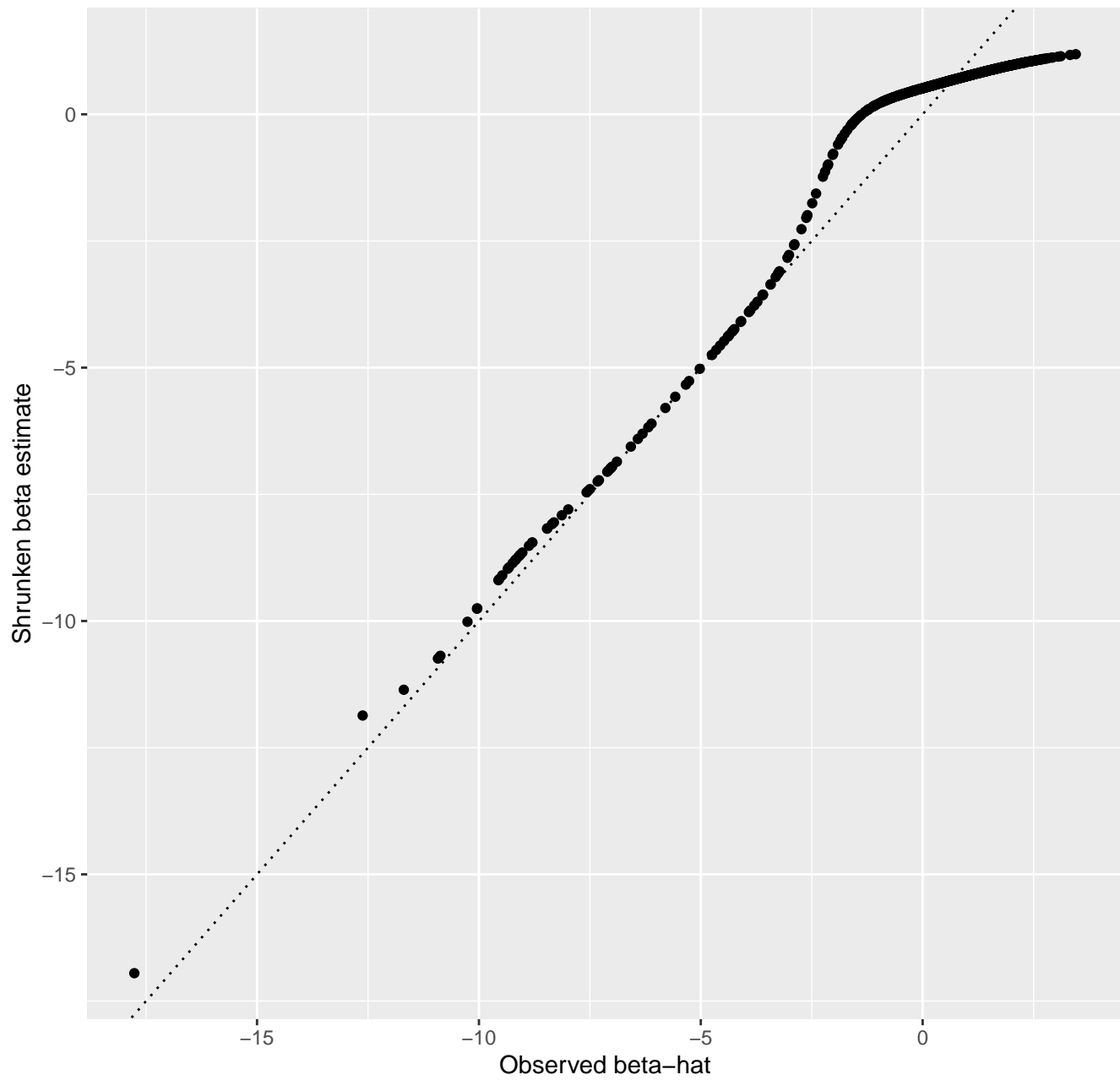


HNF1B\_(6928) negative



PAX8\_(7849) negative

Shrunken beta estimate

0

-5

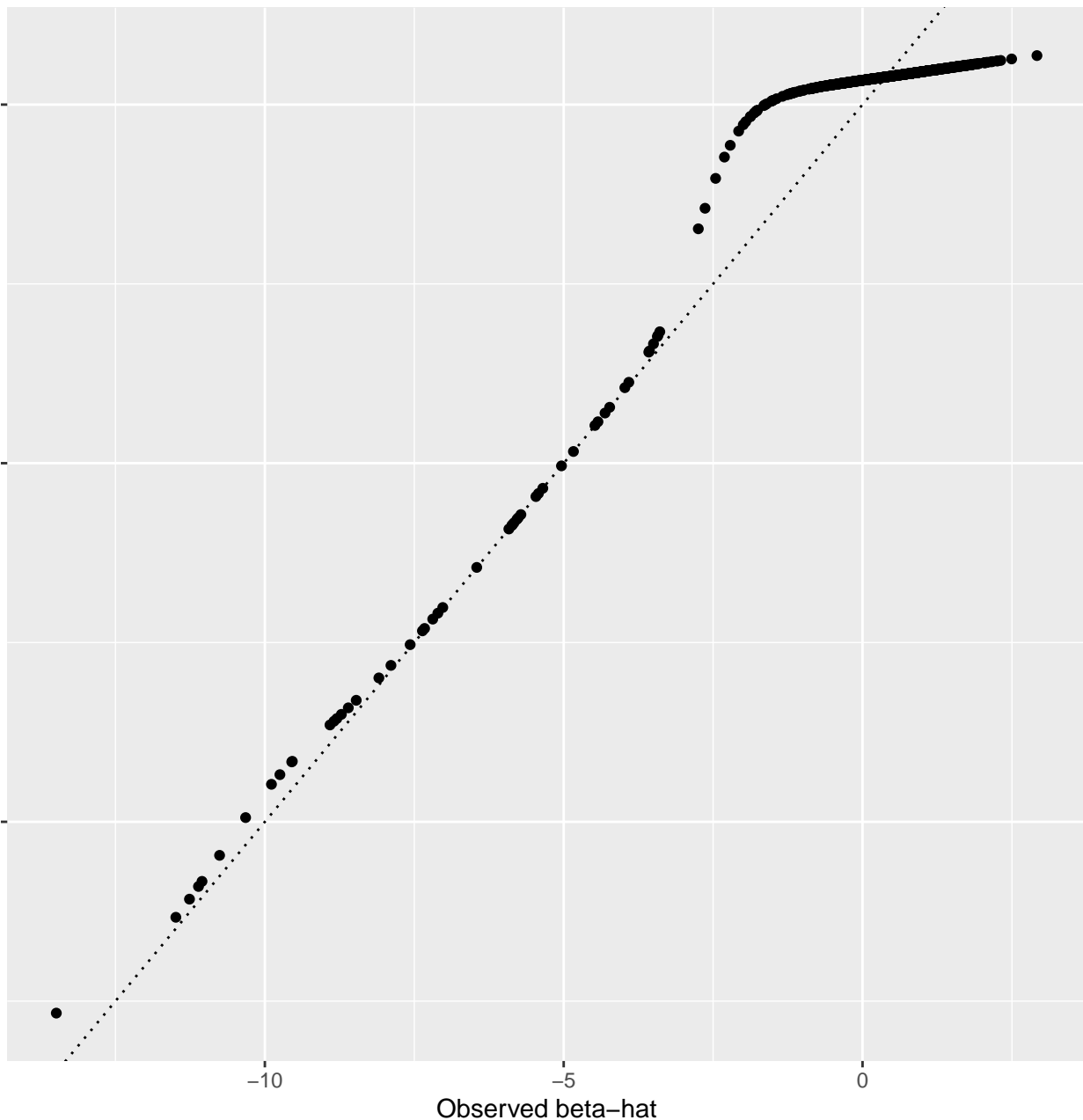
-10

-10

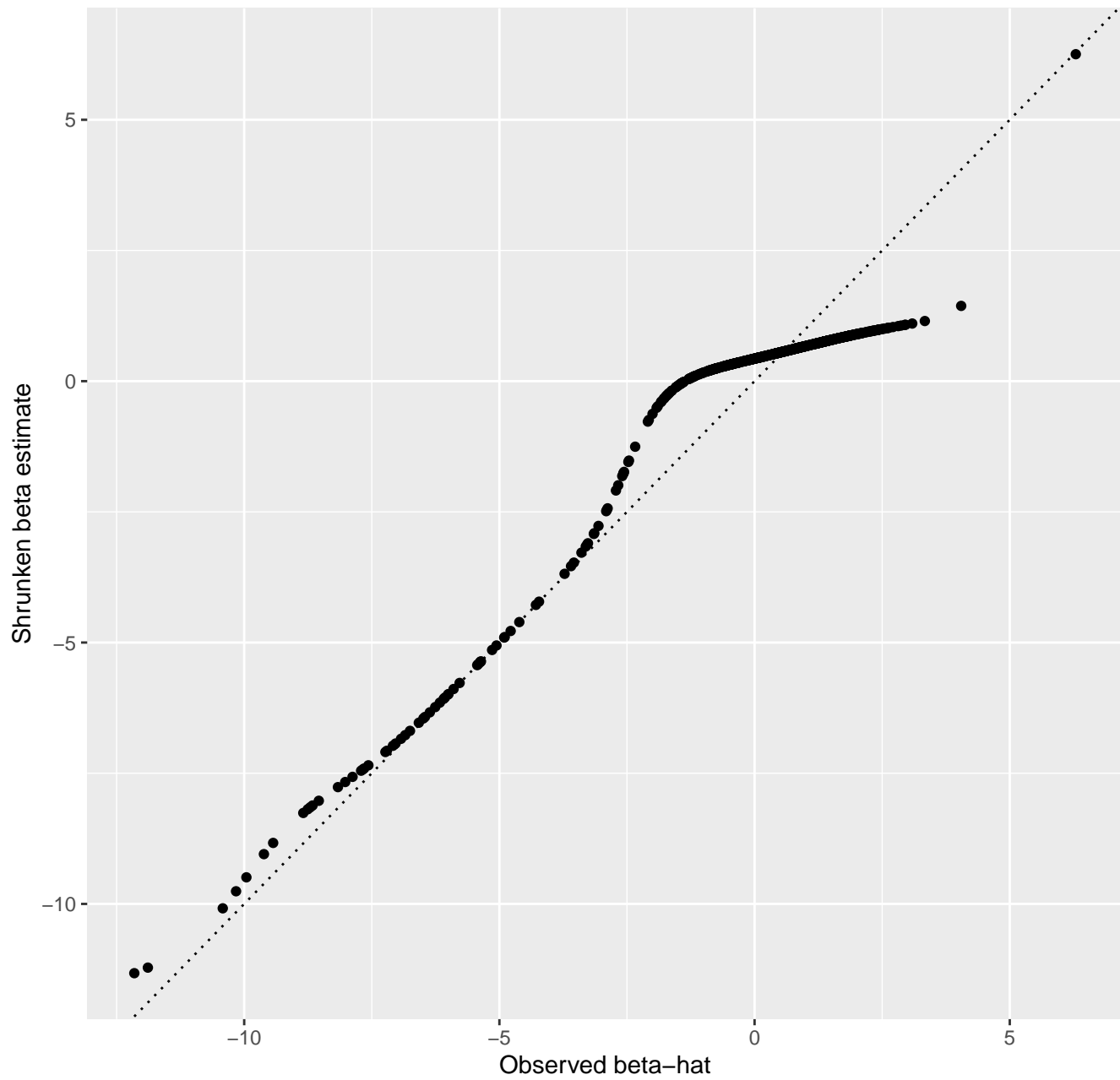
-5

0

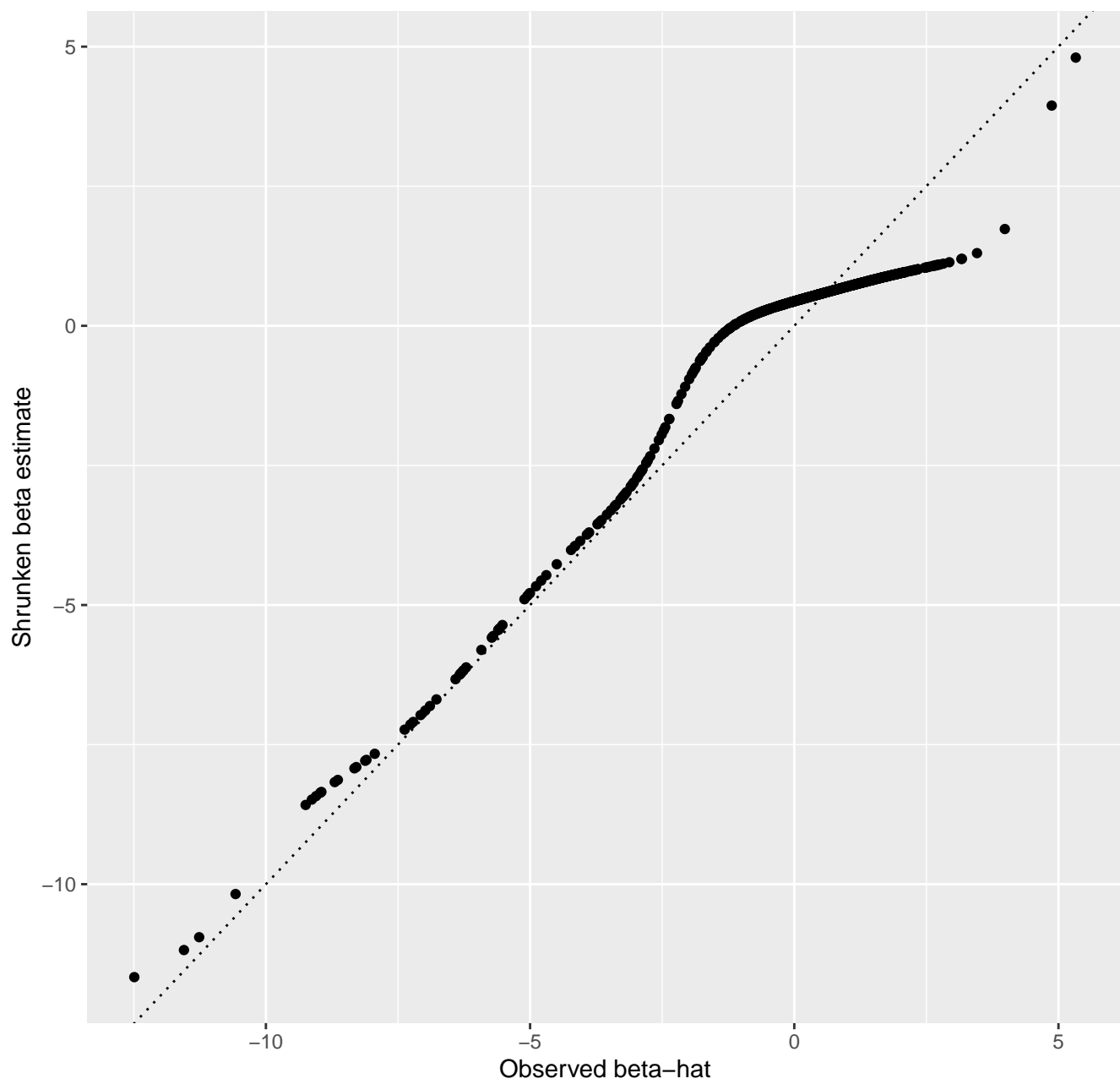
Observed beta-hat



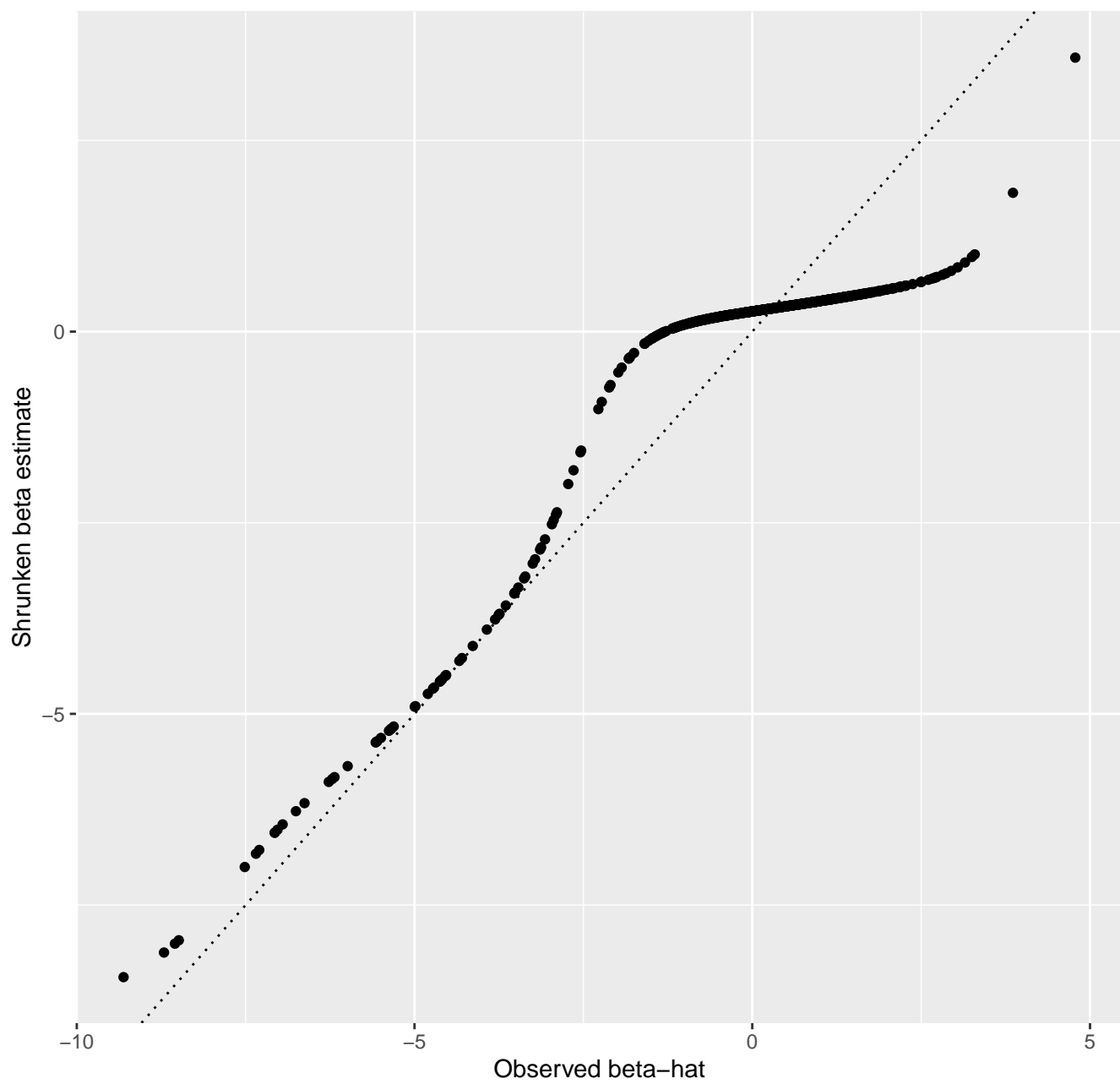
BRAF\_(673) negative



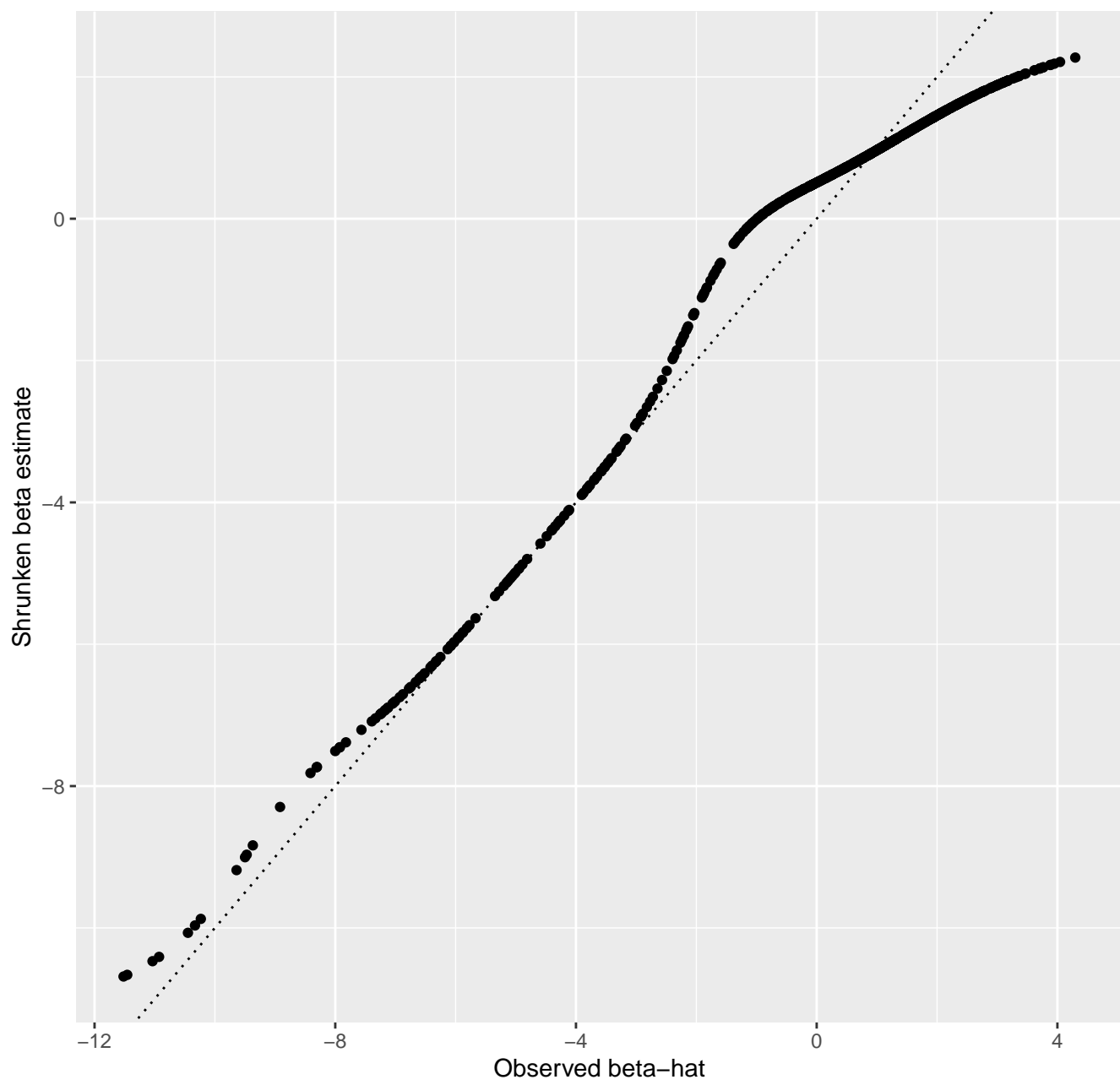
CTNNB1\_(1499) negative



TCF7L2\_(6934) negative



KRAS\_(3845) negative



FGFR1\_(2260) negative

Shrunken beta estimate

5

0

-5

-10

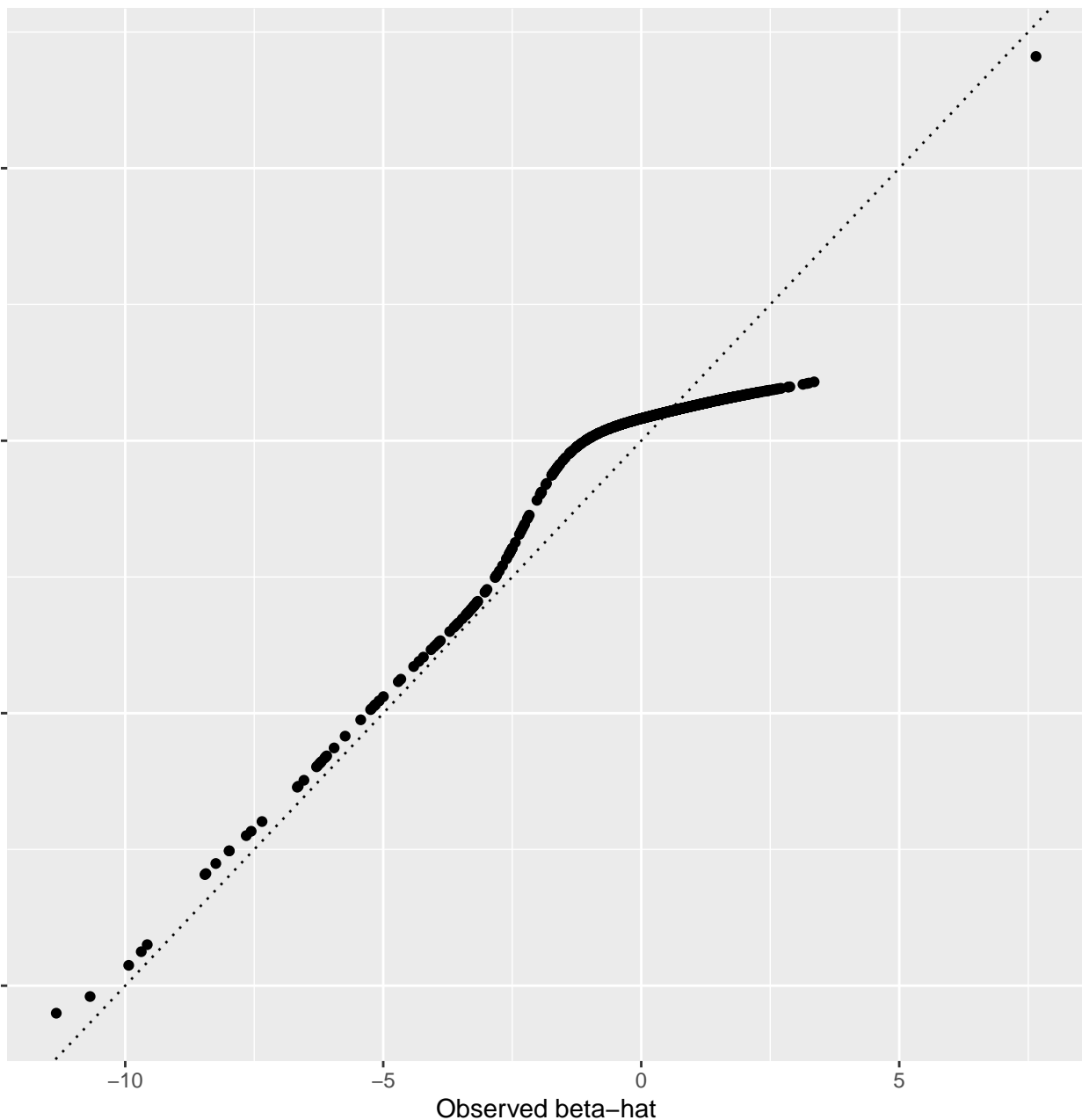
Observed beta-hat

-10

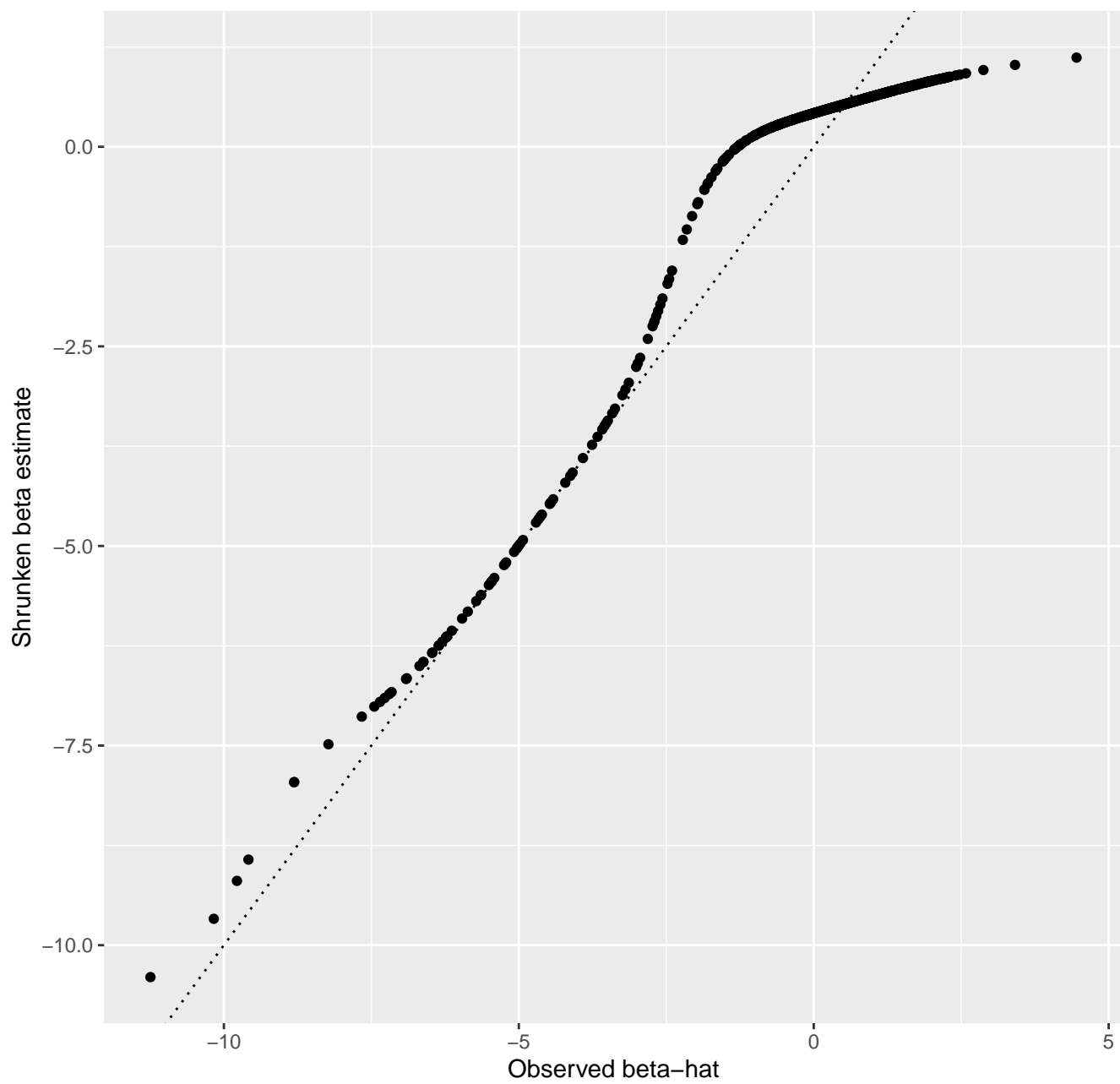
-5

0

5



TP63\_(8626) negative





CCND2\_(894) negative

Shrunken beta estimate

-12

-8

-4

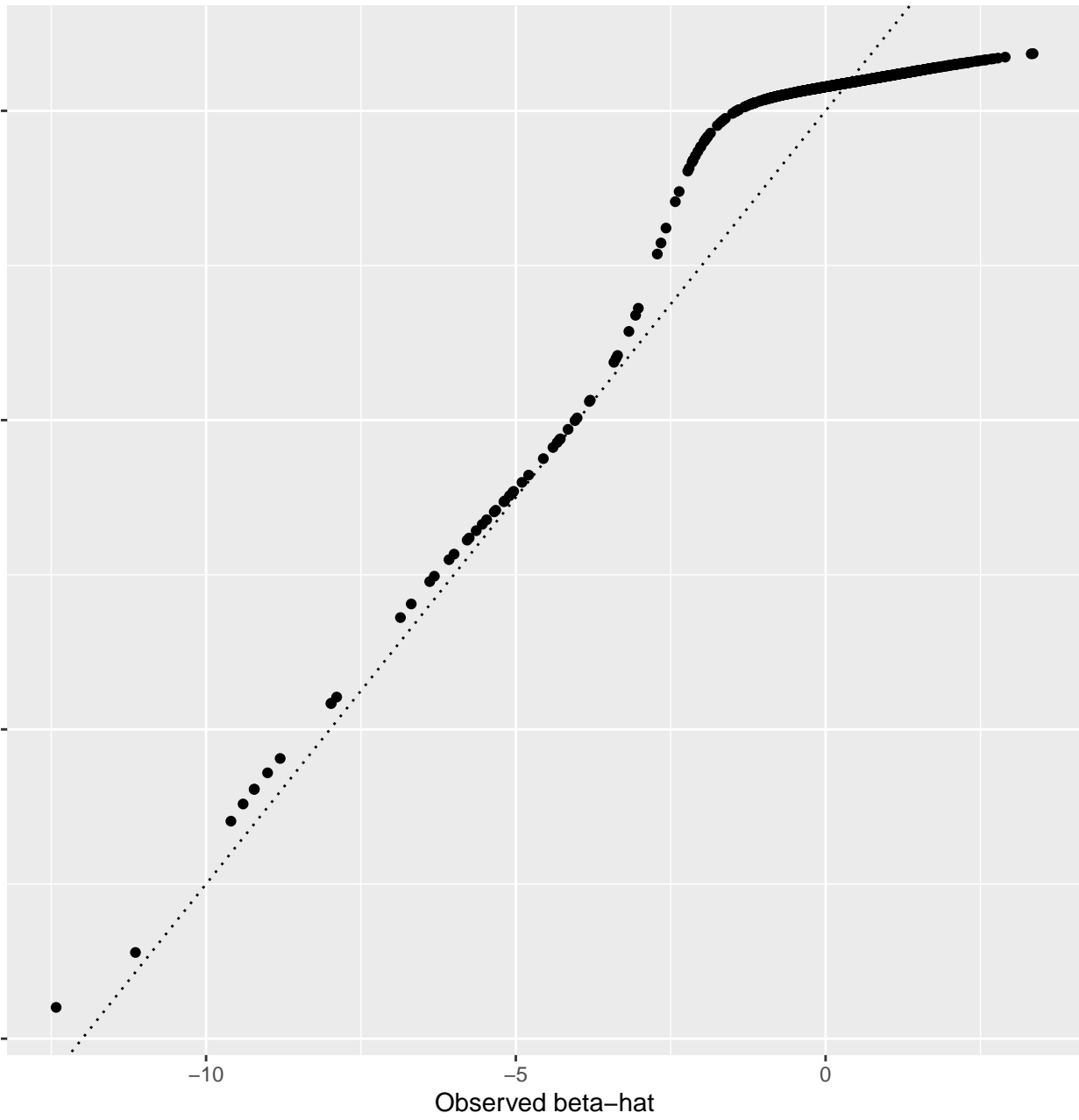
0

-10

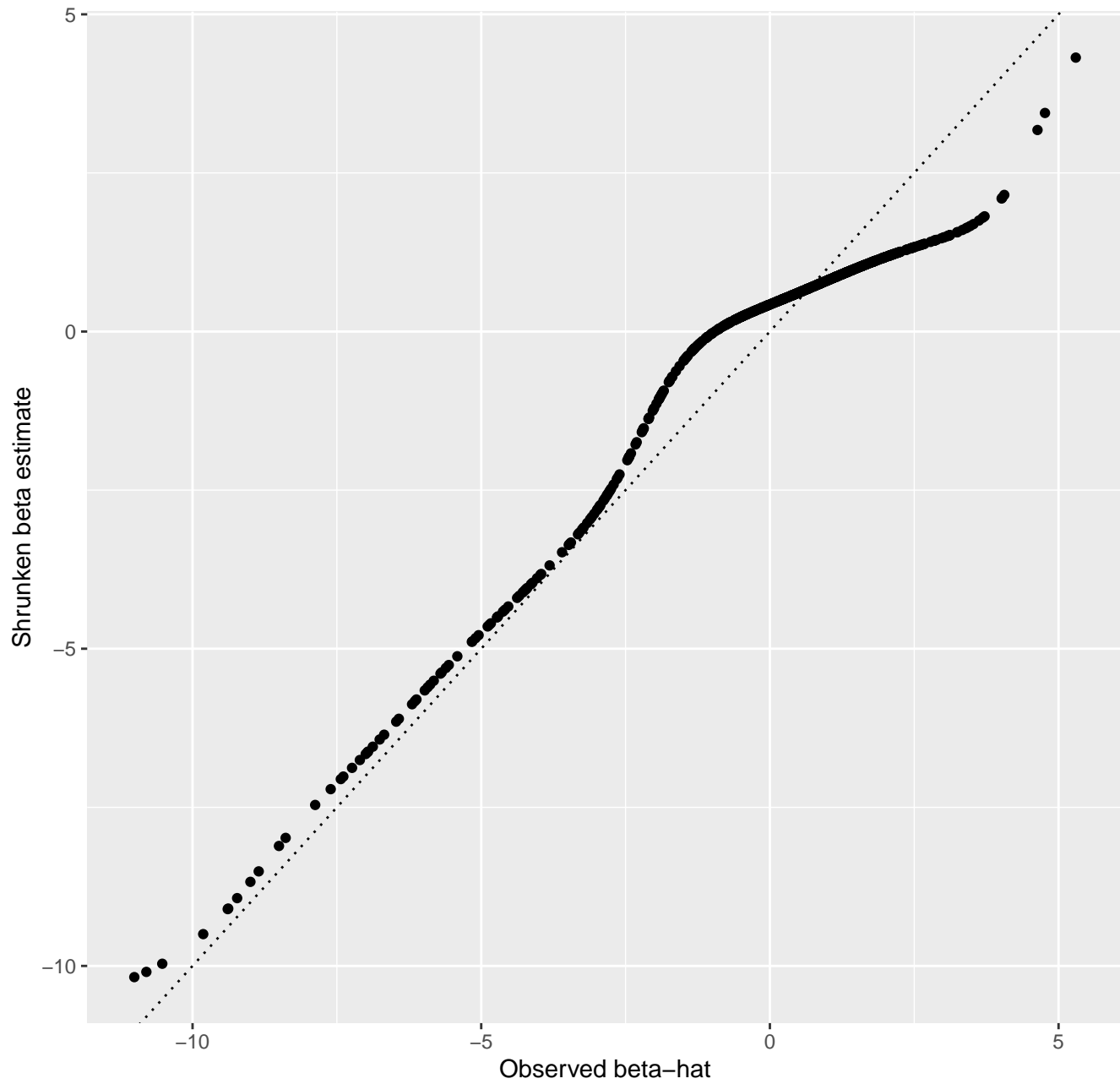
-5

0

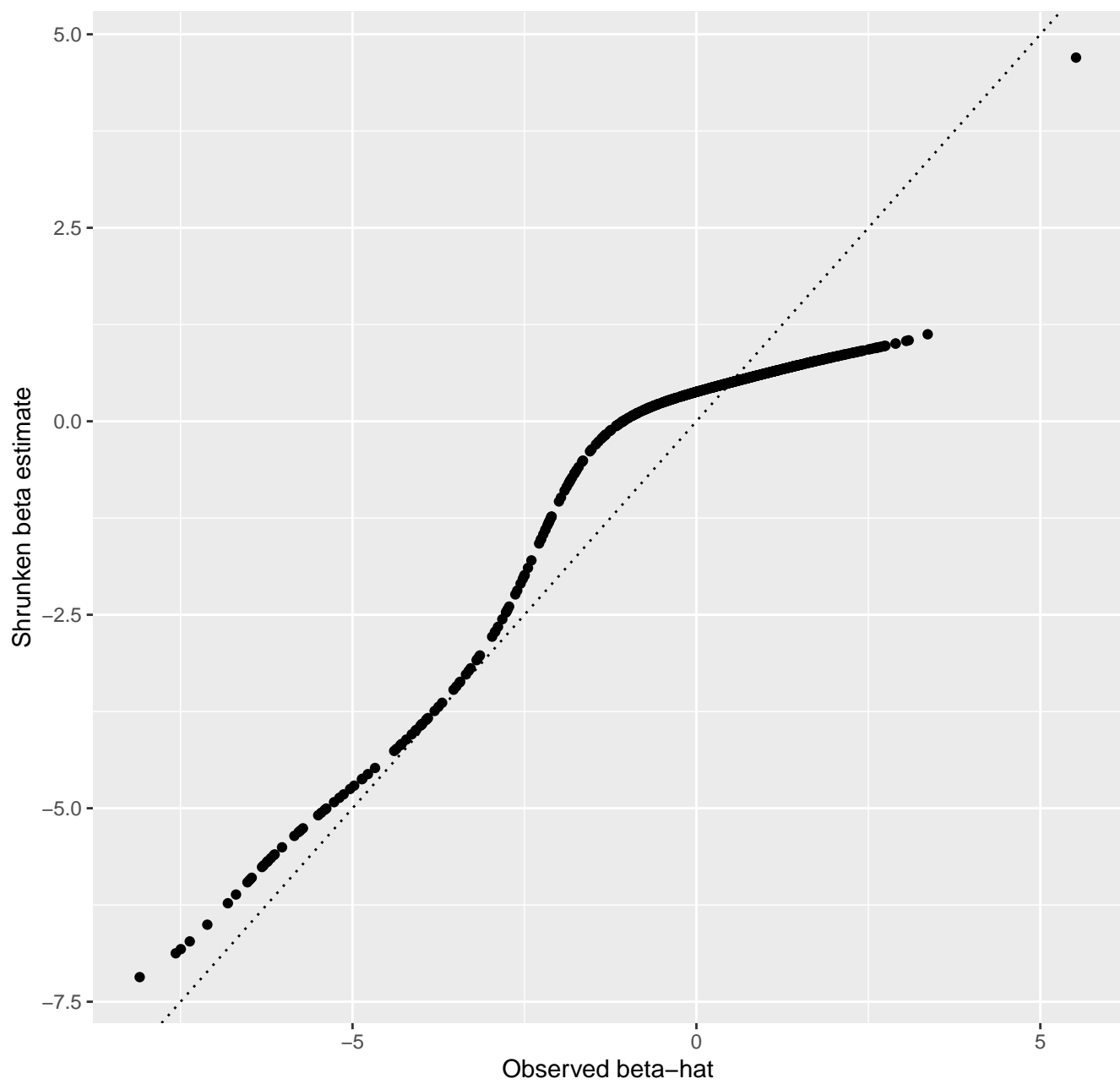
Observed beta-hat



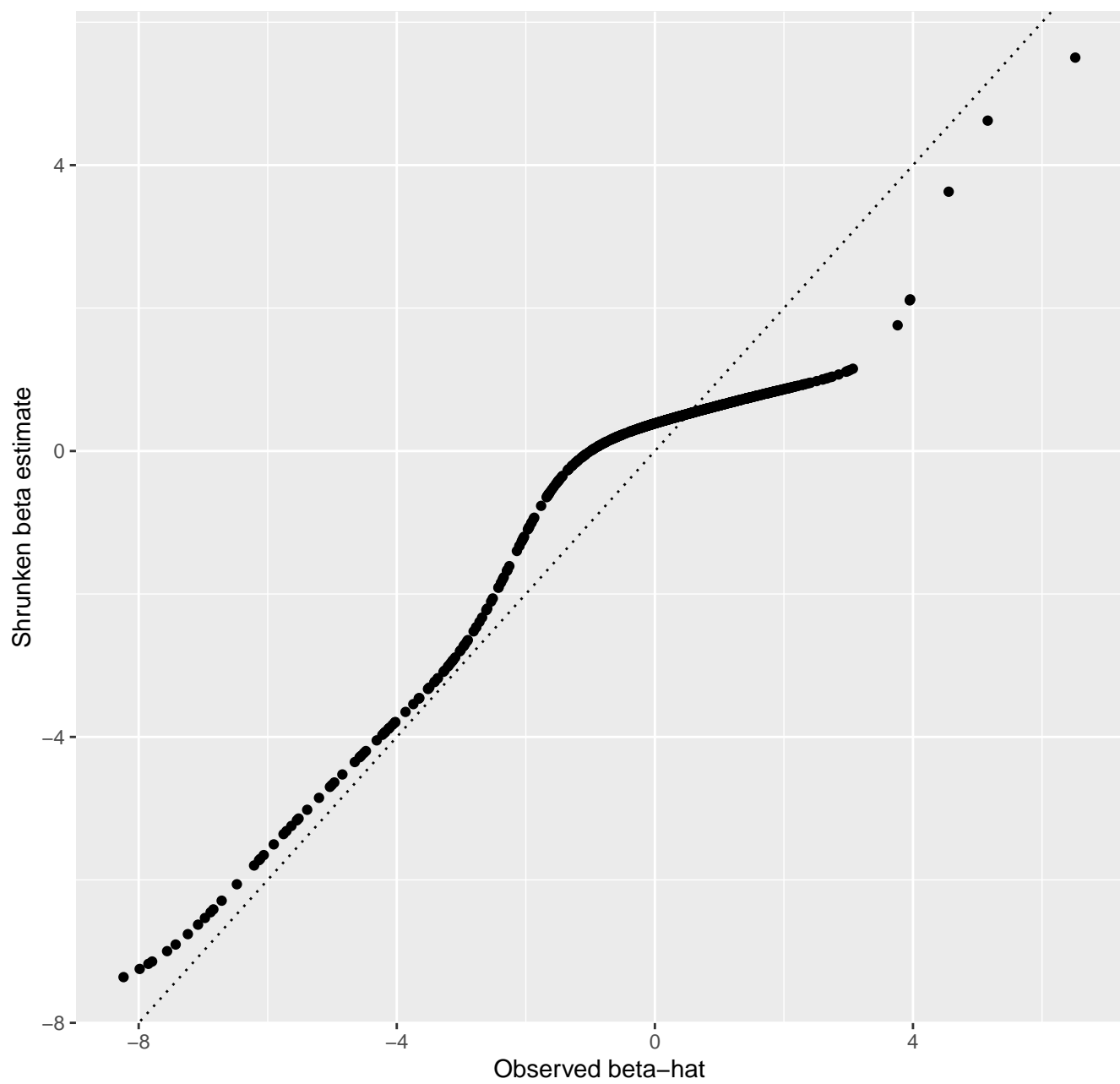
EIF2AK4\_(440275) negative



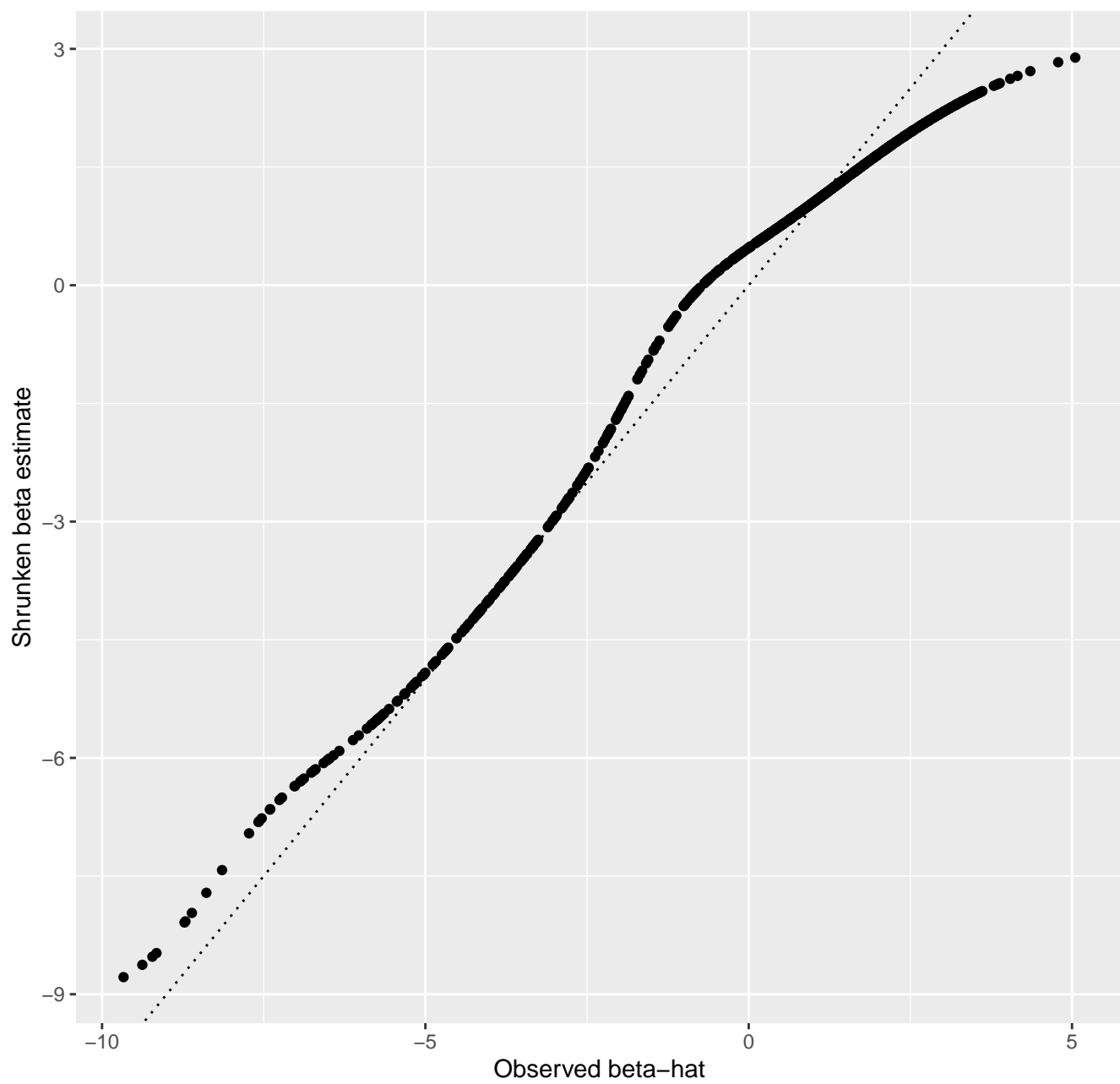
PARD6B\_(84612) negative



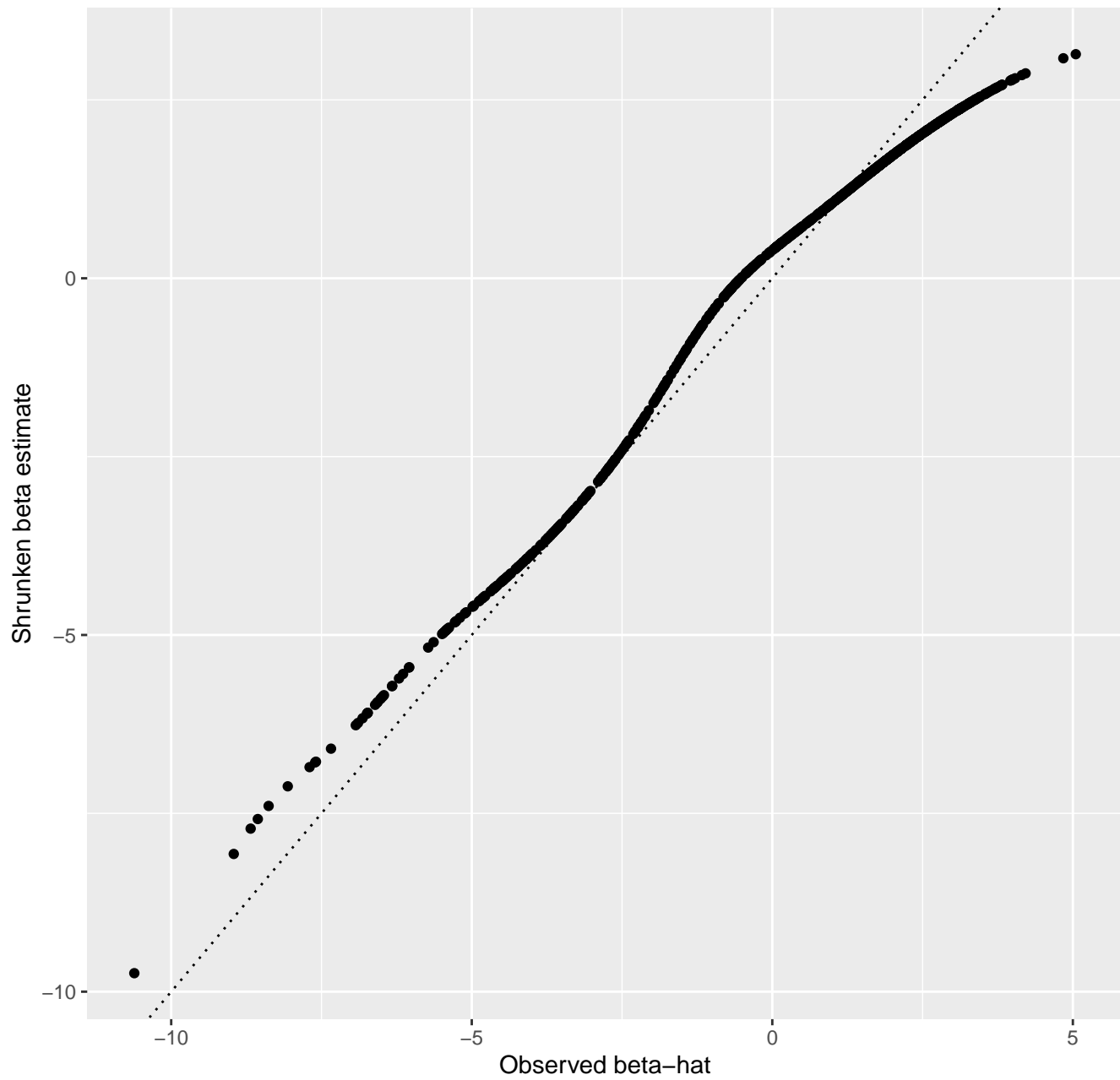
ZEB2\_(9839) negative



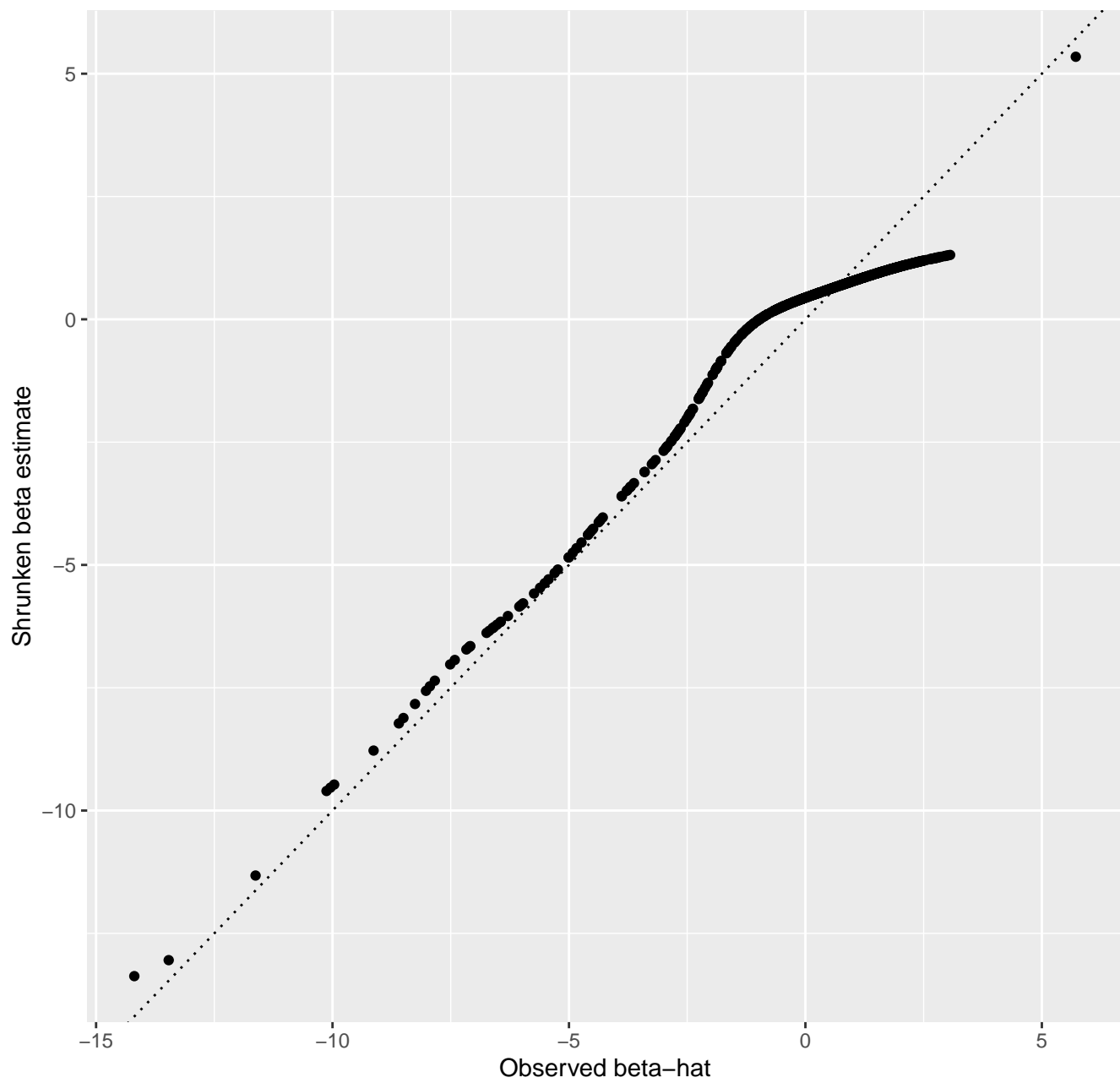
RPP25L\_(138716) negative



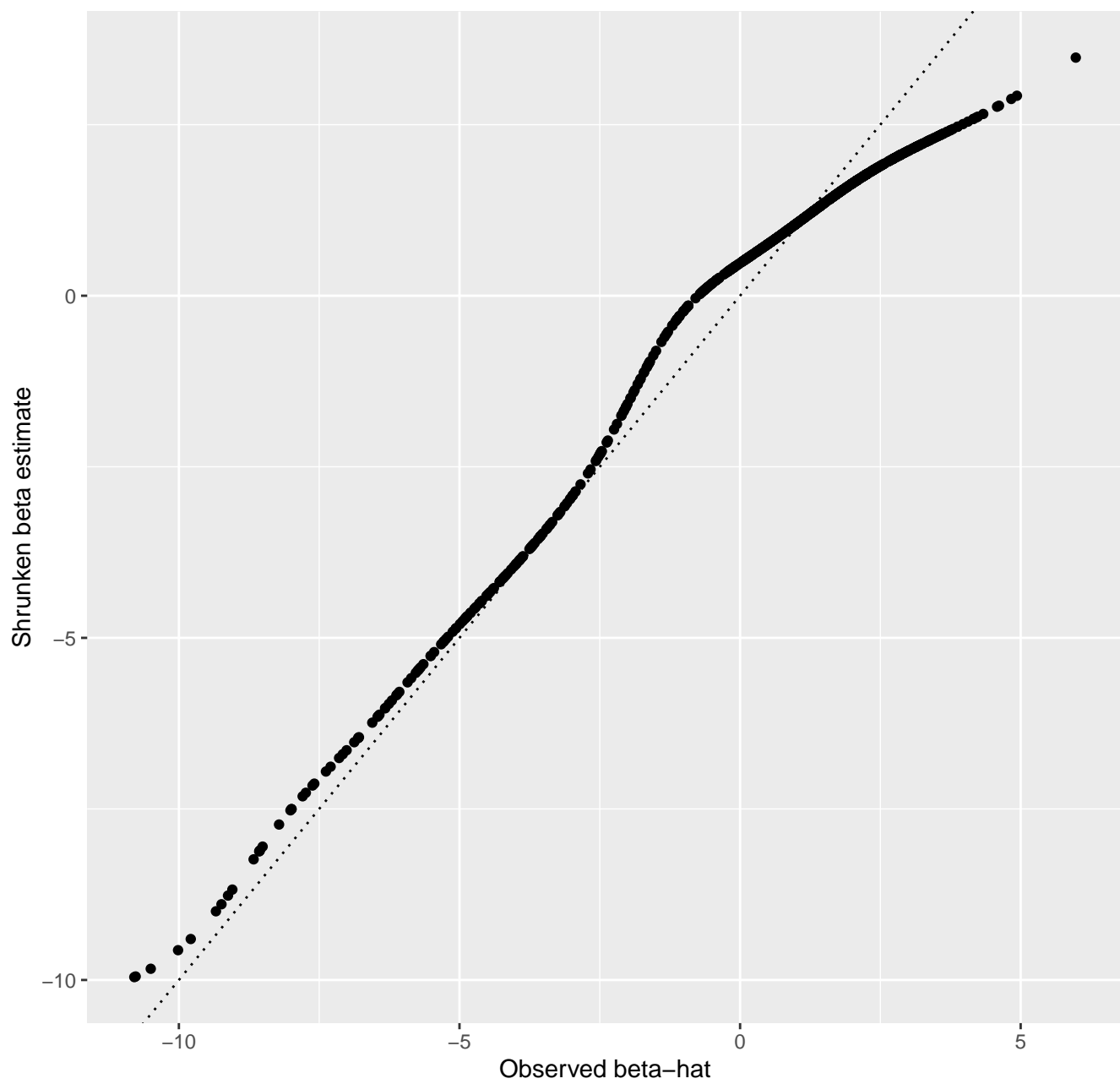
STX4\_(6810) negative



VPS4B\_(9525) negative

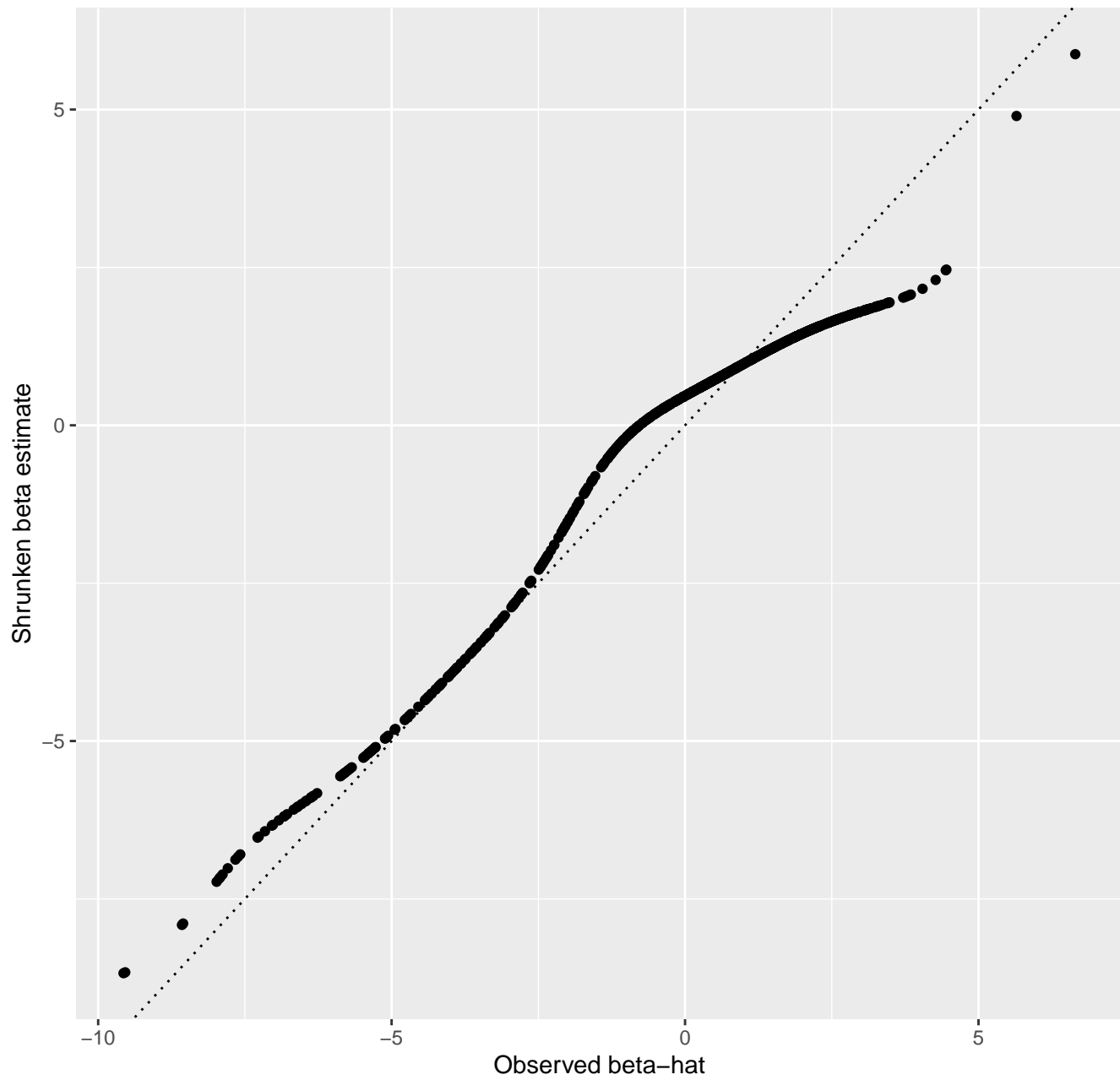


MDM2\_(4193) negative

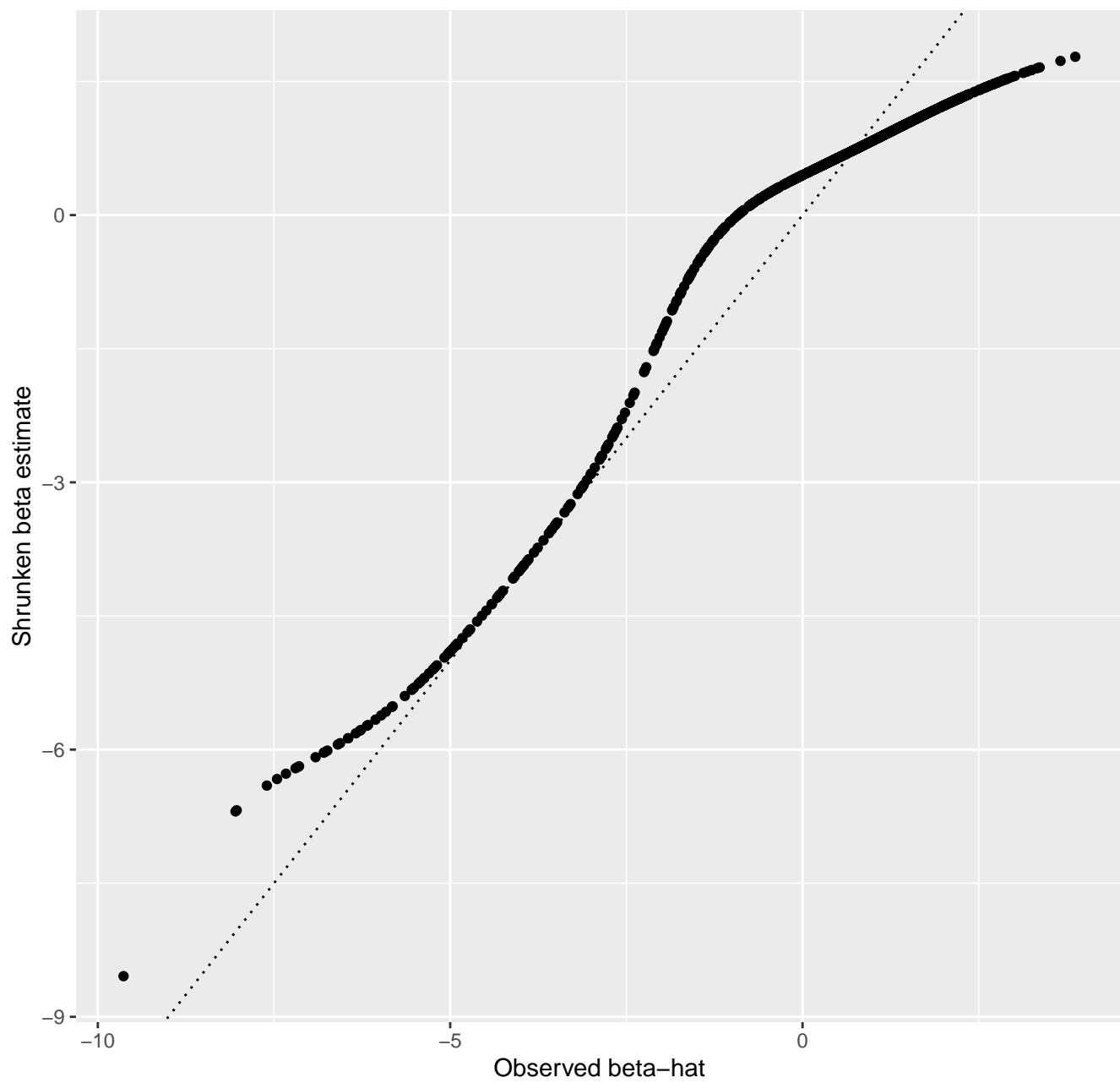




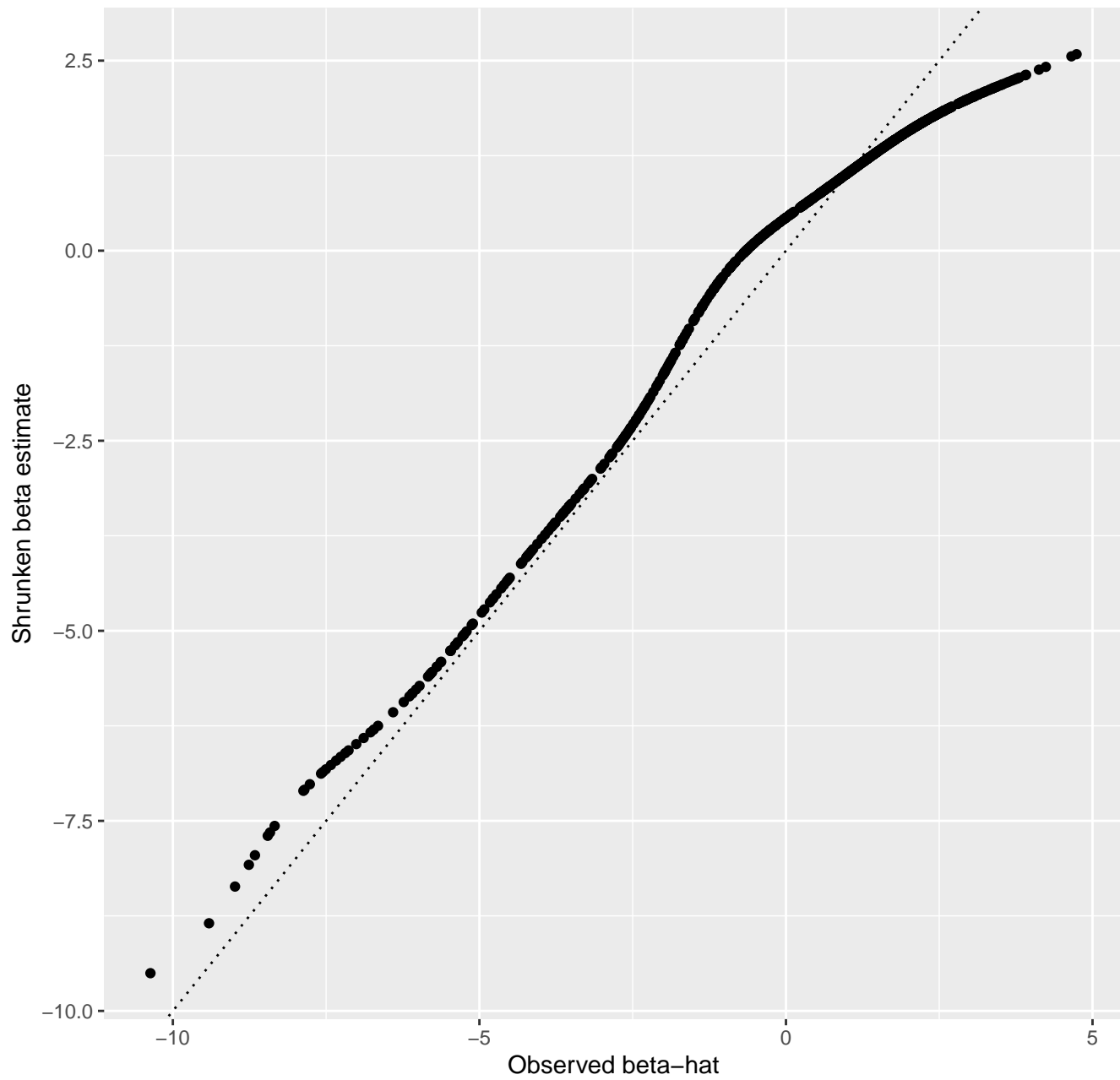
KLF5\_(688) negative



STAMBP\_(10617) negative

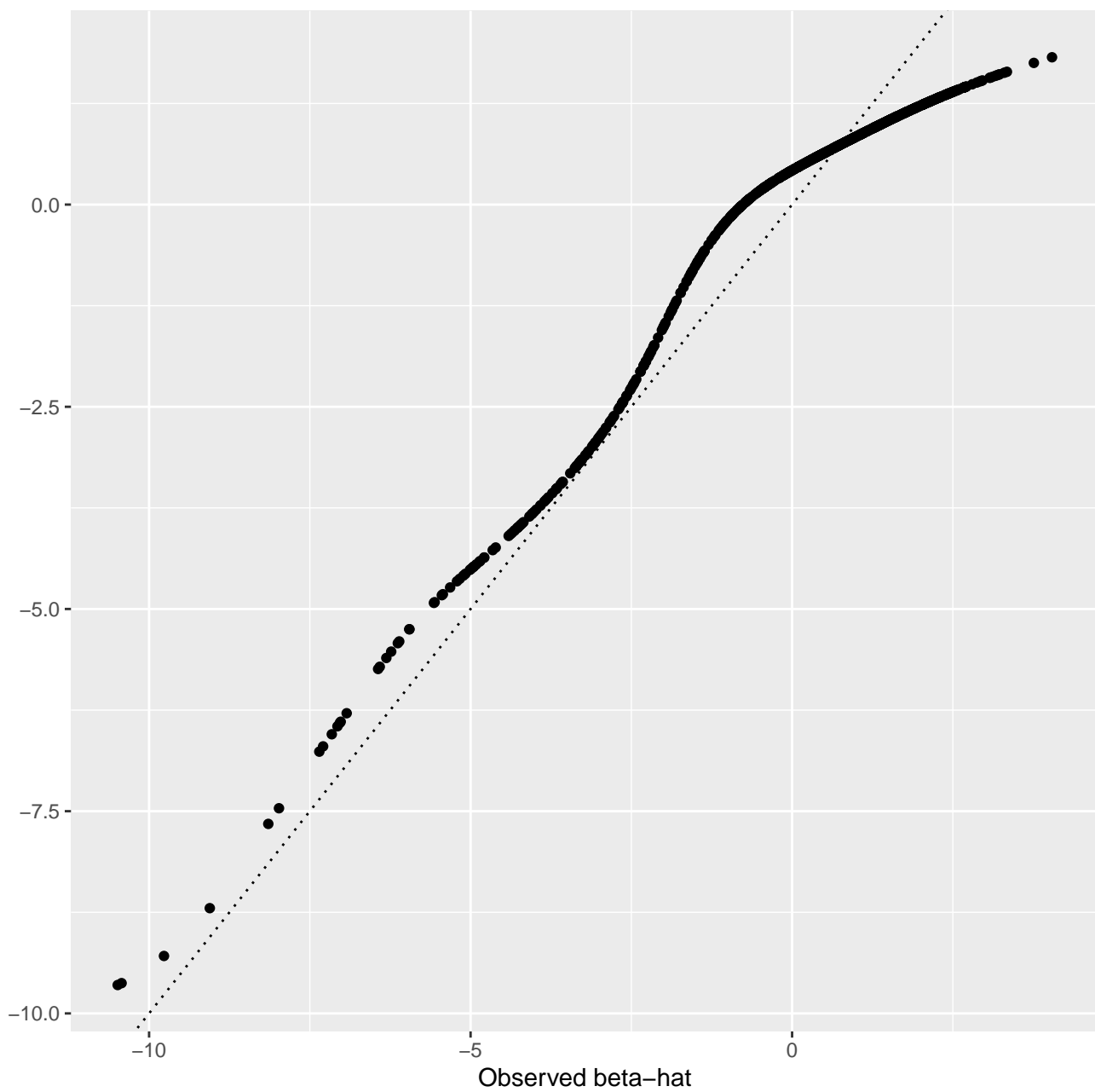


DHRXS\_(207063) negative

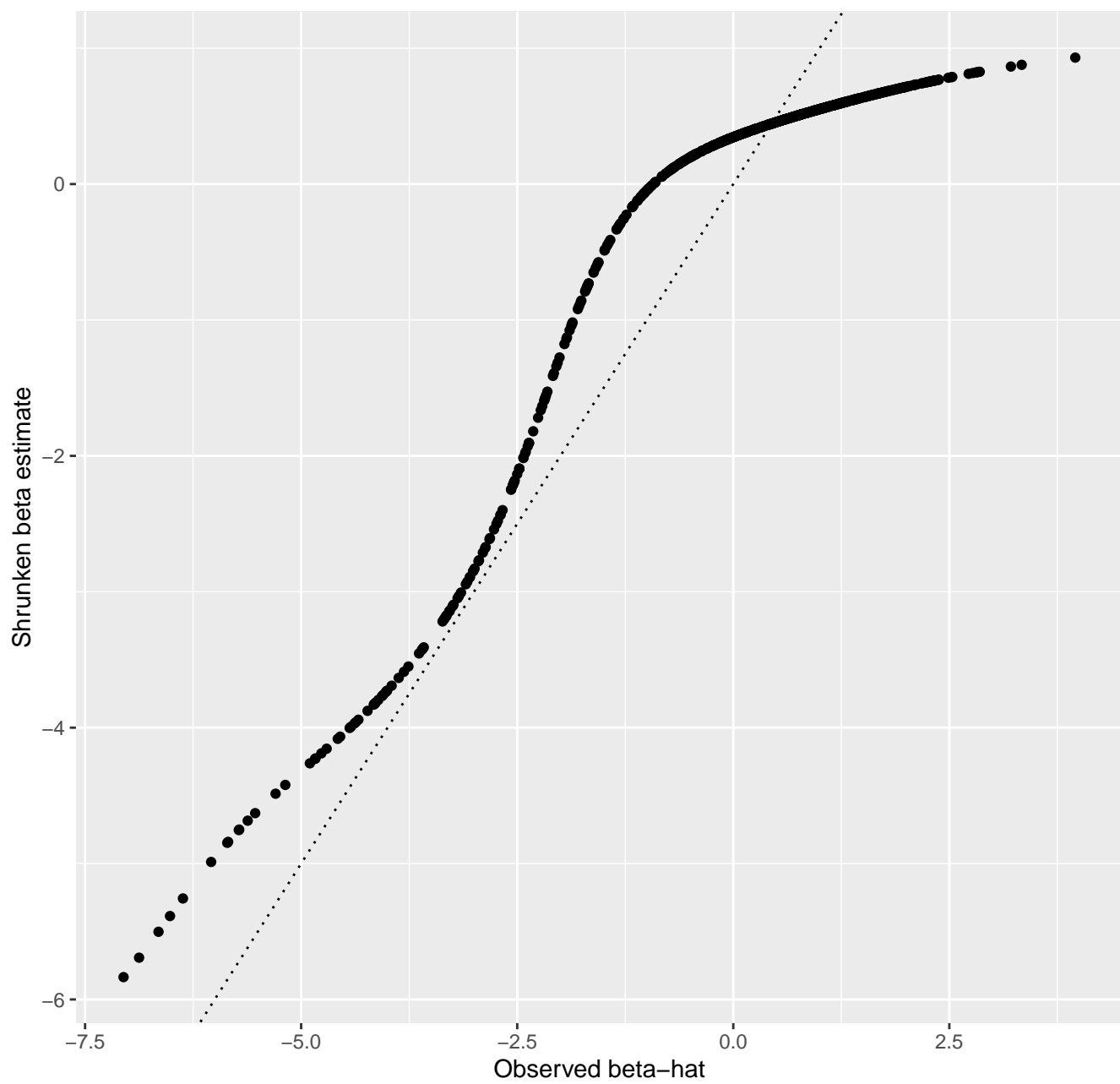


EGFR\_(1956) negative

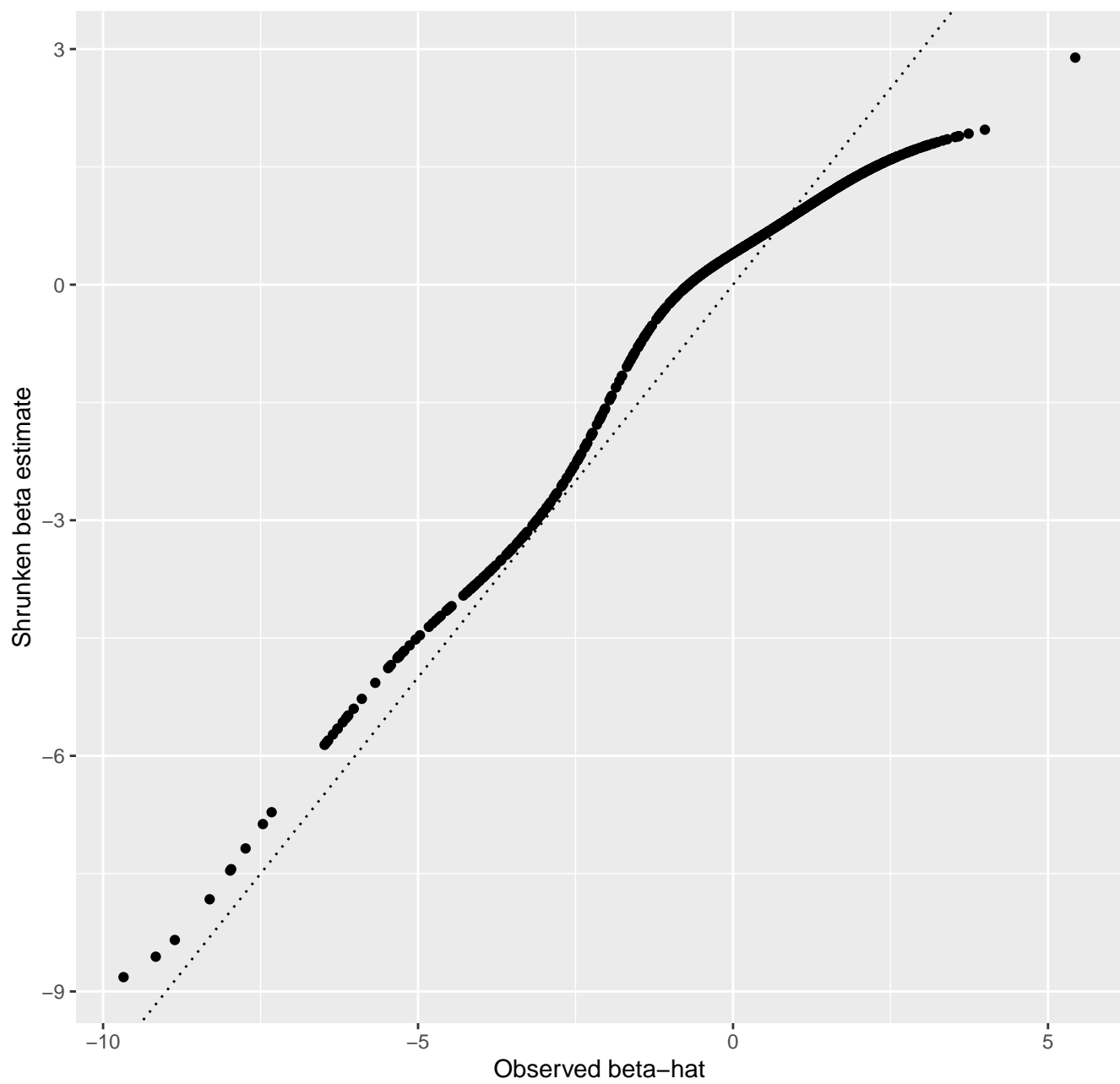
Shrunken beta estimate



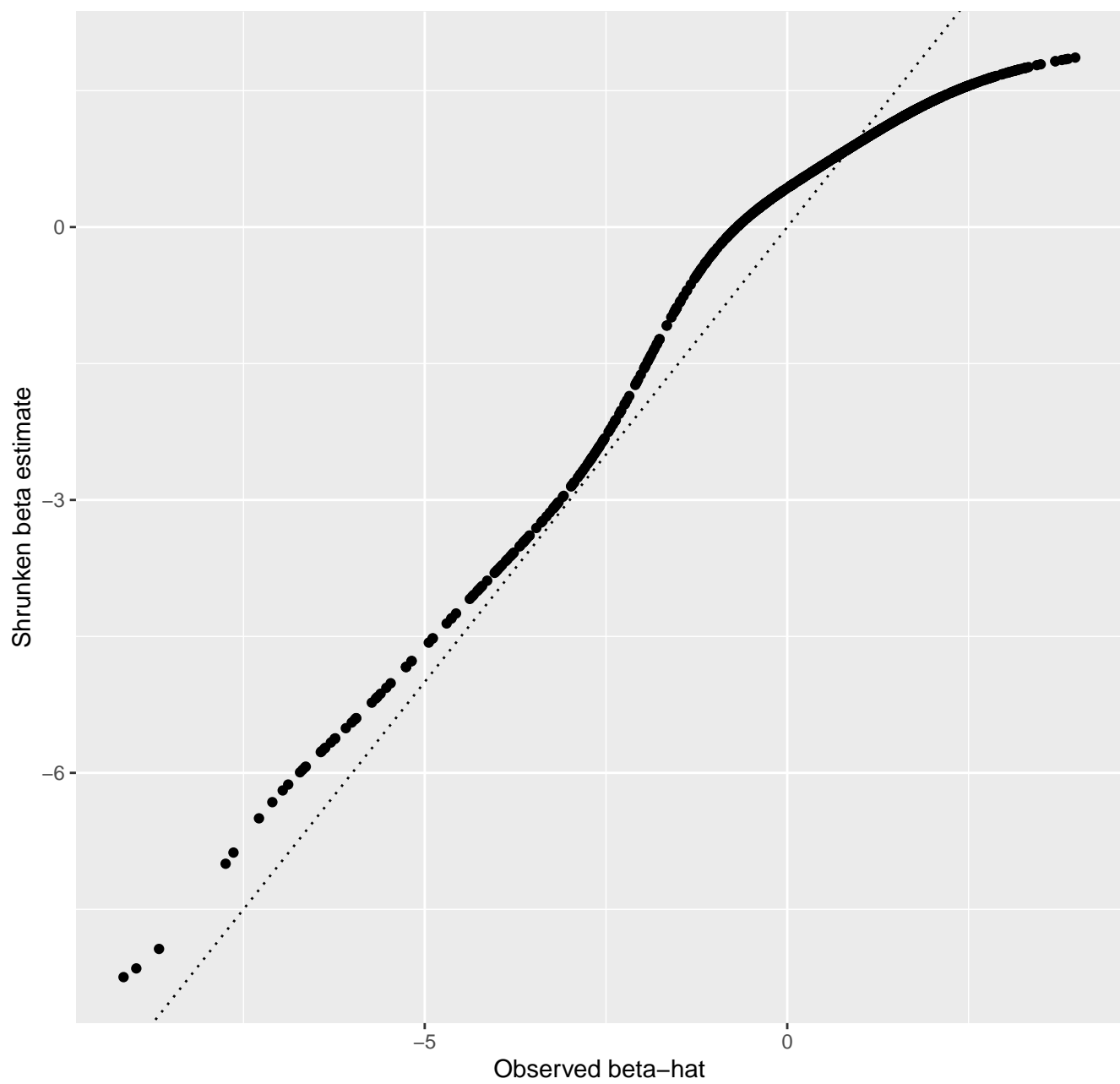
GRHL2\_(79977) negative



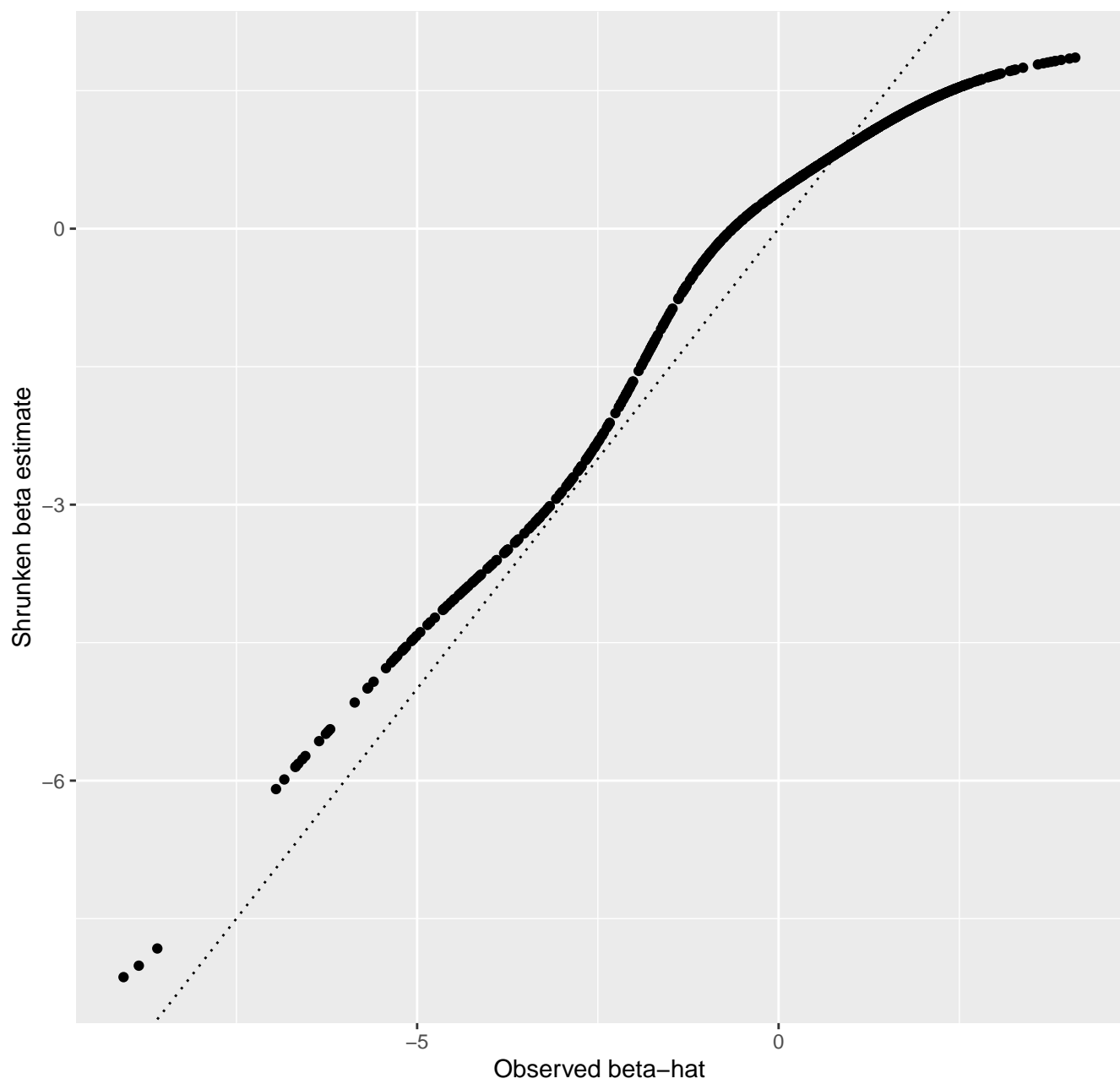
SLC7A1\_(6541) negative



CYB5B\_(80777) negative

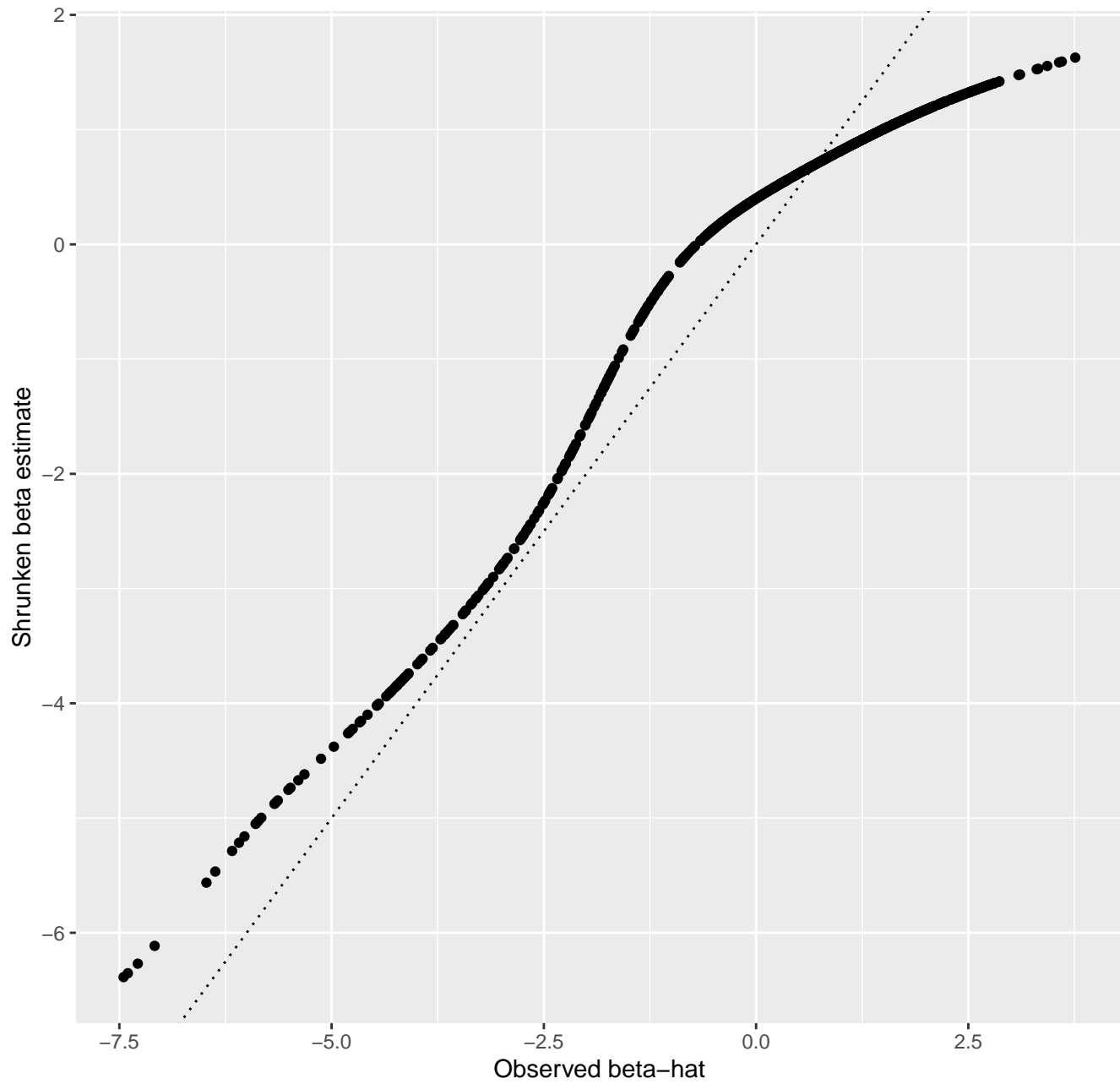


IGF1R\_(3480) negative

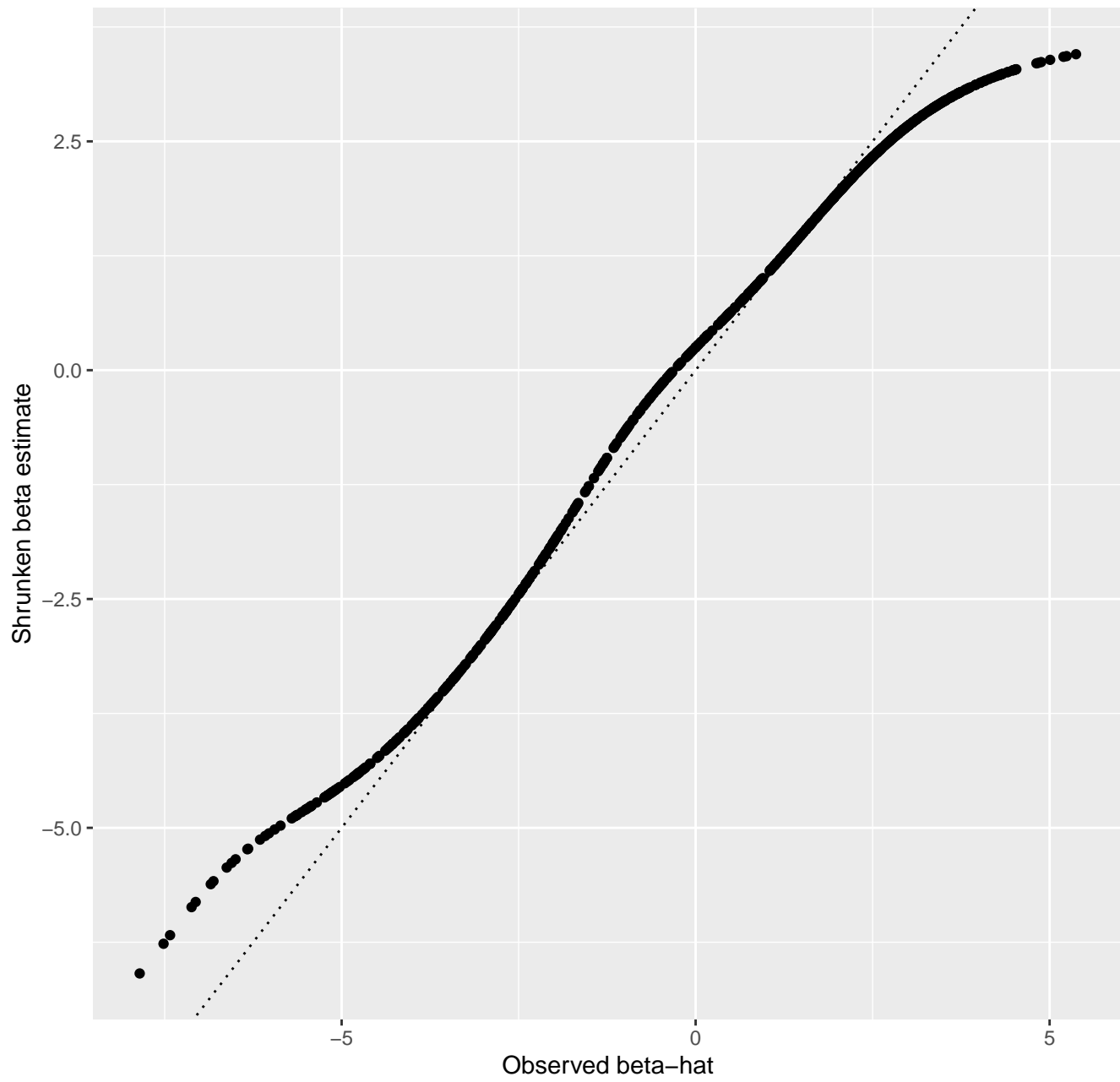




STXBP3\_(6814) negative

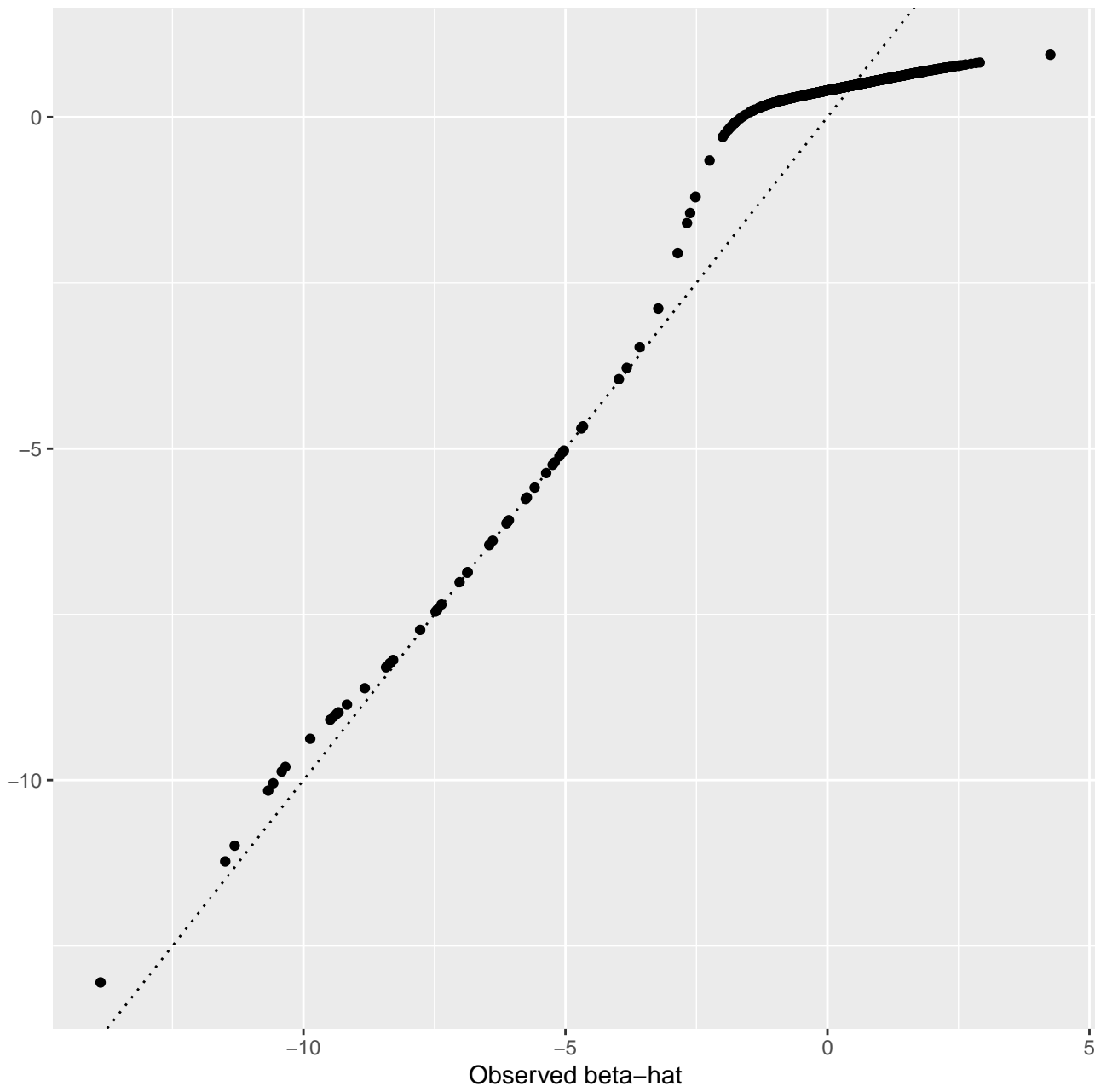


