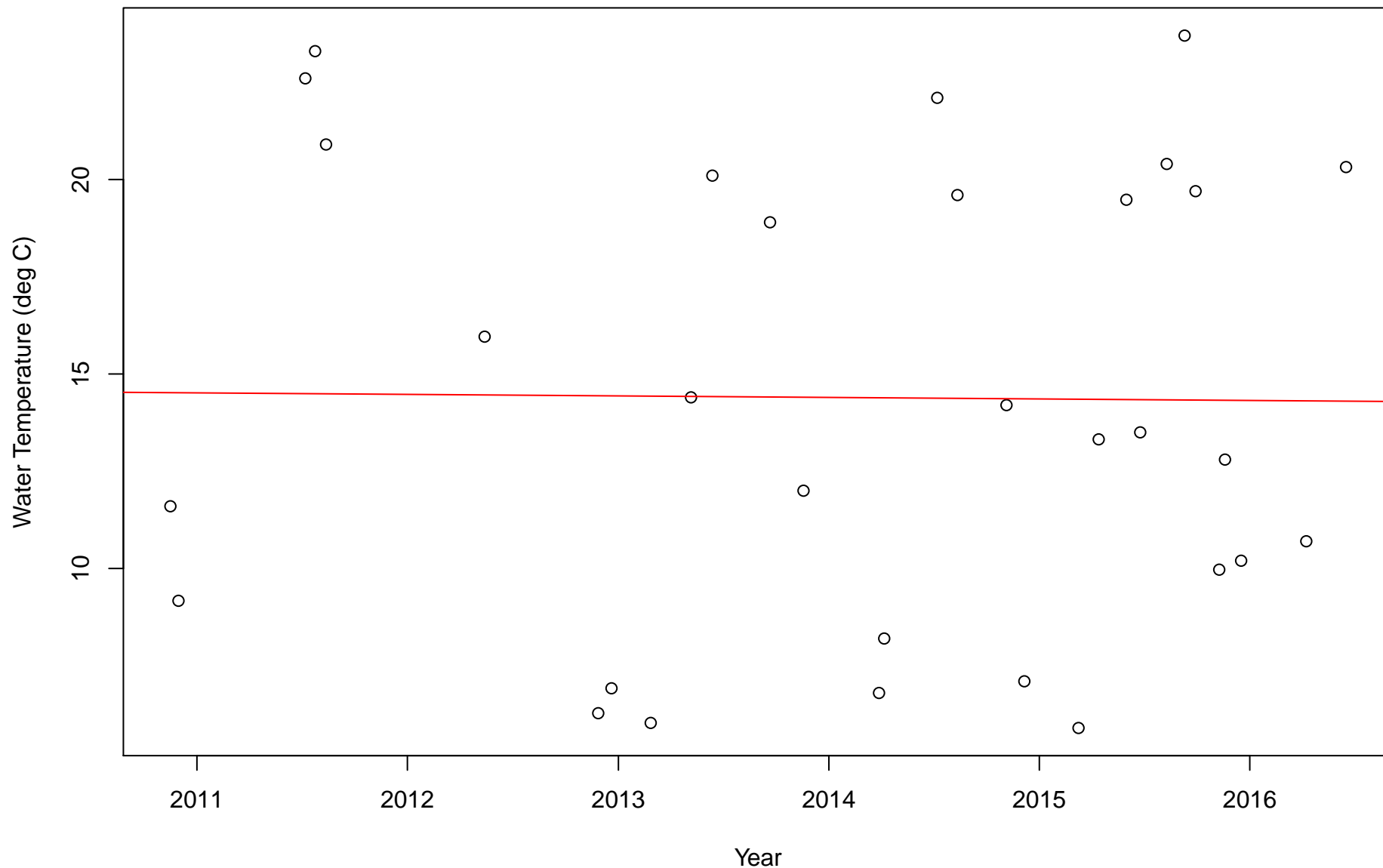


slope = -0.500995132402991 ; p-value = 0.117613178030702

FR99MSI000058

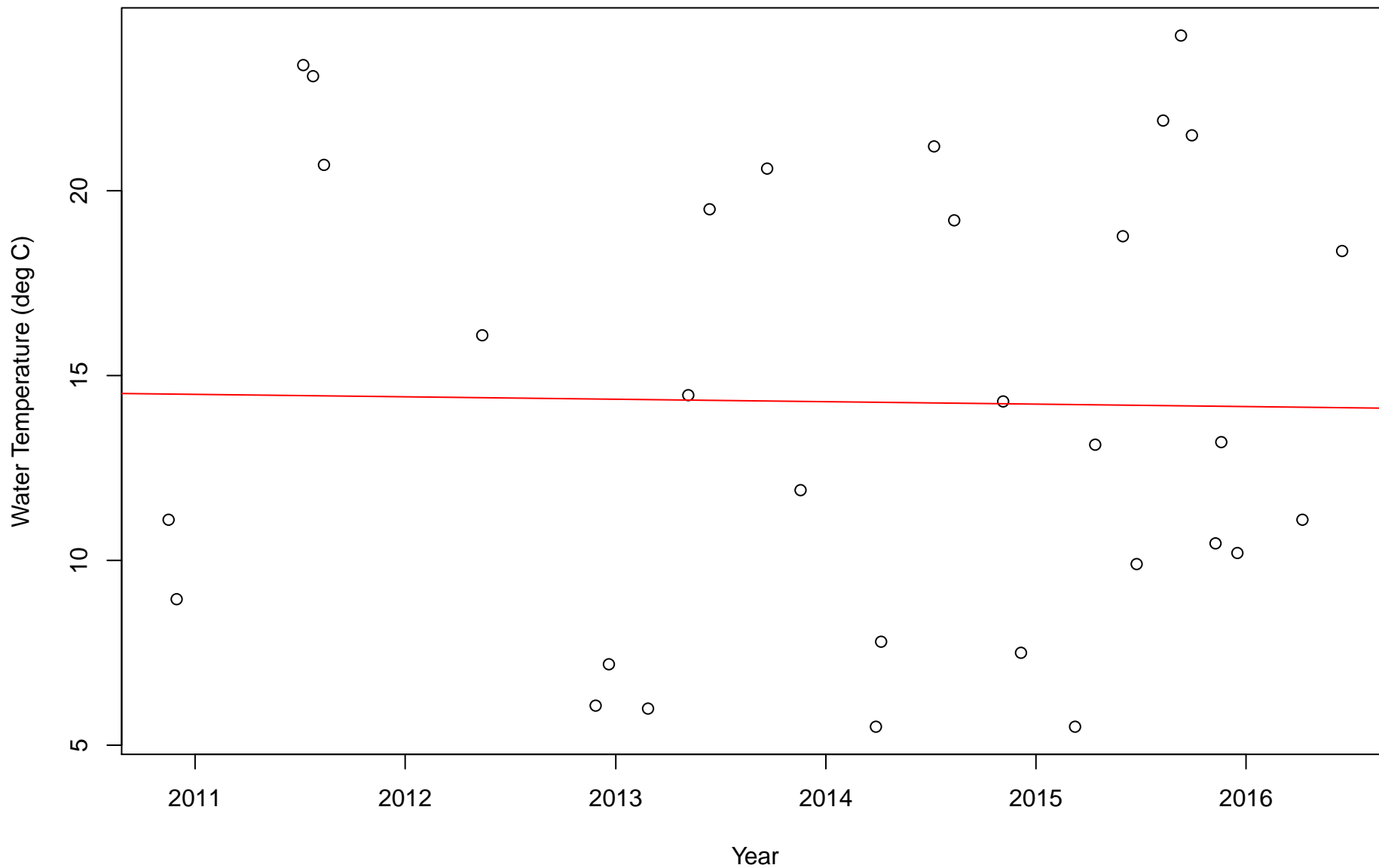


HA10MSI0WC002



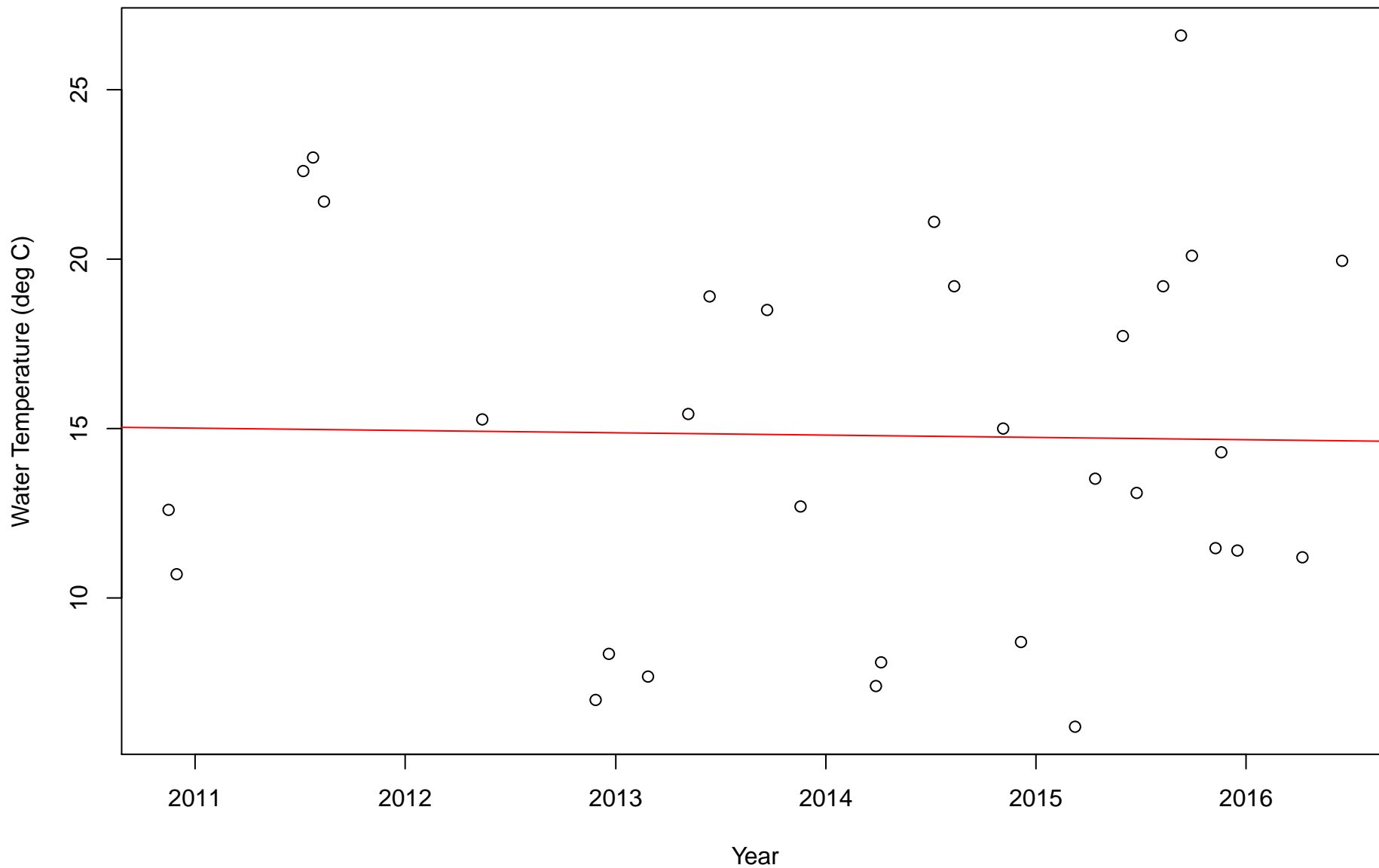
slope = -0.0390136827461473 ; p-value = 0.953313282252995