FAM50A\_(9130) negative

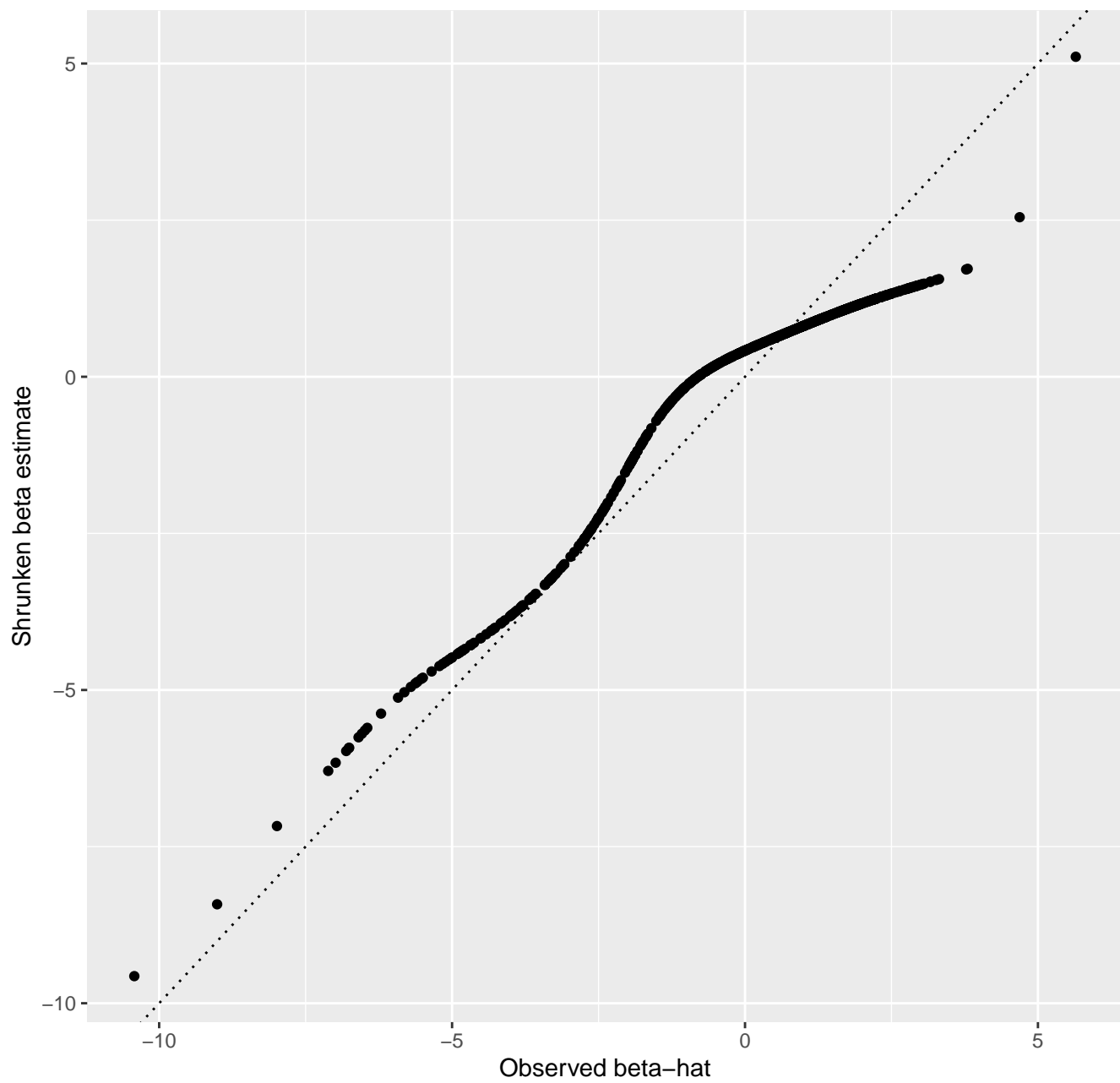


IRF4\_(3662) negative

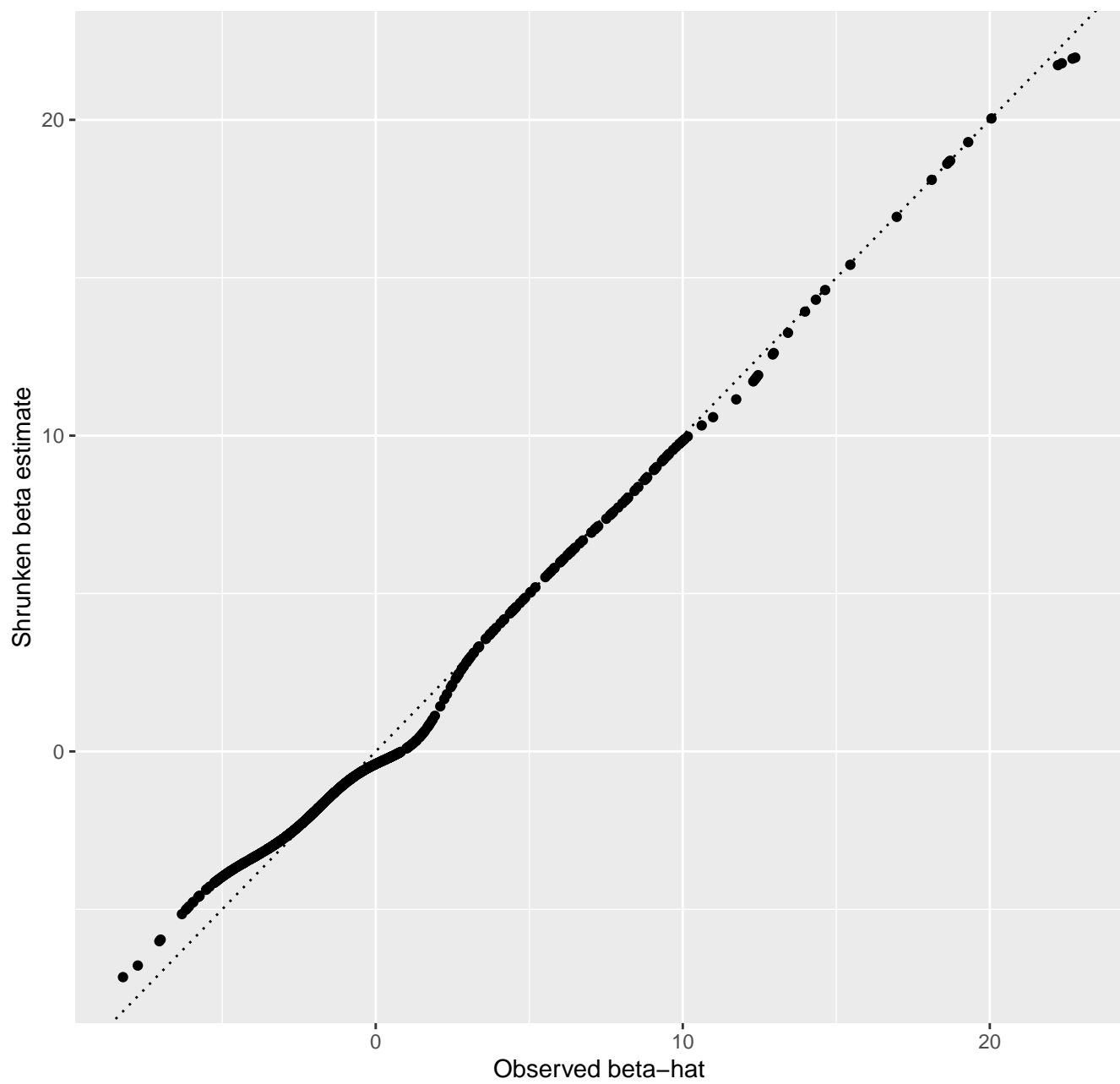
Shrunken beta estimate



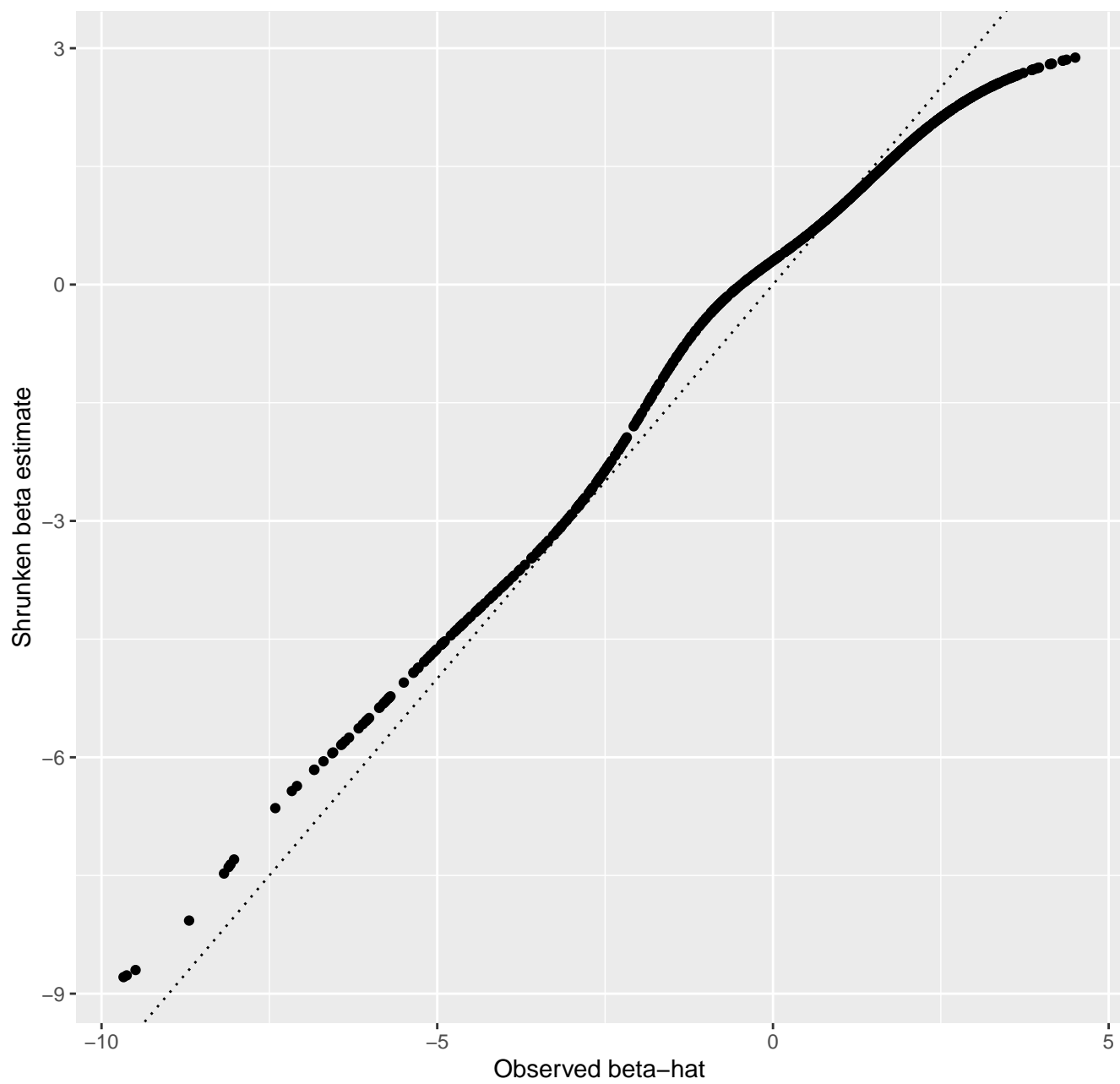
KIF18B\_(146909) negative



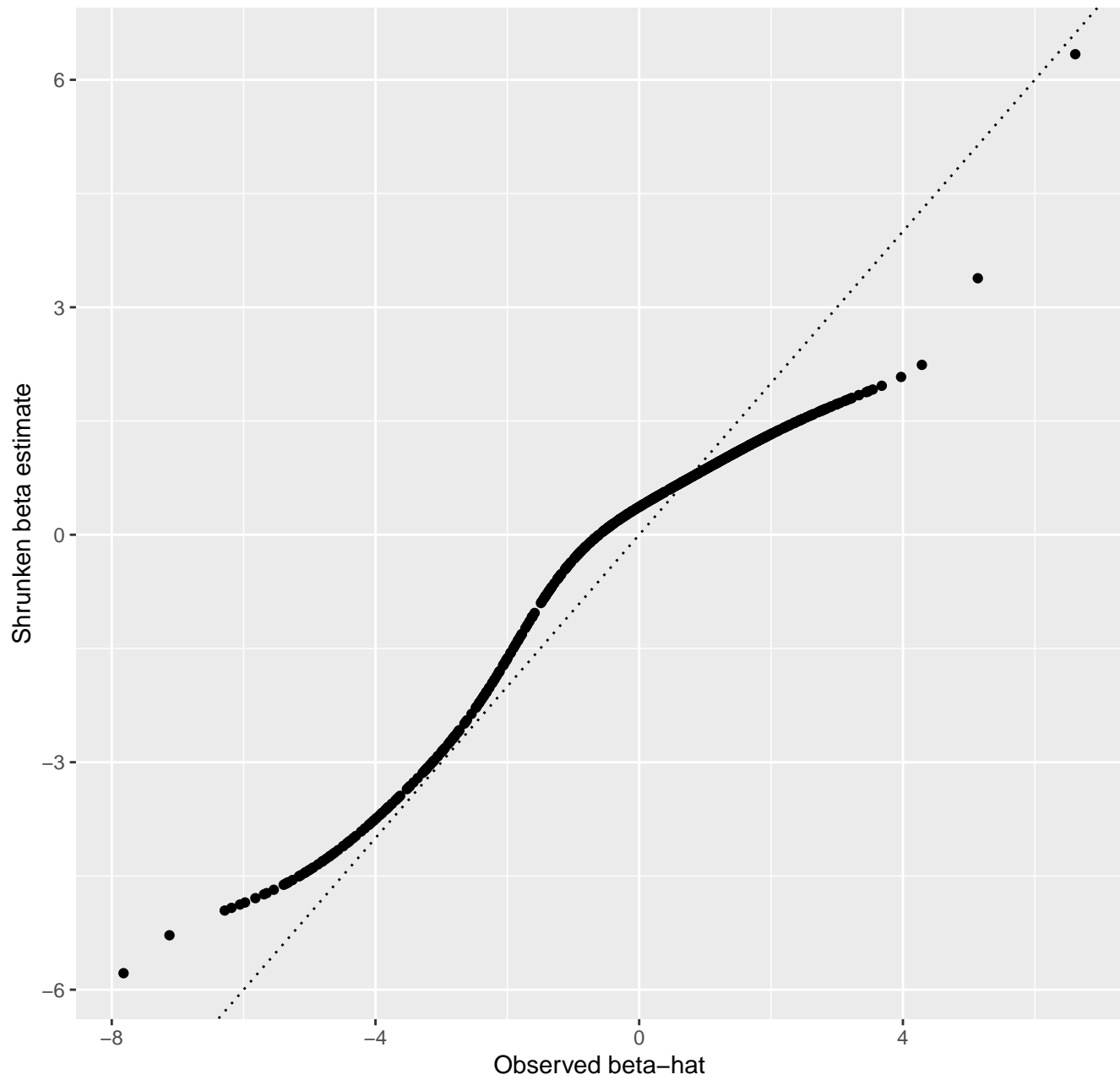
TP53\_(7157) positive



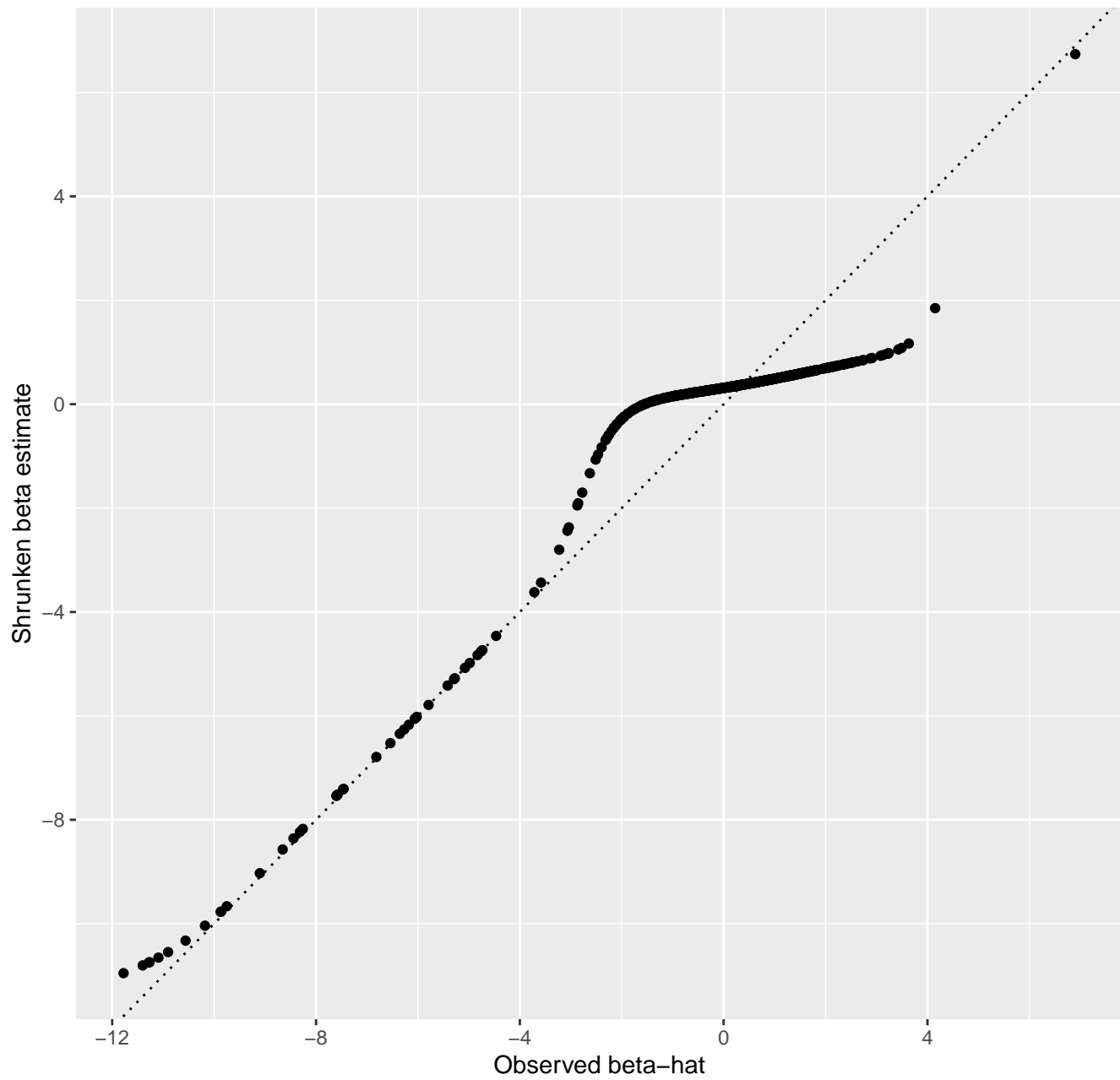
UBIAD1\_(29914) negative



PTDSS1\_(9791) negative

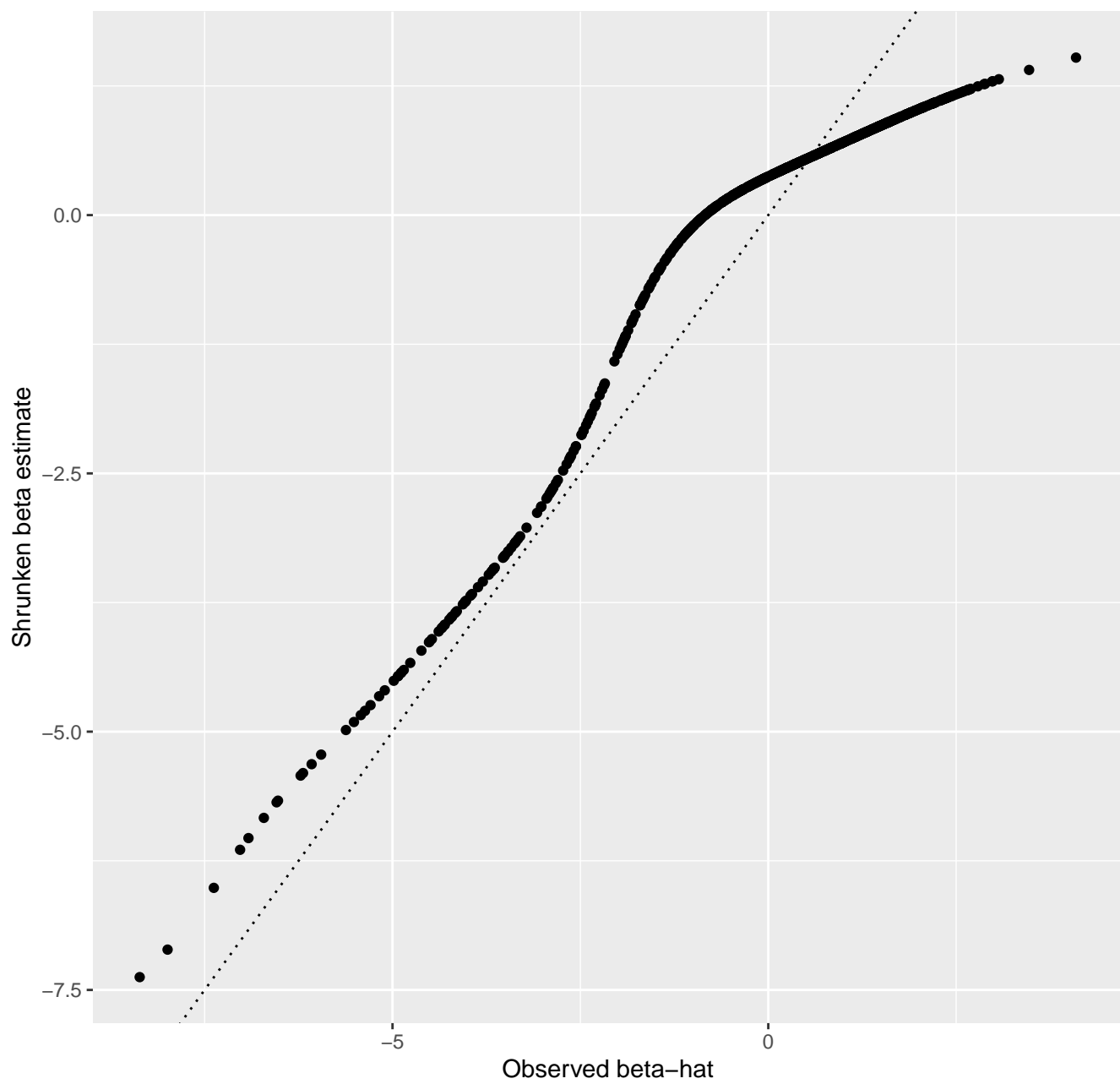


NRAS\_(4893) negative

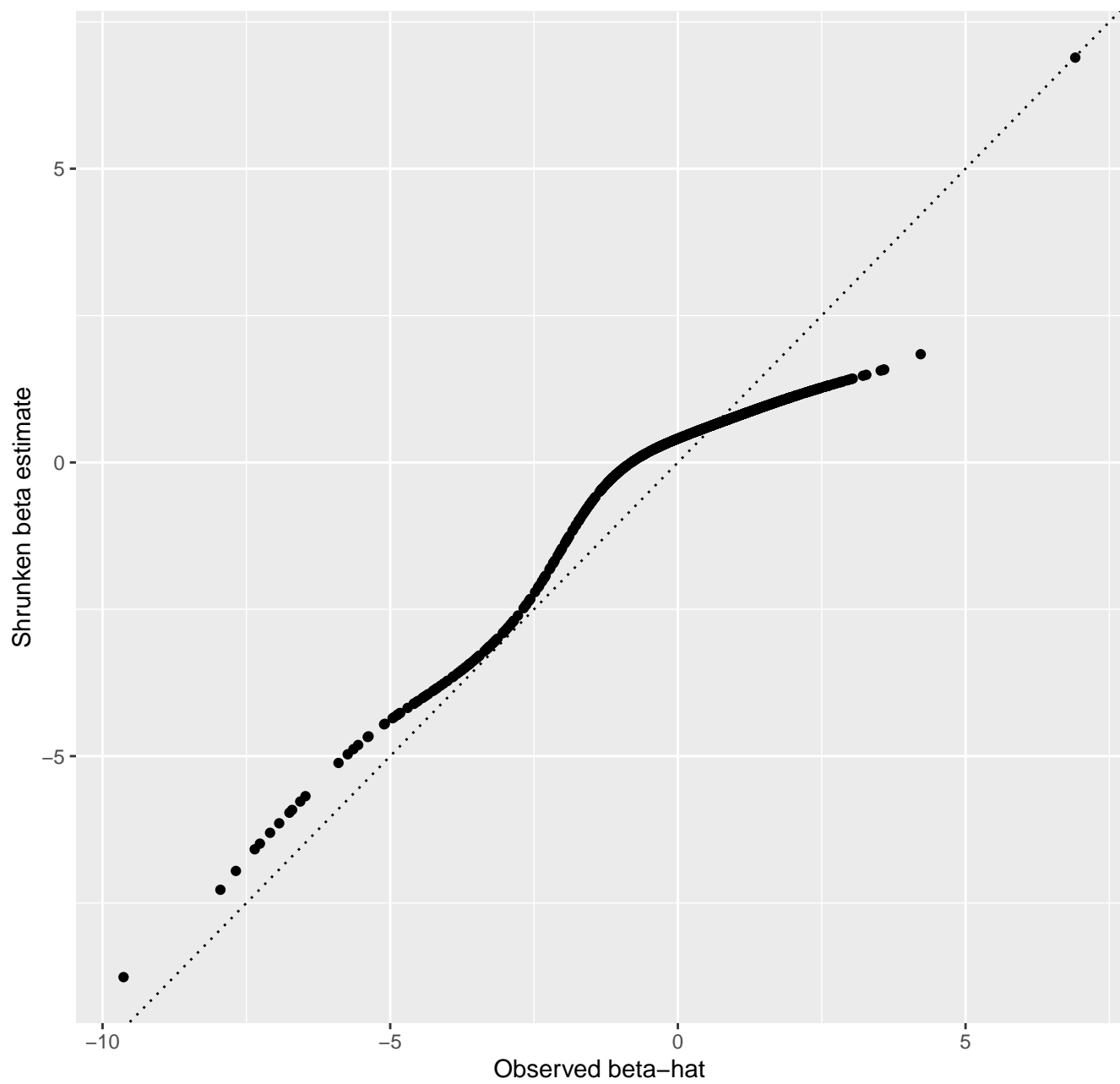




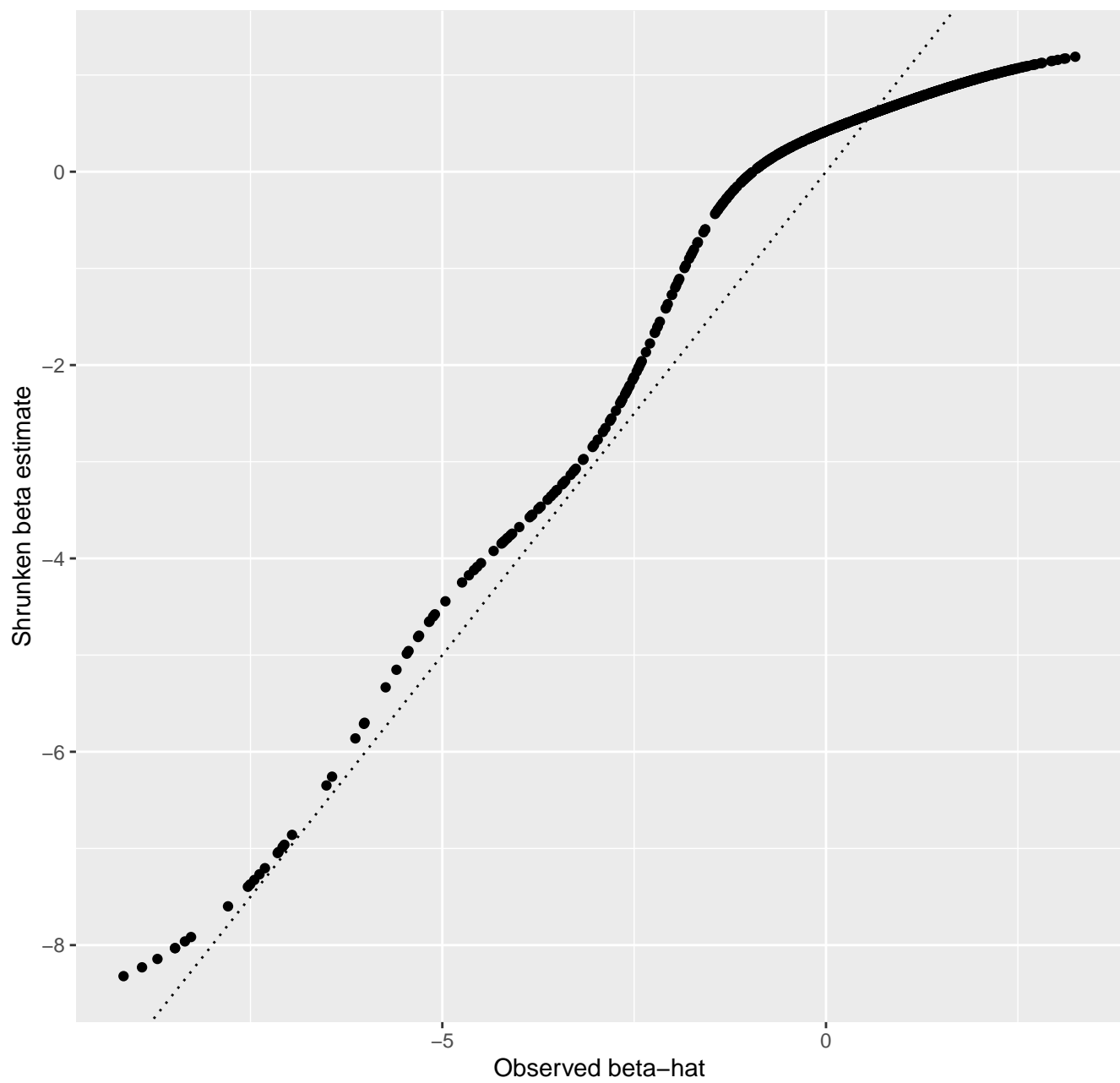
IER3IP1\_(51124) negative



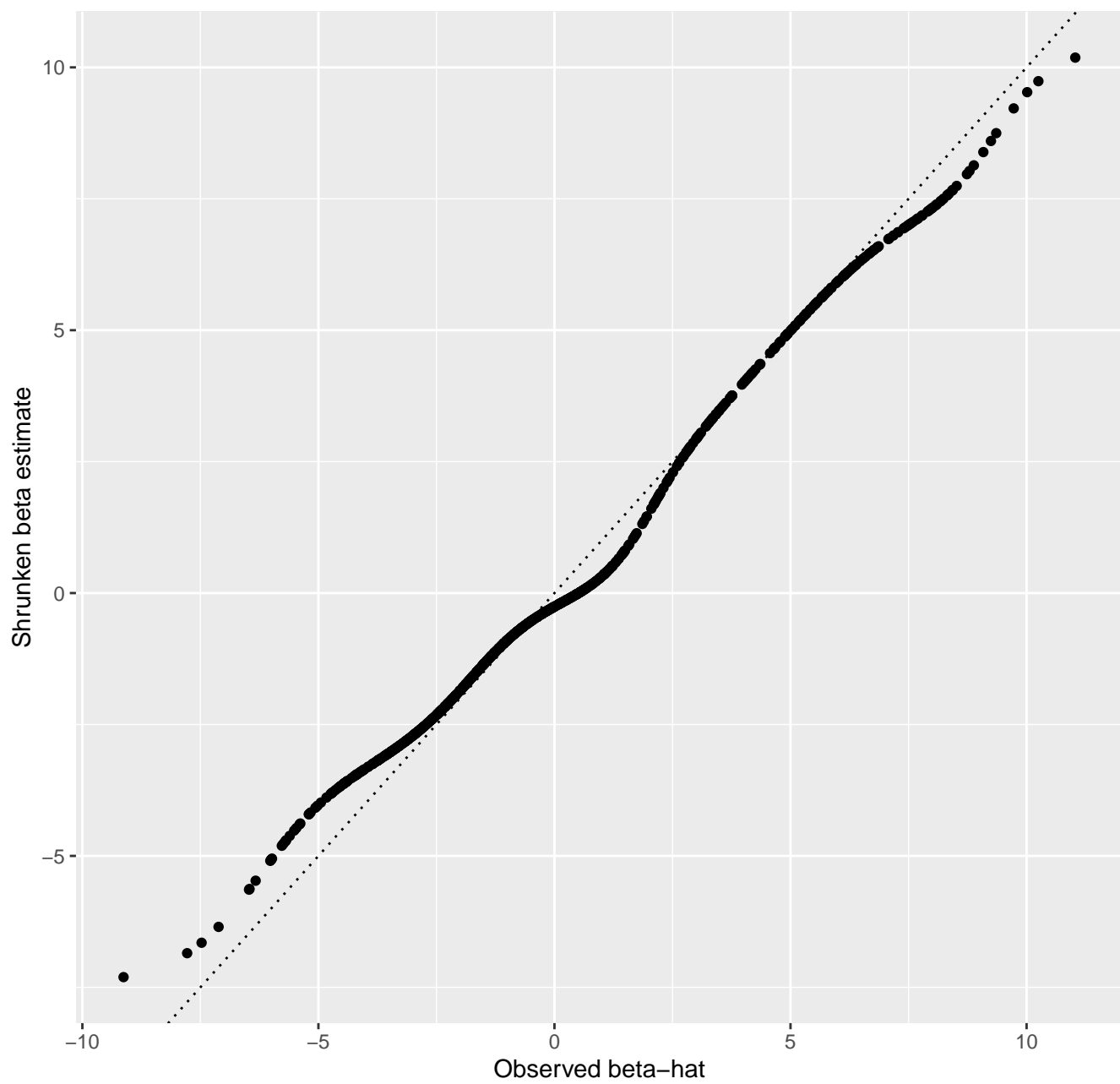
SOX9\_(6662) negative



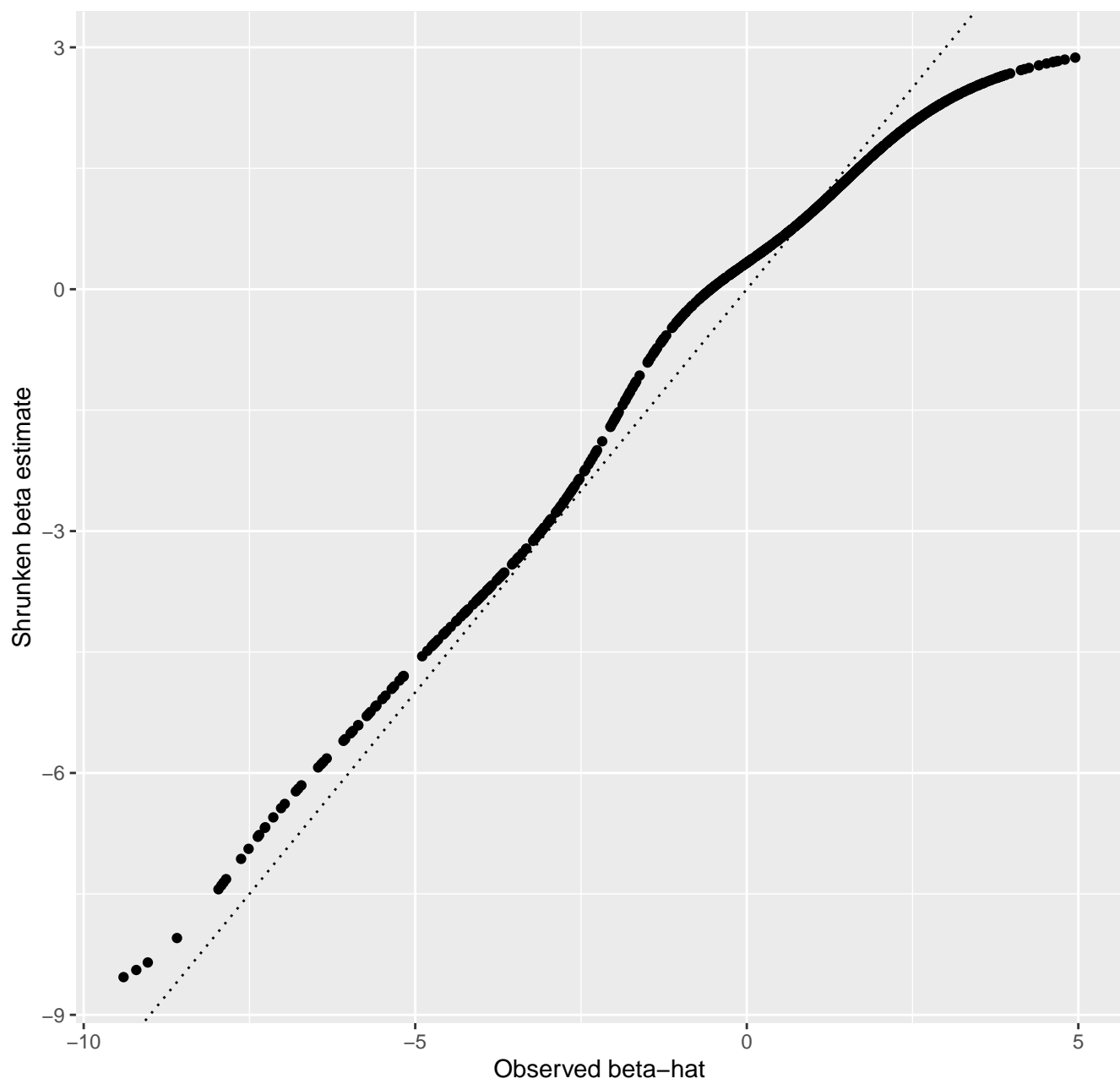
CCDC51\_(79714) negative



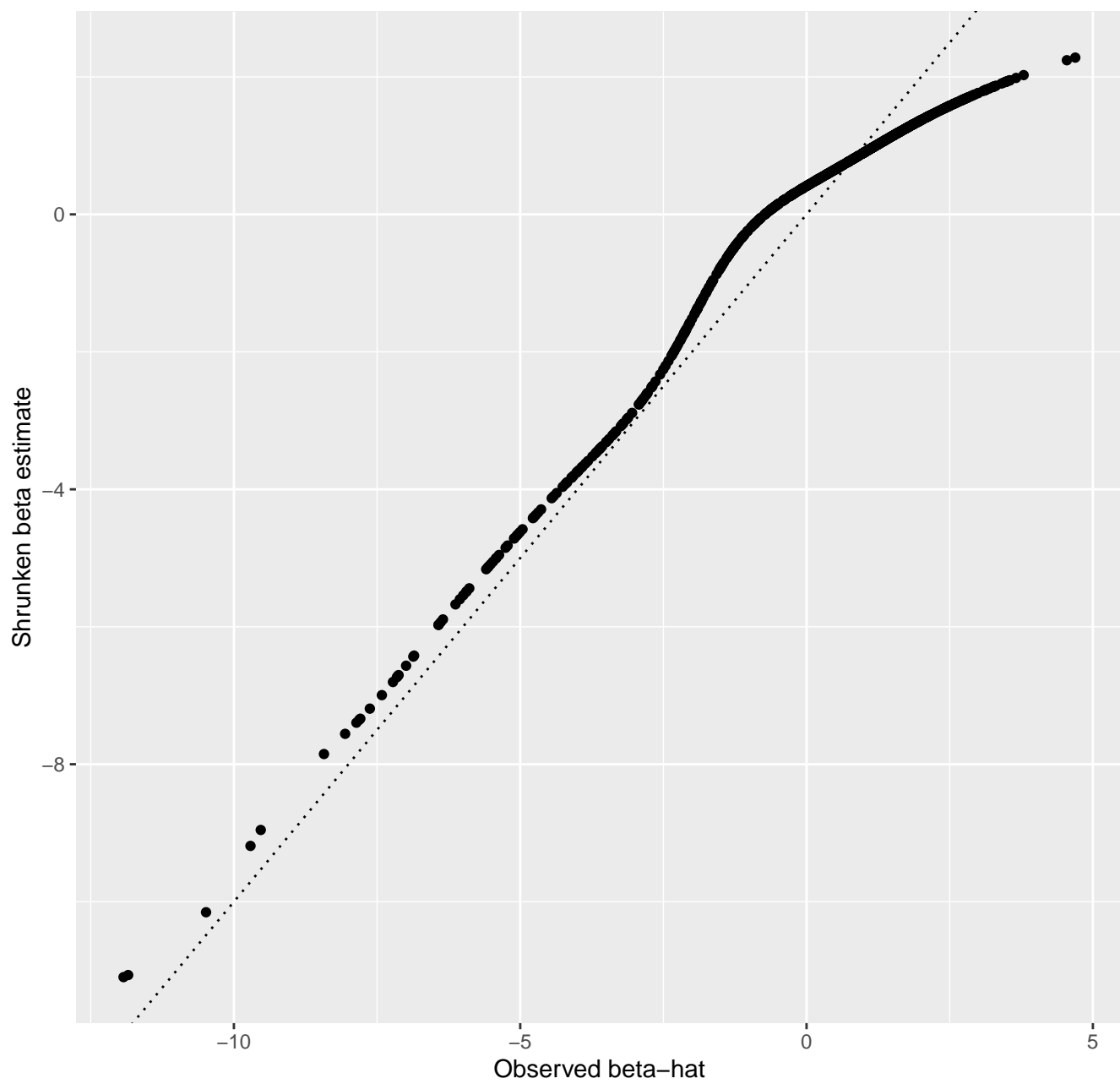
YRDC\_(79693) positive



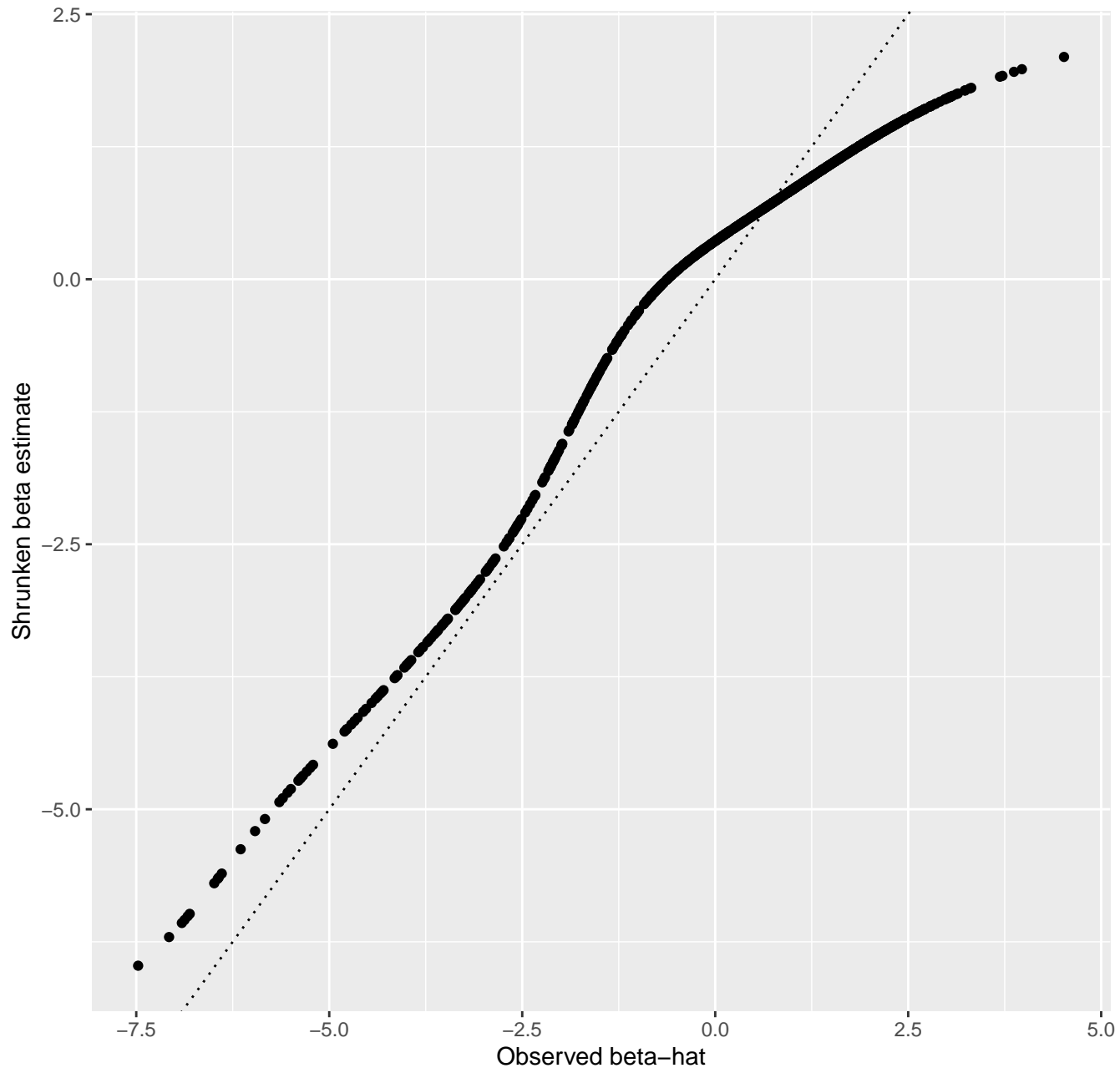
NAMPT\_(10135) negative



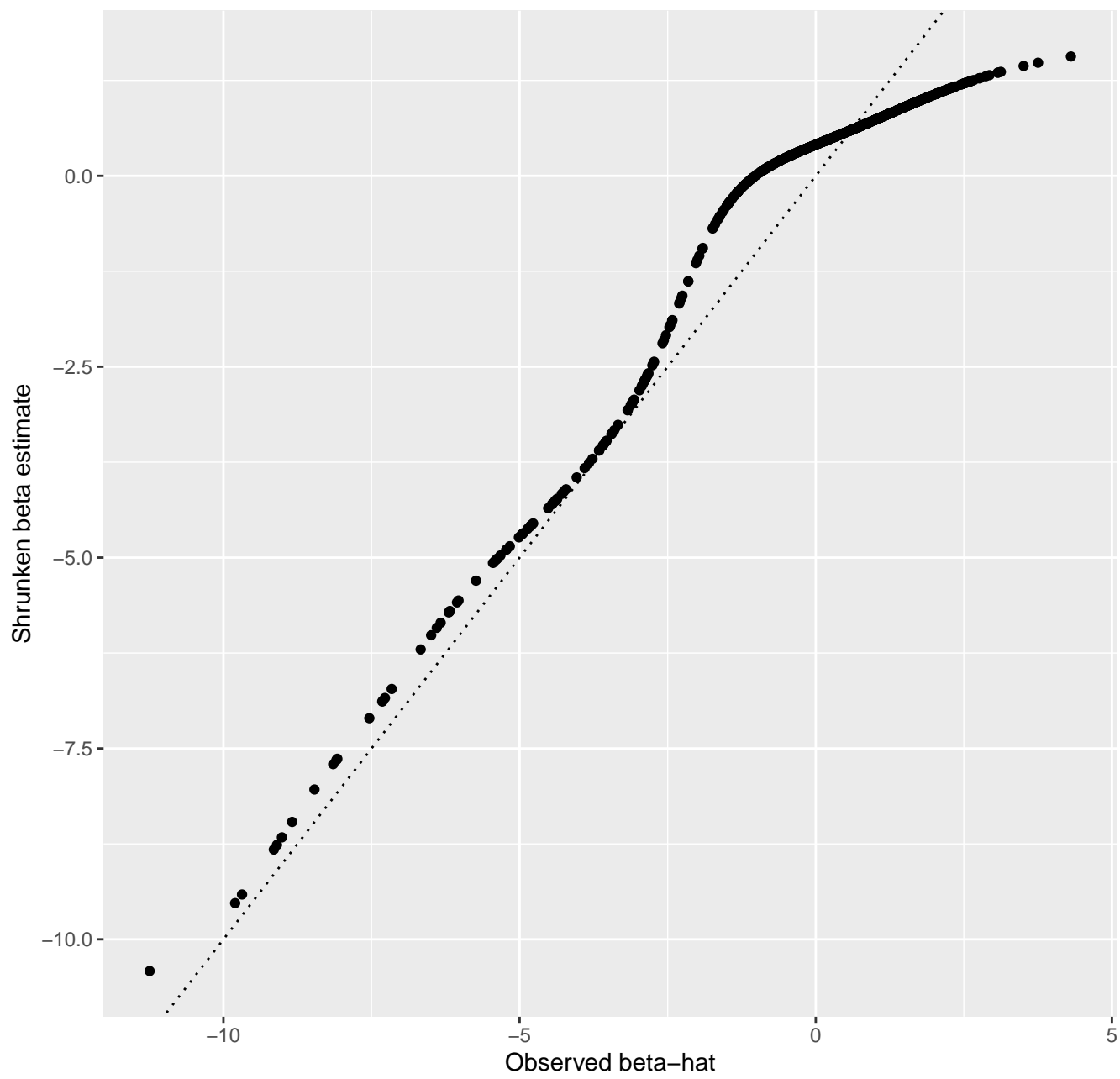
SREBF1\_(6720) negative



ELMO2\_(63916) negative



VPS4A\_(27183) negative





CDK4\_(1019) negative

Shrunken beta estimate

0

-5

-10

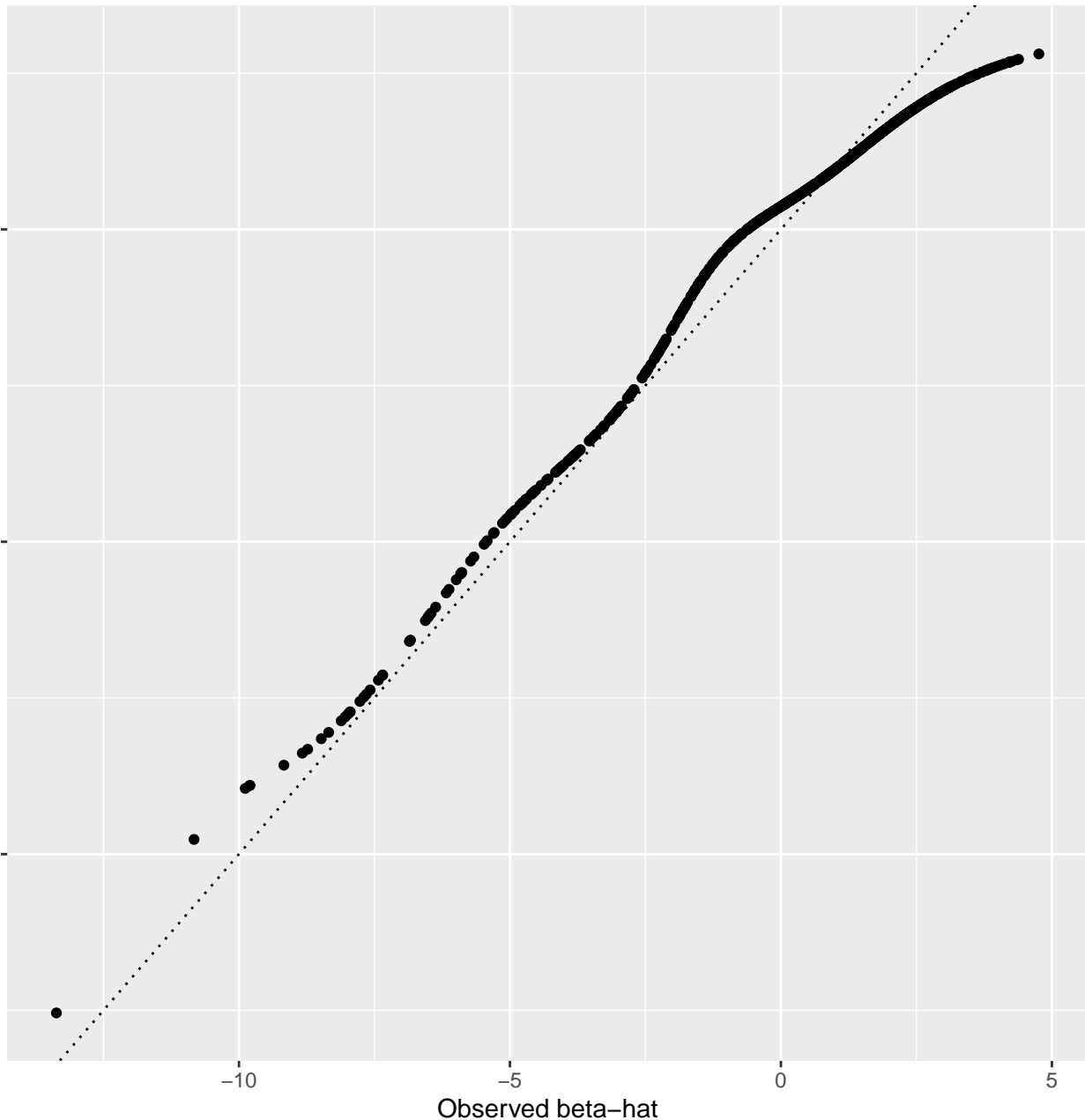
-10

-5

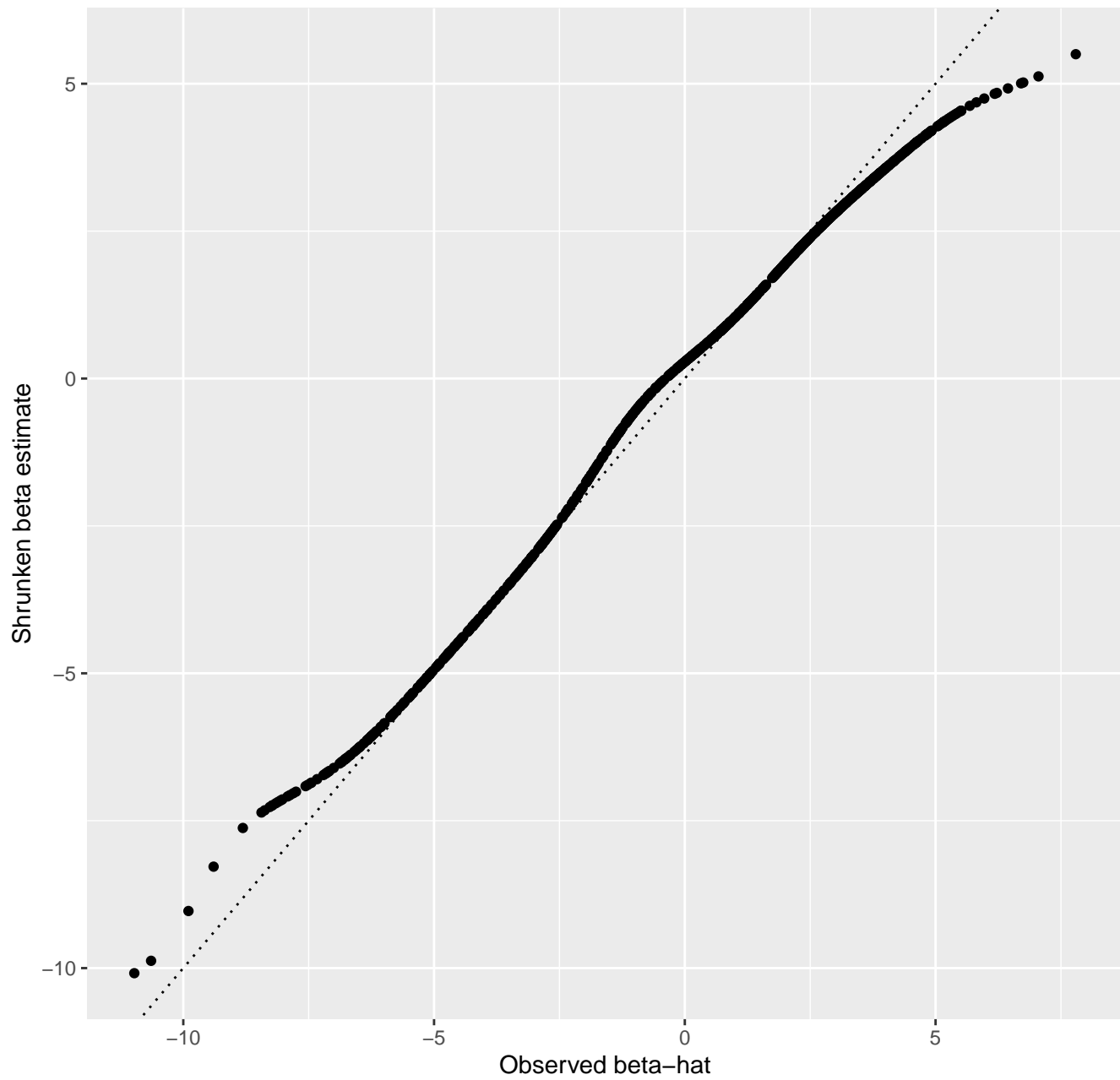
0

5

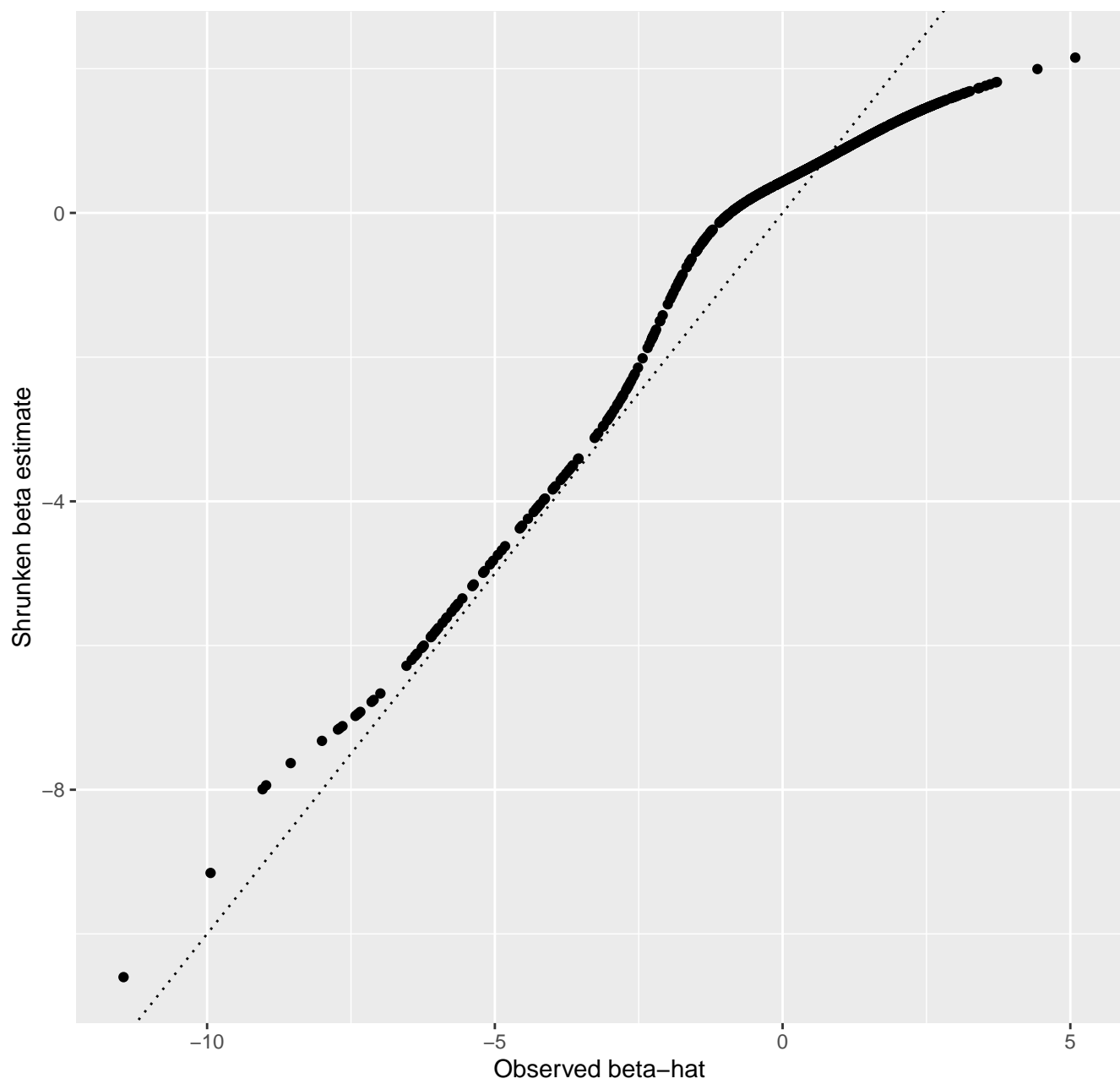
Observed beta-hat



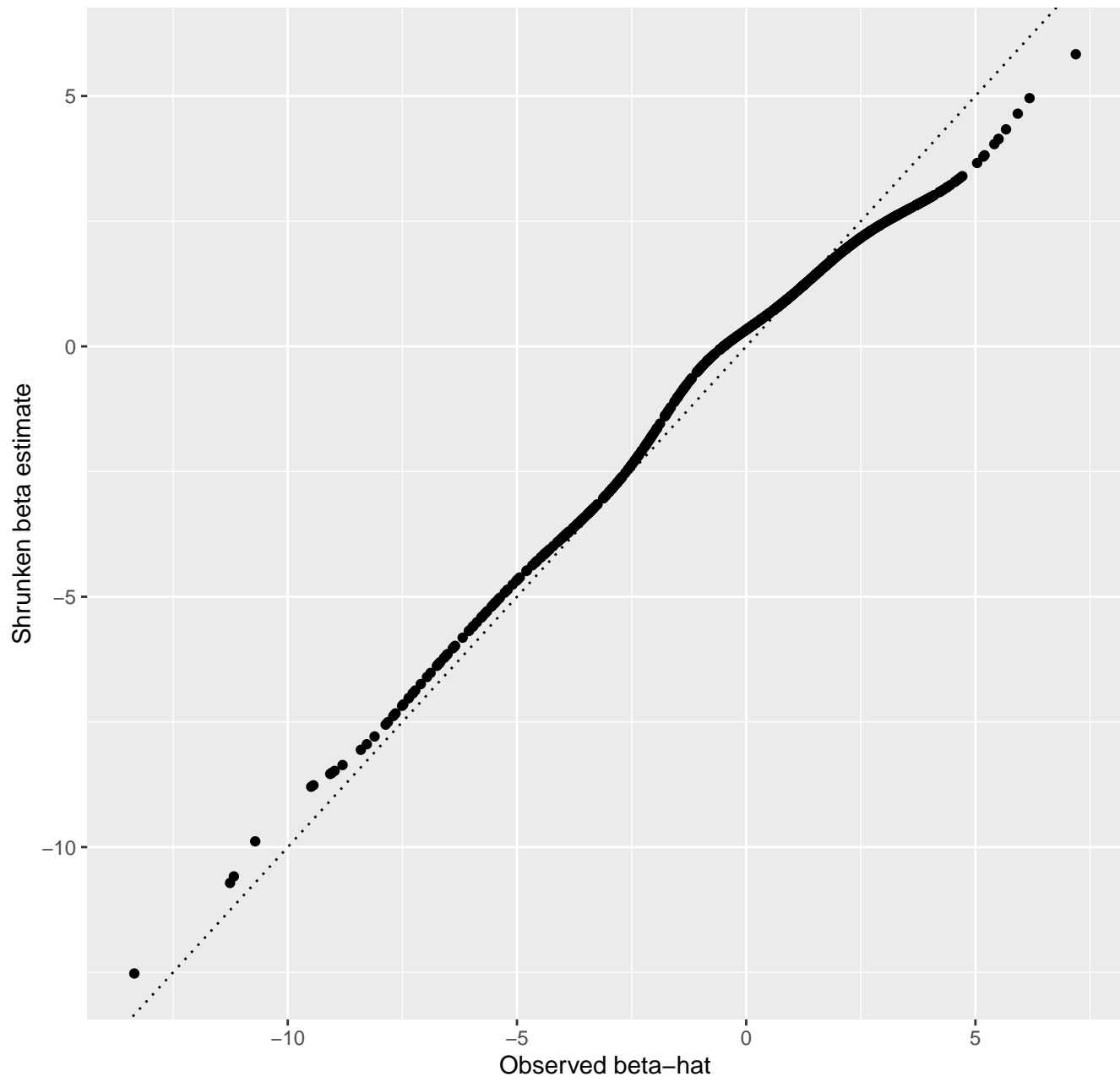
TYMS\_(7298) negative



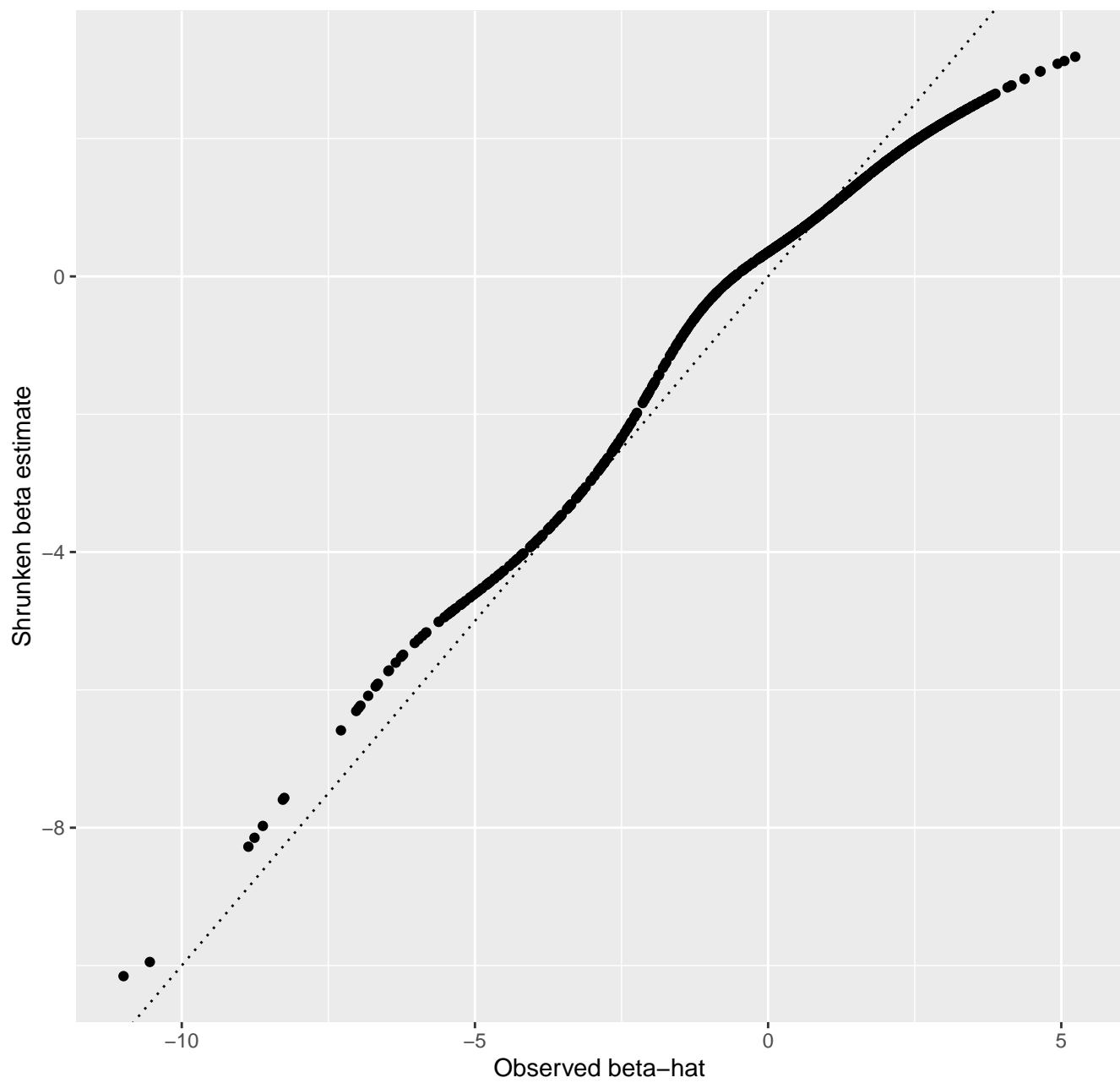
NMNAT1\_(64802) negative



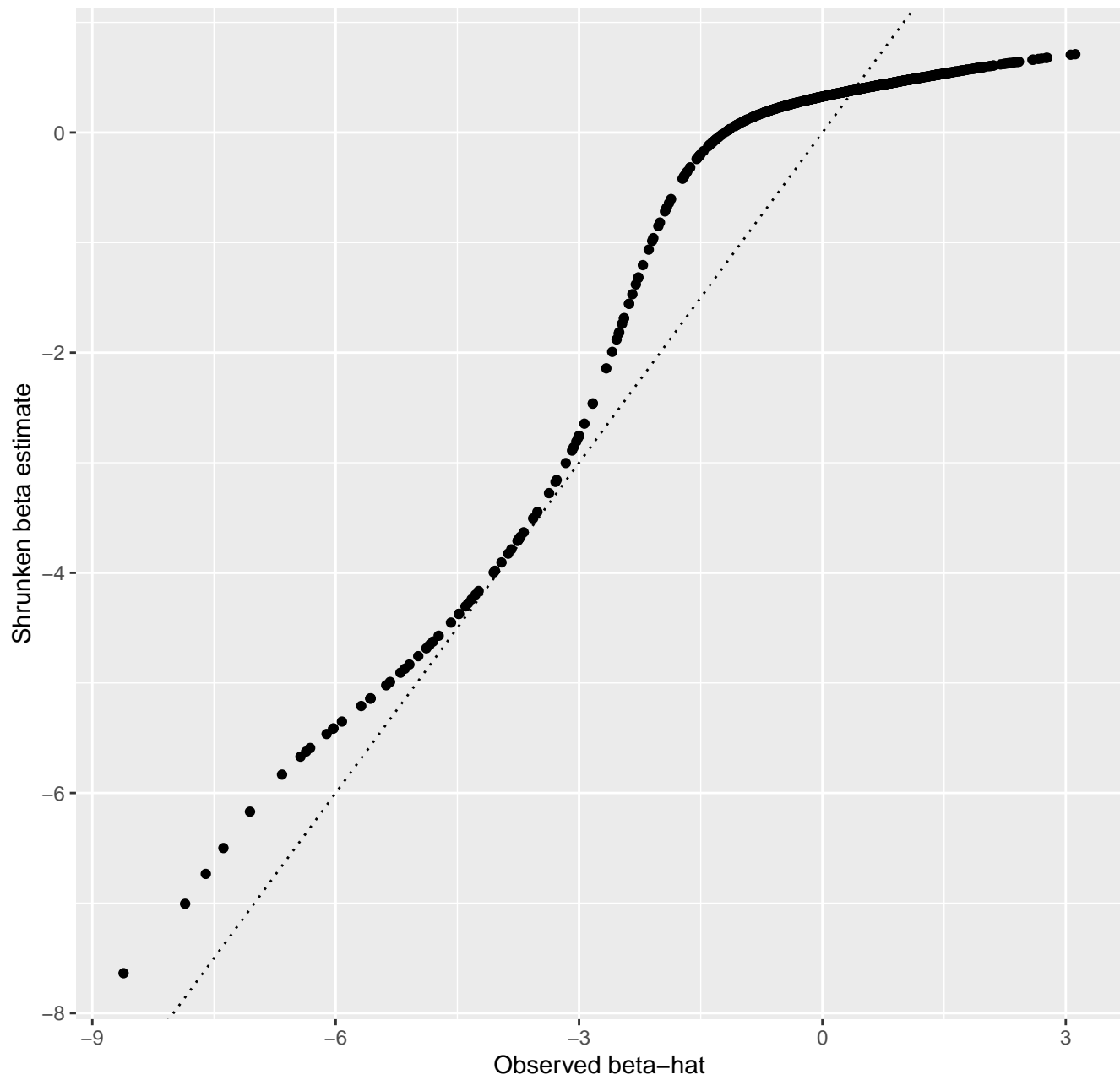
NXT1\_(29107) negative



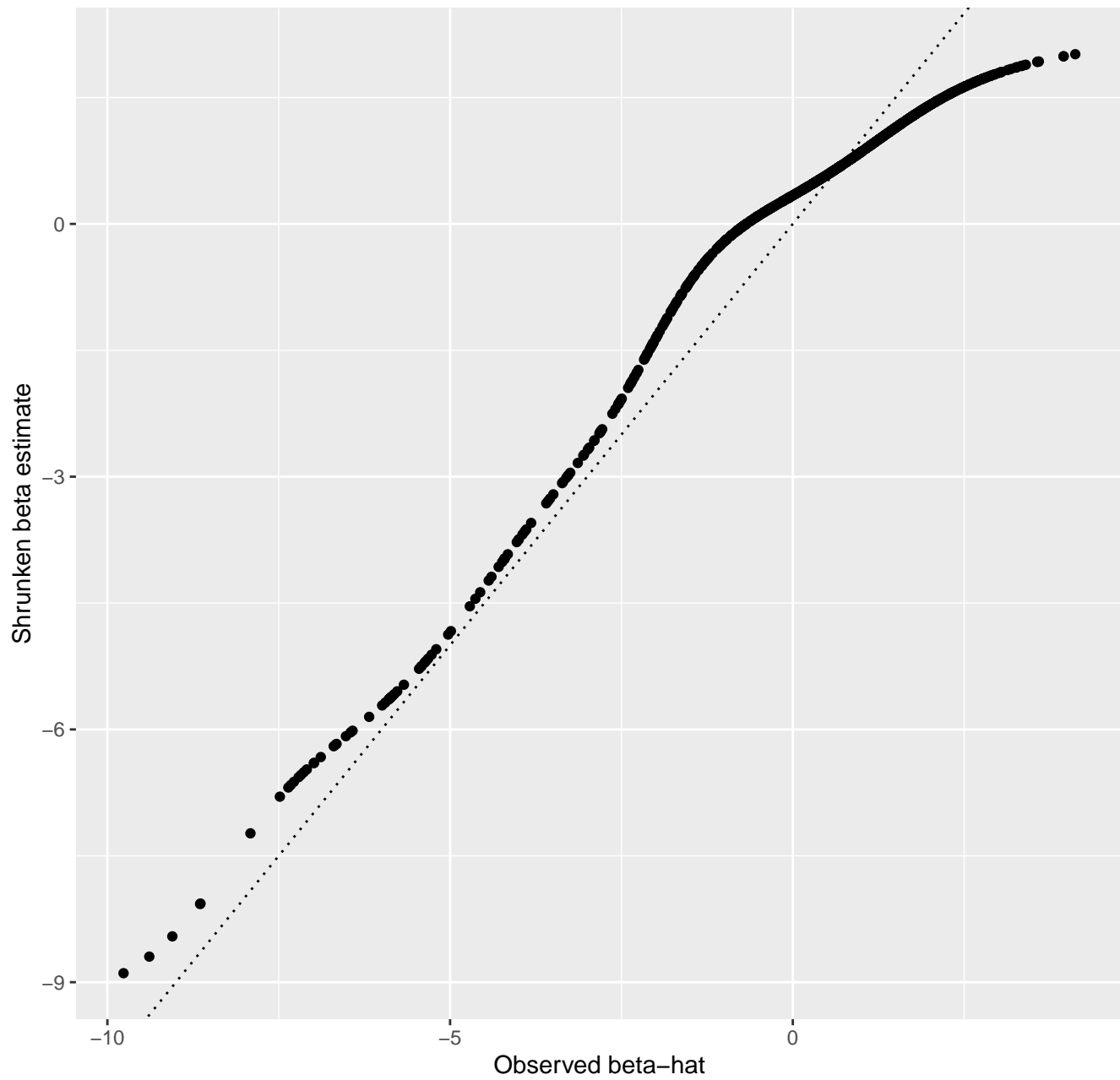
MARCH5\_(54708) negative



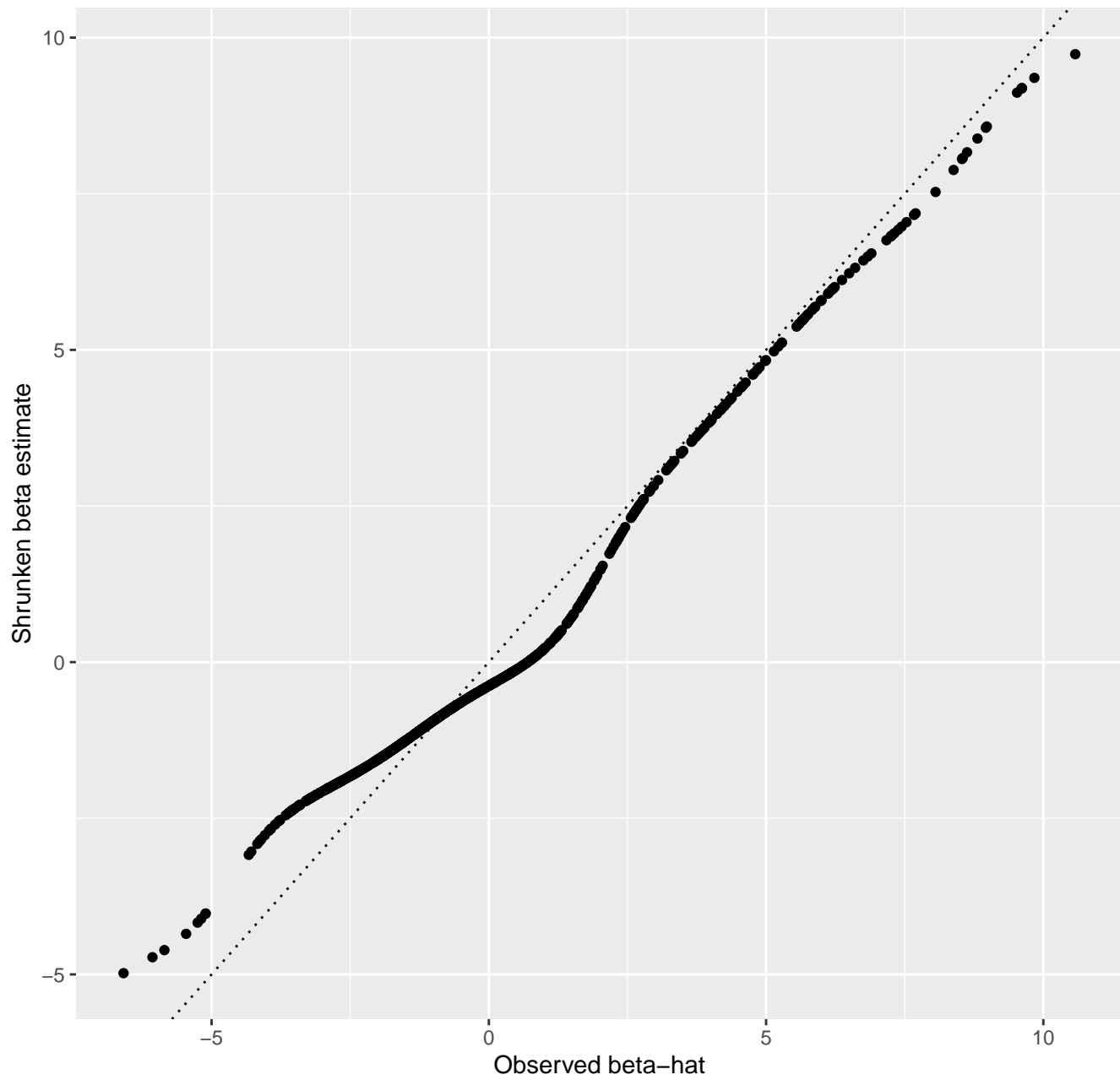
PRDX1\_(5052) negative



TUBB4B\_(10383) negative

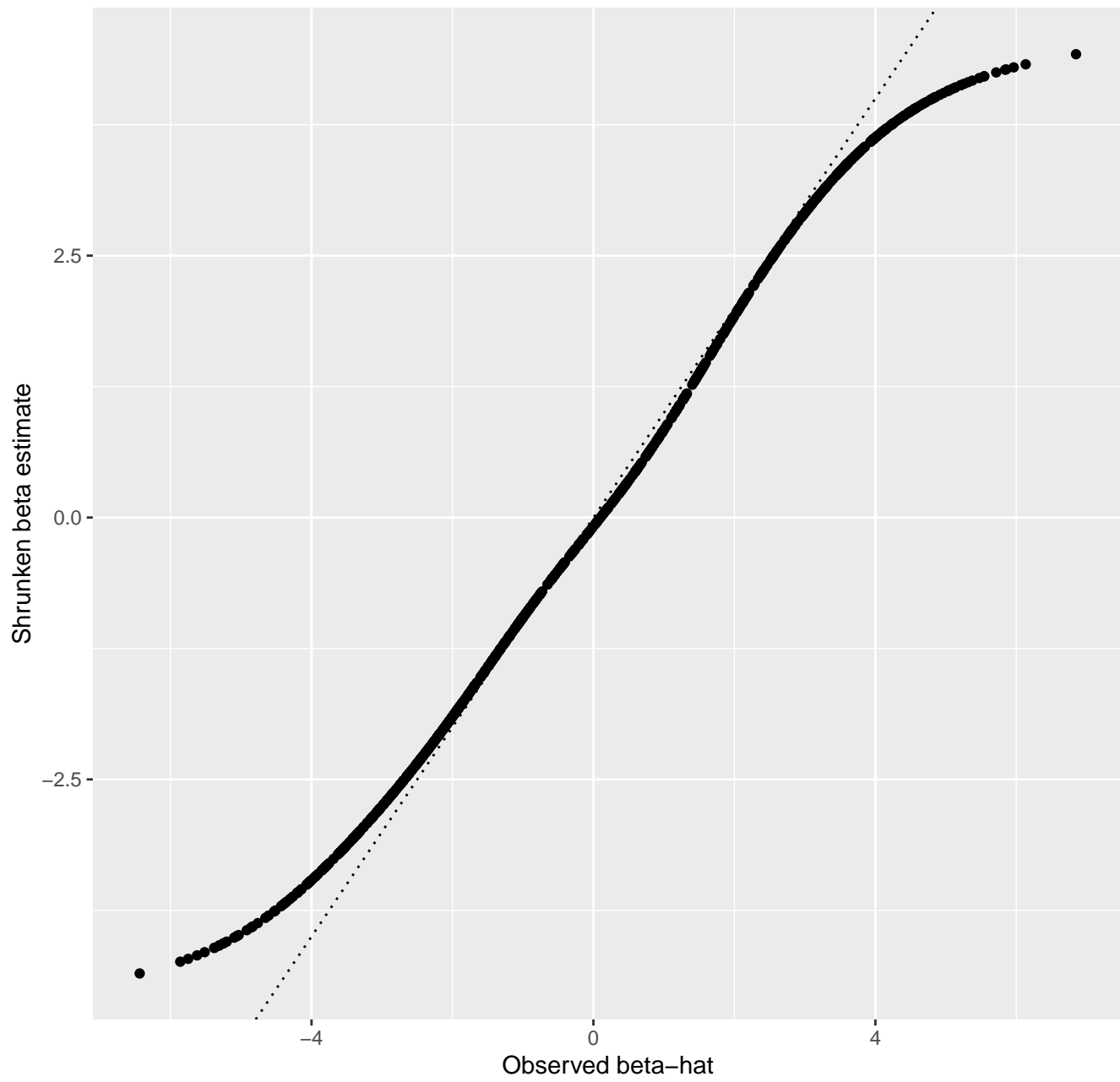


EIF1AX\_(1964) positive

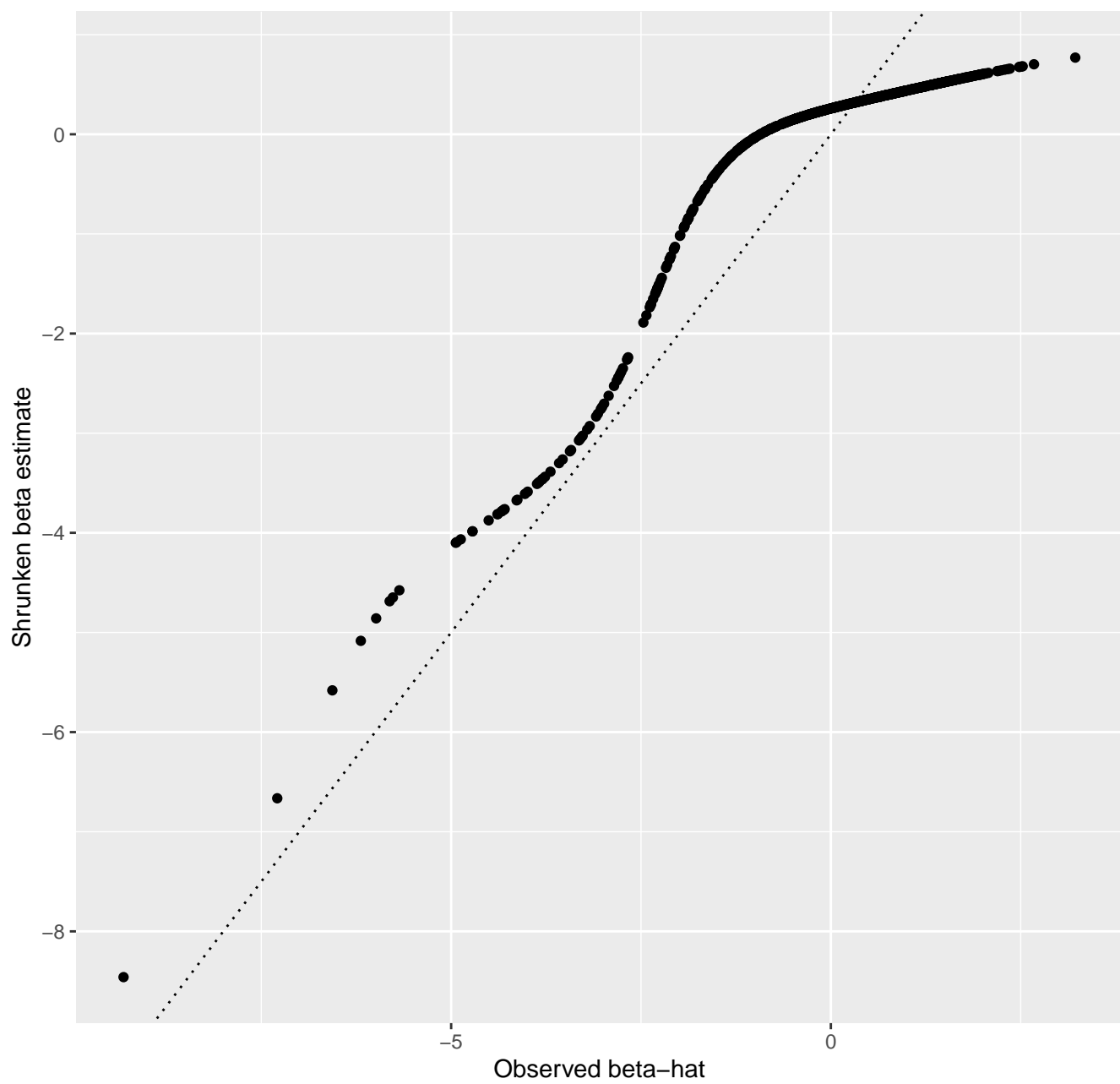




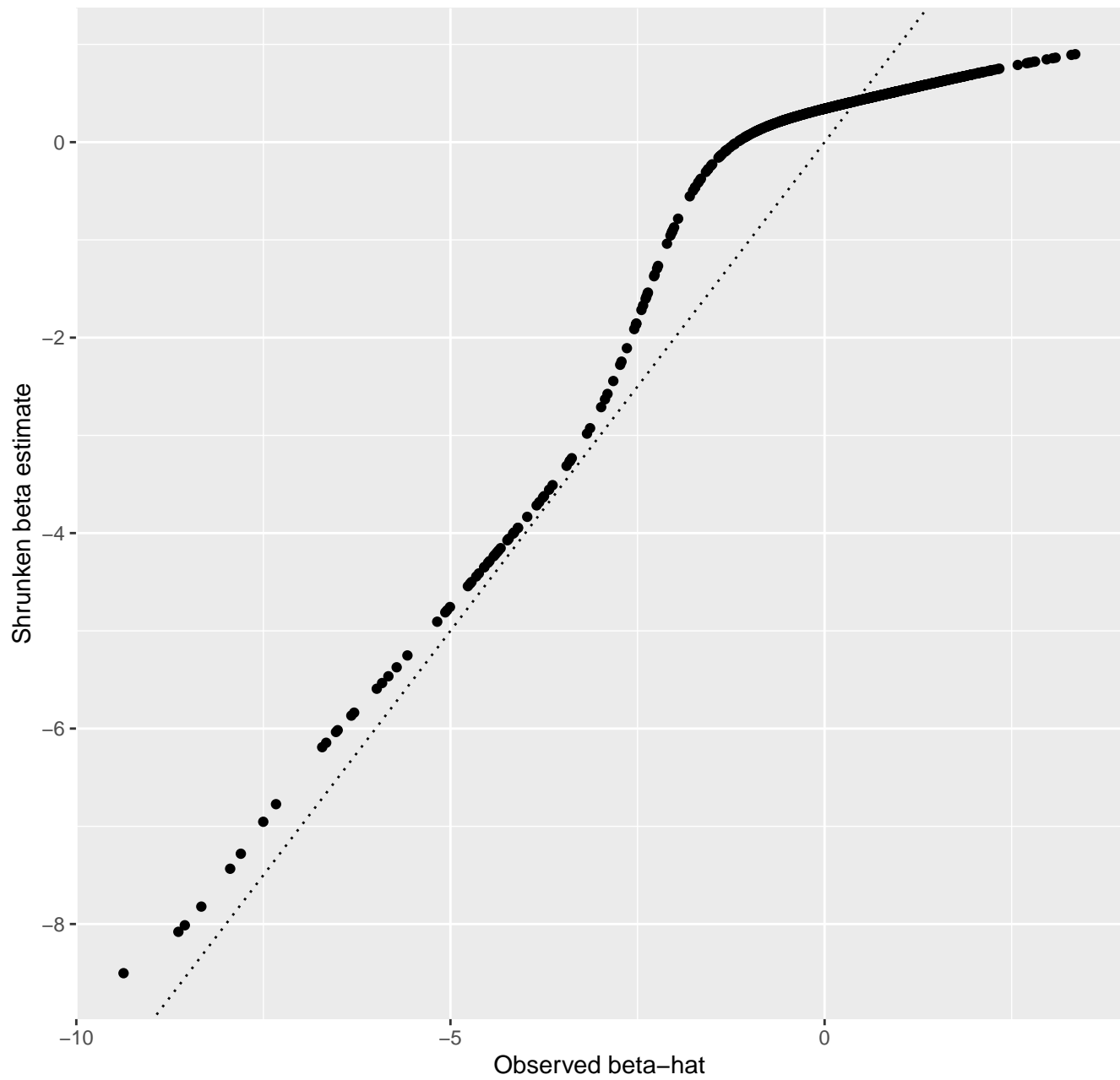
GPX4\_(2879) positive



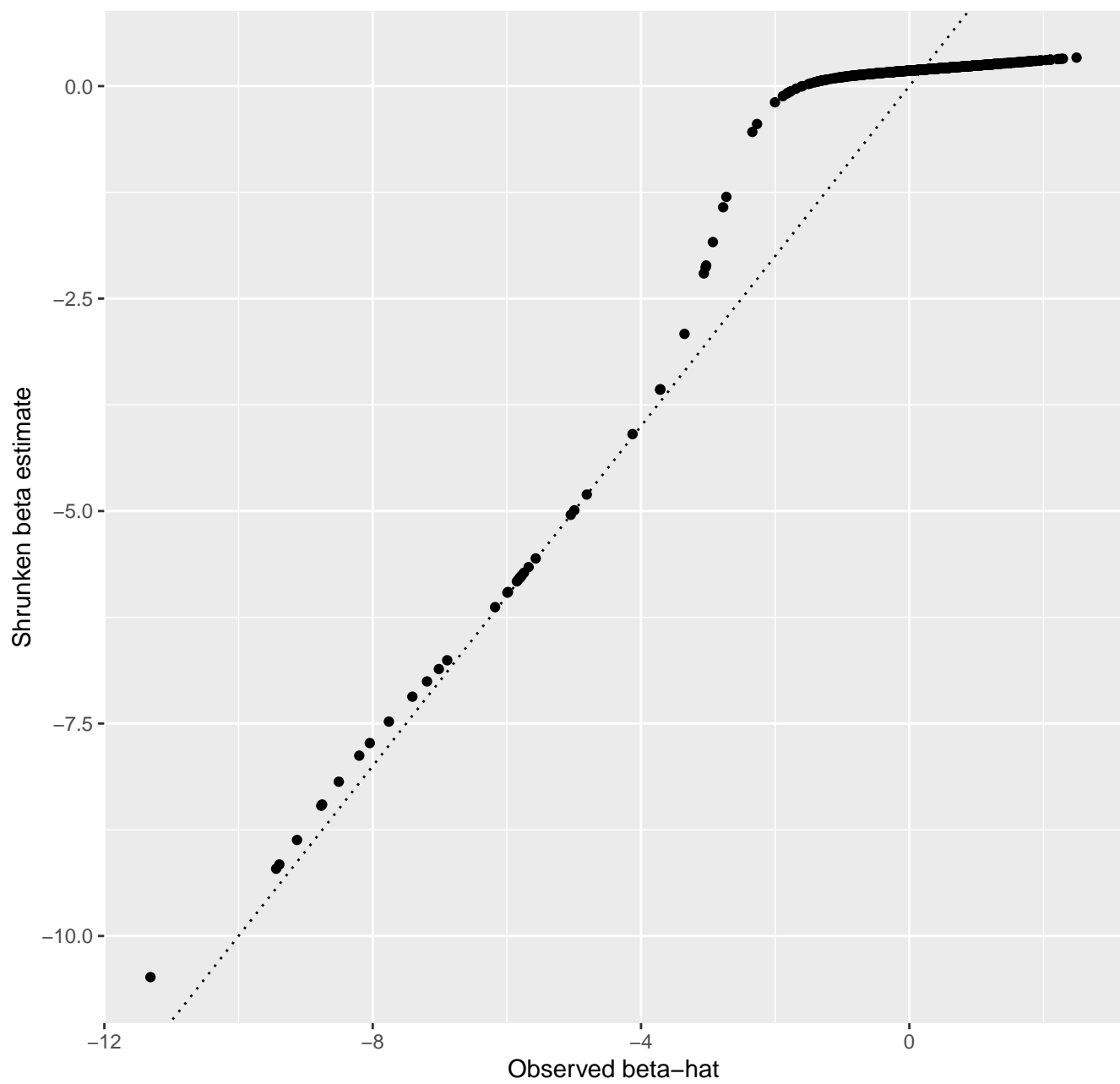
GAB1\_(2549) negative



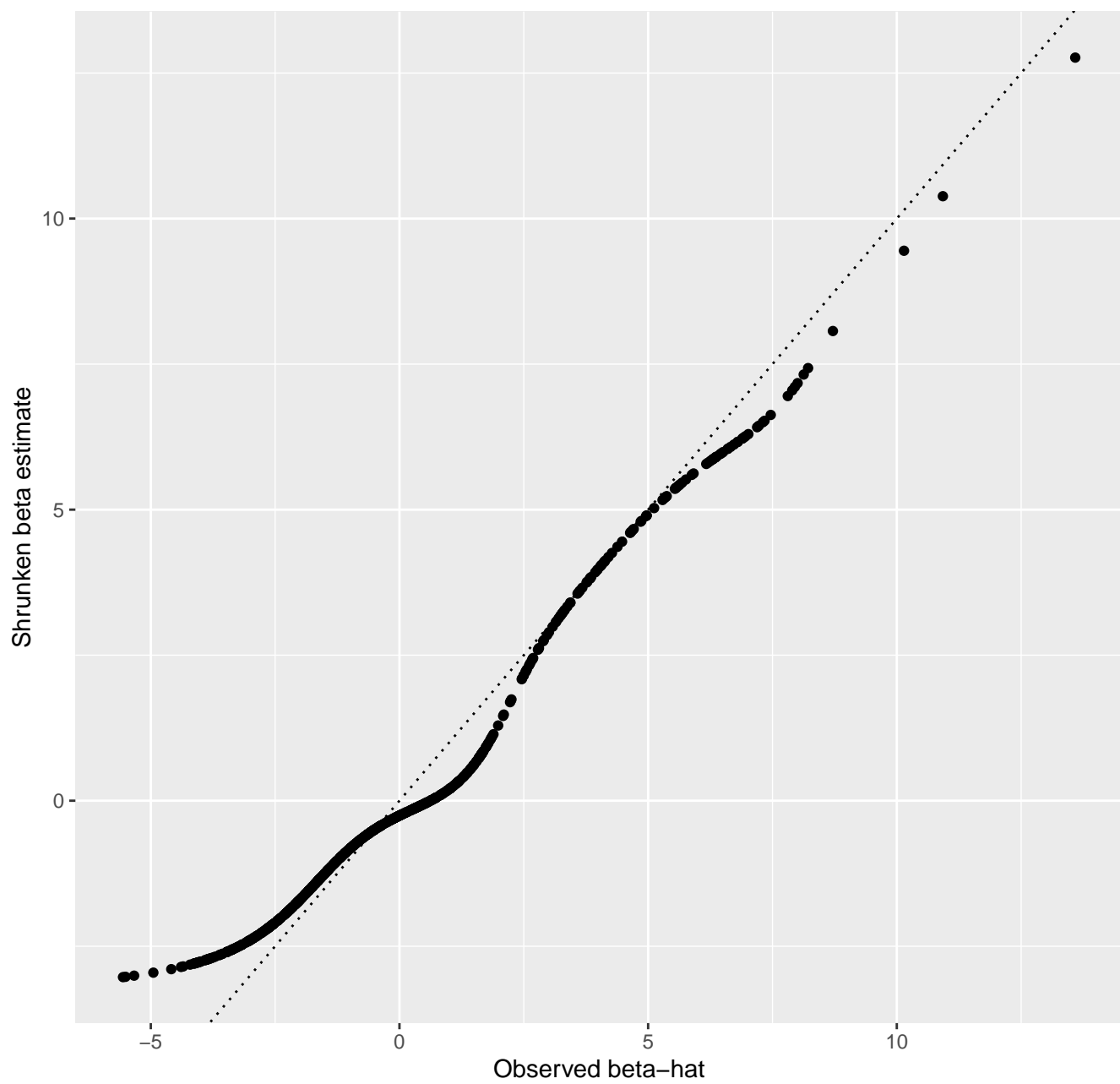
ATP6V0E1\_(8992) negative



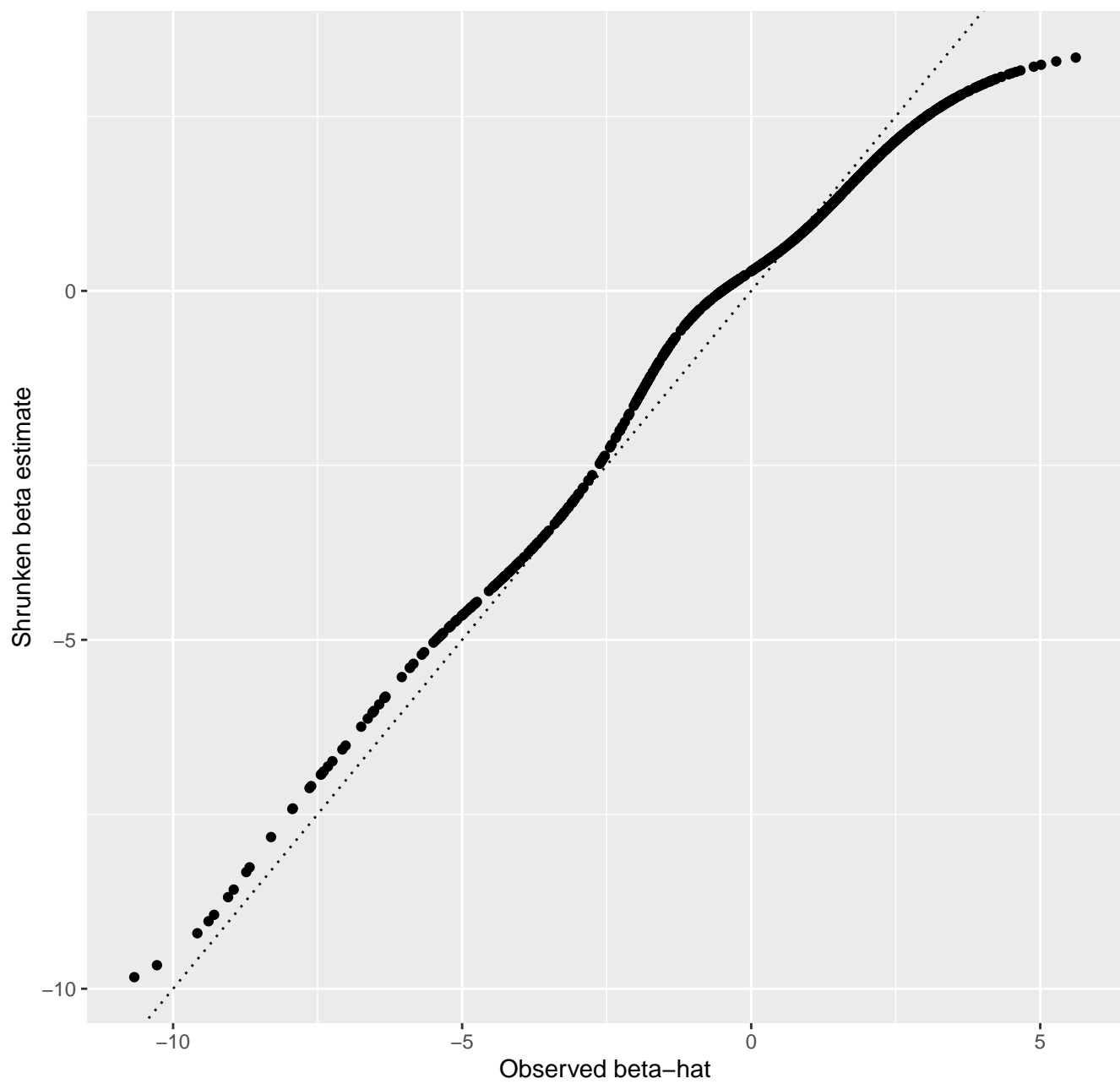
SMARCA2\_(6595) negative



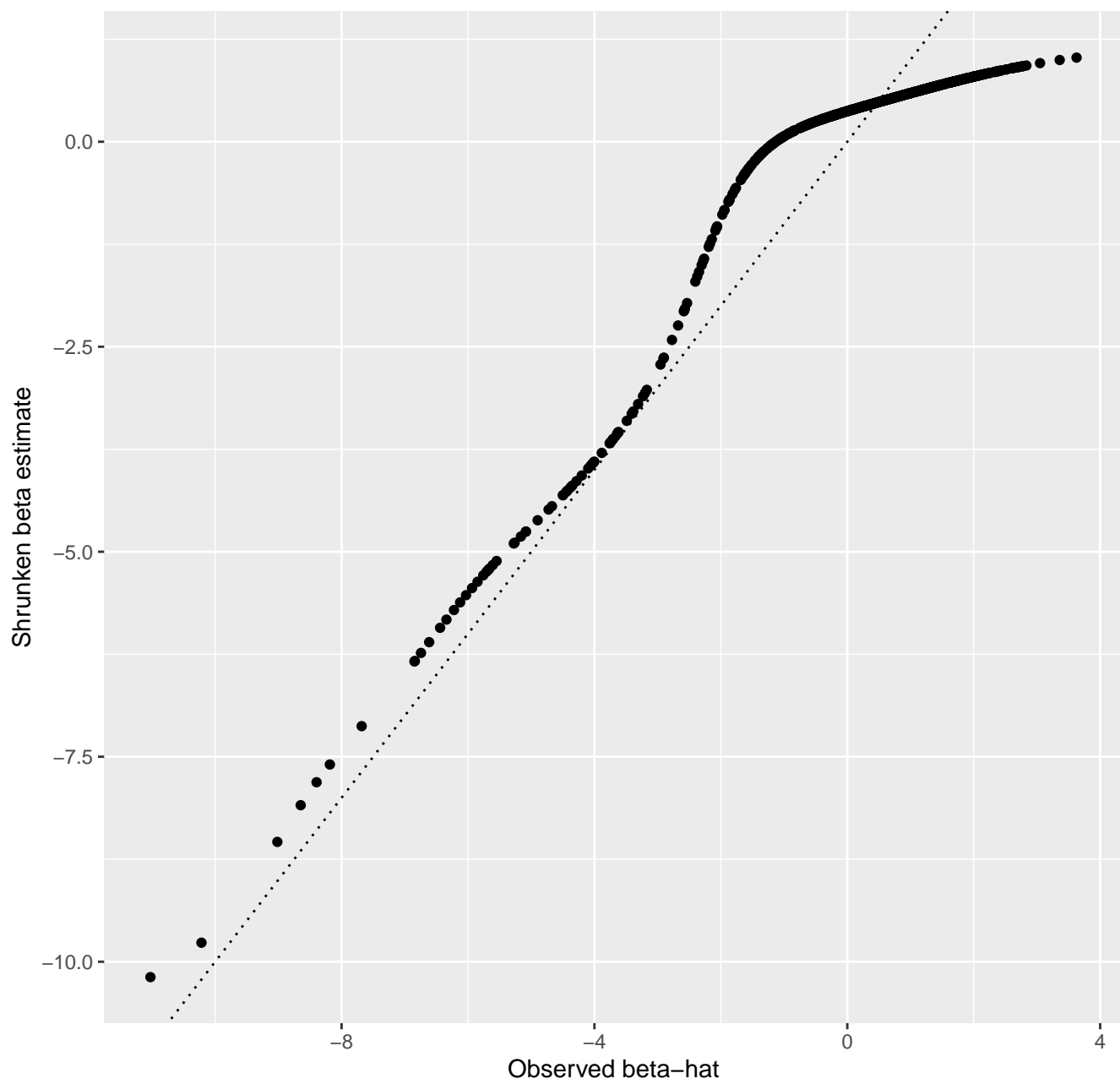
DDX3X\_(1654) positive



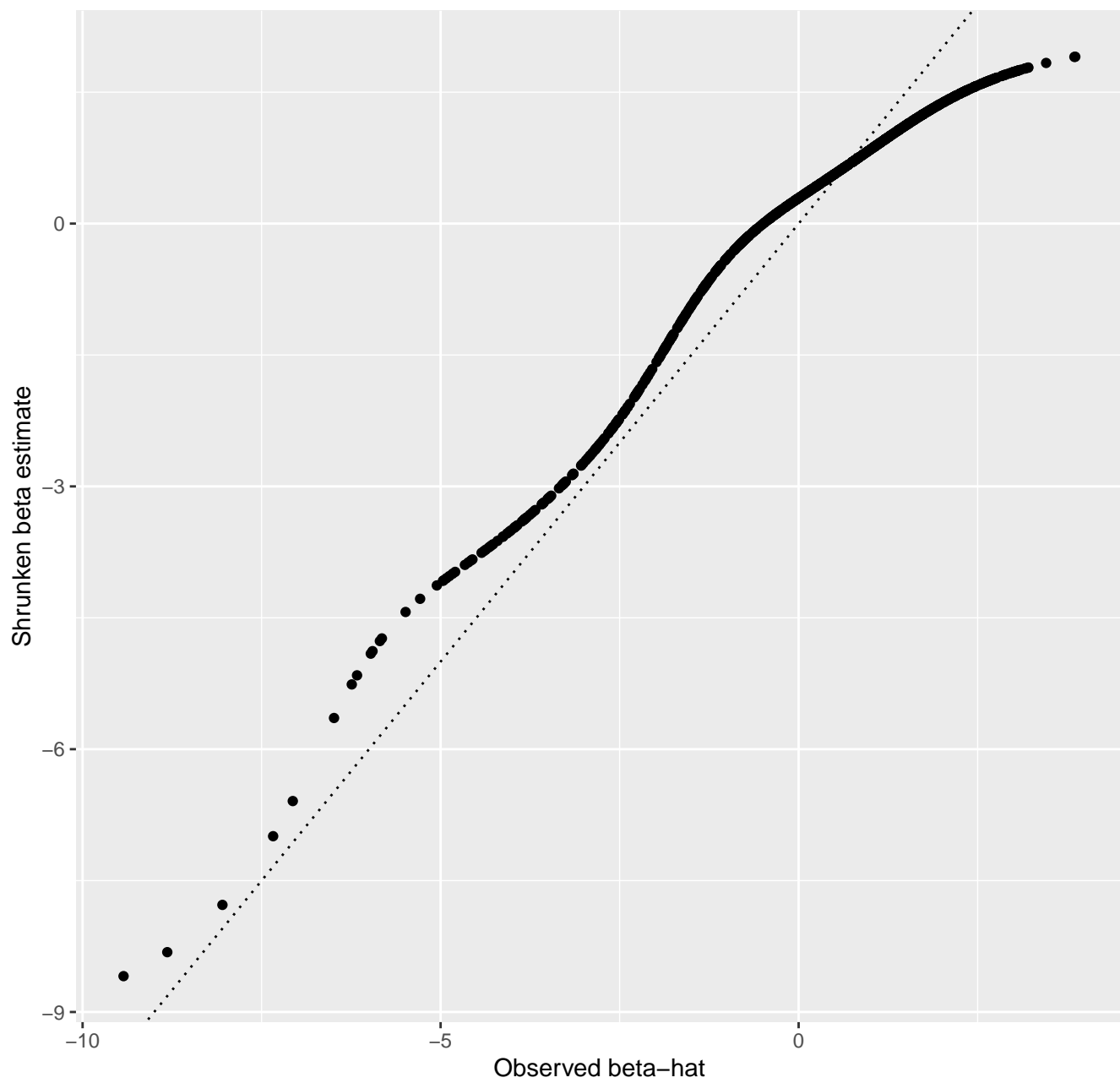
PRKRA\_(8575) negative



CCND3\_(896) negative

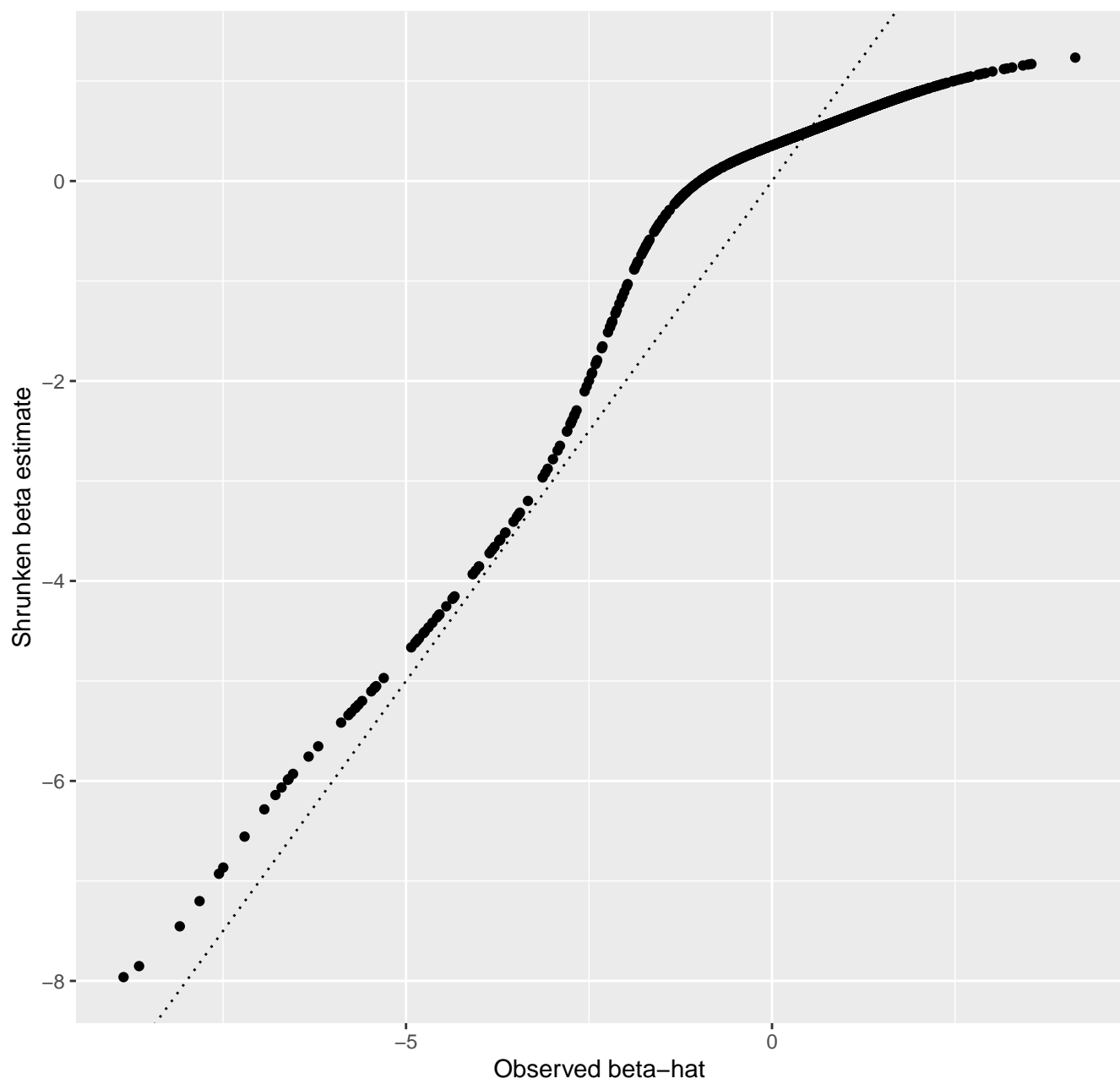


PIK3CA\_(5290) negative



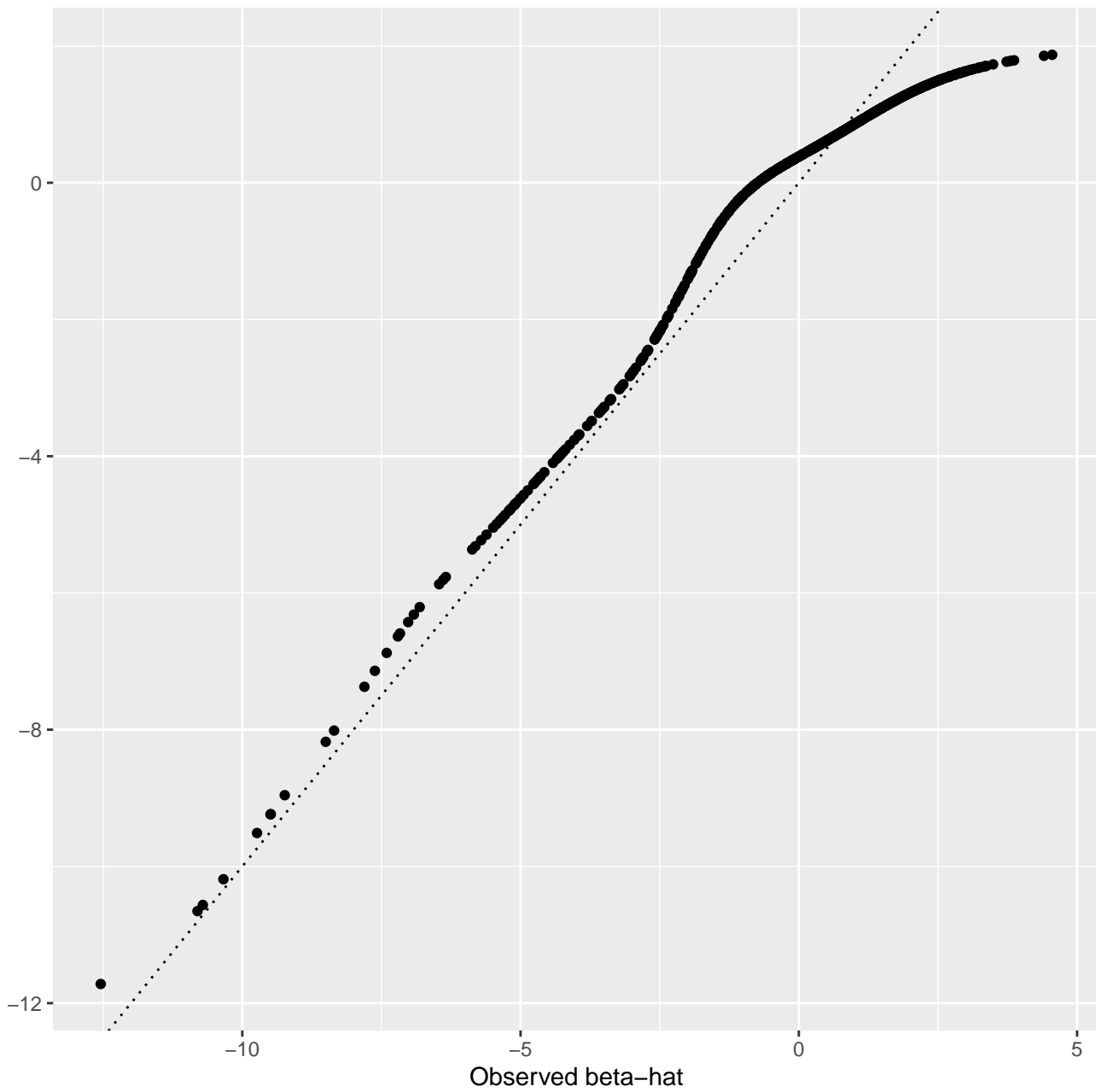


TIMM17A\_(10440) negative

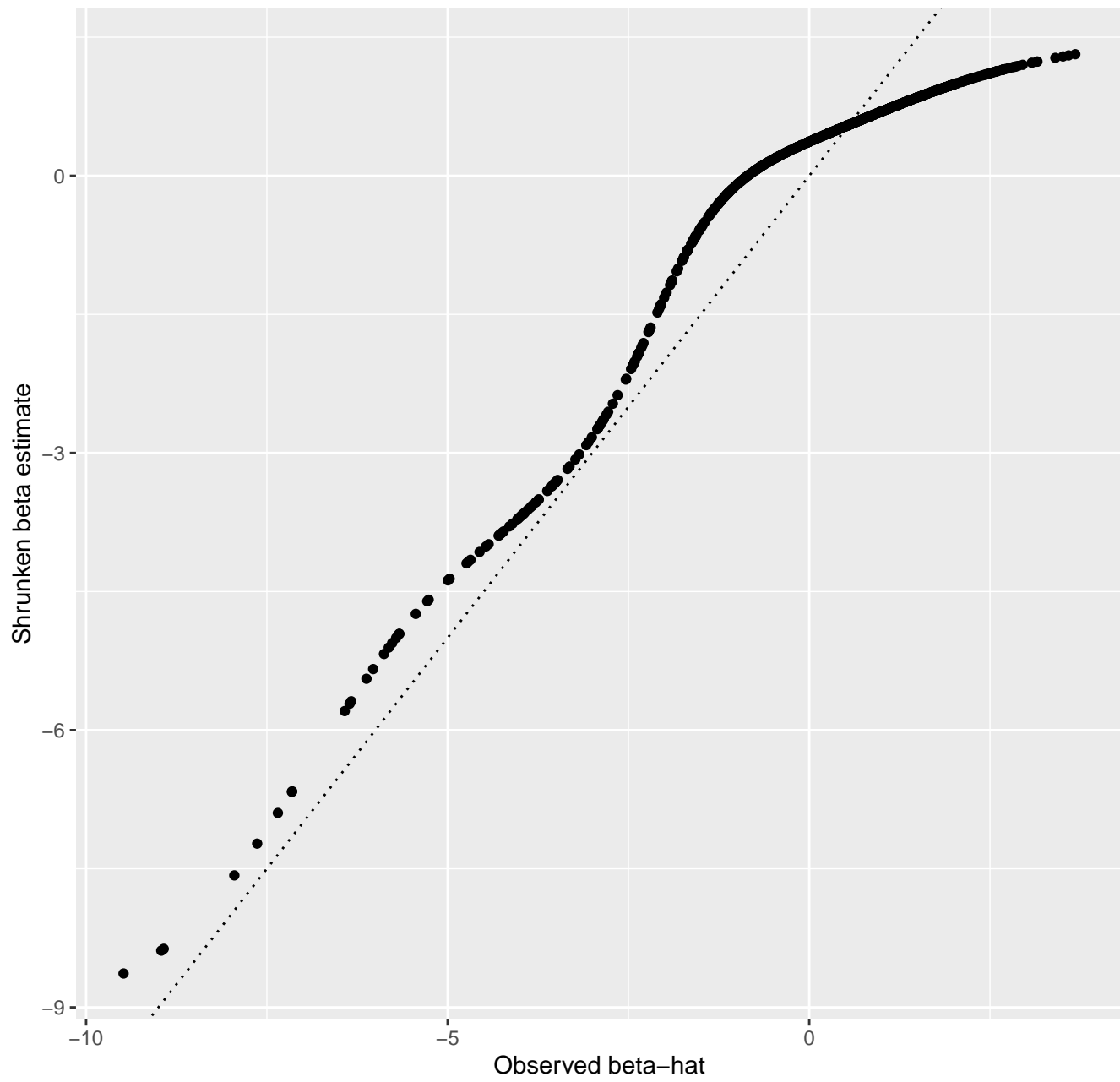


UXS1\_(80146) negative

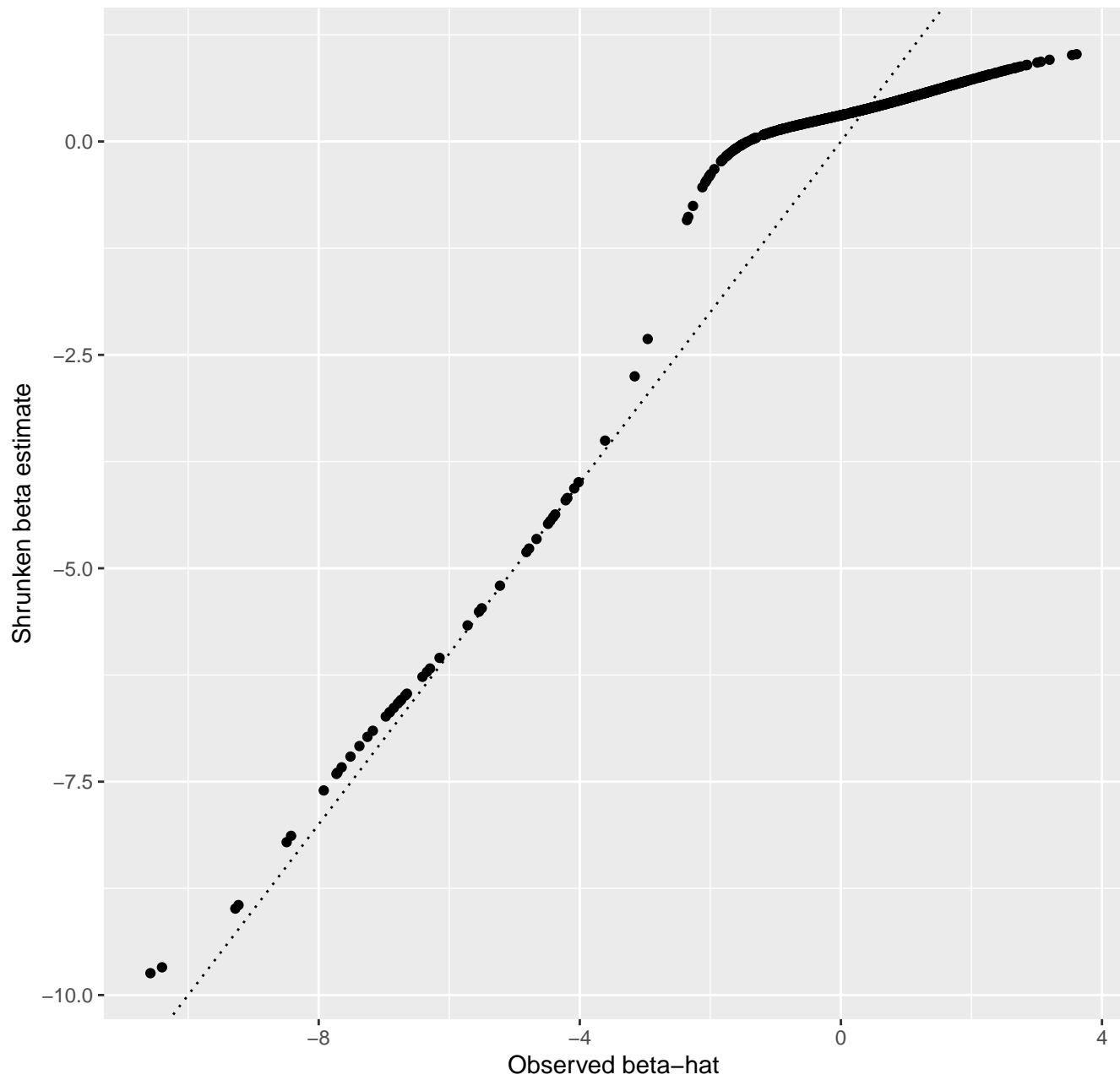
Shrunken beta estimate



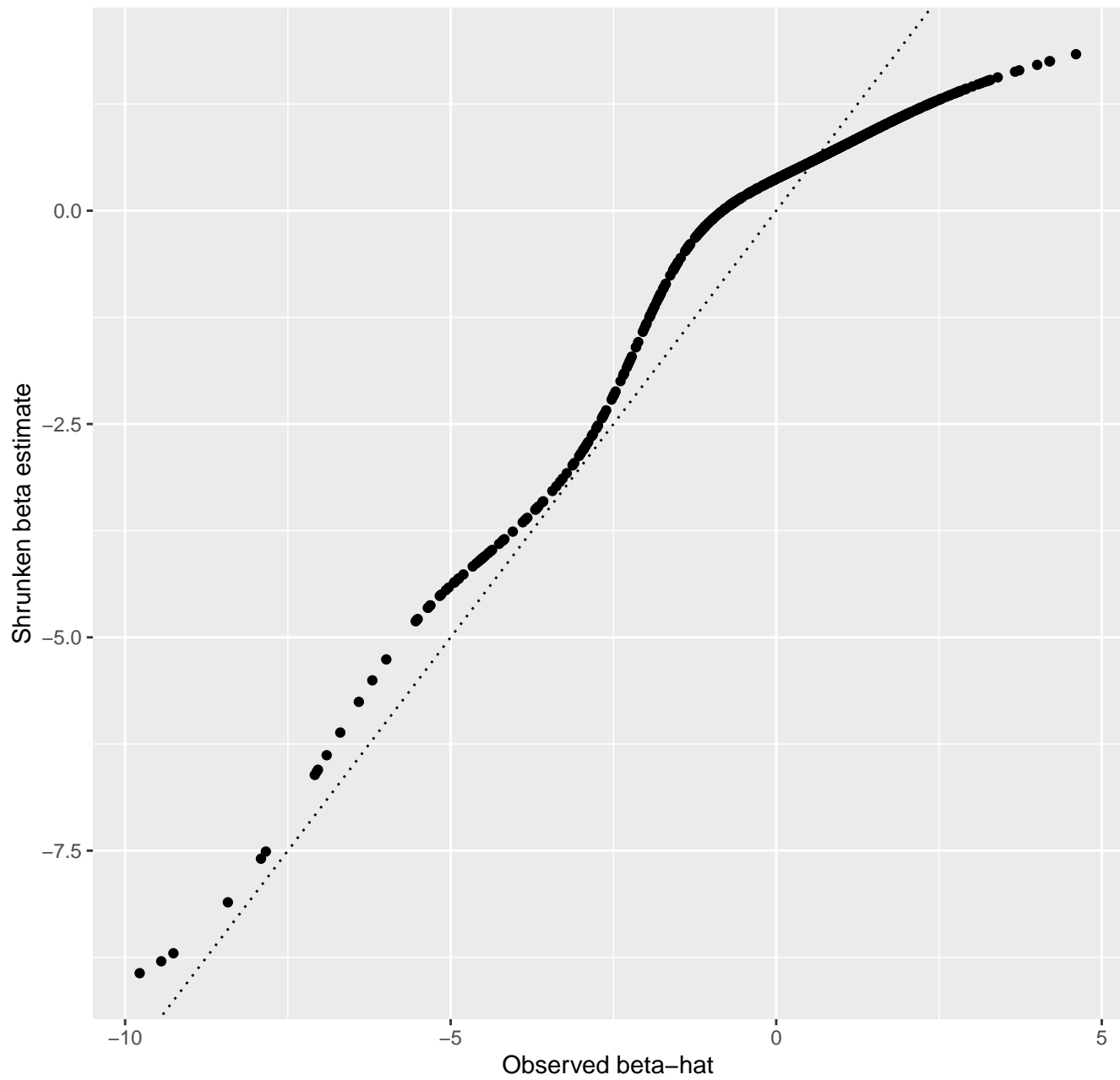
FIS1\_(51024) negative



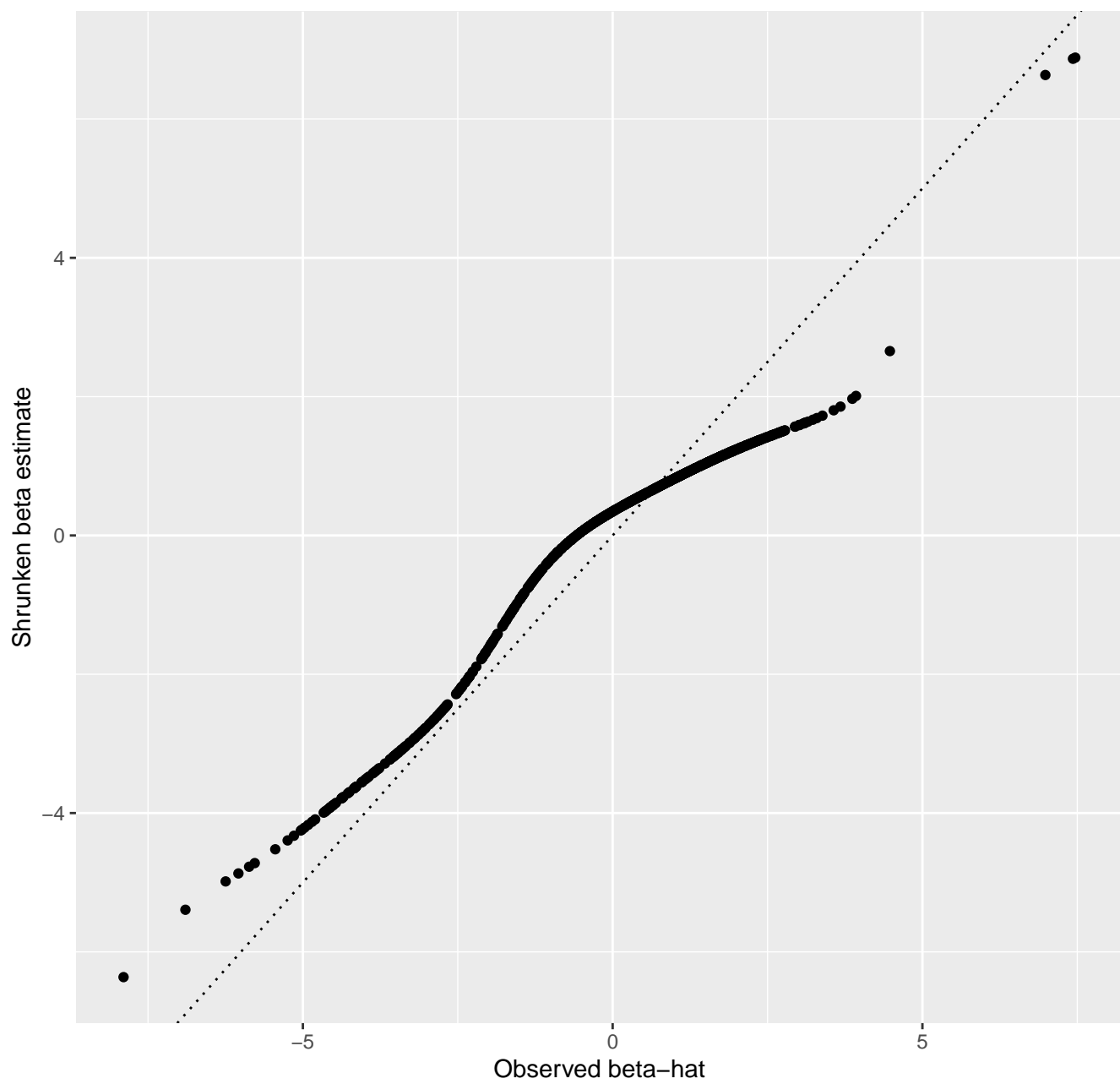
SOX10\_(6663) negative



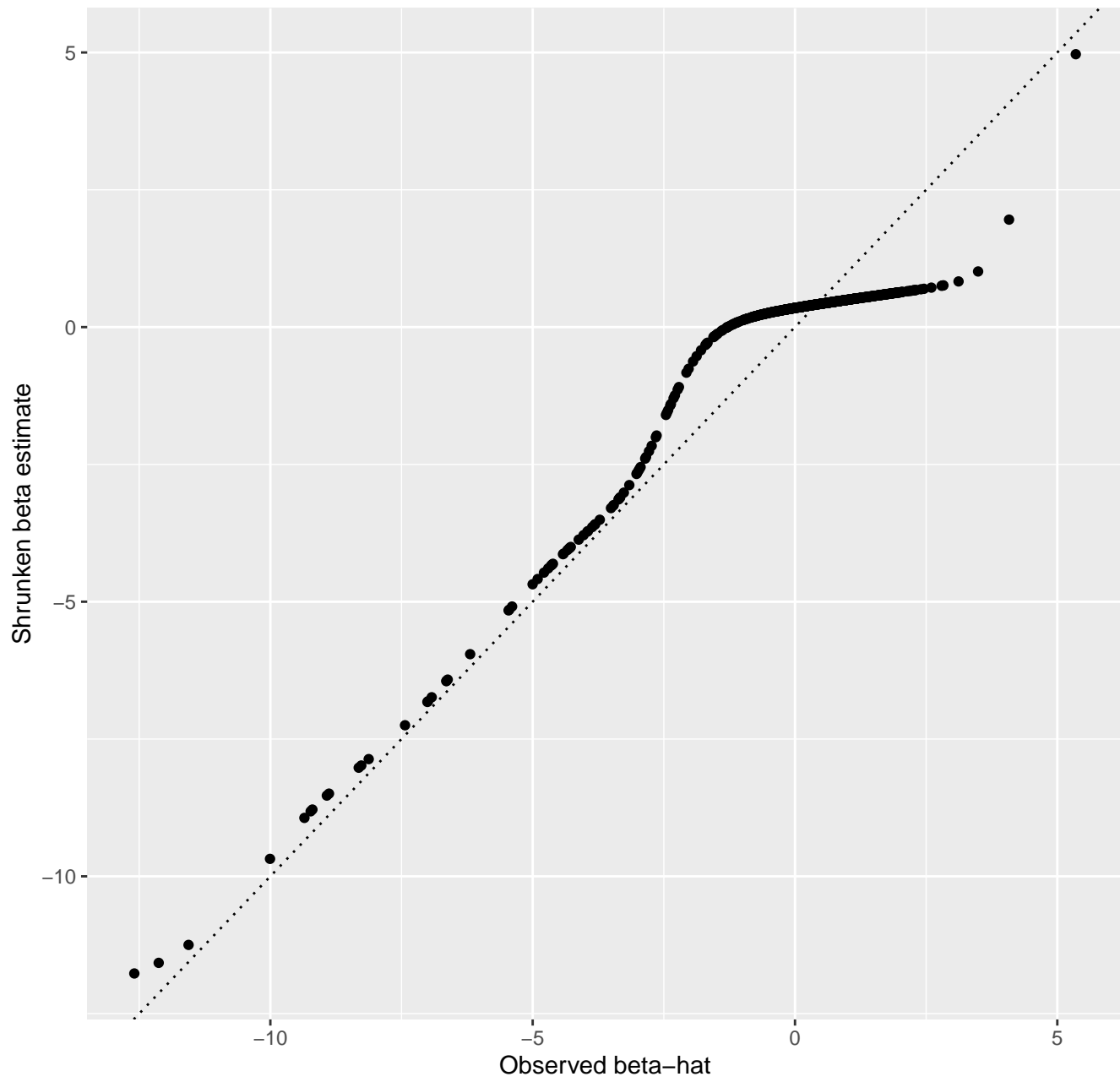
RAF1\_(5894) negative



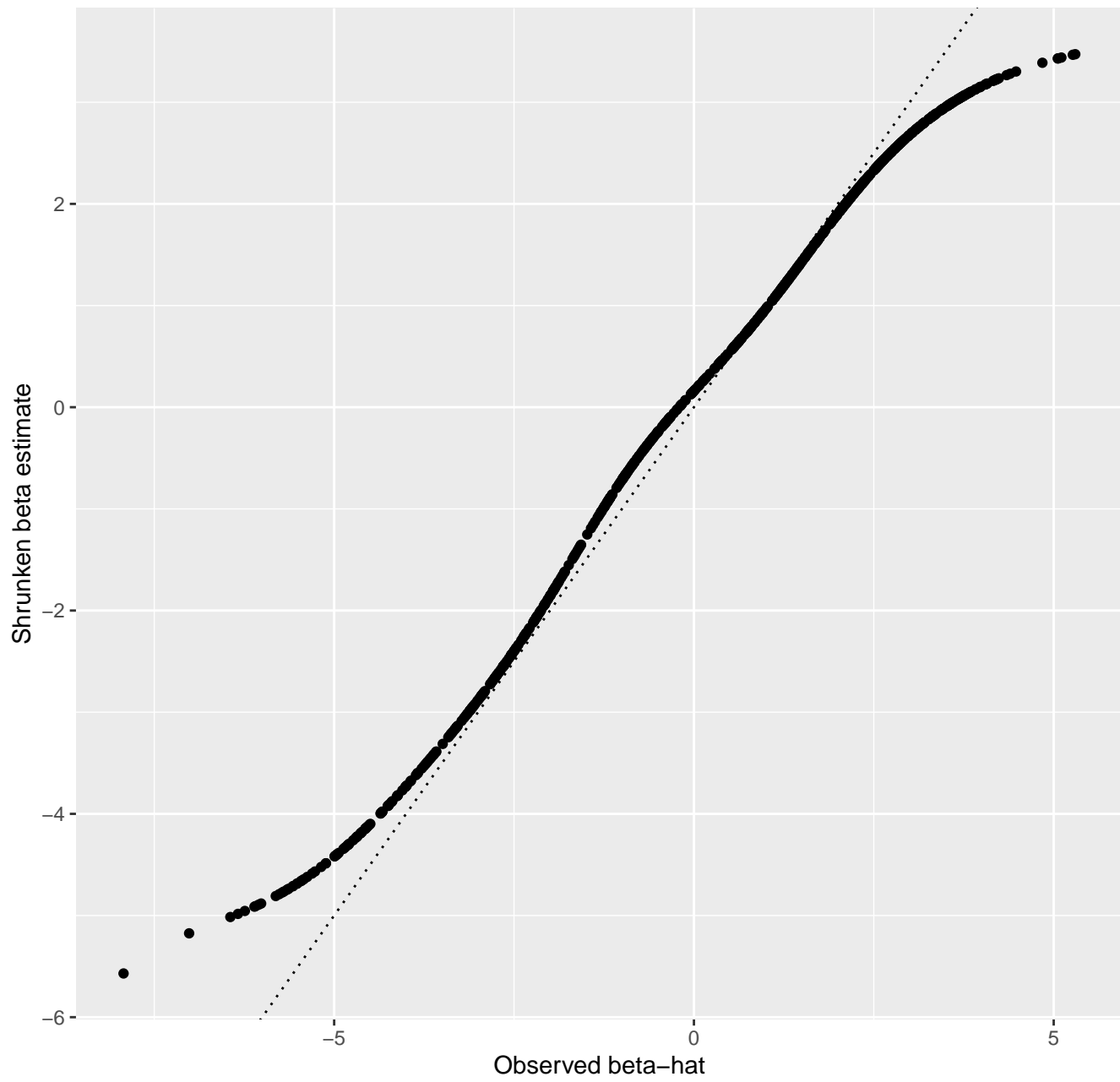
PRKAR1A\_(5573) negative



DUSP4\_(1846) negative

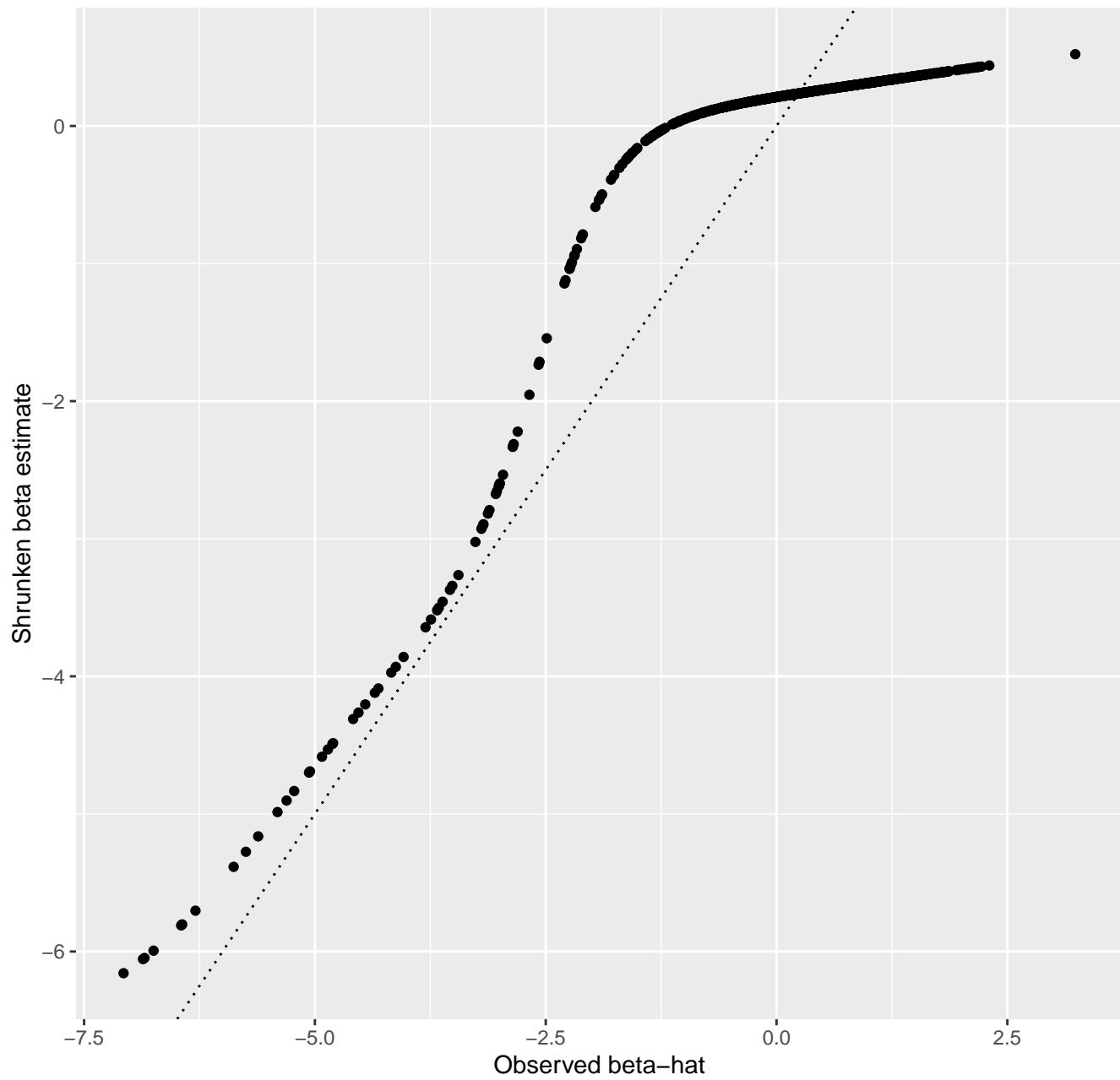


EFR3A\_(23167) positive





ERBB3\_(2065) negative



ERBB2\_(2064) negative

Shrunken beta estimate

0.0

-2.5

-5.0

-7.5

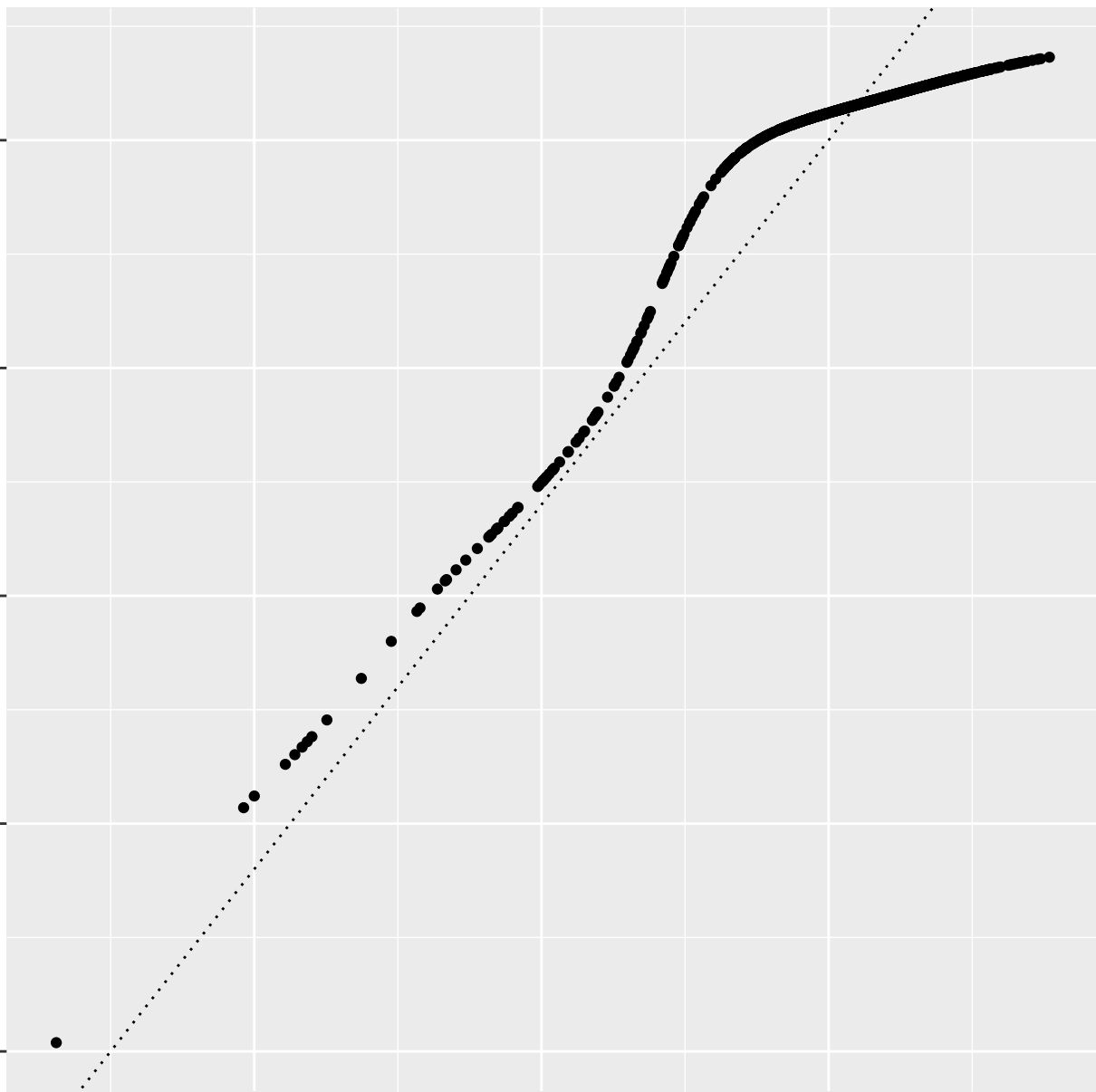
-10.0

Observed beta-hat

-8

-4

0



YIPF5\_(81555) negative

Shrunken beta estimate

0

-2

-4

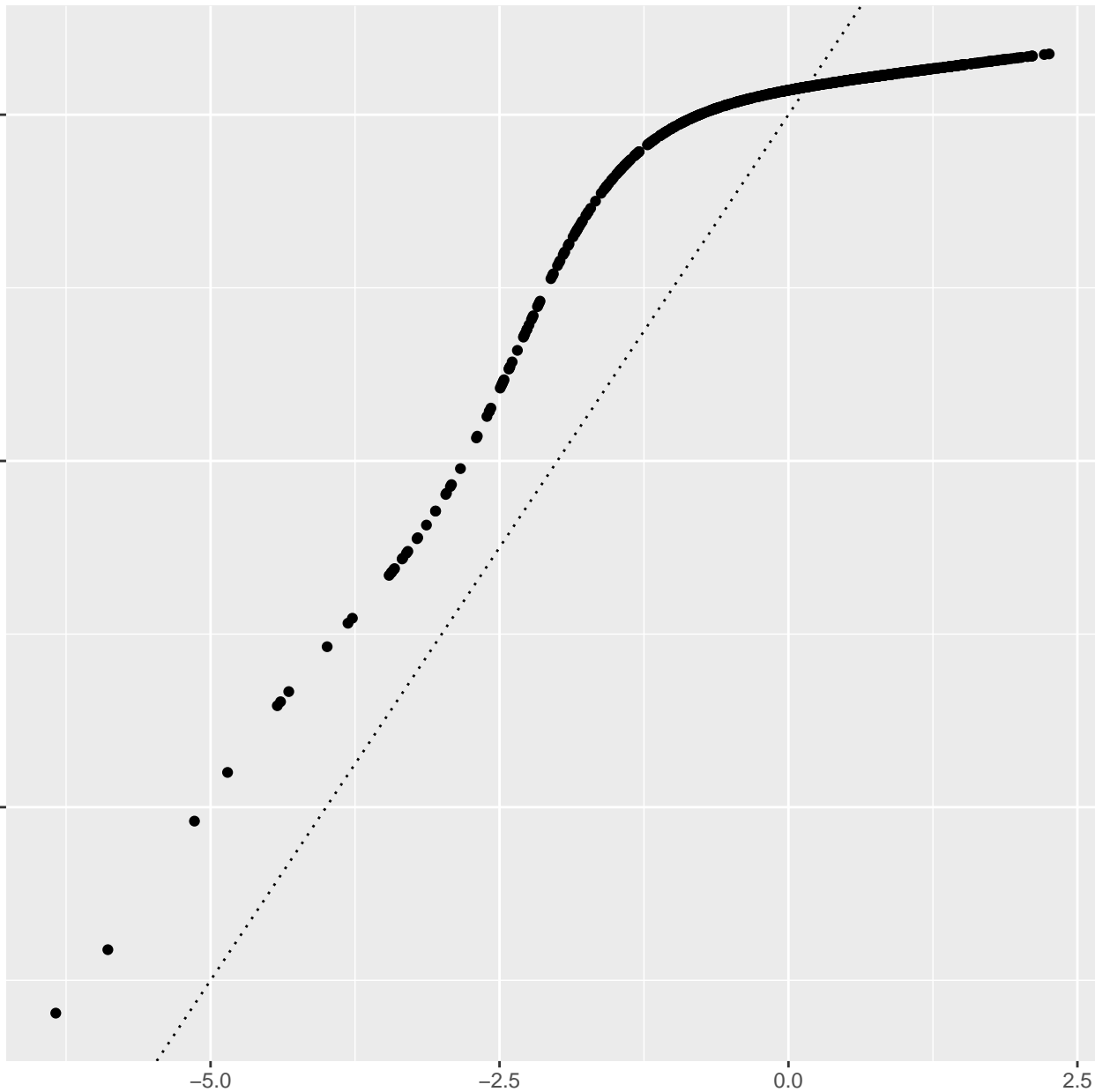
Observed beta-hat

-5.0

-2.5

0.0

2.5



CDH2\_(1000) negative

Shrunken beta estimate

5

0

-5

-10

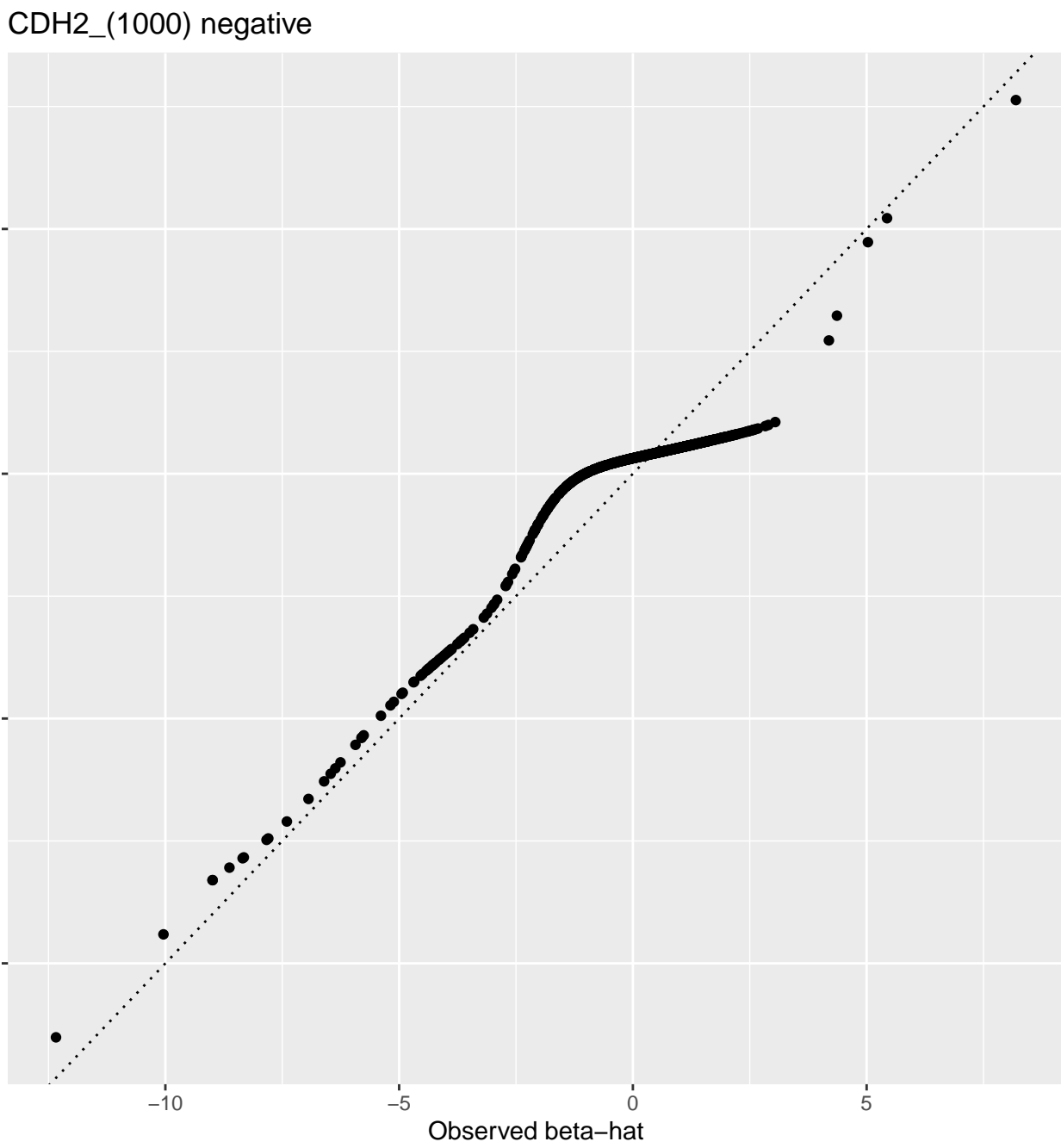
Observed beta-hat

-10

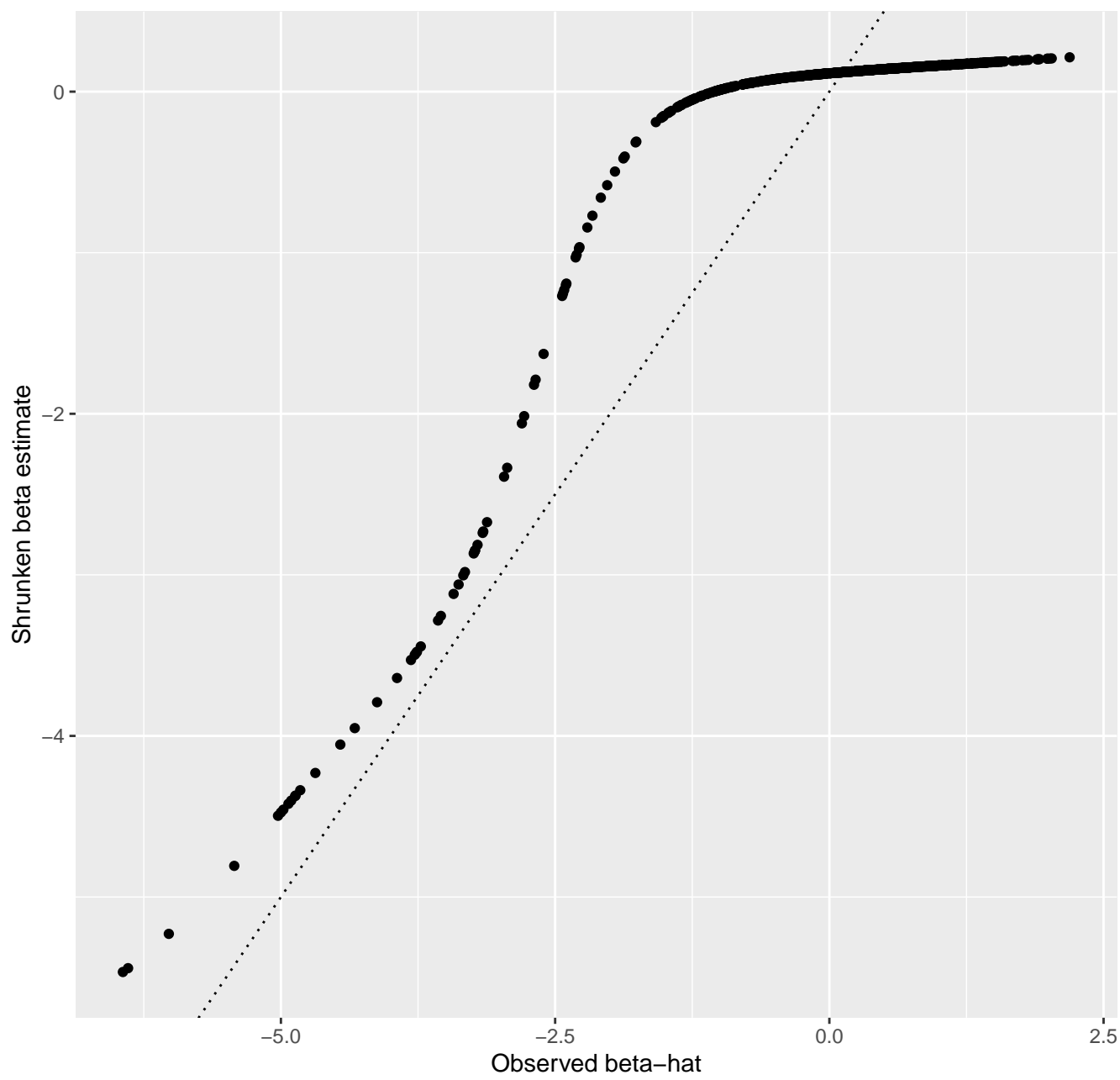
-5

0

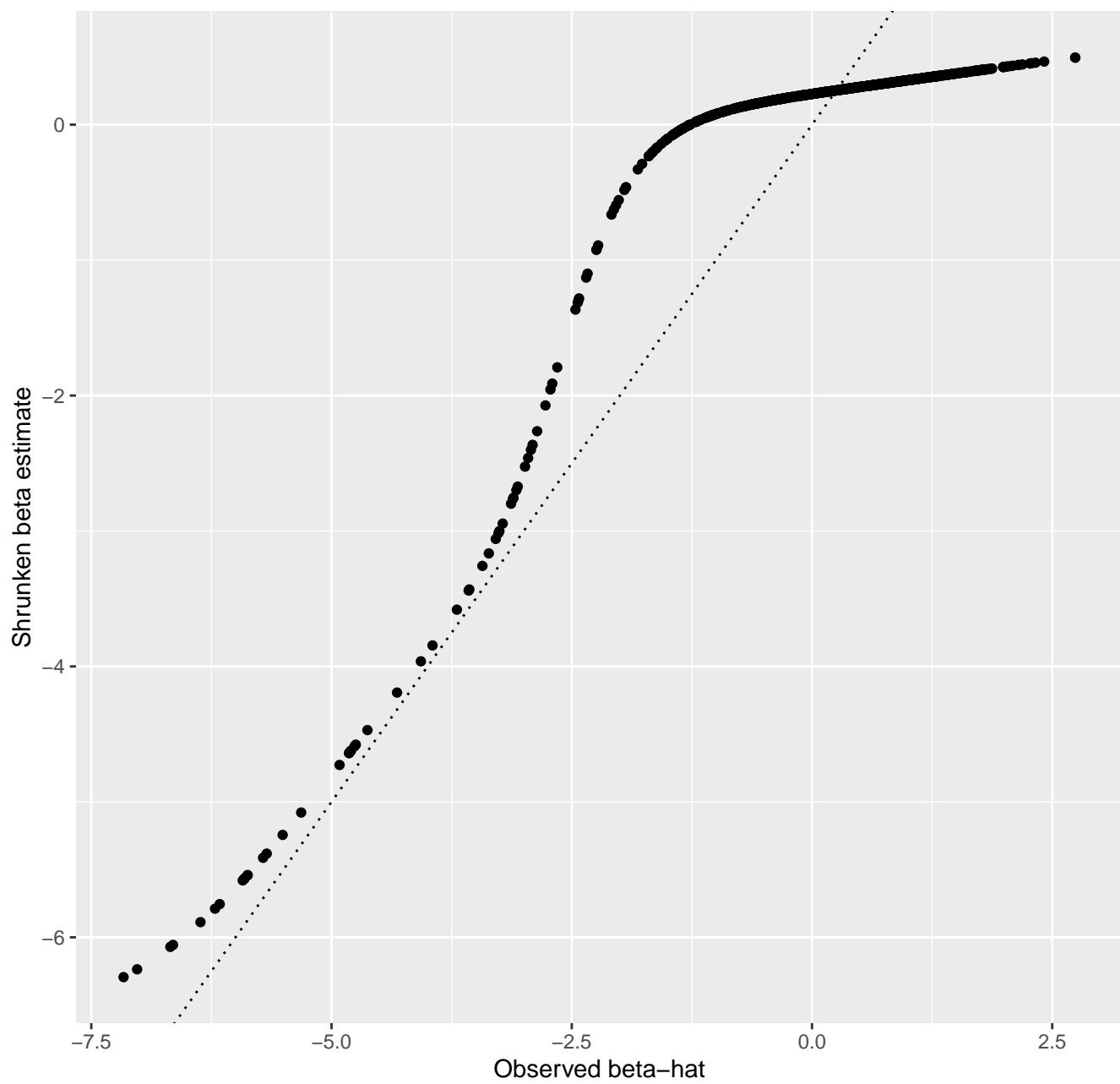
5



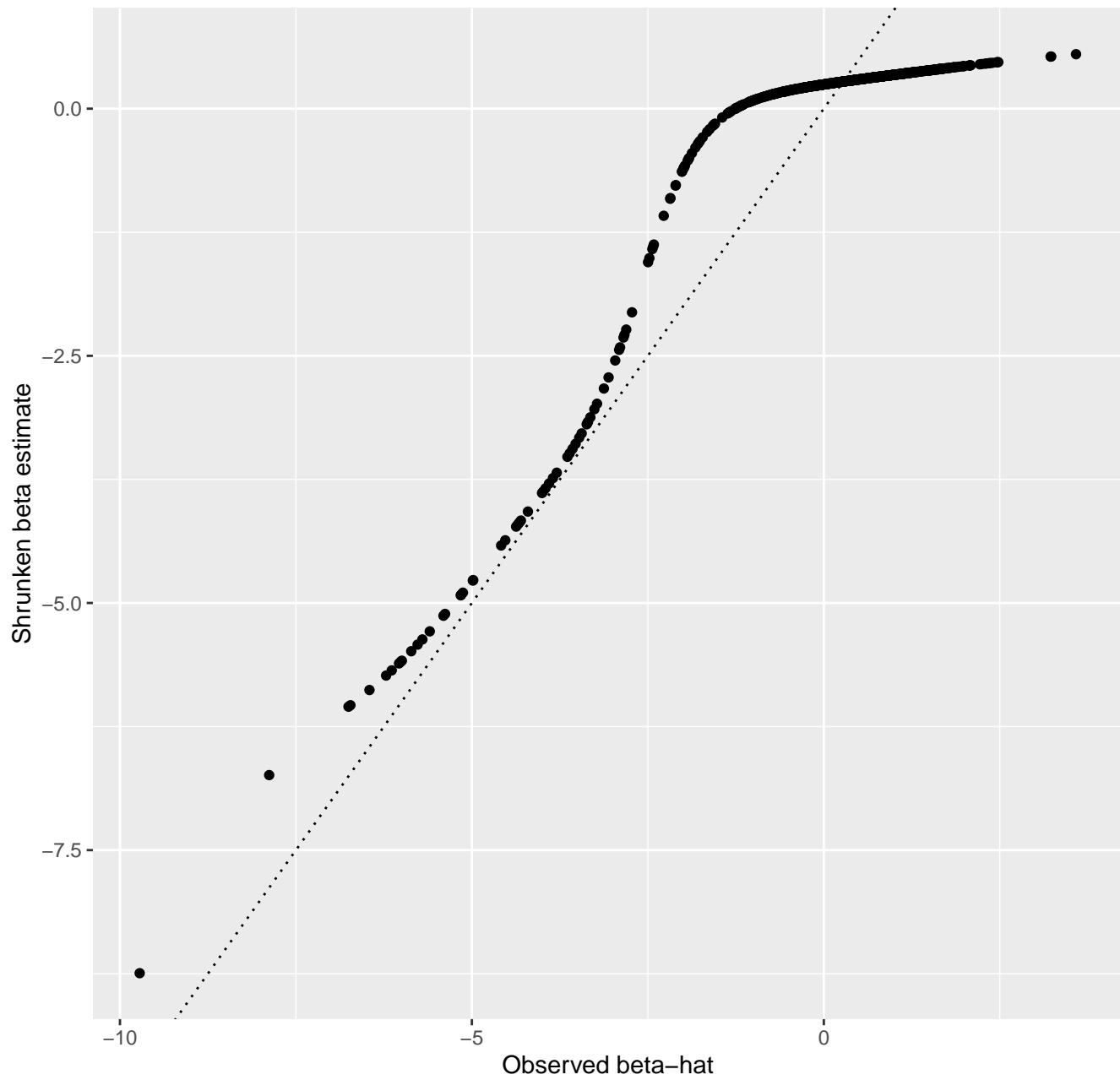
ATP7A\_(538) negative



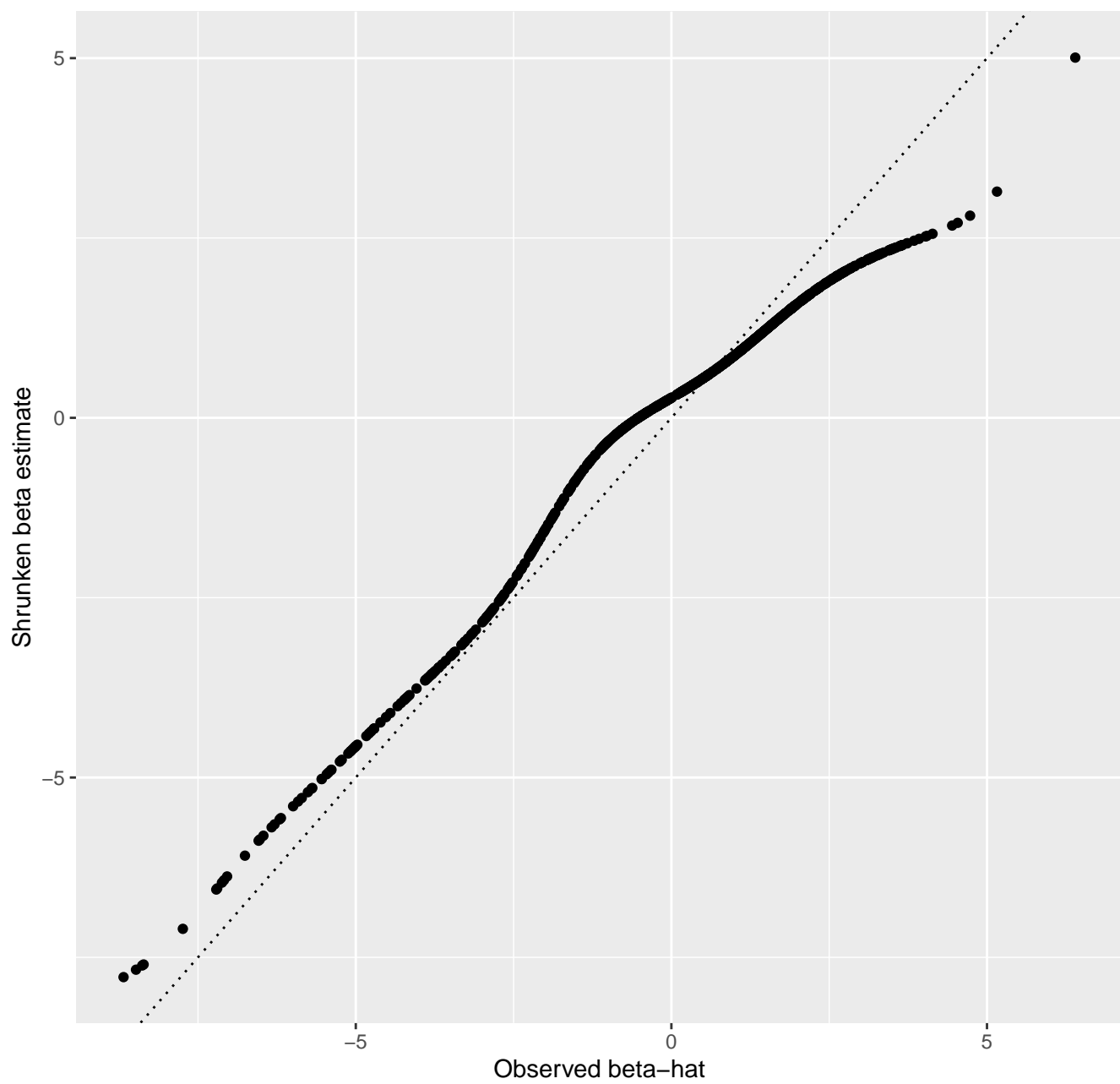
ALDH18A1\_(5832) negative



TTC7A\_(57217) negative

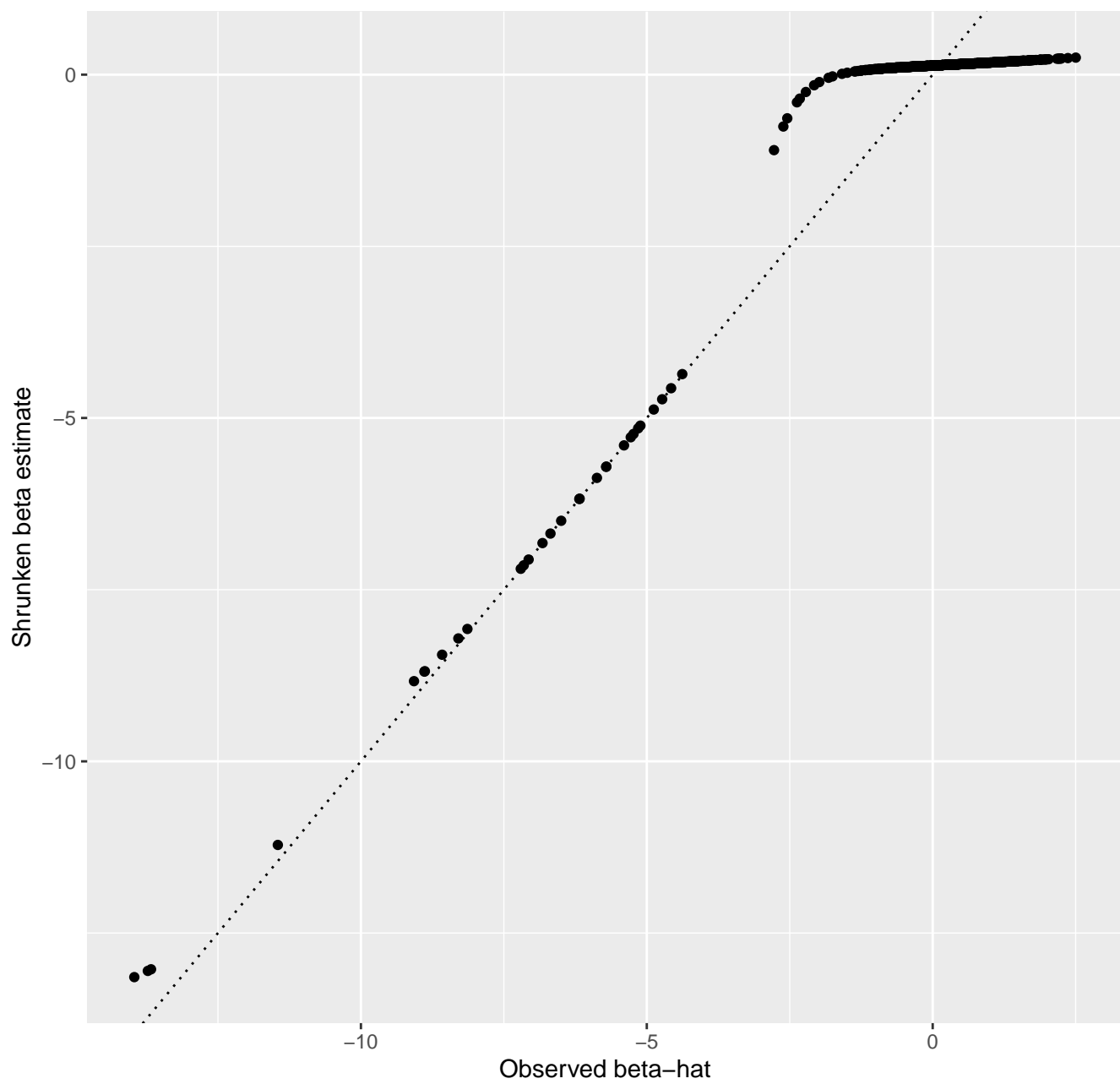


ACSL3\_(2181) negative

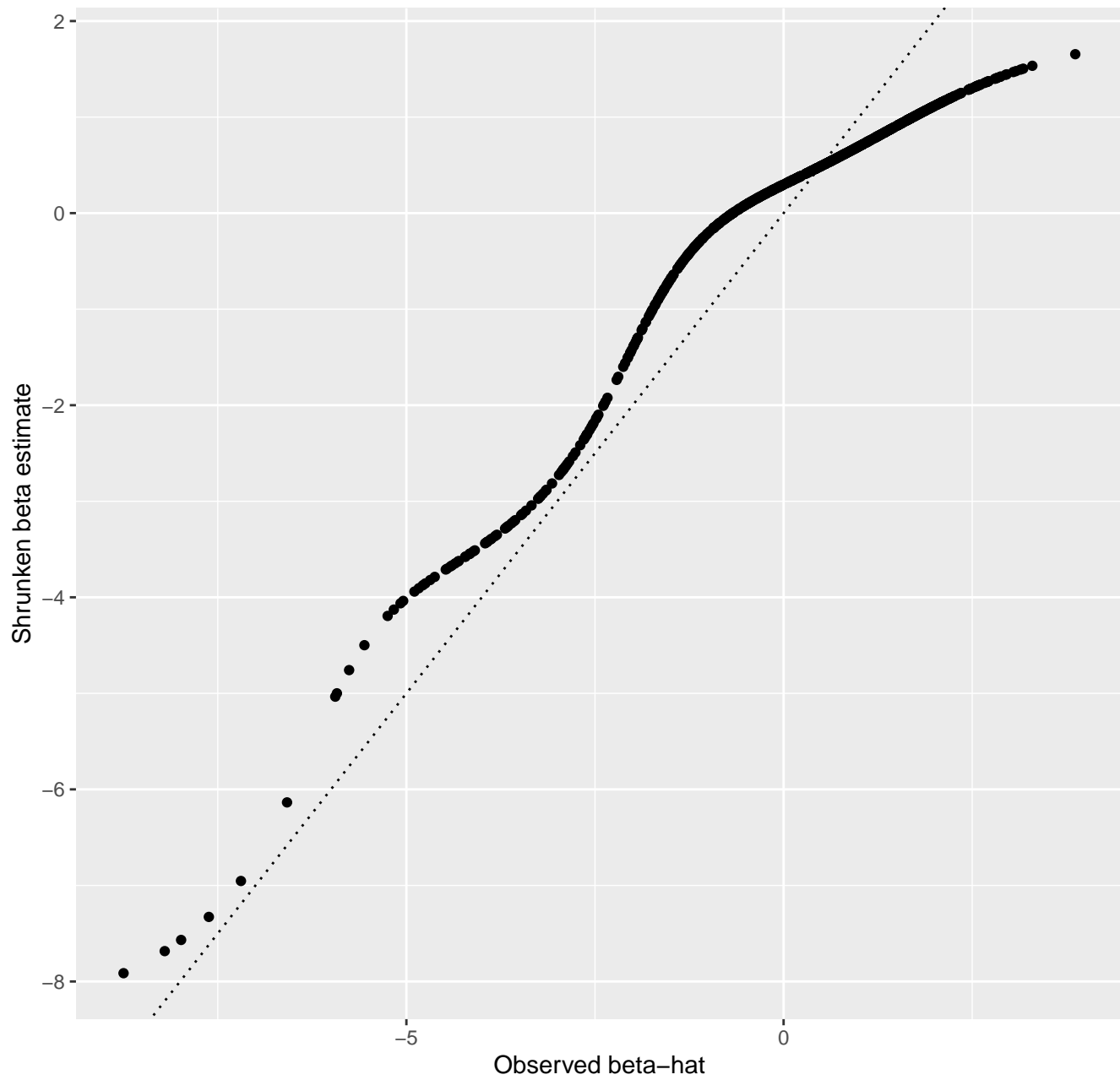




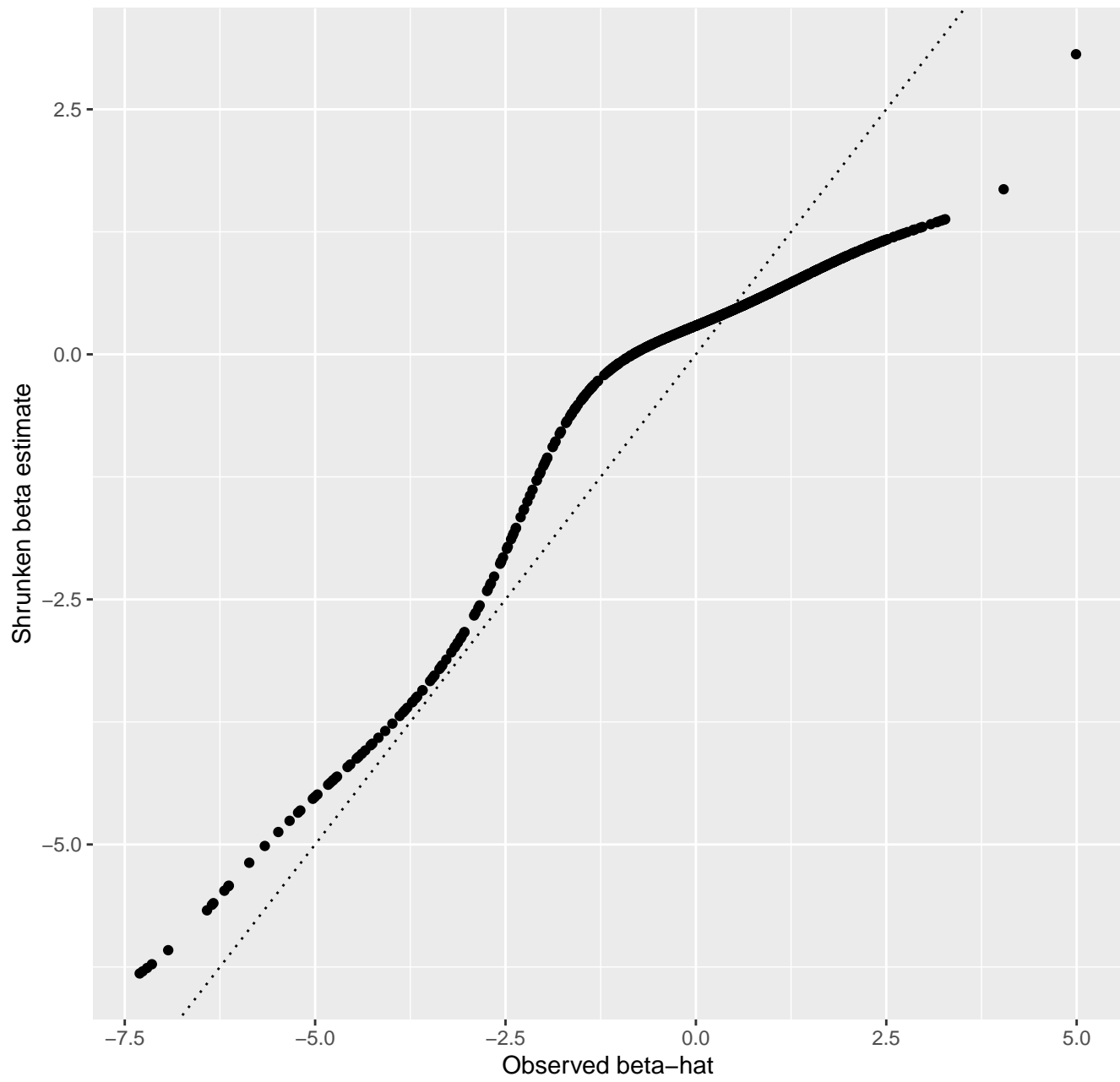
KCNK13\_(56659) negative



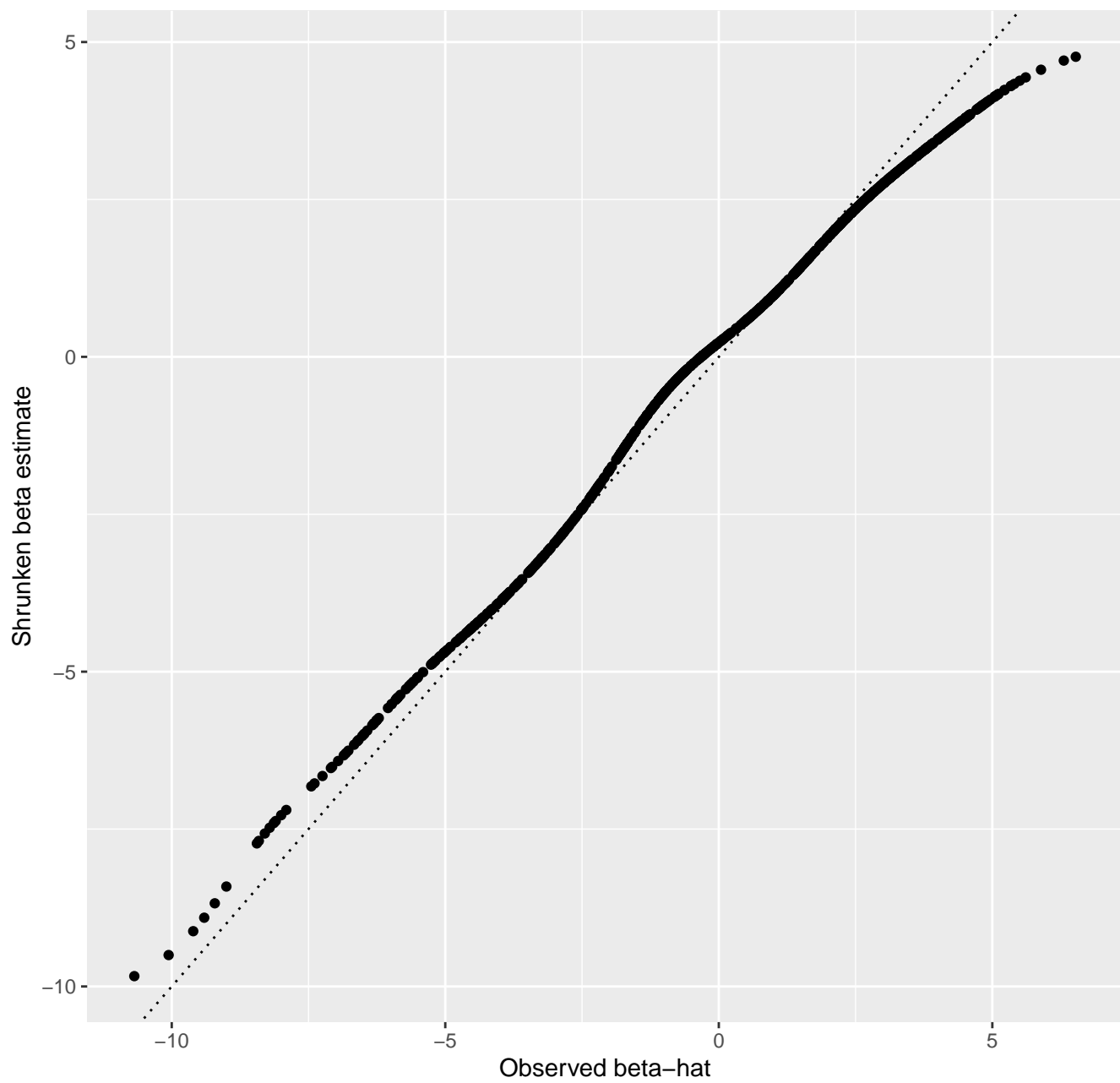
C3orf38\_(285237) negative



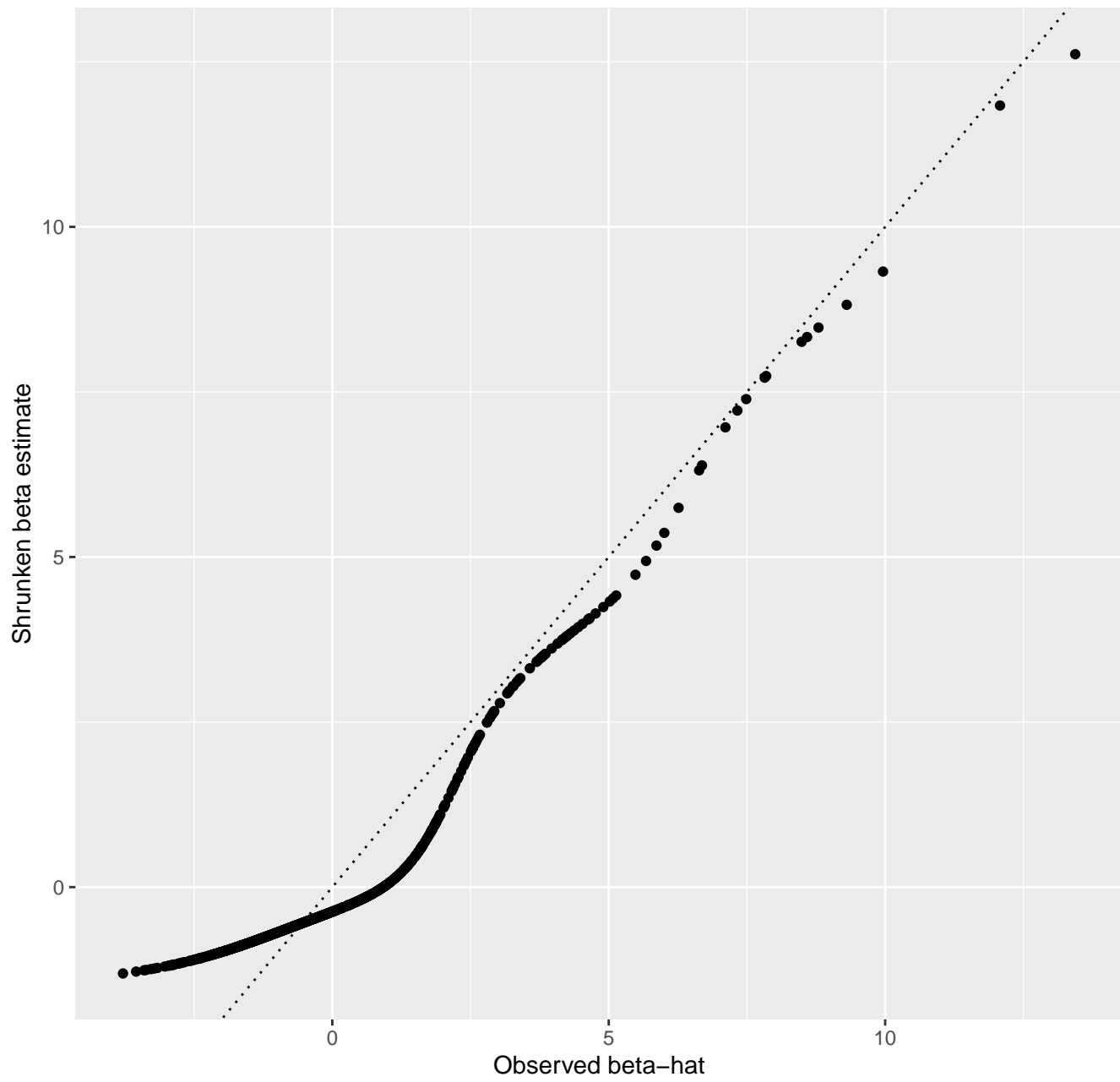
CEPT1\_(10390) negative



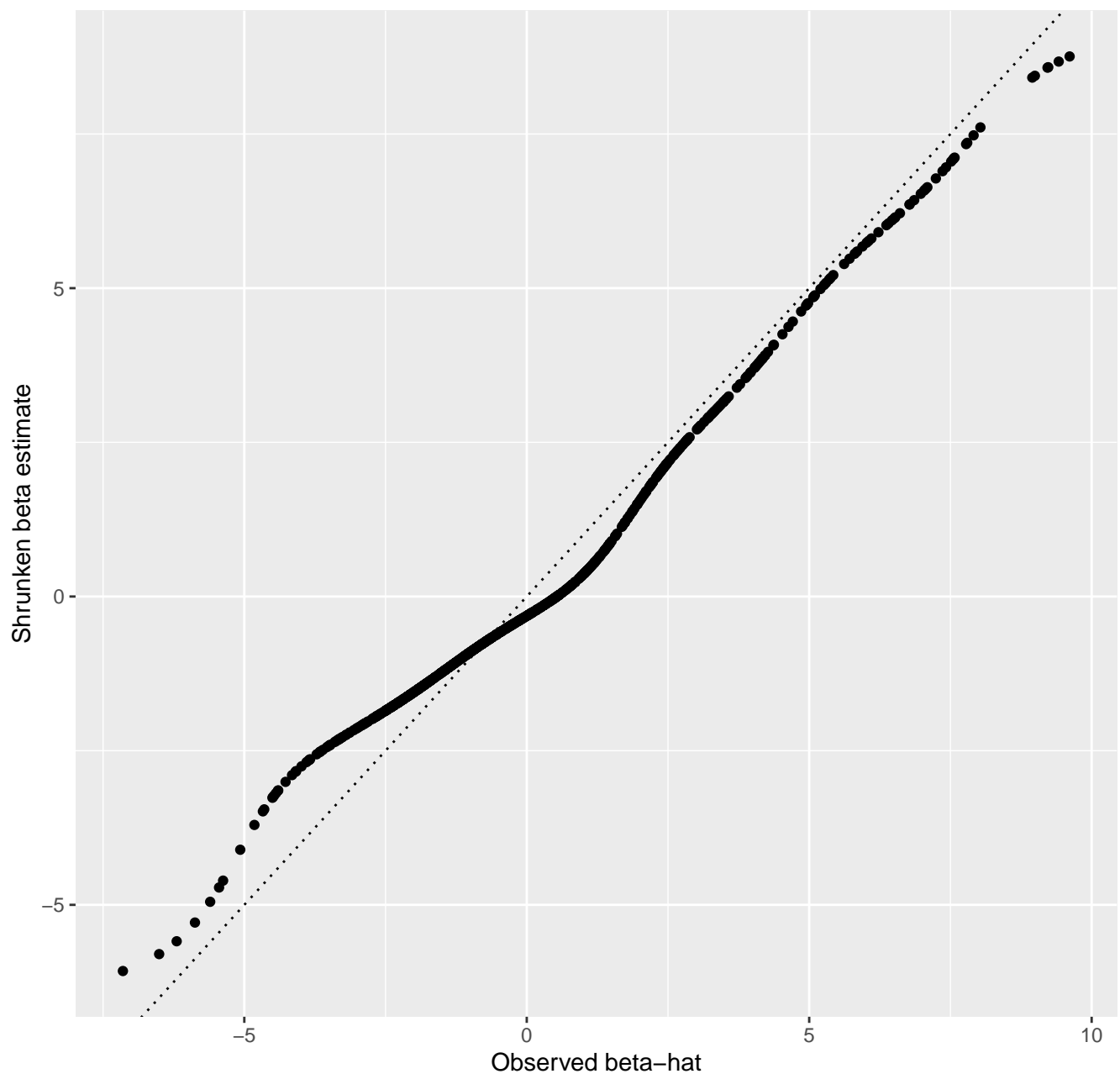
SEPHS2\_(22928) negative



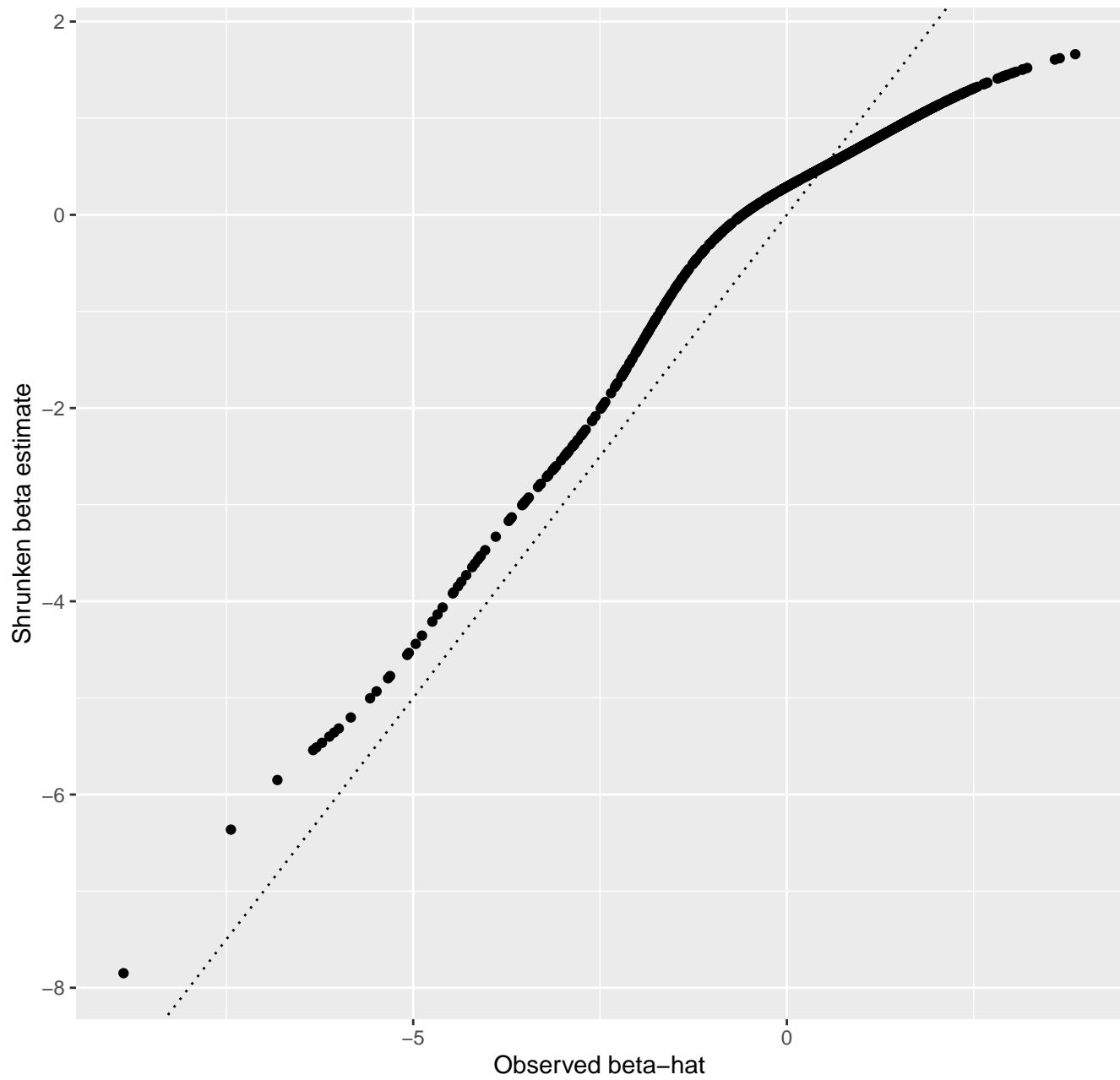
CDKN1A\_(1026) positive



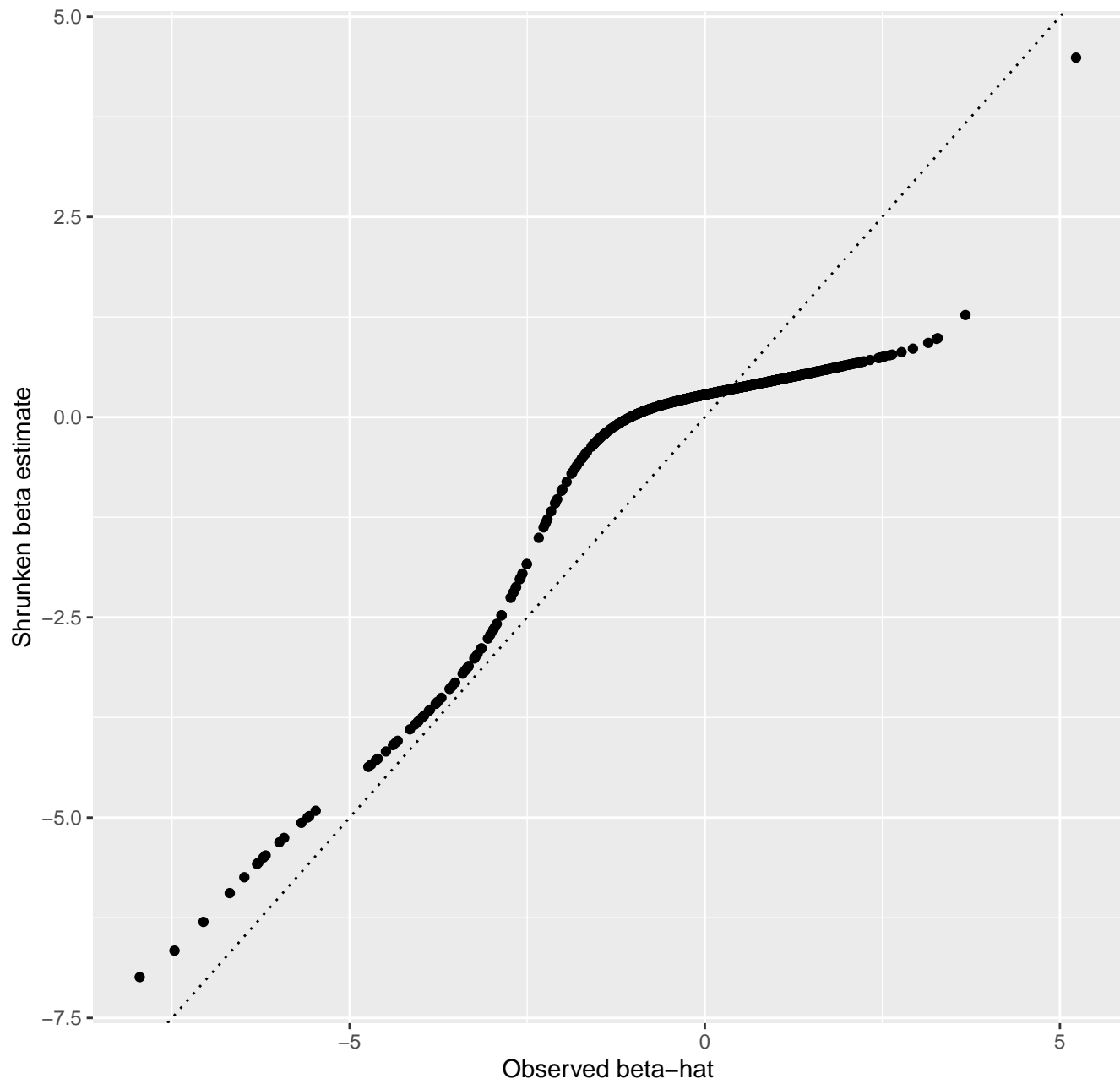
PPP2R1A\_(5518) positive



YAP1\_(10413) negative

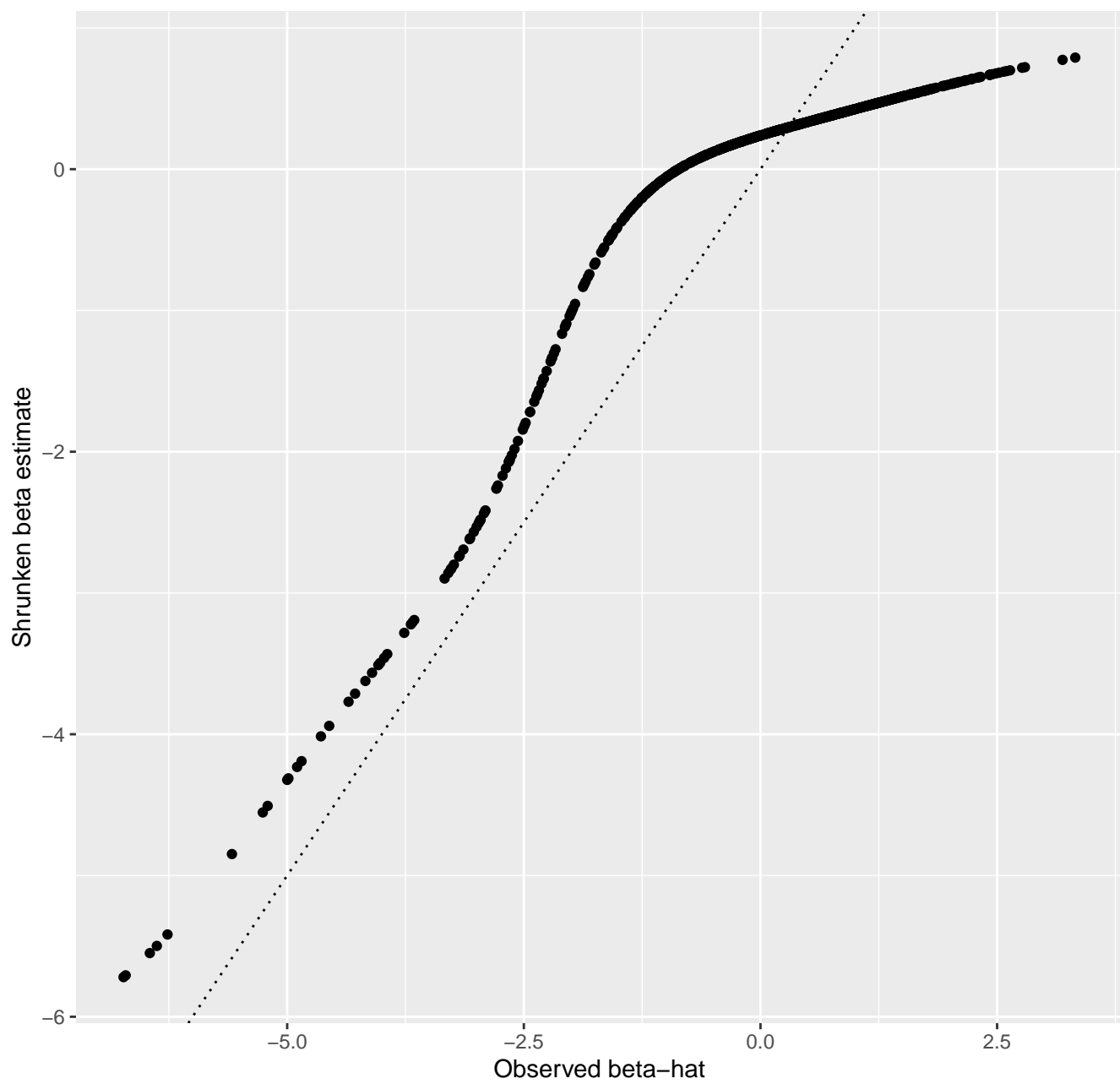


FDFT1\_(2222) negative