HA10MSI0WC003



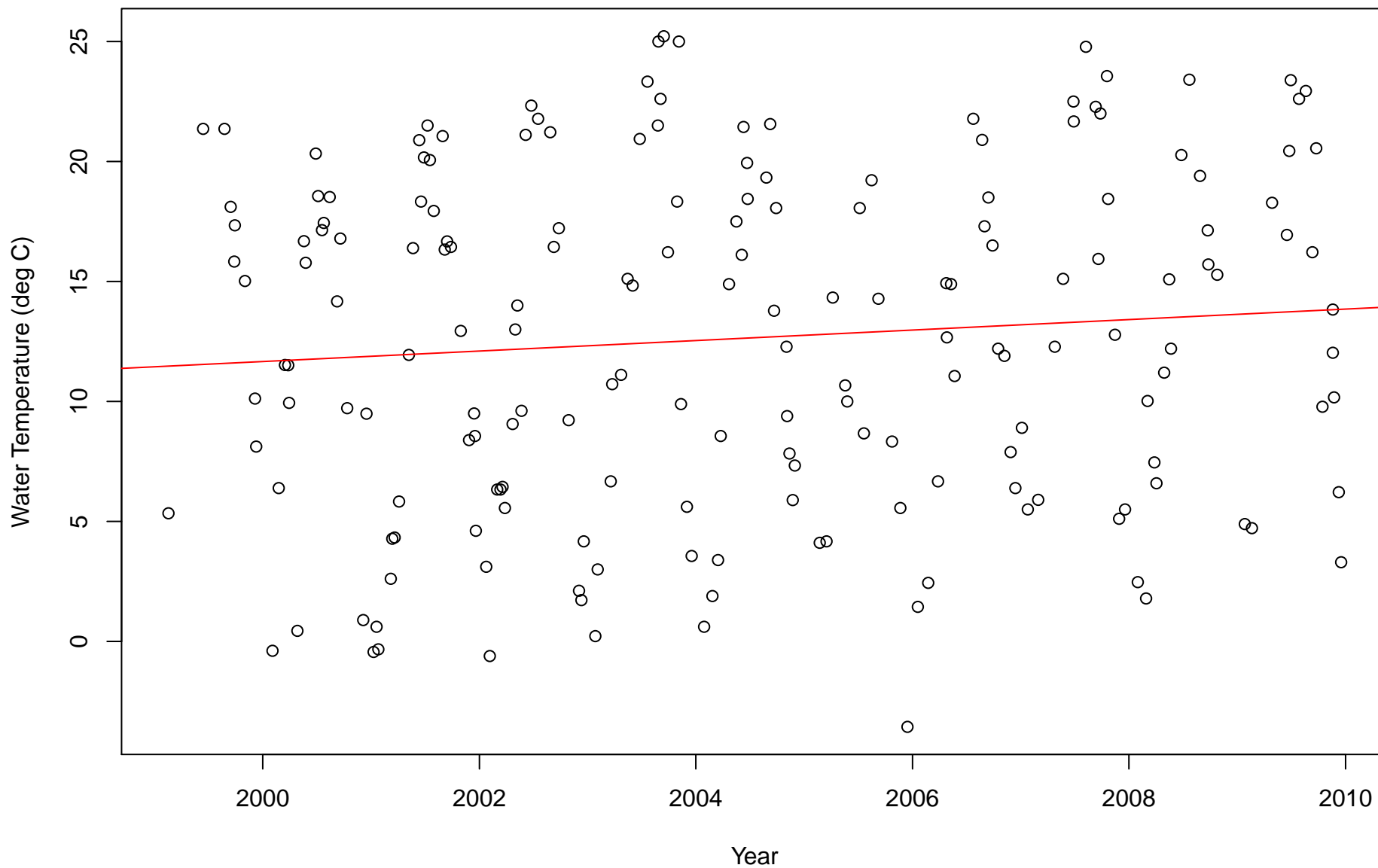
slope = -0.0660691967520322 ; p-value = 0.92365564087245

HA10MSI0WC004



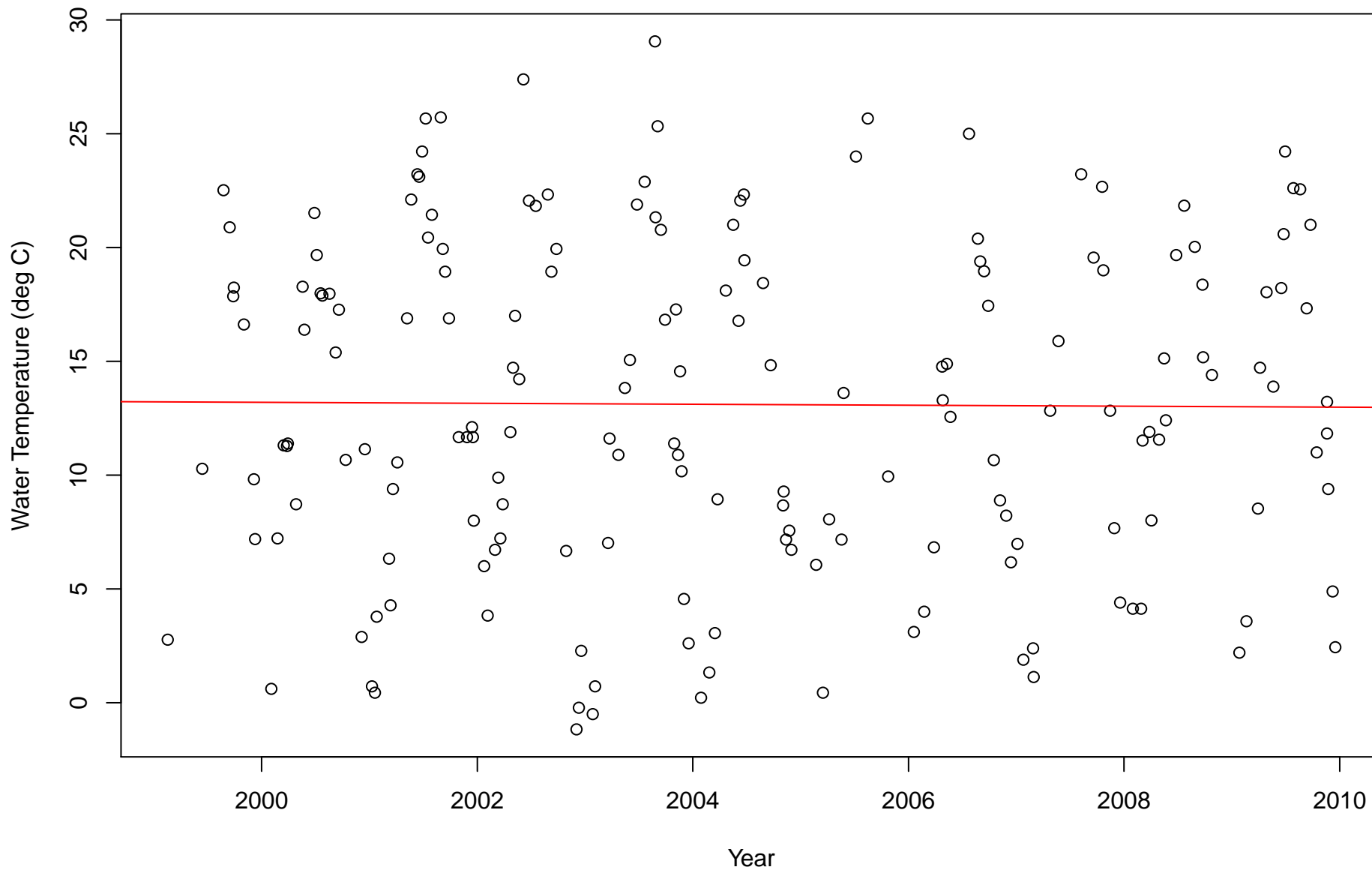
slope = -0.0682468015525866 ; p-value = 0.912711817687119