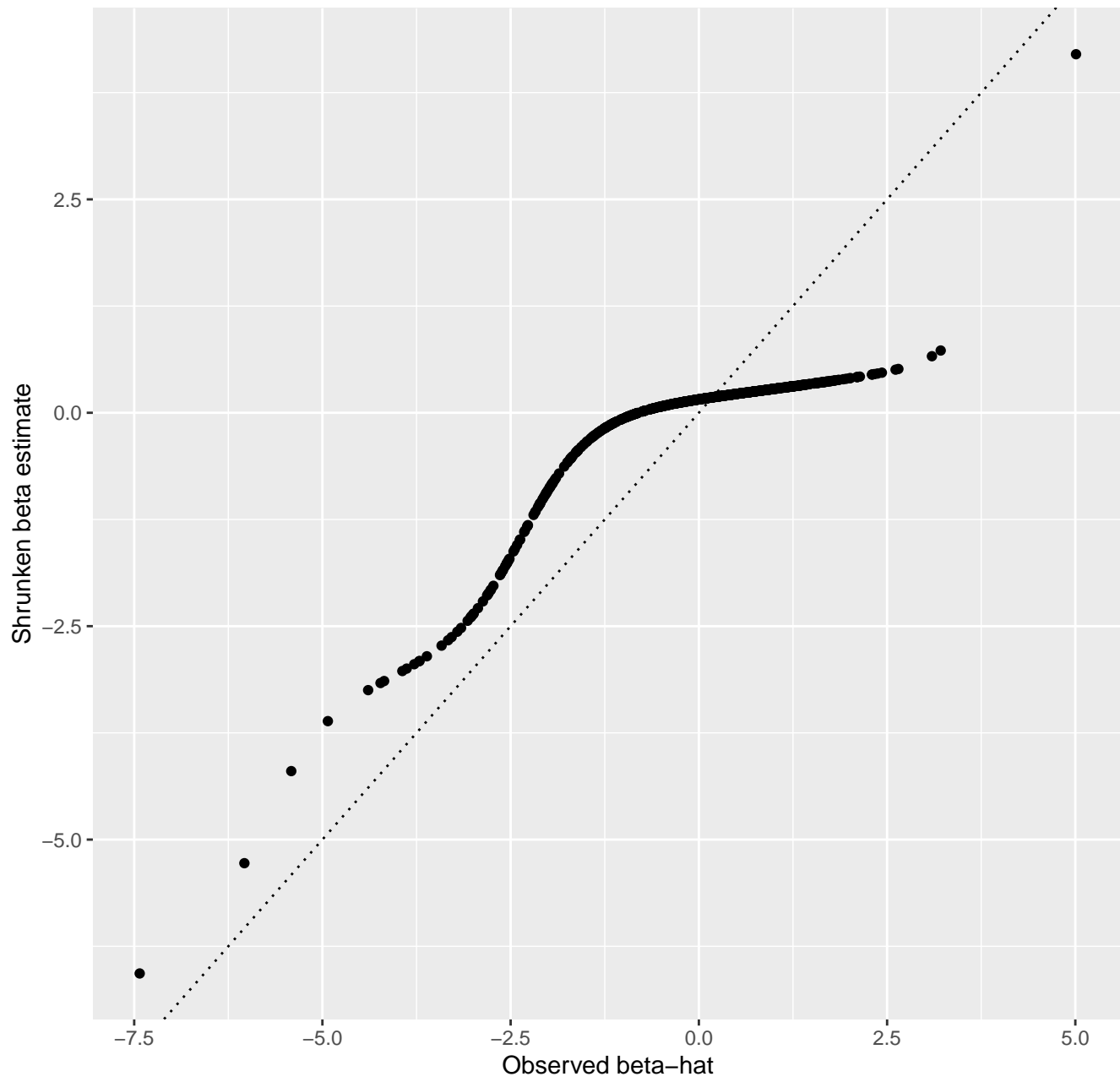




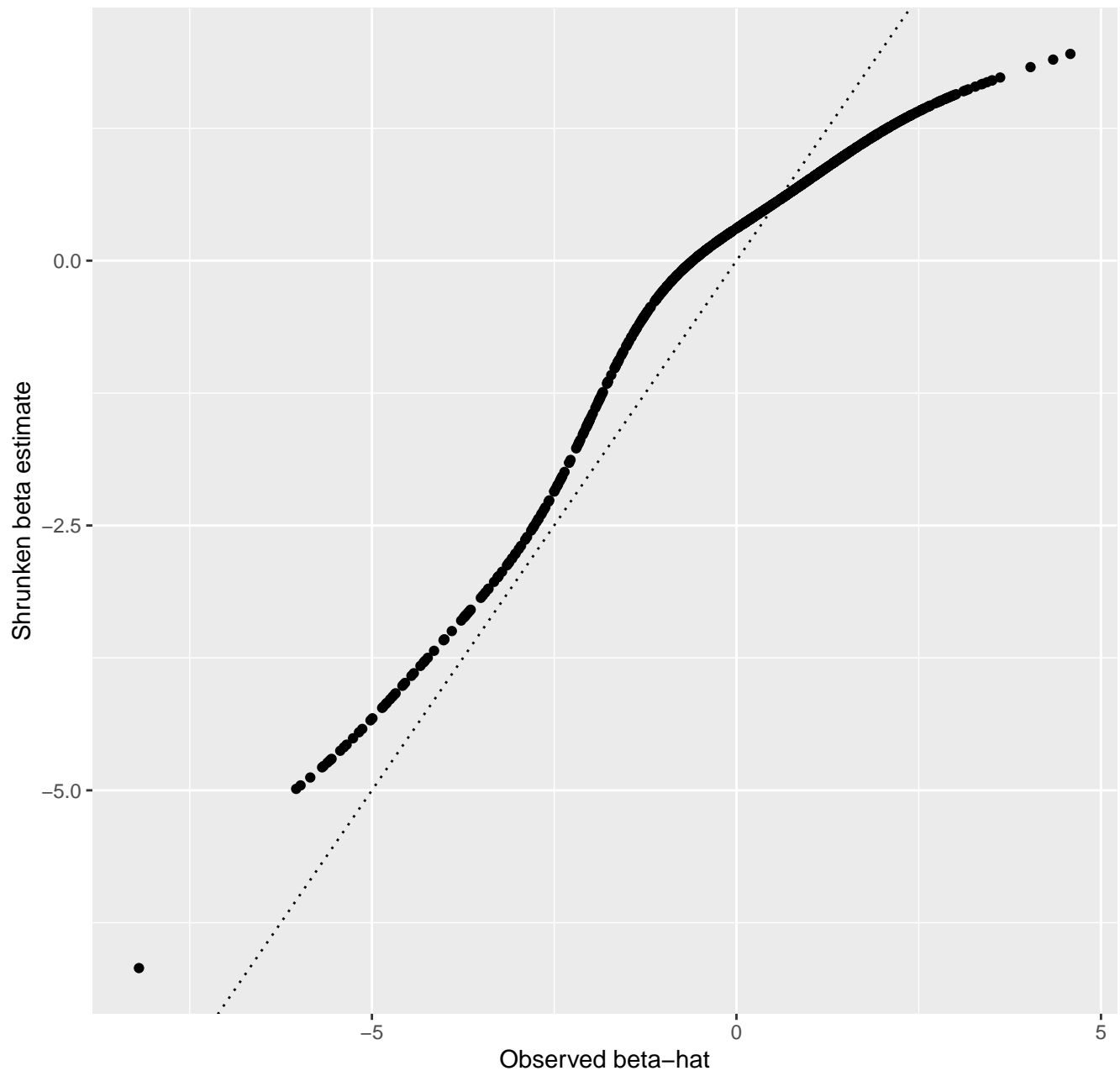
DYNC1LI2\_(1783) negative



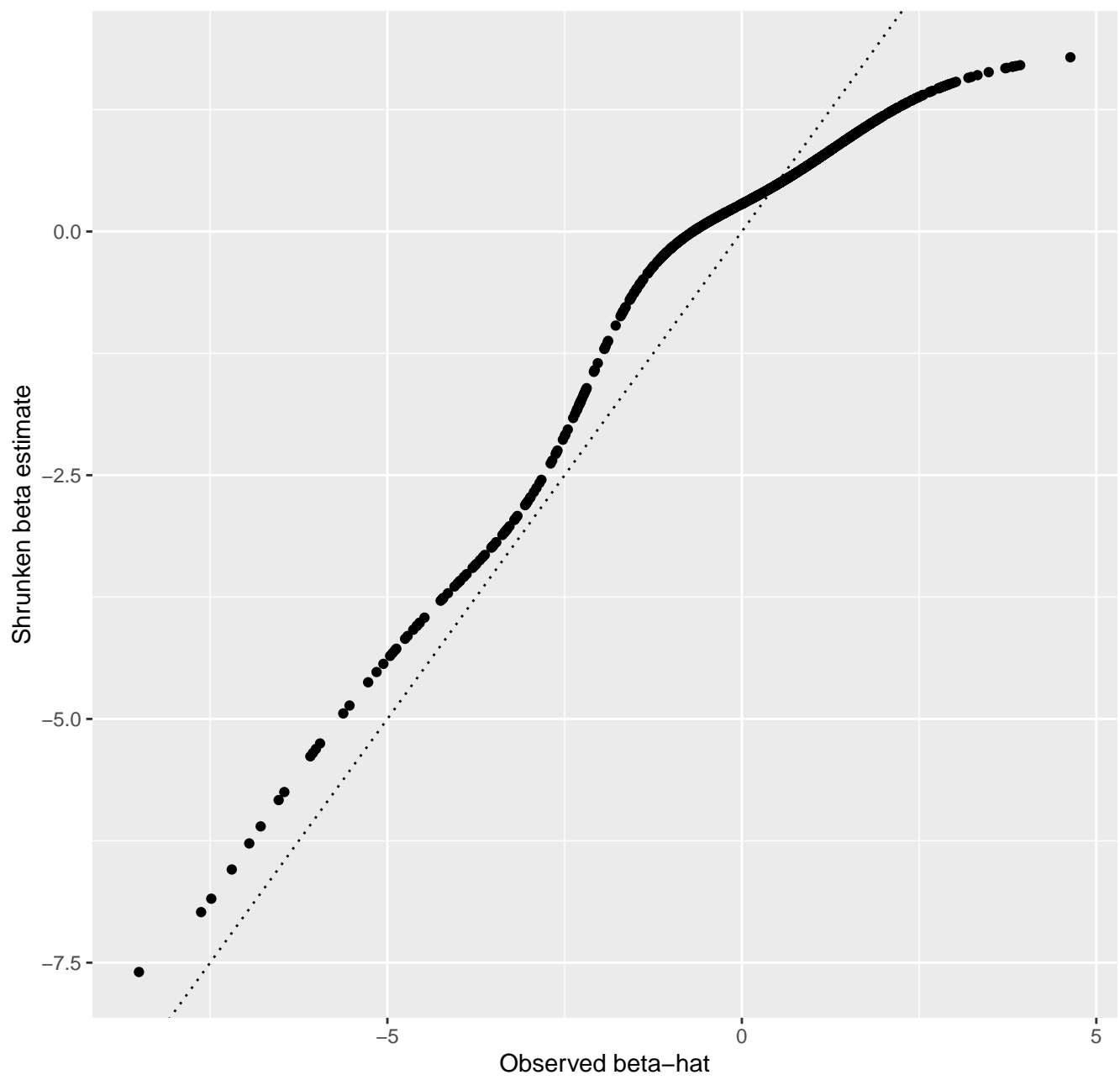
FRS2\_(10818) negative



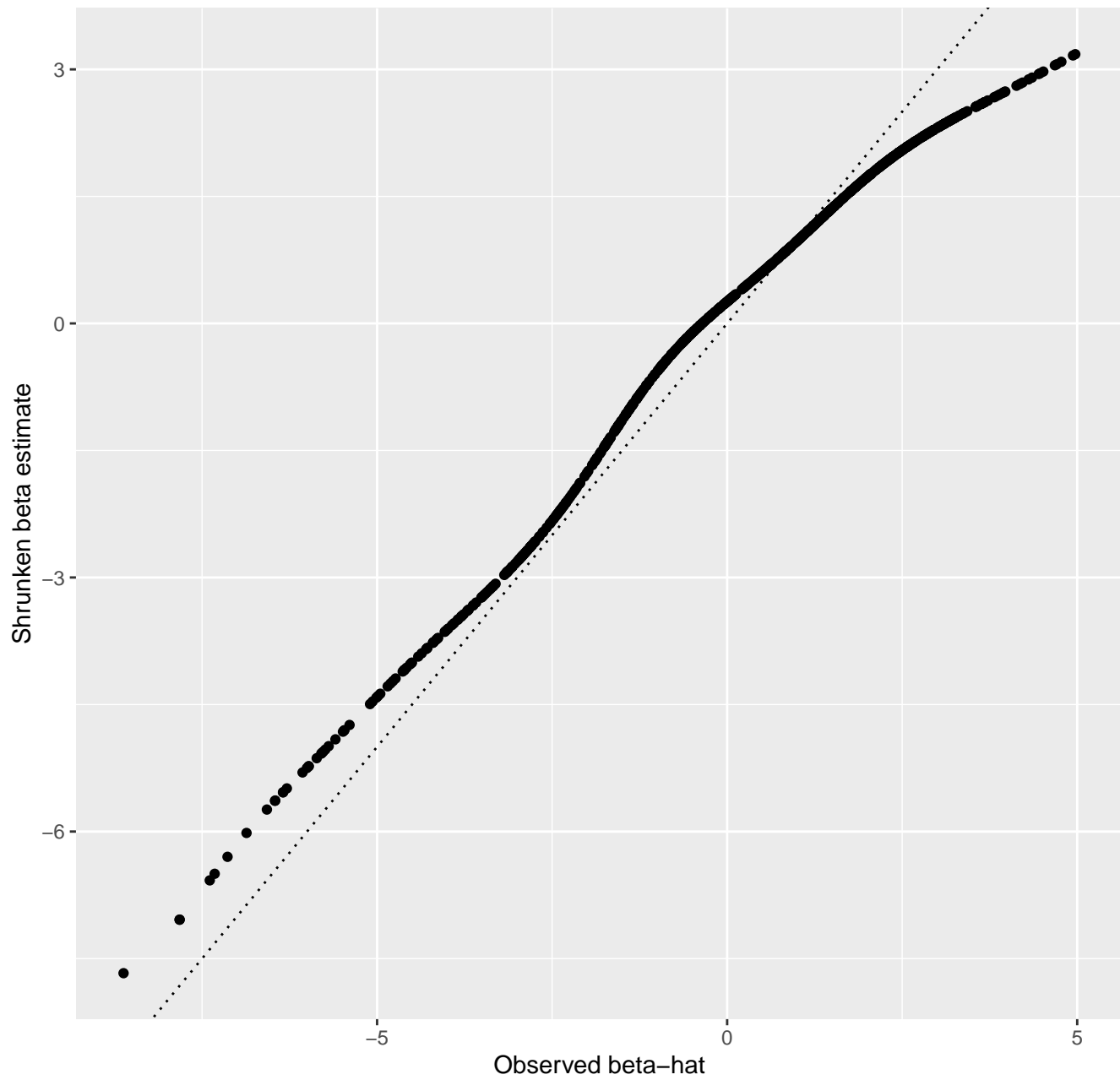
FCHO2\_(115548) negative



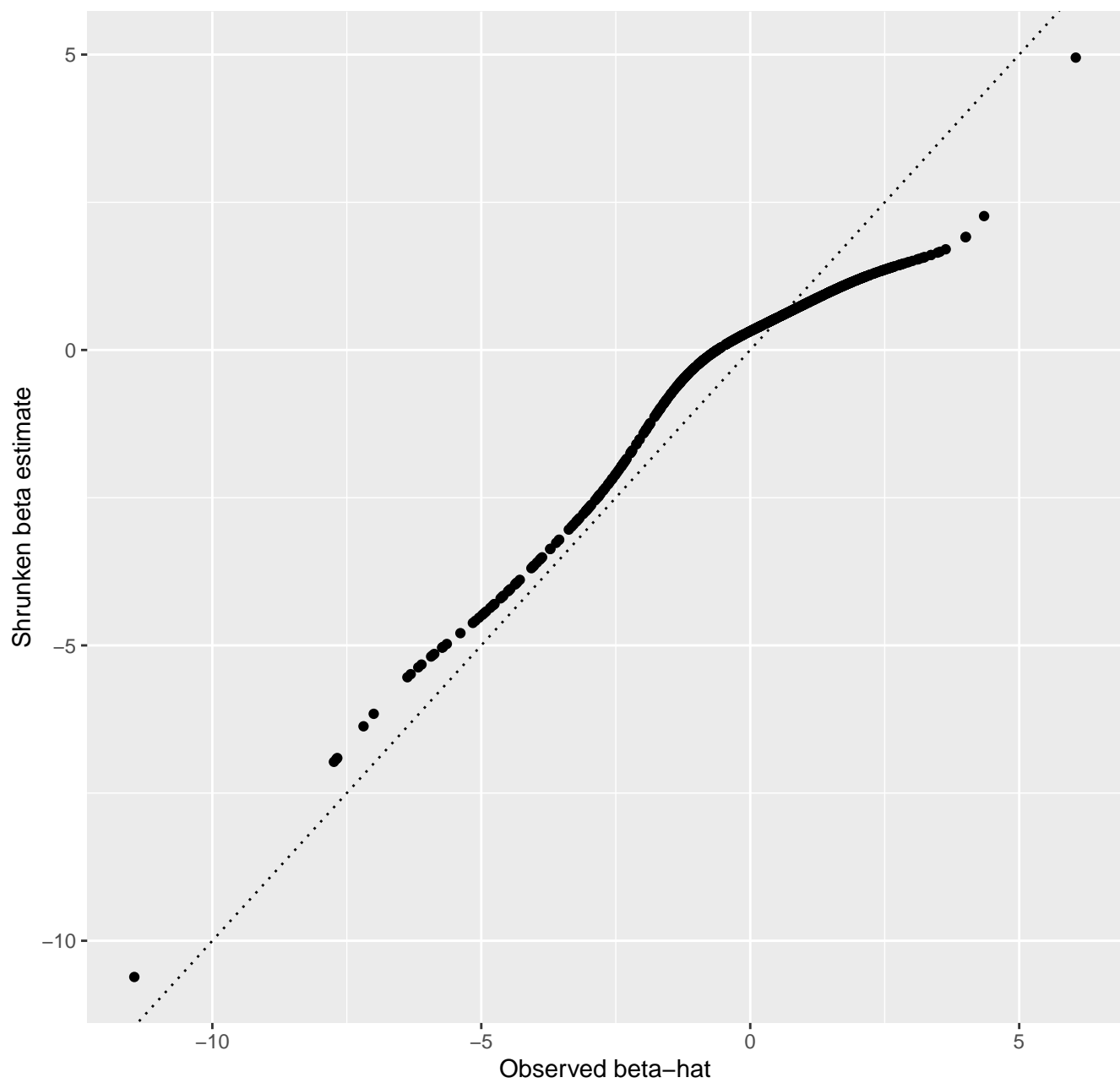
IRS2\_(8660) negative



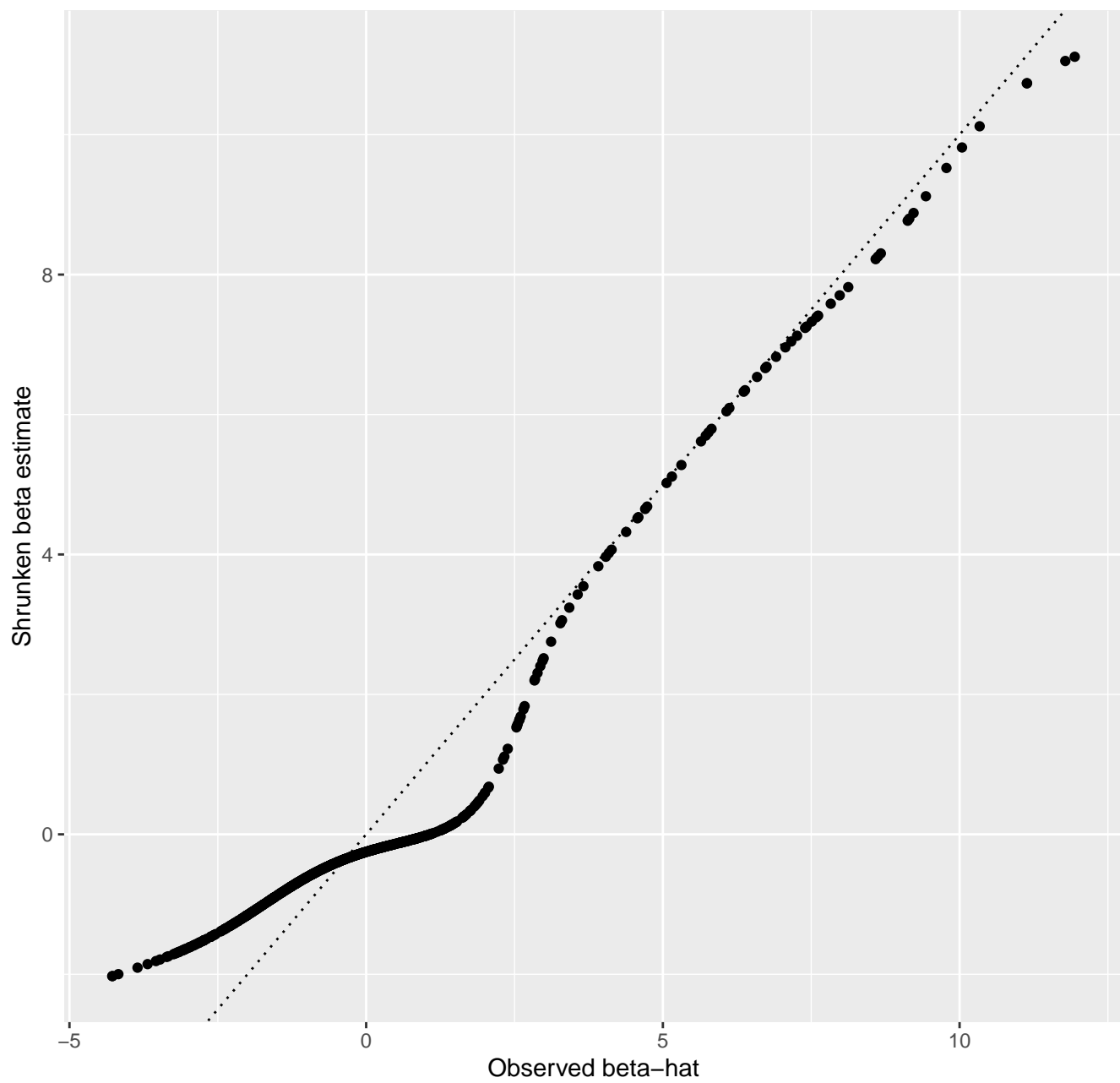
MCL1\_(4170) positive



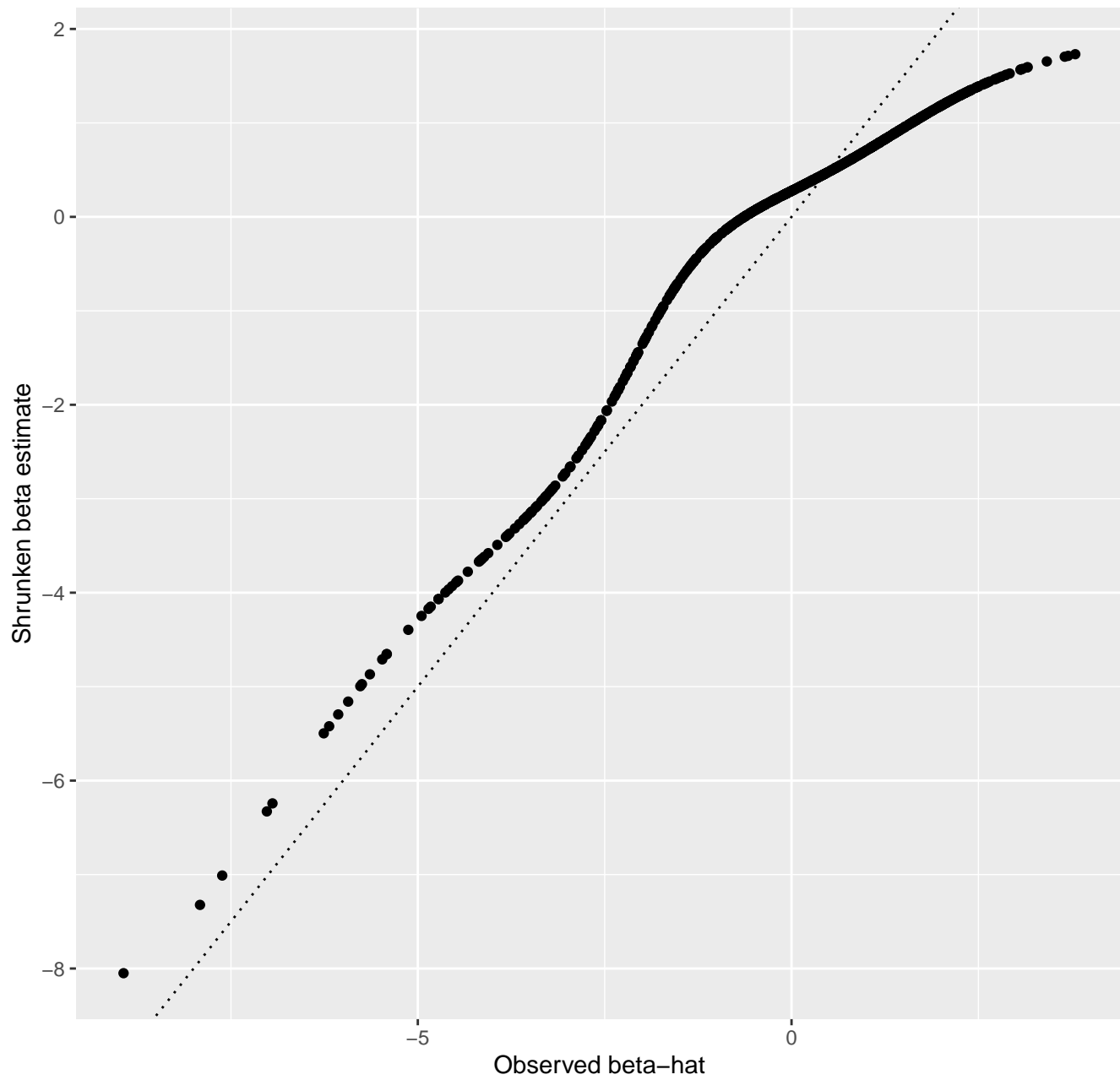
MAP3K7\_(6885) negative



NAA10\_(8260) positive

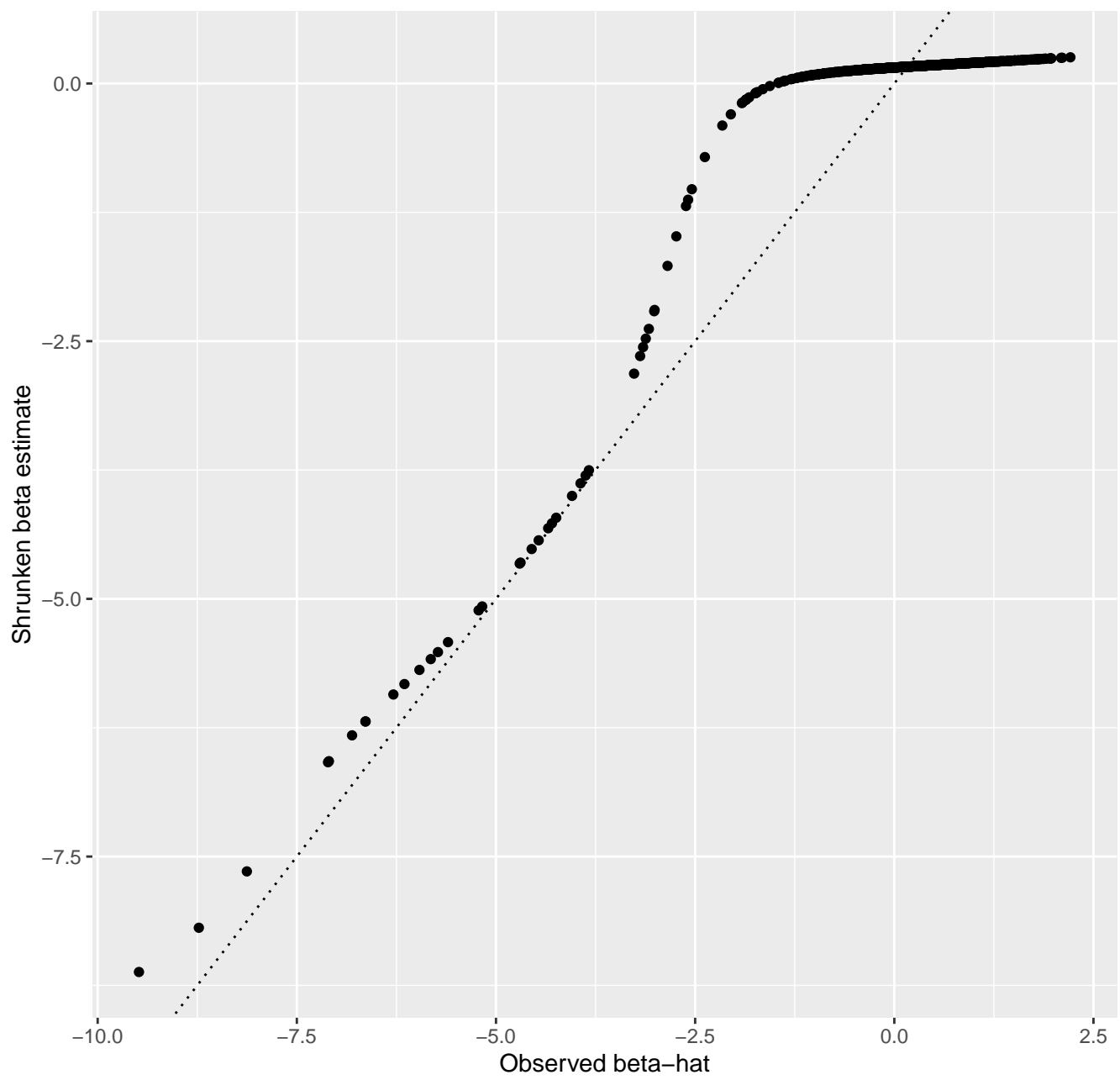


EGLN1\_(54583) negative

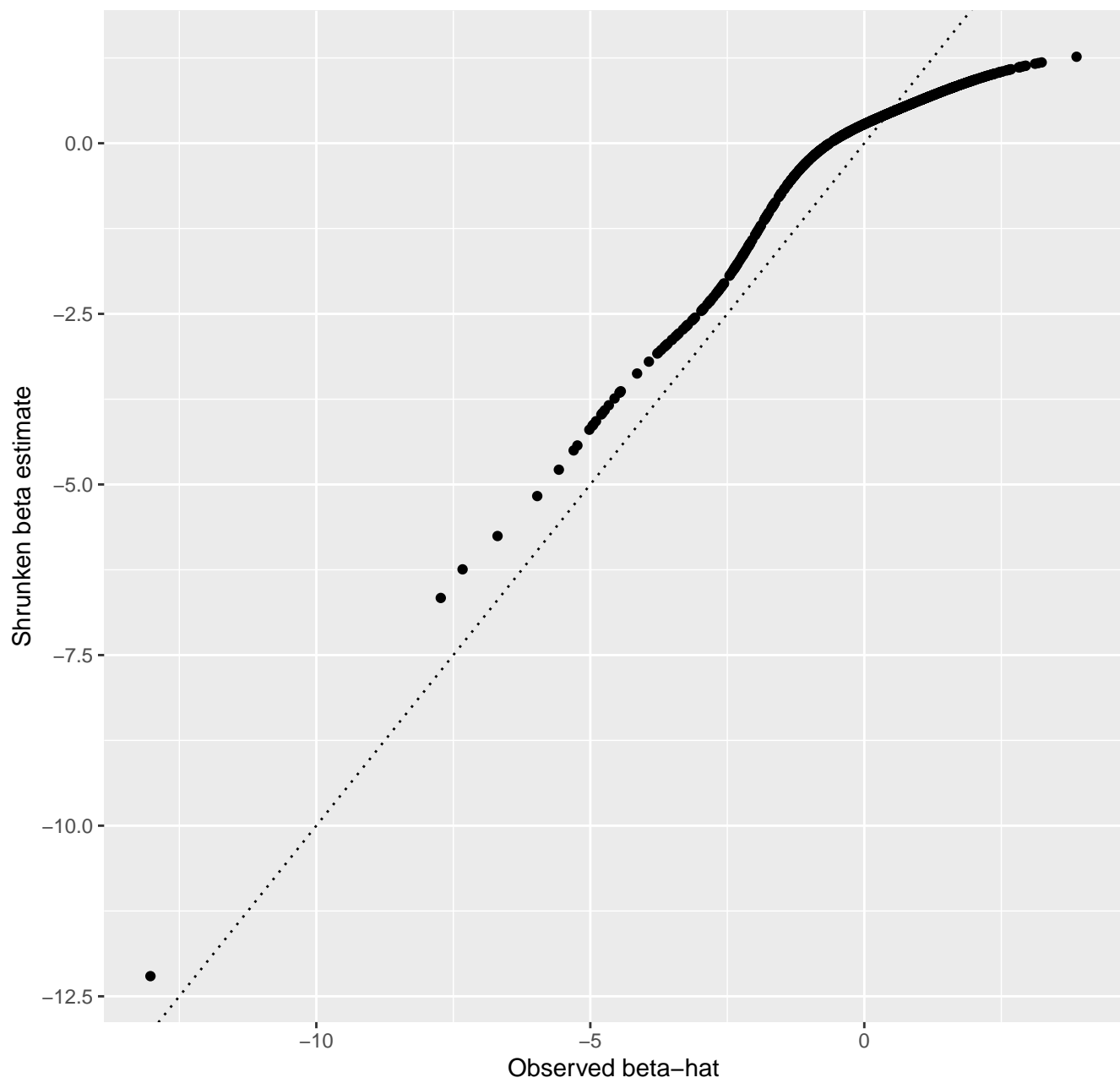




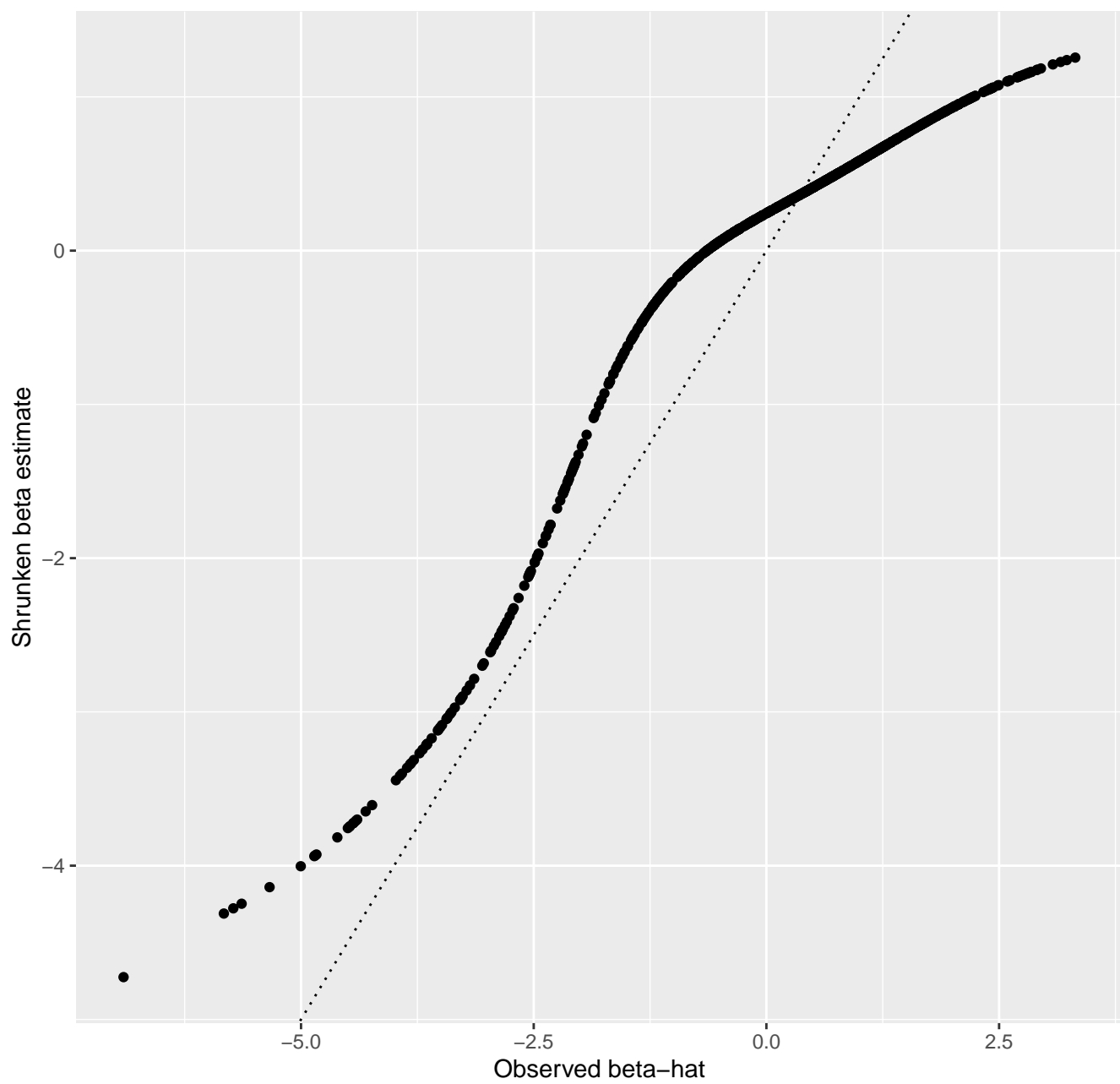
MITF\_(4286) negative



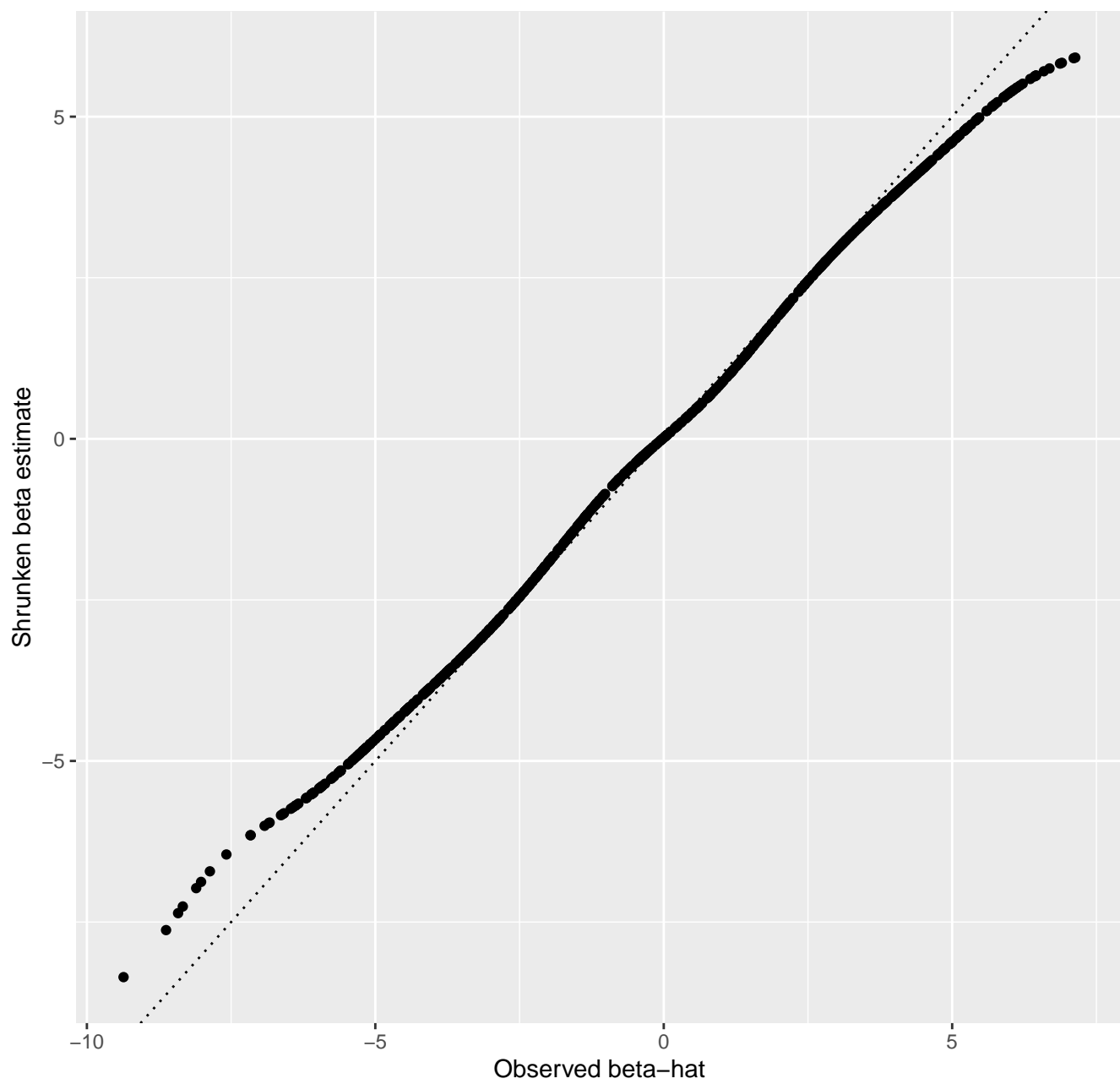
VPS36\_(51028) negative



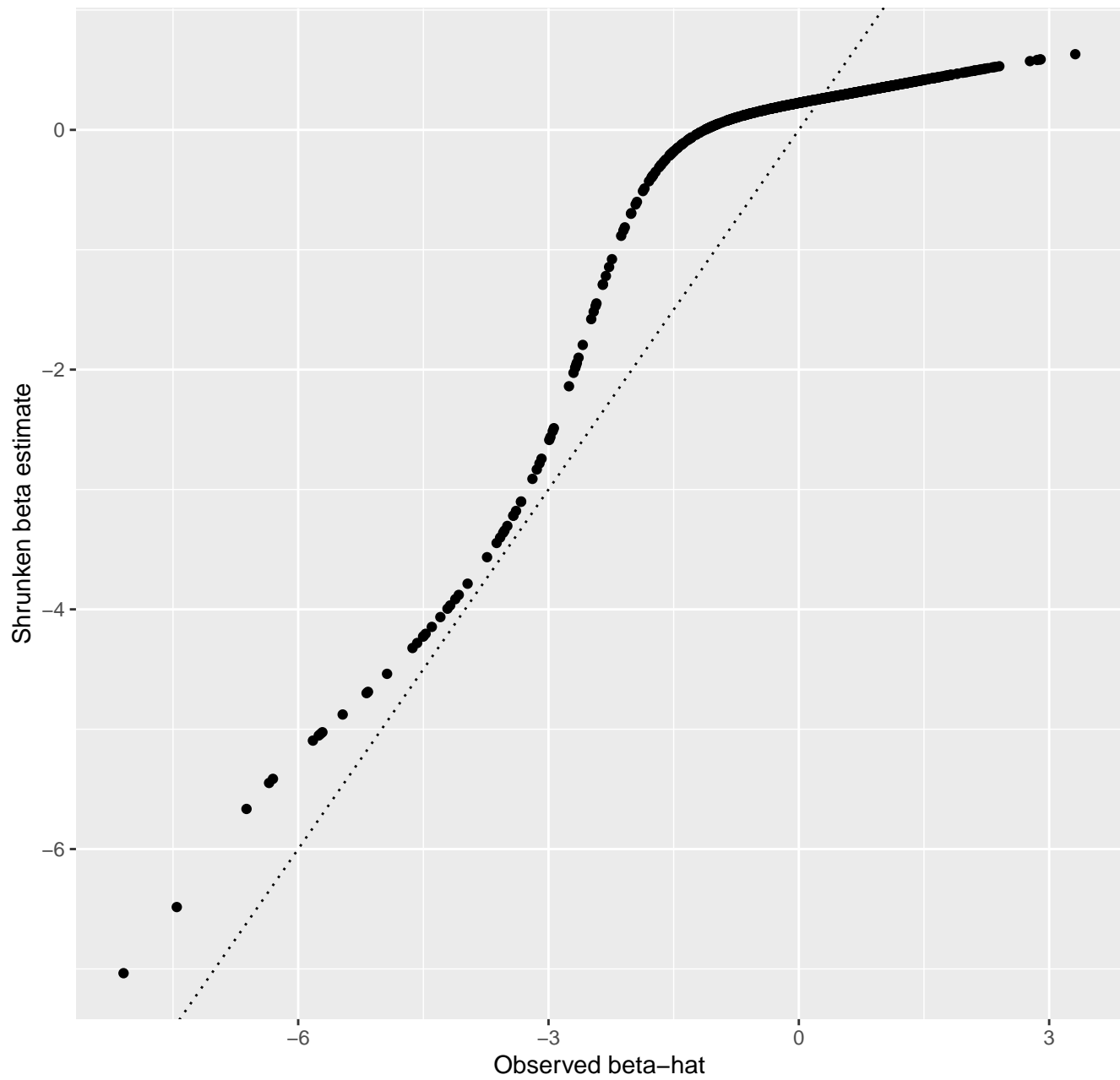
HSPA13\_(6782) negative



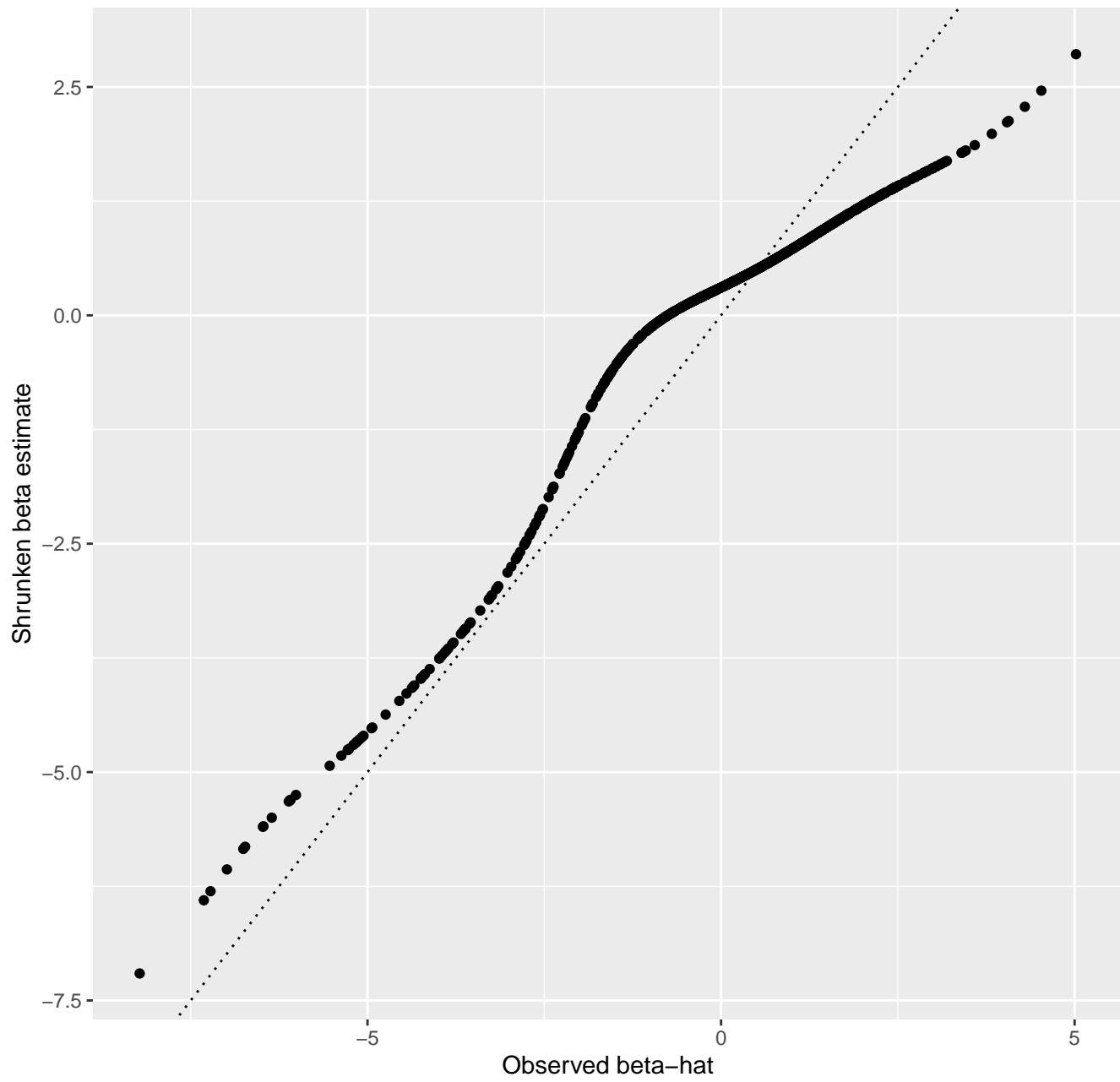
CCND1\_(595) positive



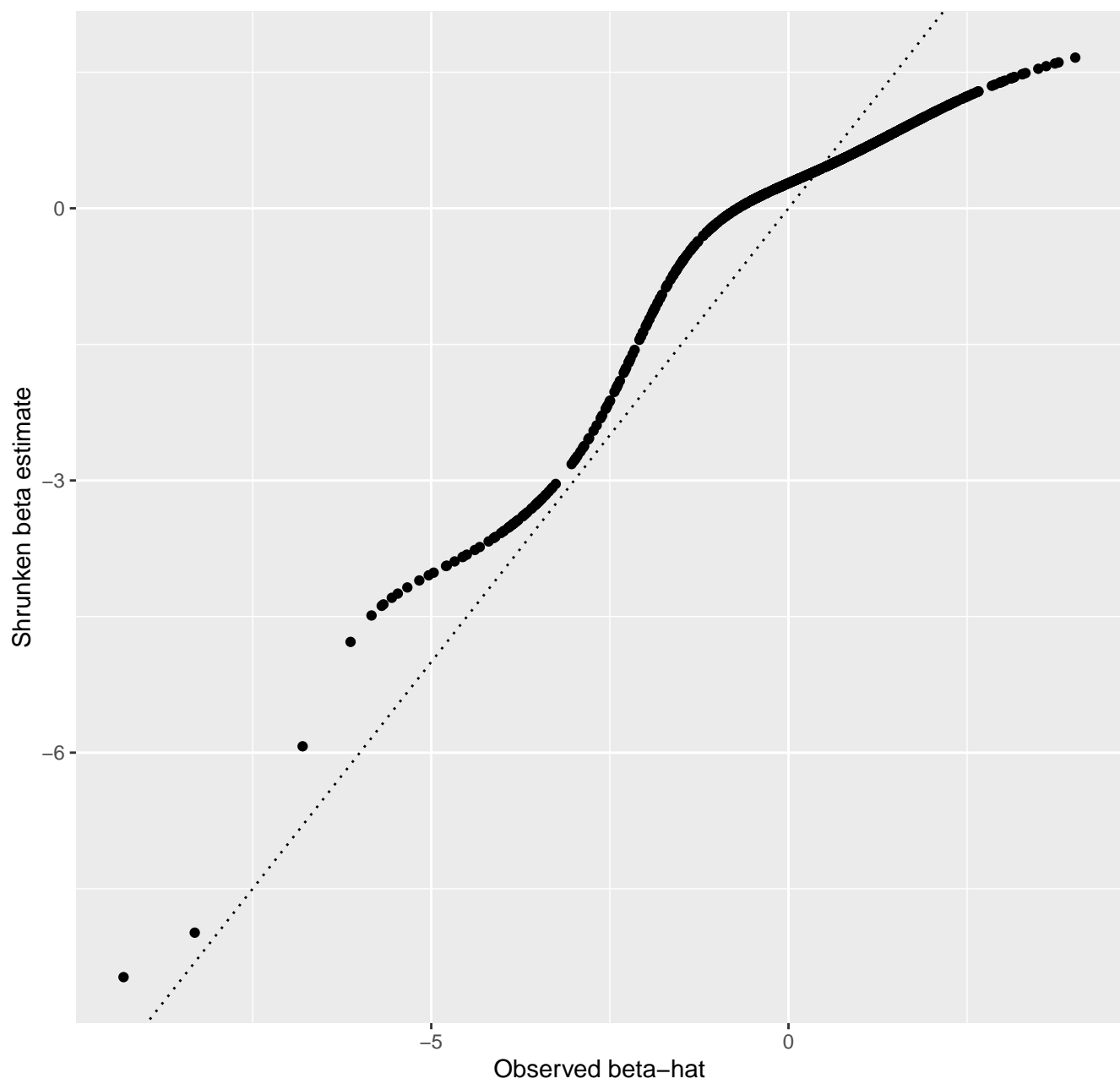
TPK1\_(27010) negative



PPCDC\_(60490) negative



DNAJC19\_(131118) negative



ASNS\_(440) negative

Shrunken beta estimate

0

-2

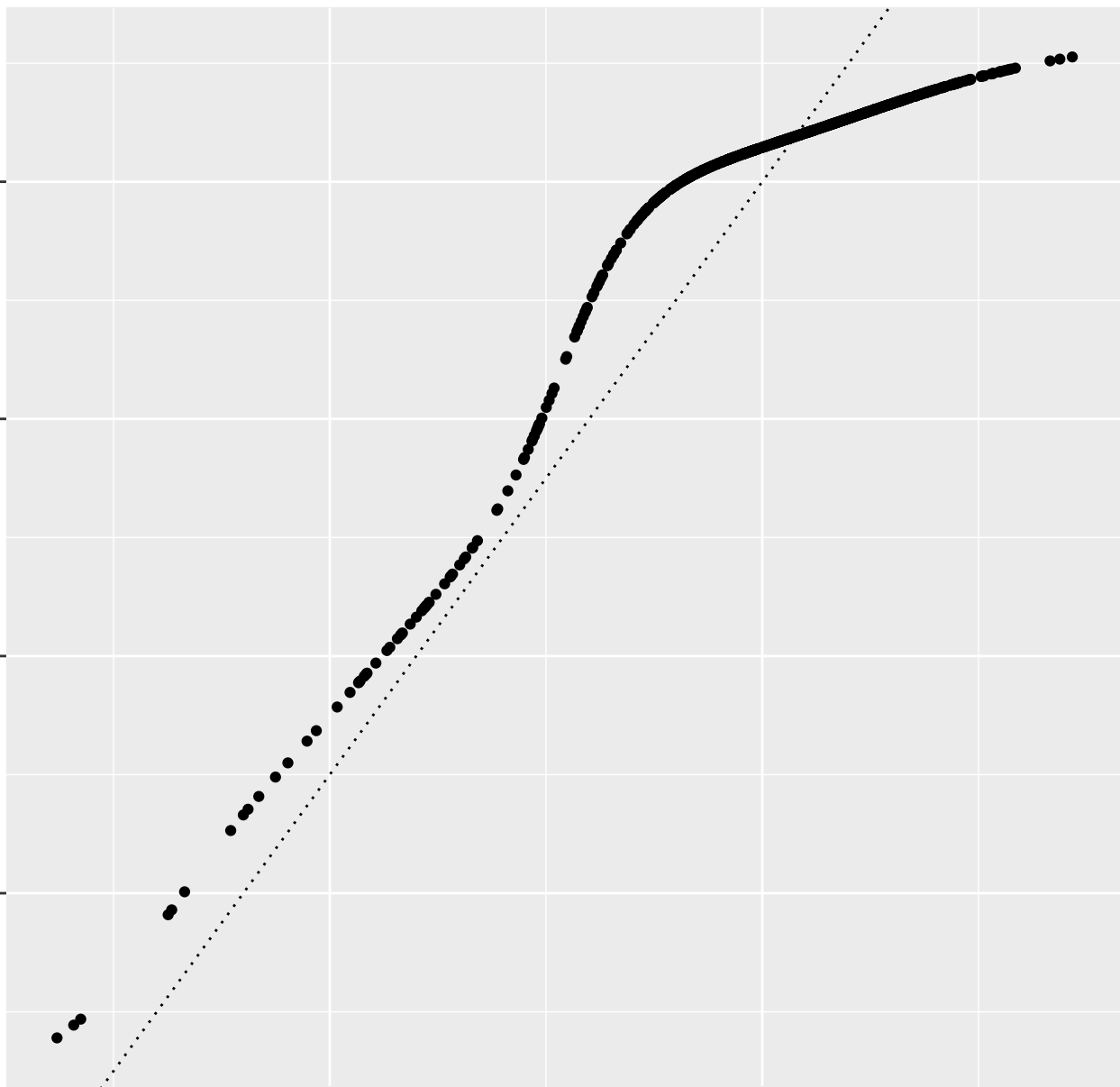
-4

-6

-5

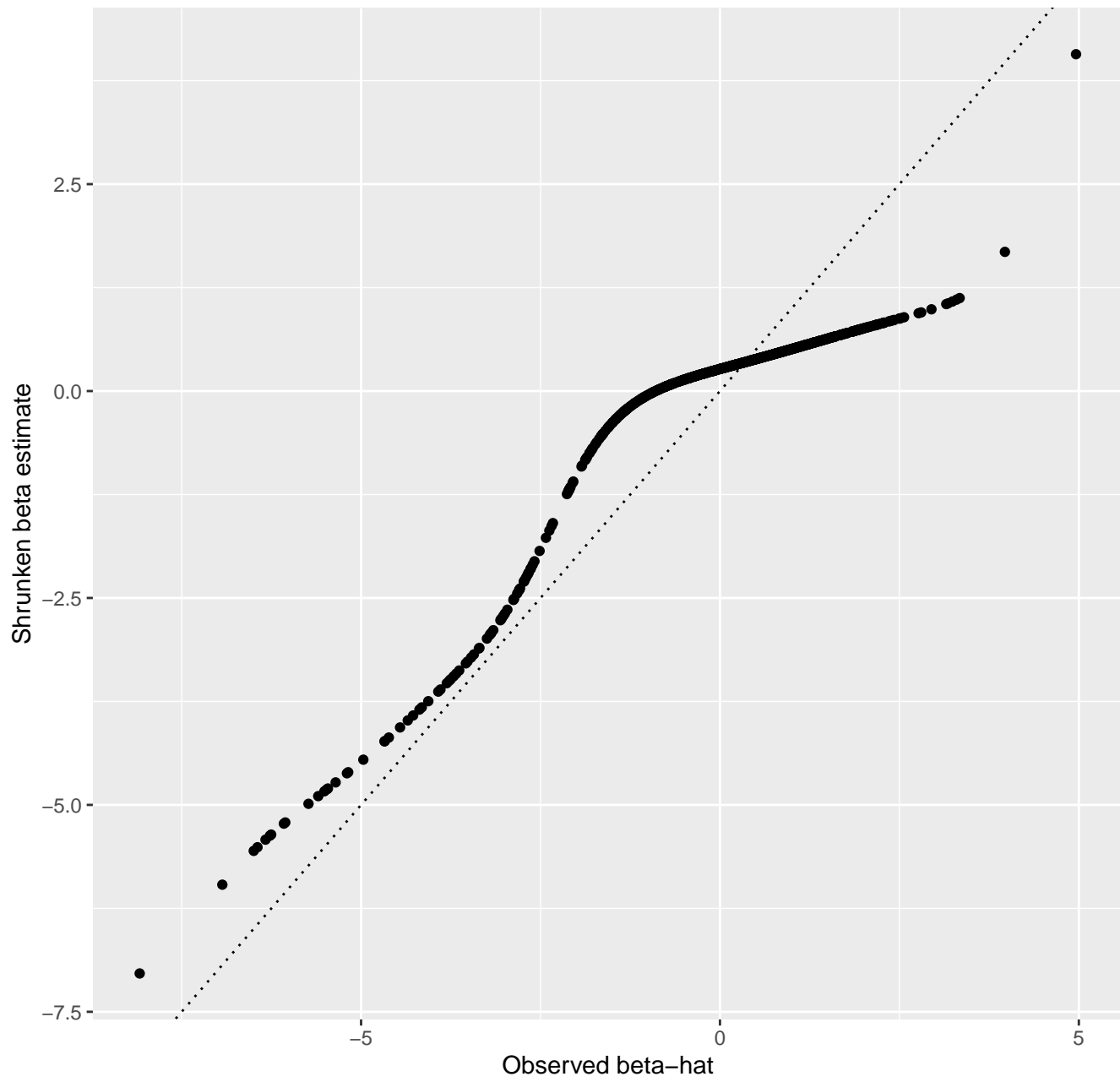
0

Observed beta-hat

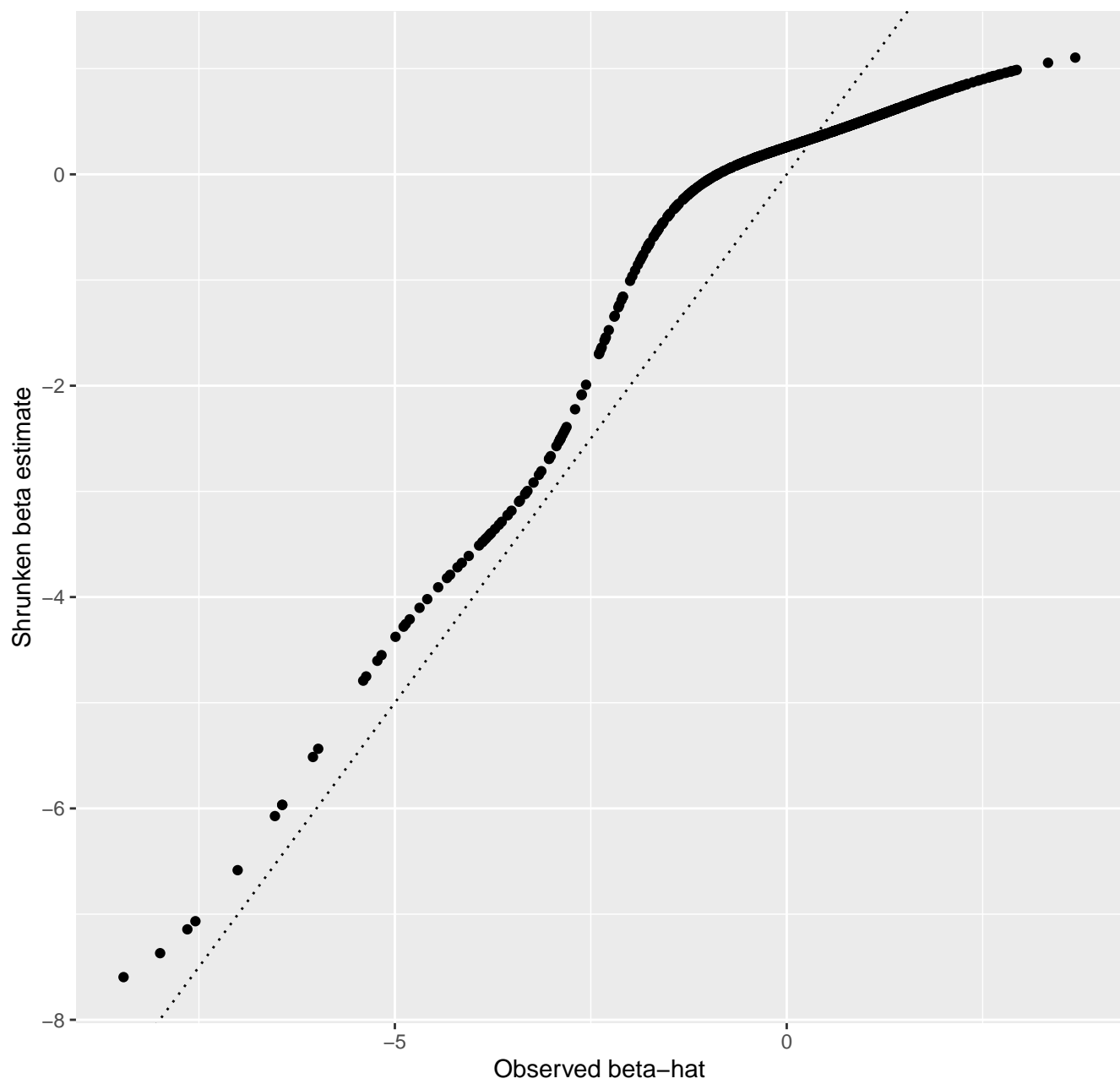




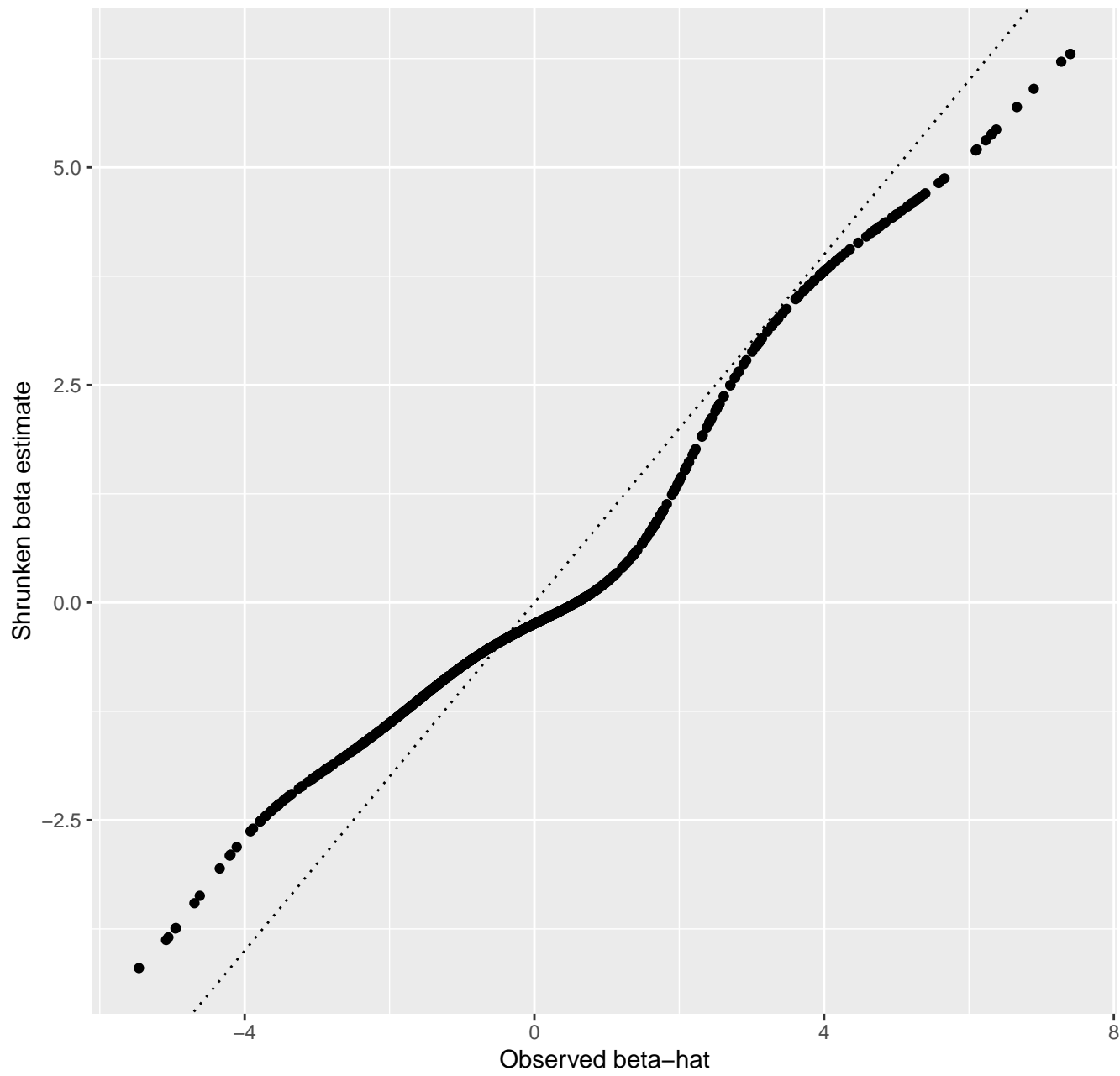
UAP1\_(6675) negative



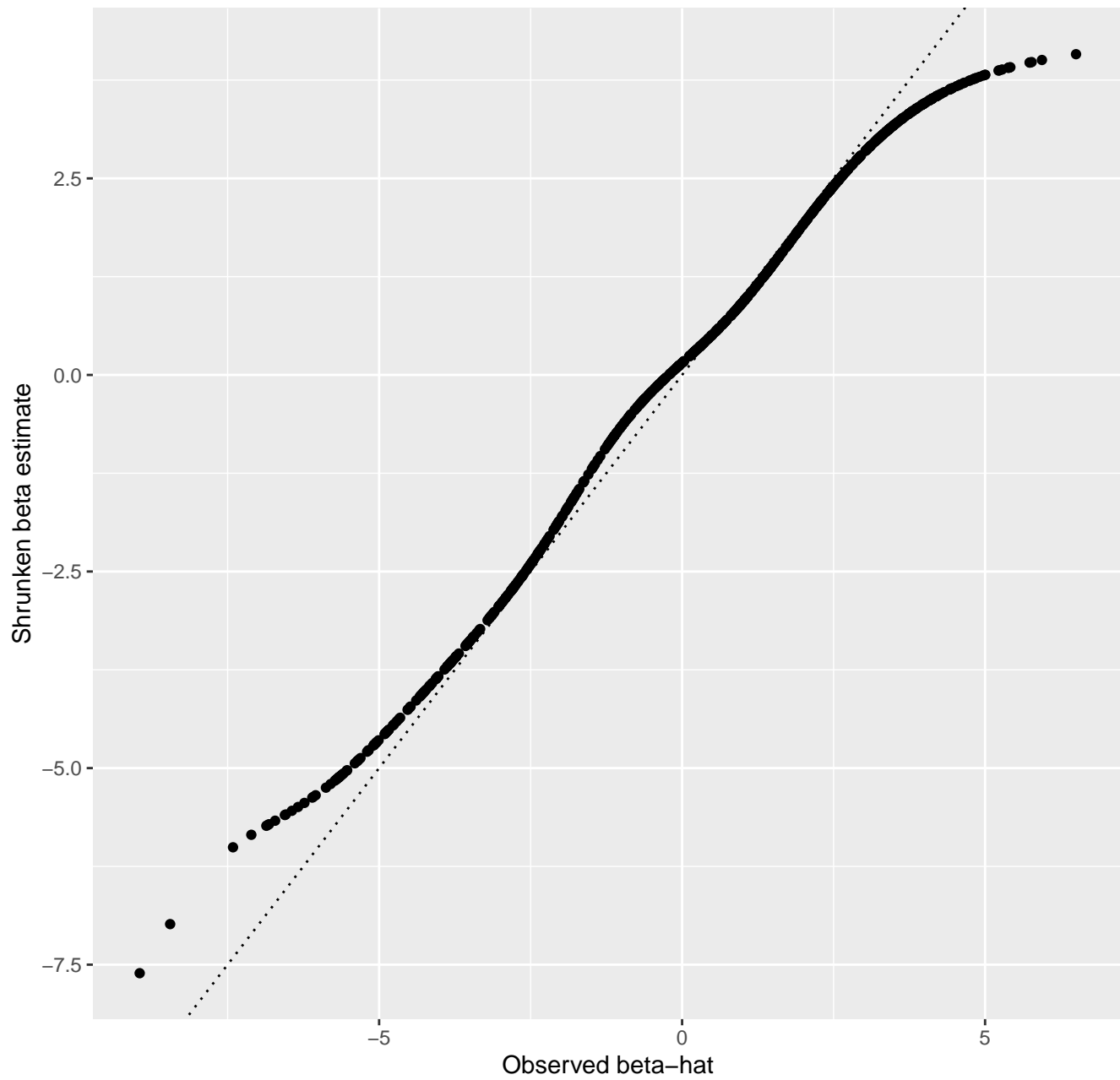
SNAI2\_(6591) negative



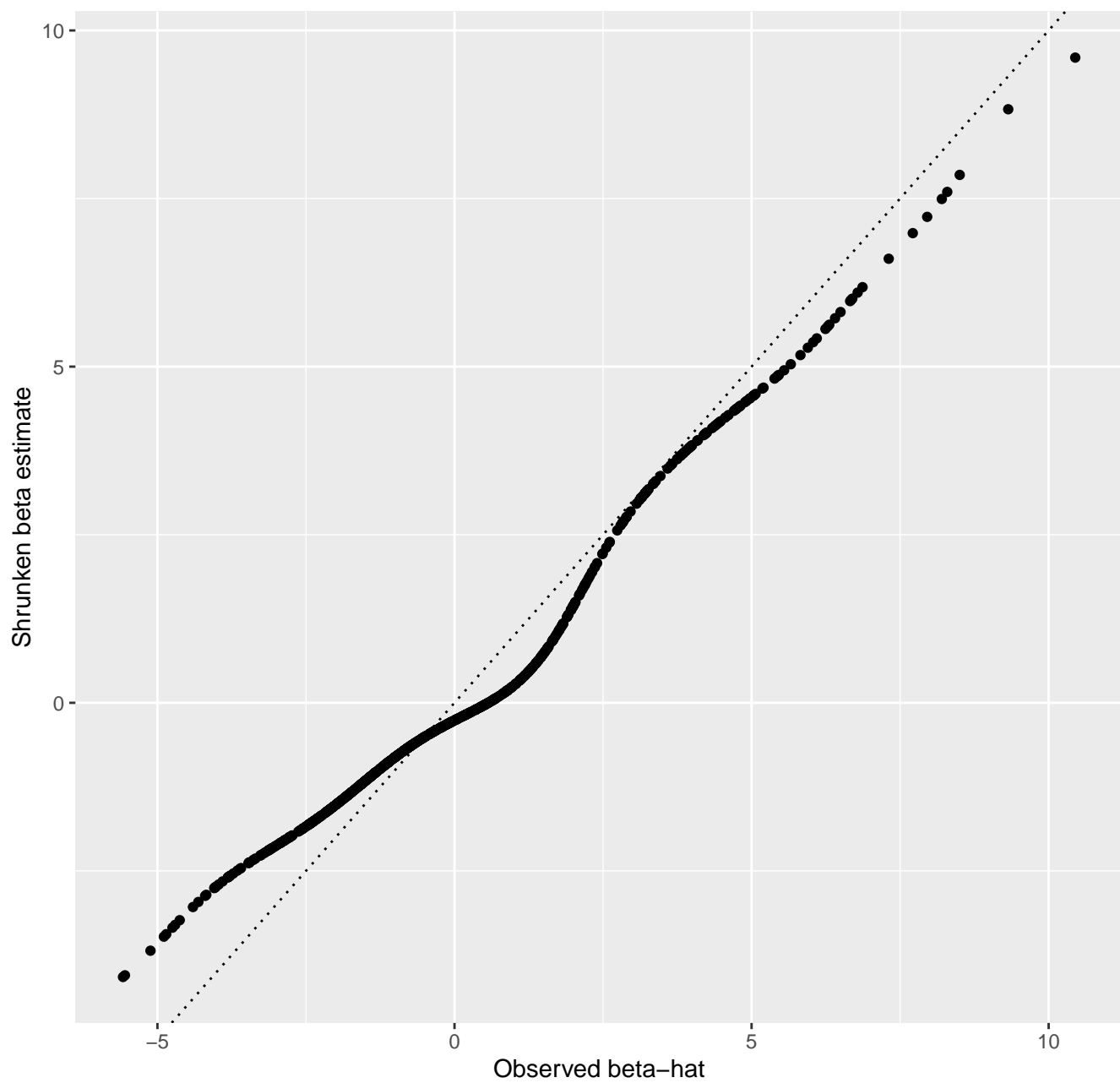
MVK\_(4598) positive



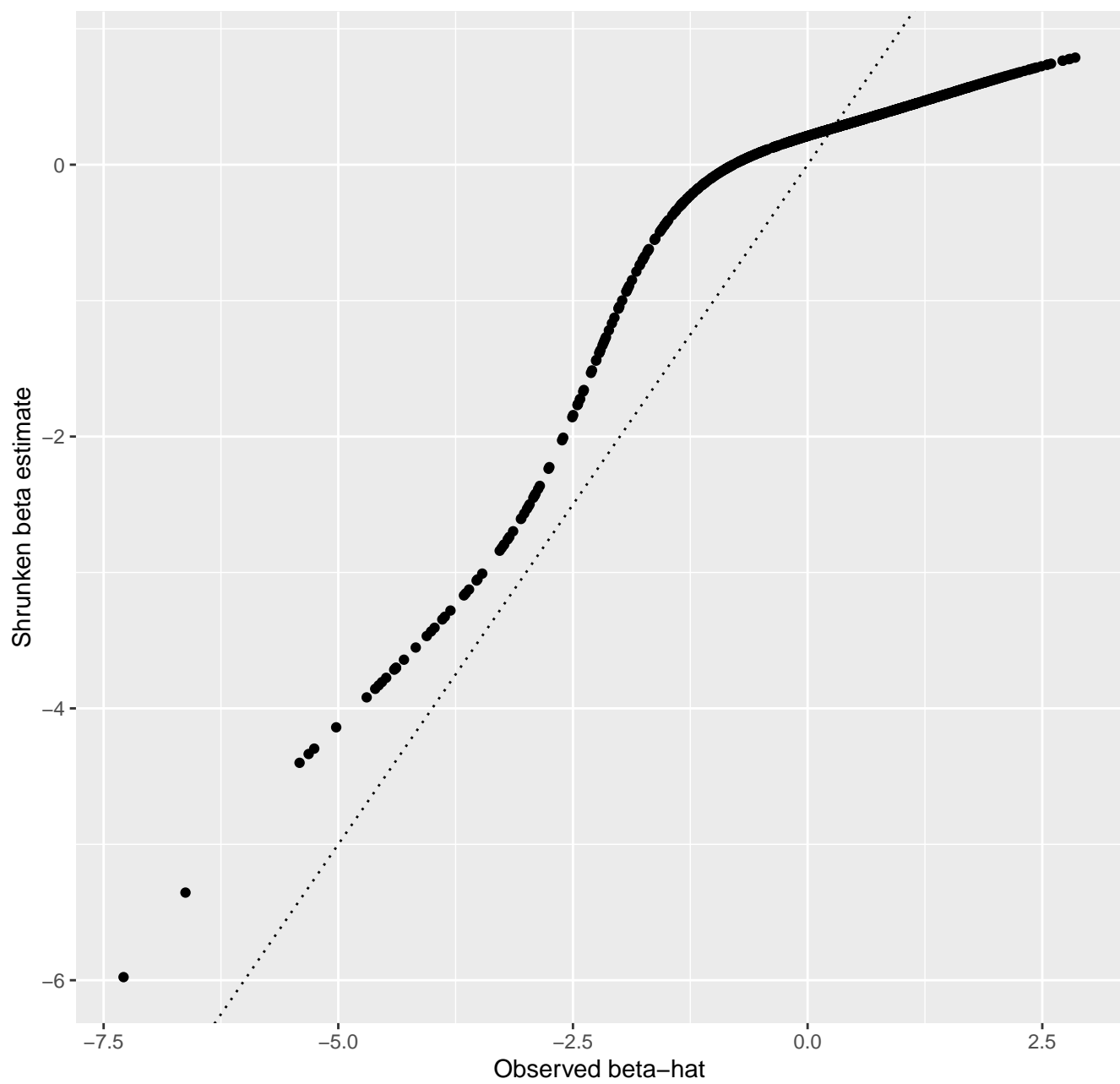
FERMT2\_(10979) negative



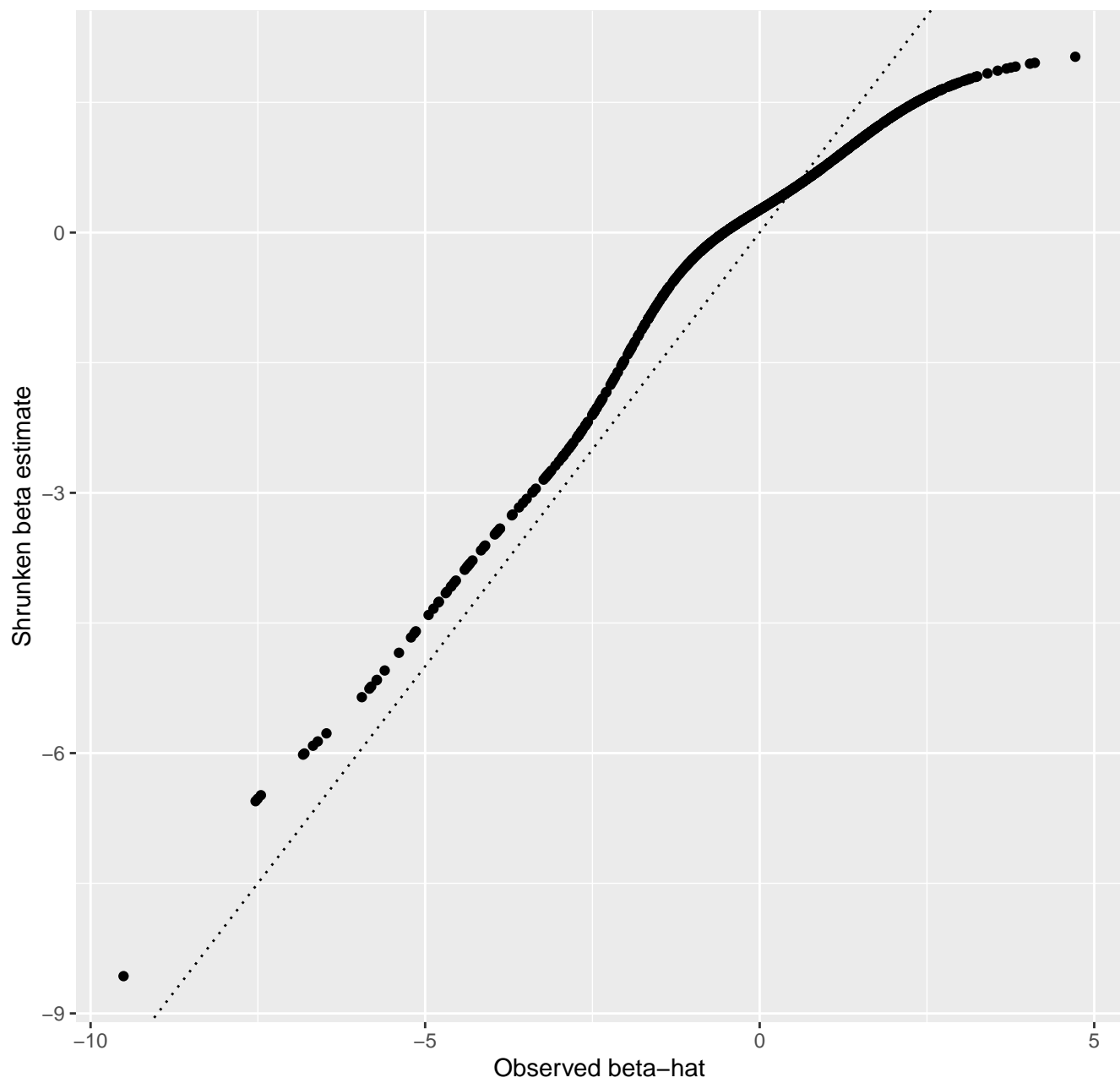
PPP1R12A\_(4659) positive



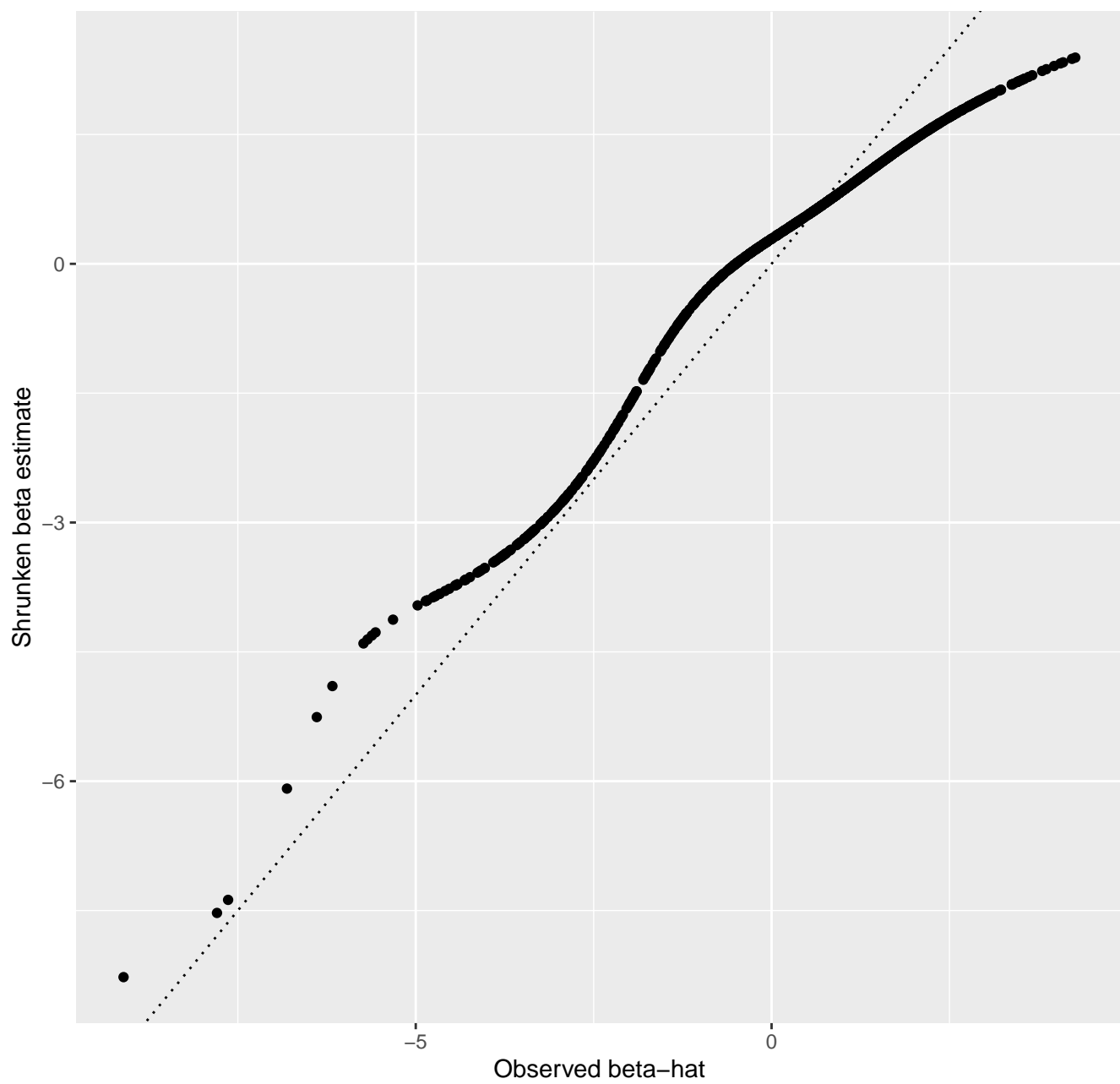
REXO2\_(25996) negative



ITGB5\_(3693) negative

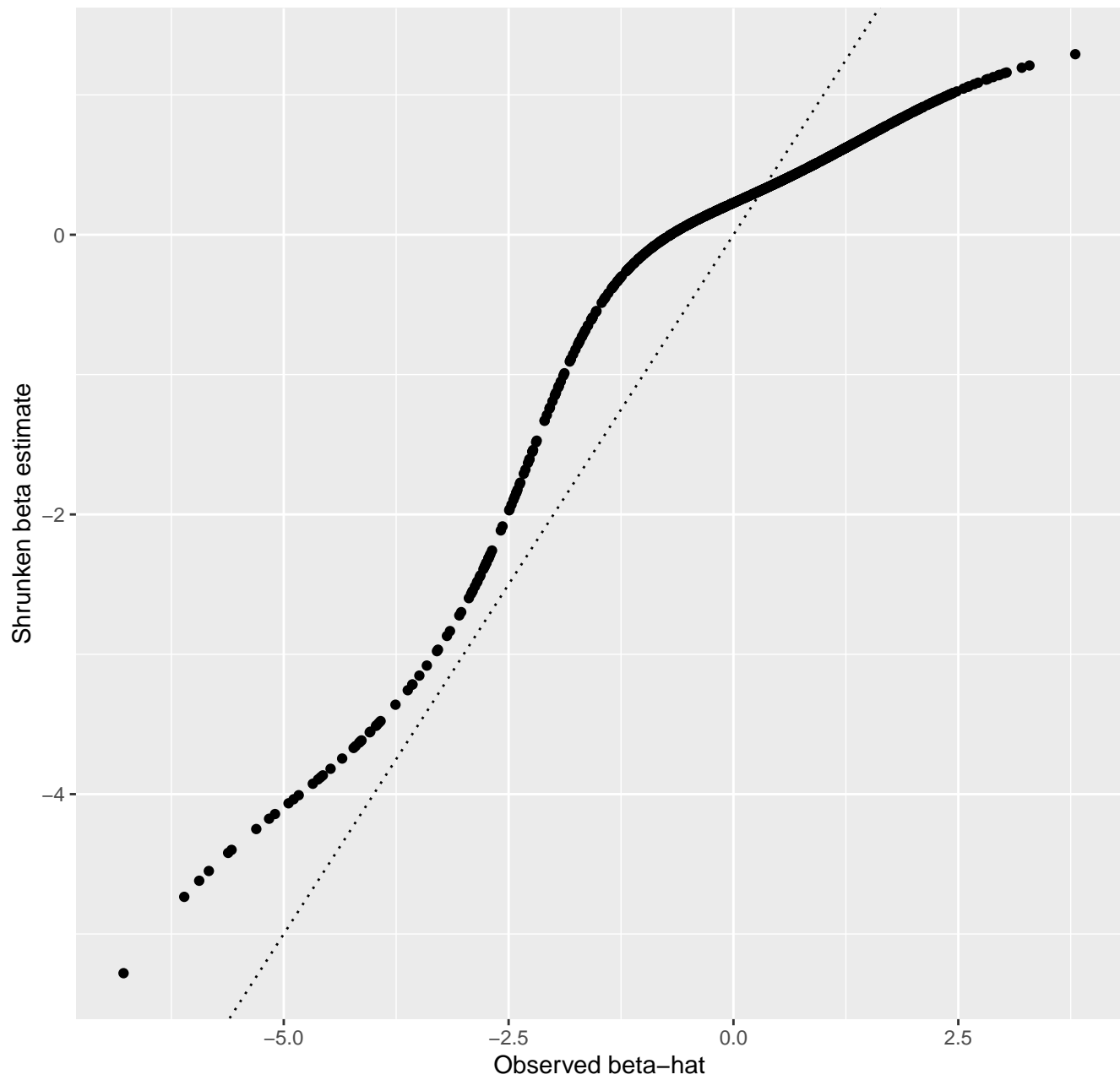


IPPK\_(64768) negative





PDE12\_(201626) negative



TDP2\_(51567) negative

Shrunken beta estimate

0

-2

-4

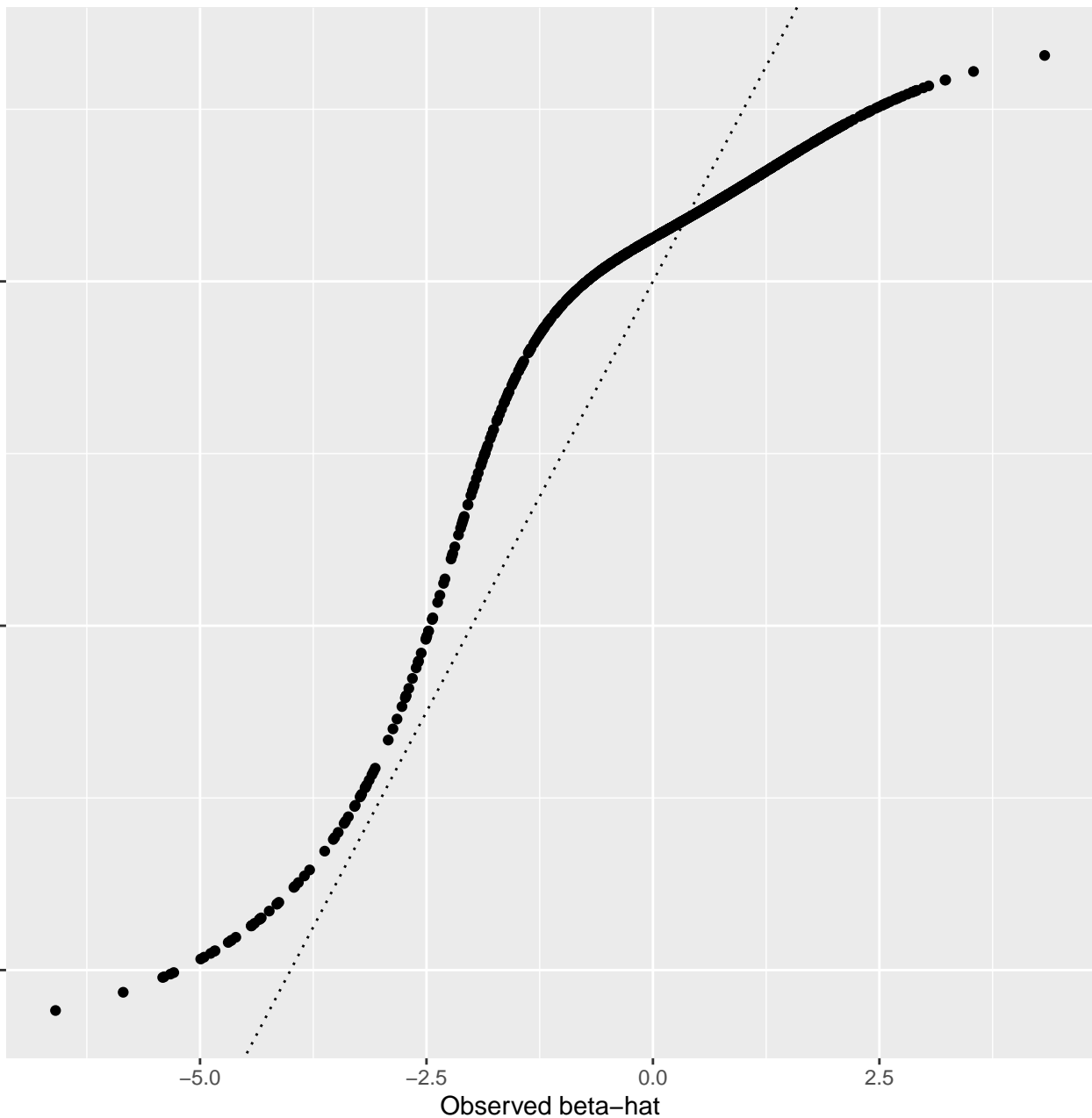
-5.0

-2.5

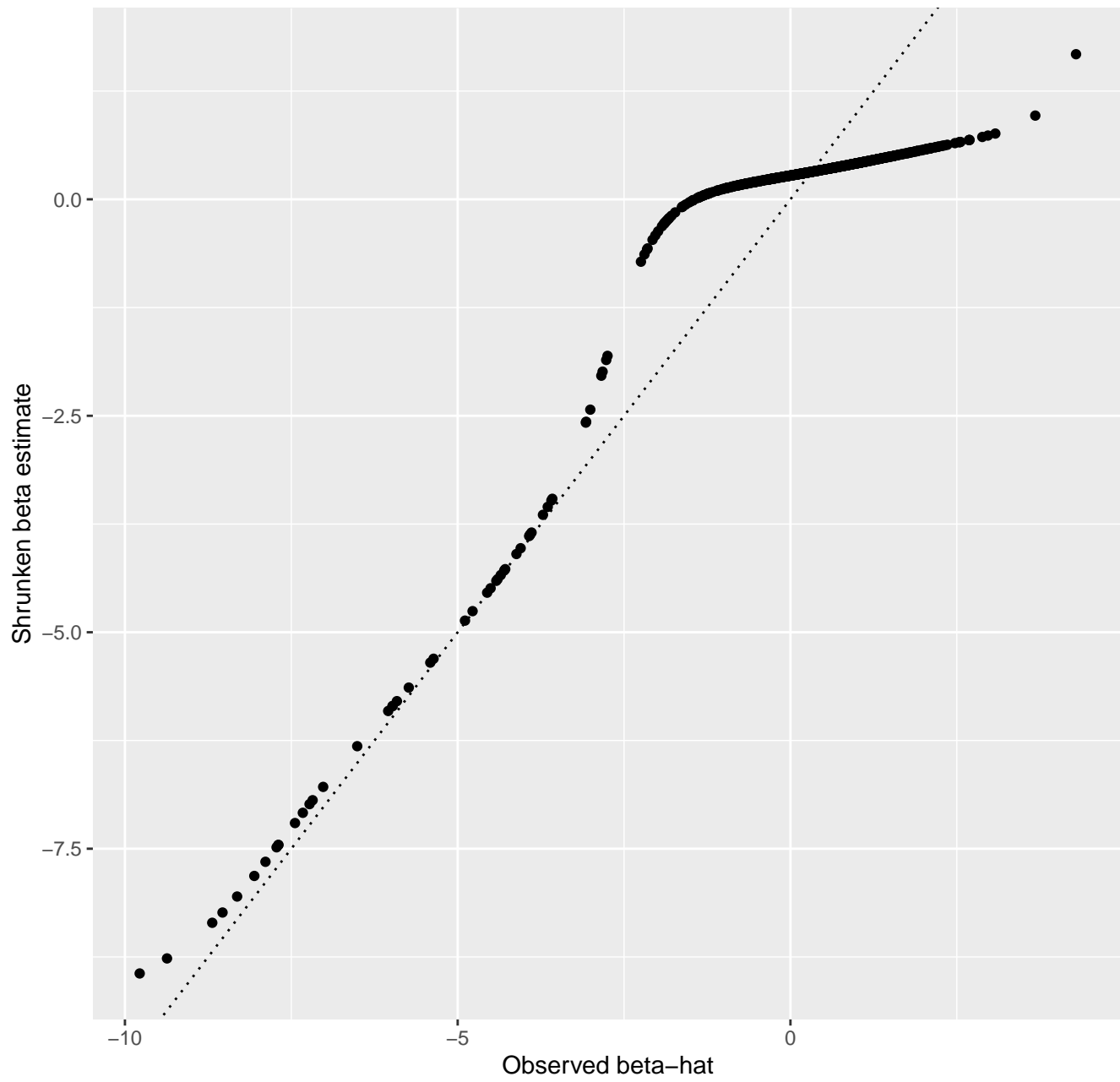
0.0

2.5

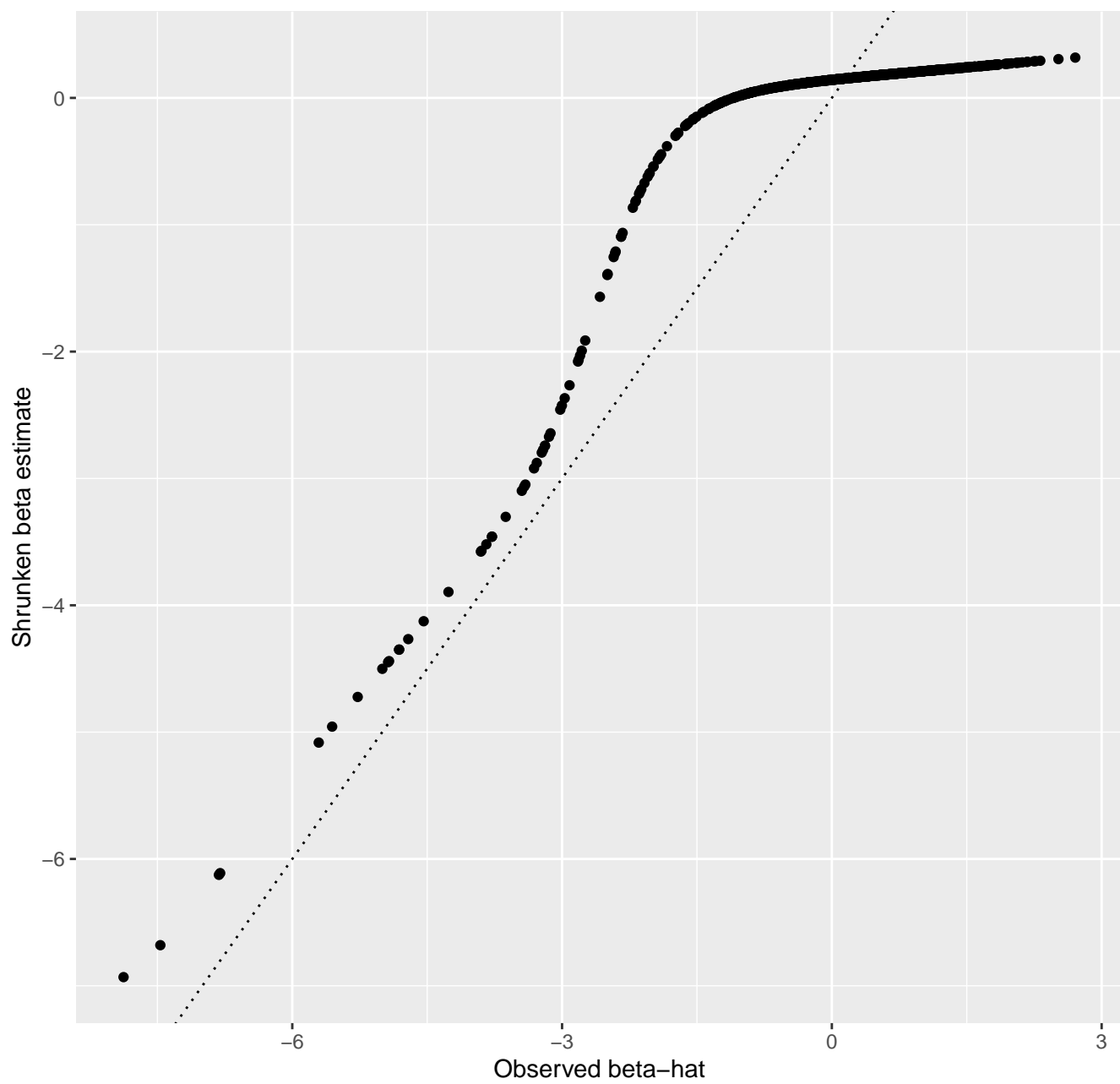
Observed beta-hat



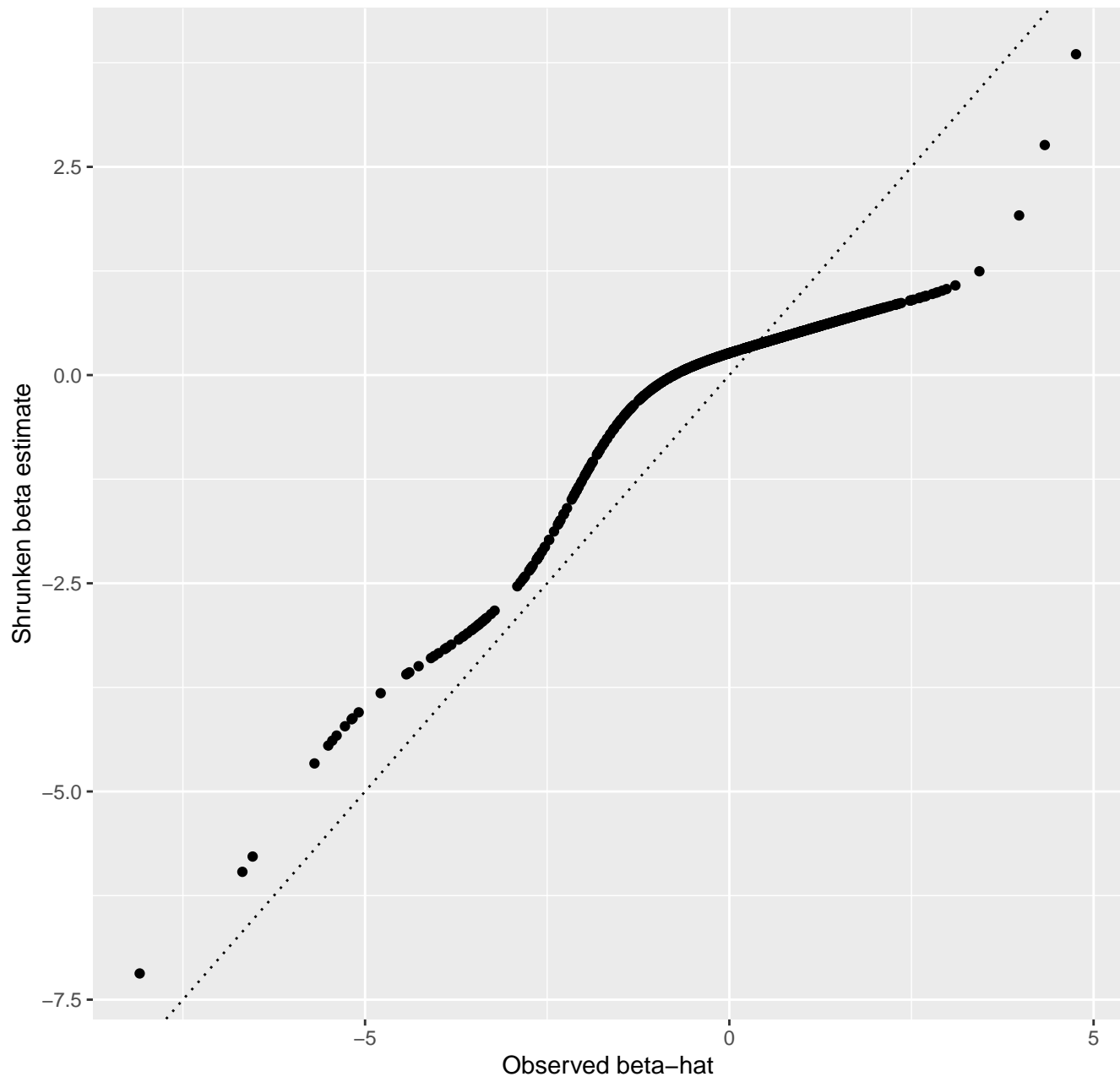
MYB\_(4602) negative