HA99MSI000001



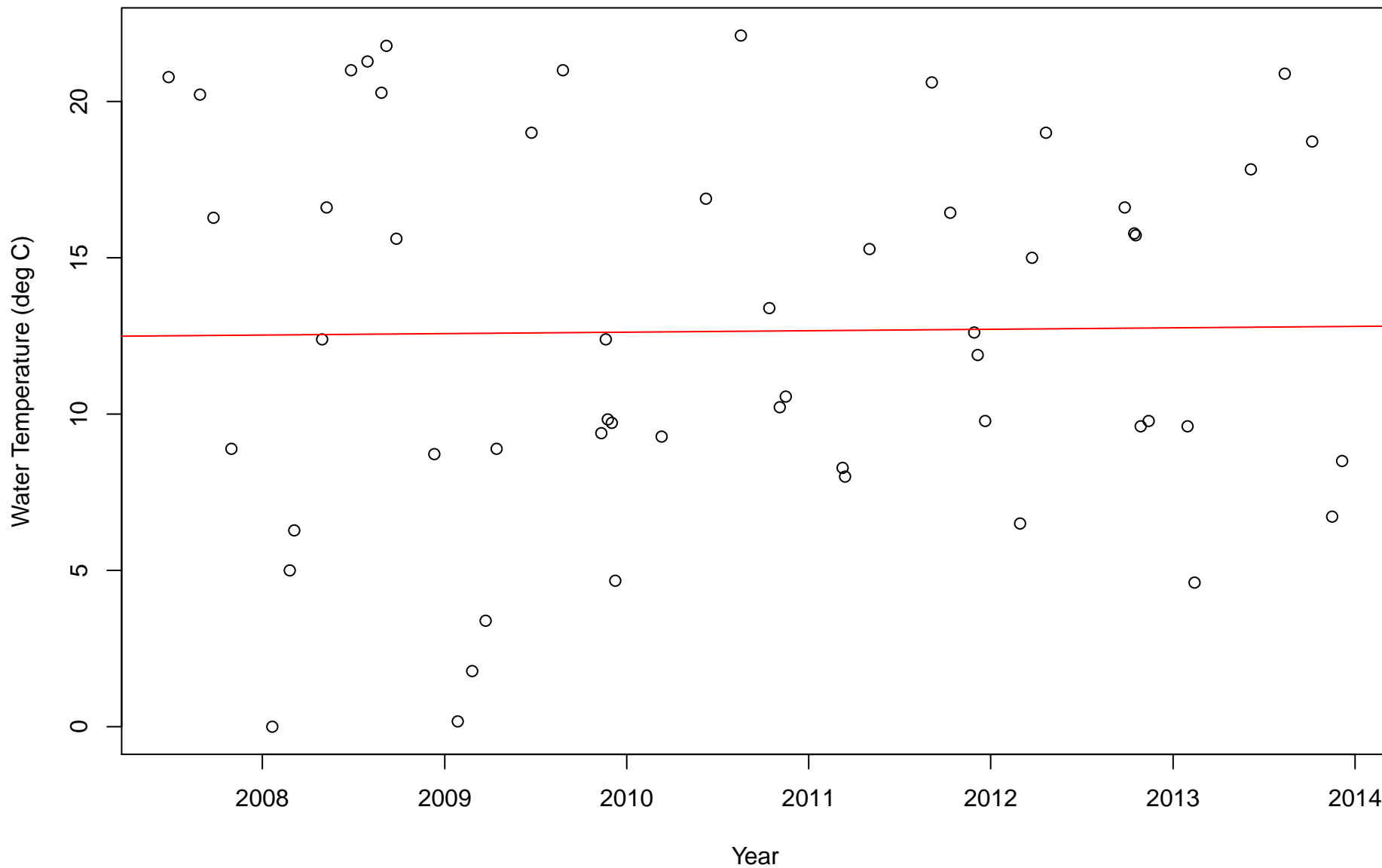
slope = 0.21838705608235; p-value = 0.202503736273662

HA99MSI000002



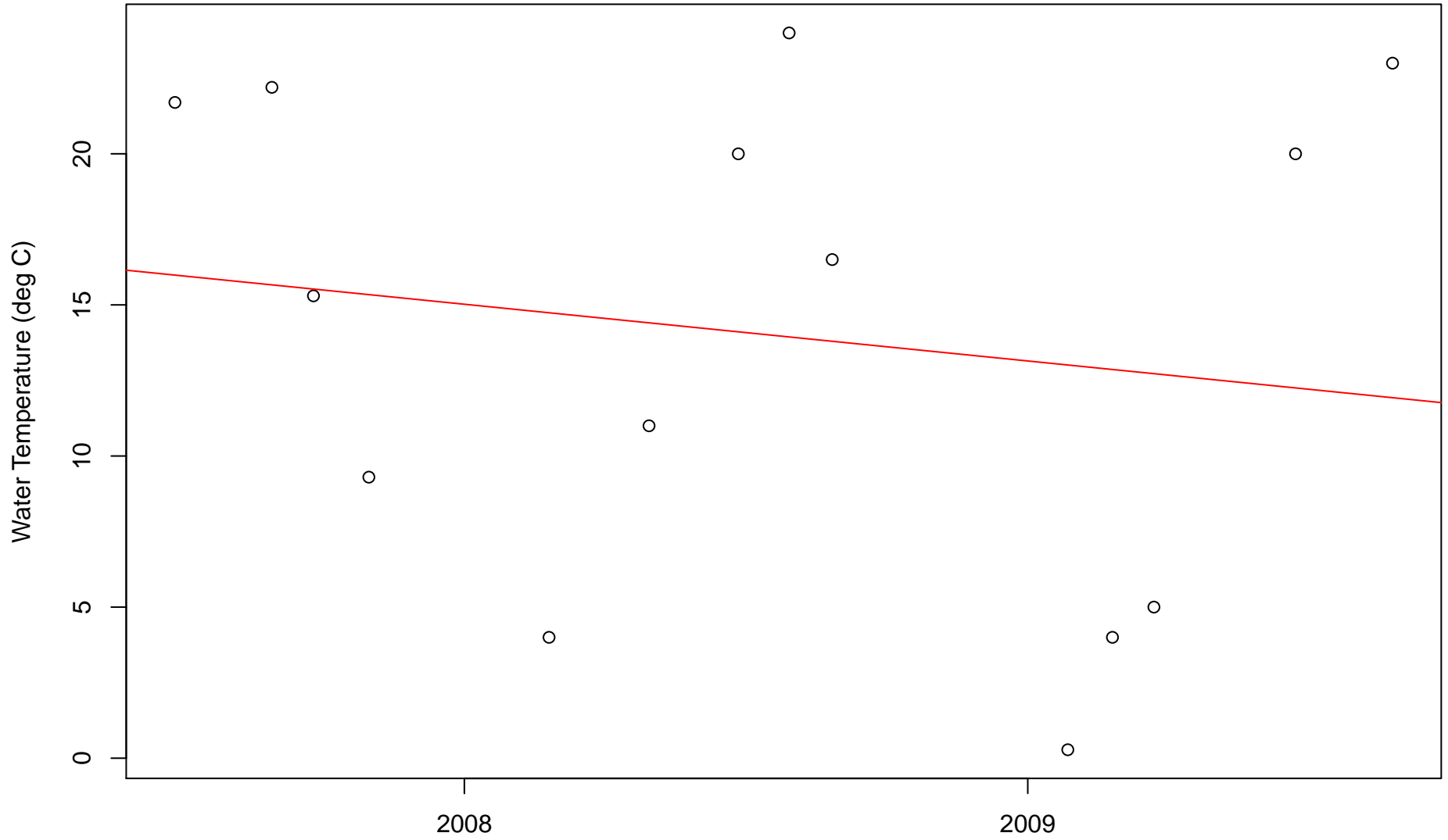
slope = -0.0212006483701264; p-value = 0.903678451545323