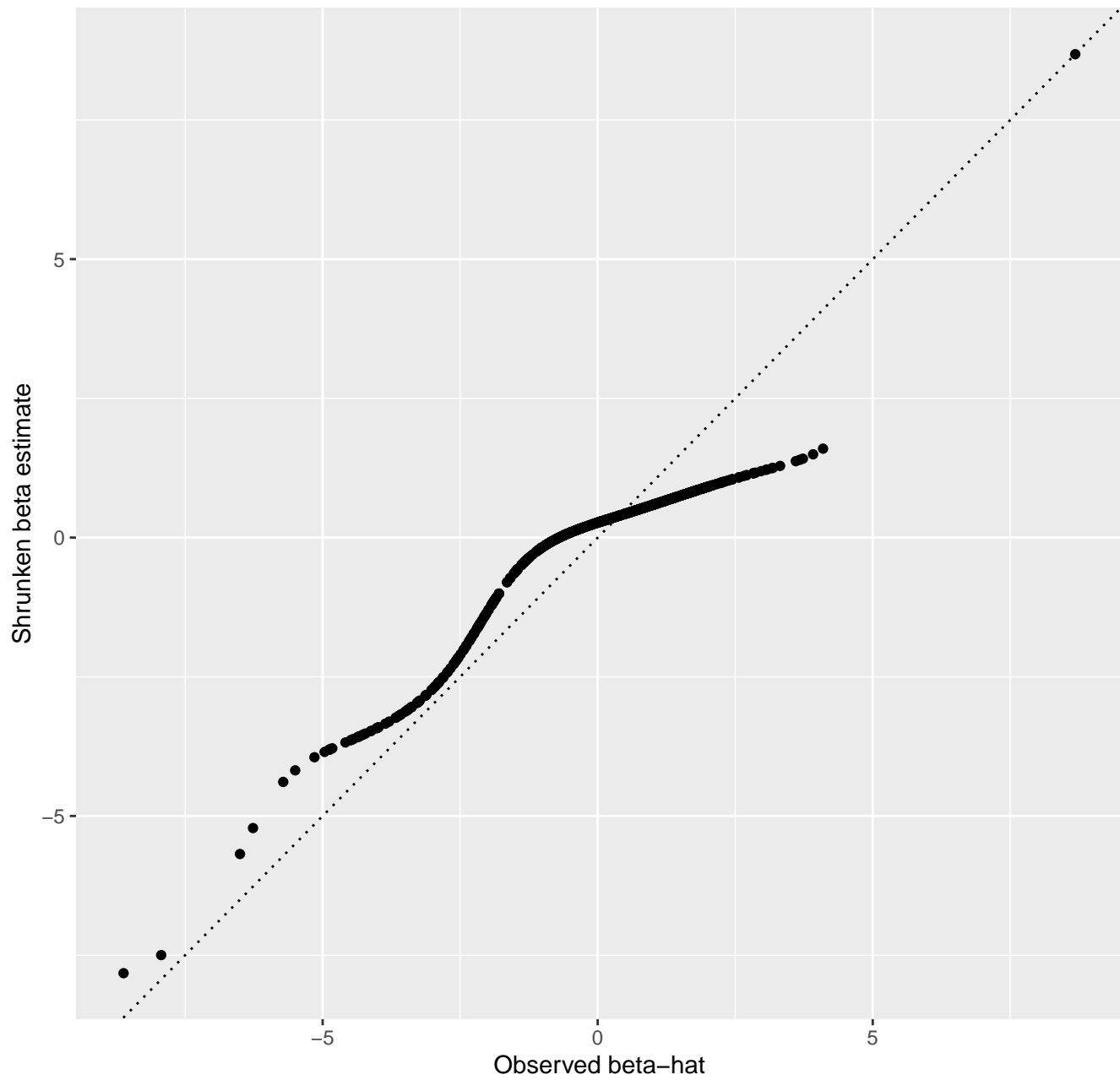
FITM2\_(128486) negative



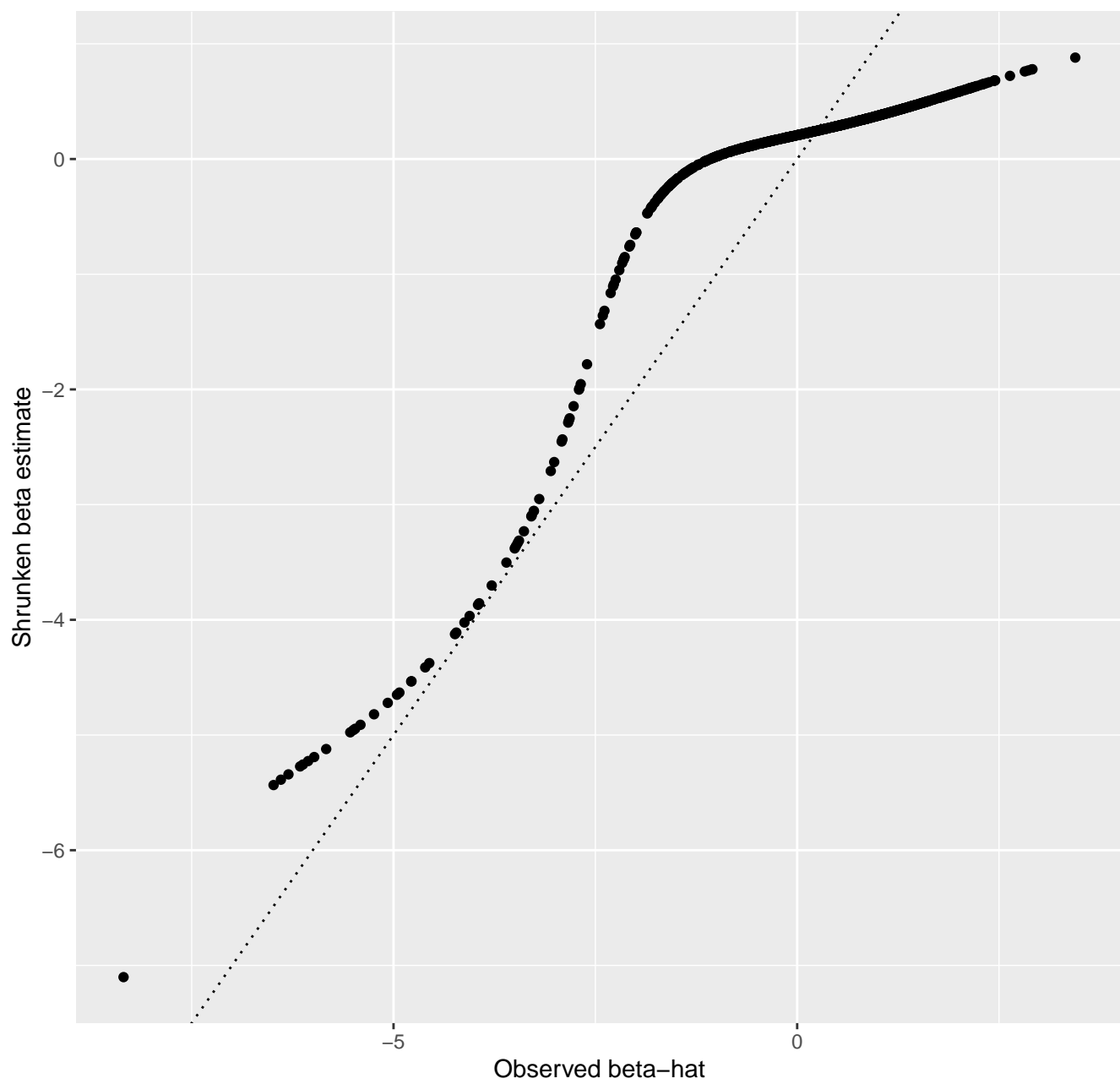
ZEB1\_(6935) negative



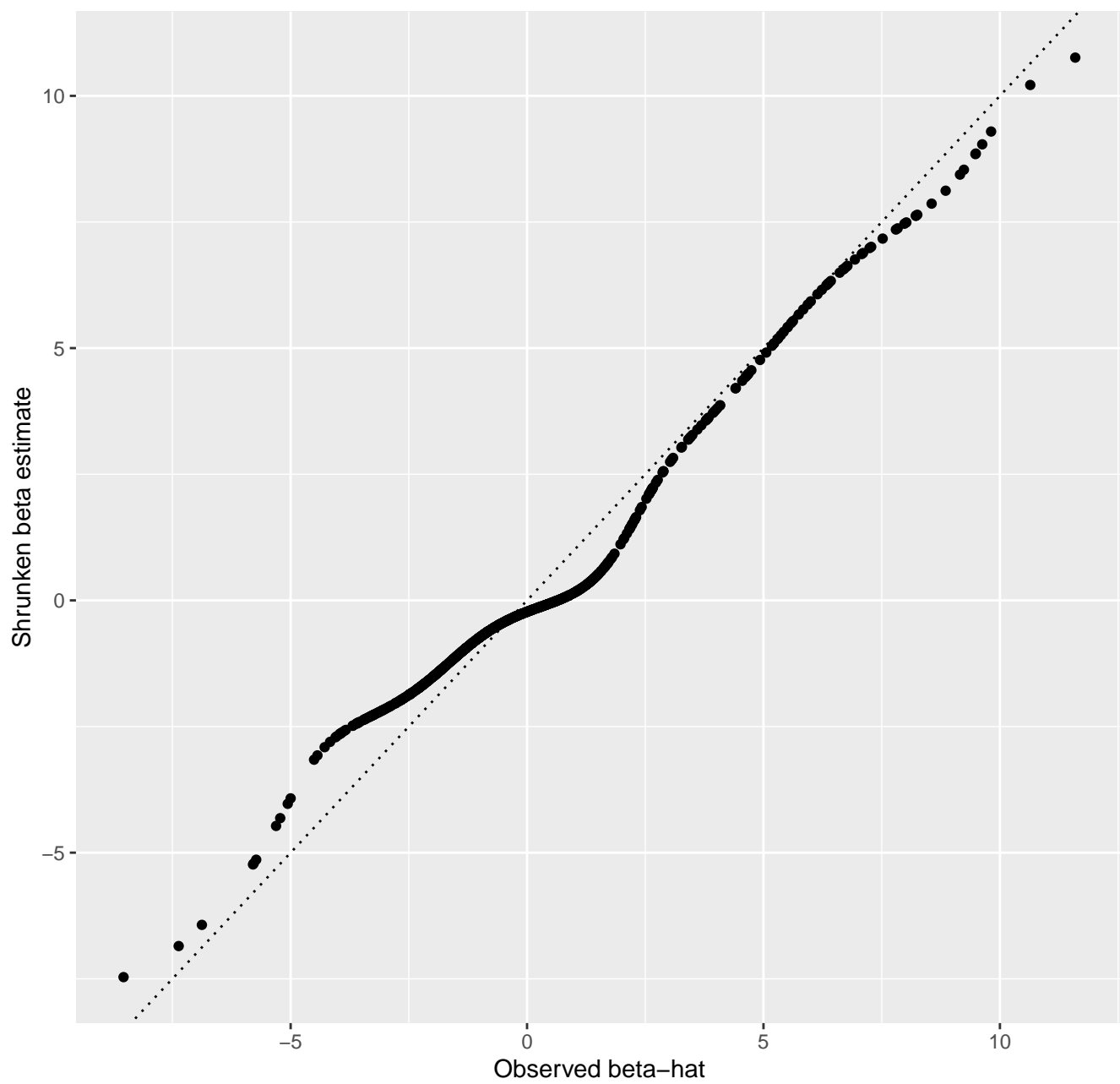
RNF31\_(55072) negative



GOT2\_(2806) negative



PSMB5\_(5693) positive





PRKCI\_(5584) negative

Shrunken beta estimate

0

-2

-4

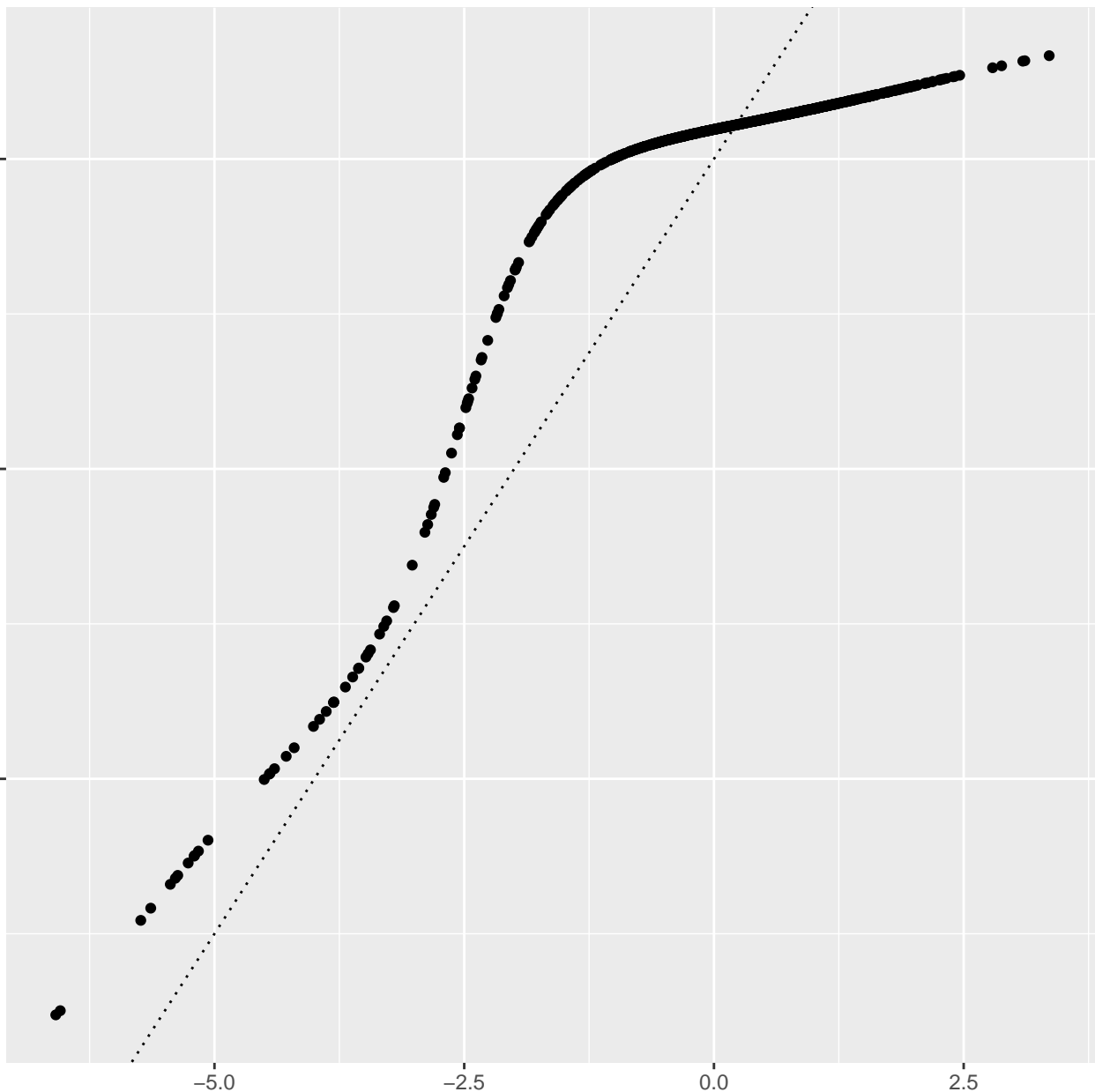
Observed beta-hat

-5.0

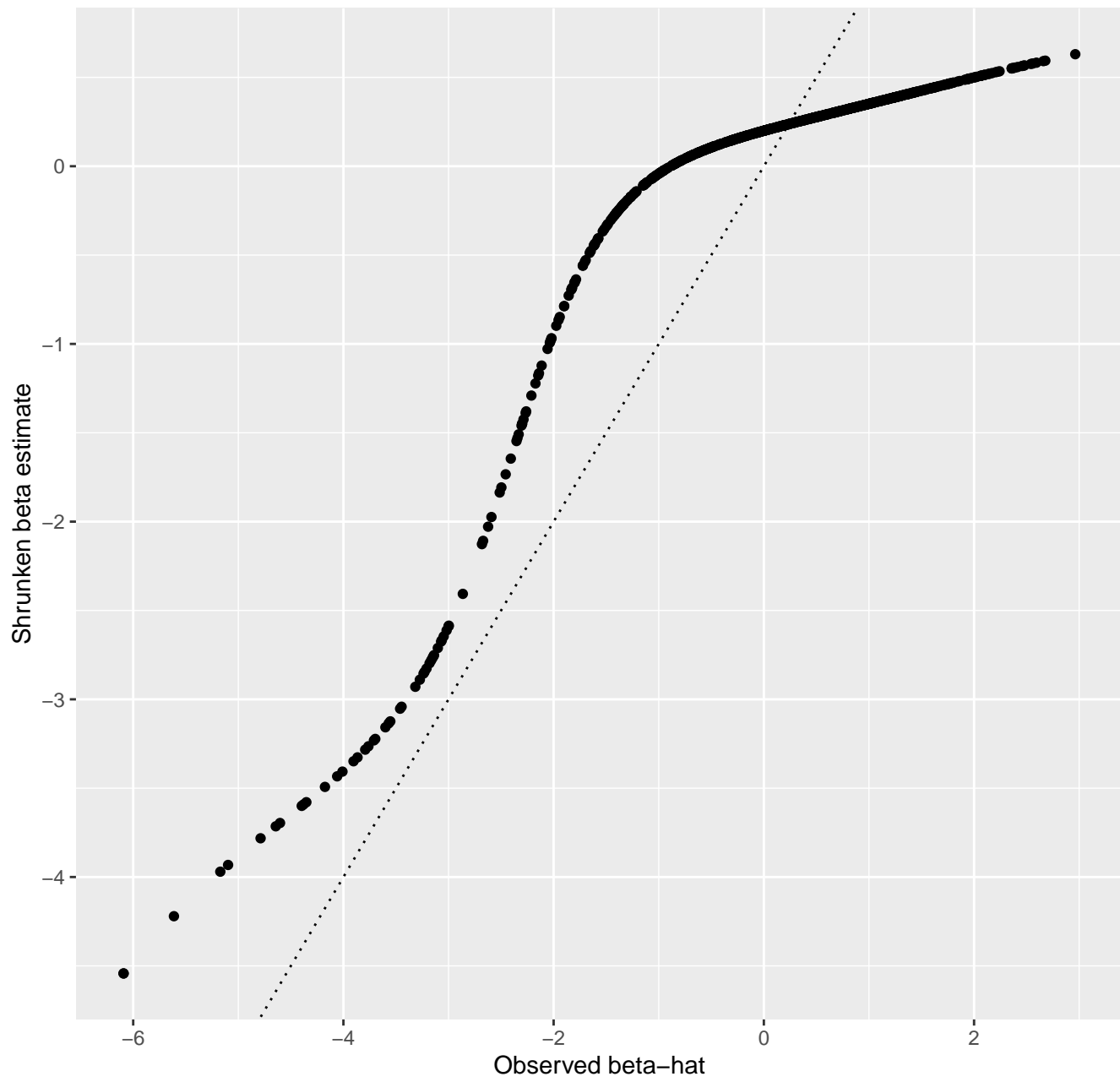
-2.5

0.0

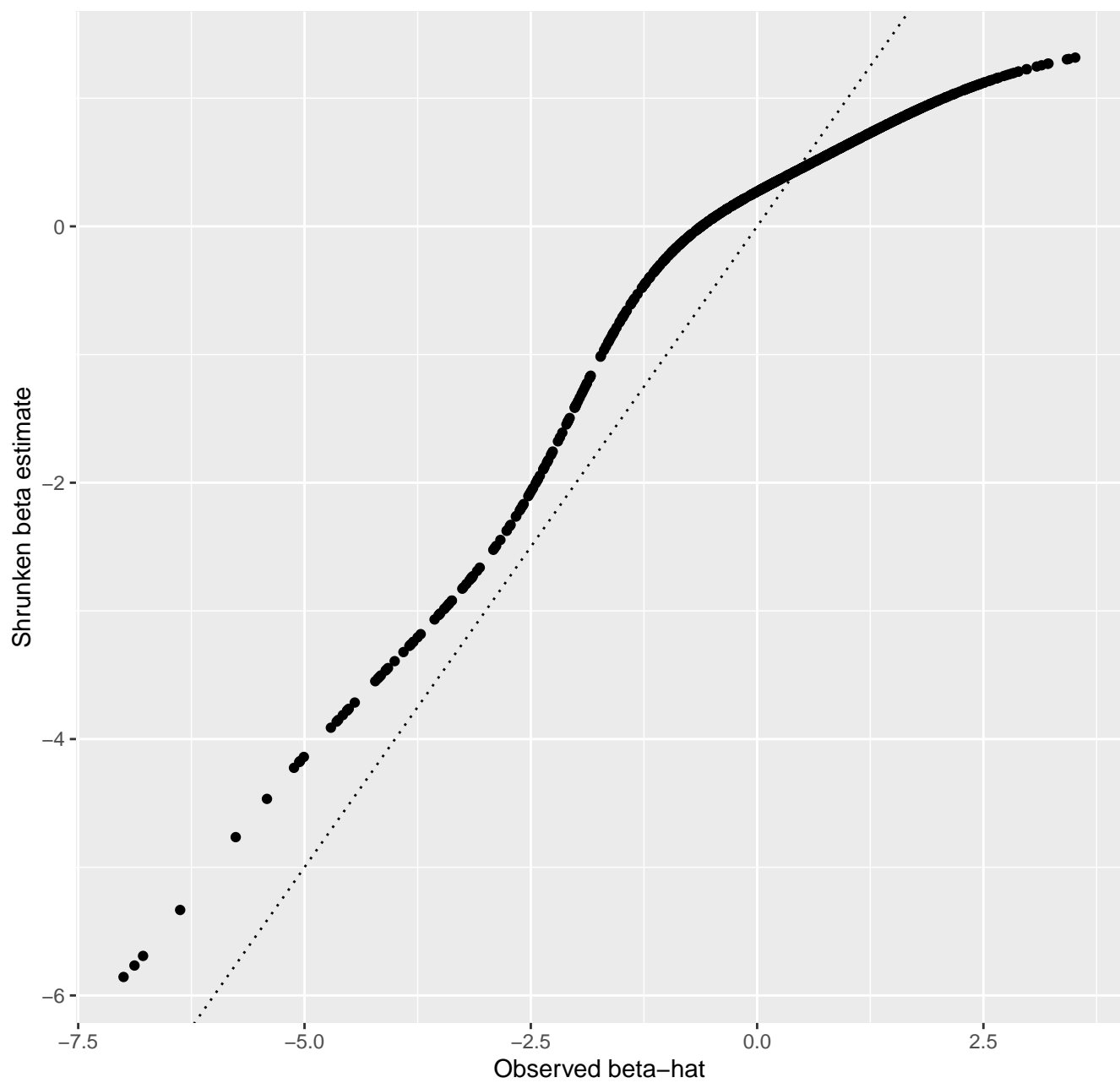
2.5



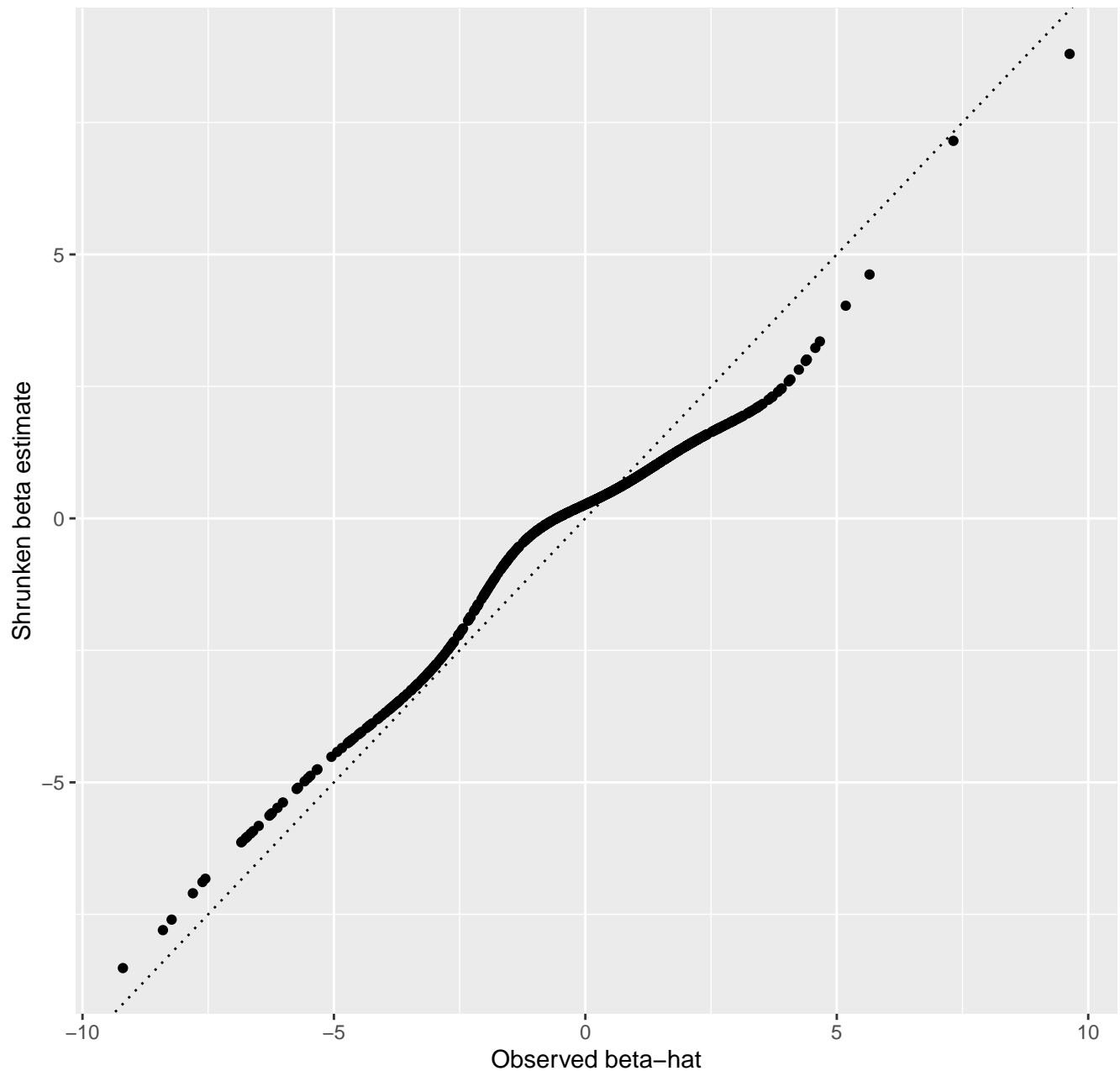
RNF25\_(64320) negative



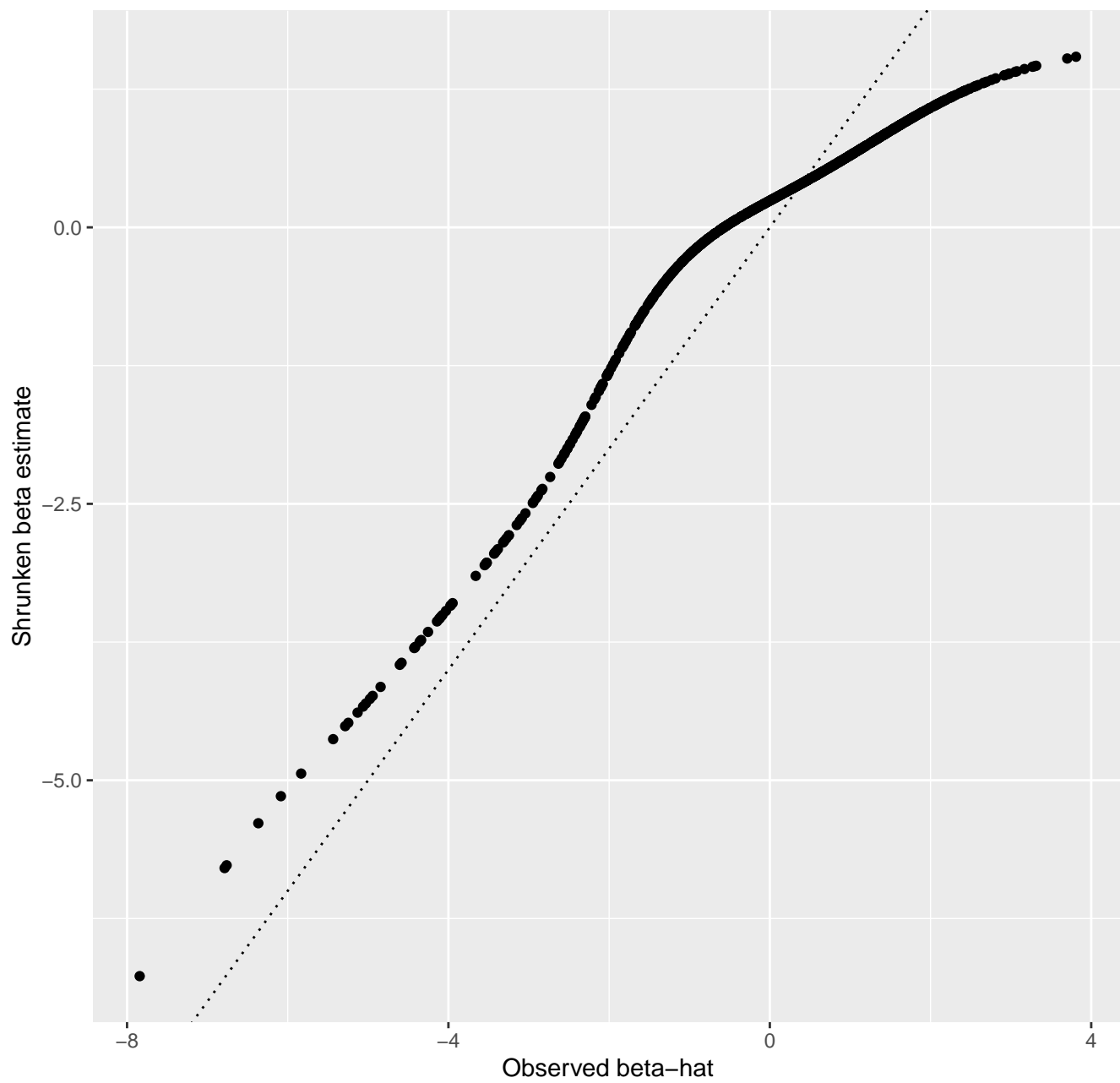
SLC30A9\_(10463) negative



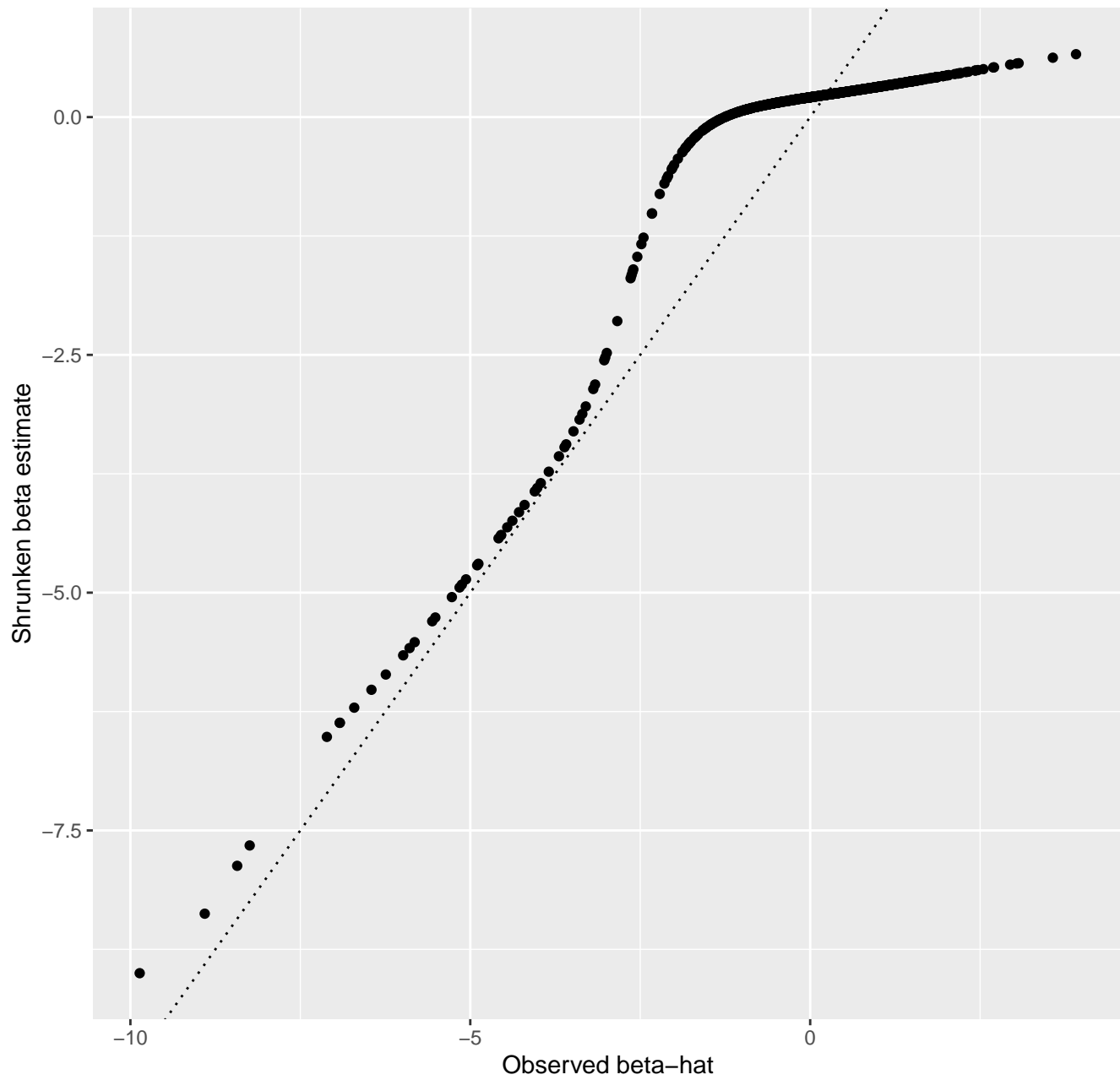
SOCS3\_(9021) negative



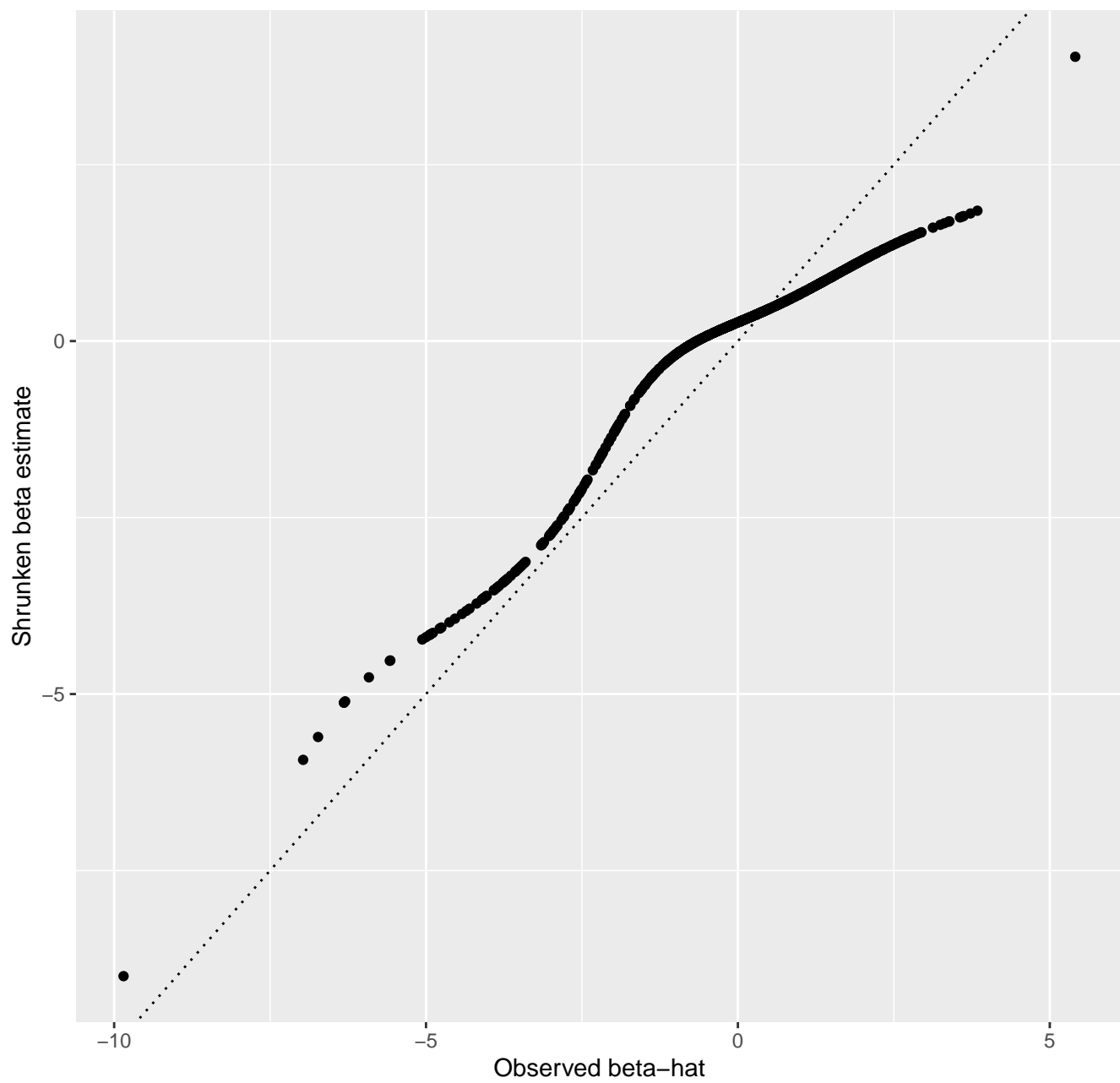
SLC33A1\_(9197) negative



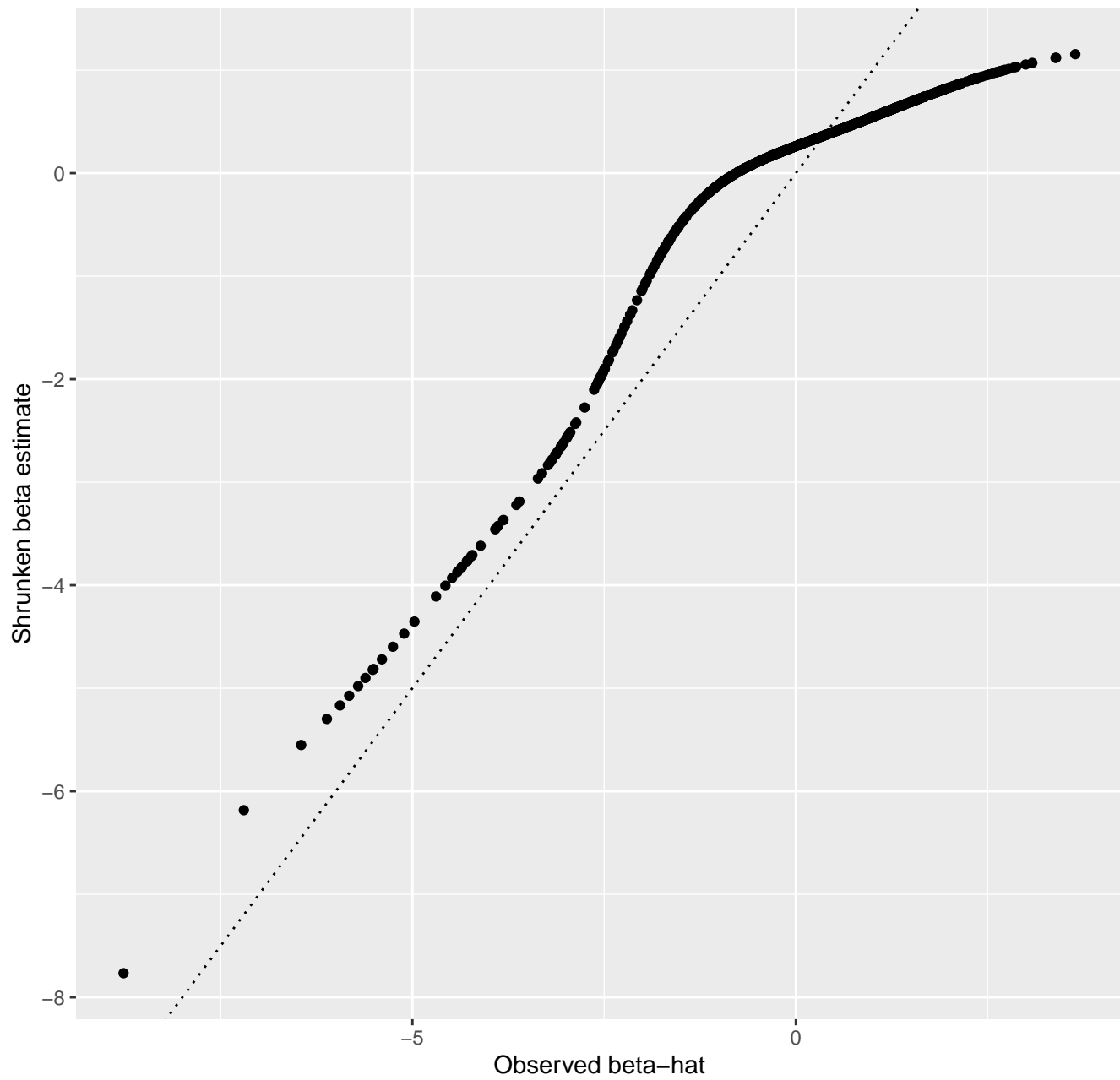
NFE2L2\_(4780) negative



DERL2\_(51009) negative

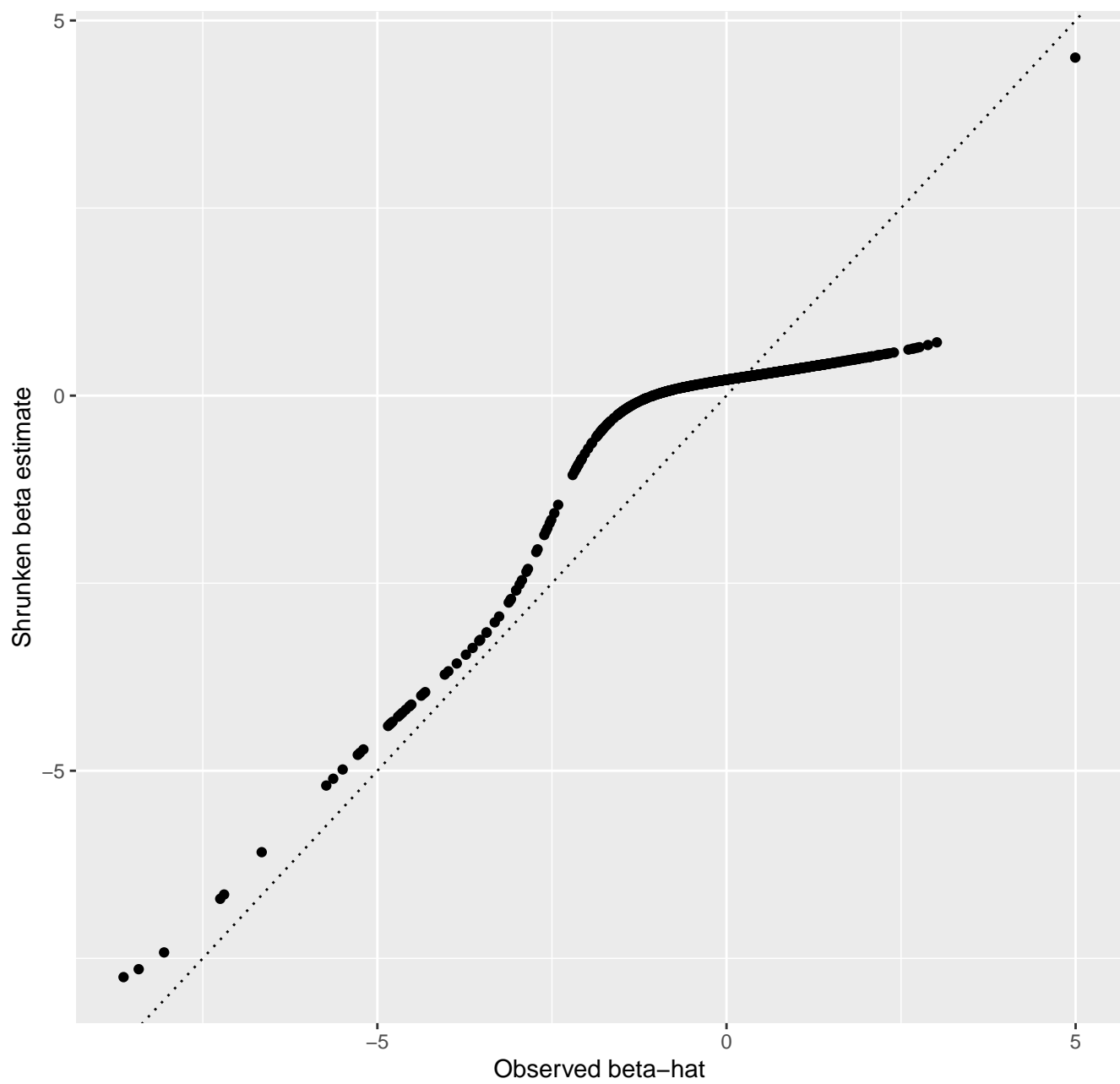


RAB18\_(22931) negative

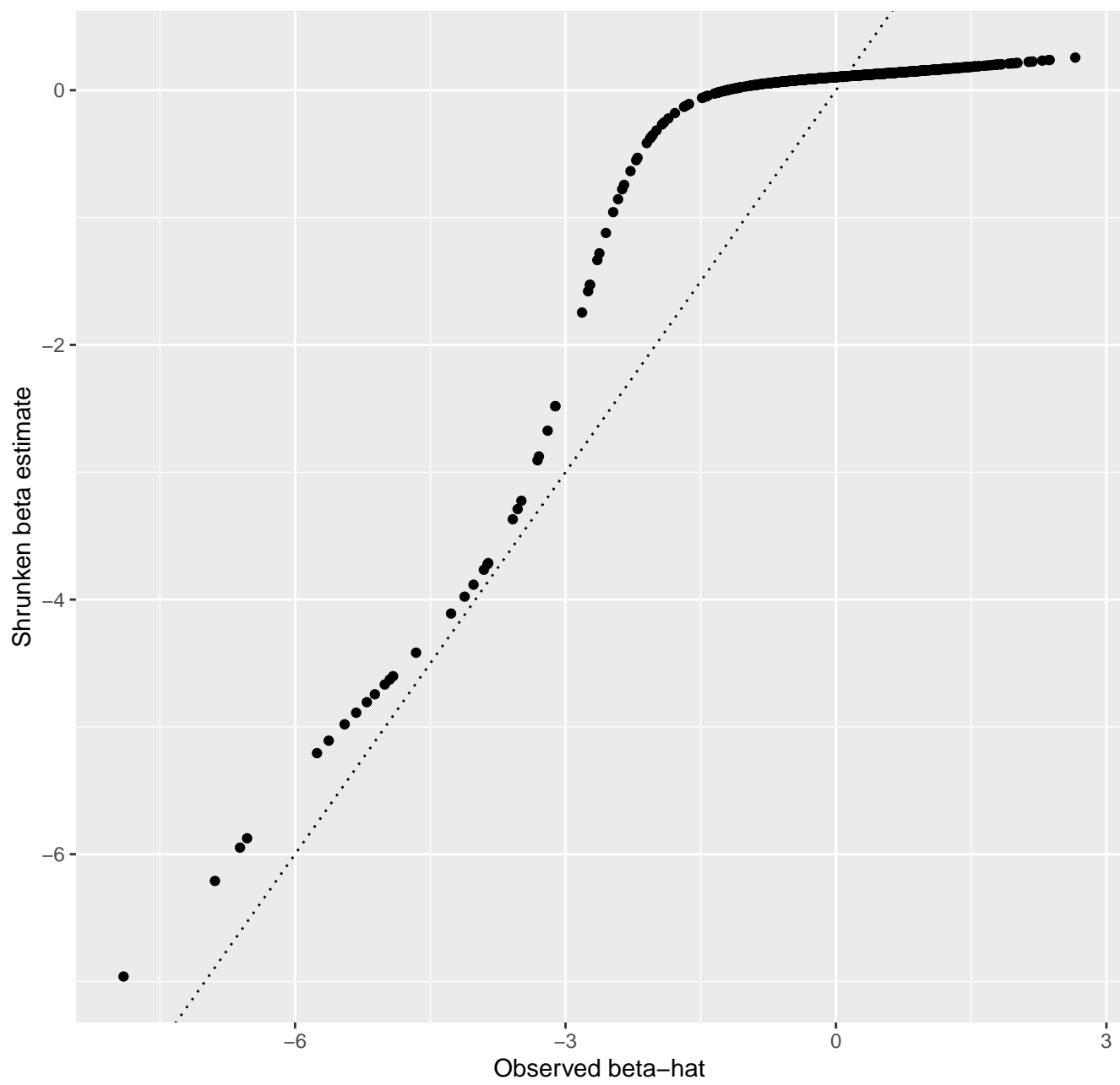




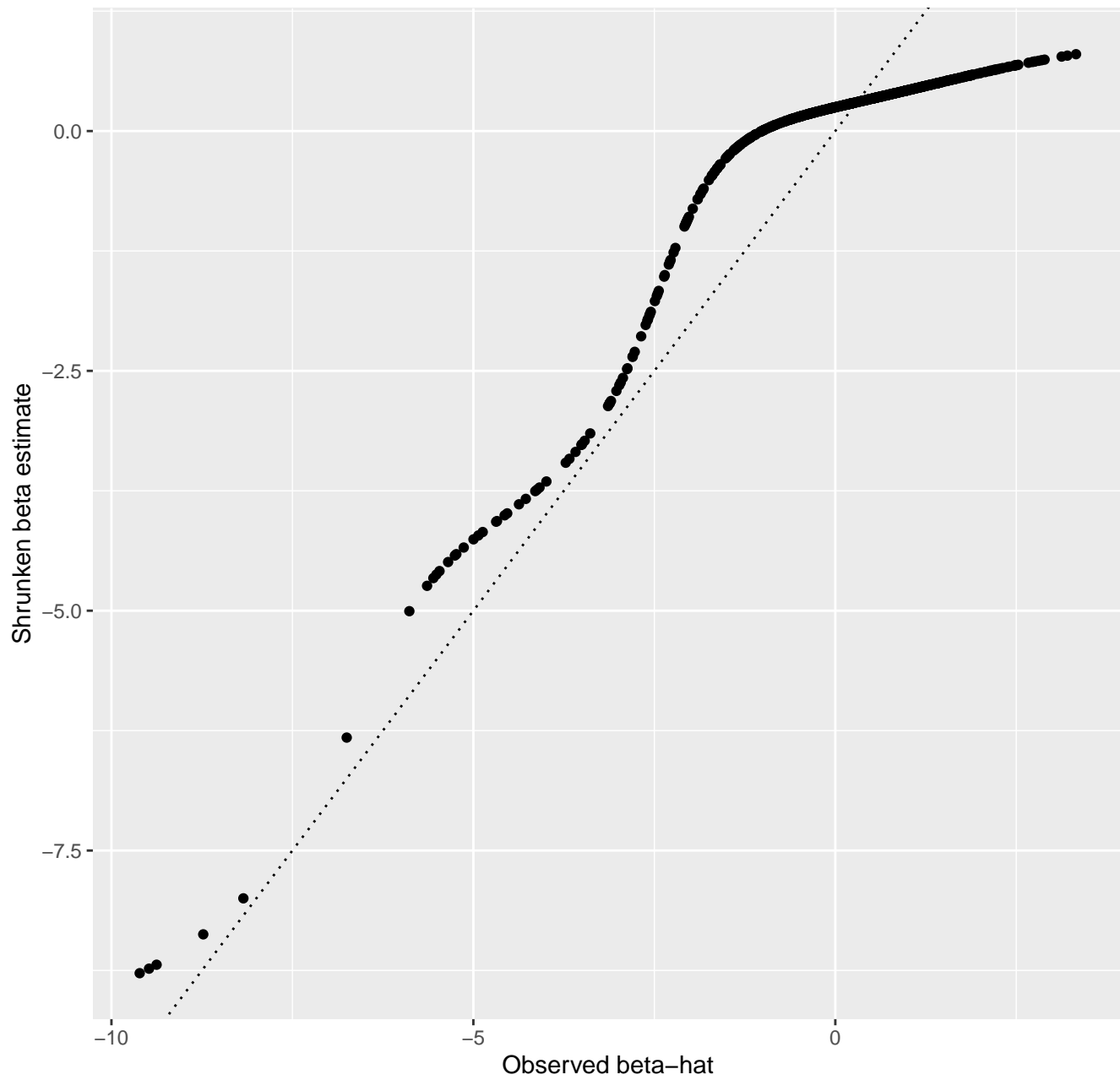
MTX2\_(10651) negative



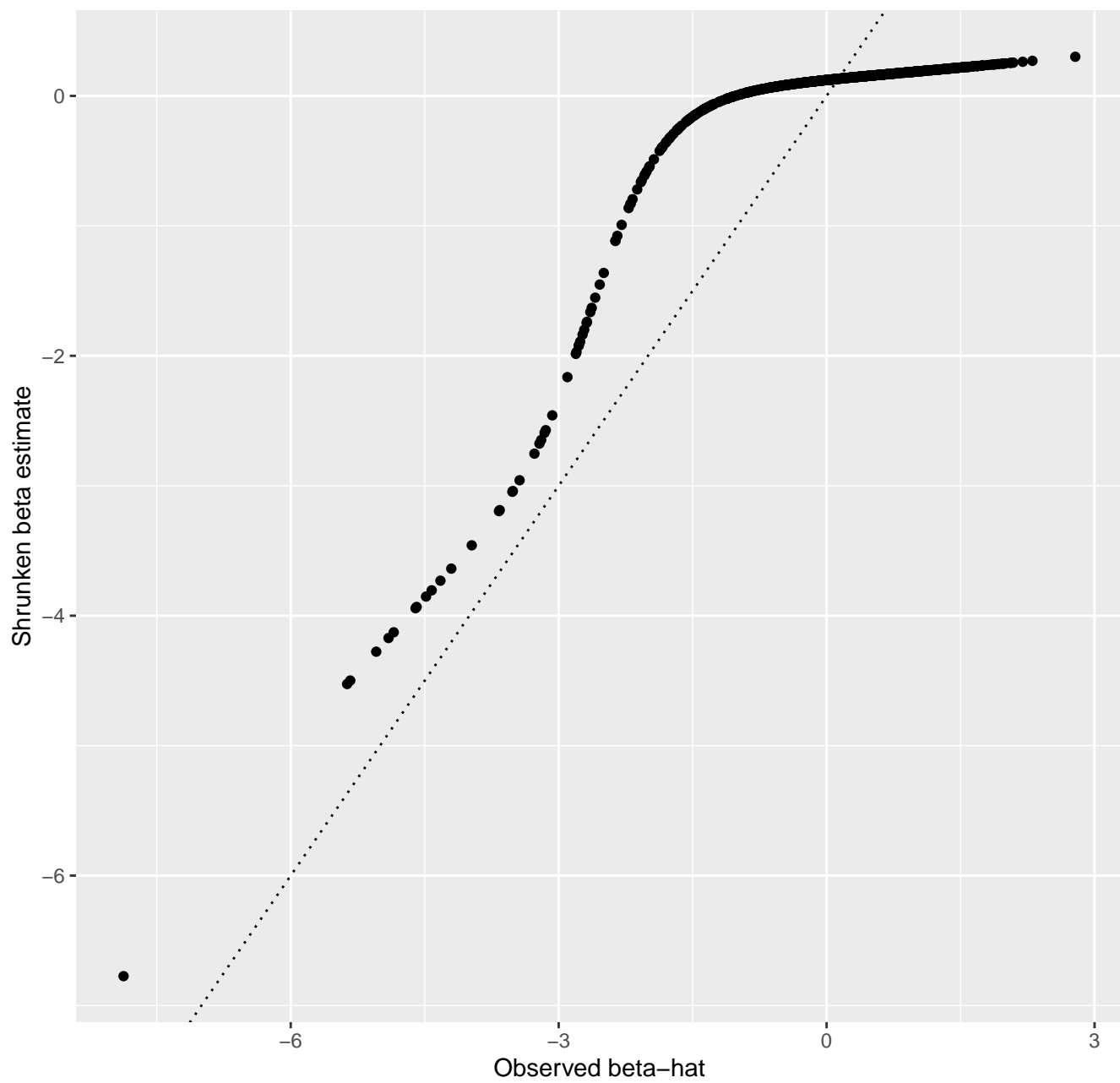
BCL2\_(596) negative



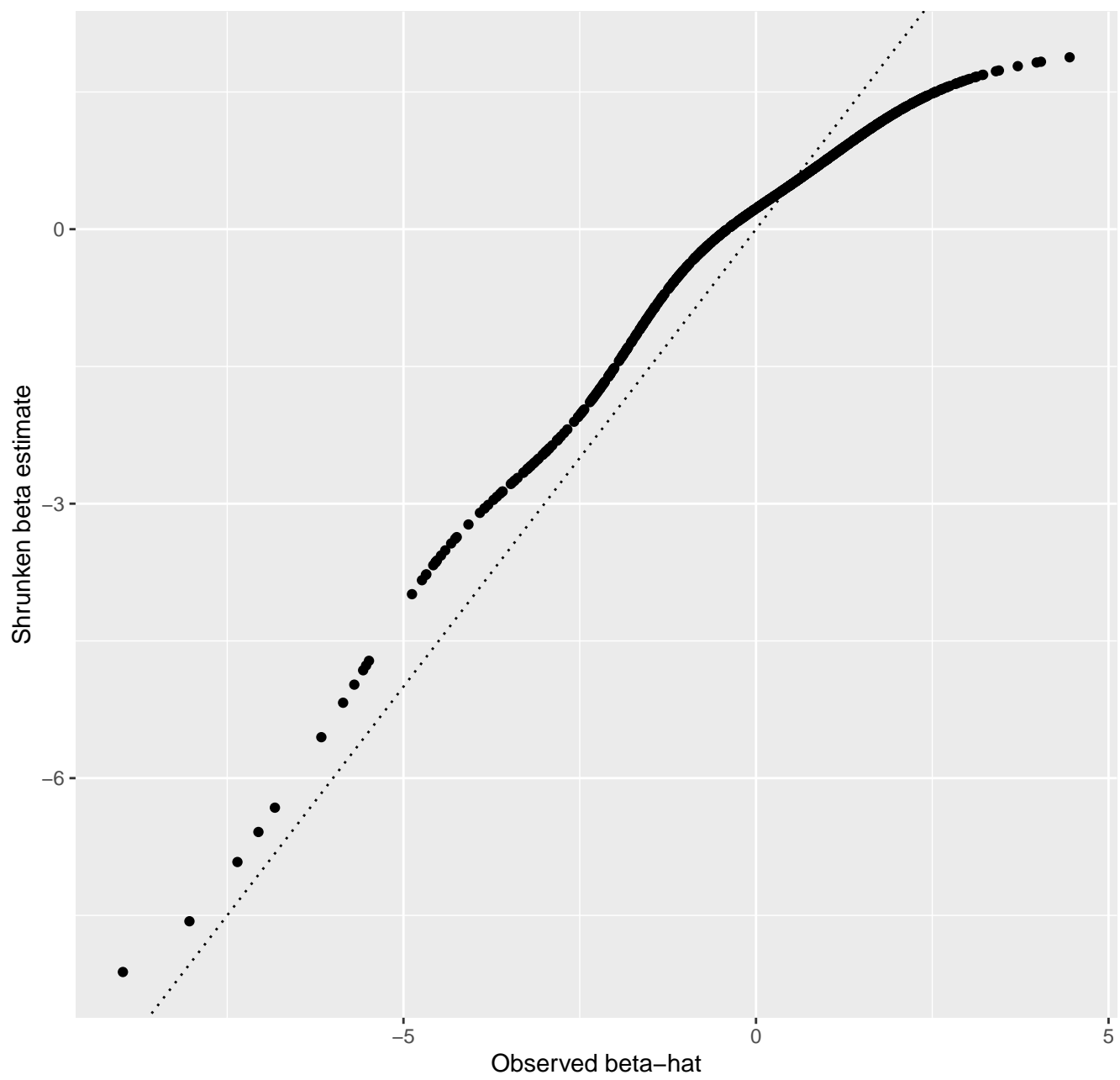
DOCK5\_(80005) negative



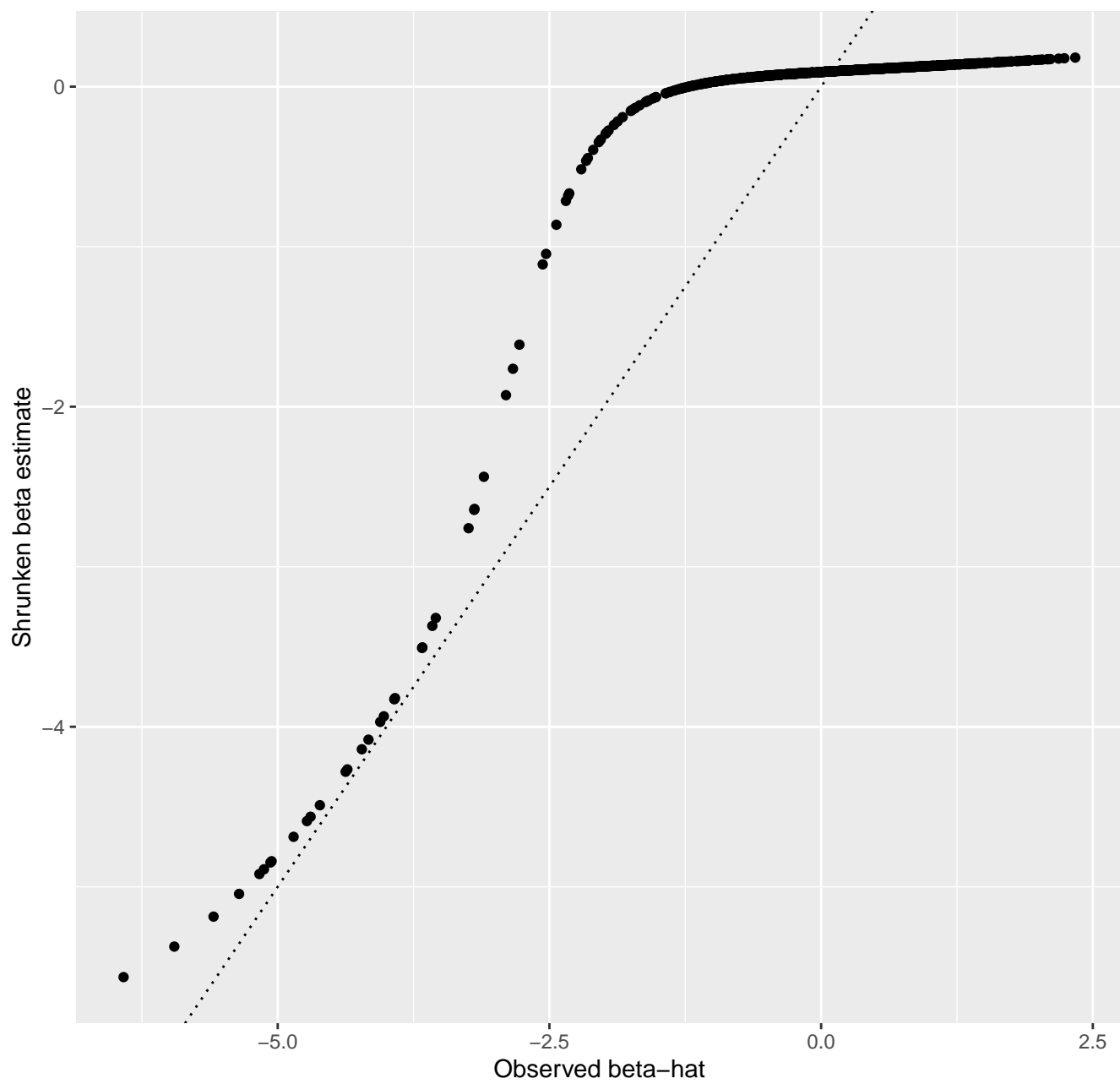
STEAP3\_(55240) negative



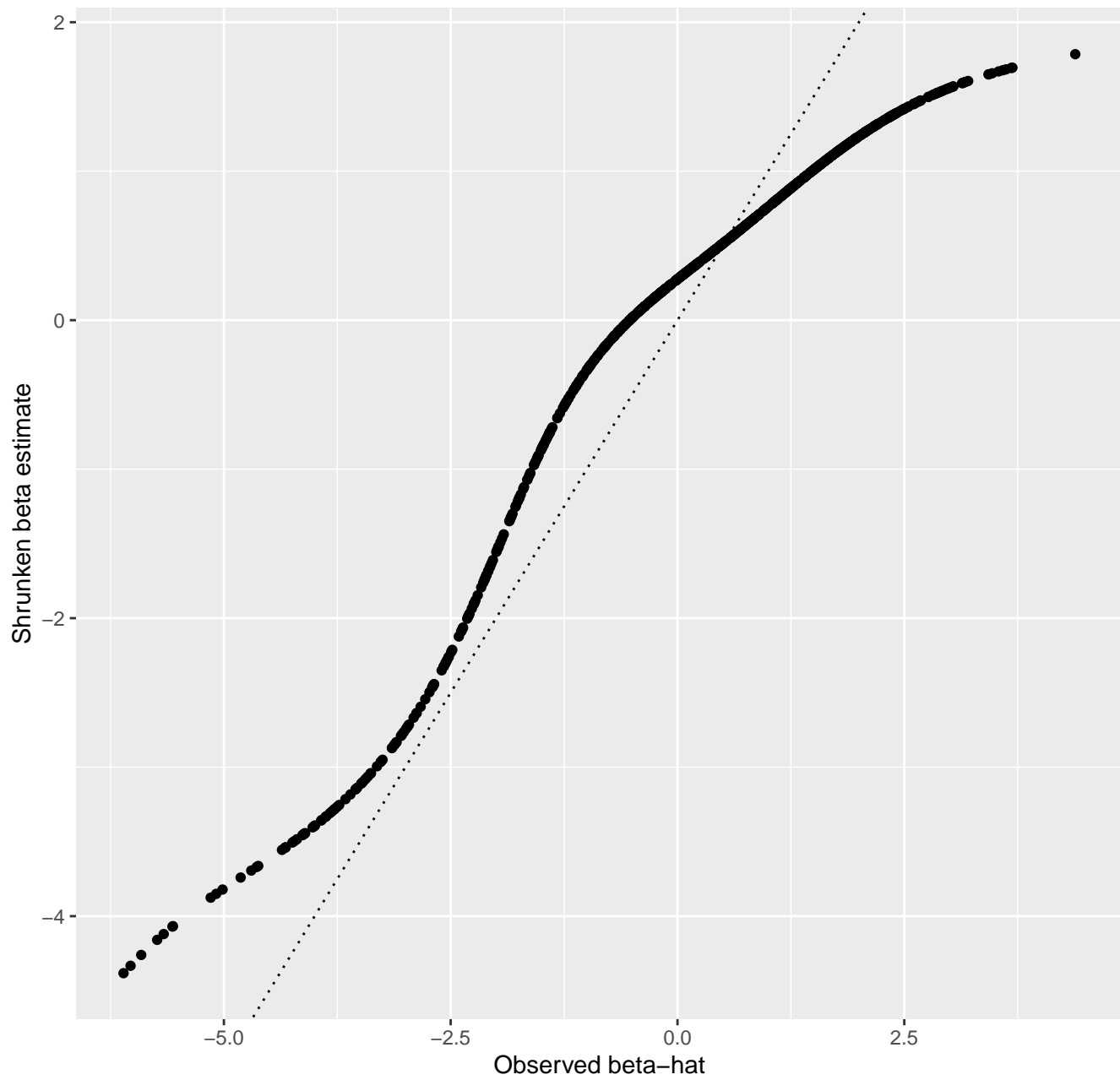
SLC35B2\_(347734) negative



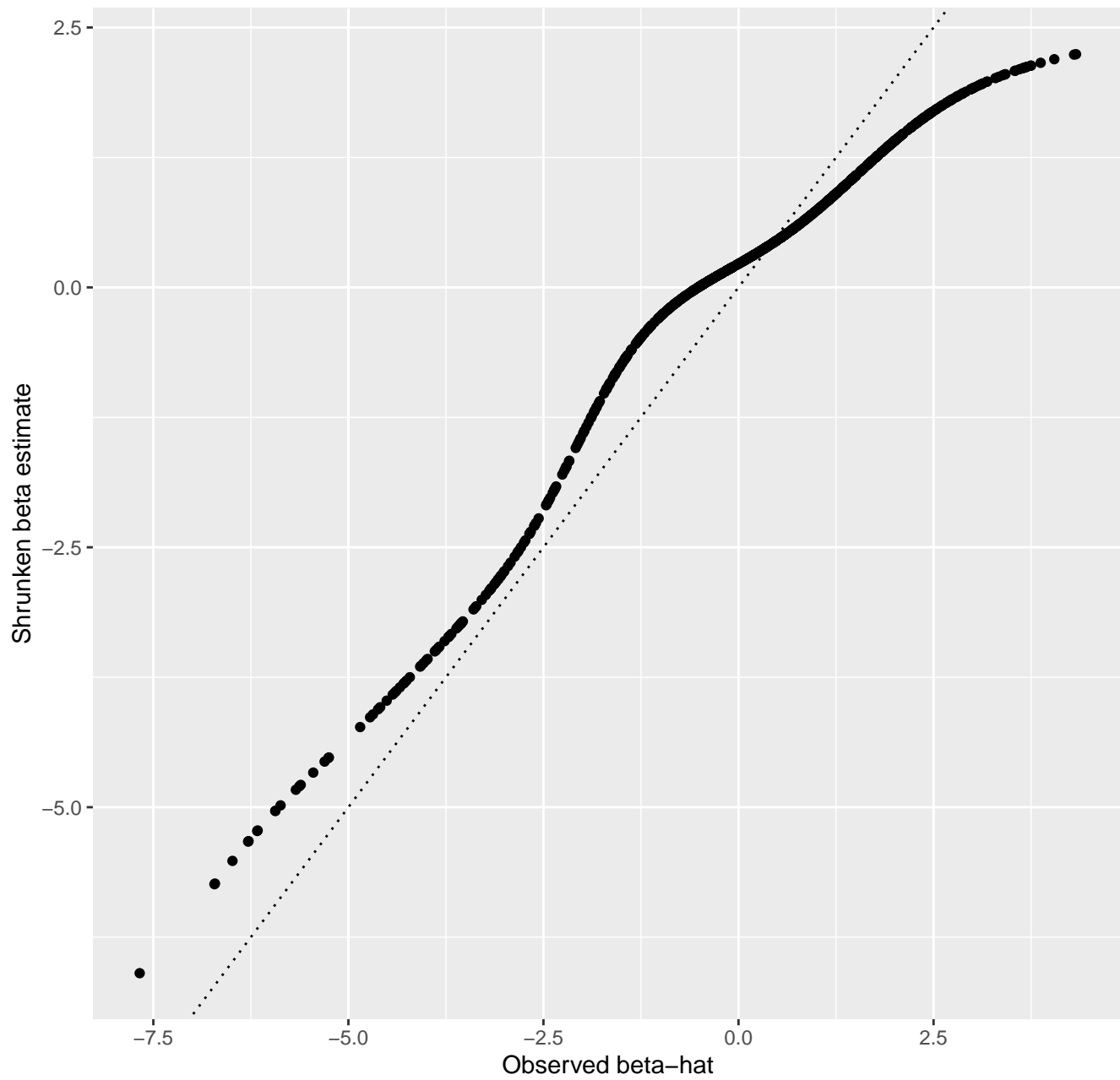
PPARG\_(5468) negative



SLC7A5\_(8140) negative

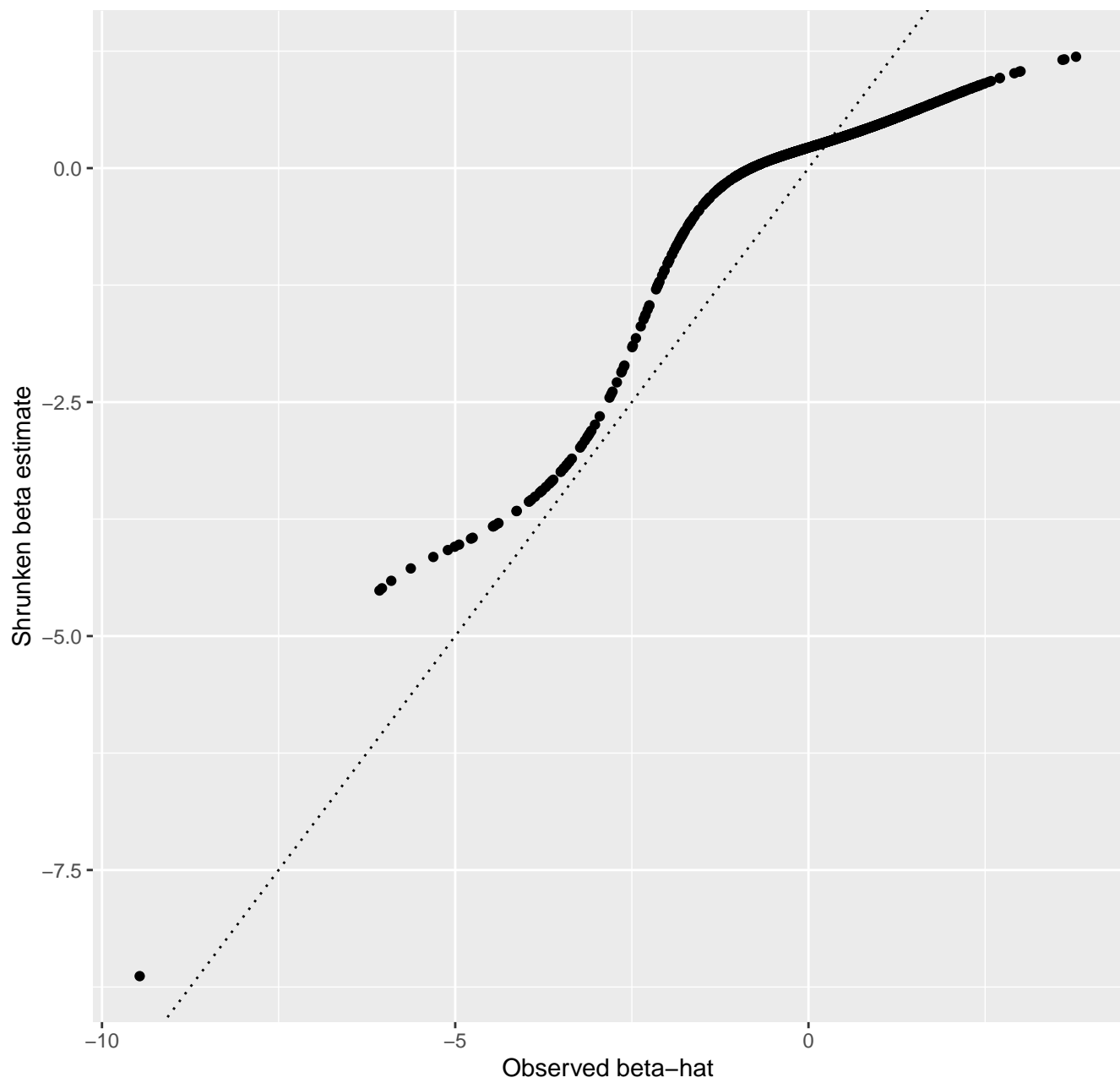


FDPS\_(2224) negative

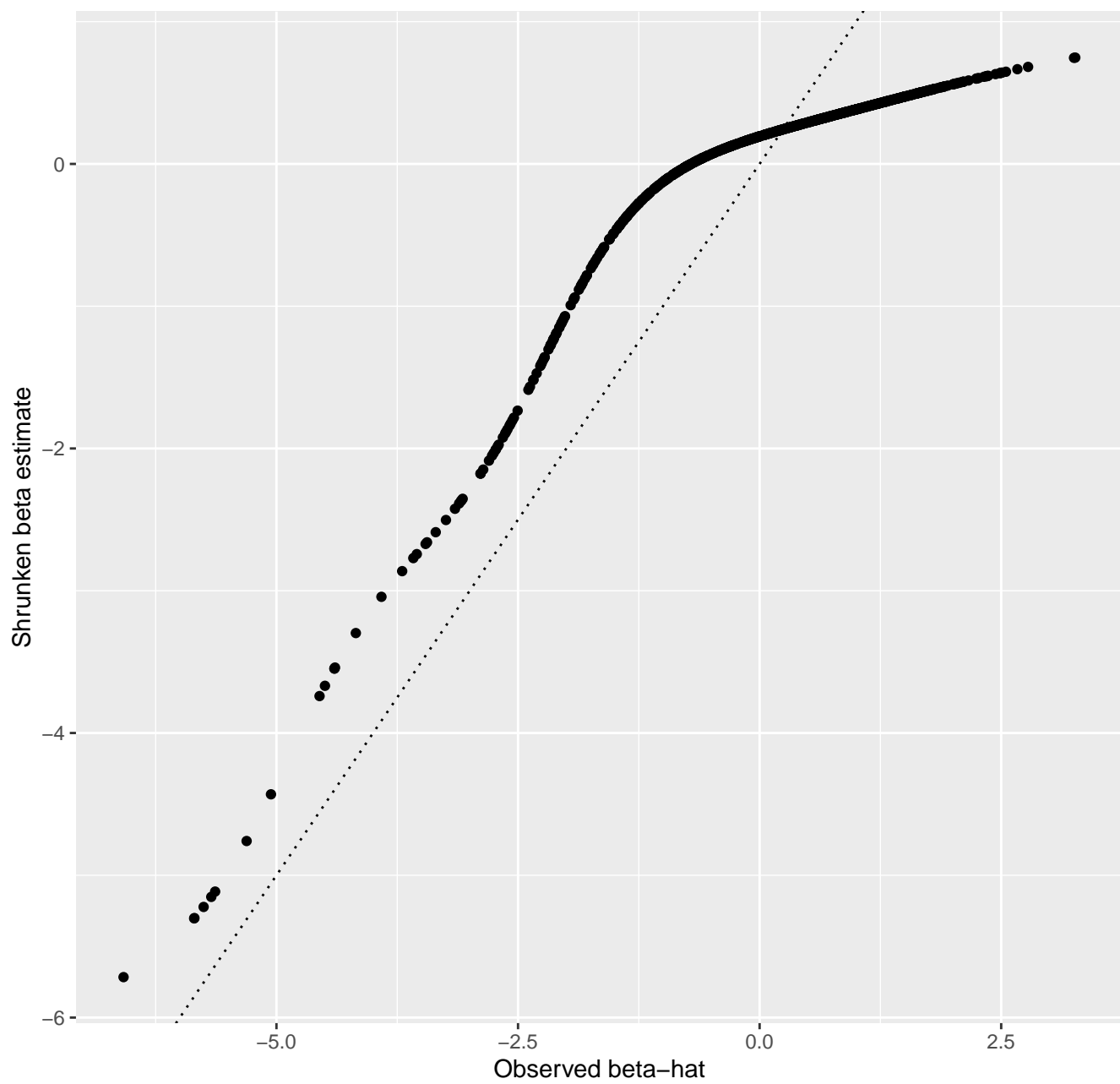




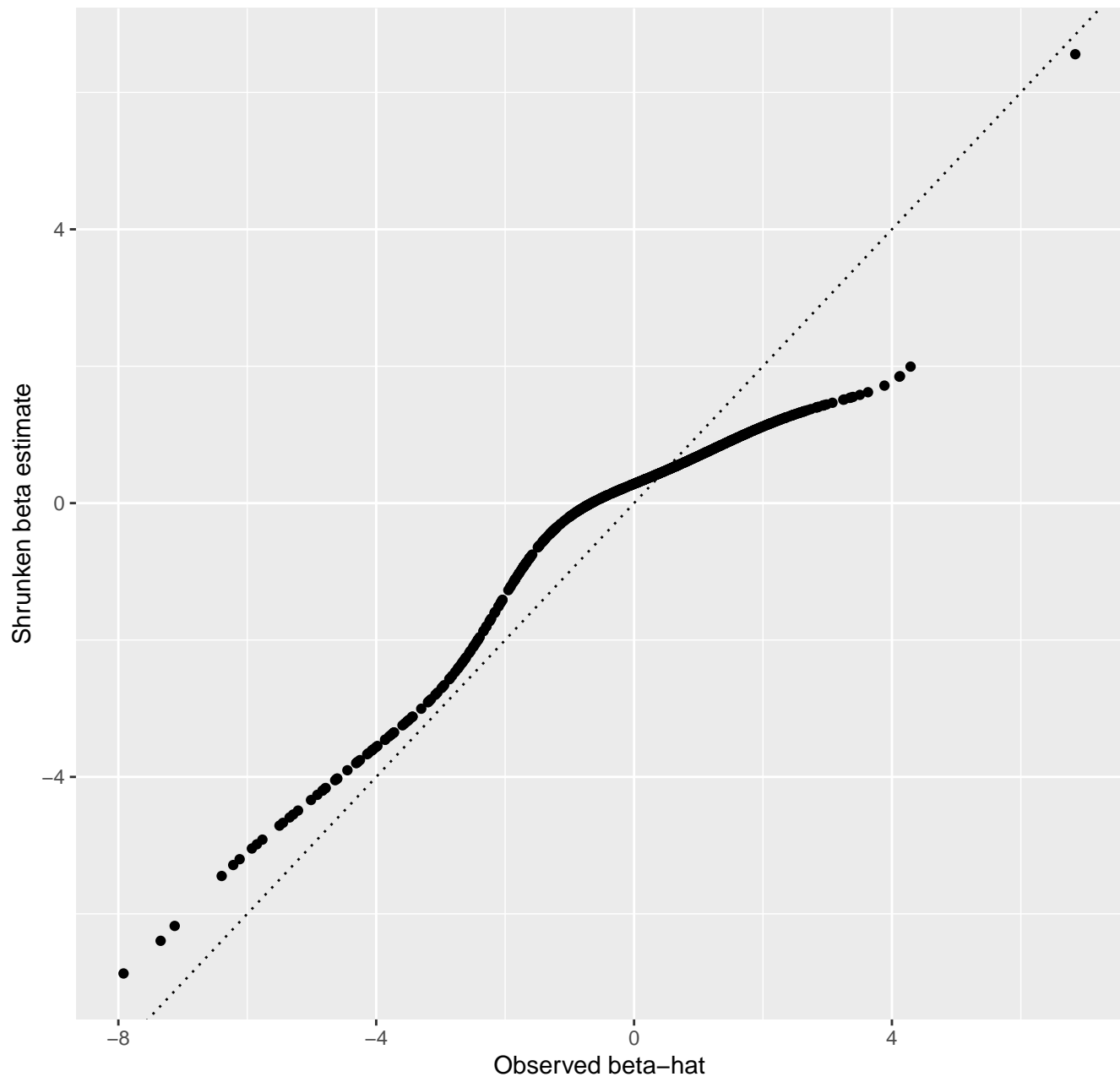
TAPT1\_(202018) negative



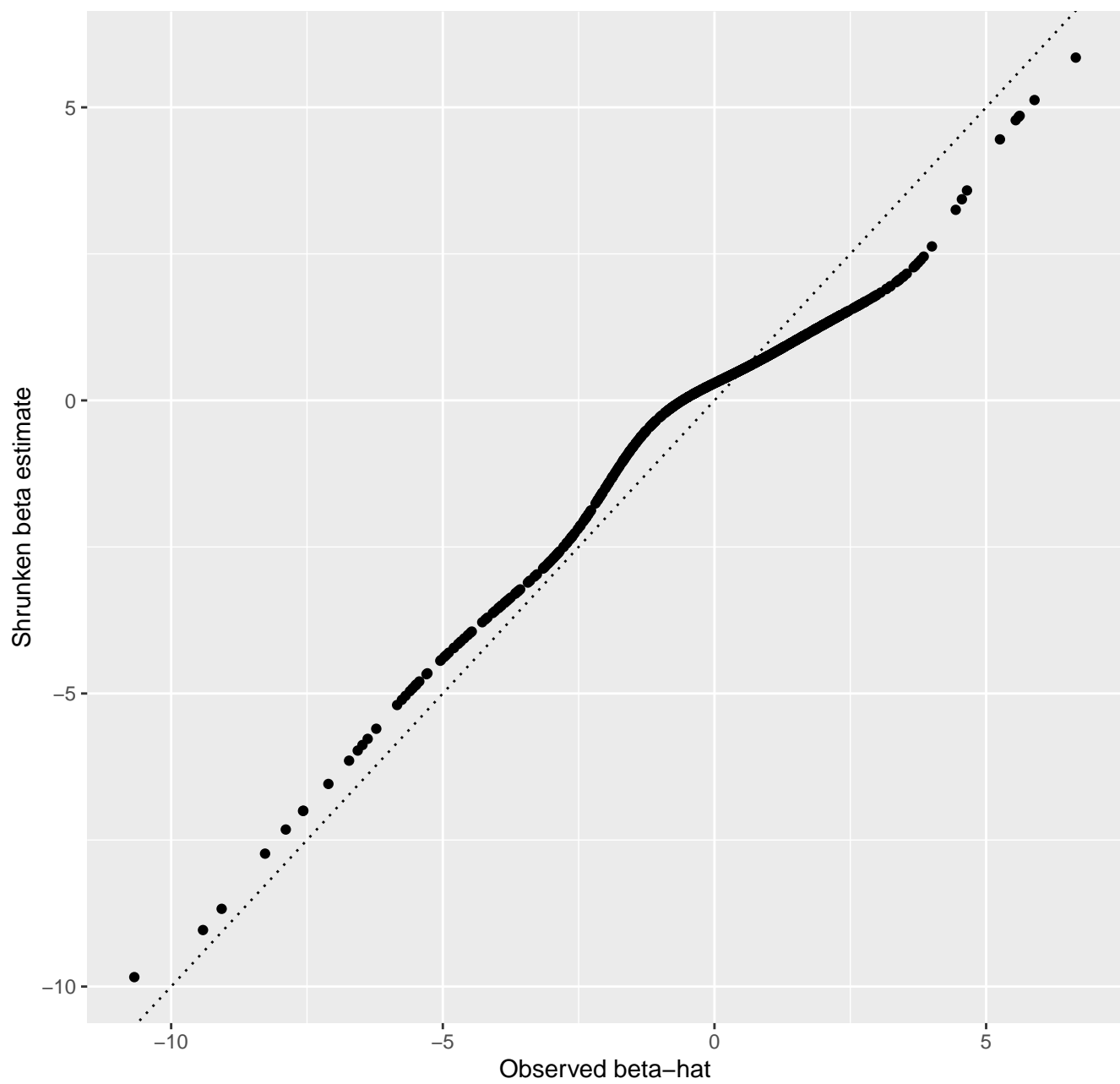
GTSE1\_(51512) negative



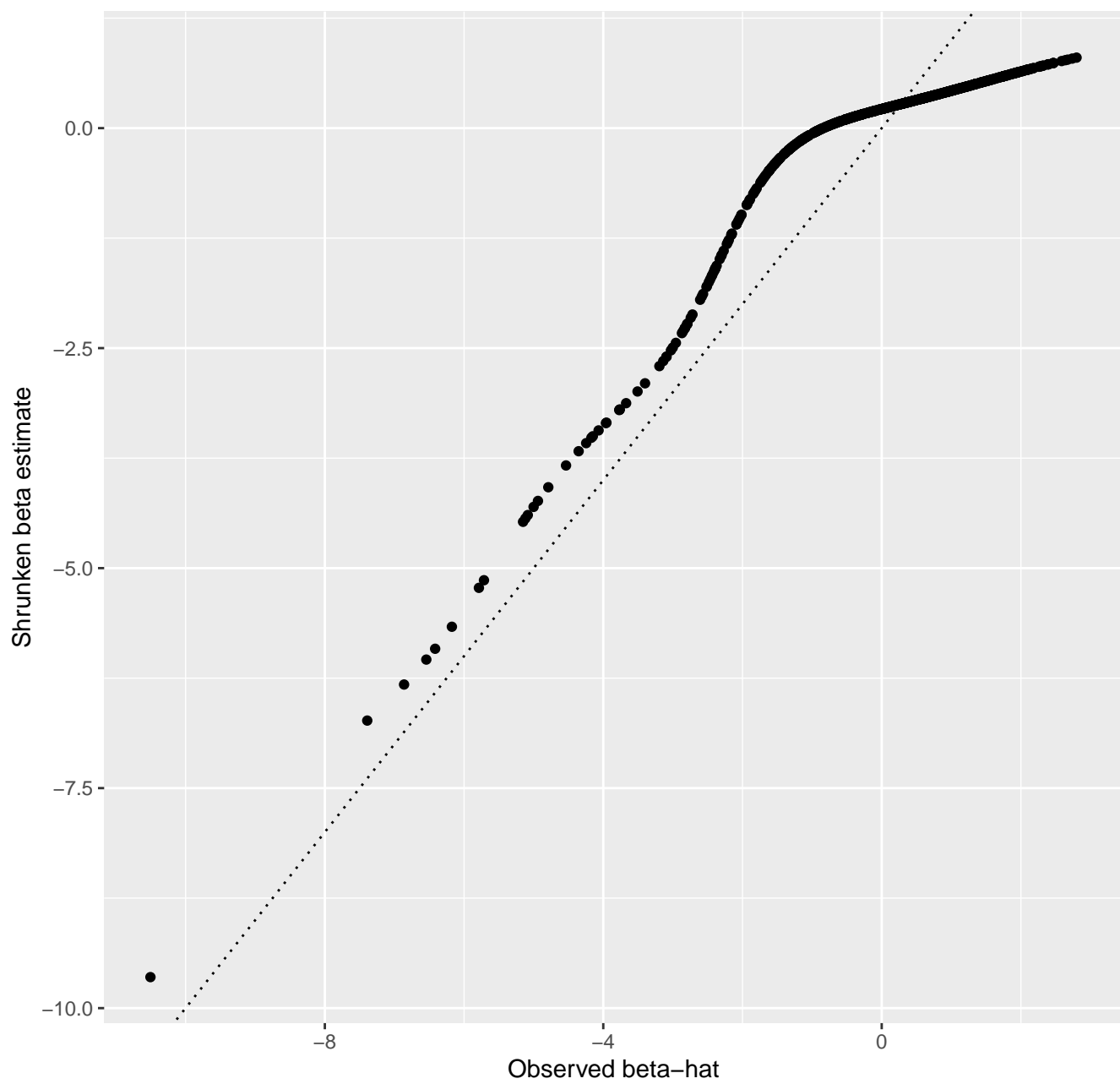
SLC25A28\_(81894) negative



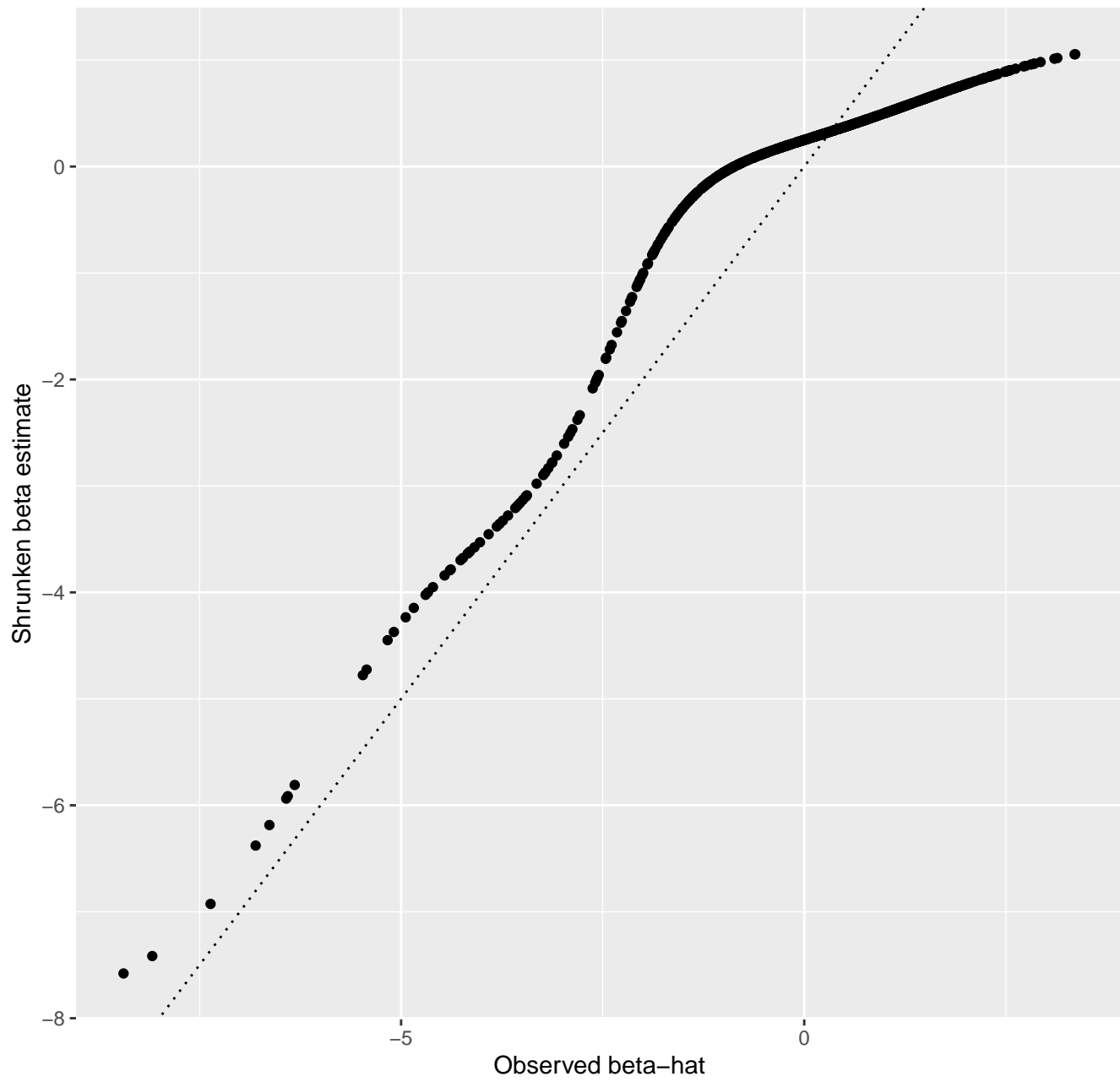
MIB1\_(57534) negative



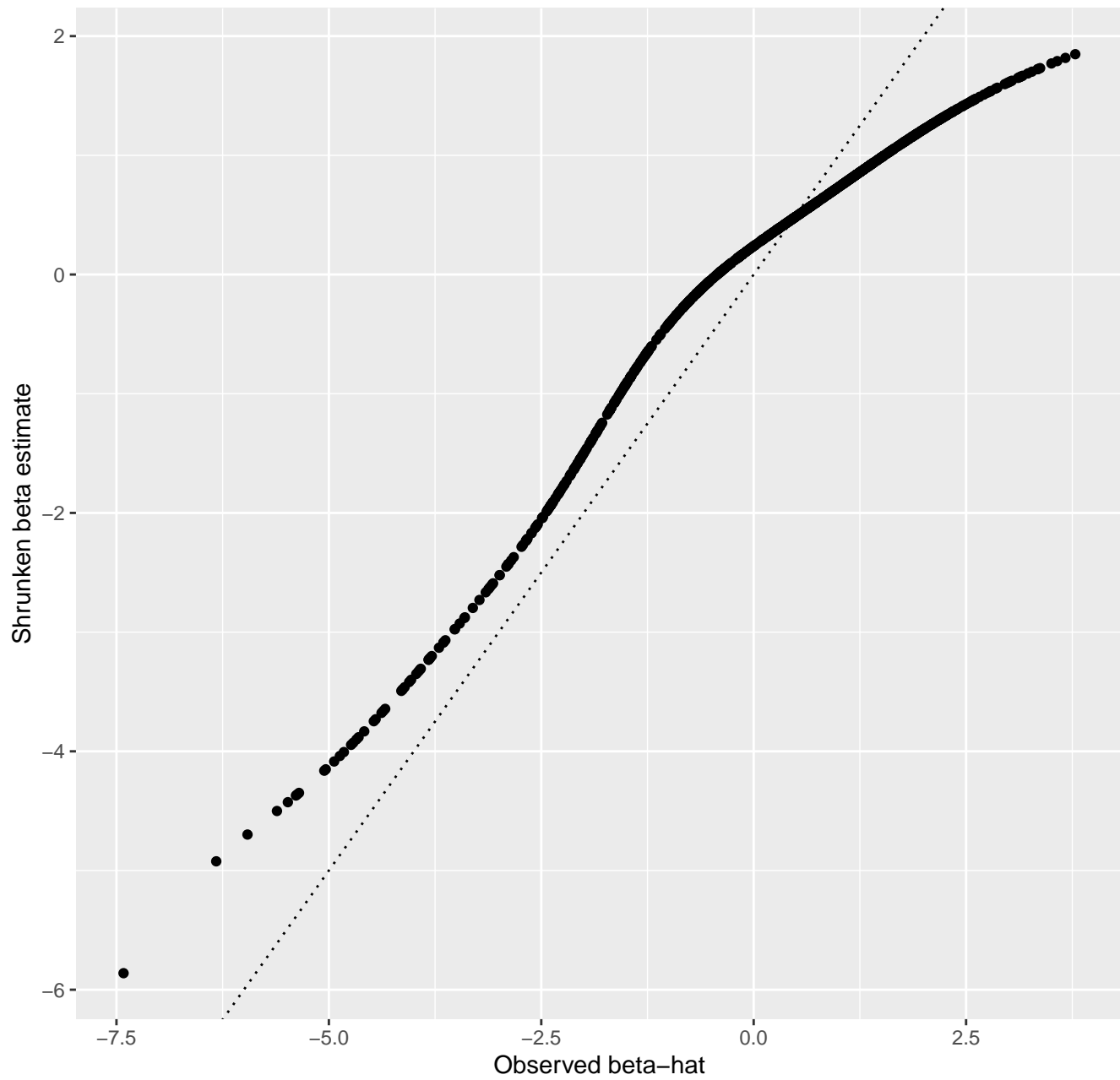
SCYL1\_(57410) negative



SLC20A1\_(6574) negative



TRIM37\_(4591) negative



NGDN\_(25983) negative

Shrunken beta estimate

0

-2

-4

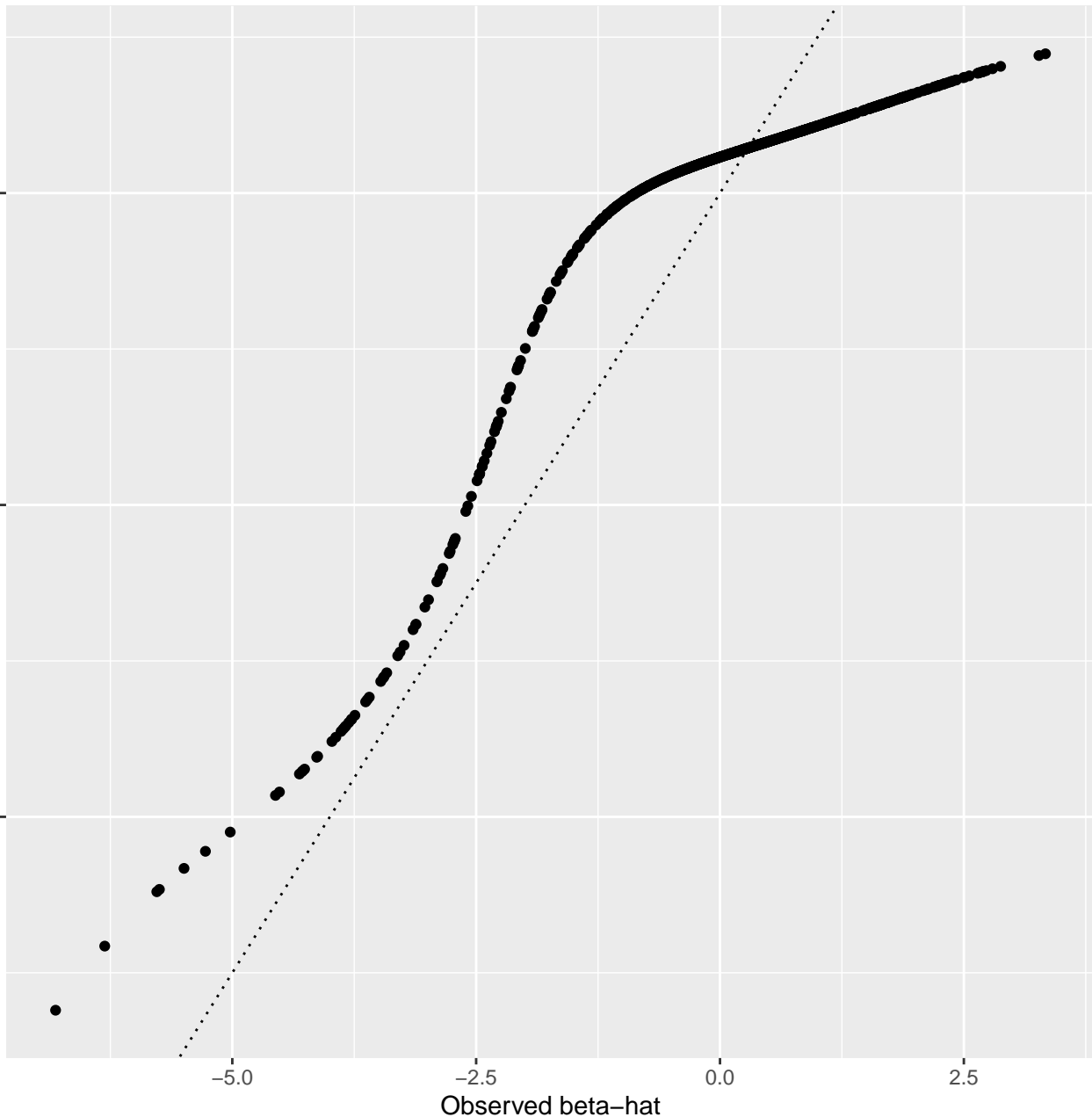
-5.0