HO07MSI000035



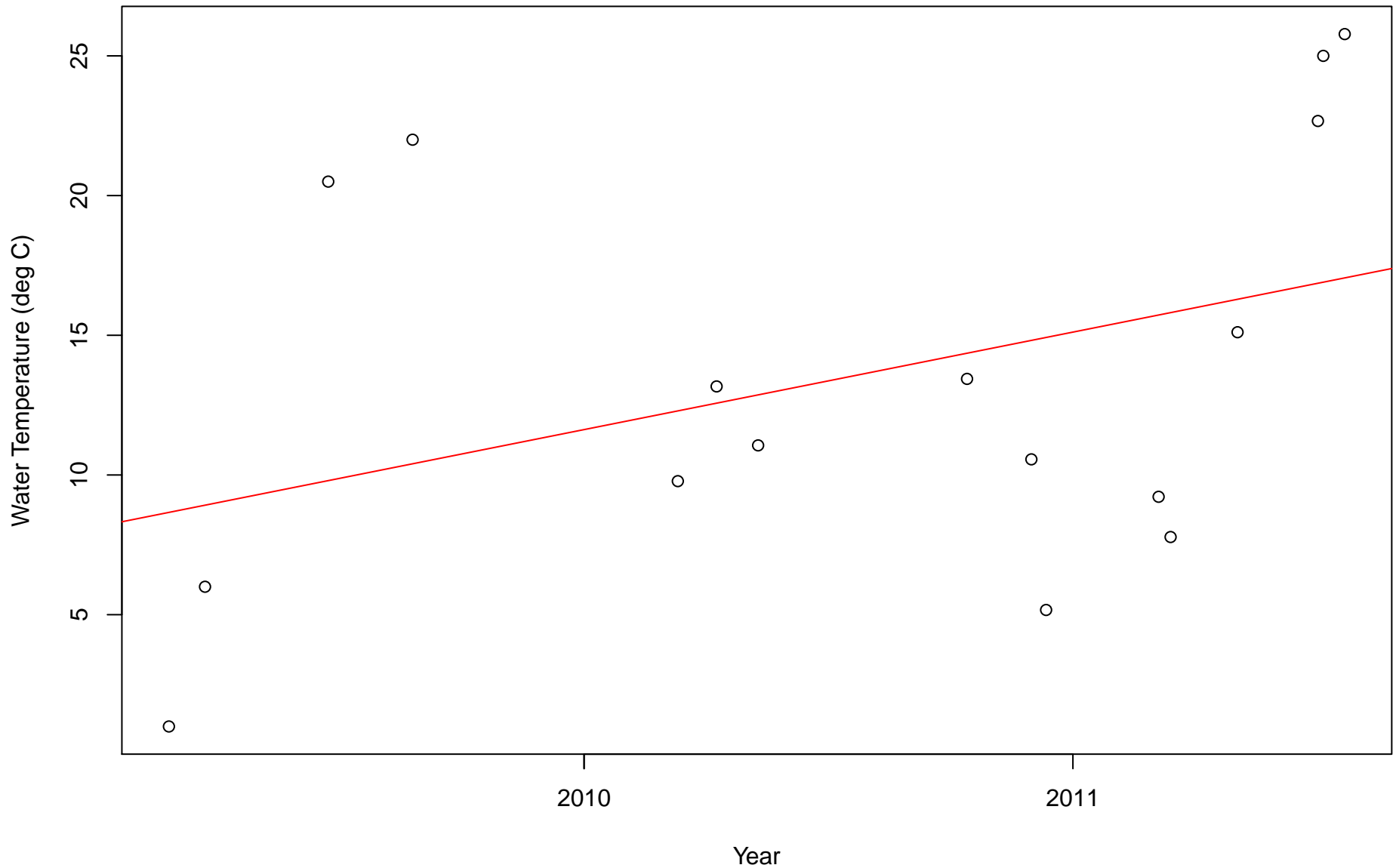
slope = 0.0461781811690613; p-value = 0.914806917107471

HO07MSI0000CL



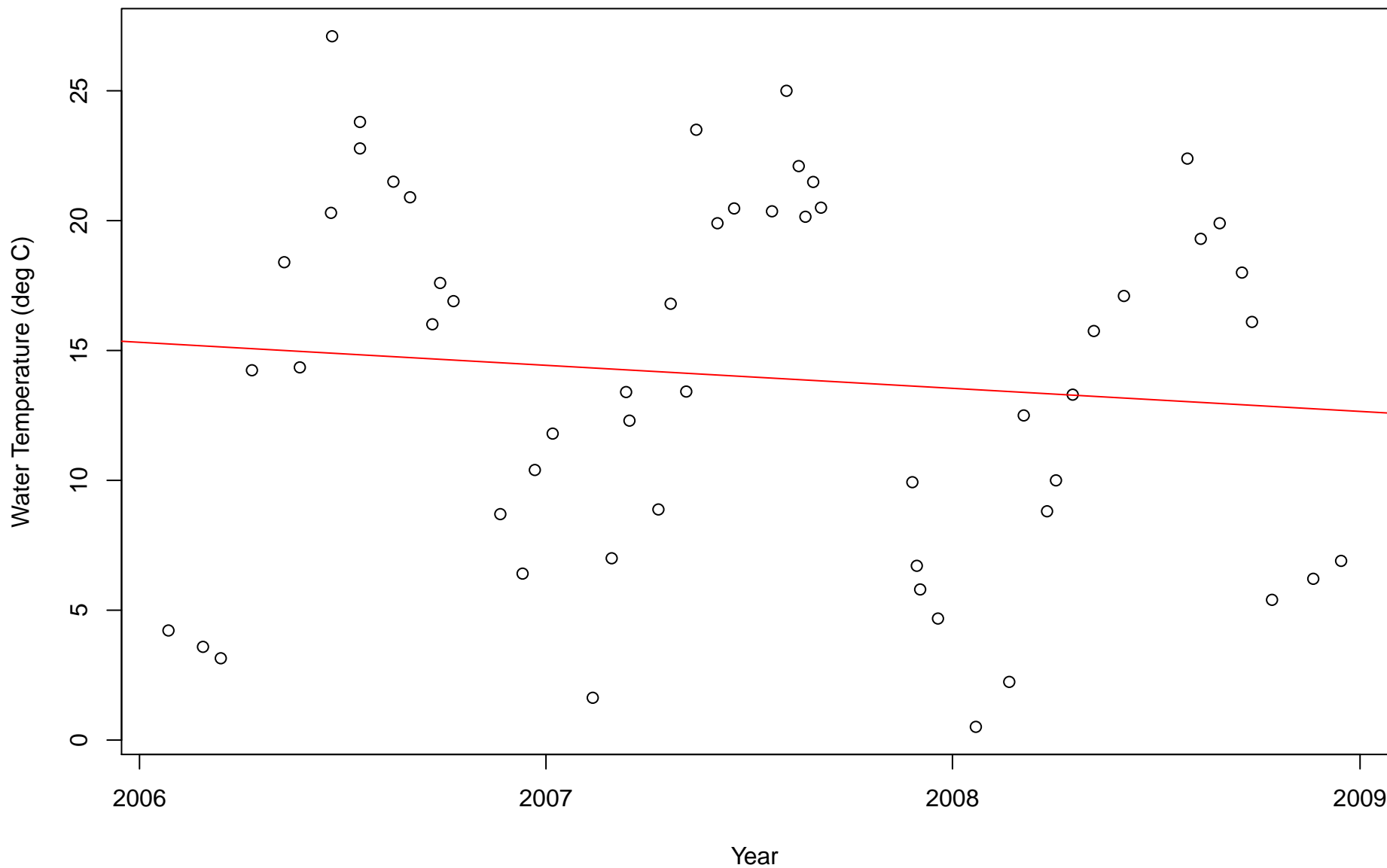
Year
slope = -1.87206437402012 ; p-value = 0.583888694163284

HO09MSI000036



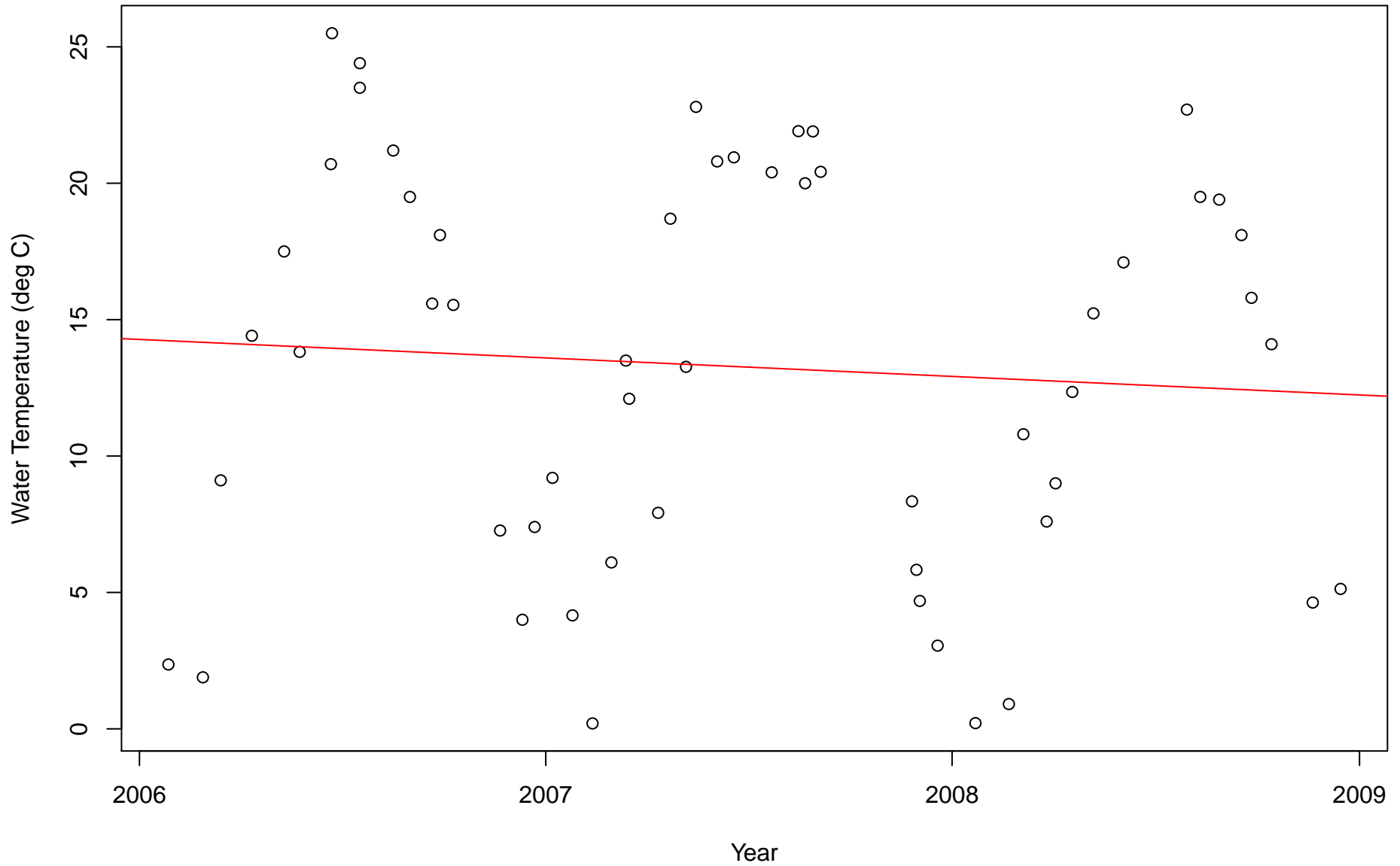
slope = 3.48872064500969; p-value = 0.137758854822671

MO02MSI000104



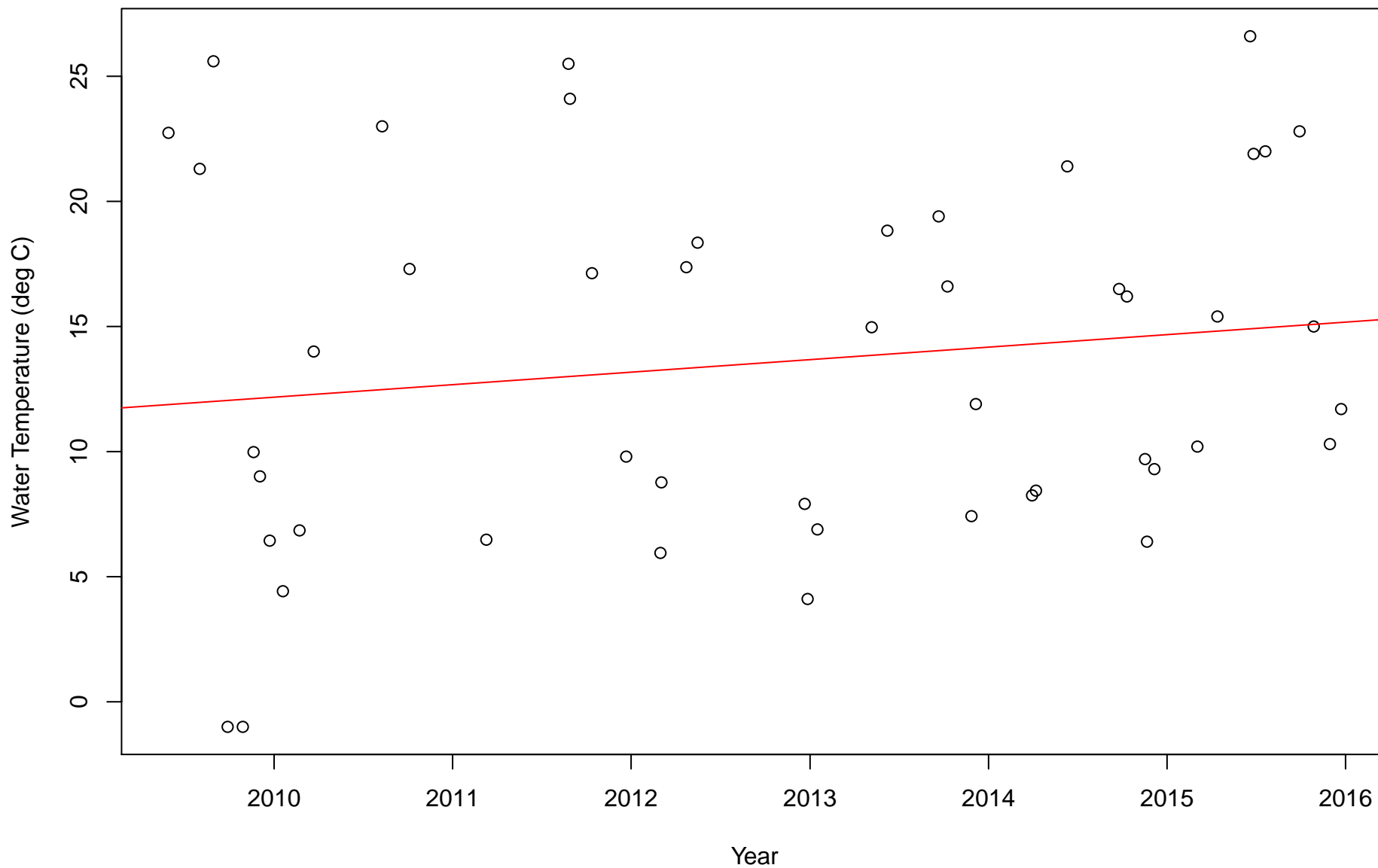
slope = -0.88659422444731 ; p-value = 0.453407550233956

MO02MSI000310



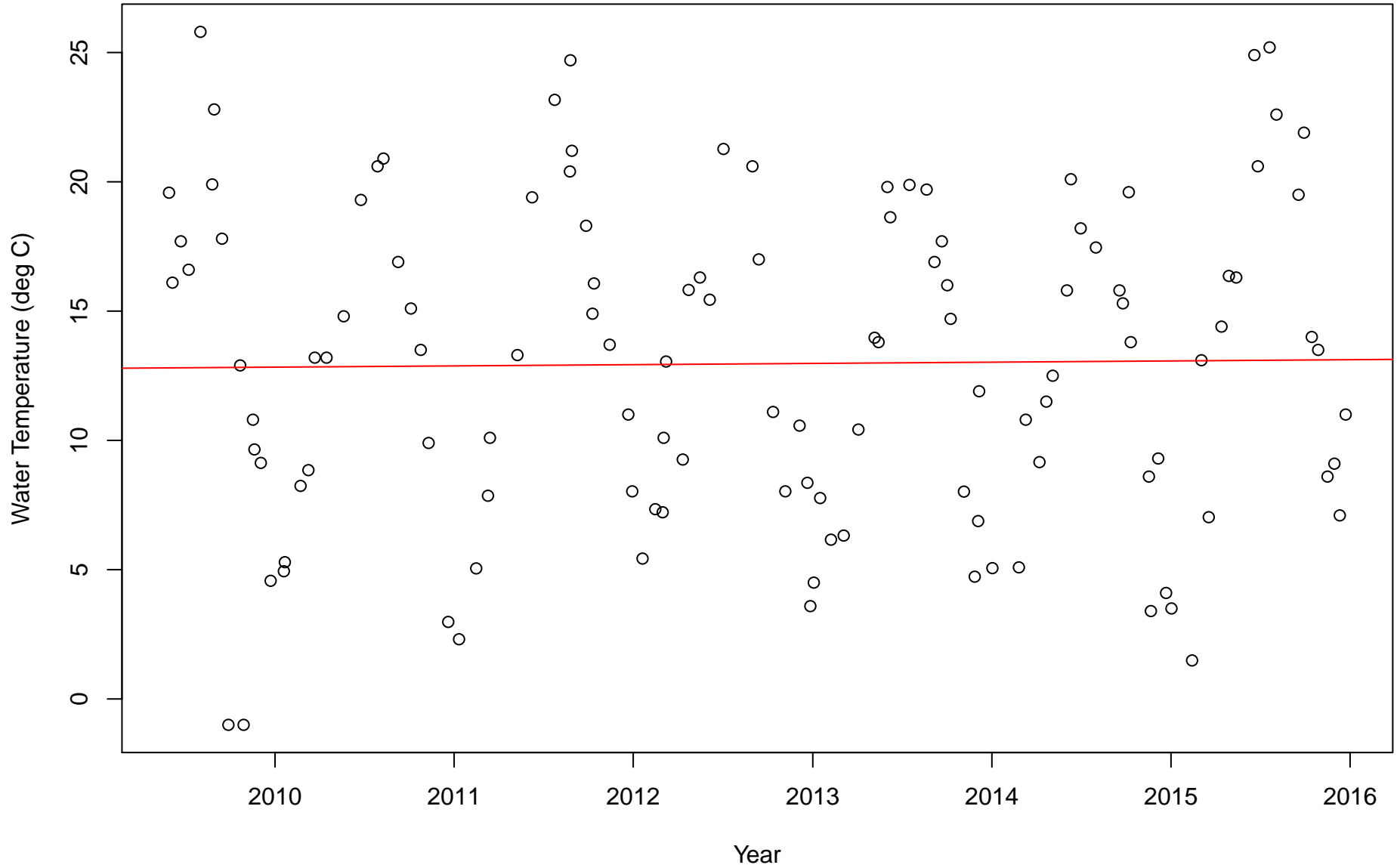
slope = -0.677573727498551 ; p-value = 0.581437616831503