-2.5

0.0

2.5

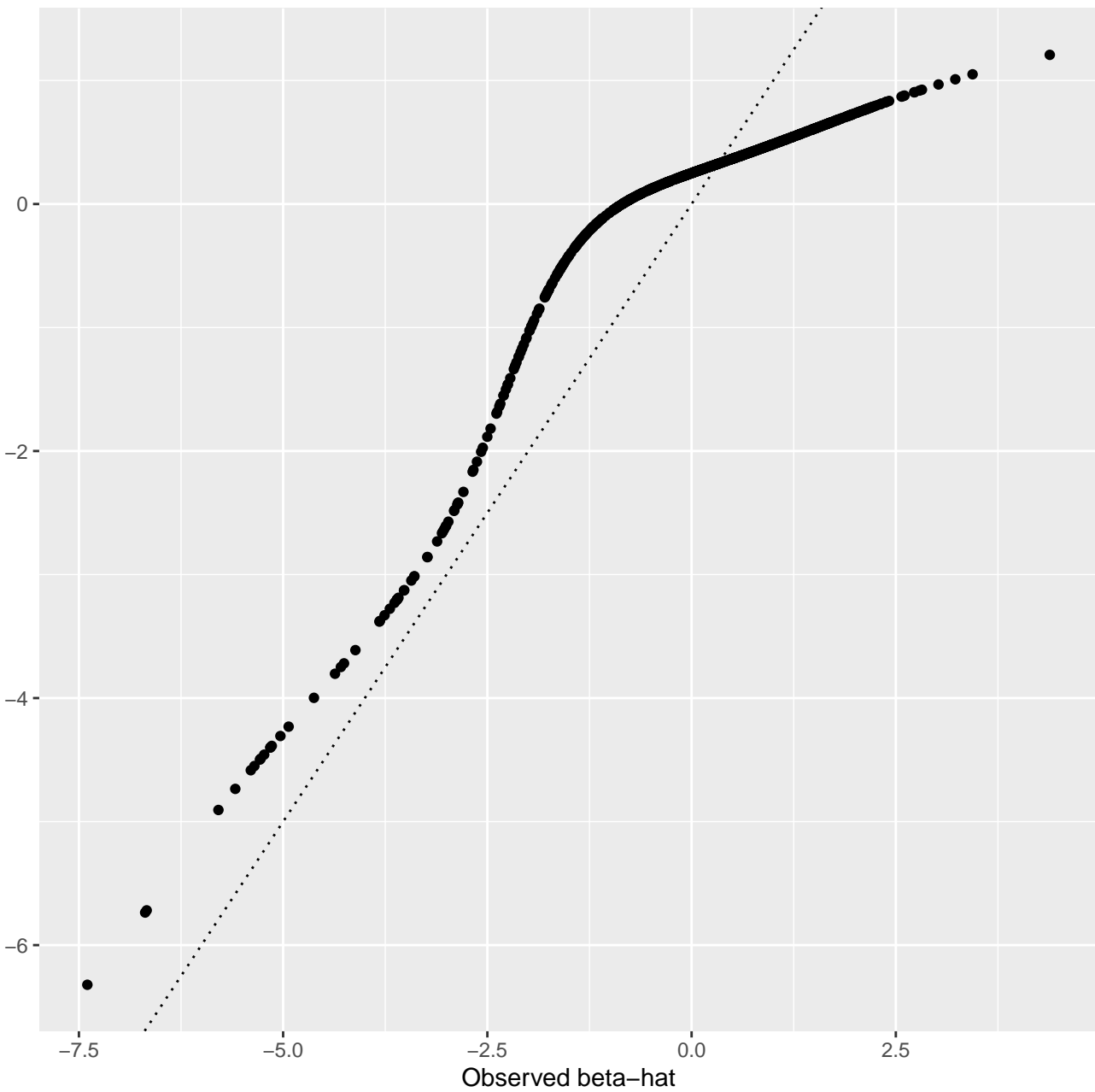
Observed beta-hat



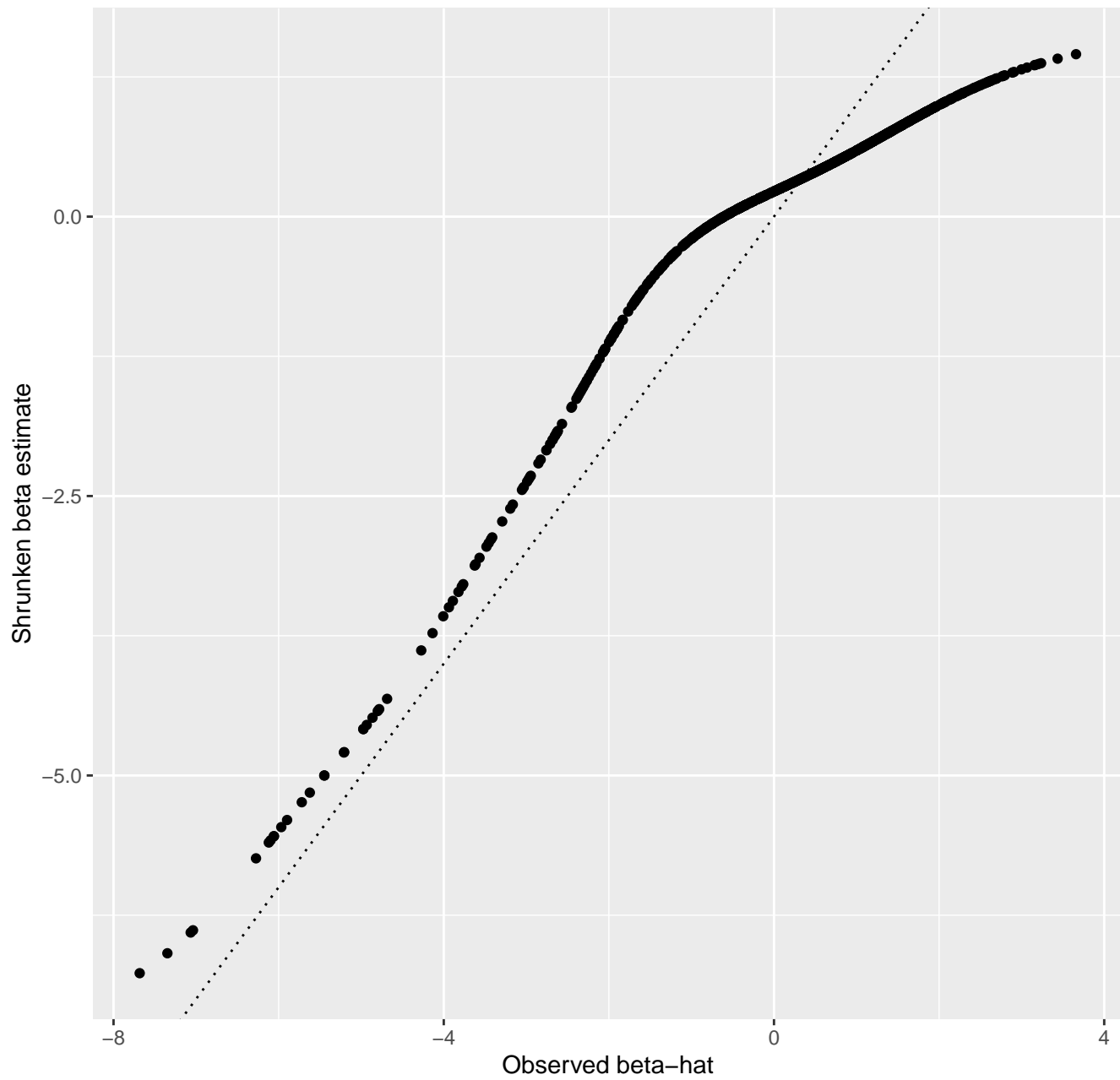


ITPK1\_(3705) negative

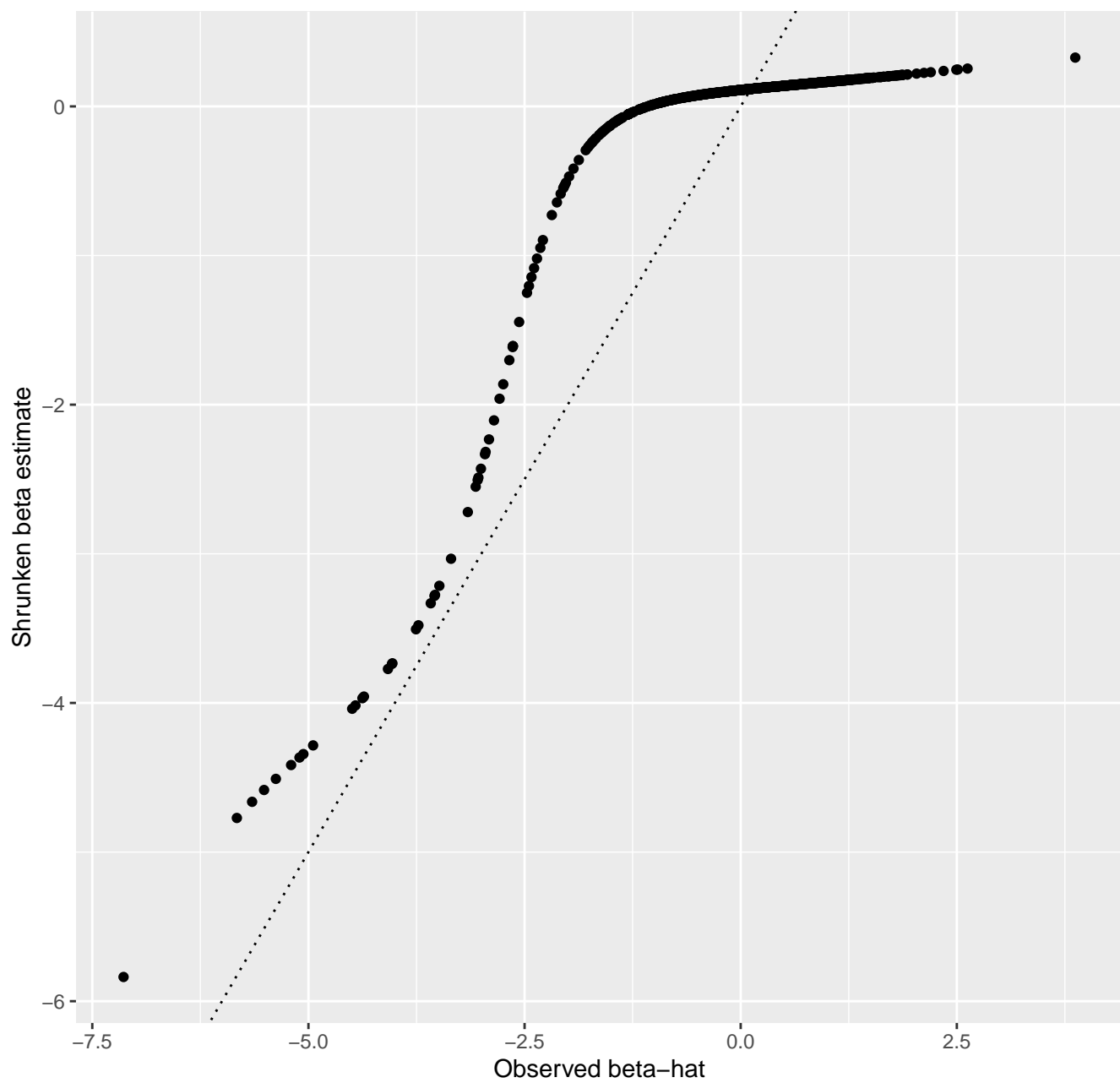
Shrunken beta estimate



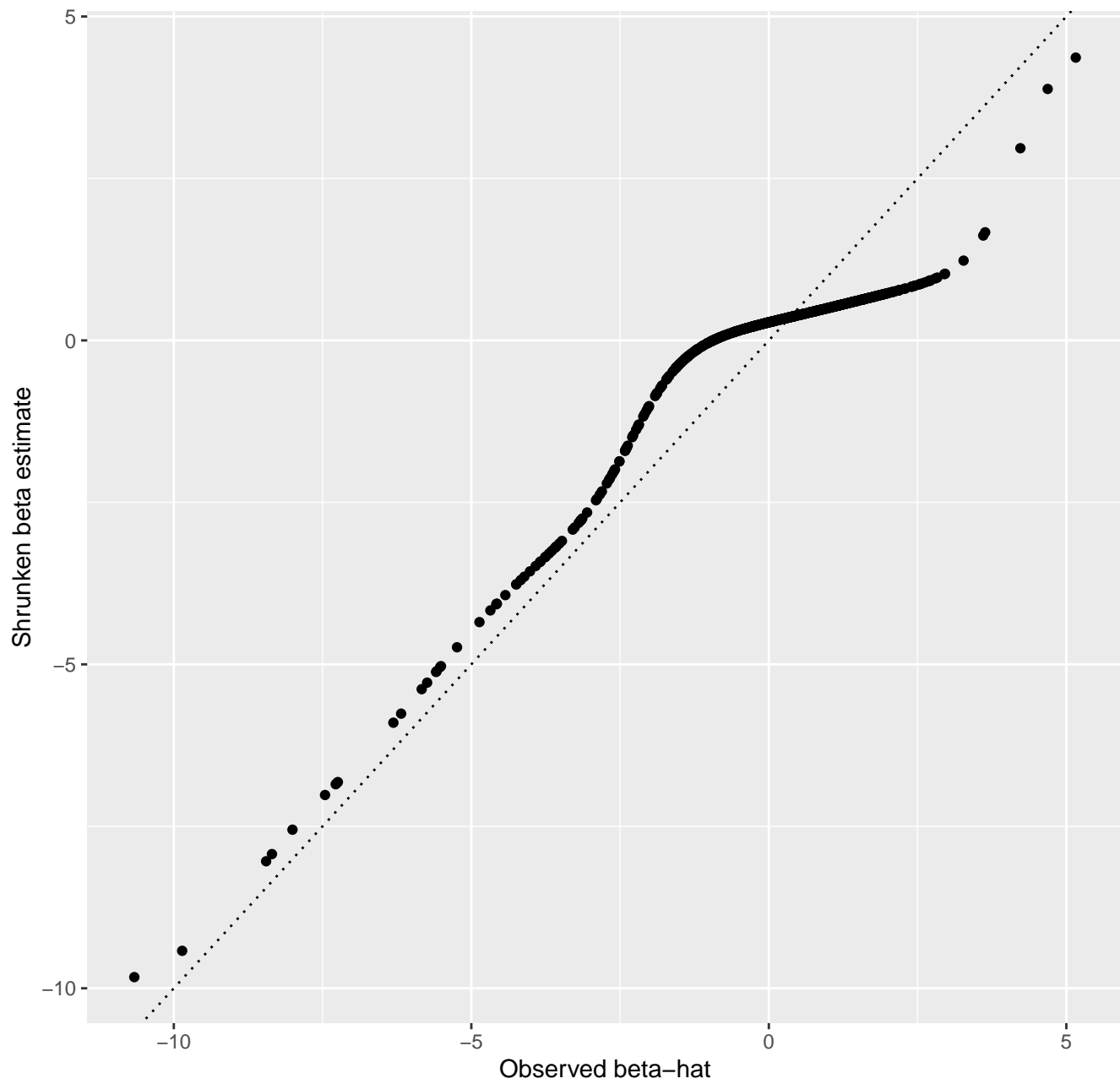
USP14\_(9097) negative



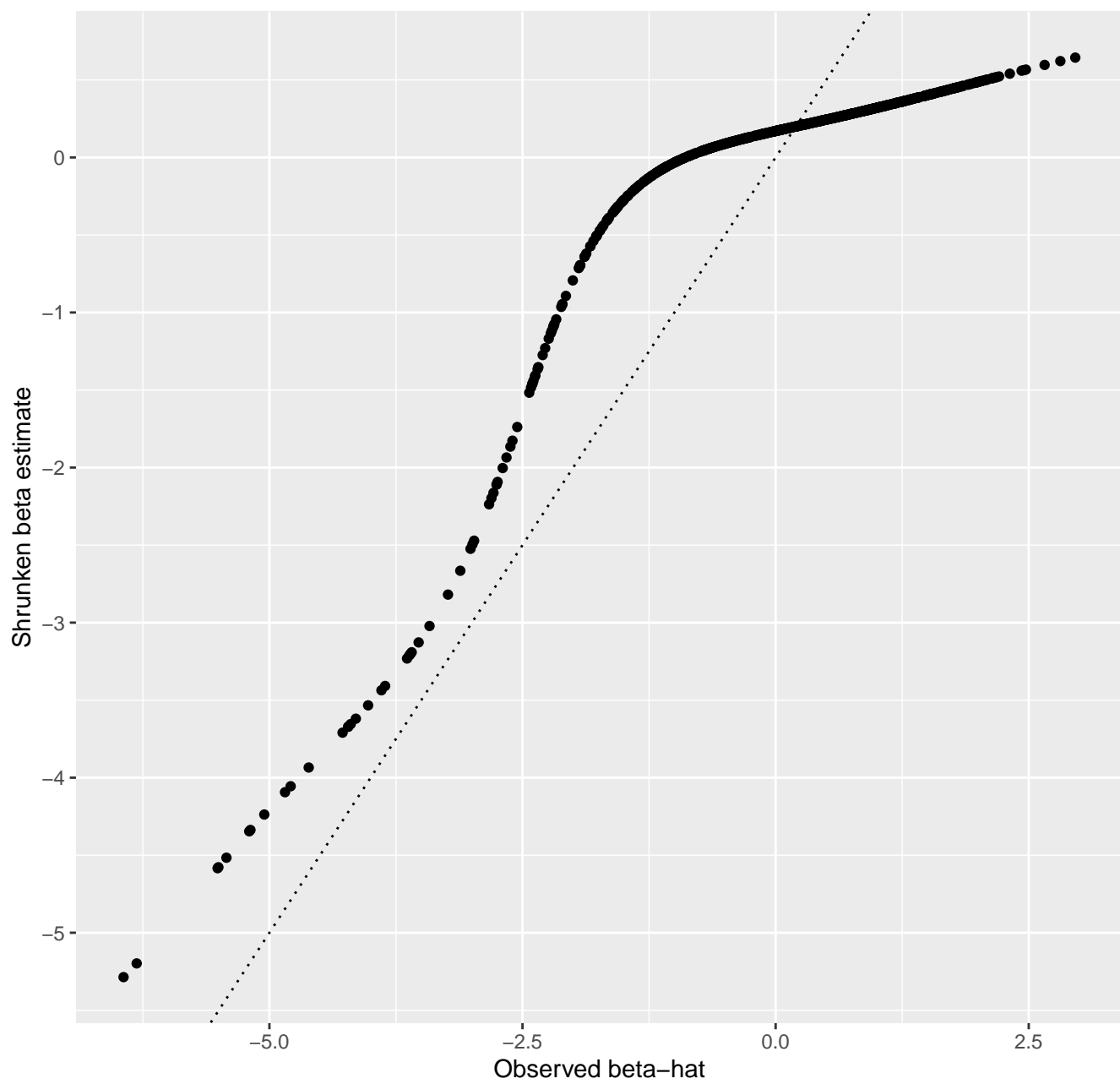
SLF1\_(84250) negative



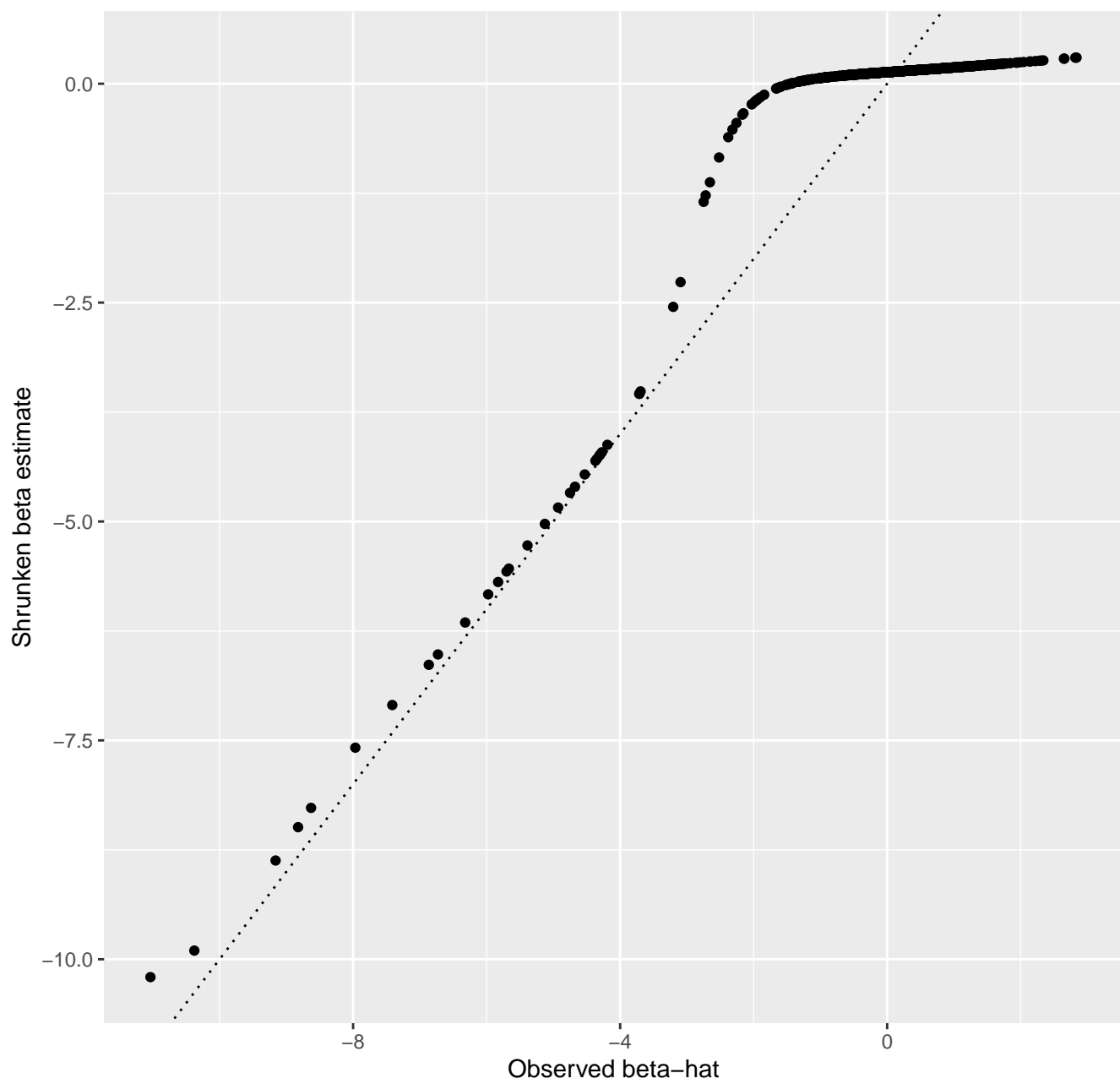
XPR1\_(9213) negative



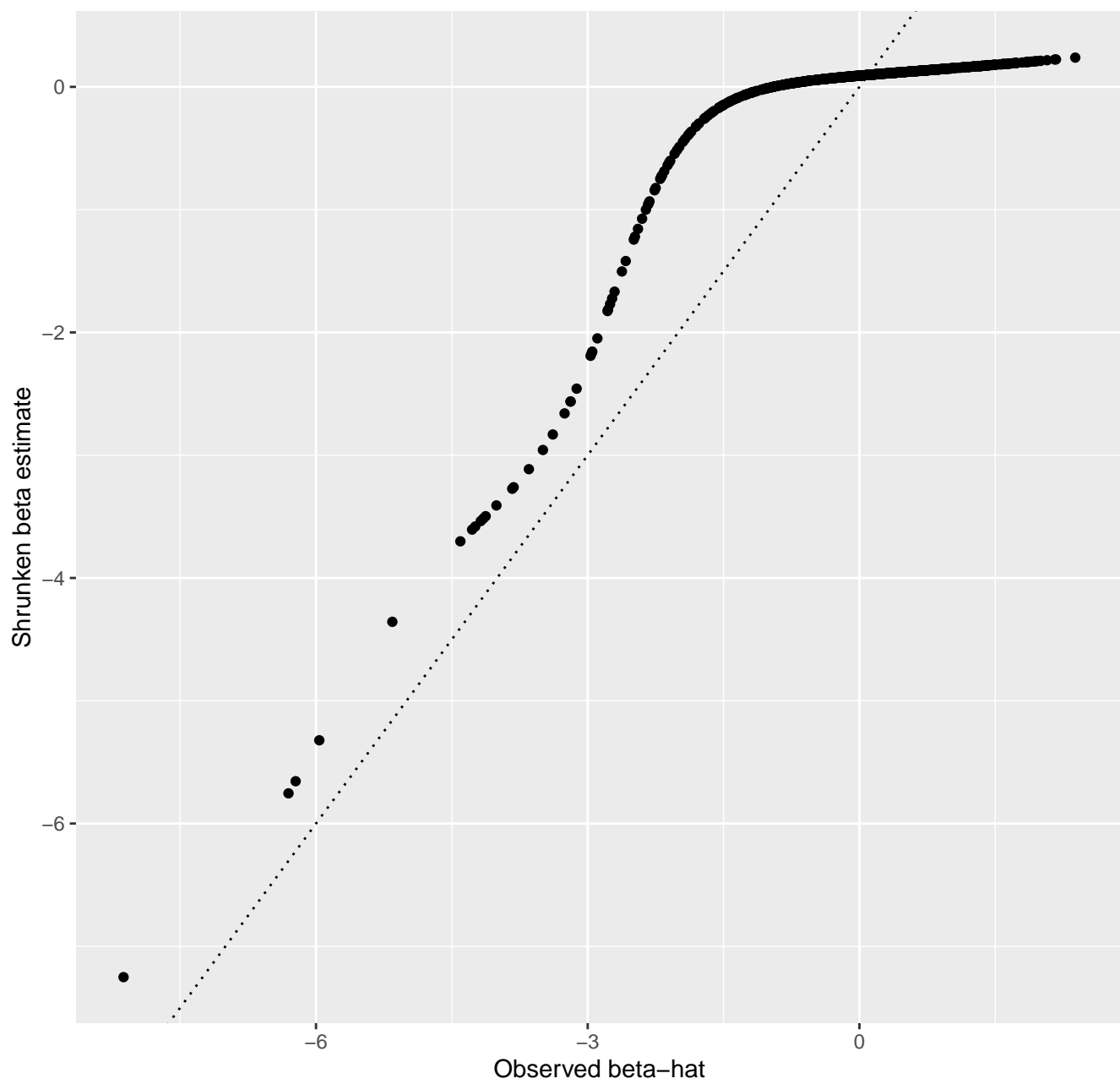
C12orf49\_(79794) negative



SOX2\_(6657) negative



TMEM41A\_(90407) negative



JTB\_(10899) negative

Shrunken beta estimate

0.0

-2.5

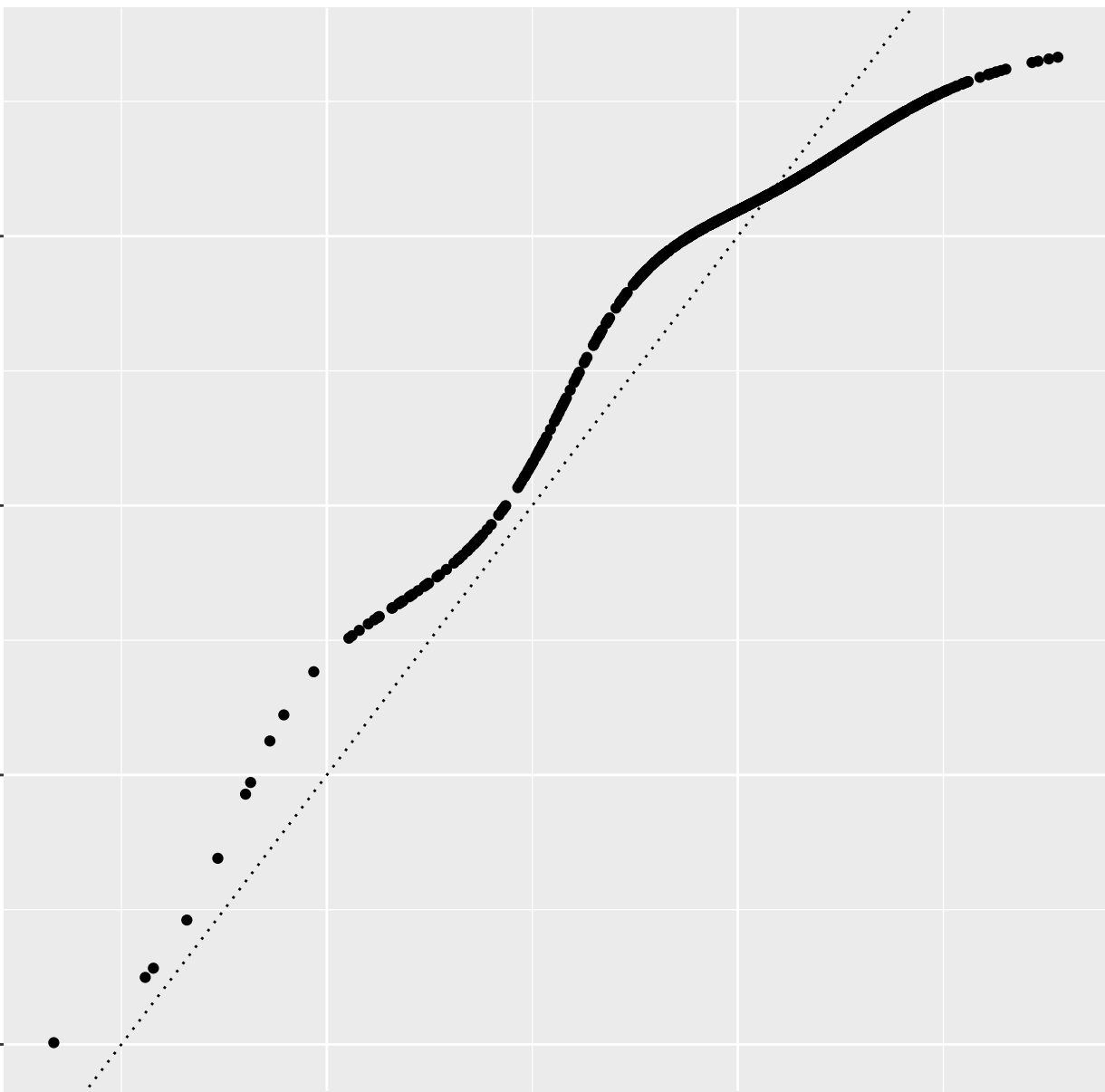
-5.0

-7.5

-5

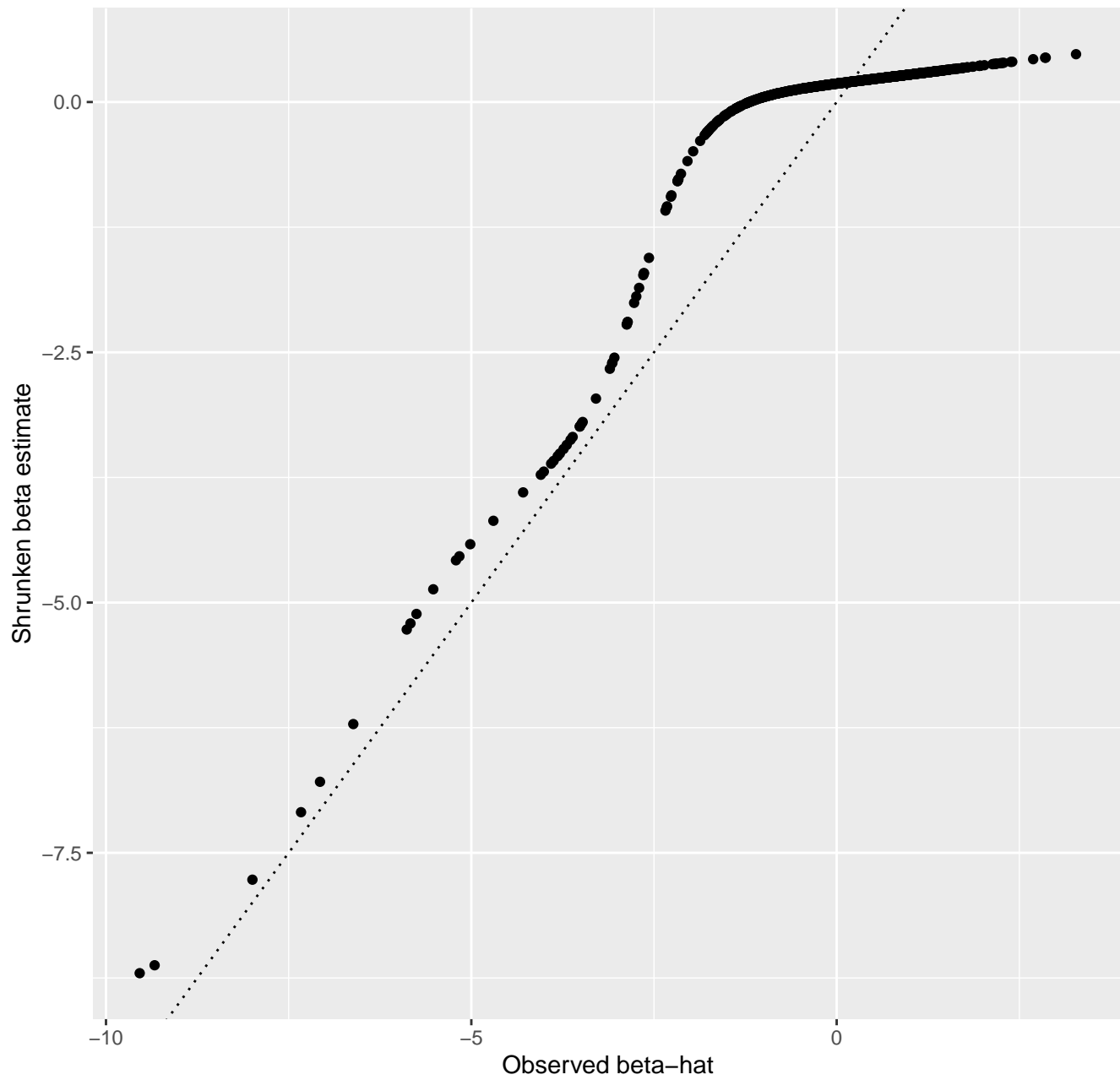
0

Observed beta-hat

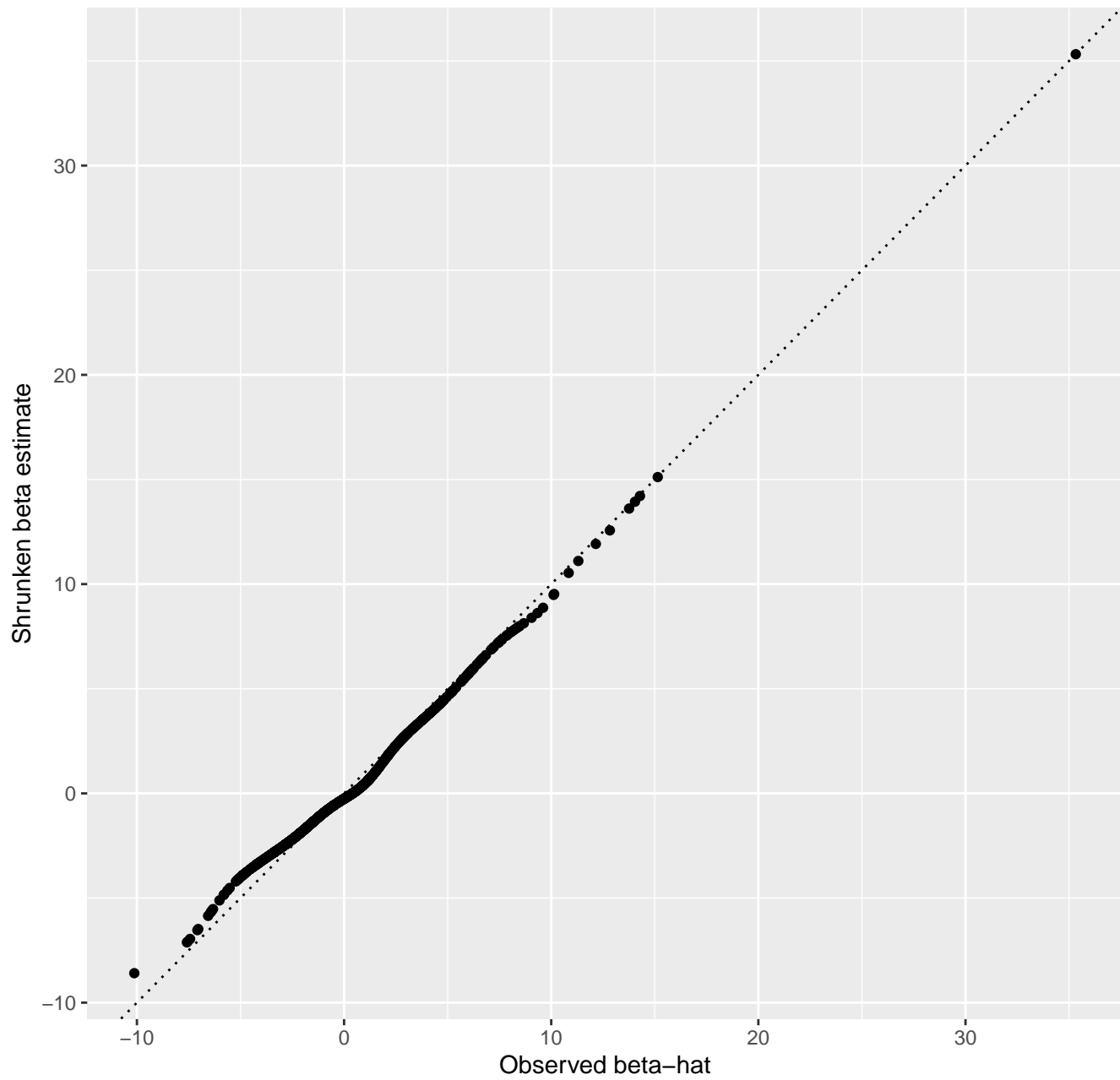




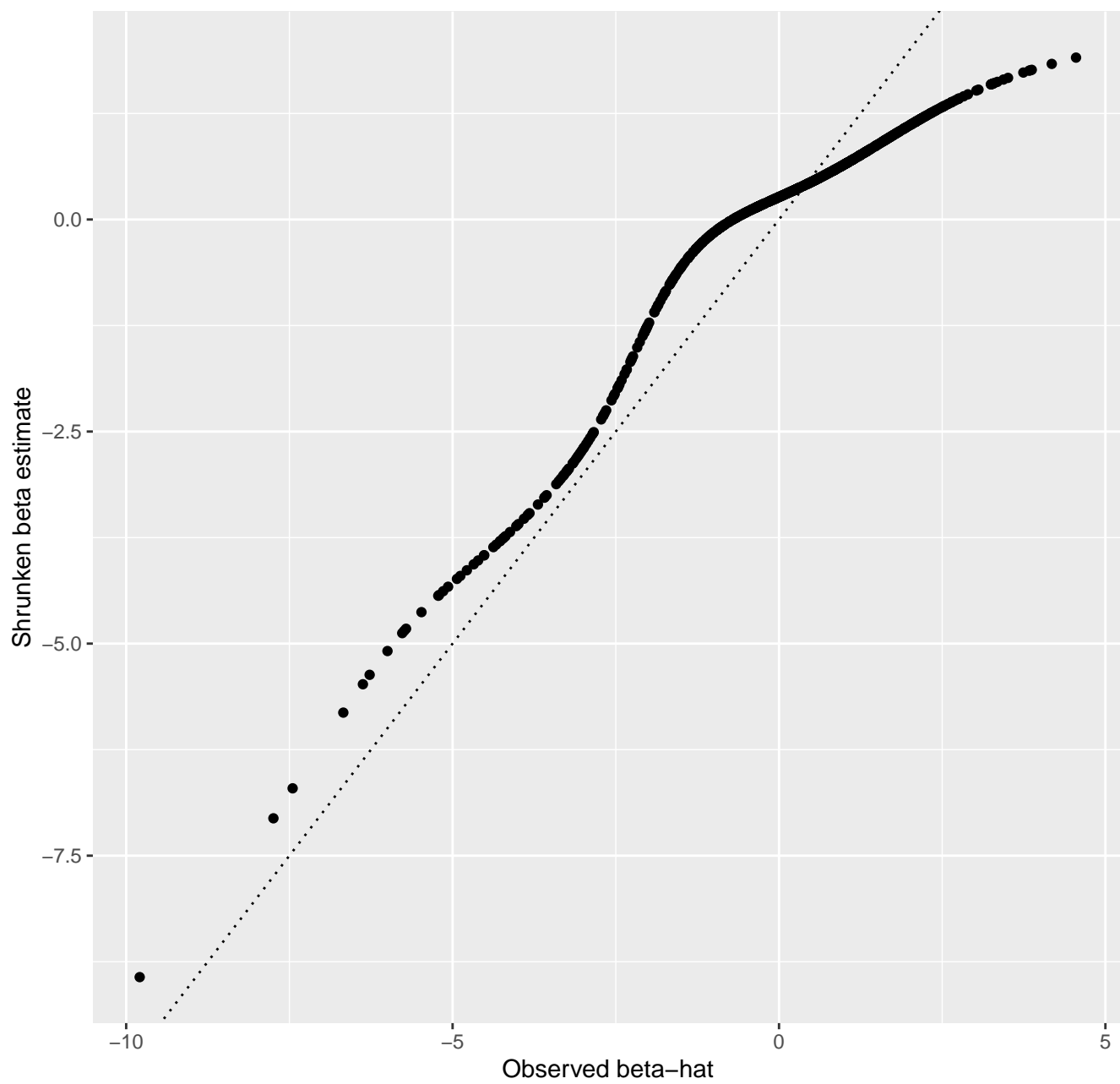
IRS1\_(3667) negative



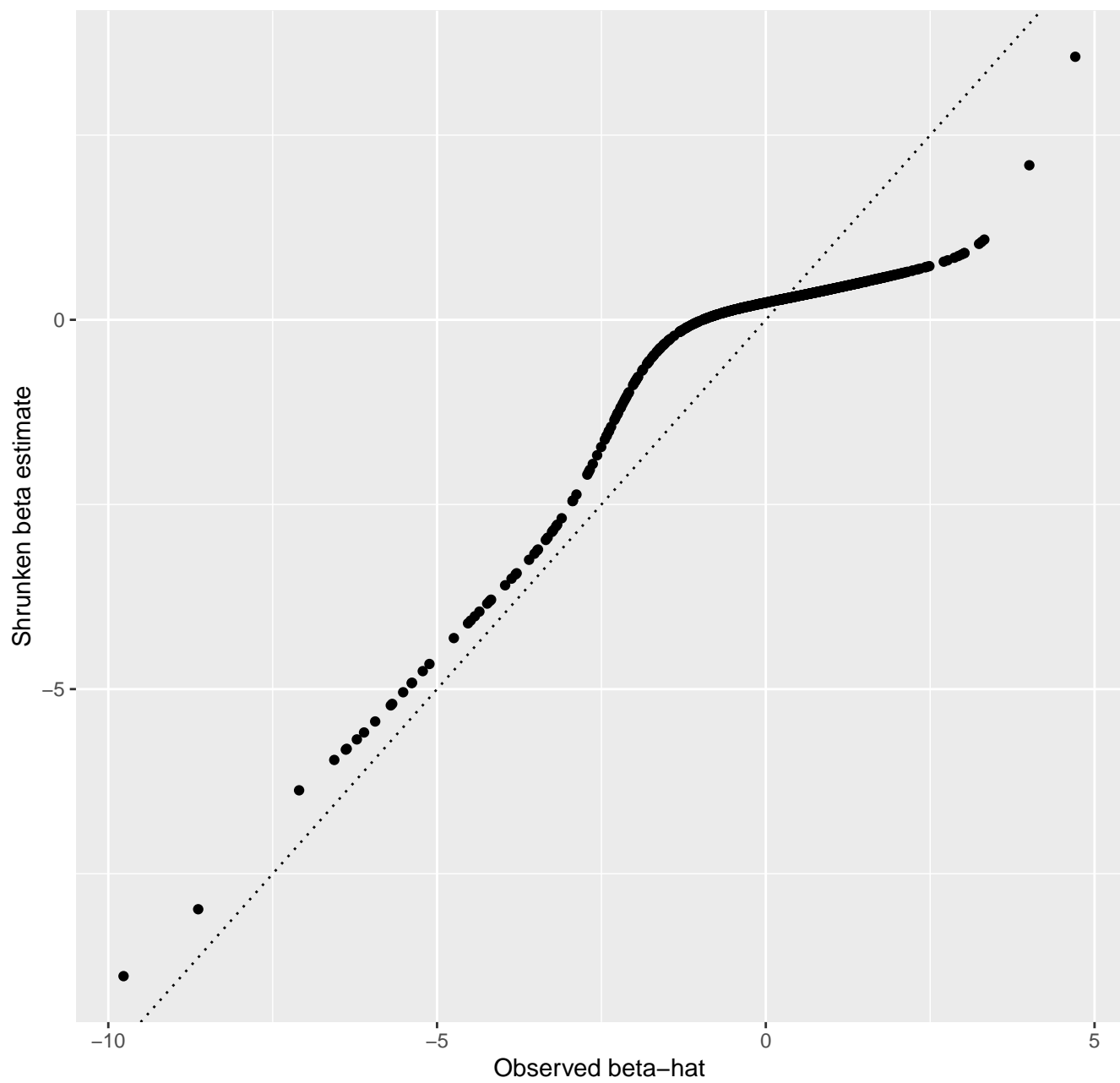
PTEN\_(5728) positive



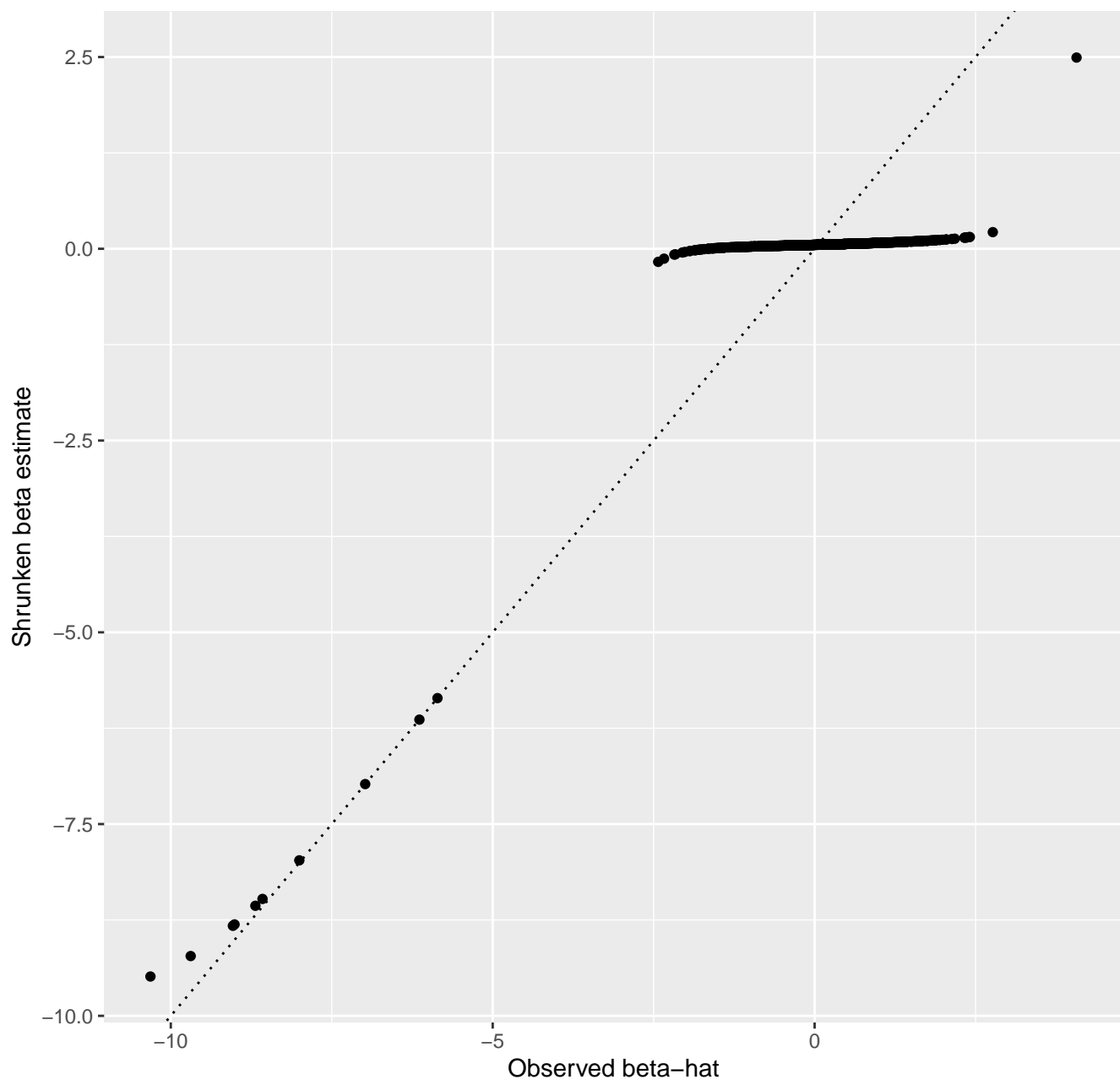
ATP1B3\_(483) negative



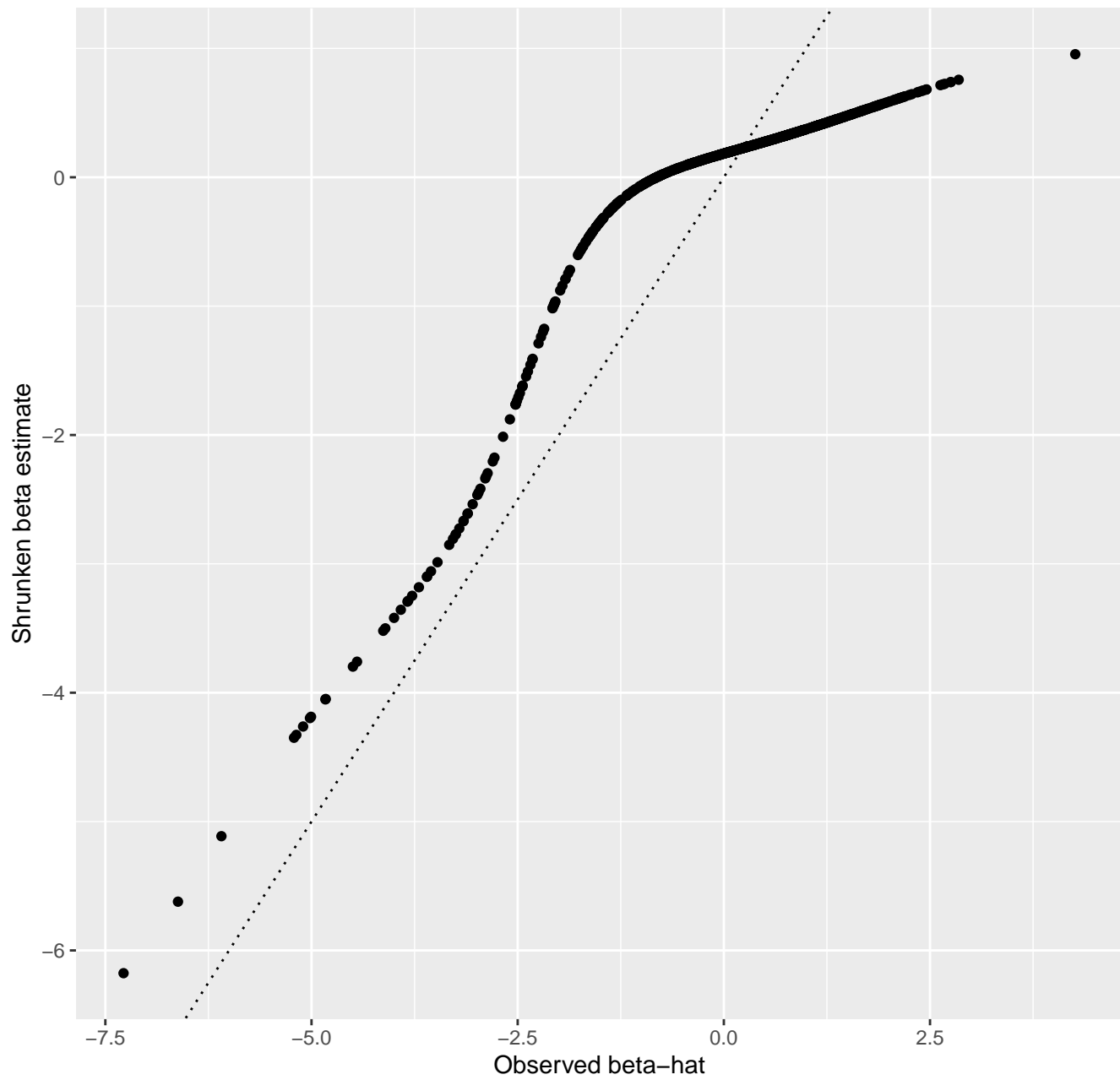
ARHGAP29\_(9411) negative



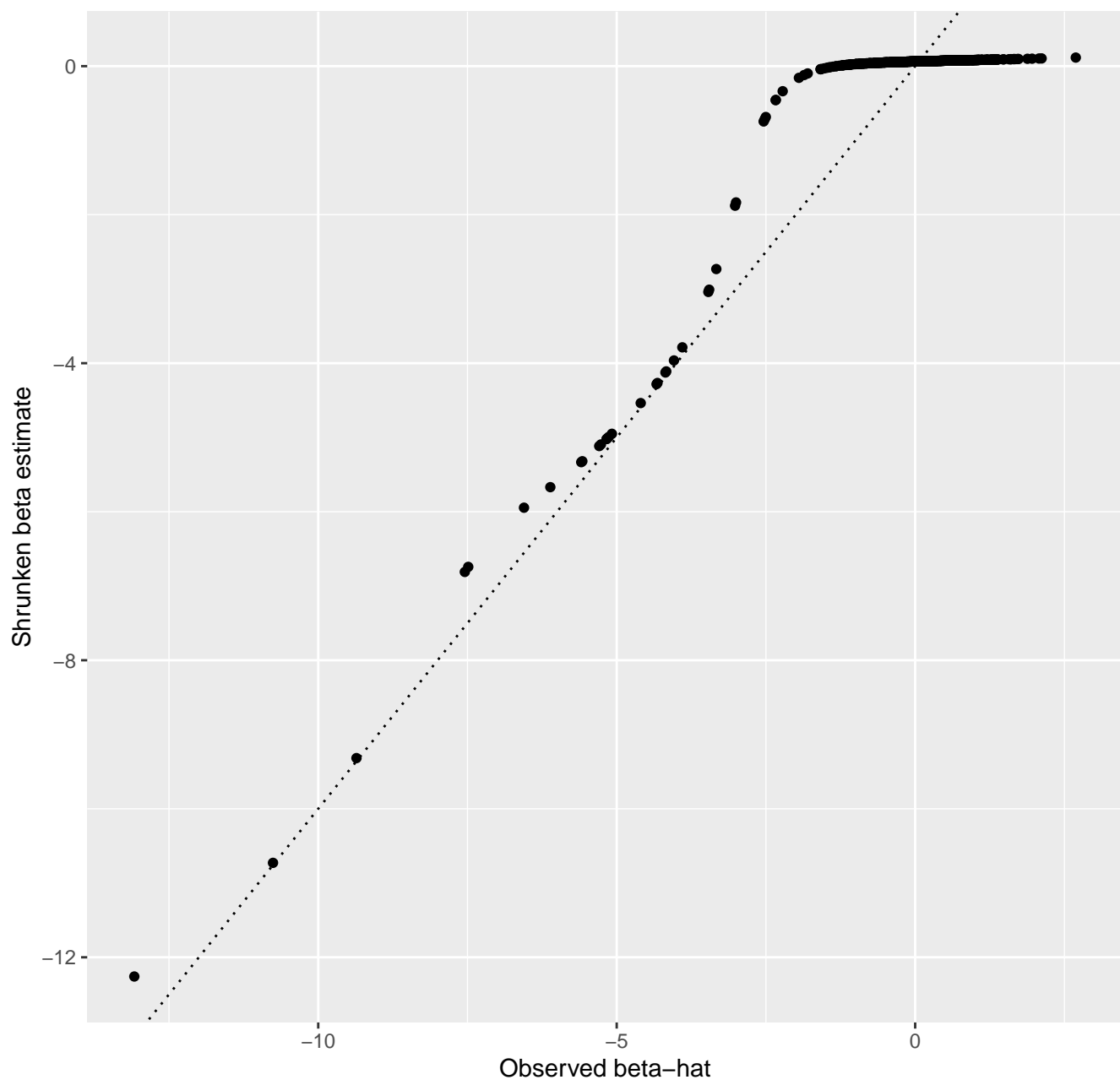
MYOD1\_(4654) negative



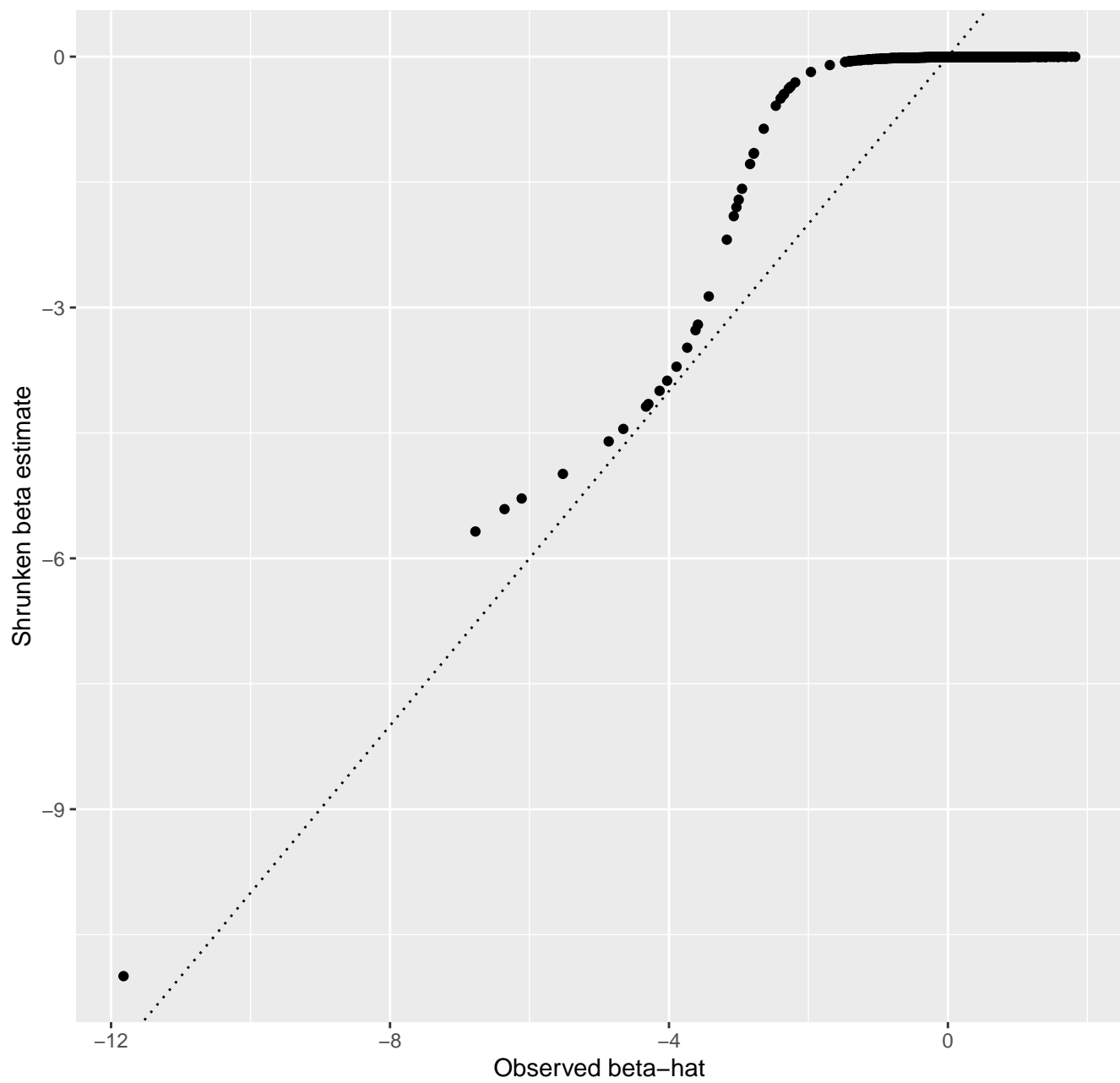
C21orf2\_(755) negative



MET\_(4233) negative

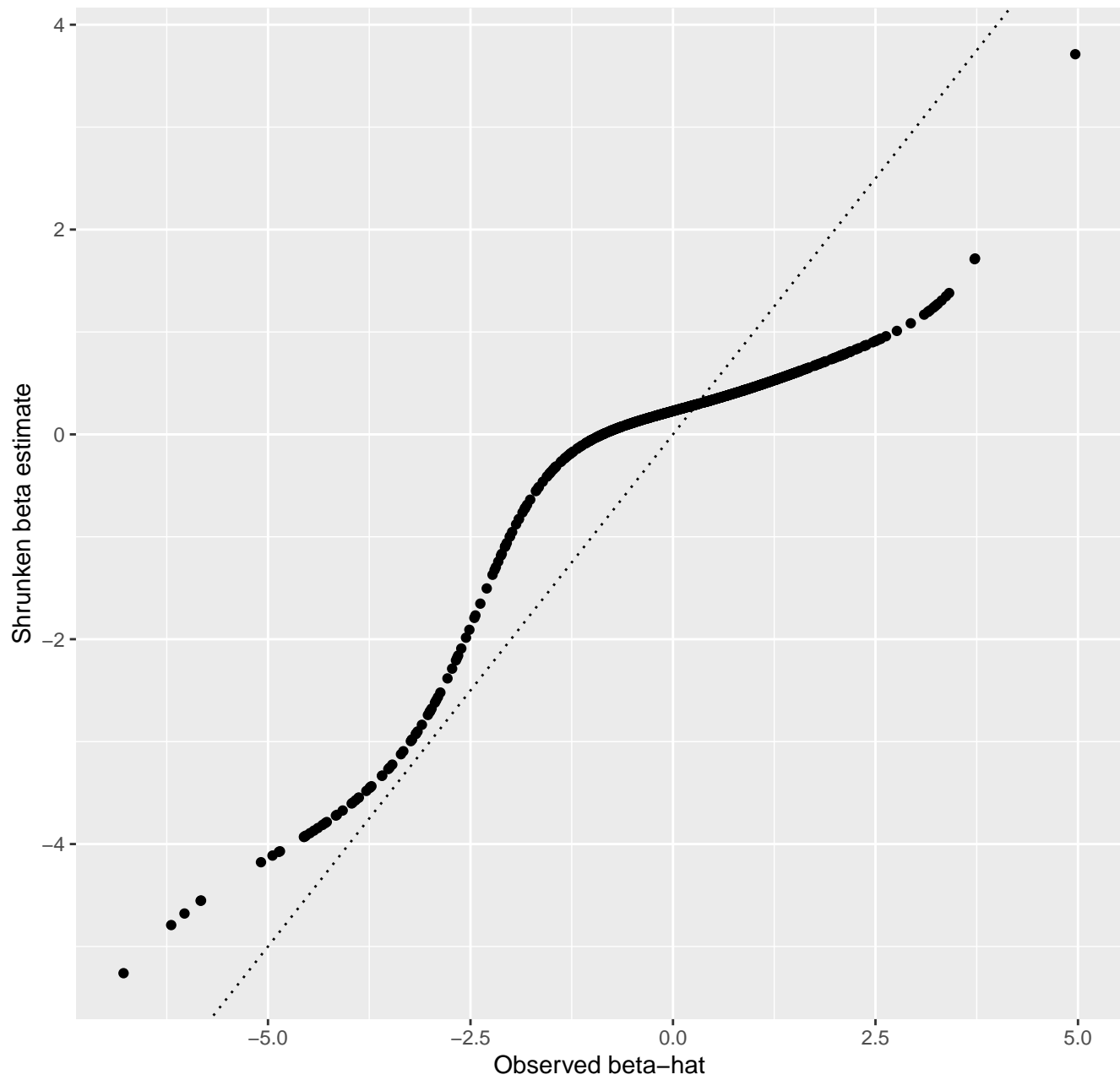


HNF4A\_(3172) negative

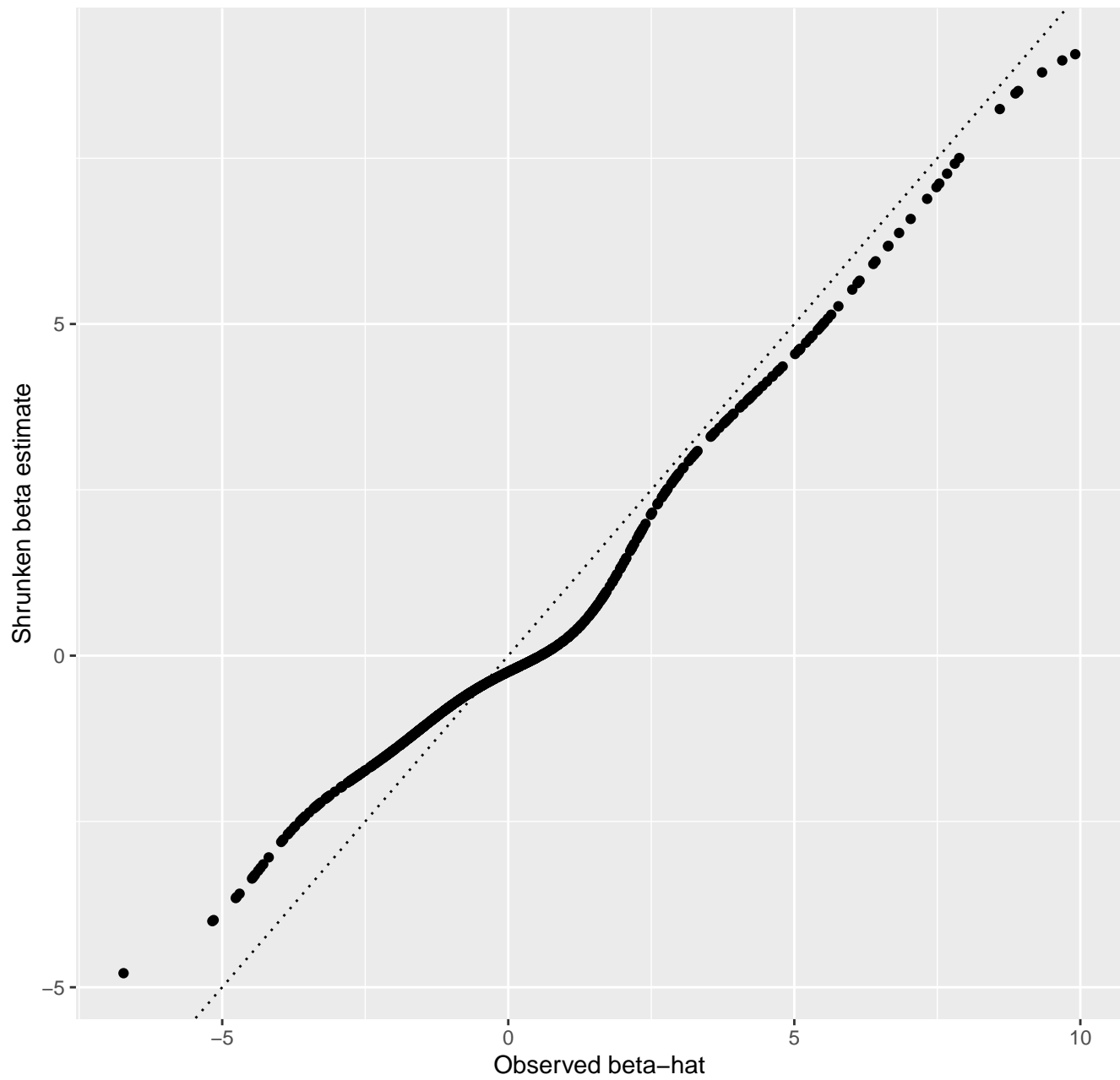




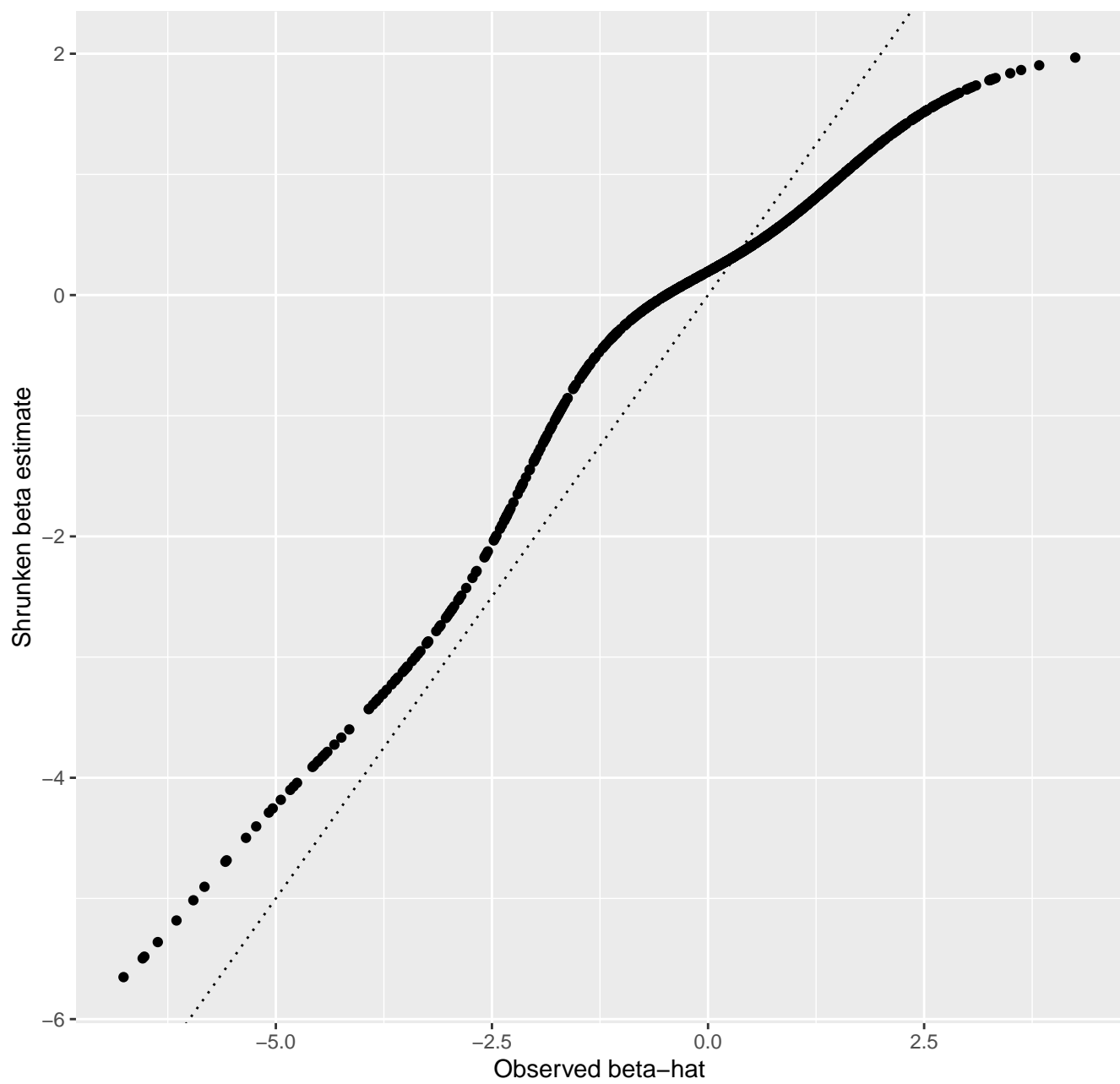
SLC16A1\_(6566) negative



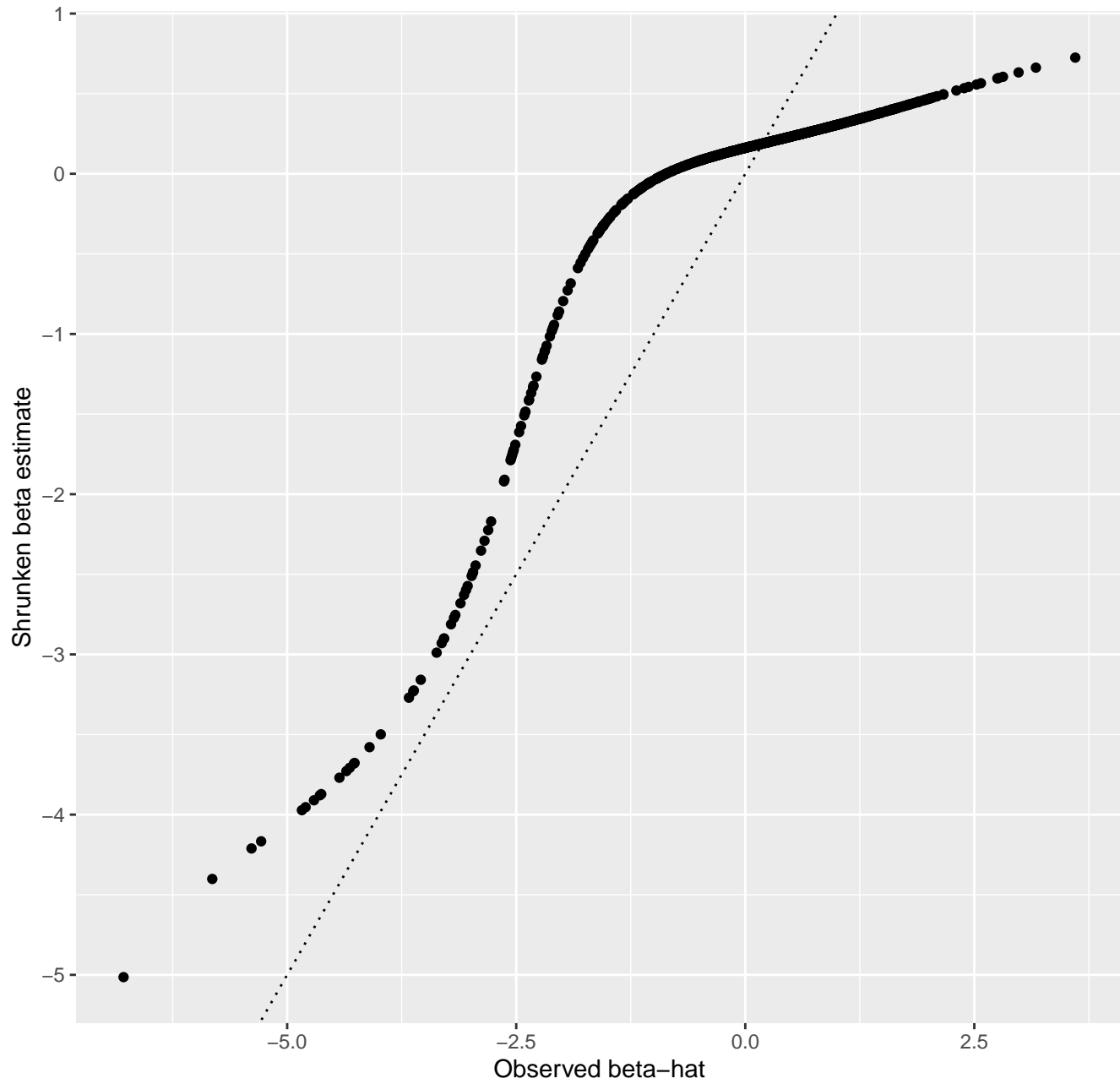
COPG1\_(22820) positive



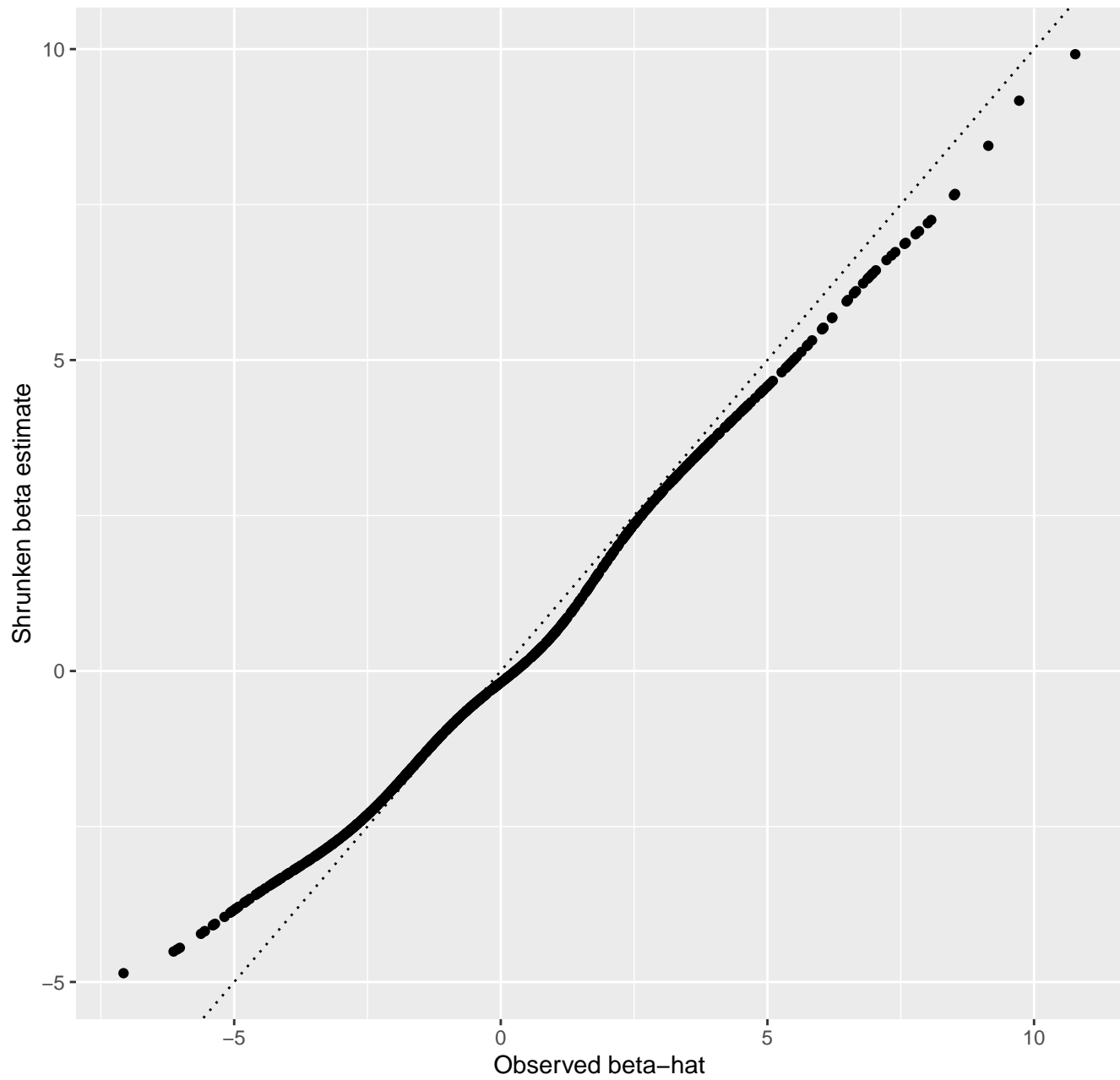
OXSM\_(54995) negative



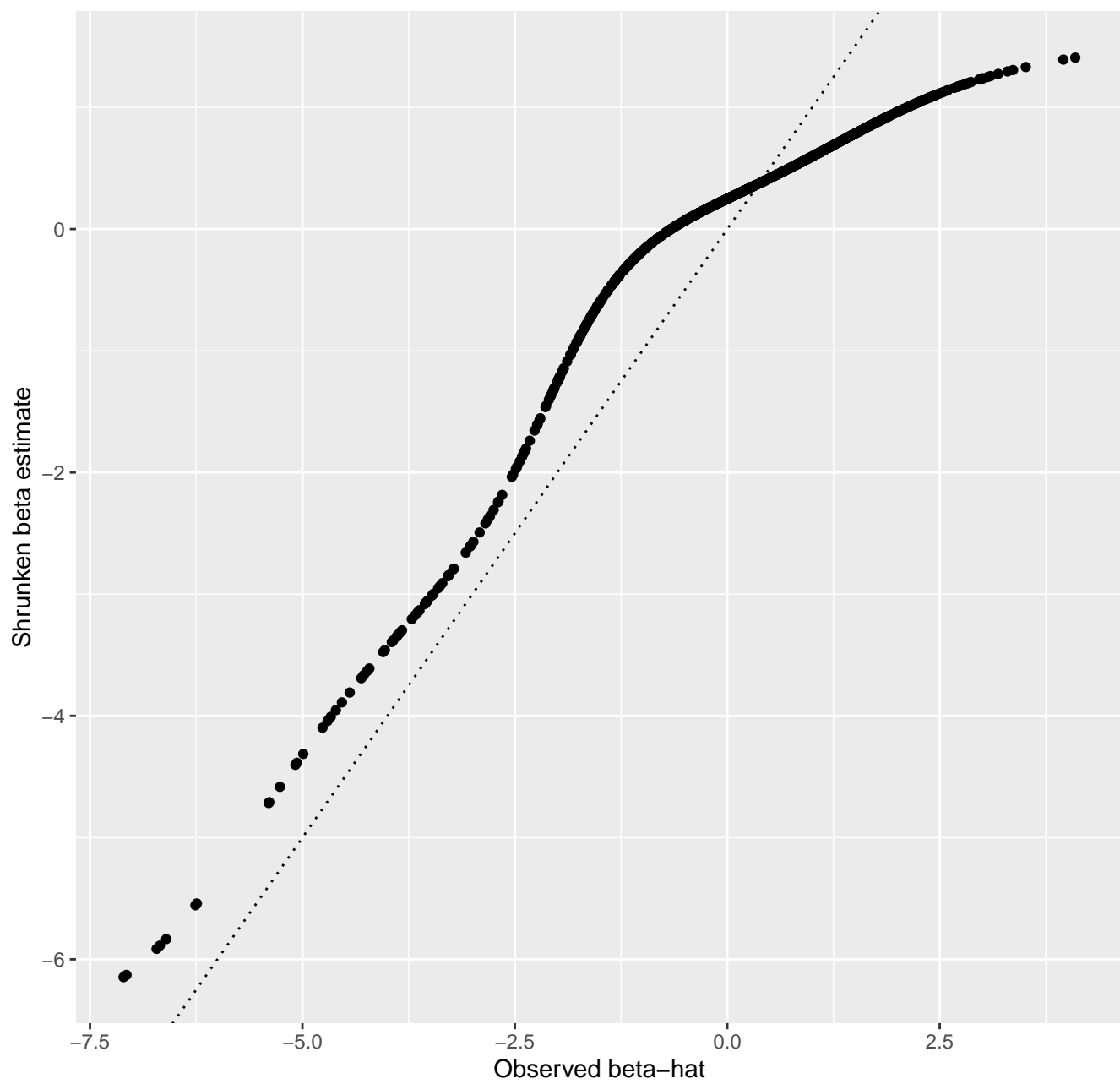
DMAC1\_(90871) negative



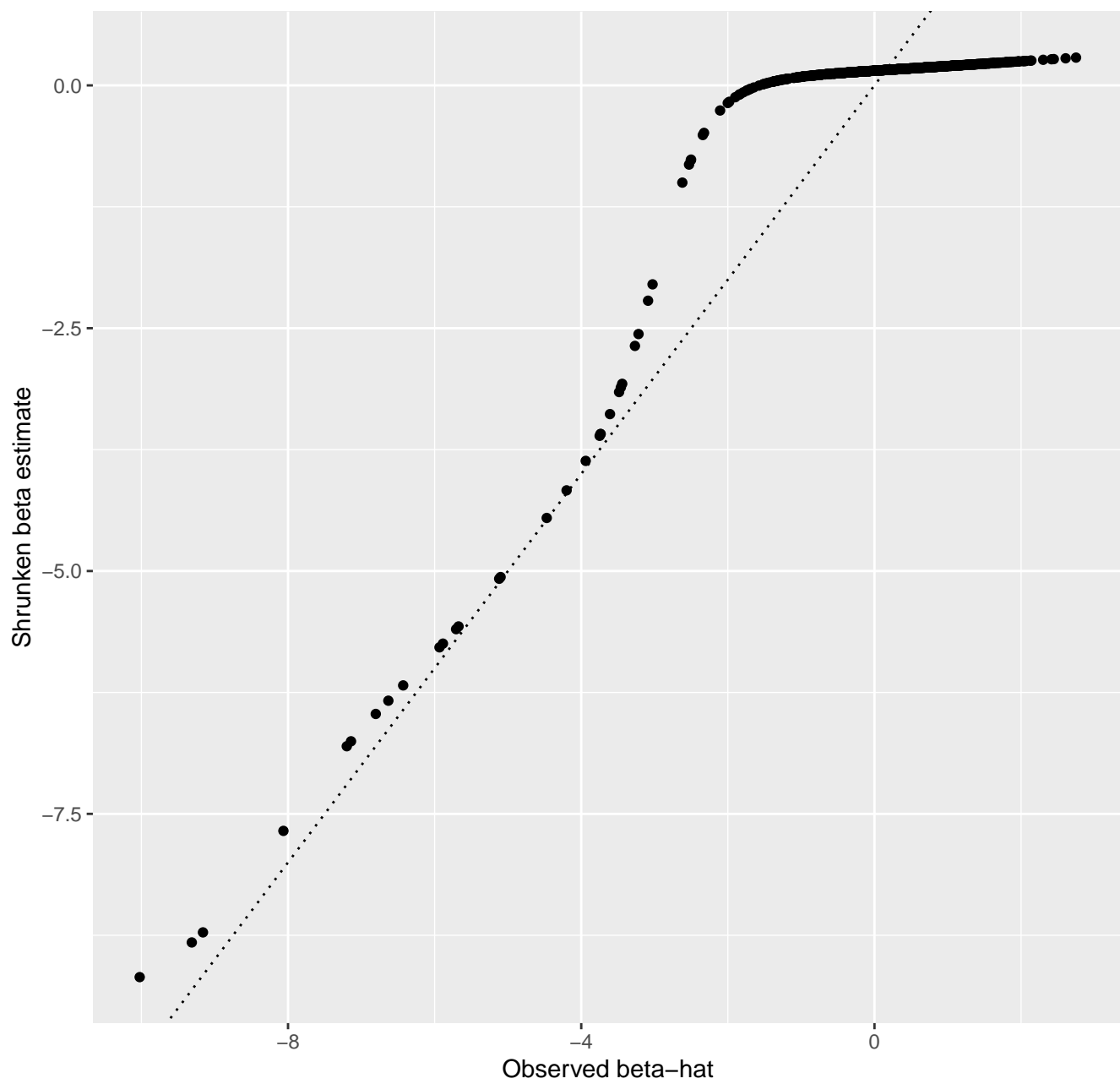
KIF18A\_(81930) positive



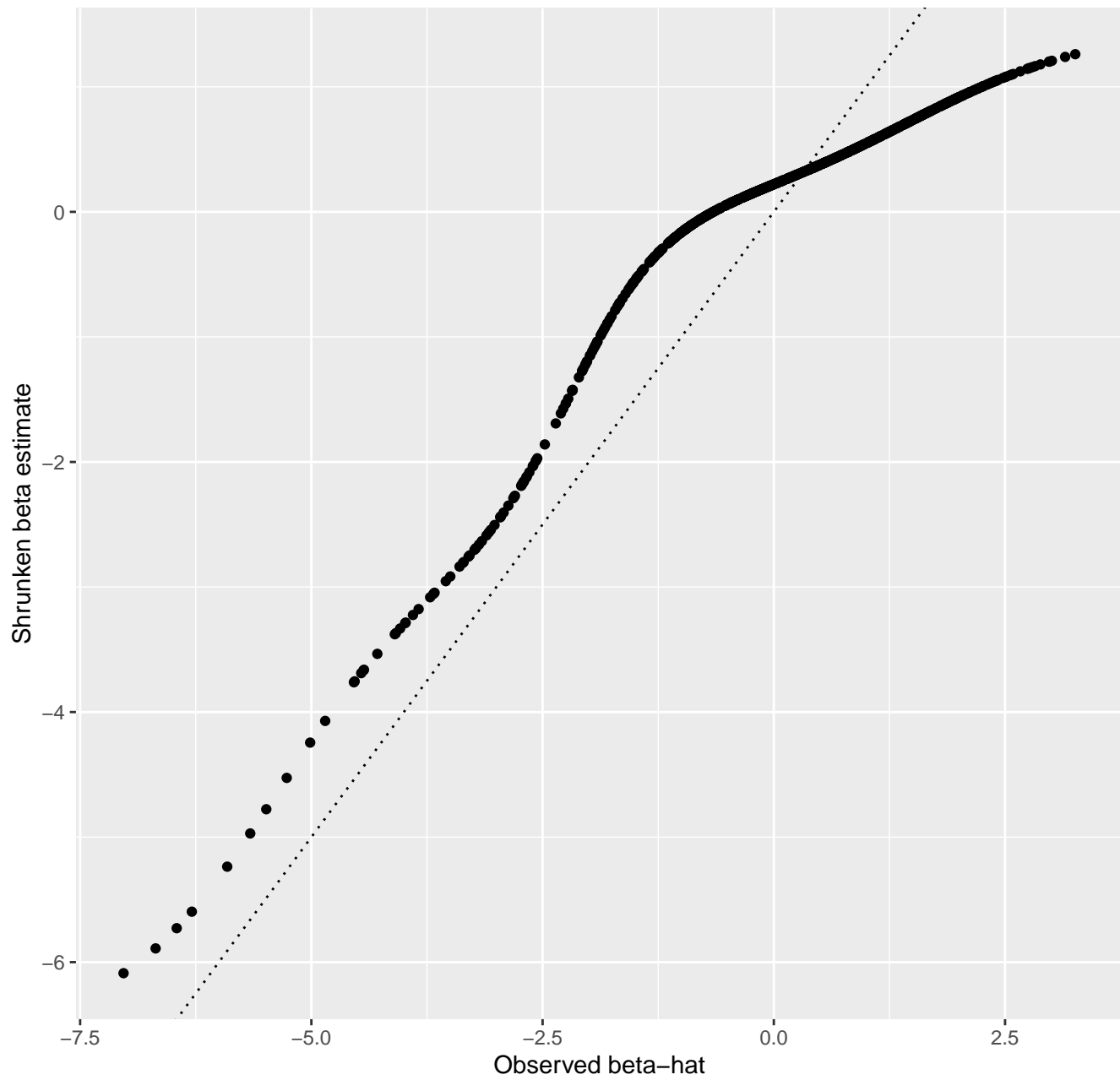
CRK\_(1398) negative



POU2AF1\_(5450) negative

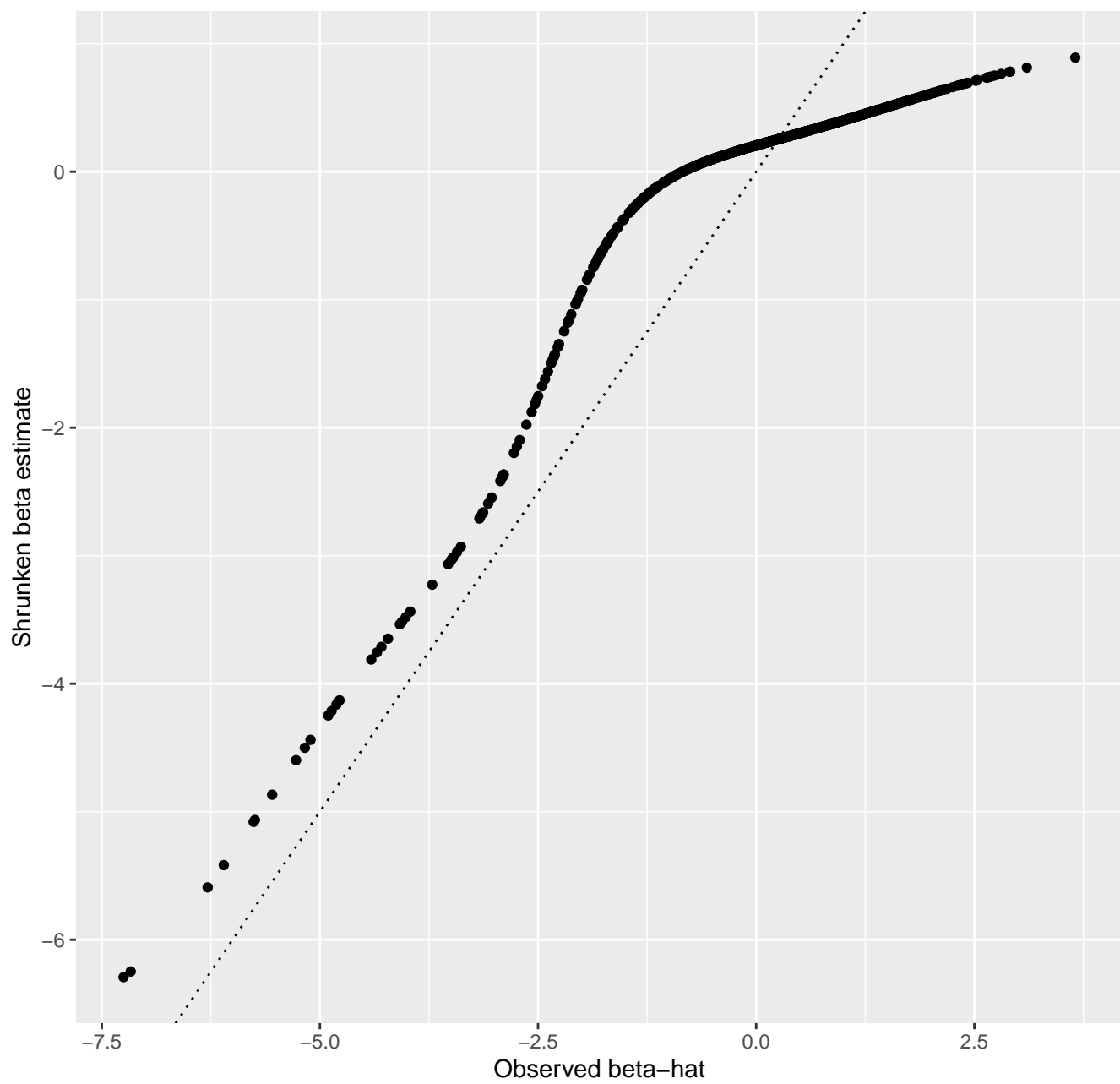


POC1A\_(25886) negative

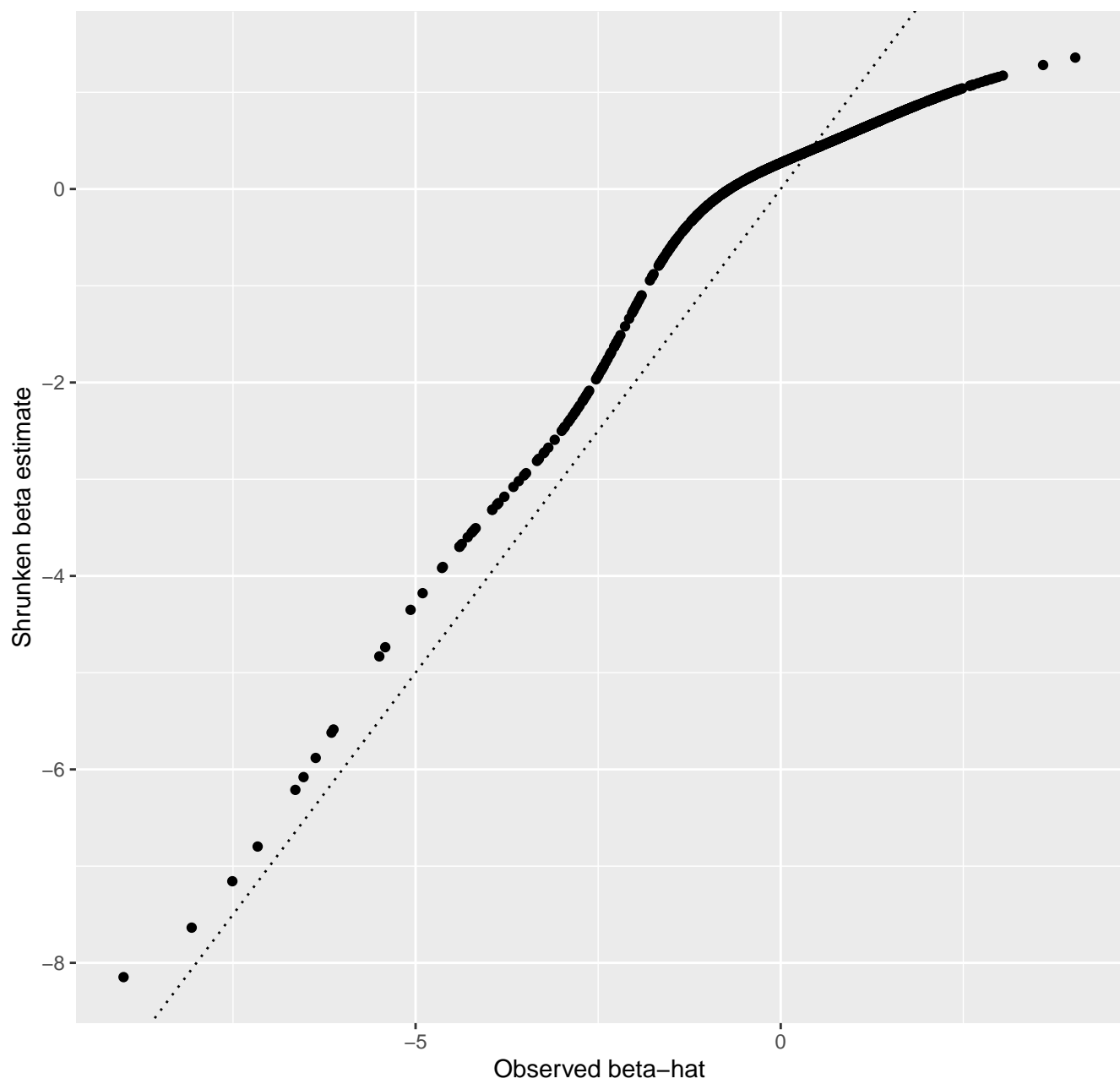




HTRA2\_(27429) negative



APEX2\_(27301) negative



E2F3\_(1871) negative

Shrunken beta estimate

Observed beta-hat

0.0

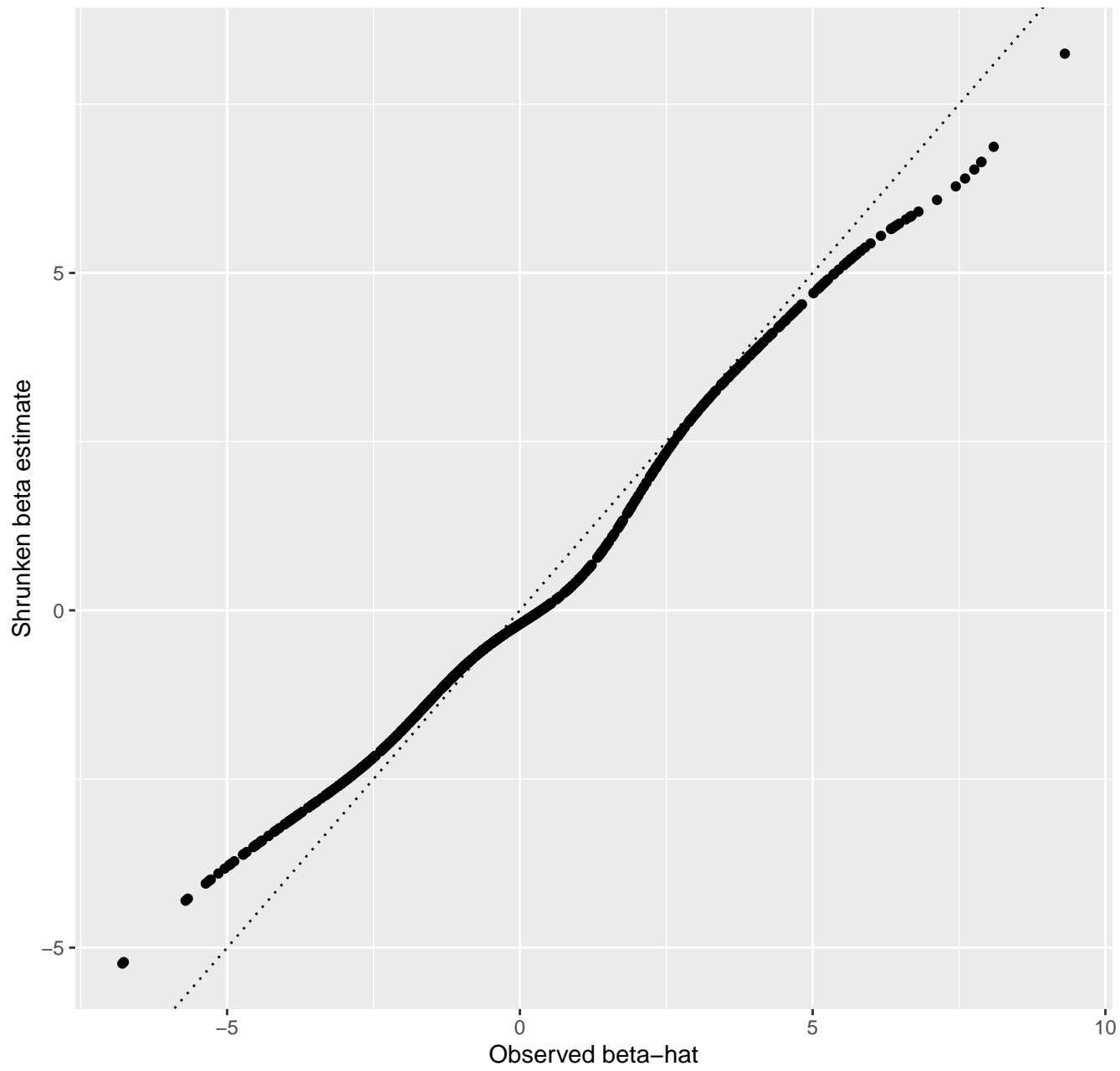
-2.5