MO09MSI000001

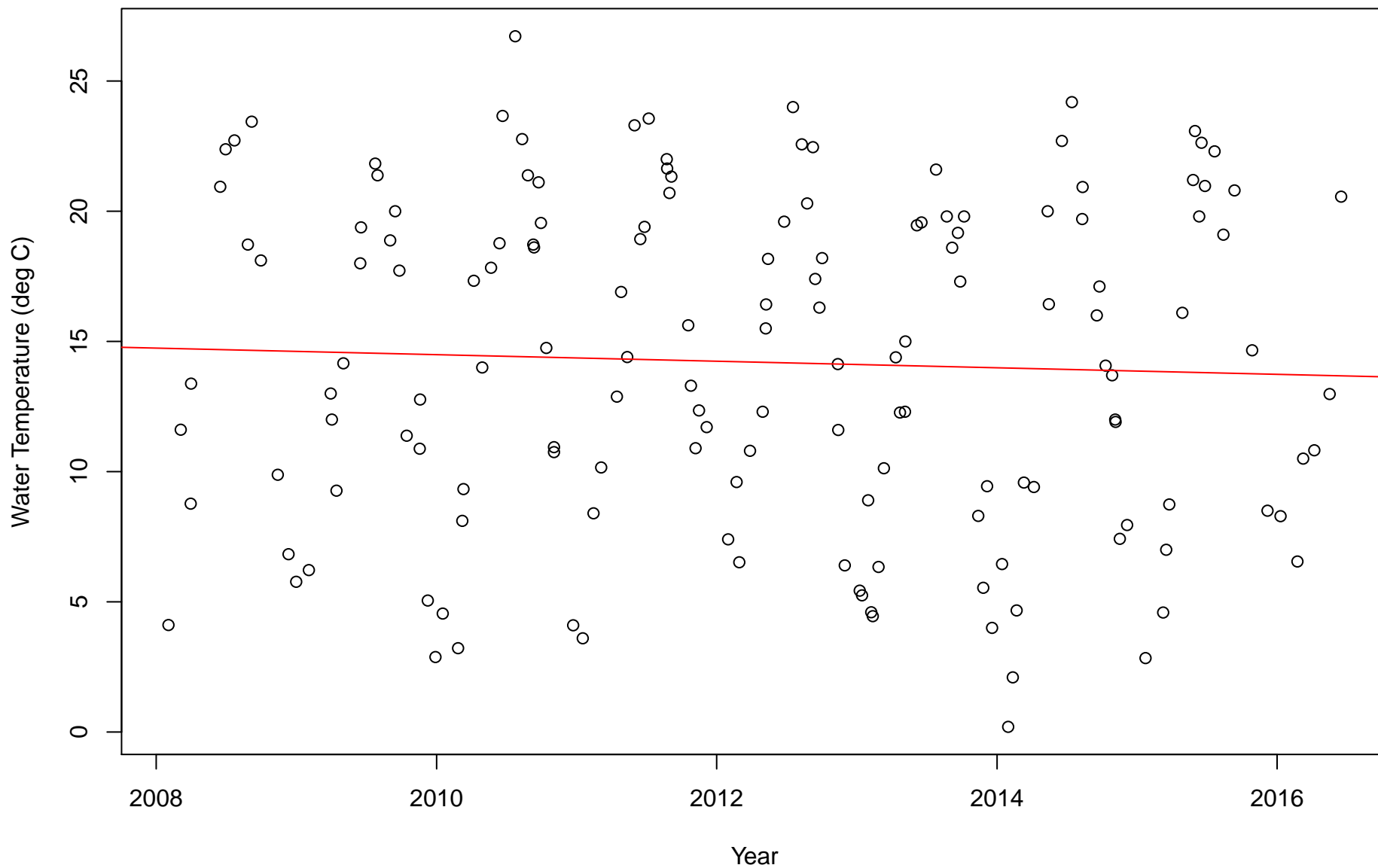


slope = 0.499755488841036; p-value = 0.307532539036883

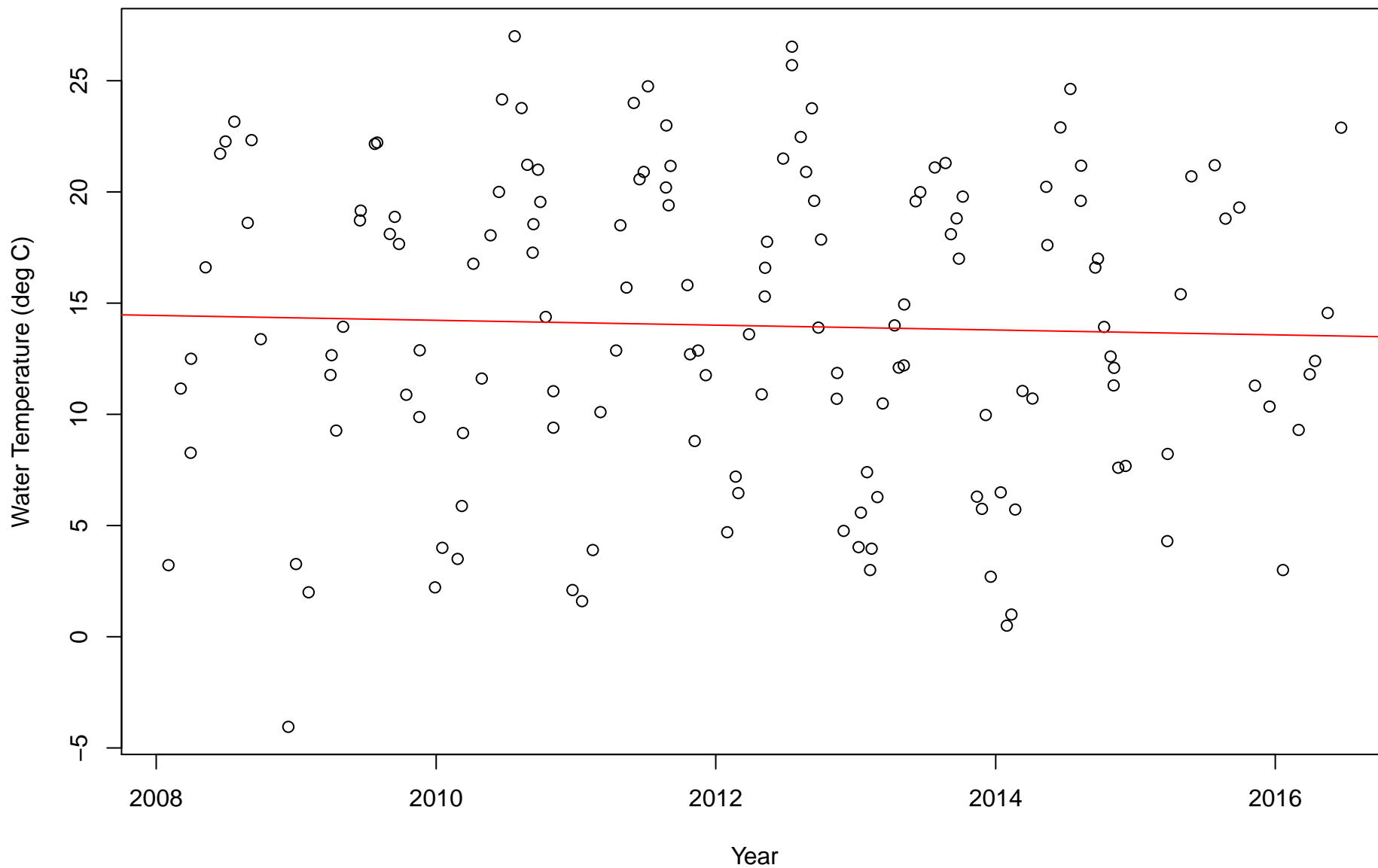
MO09MSI000002



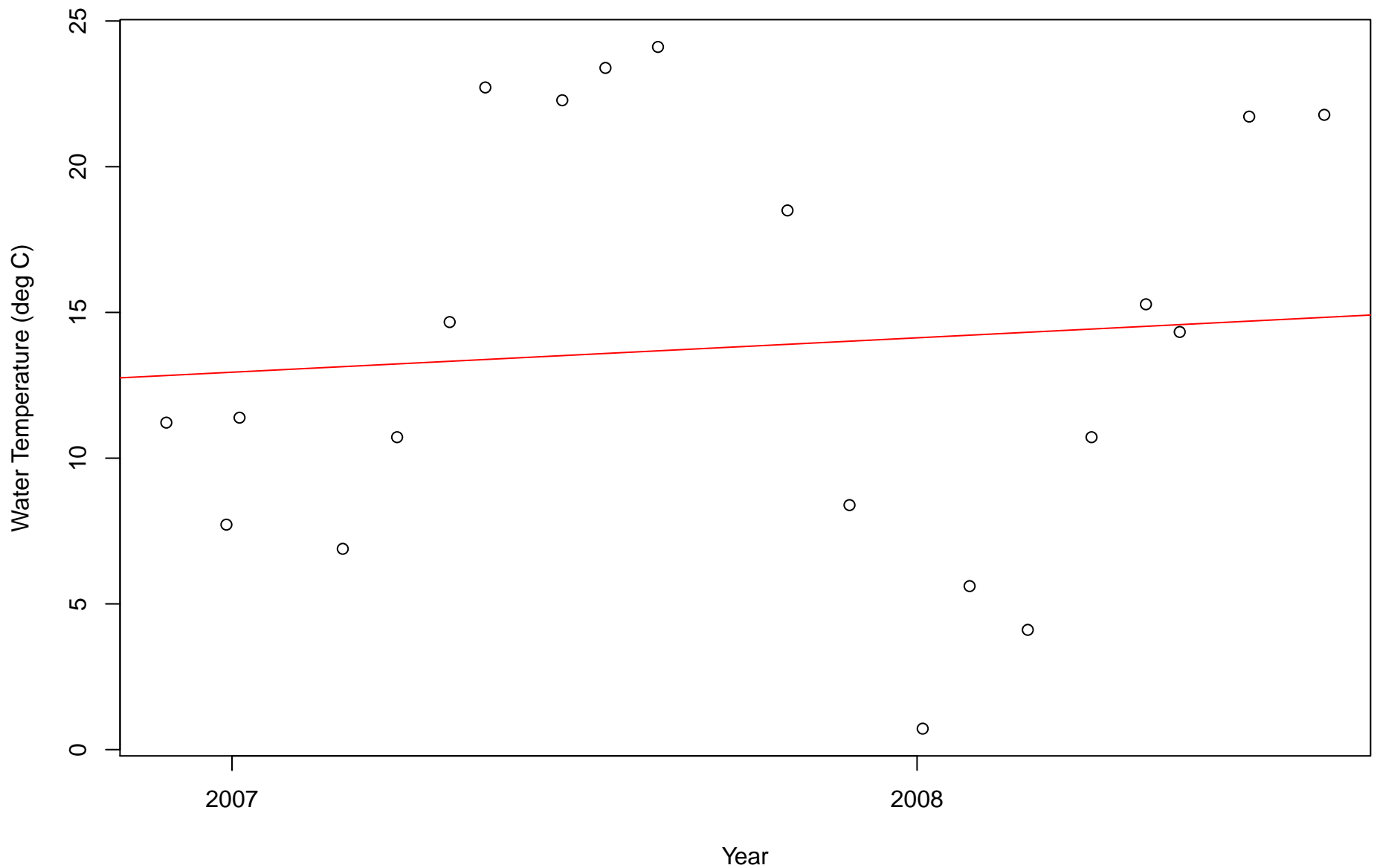
PG15MSI000012



PG15MSI000013

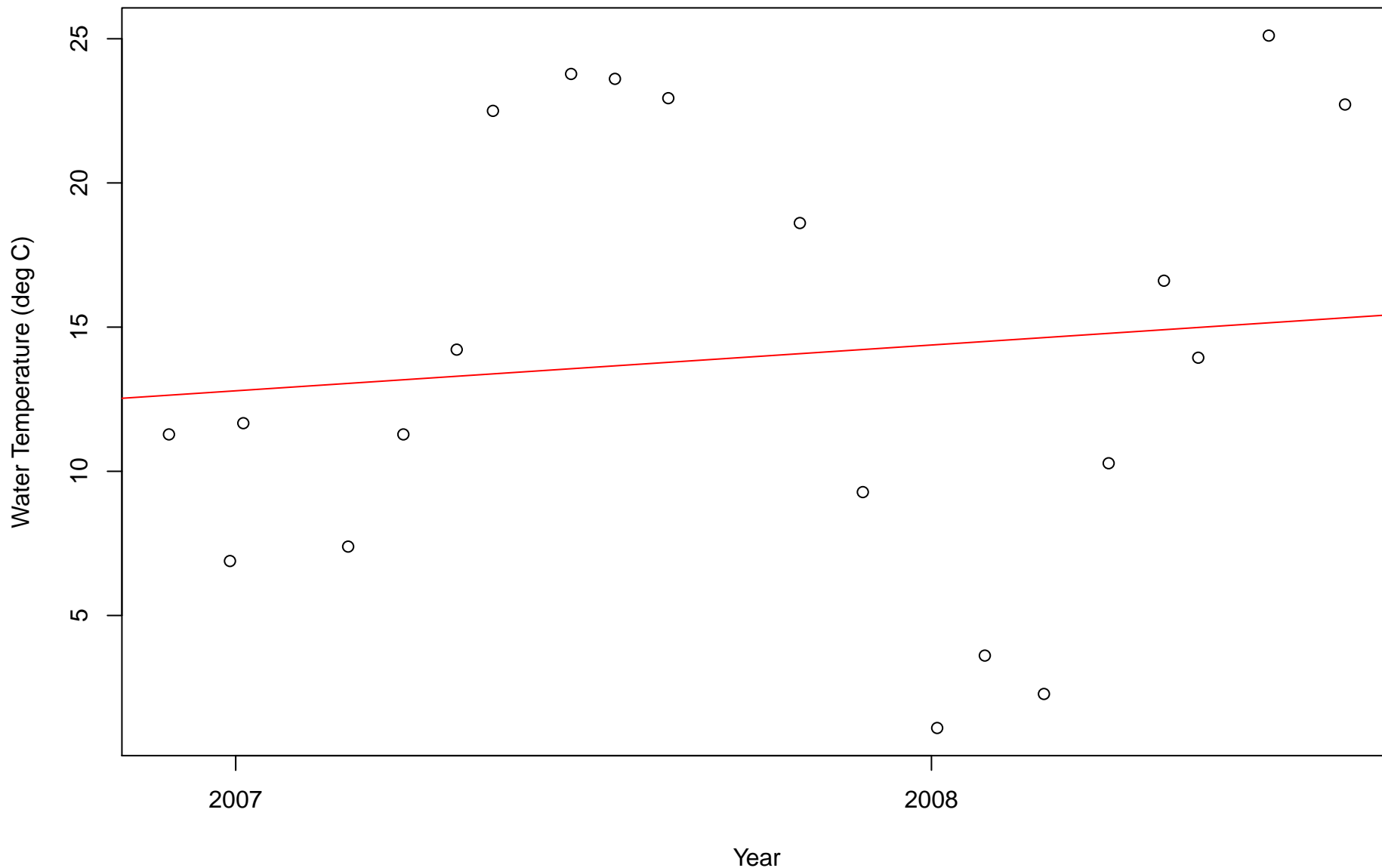


SHA06MSI00LD01



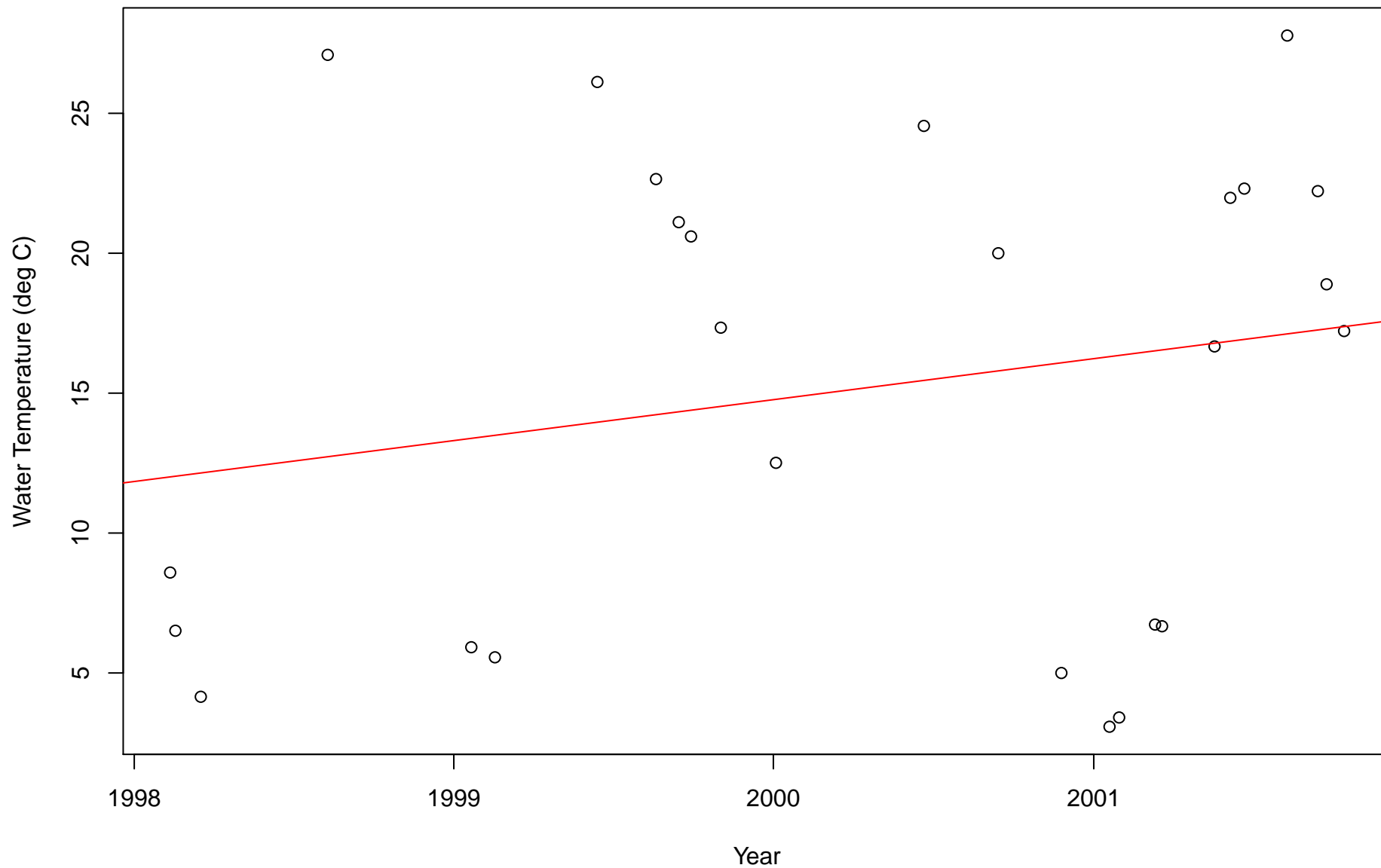
slope = 1.18058381681397; p-value = 0.710208257959965

SHA06MSI00LD02



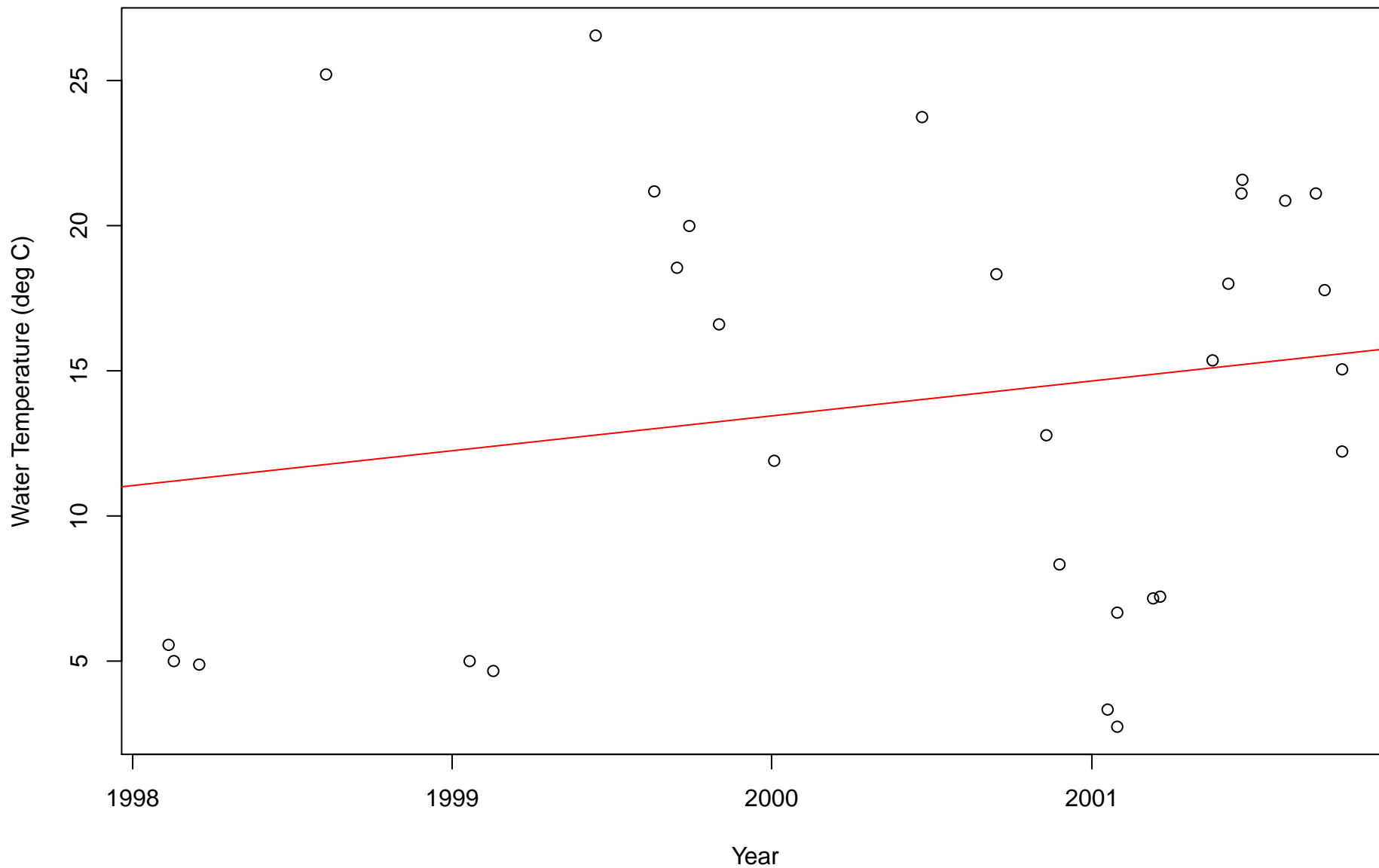
slope = 1.5879675862064; p-value = 0.641422038612044