-5.0

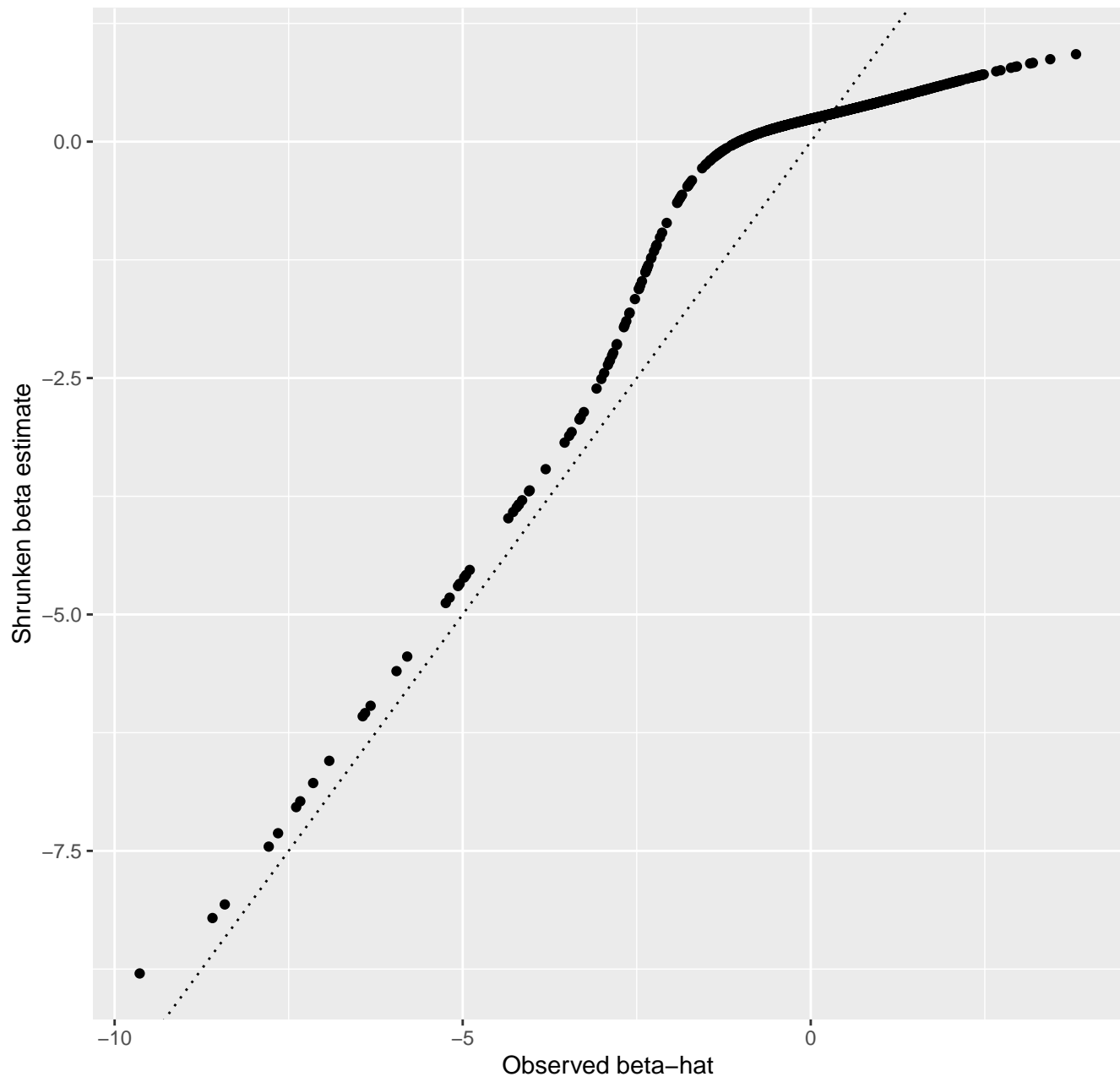
0

-5

ATP1A1\_(476) positive



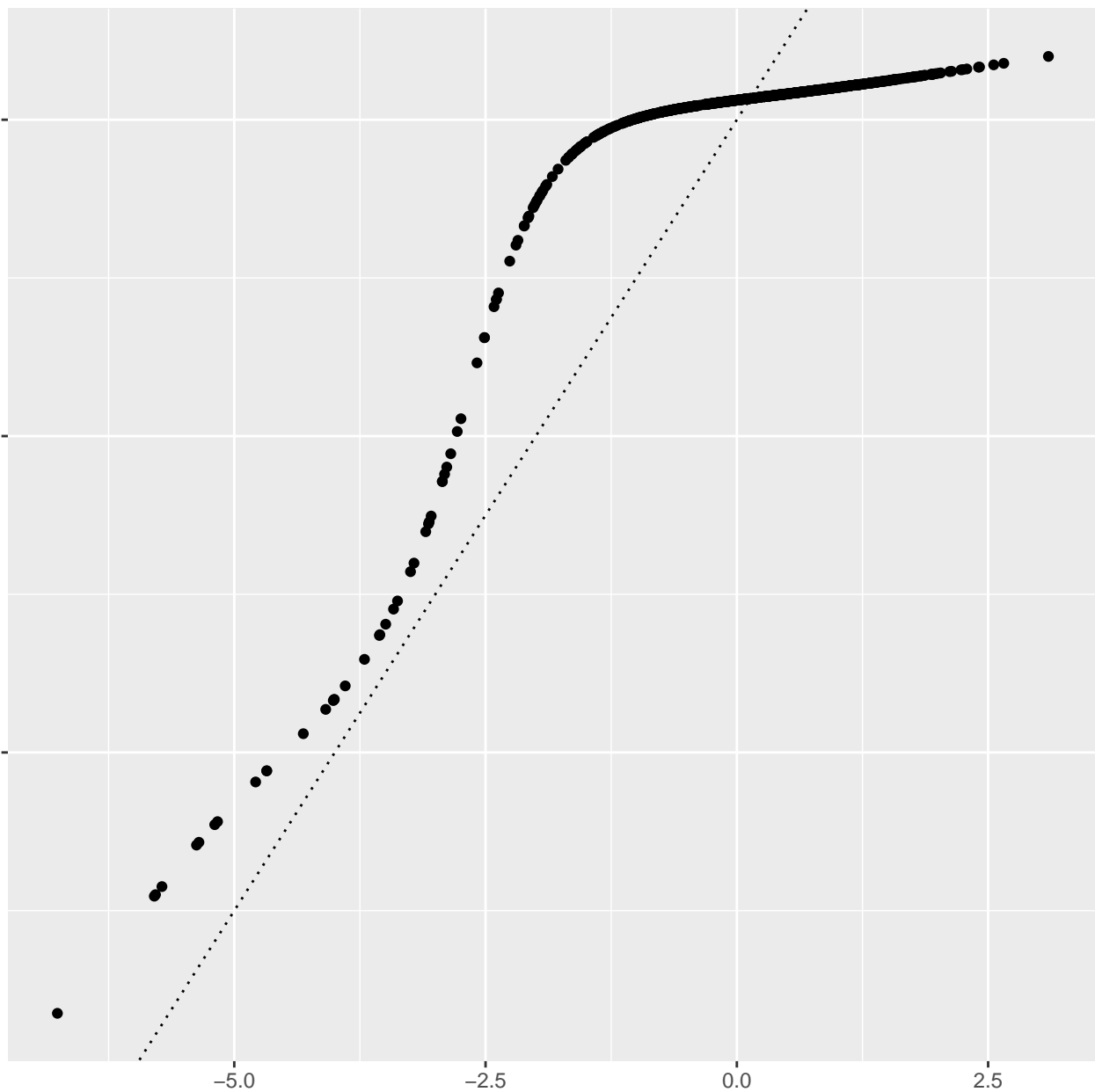
CCNE1\_(898) negative



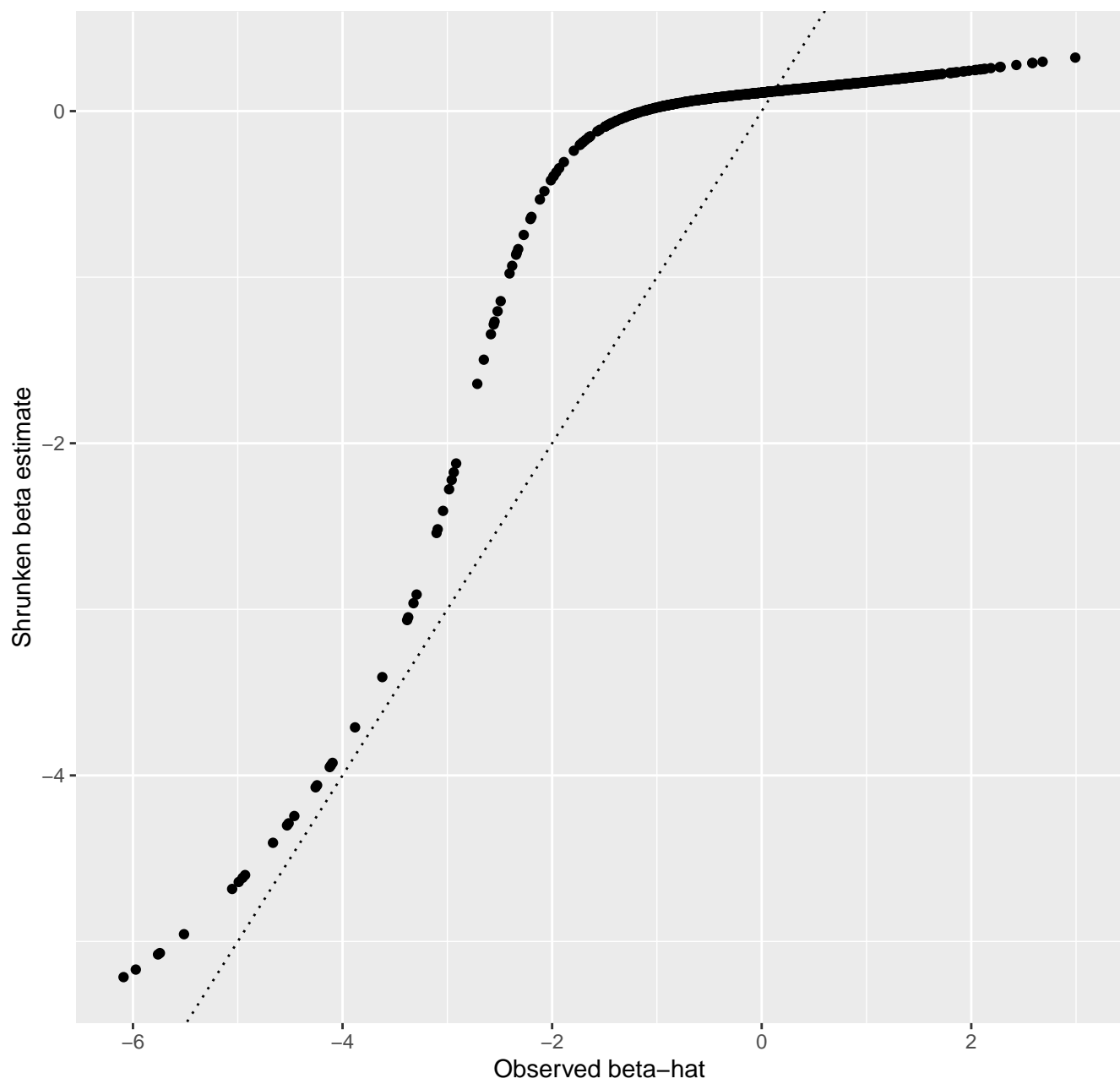
MTR\_(4548) negative

Shrunken beta estimate

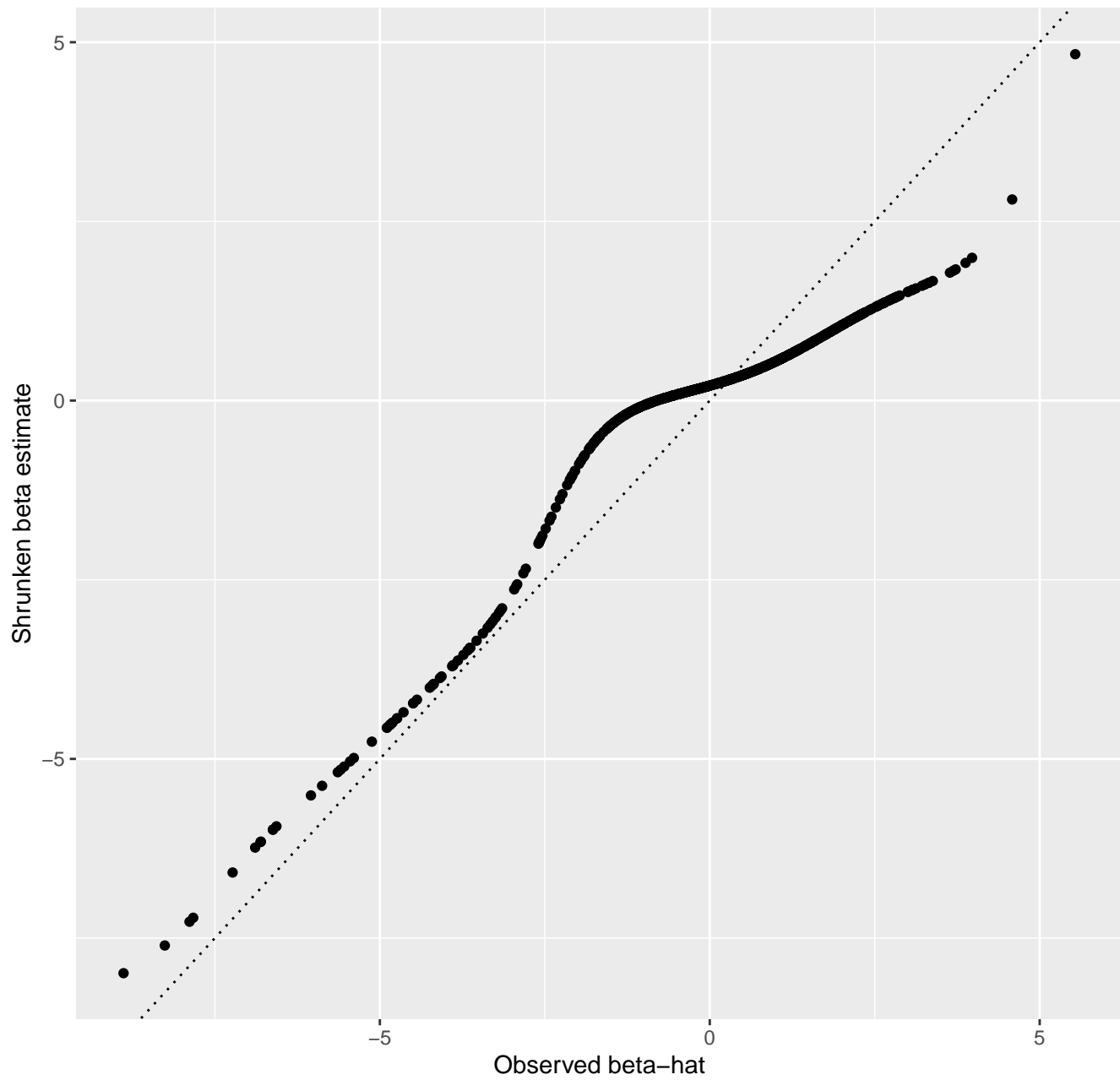
Observed beta-hat



WRAP73\_(49856) negative

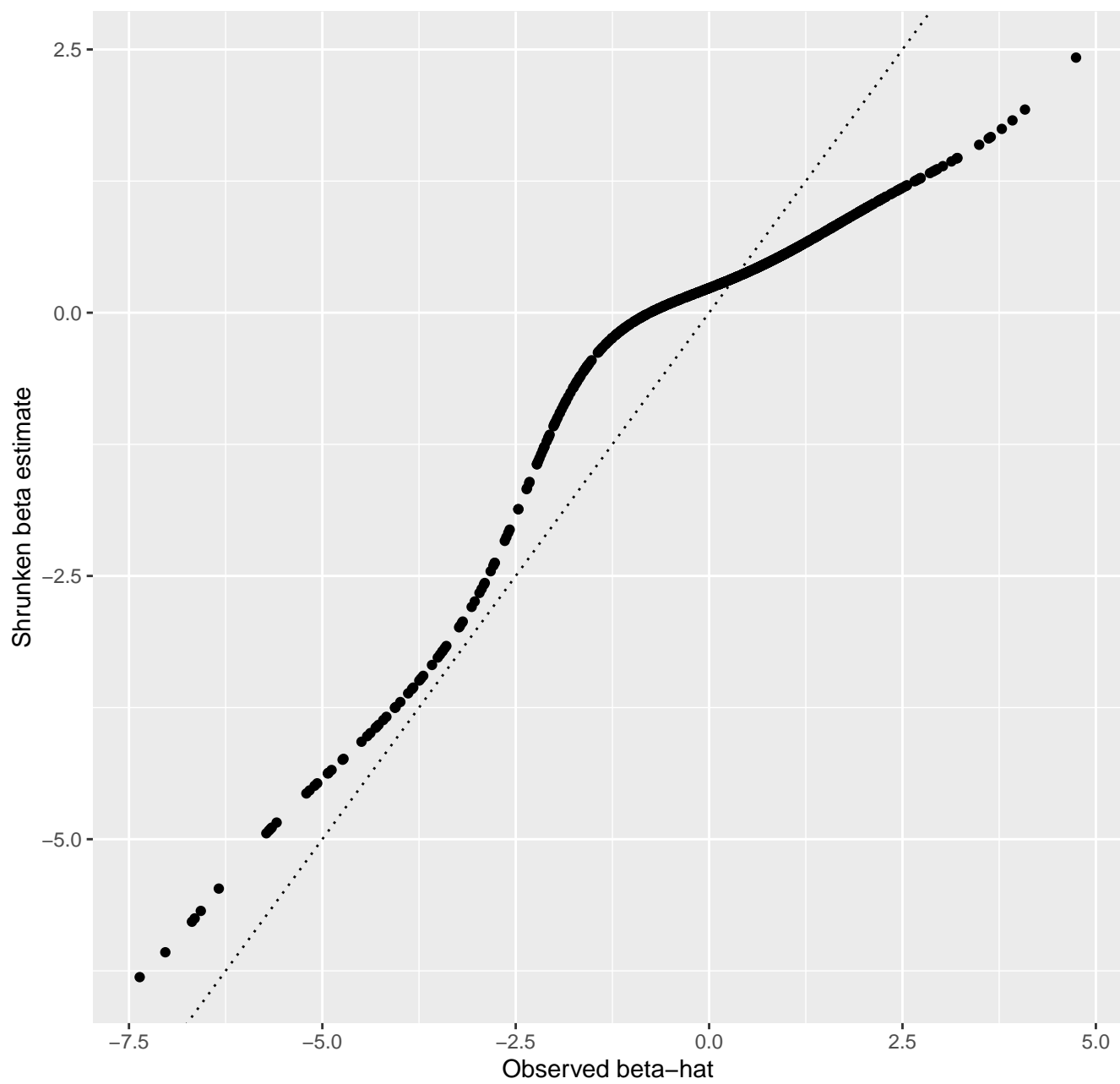


LDB1\_(8861) negative

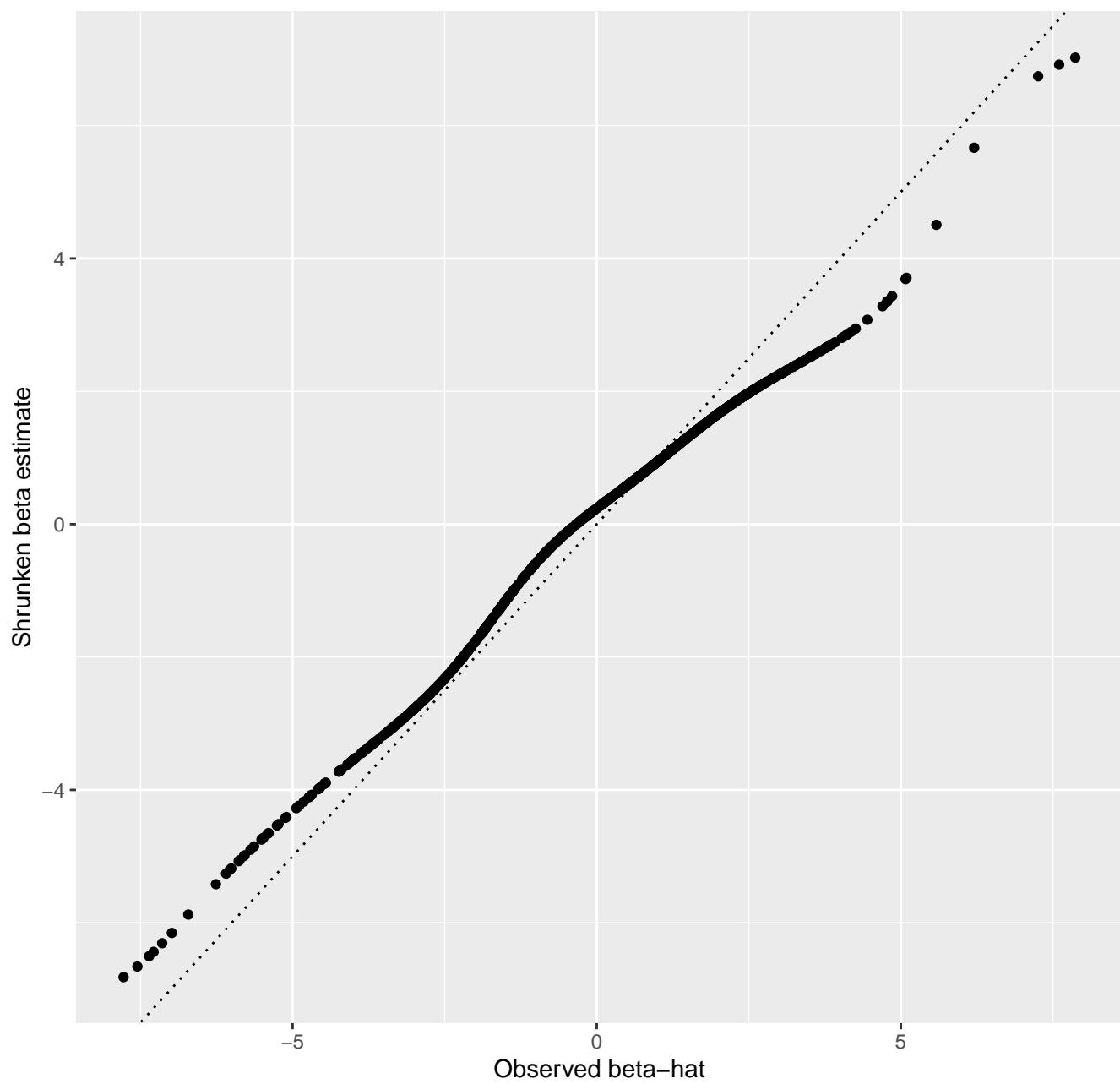




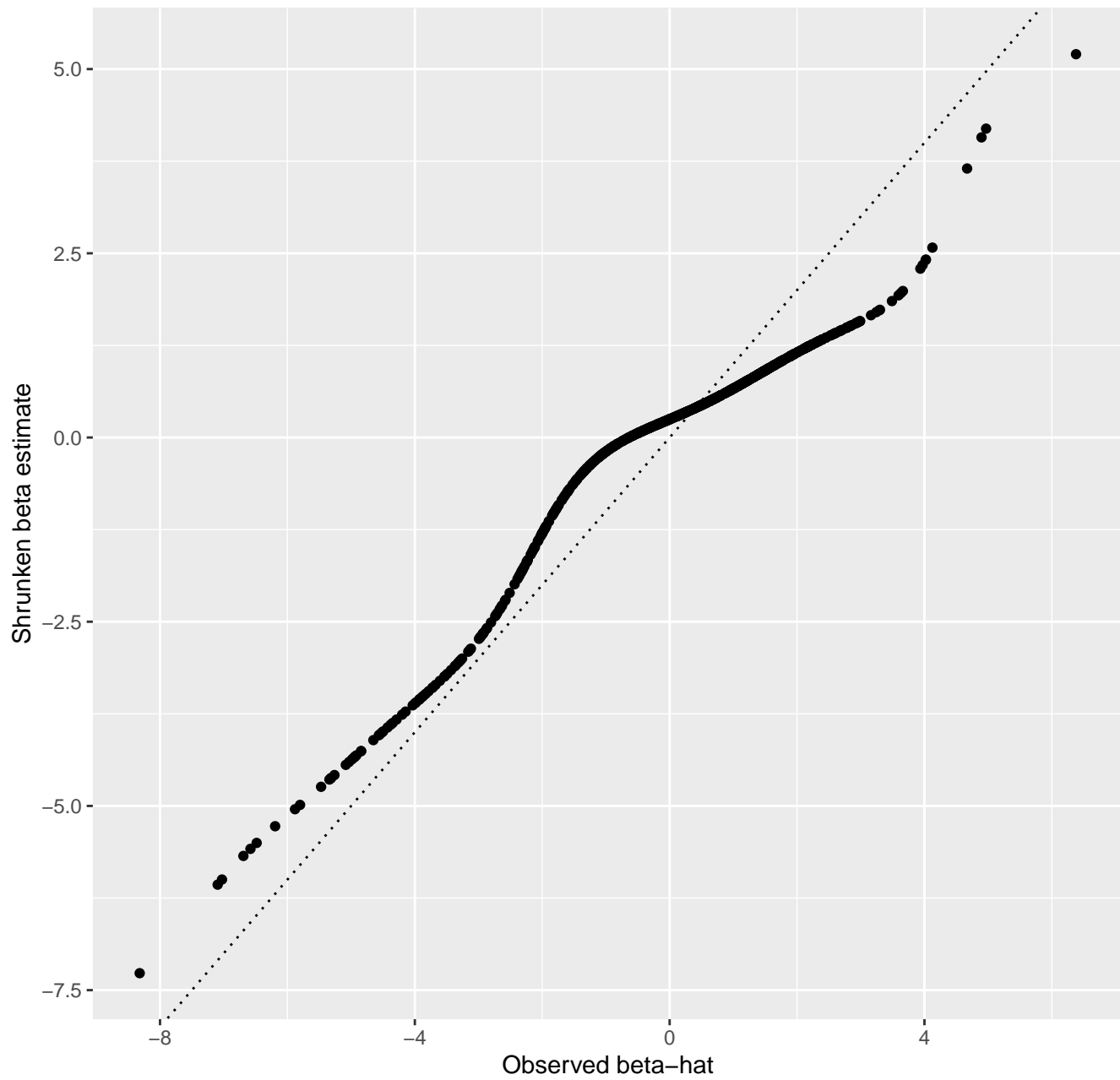
DNAJC13\_(23317) negative



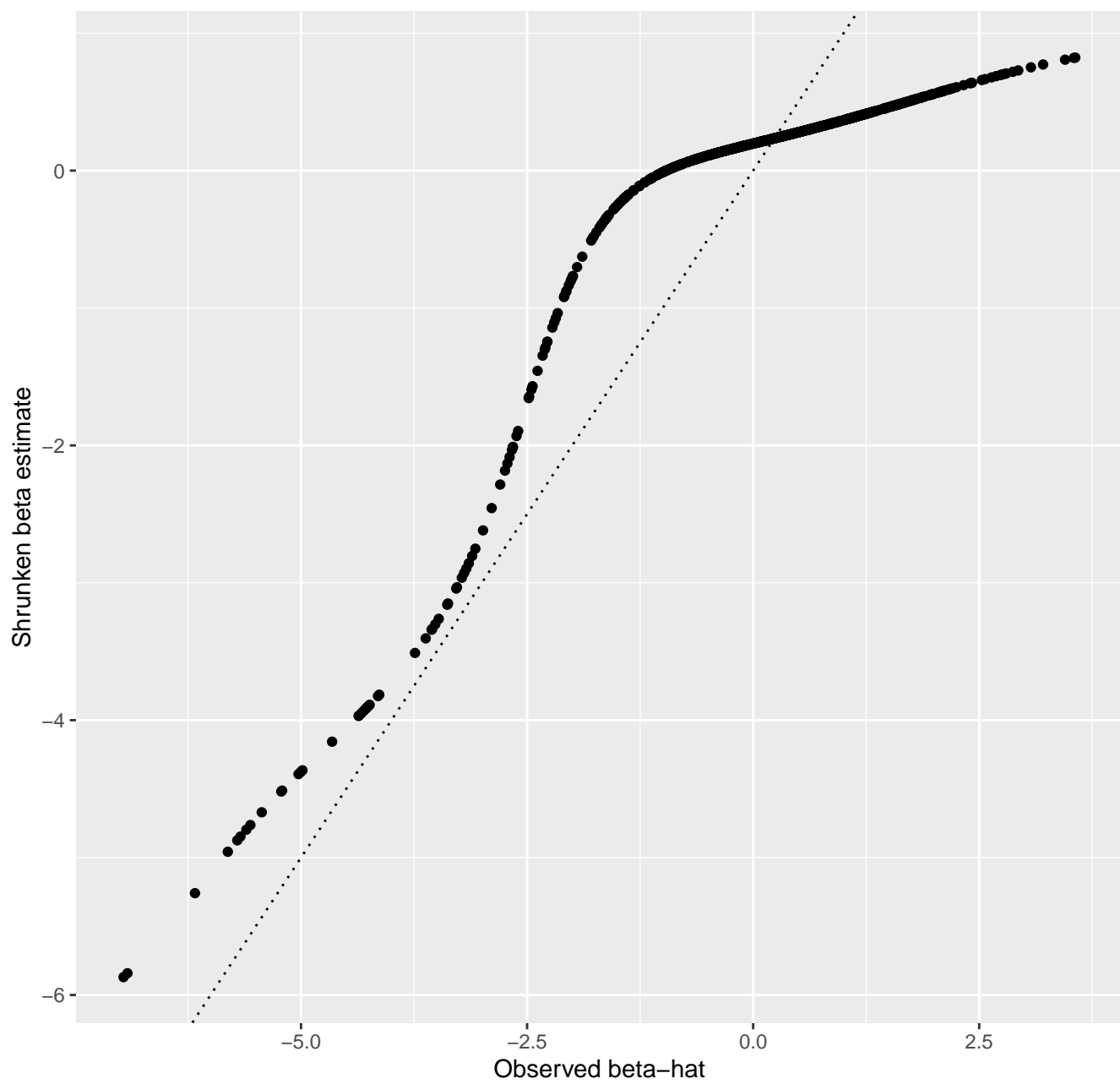
SLC2A1\_(6513) positive



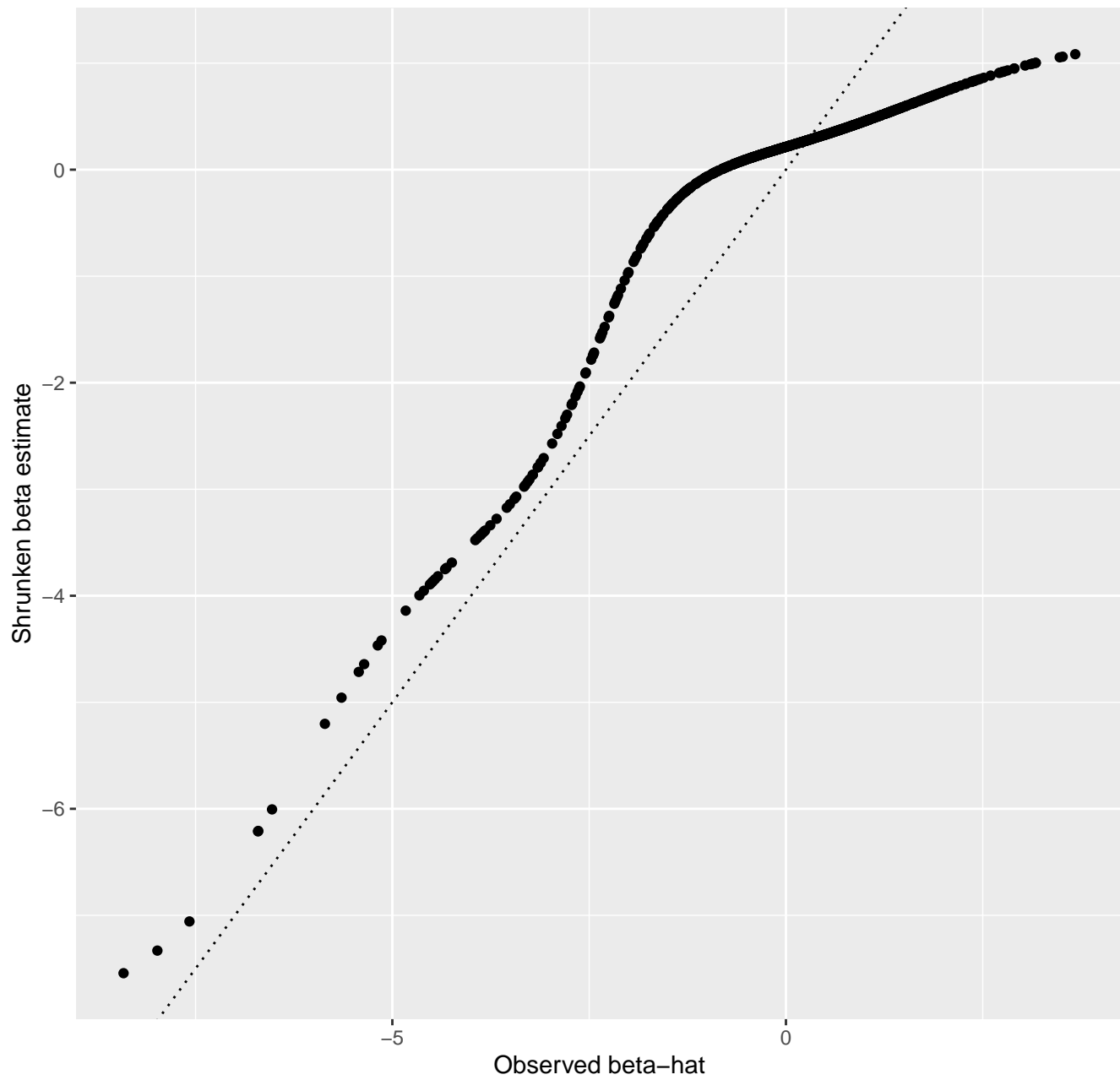
JUN\_(3725) negative



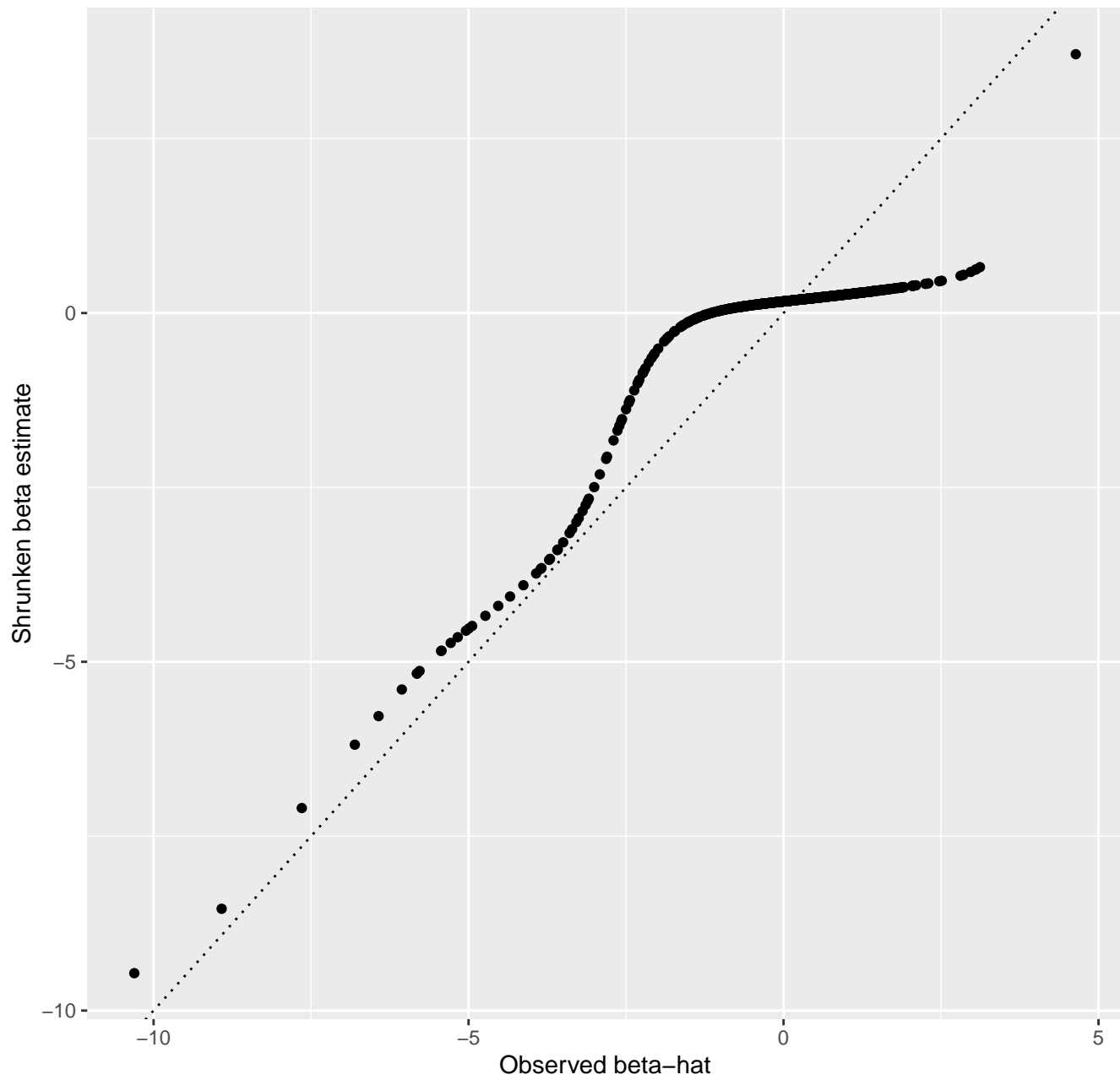
PARD3\_(56288) negative



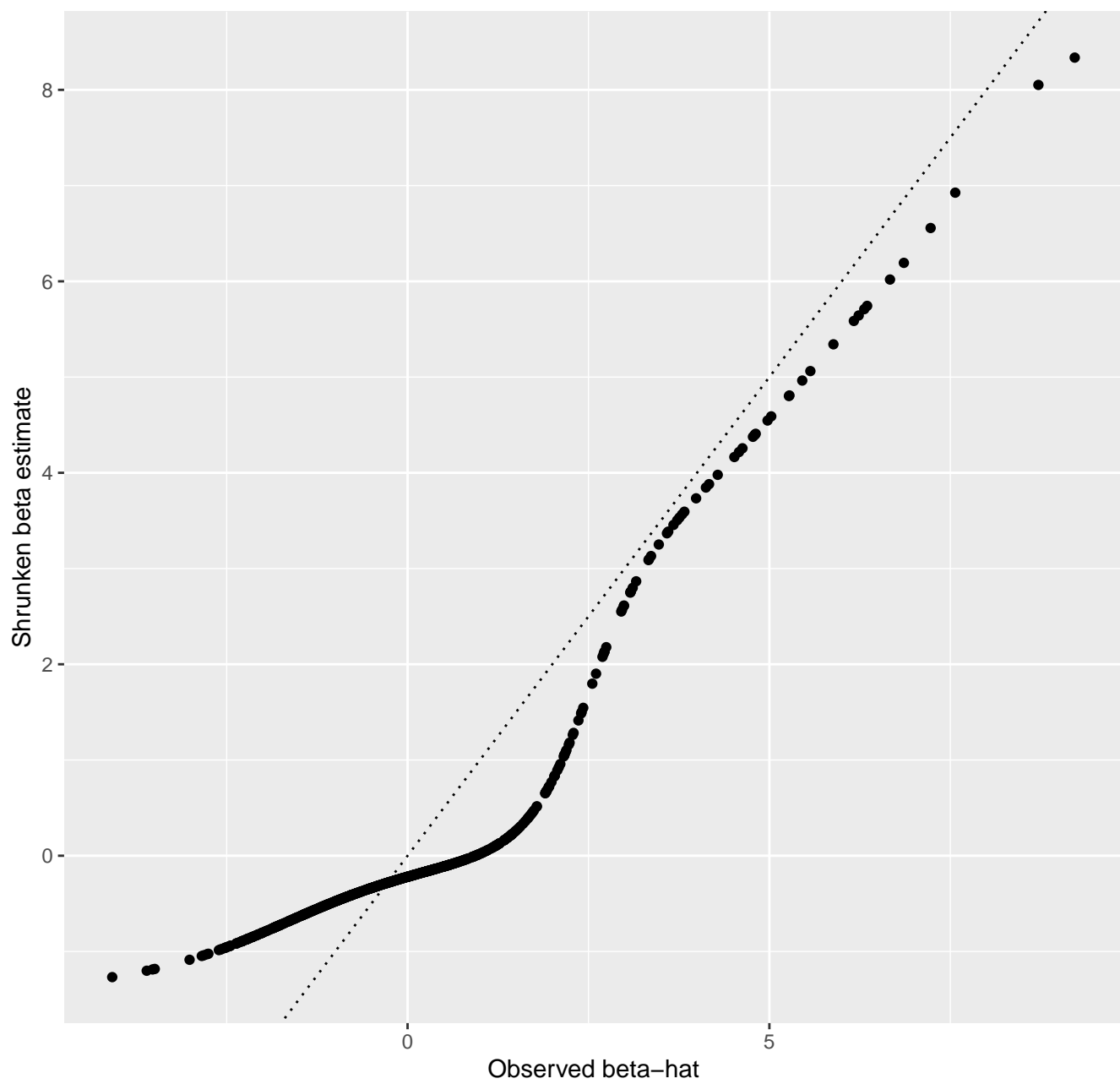
ITGA3\_(3675) negative



FERMT1\_(55612) negative

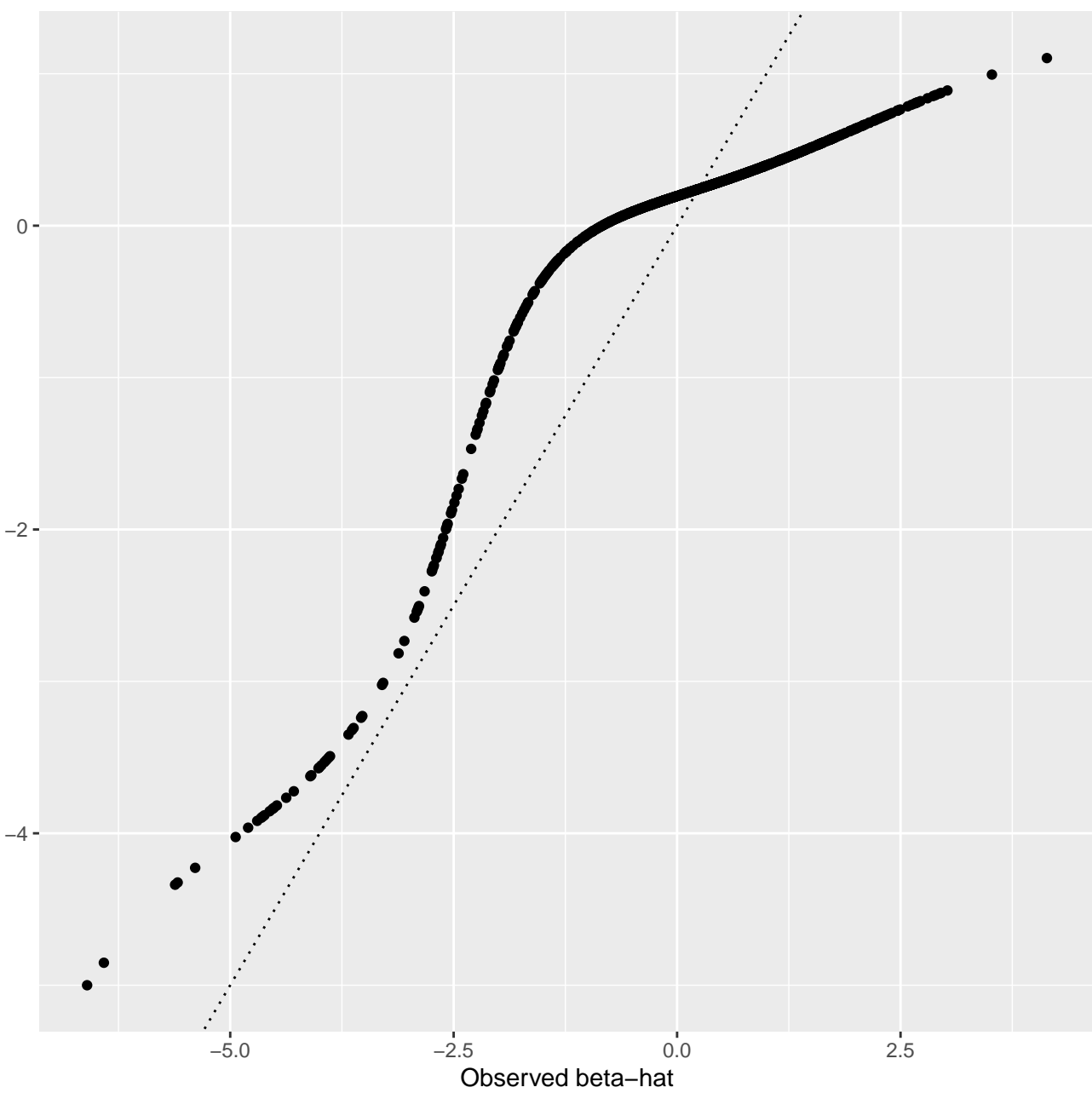


KIRREL1\_(55243) positive



MDM4\_(4194) negative

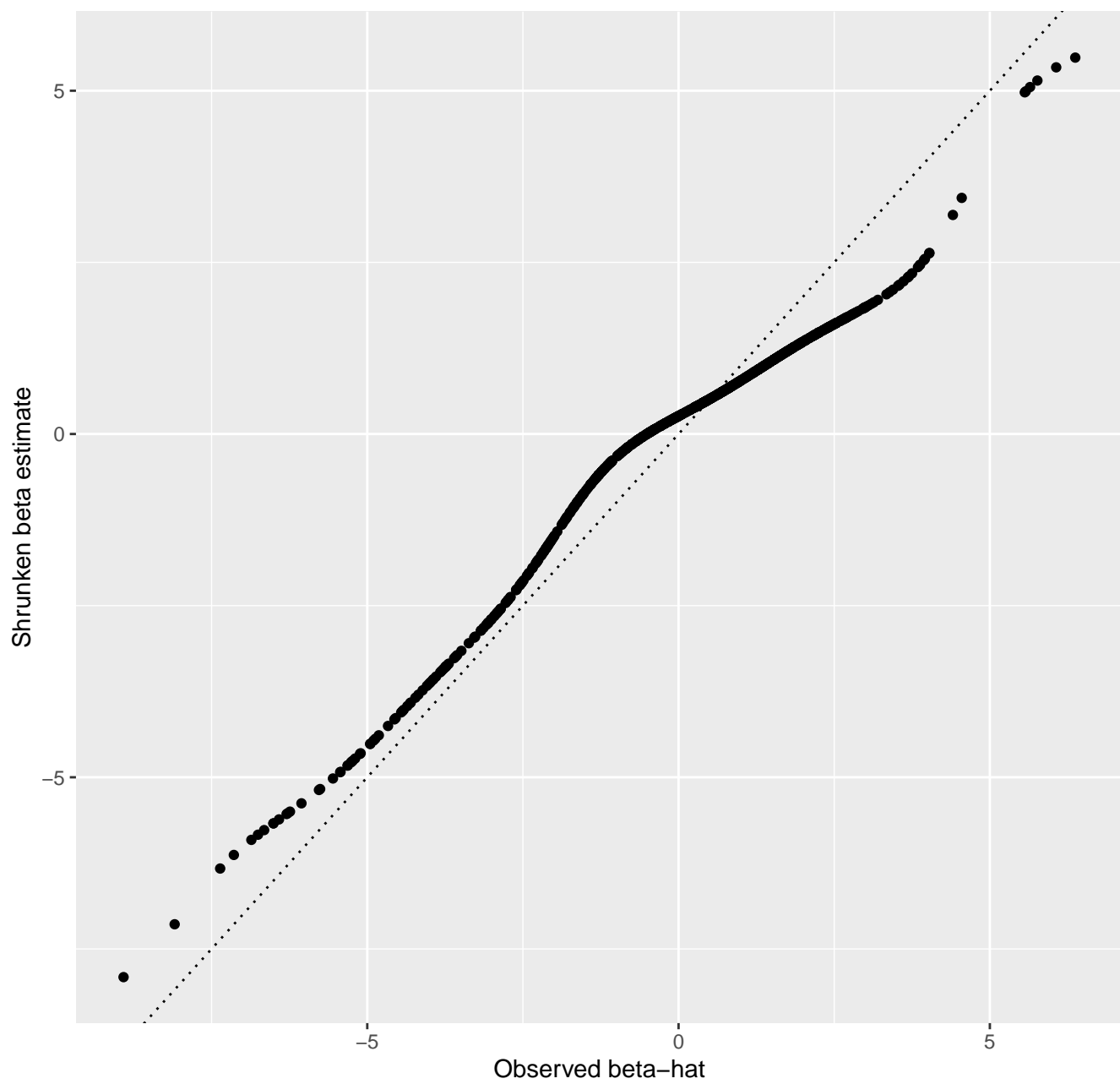
Shrunken beta estimate



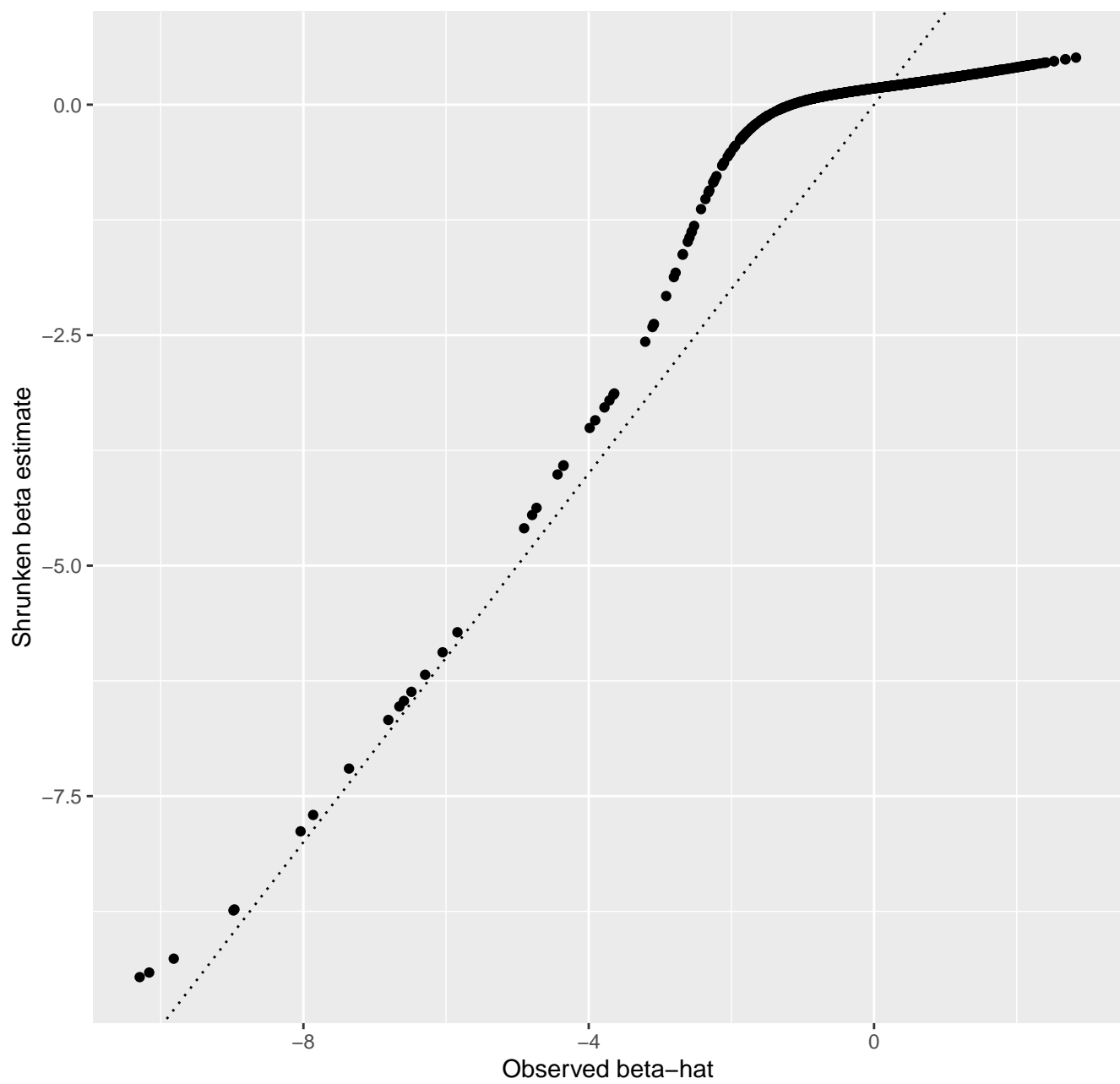
Observed beta-hat



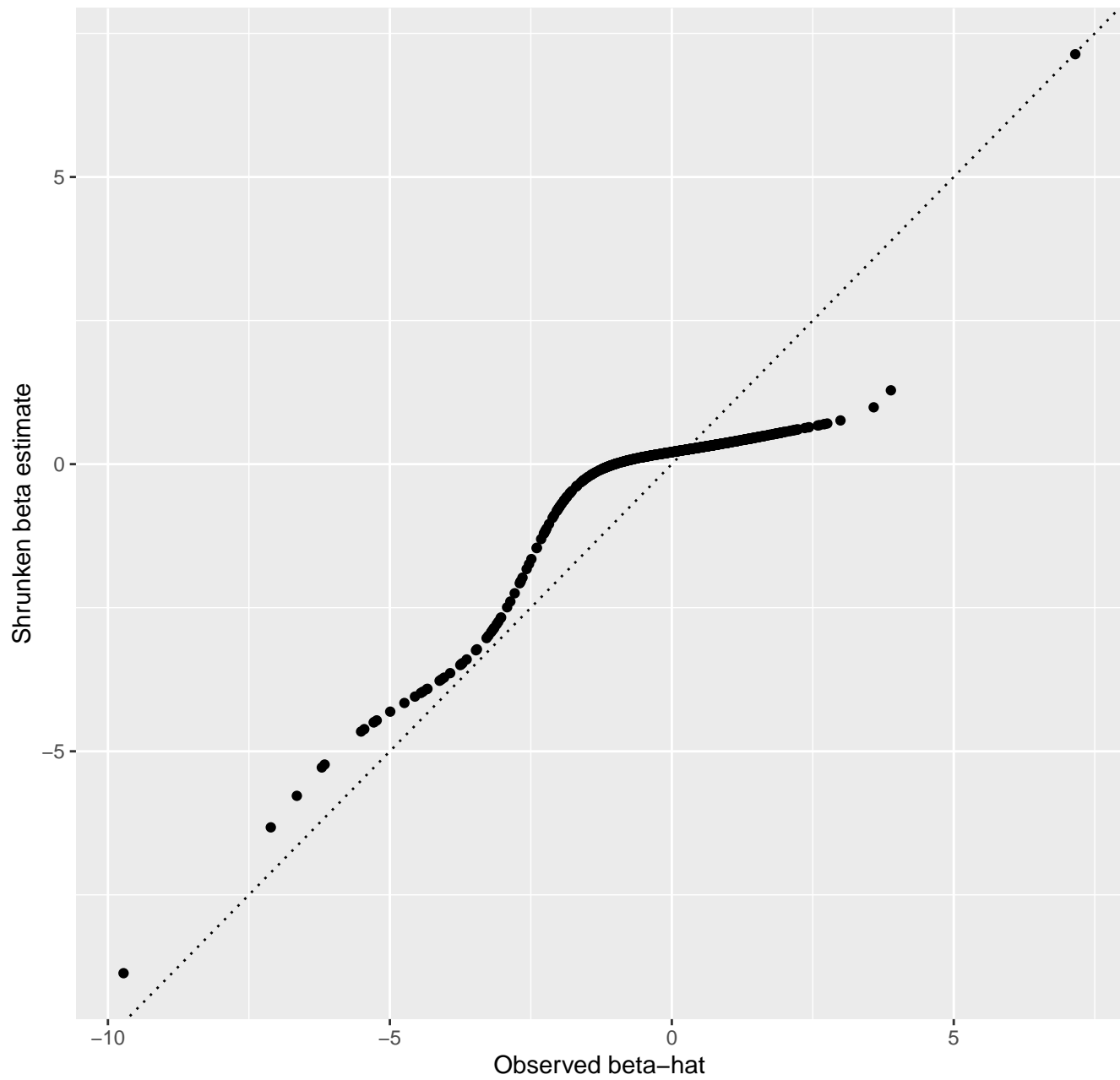
FBXO42\_(54455) negative



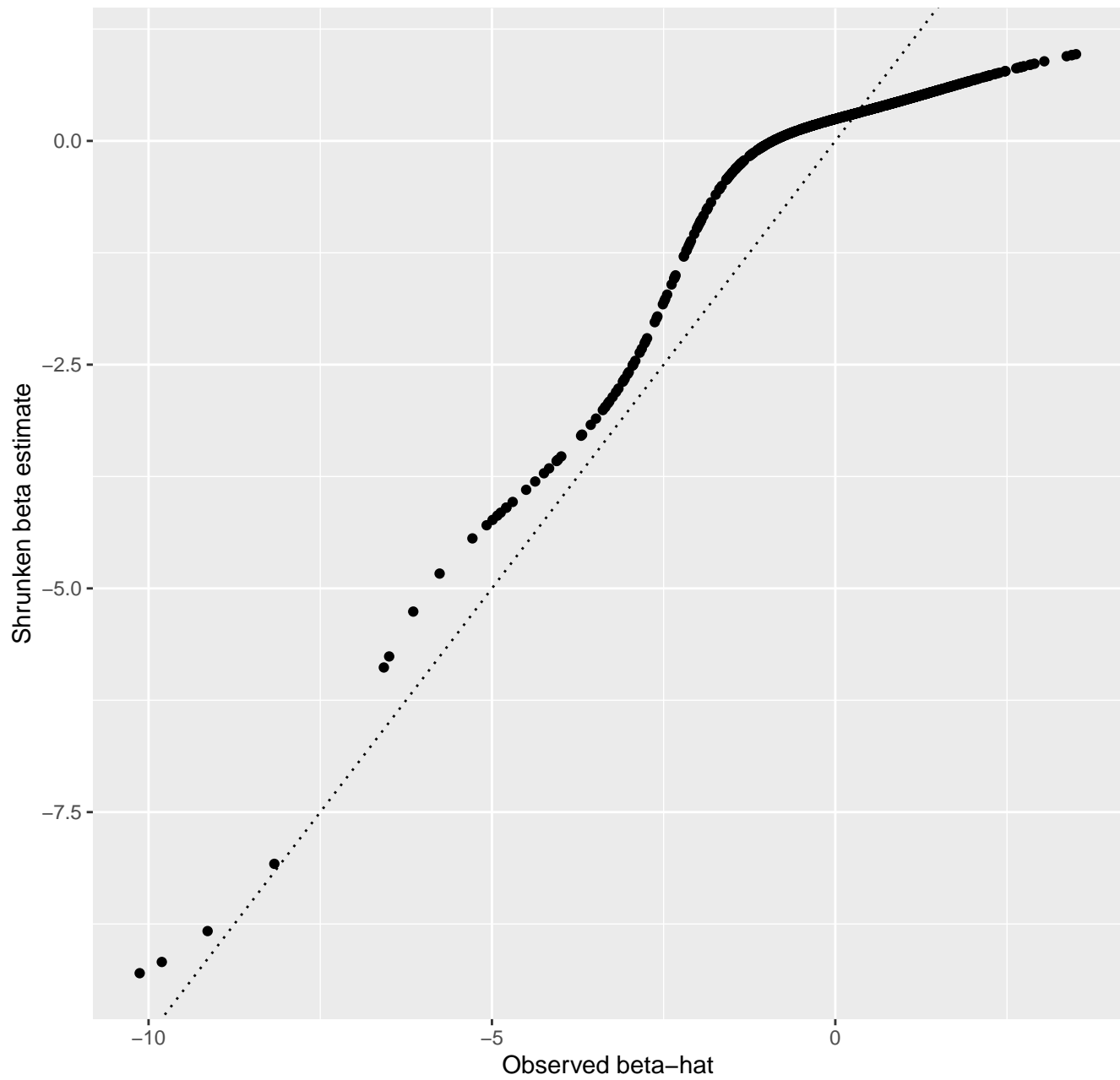
WRN\_(7486) negative



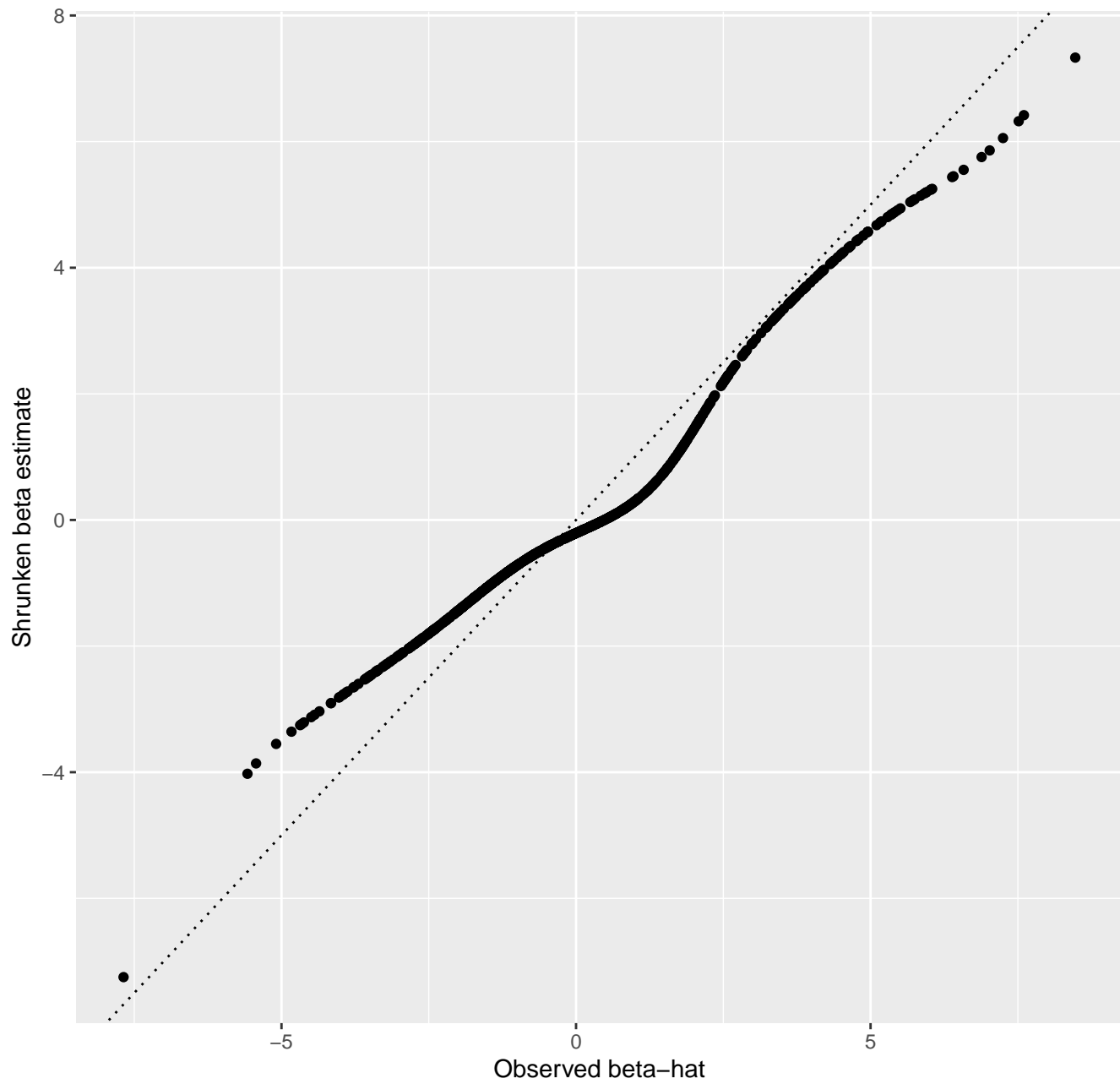
ACSL4\_(2182) negative



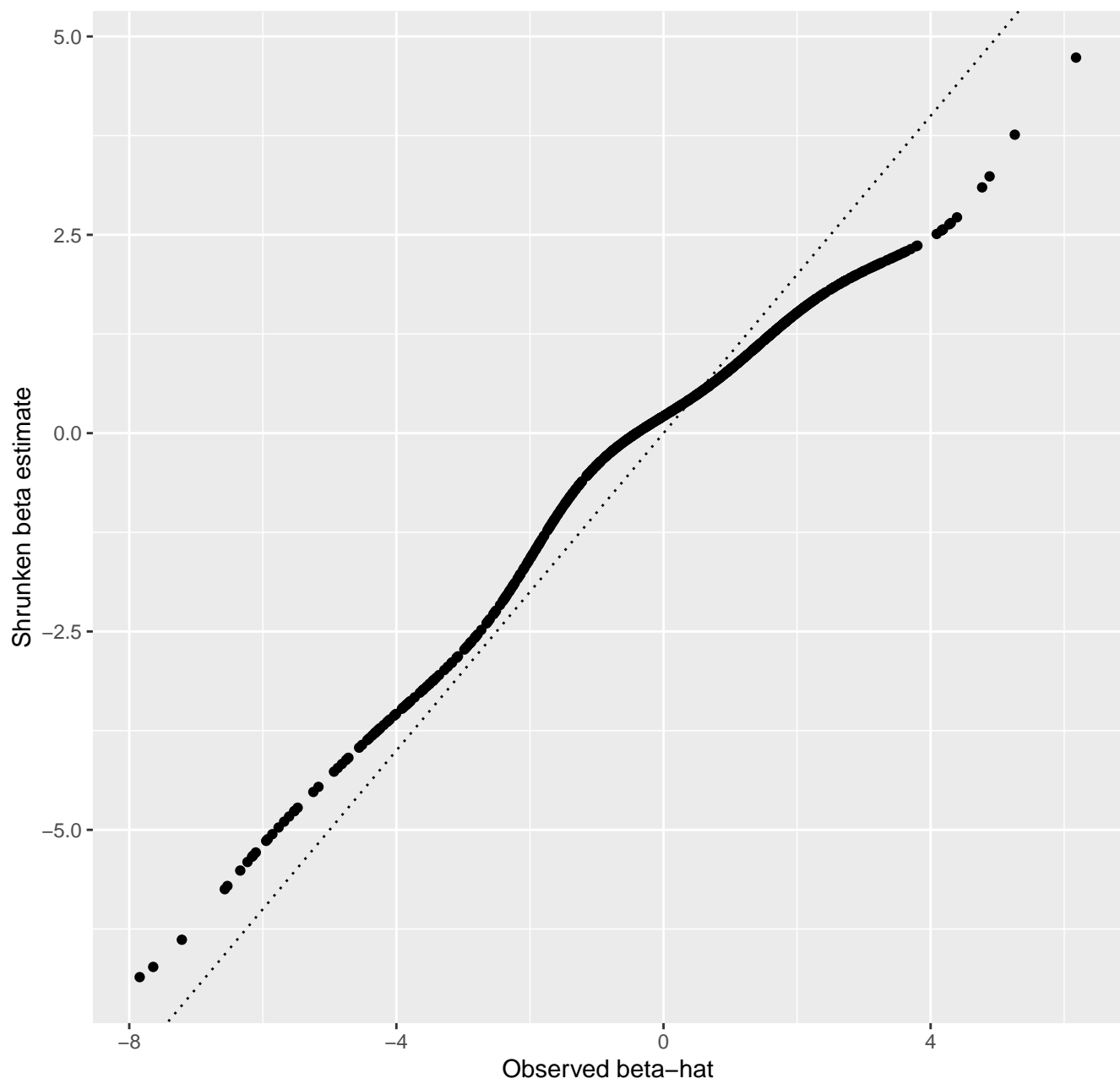
LMNA\_(4000) negative



TUBB\_(203068) positive



WWTR1\_(25937) negative



DPM2\_(8818) negative

Shrunken beta estimate

Observed beta-hat

0.0

-2.5

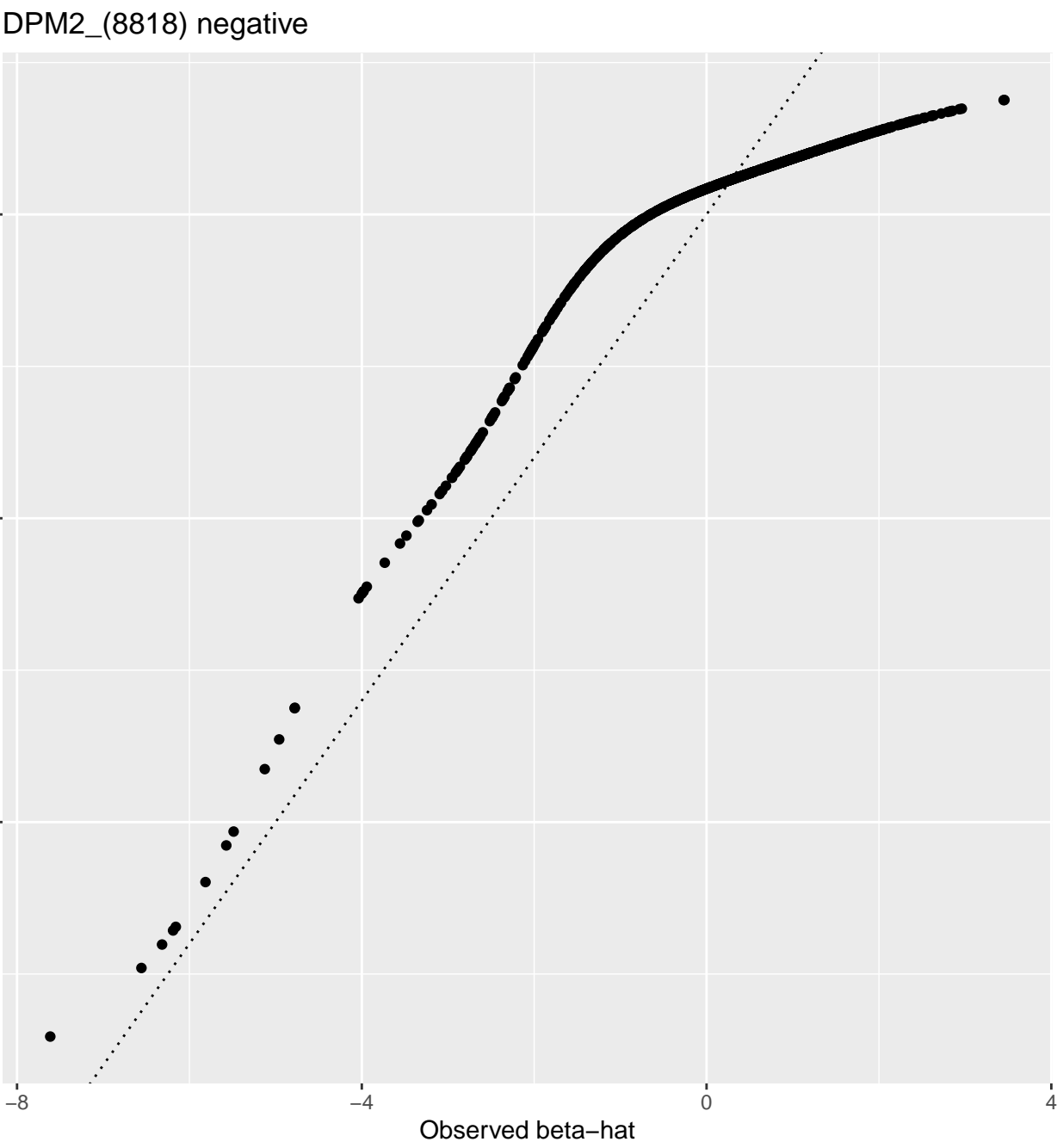
-5.0

-8

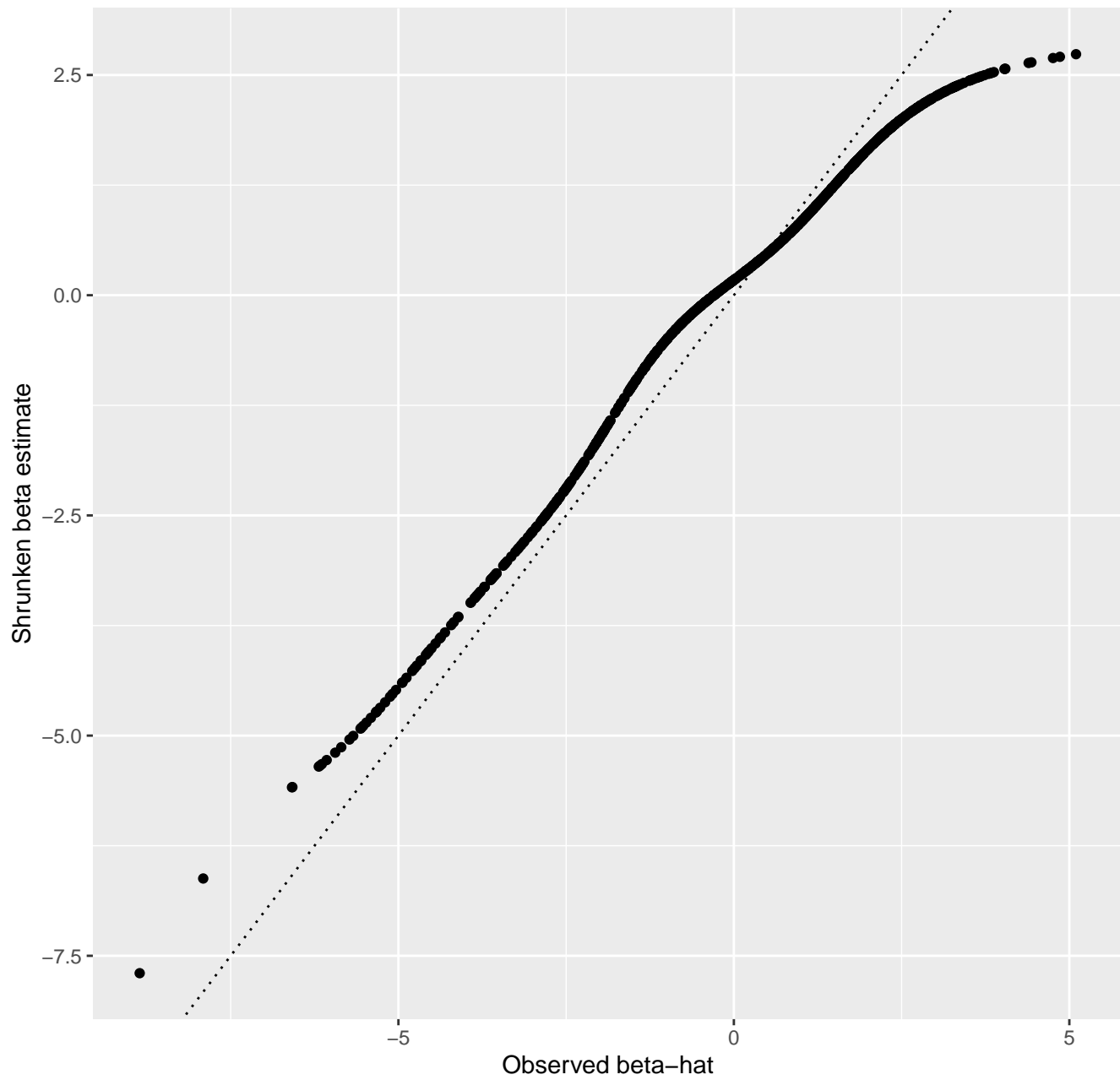
-4

0

4

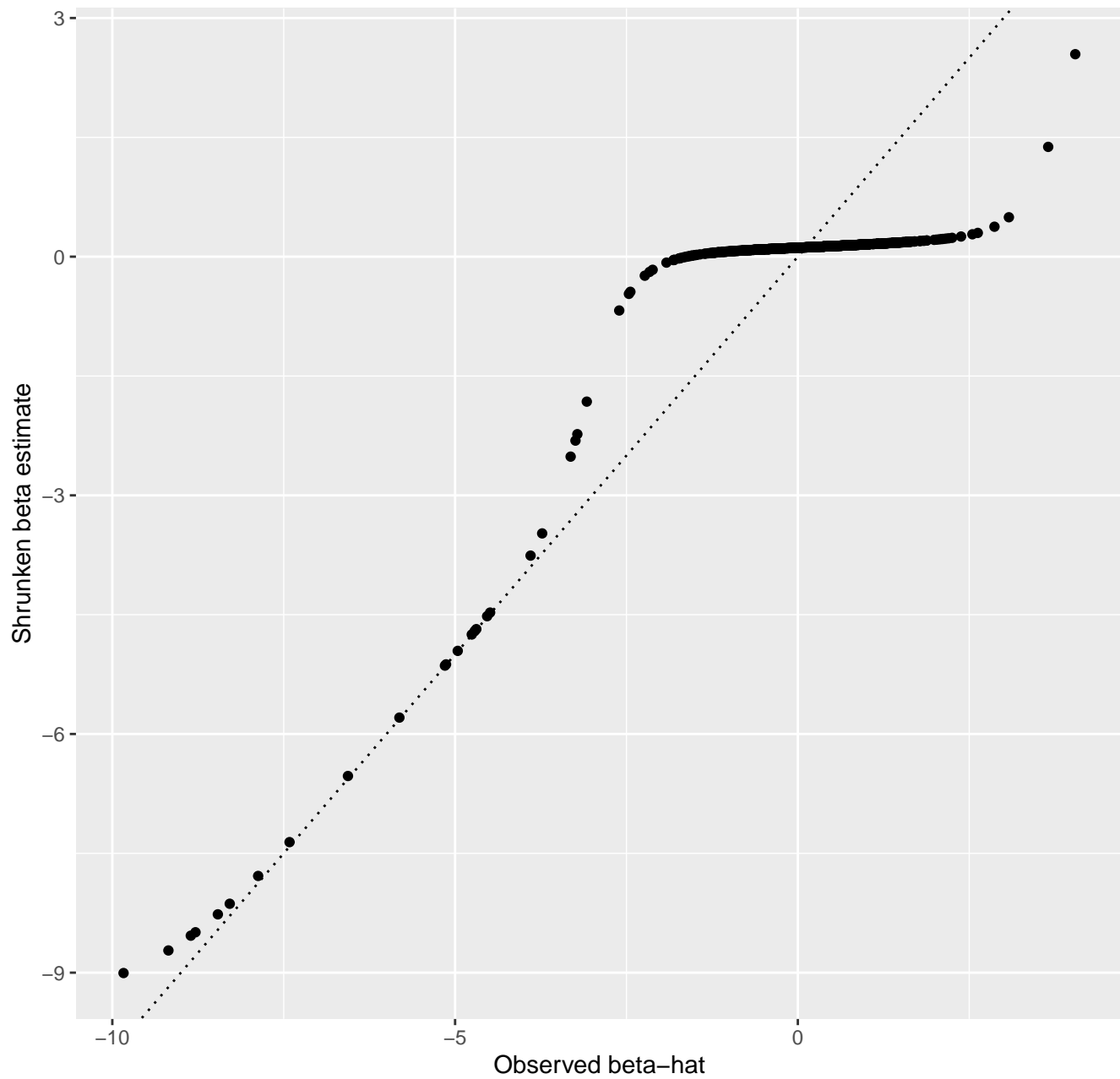


EAF1\_(85403) negative

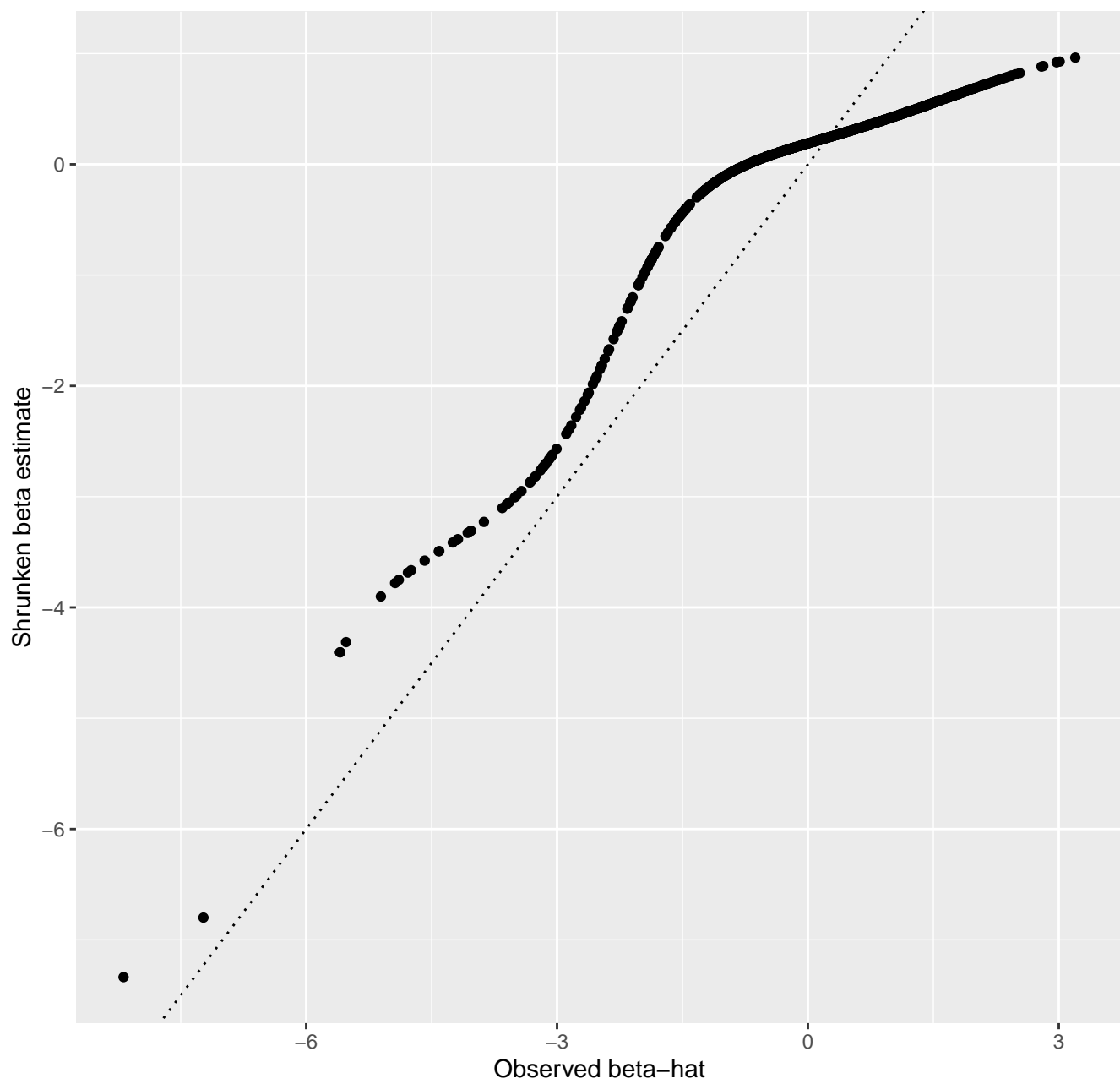




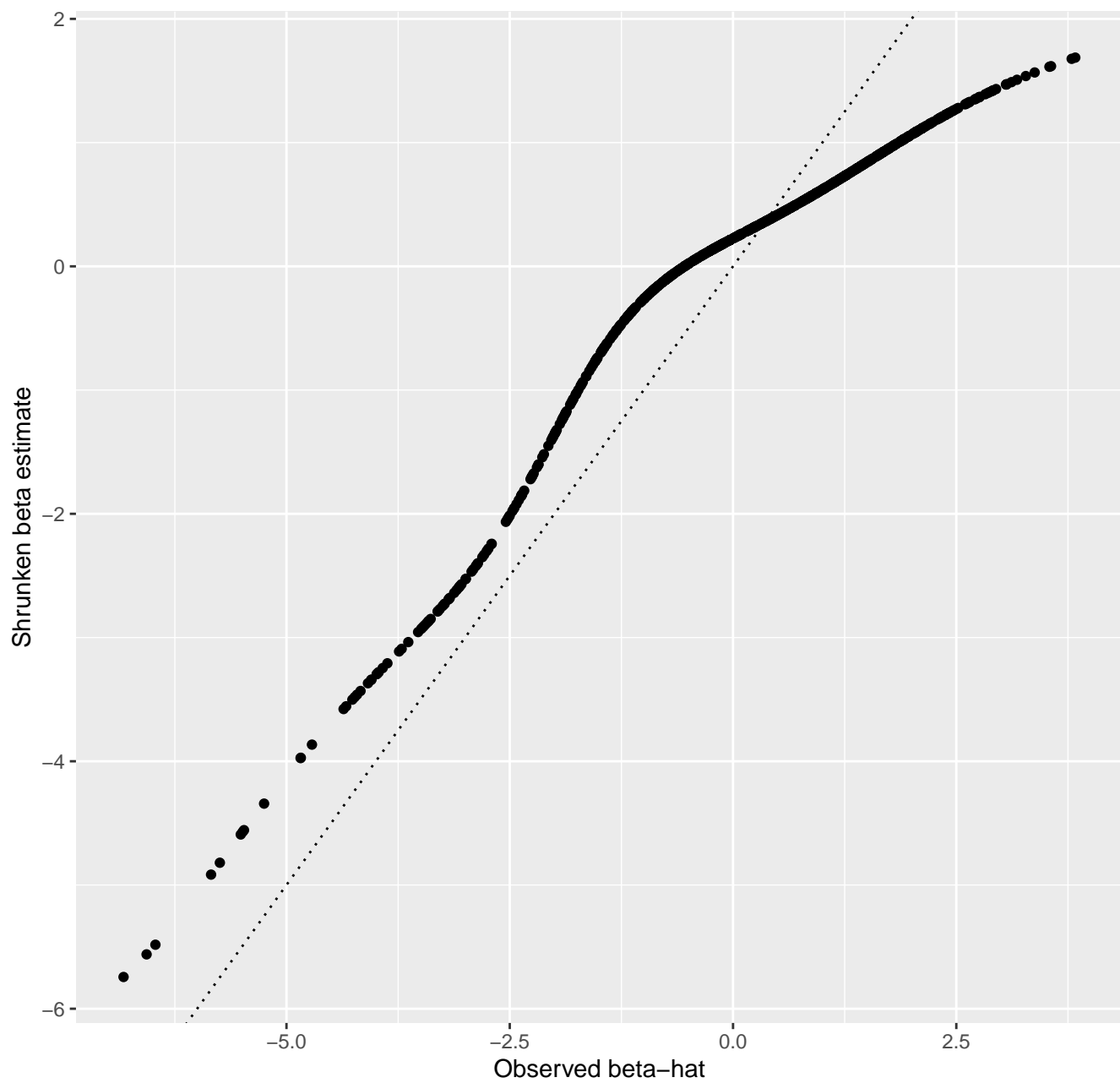
EBF1\_(1879) negative



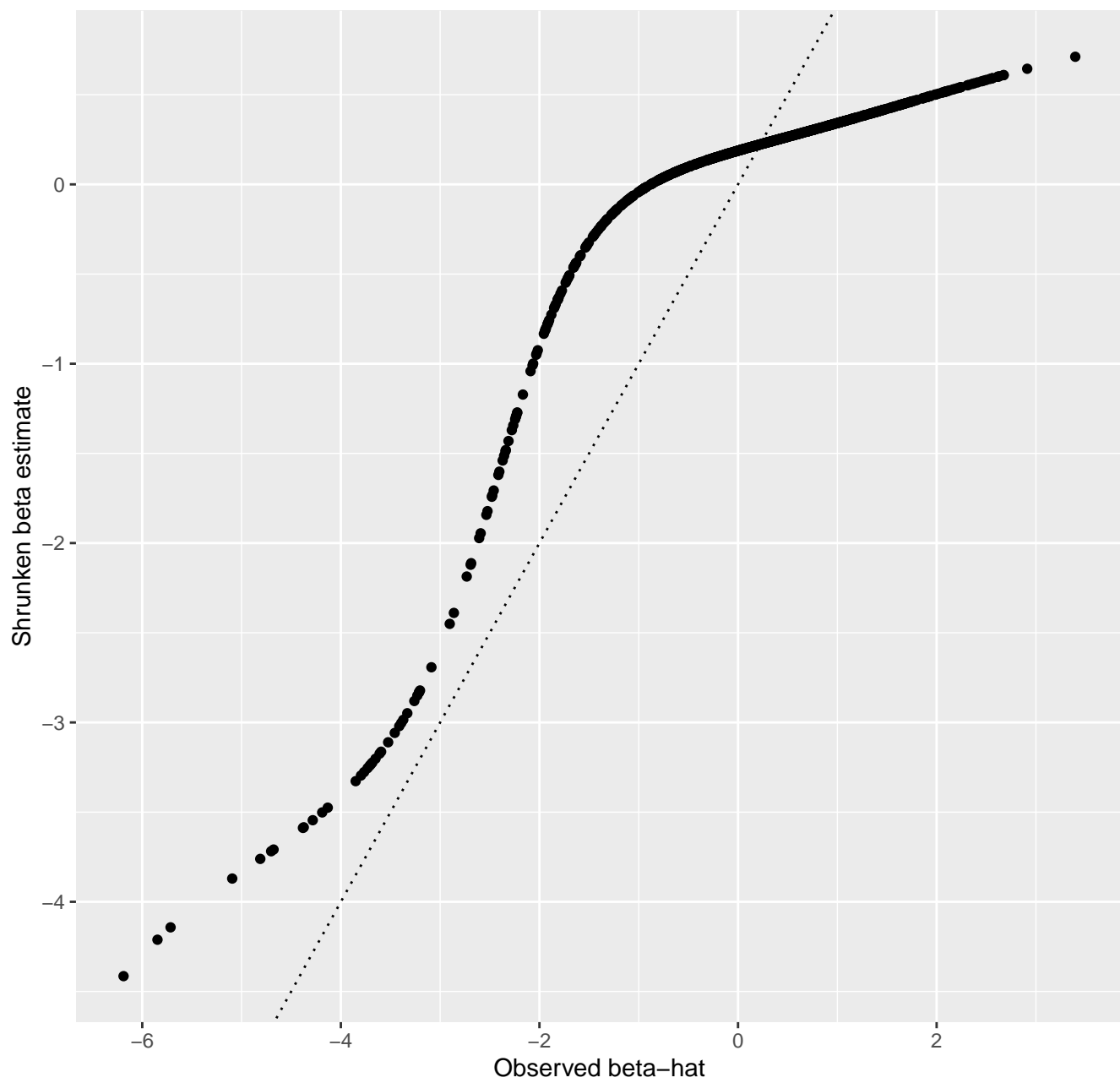
NME6\_(10201) negative



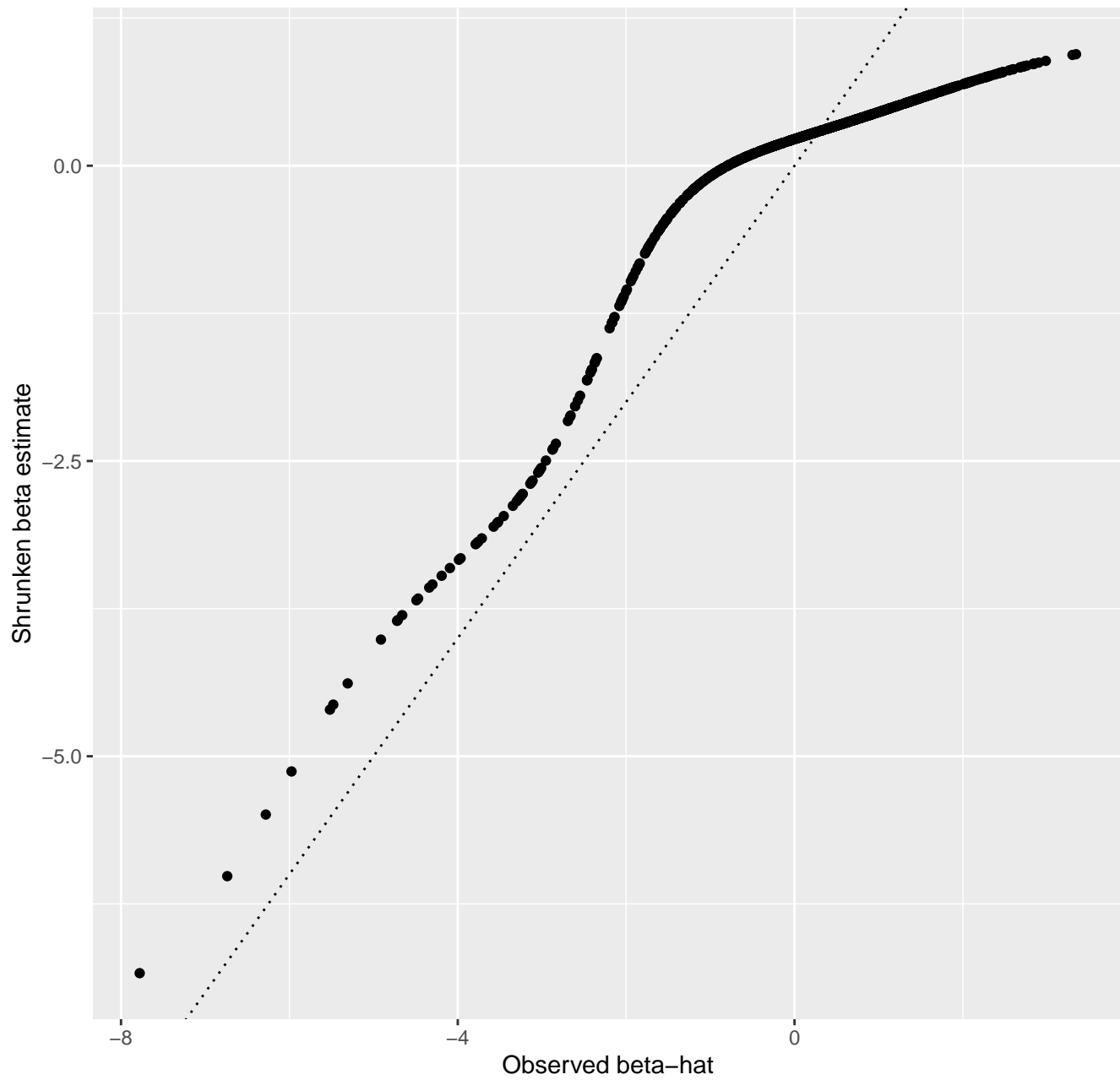
TRIP13\_(9319) negative



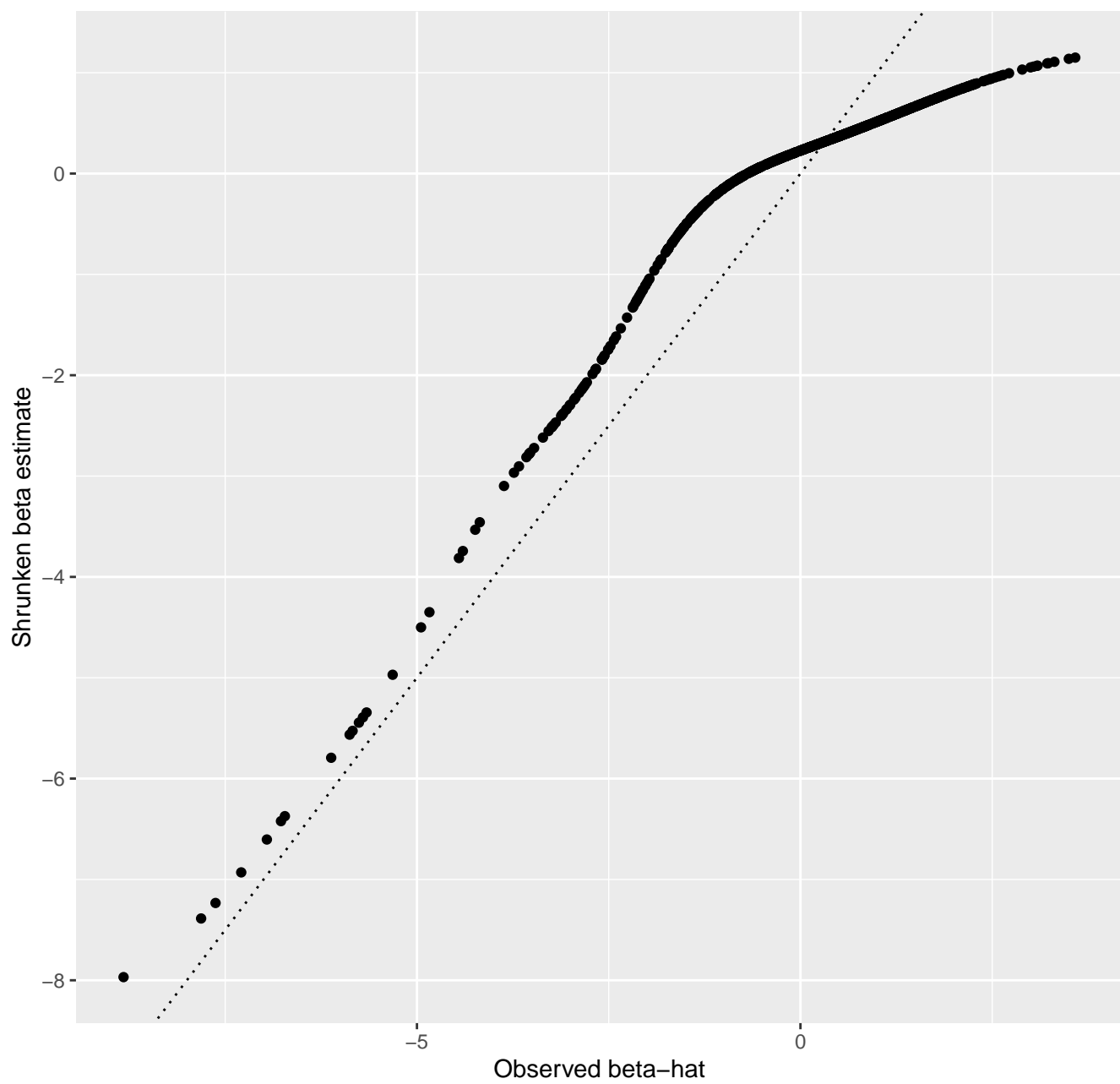
FANCI\_(55215) negative



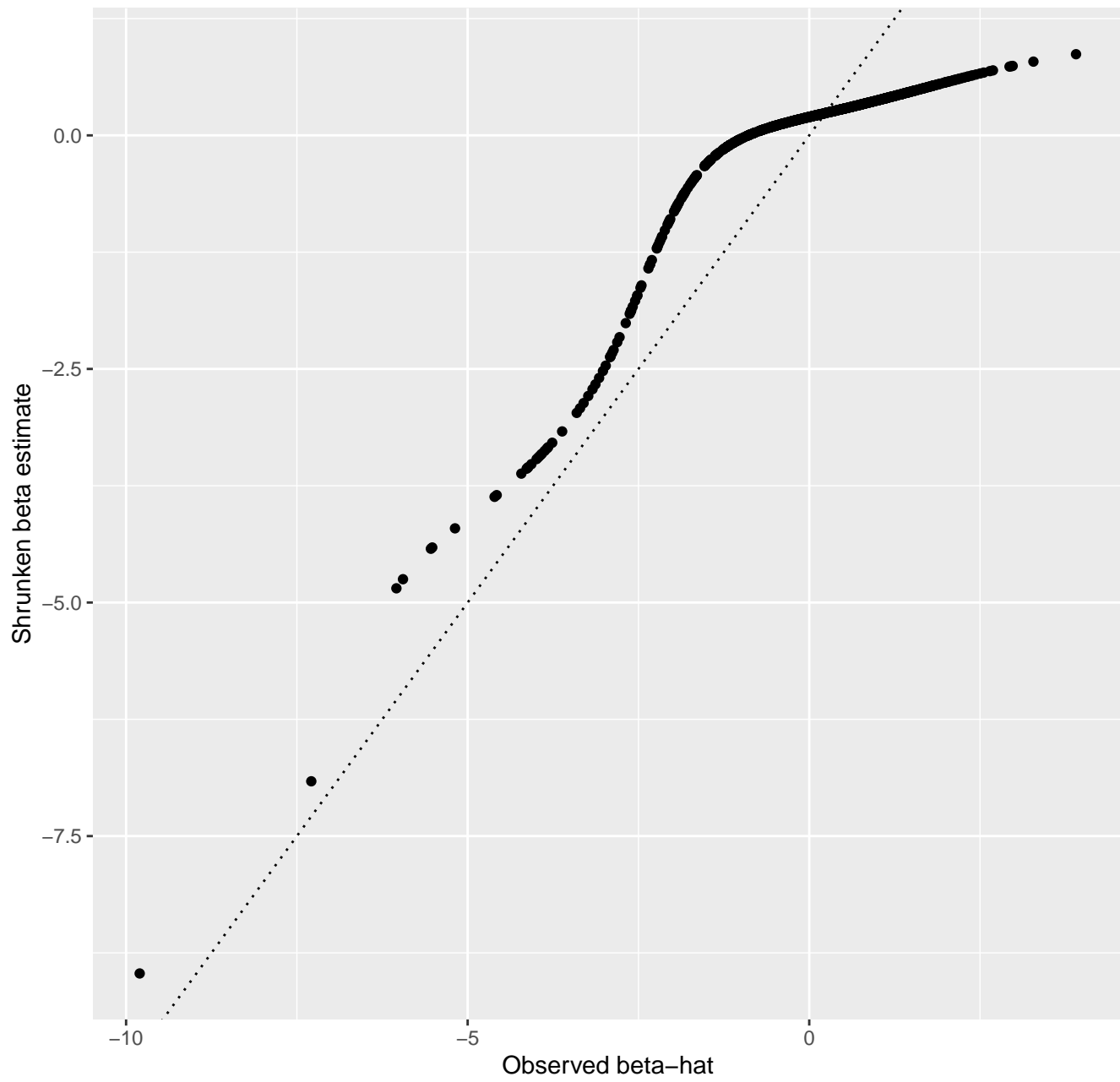
SURF4\_(6836) negative



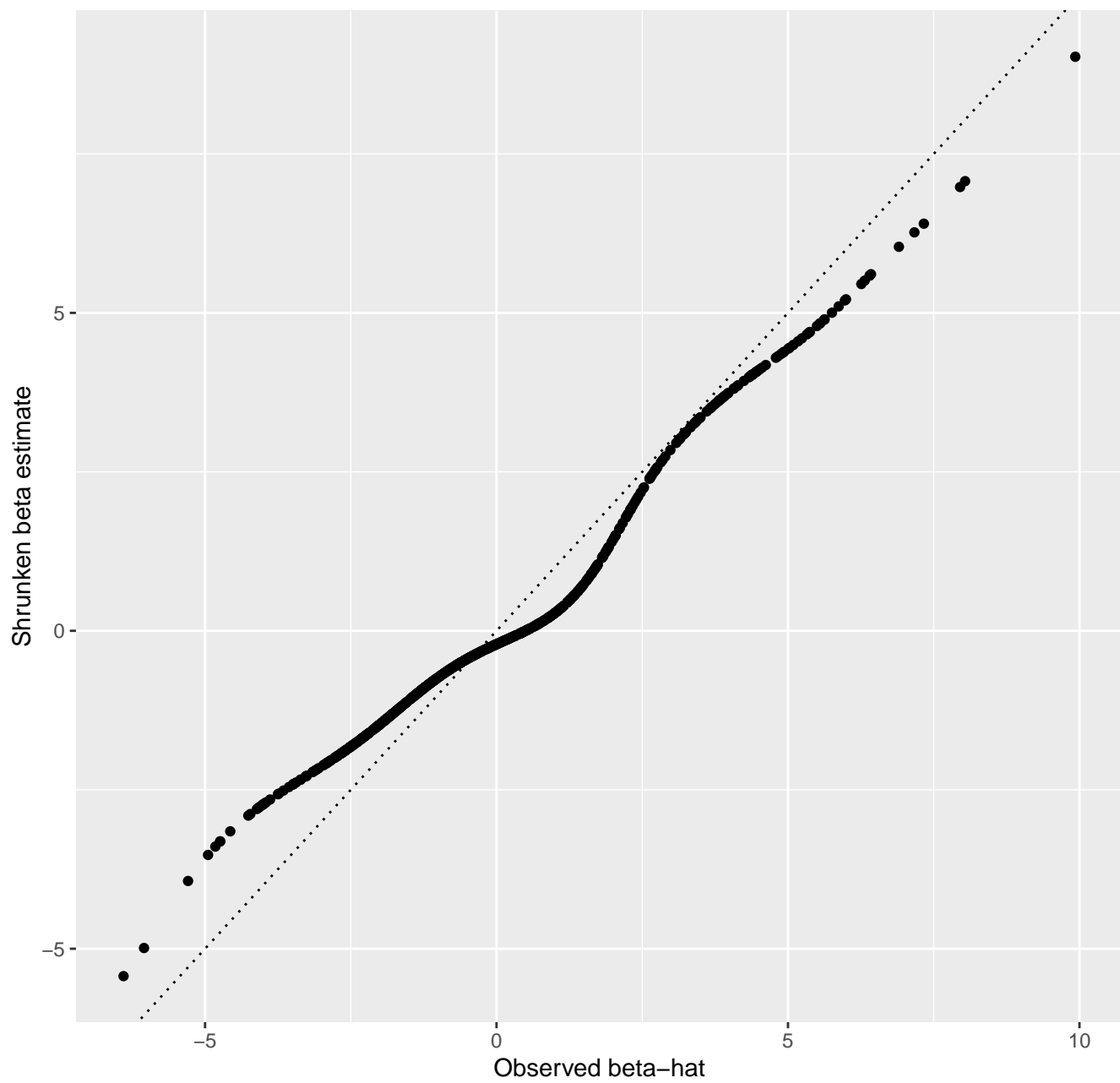