SHA98MSI00PS01



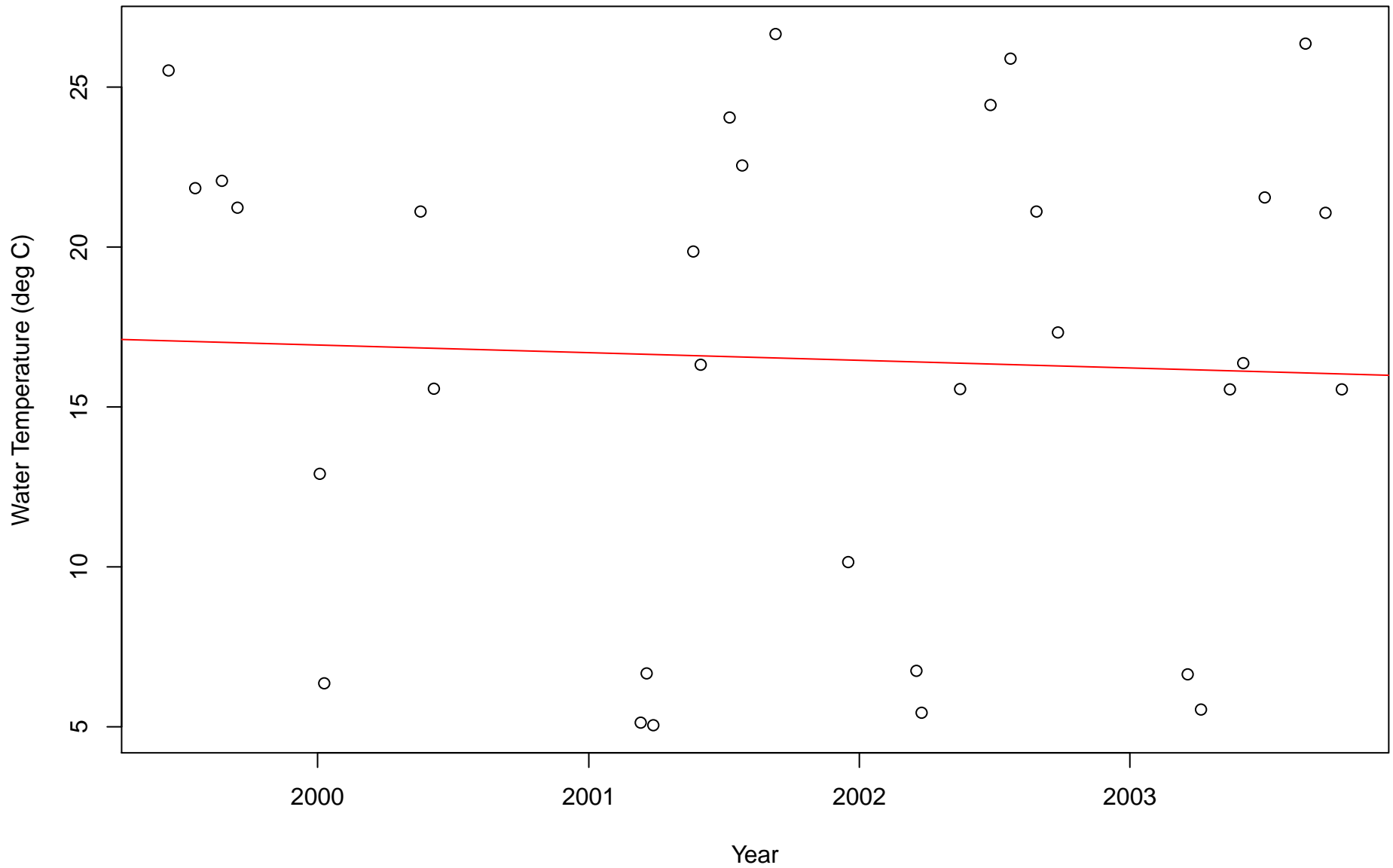
slope = 1.46193678275038; p-value = 0.30196042641353

SHA98MSI00PS02



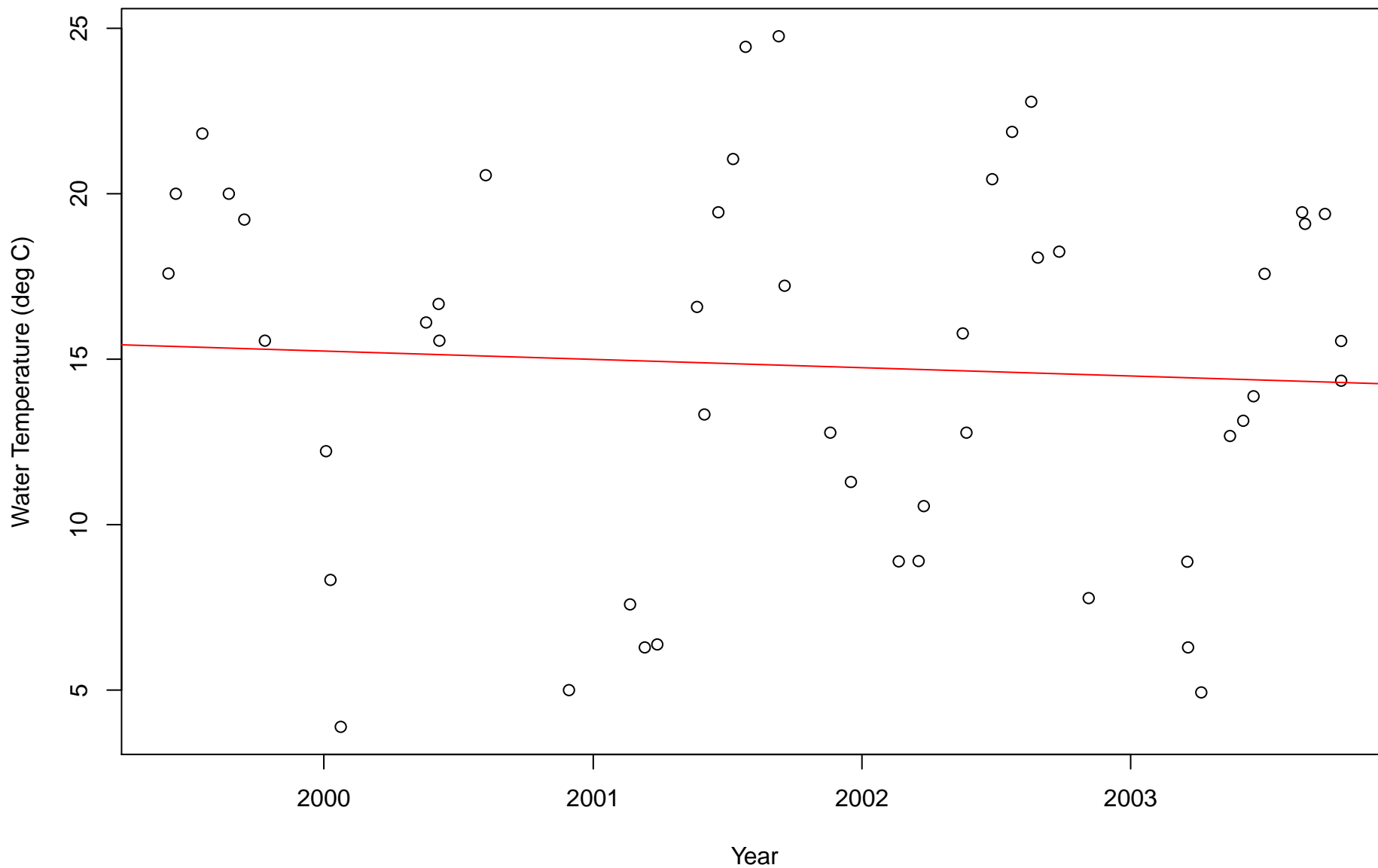
slope = 1.19971949678018; p-value = 0.306411564086809

SHA99MSI00DV01



slope = -0.238934021583546; p-value = 0.808308242828329

SHA99MSI00DV02



slope = -0.25086847783932 ; p-value = 0.676127439037929