SOS1\_(6654) negative



FBXO7\_(25793) negative

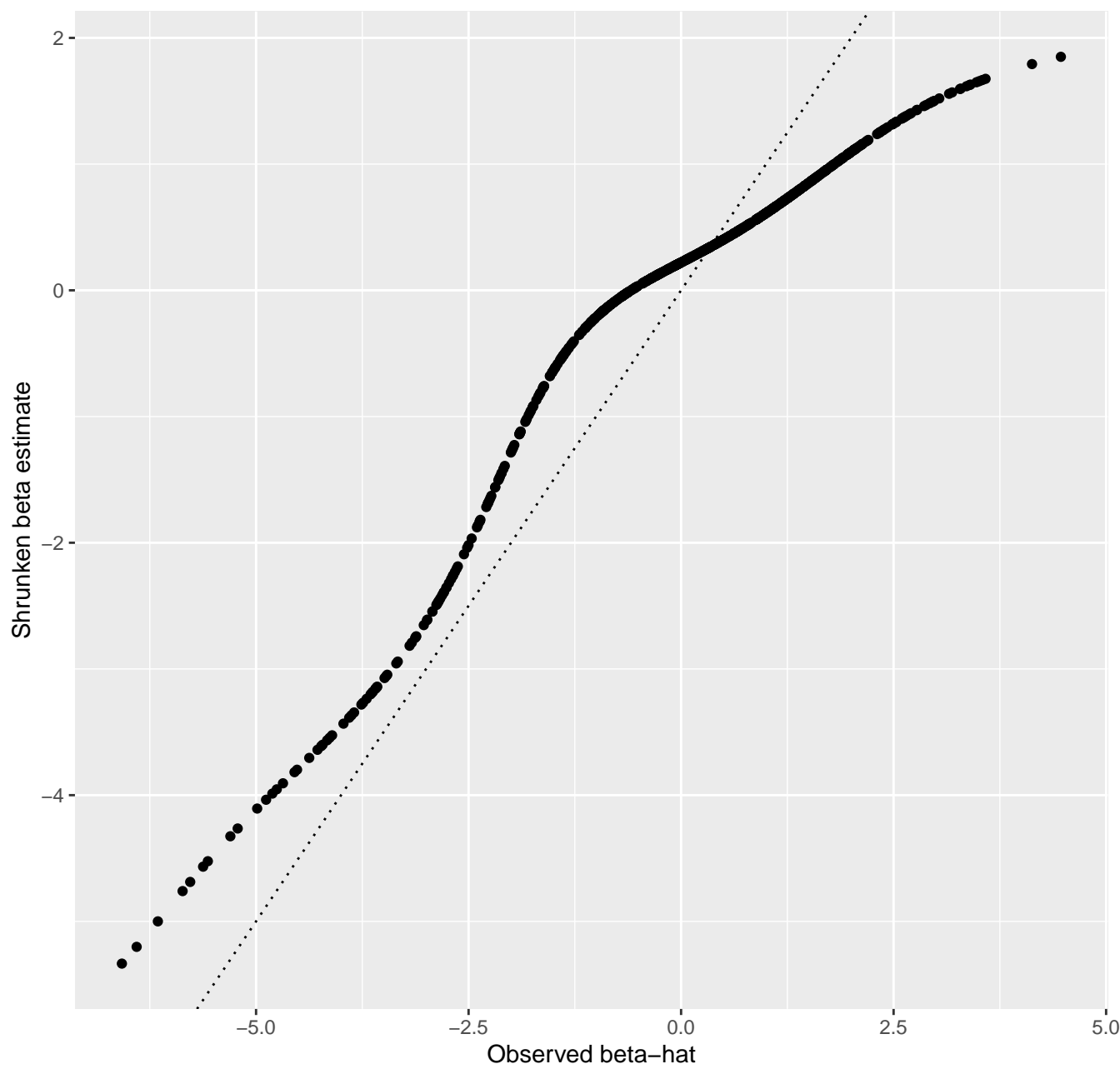


NCAPD3\_(23310) positive

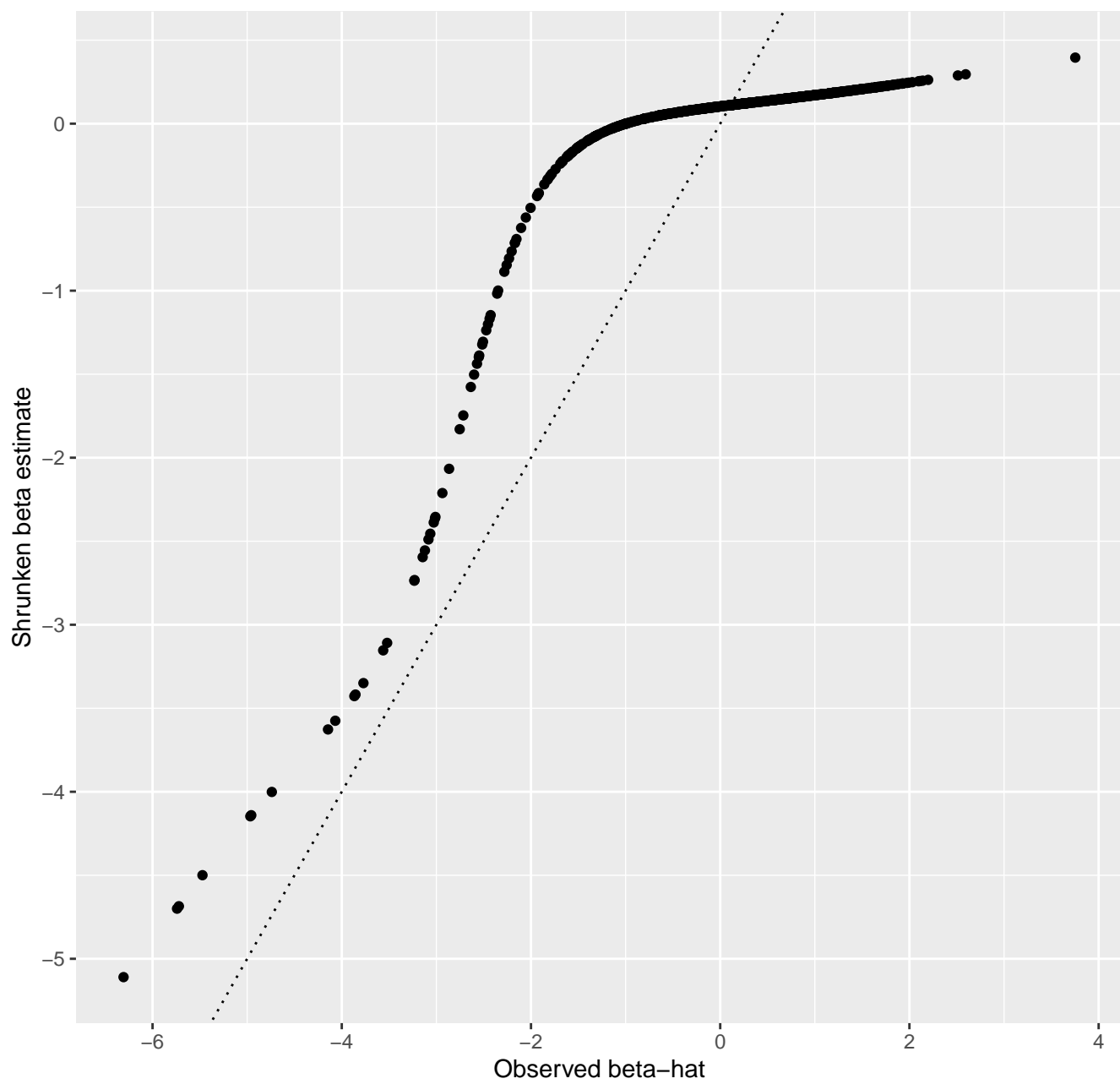




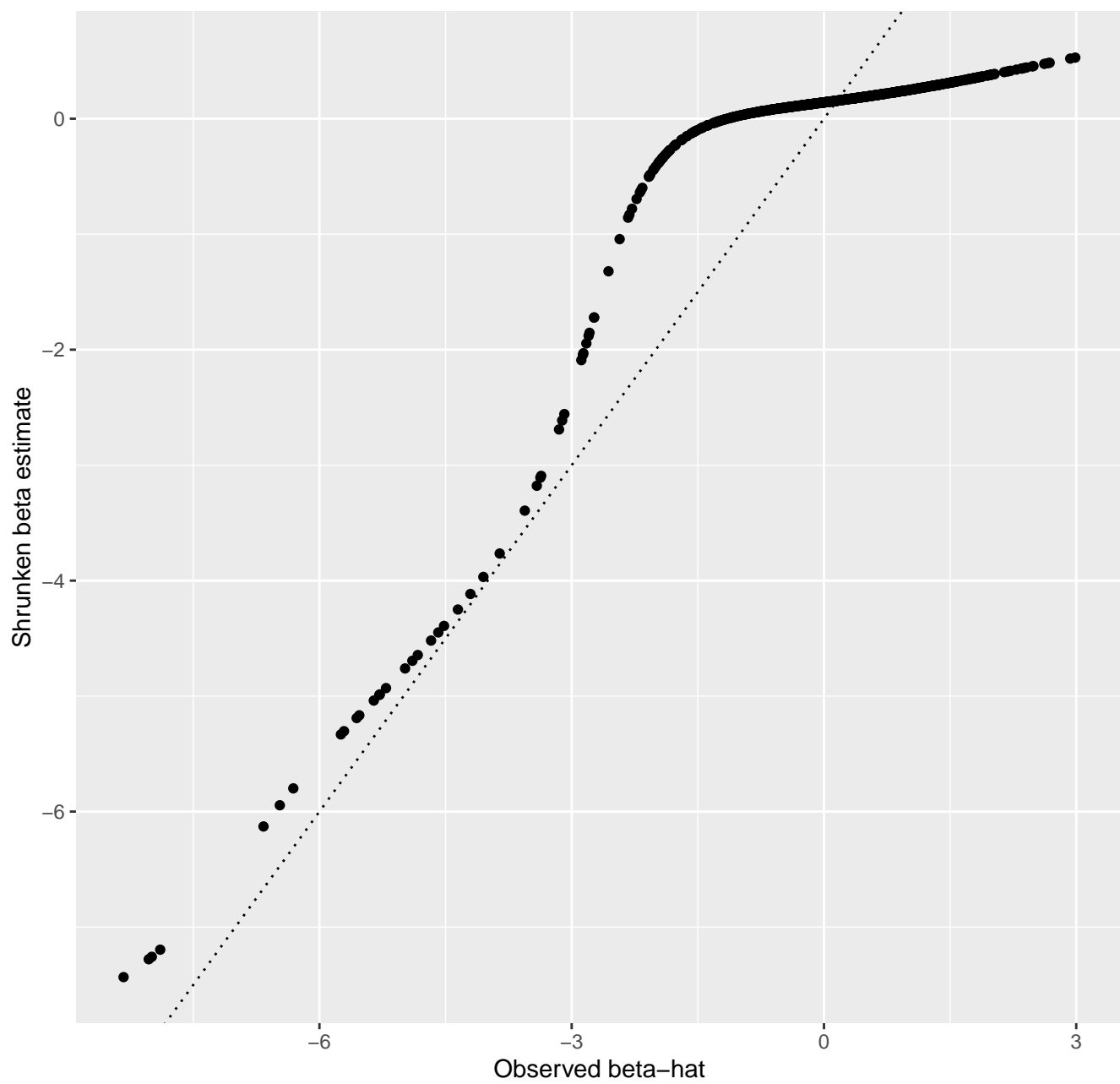
DDI2\_(84301) negative



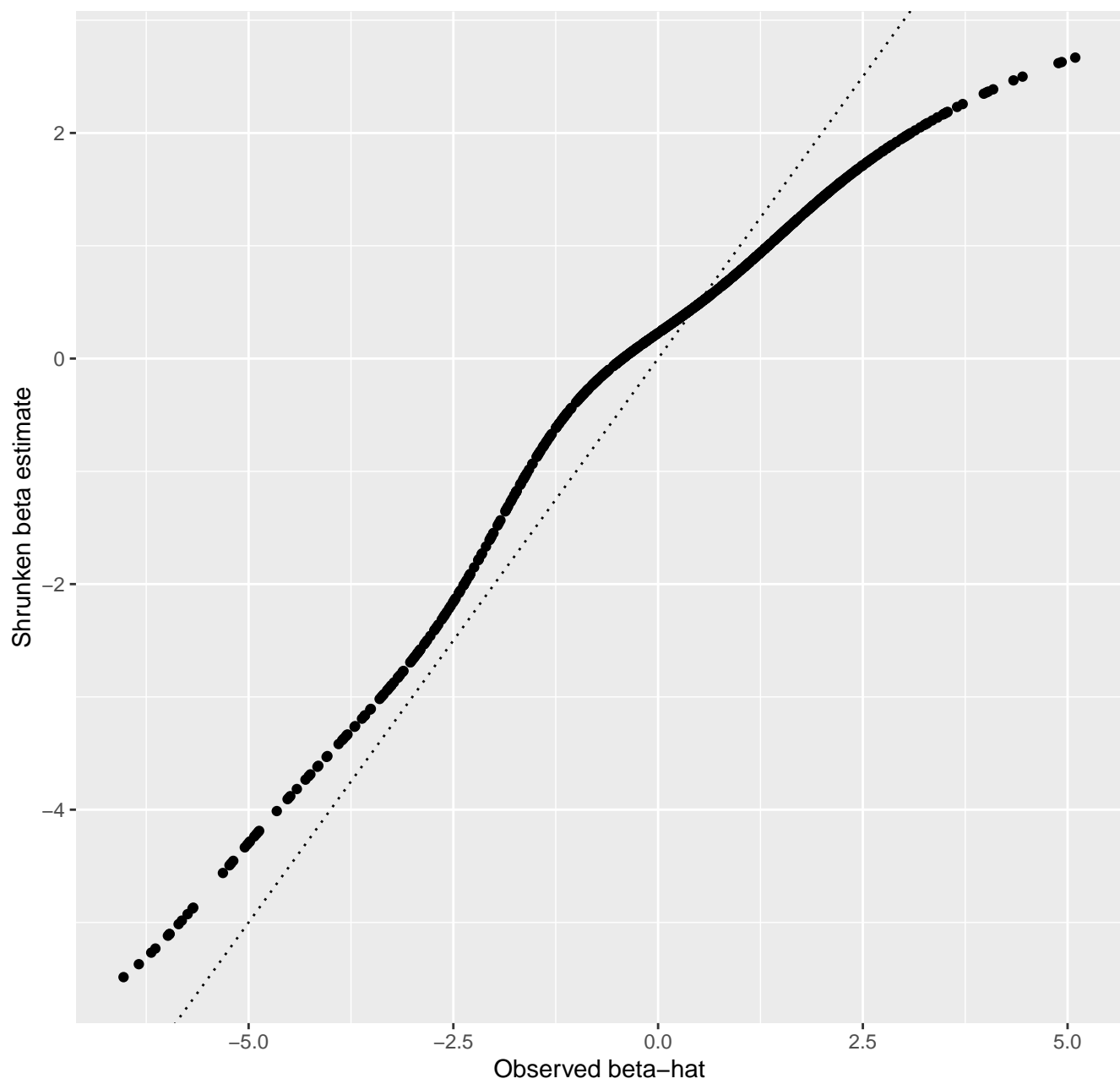
PIK3CB\_(5291) negative



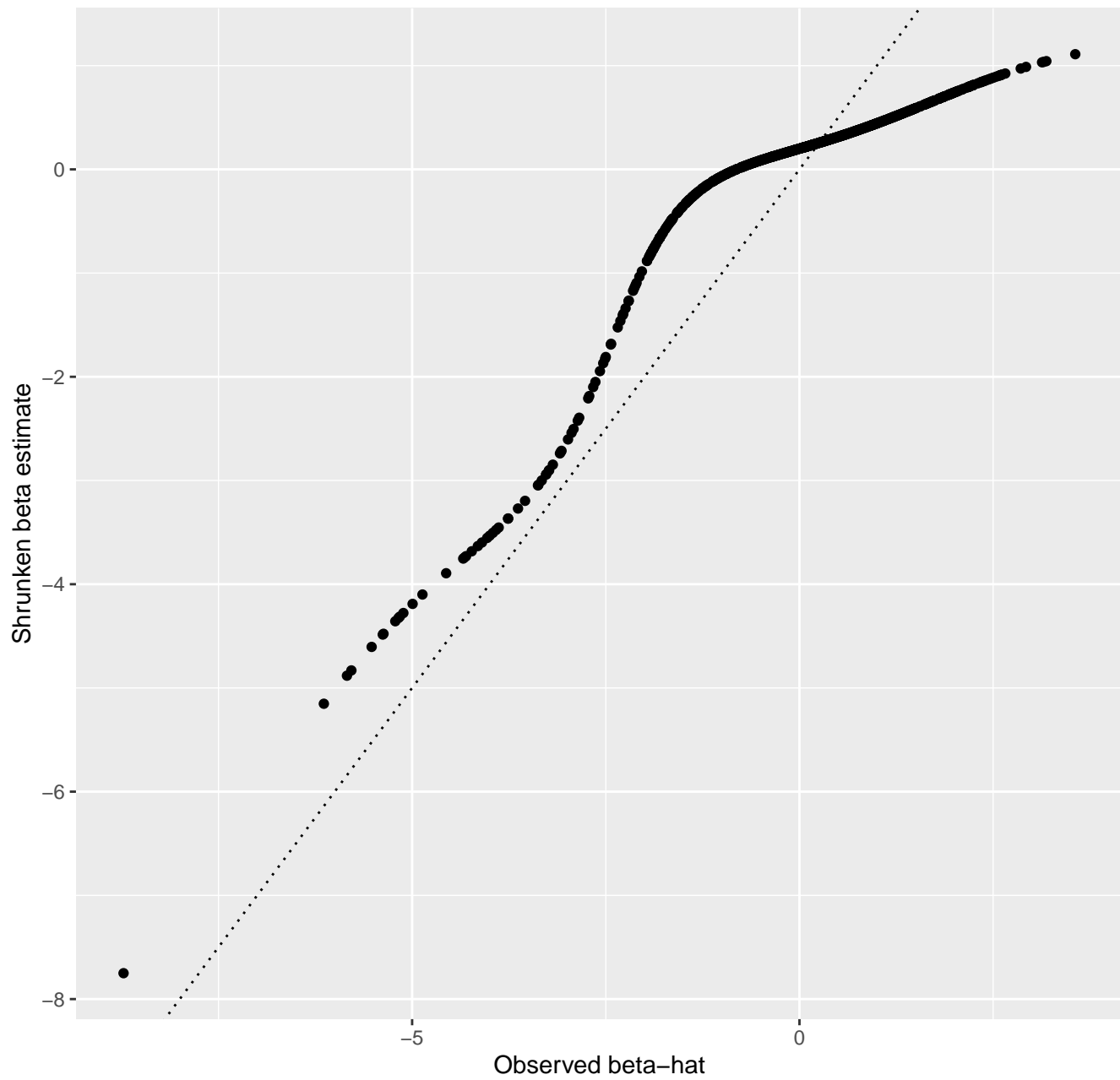
ACOX1\_(51) negative



KDSR\_(2531) negative



MTCH2\_(23788) negative



MPI\_(4351) negative

Shrunken beta estimate

0

-2

-4

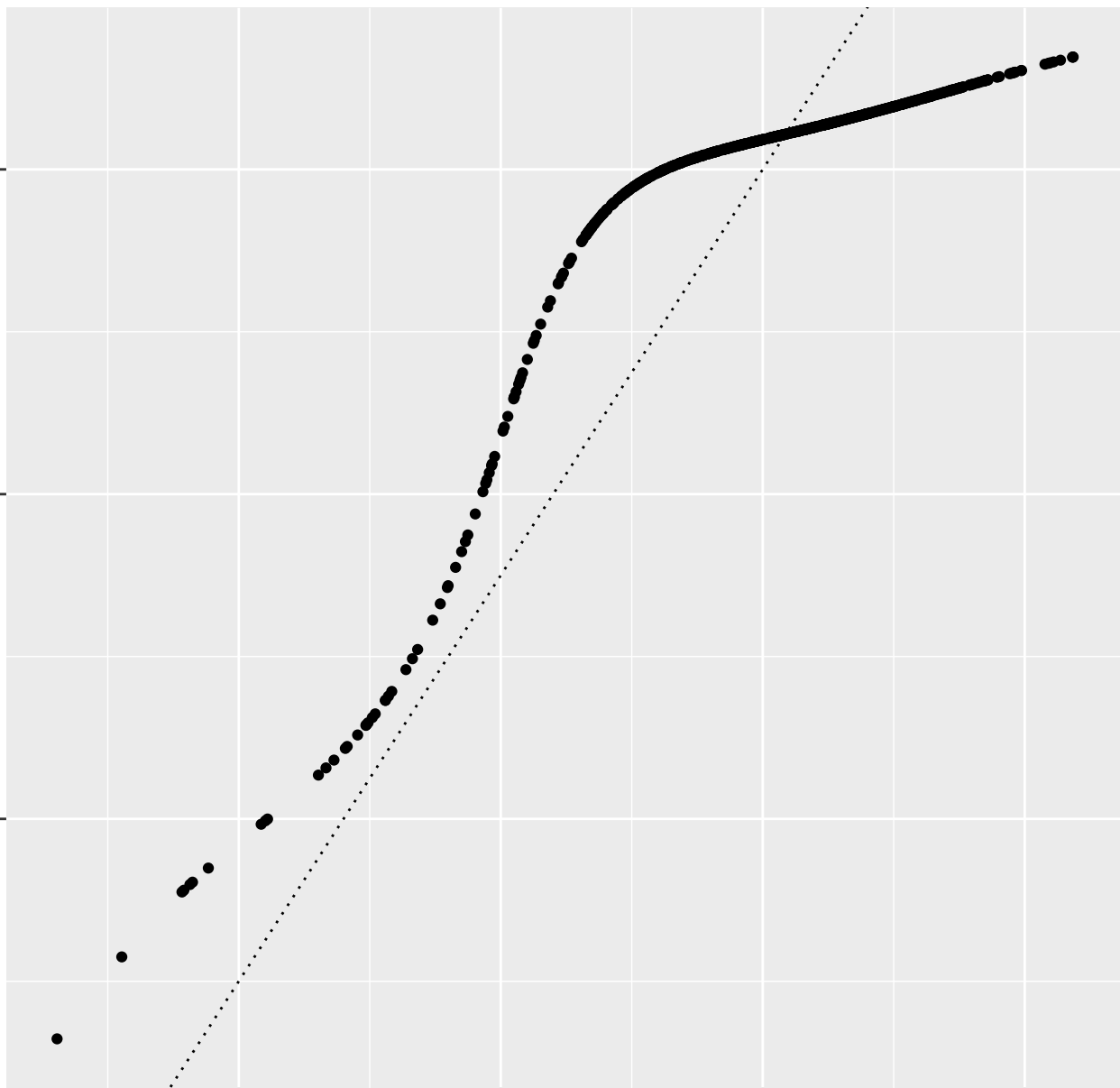
Observed beta-hat

-5.0

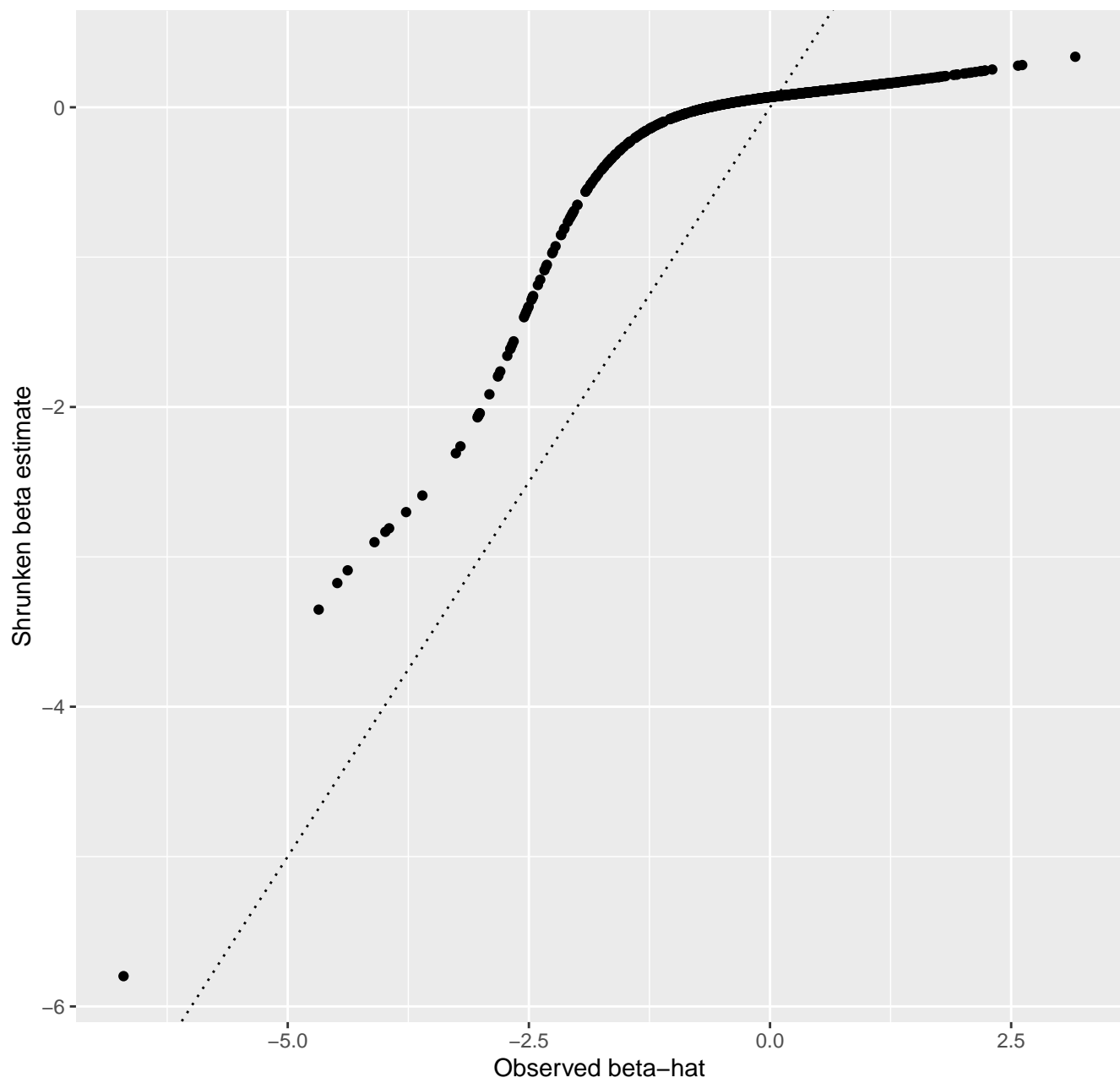
-2.5

0.0

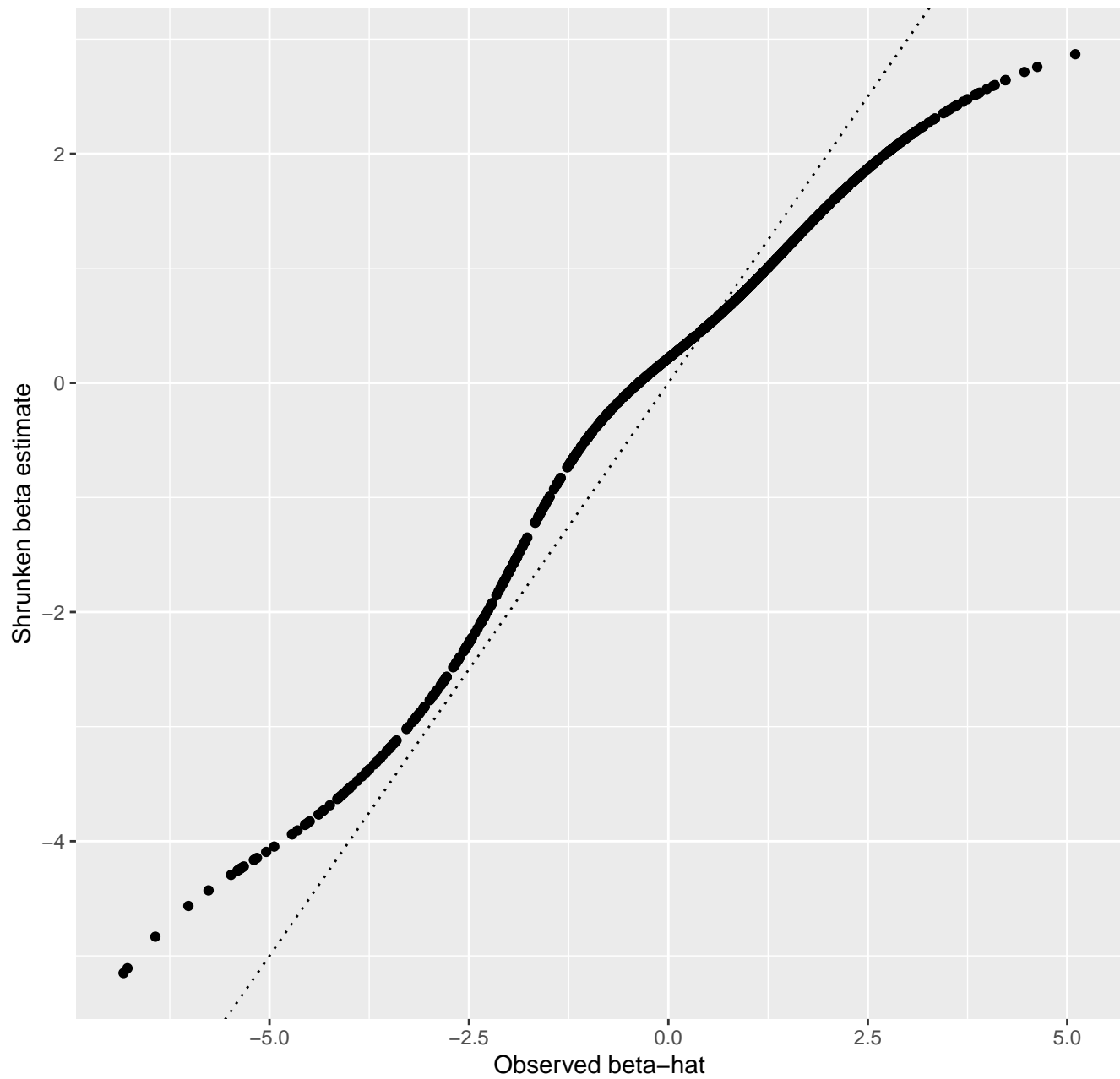
2.5



OSBPL9\_(114883) negative



ARF4\_(378) negative





DYNC1LI1\_(51143) negative

Shrunken beta estimate

0

-2

-4

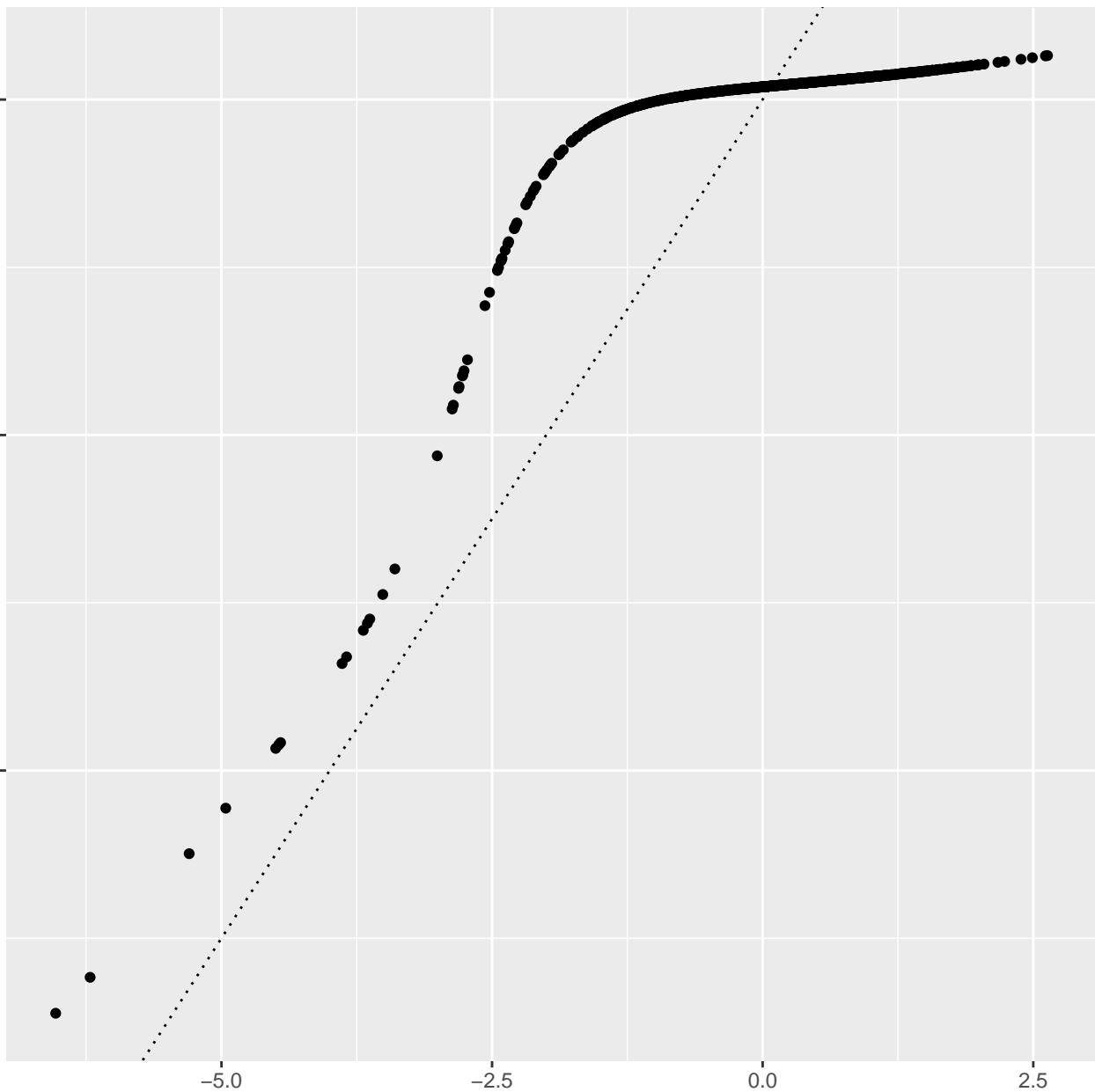
-5.0

-2.5

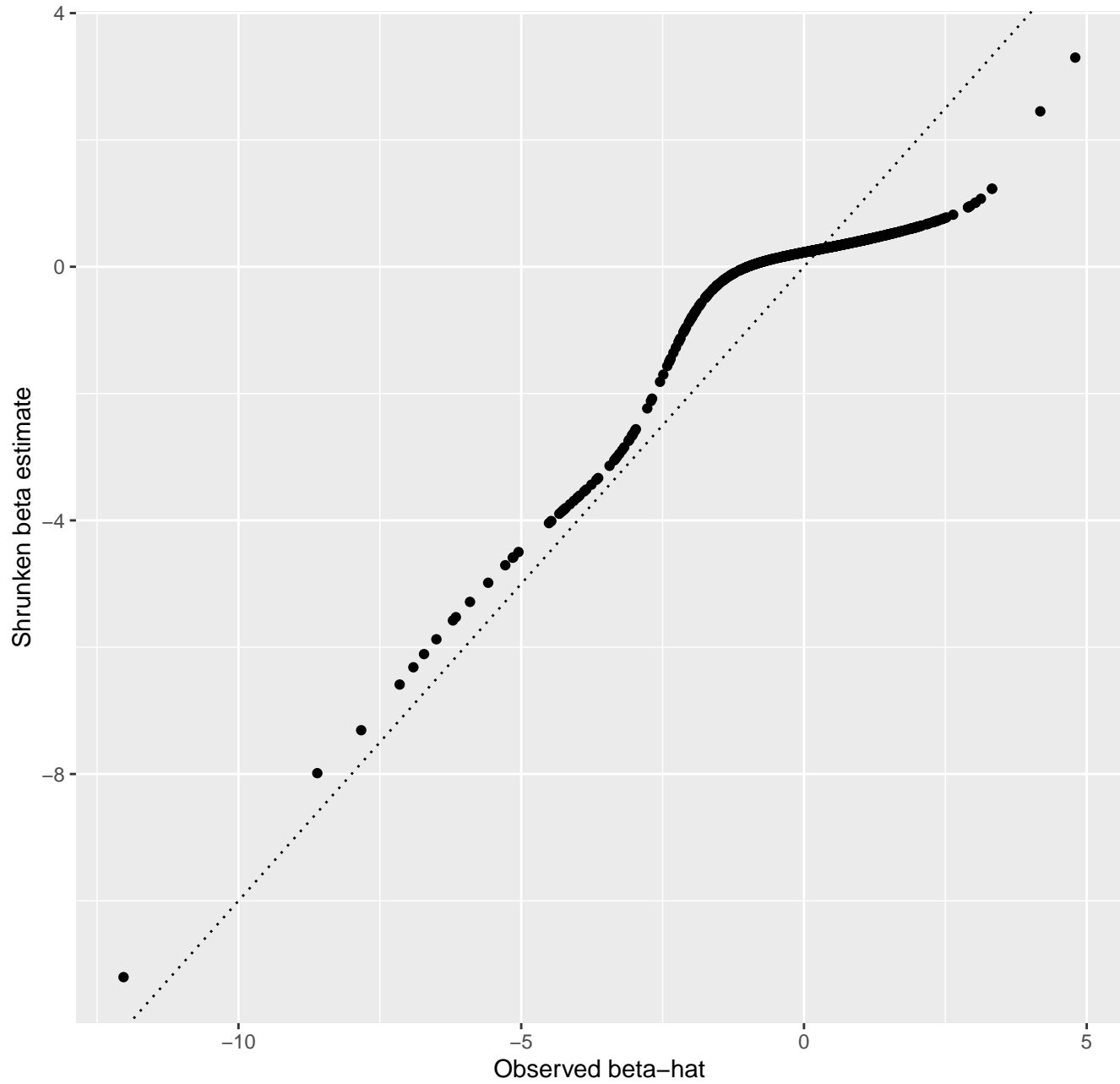
0.0

2.5

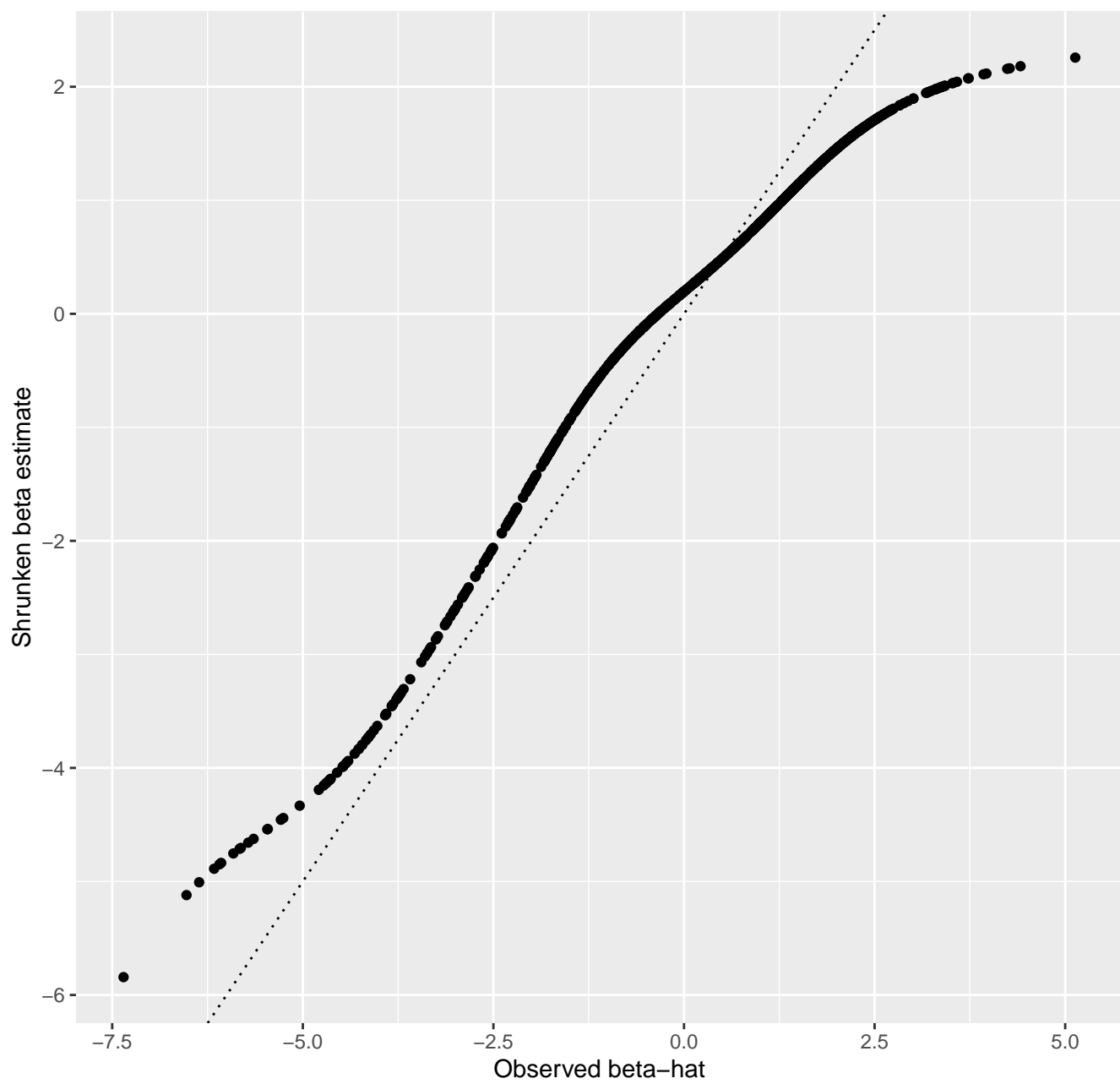
Observed beta-hat



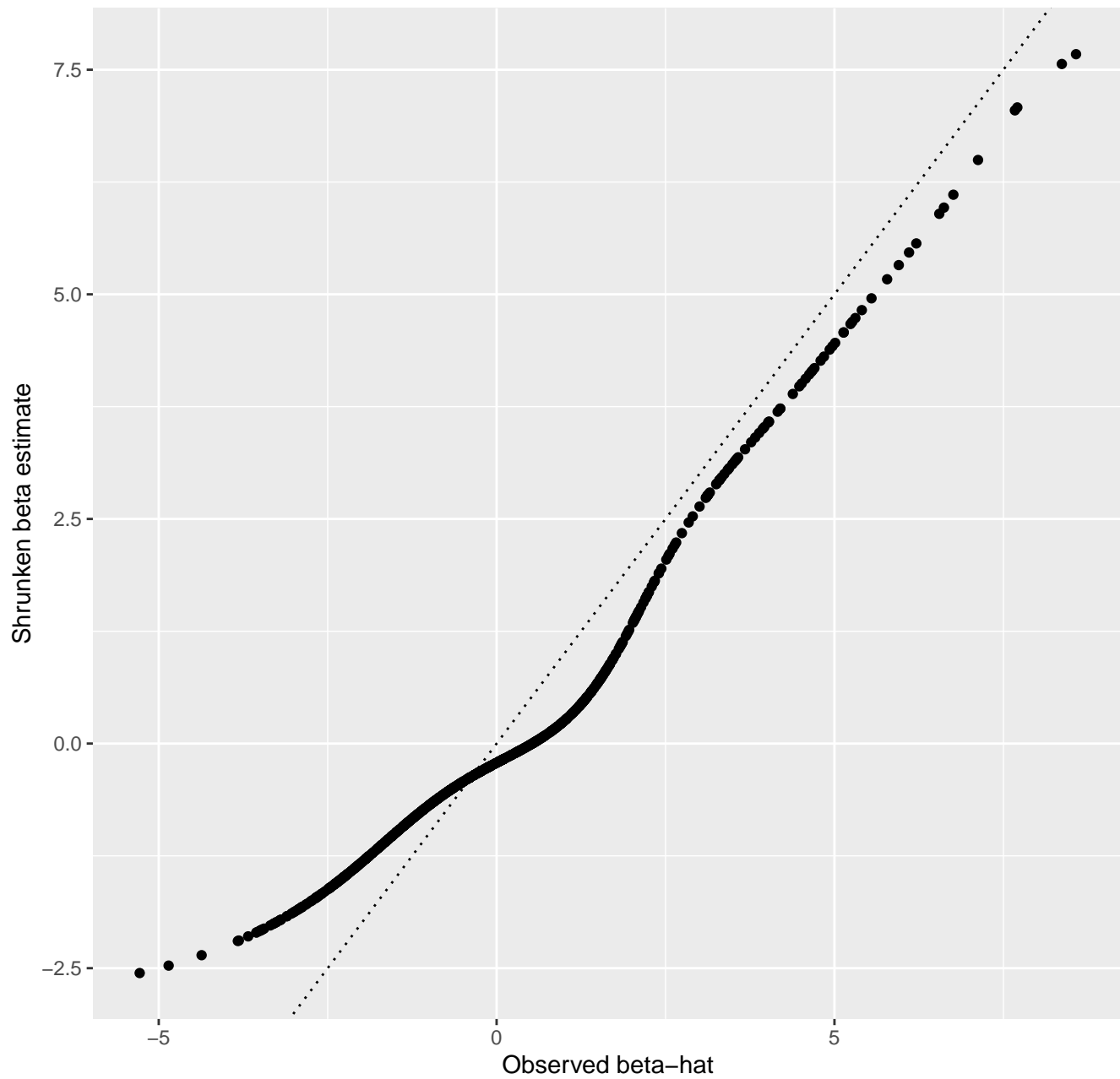
KIDINS220\_(57498) negative



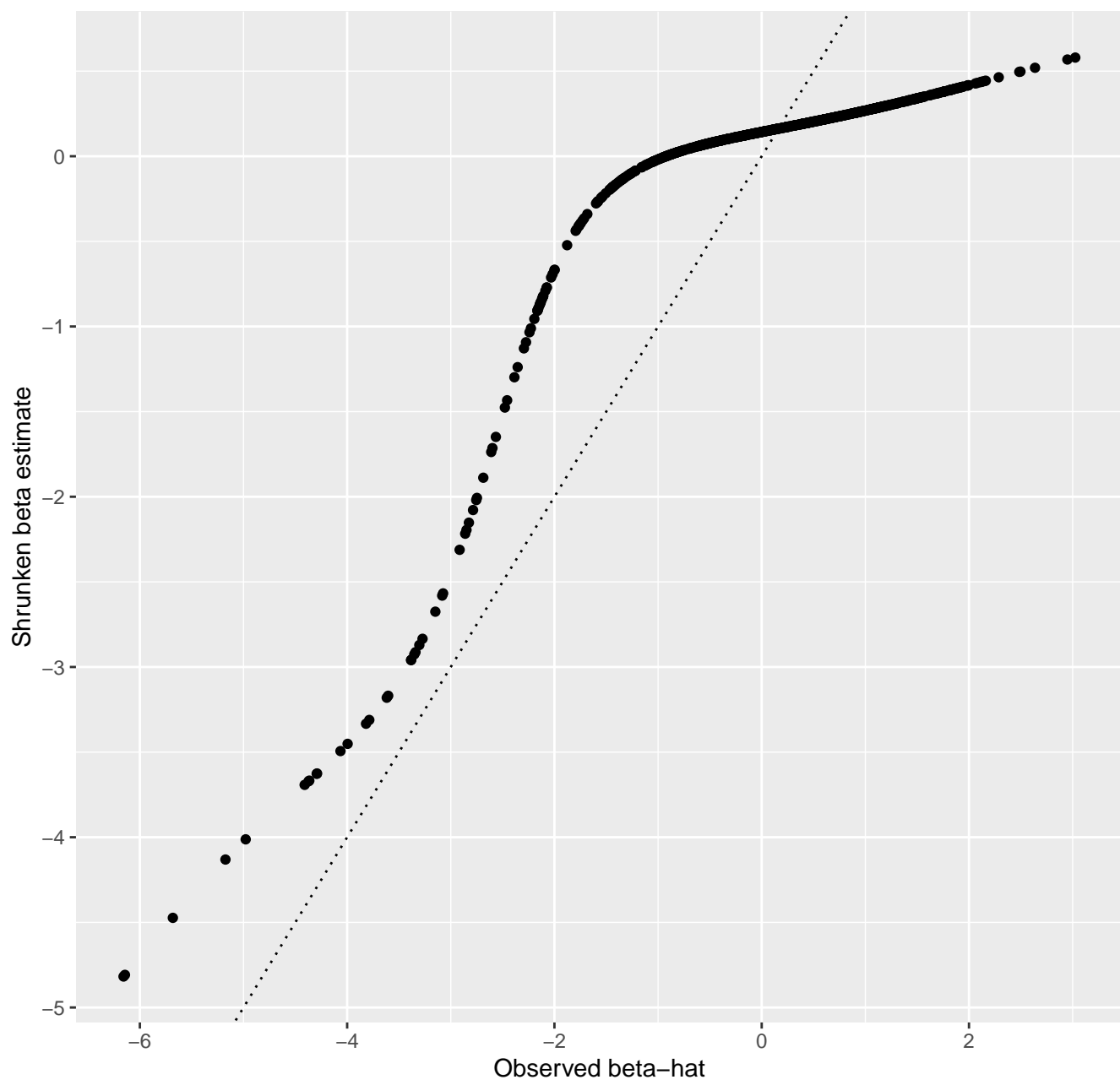
NDE1\_(54820) negative



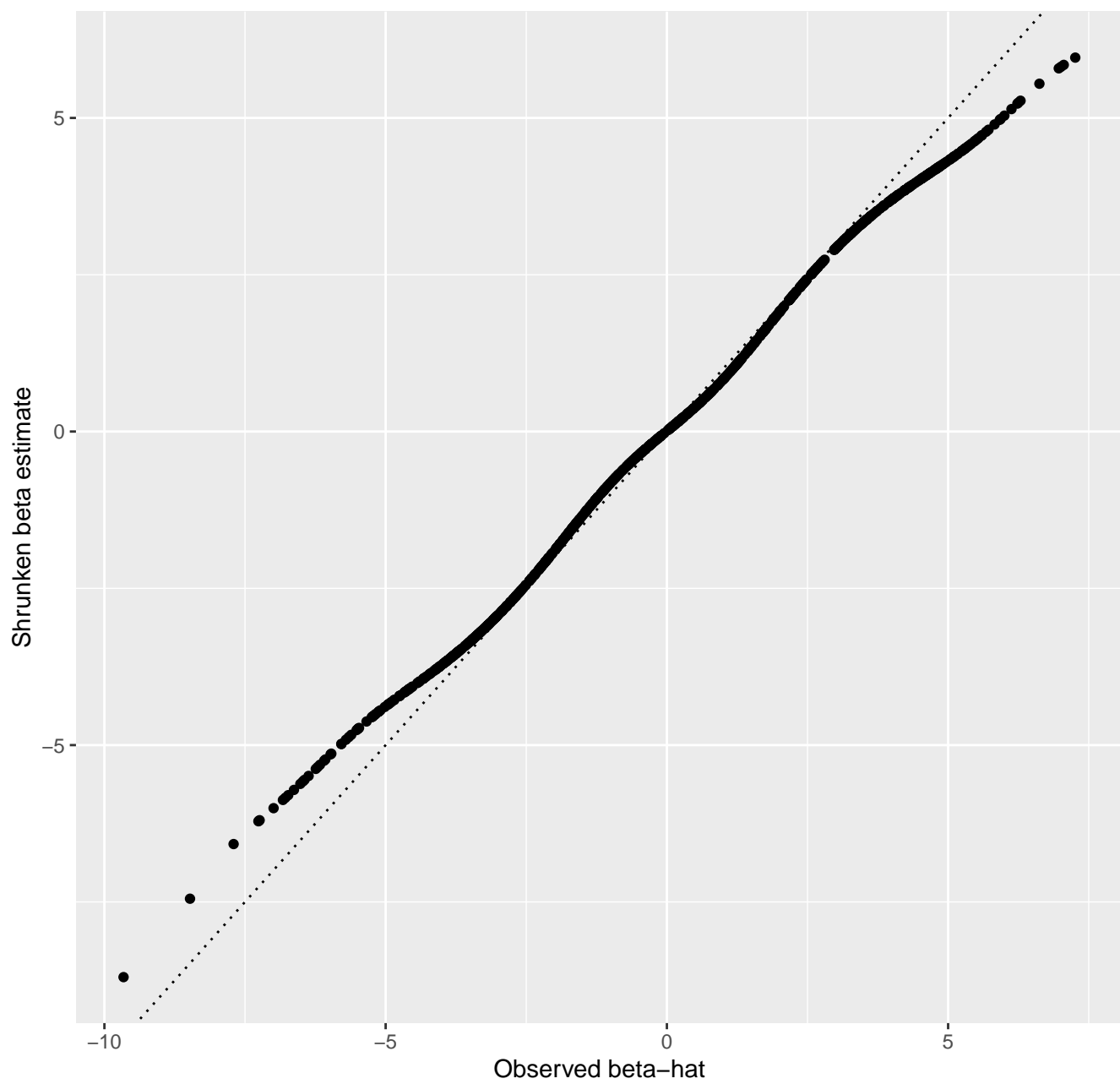
TAOK1\_(57551) positive



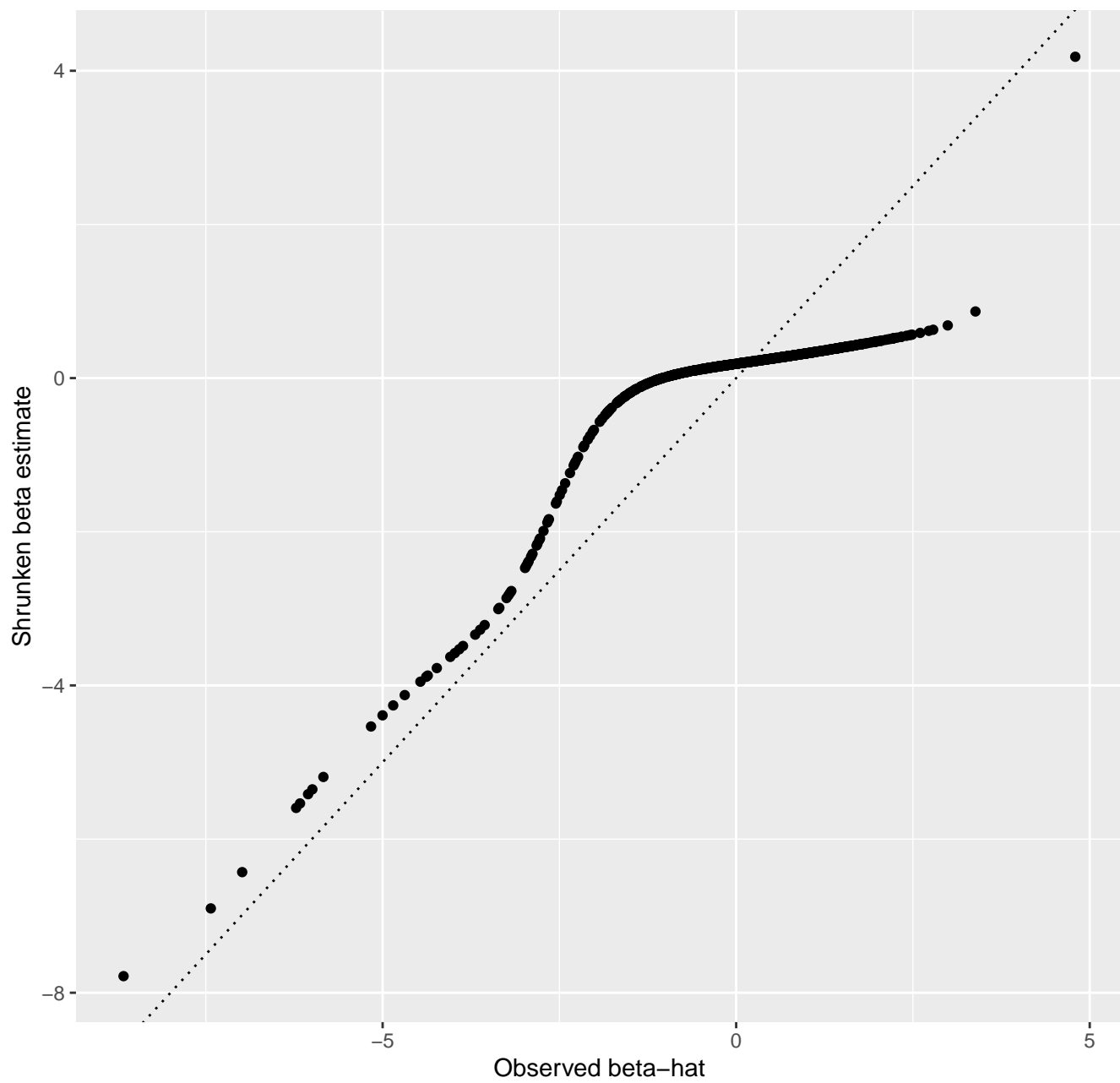
NFE2L1\_(4779) negative



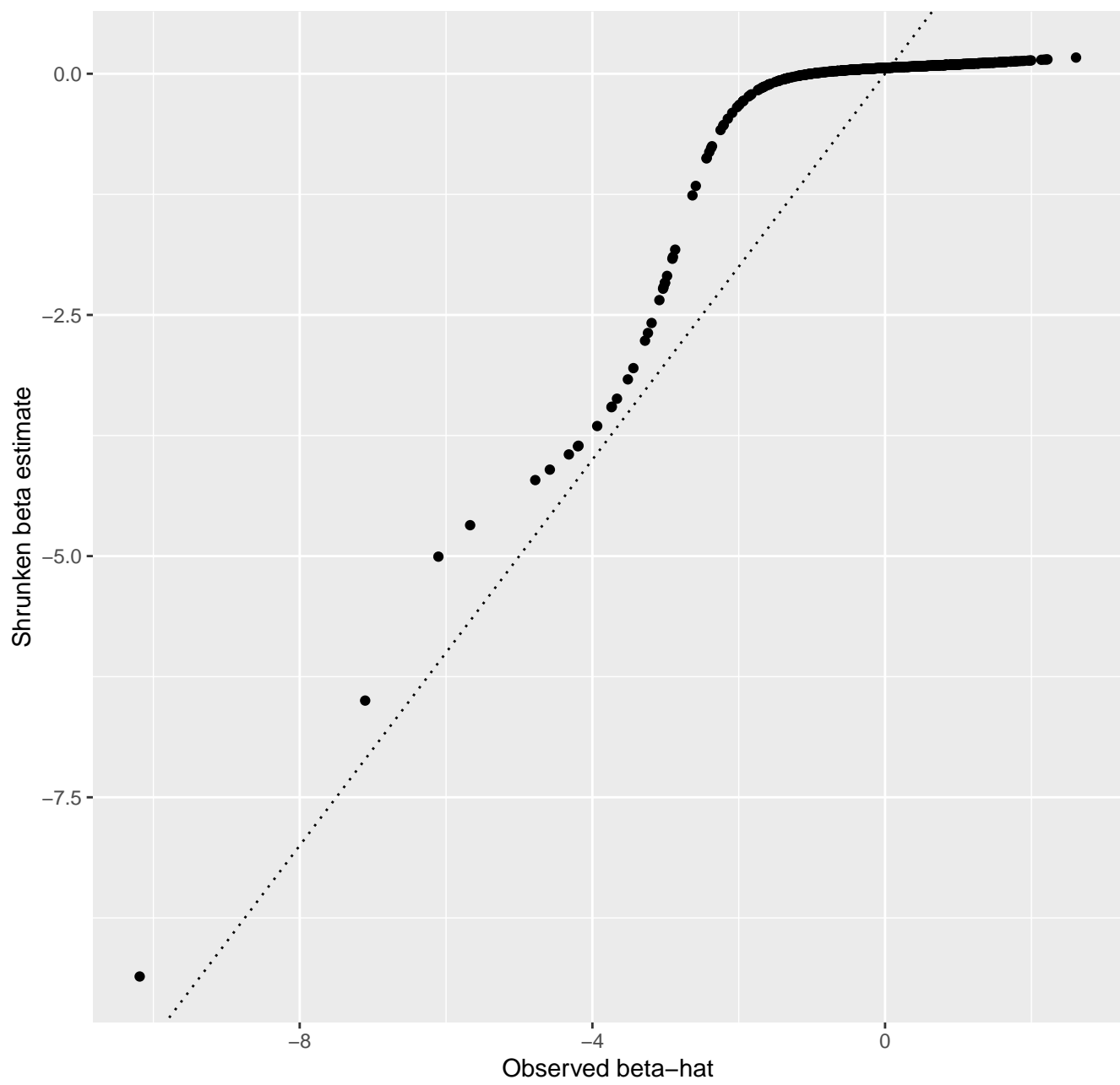
SNAP23\_(8773) positive



SMAD7\_(4092) negative



ITGB3\_(3690) negative





MECR\_(51102) negative

Shrunken beta estimate

0

-2

-4

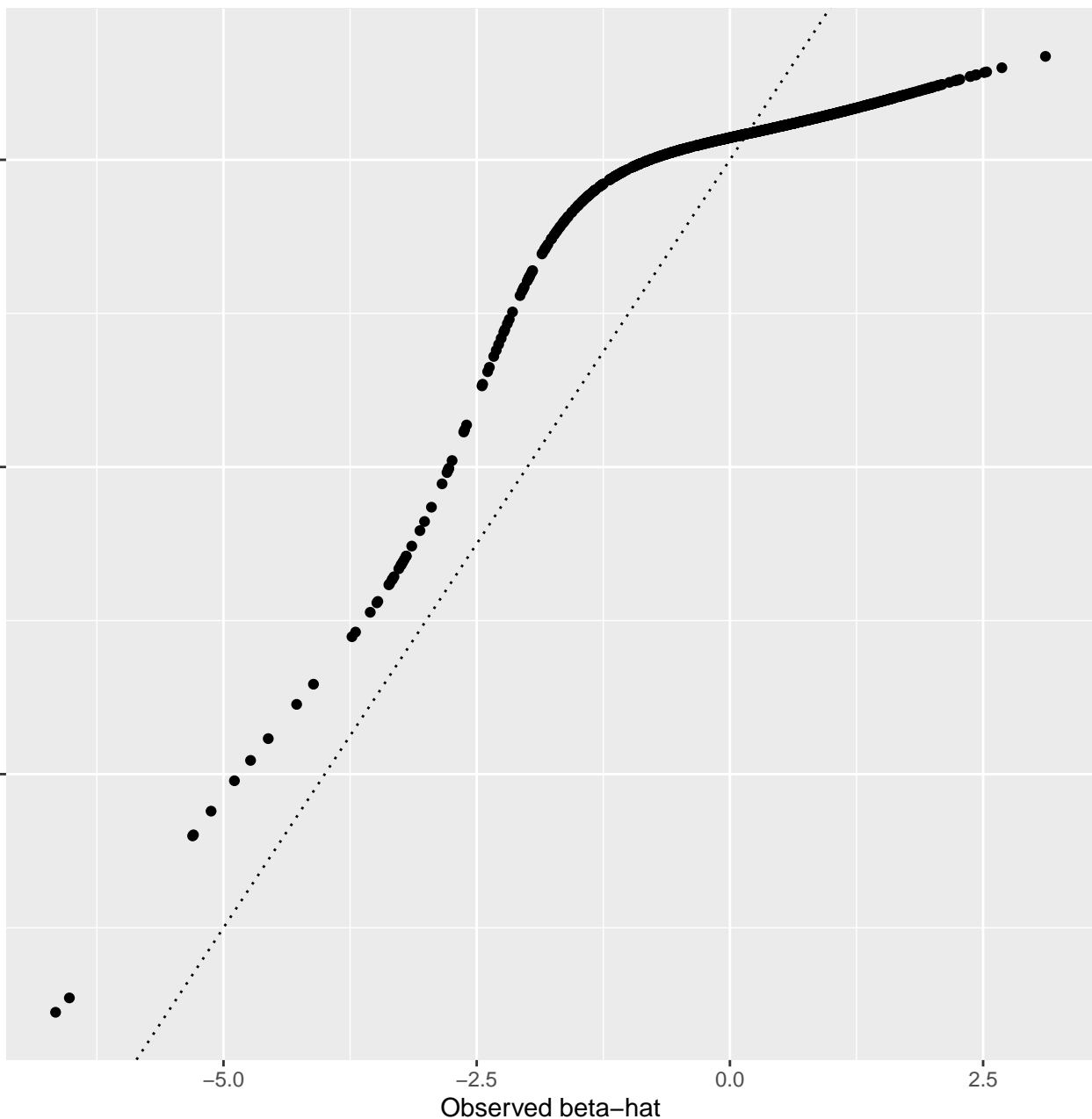
-5.0

-2.5

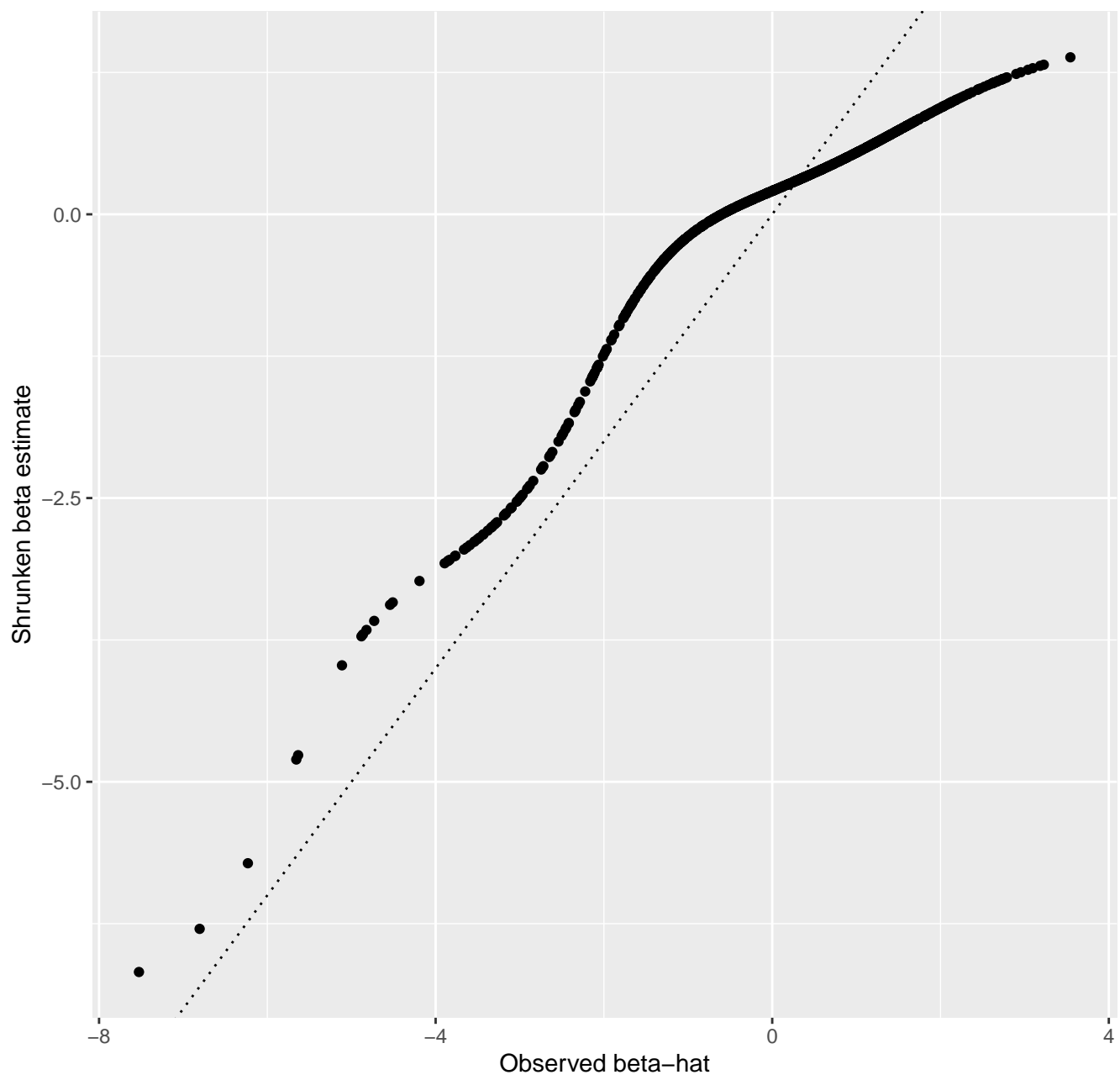
0.0

2.5

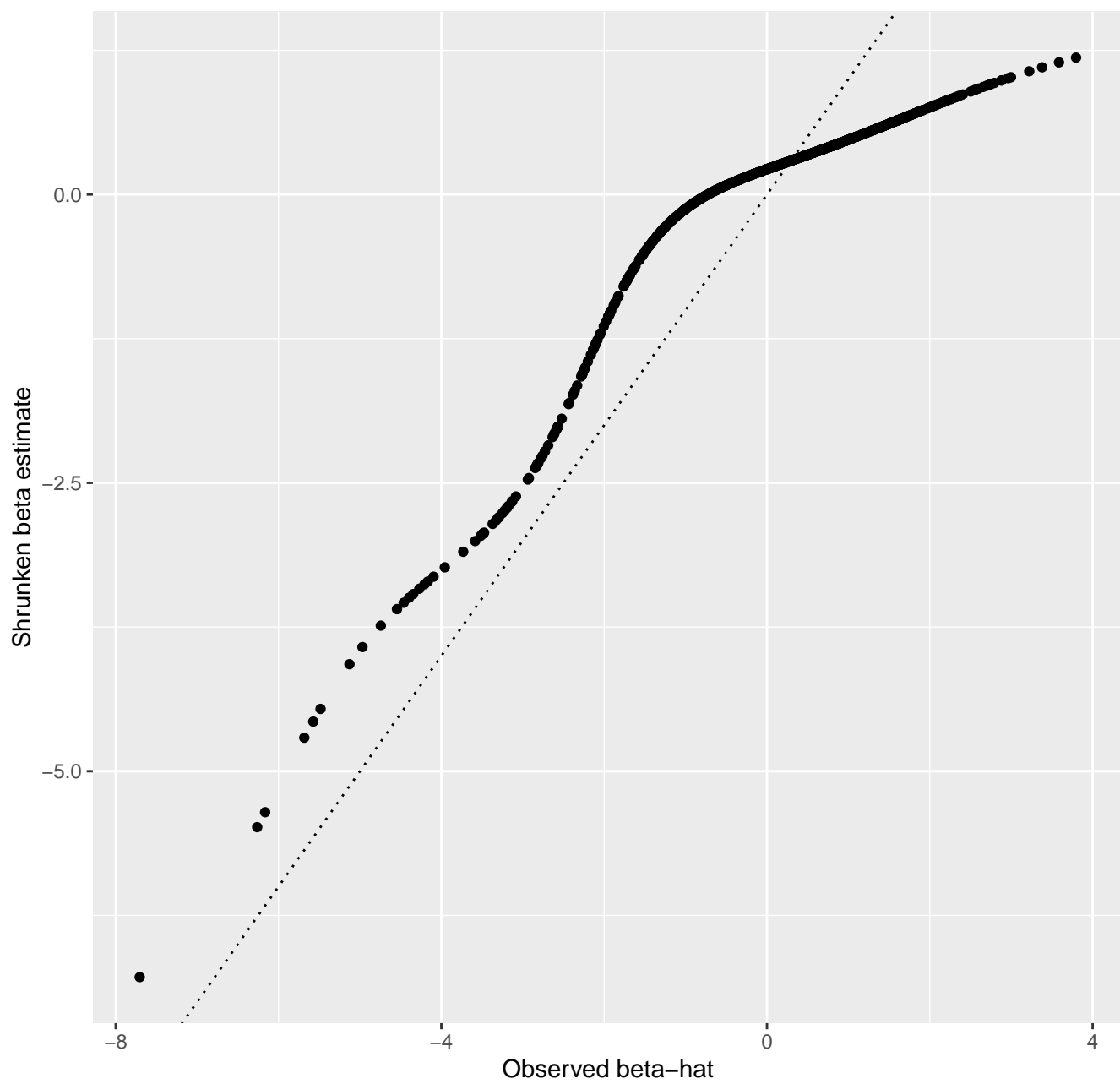
Observed beta-hat



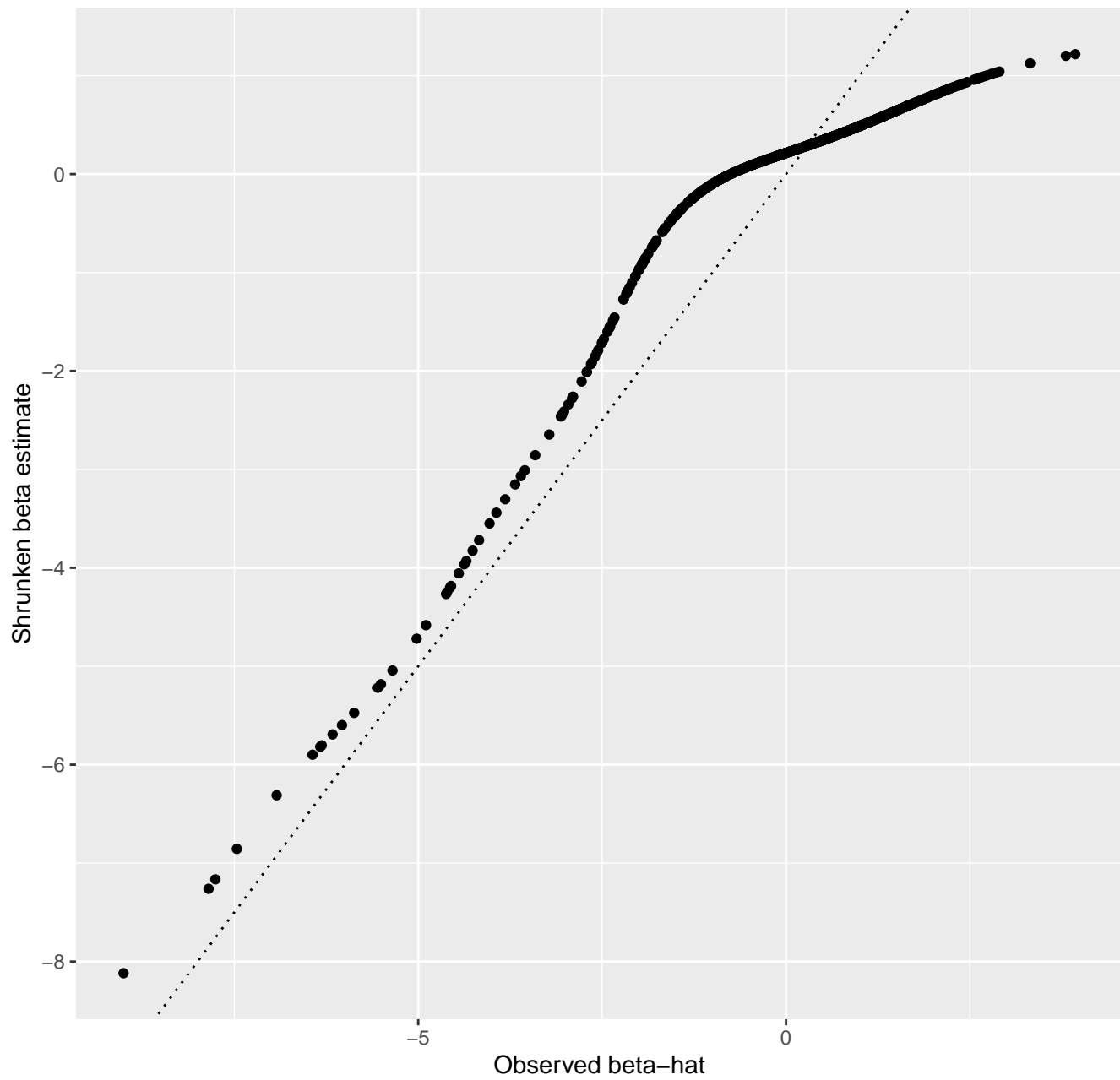
POLE4\_(56655) negative



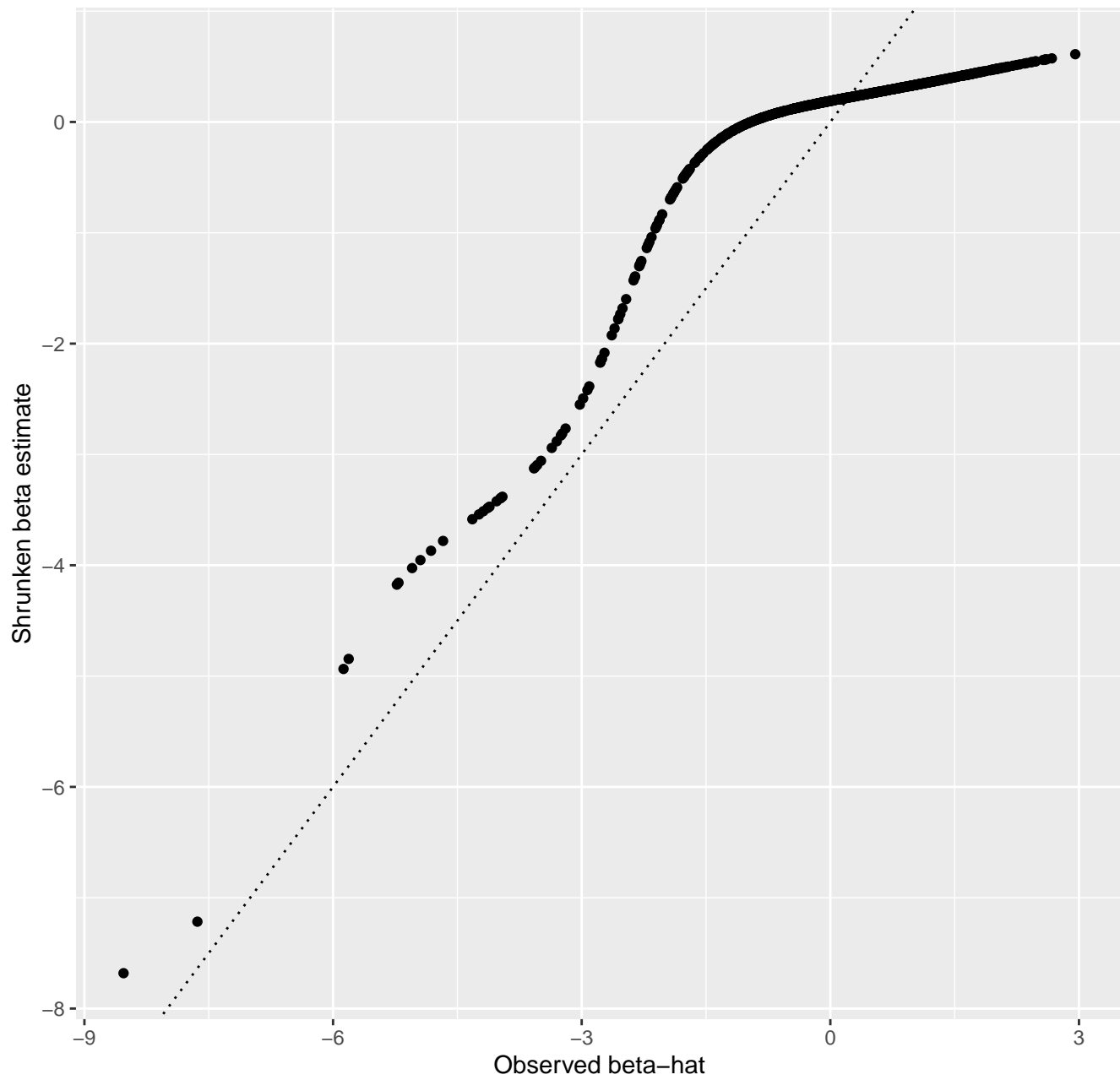
PAK2\_(5062) negative



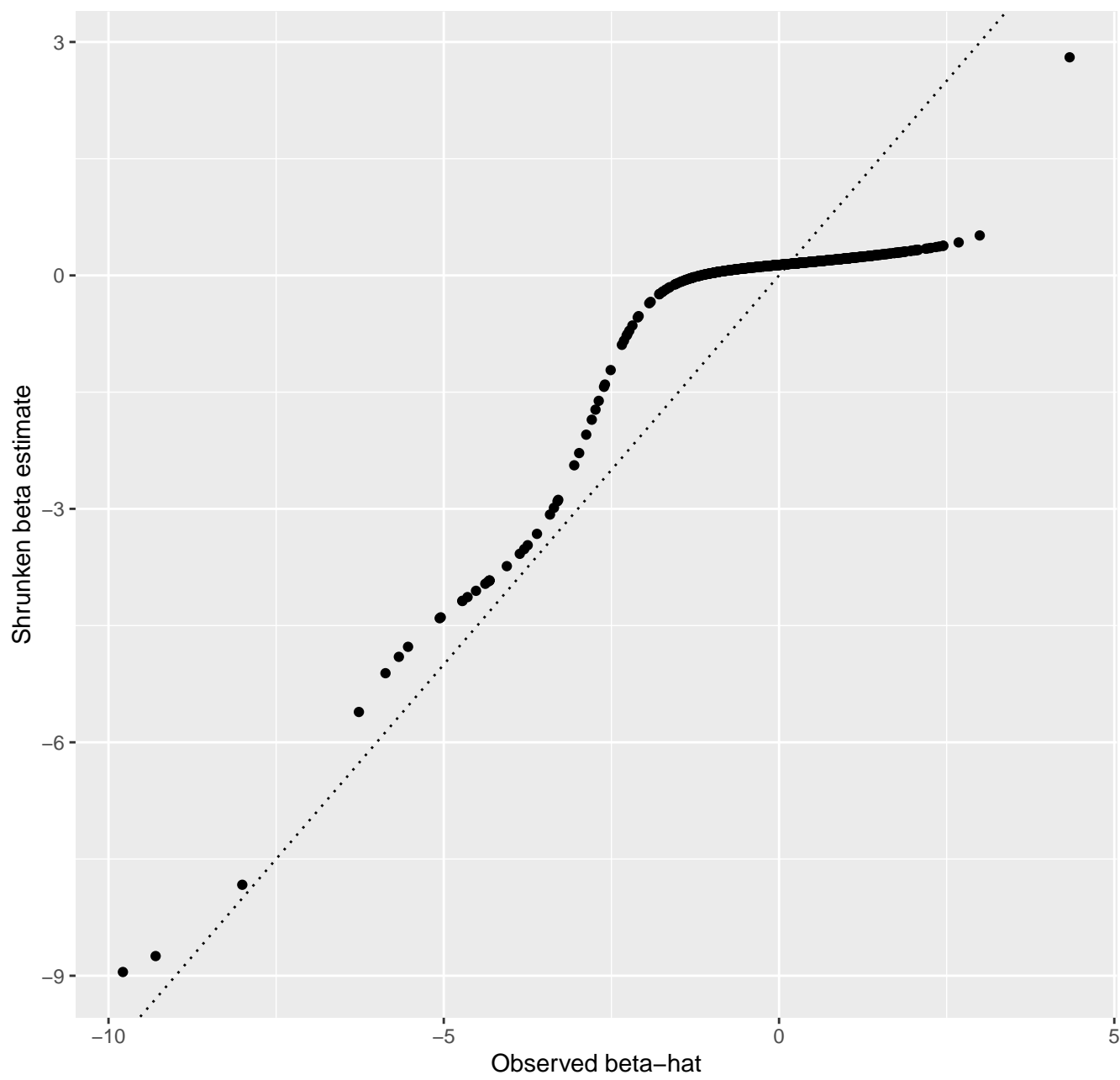
RBBP7\_(5931) negative



TGFBRAP1\_(9392) negative

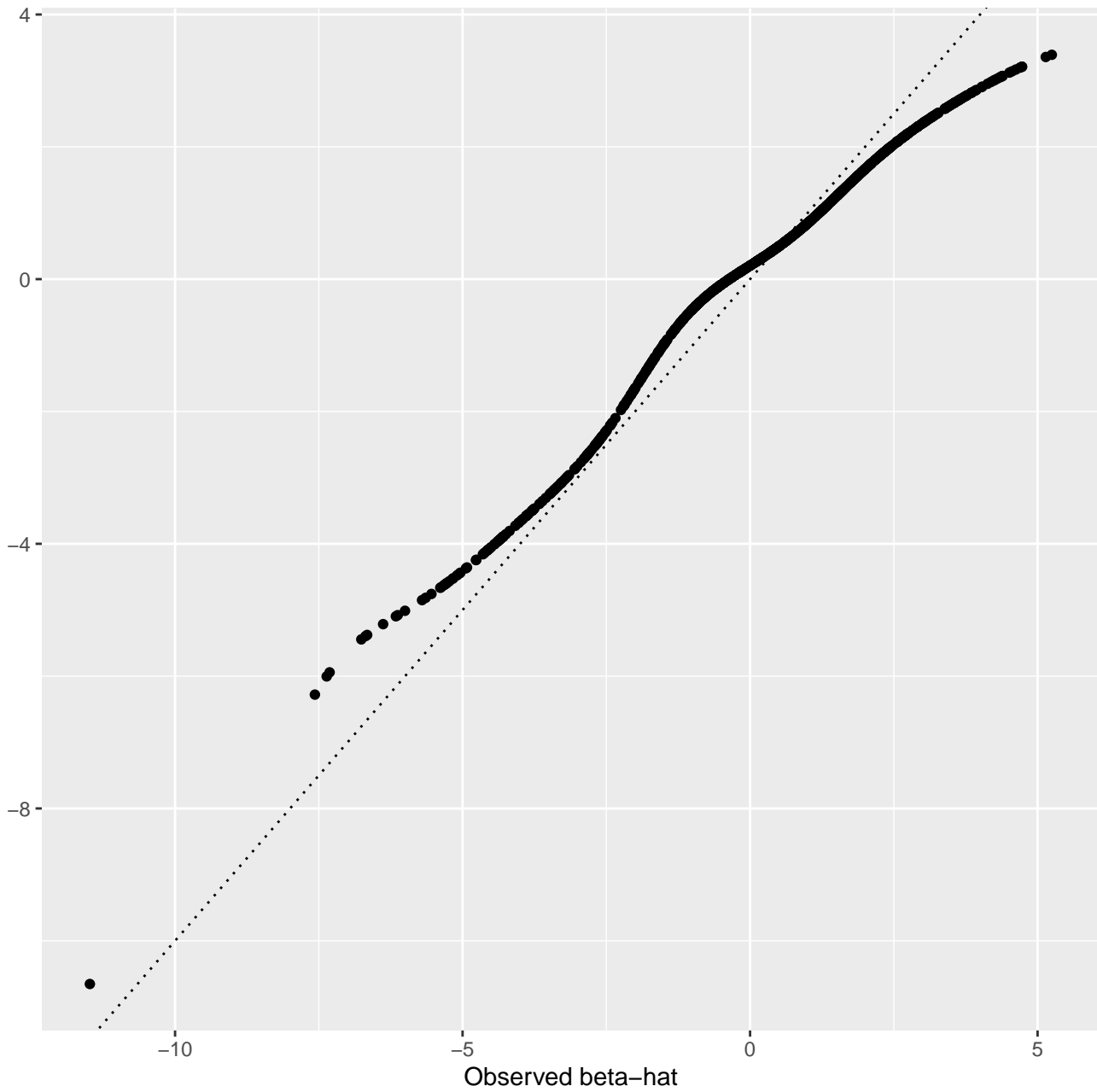


SEC23B\_(10483) negative



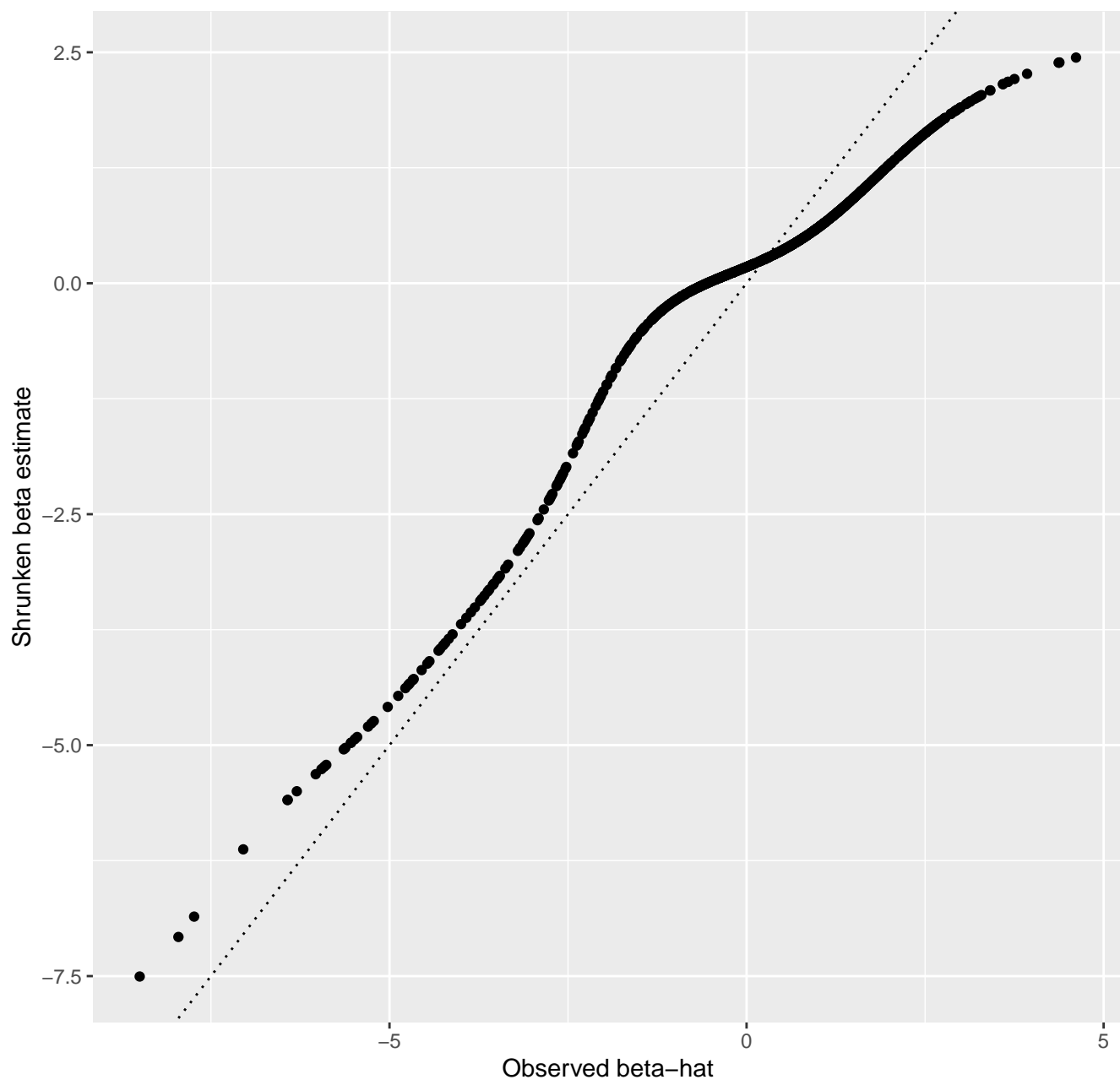
UMPS\_(7372) negative

Shrunken beta estimate



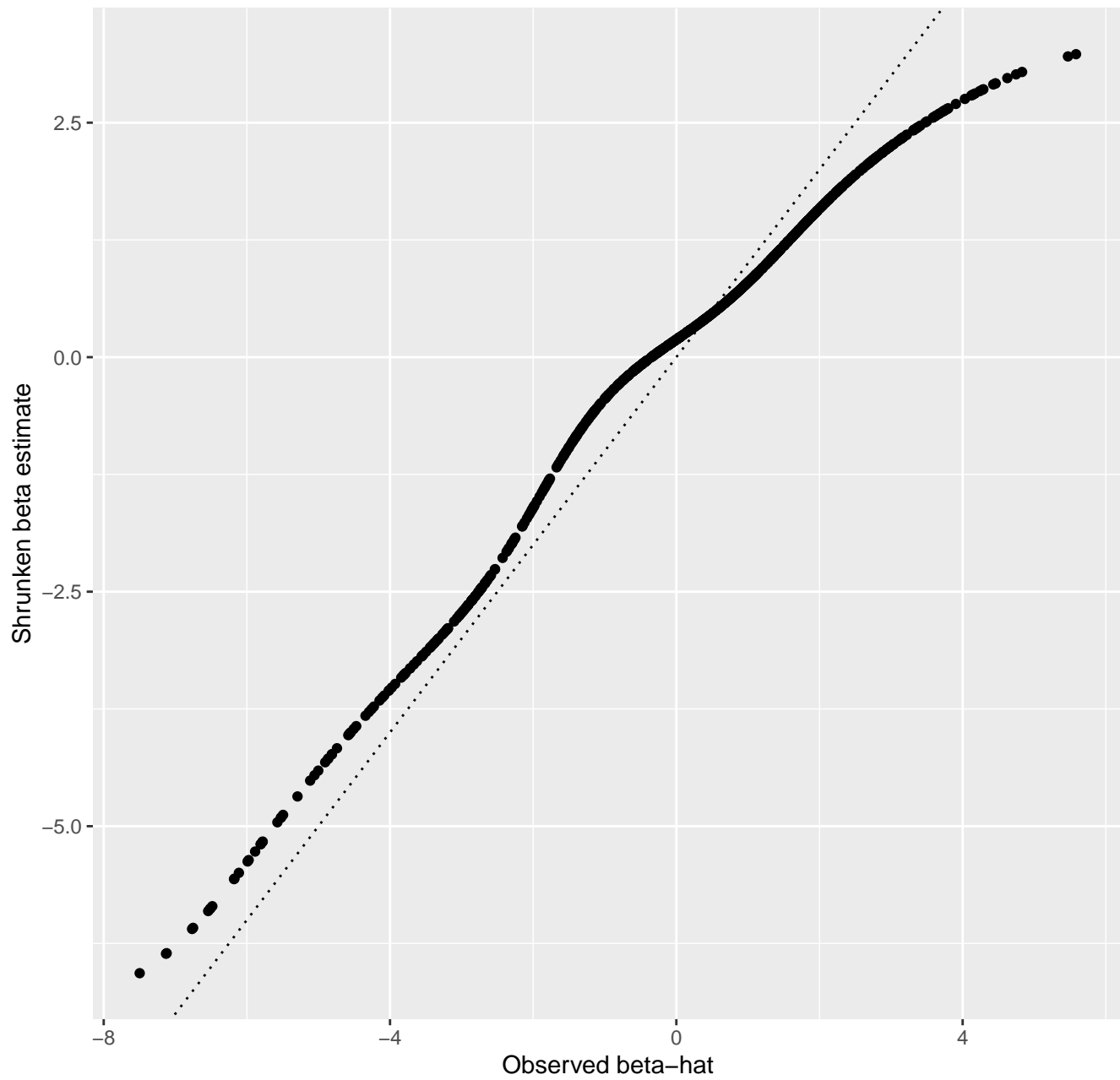
Observed beta-hat

DHODH\_(1723) negative

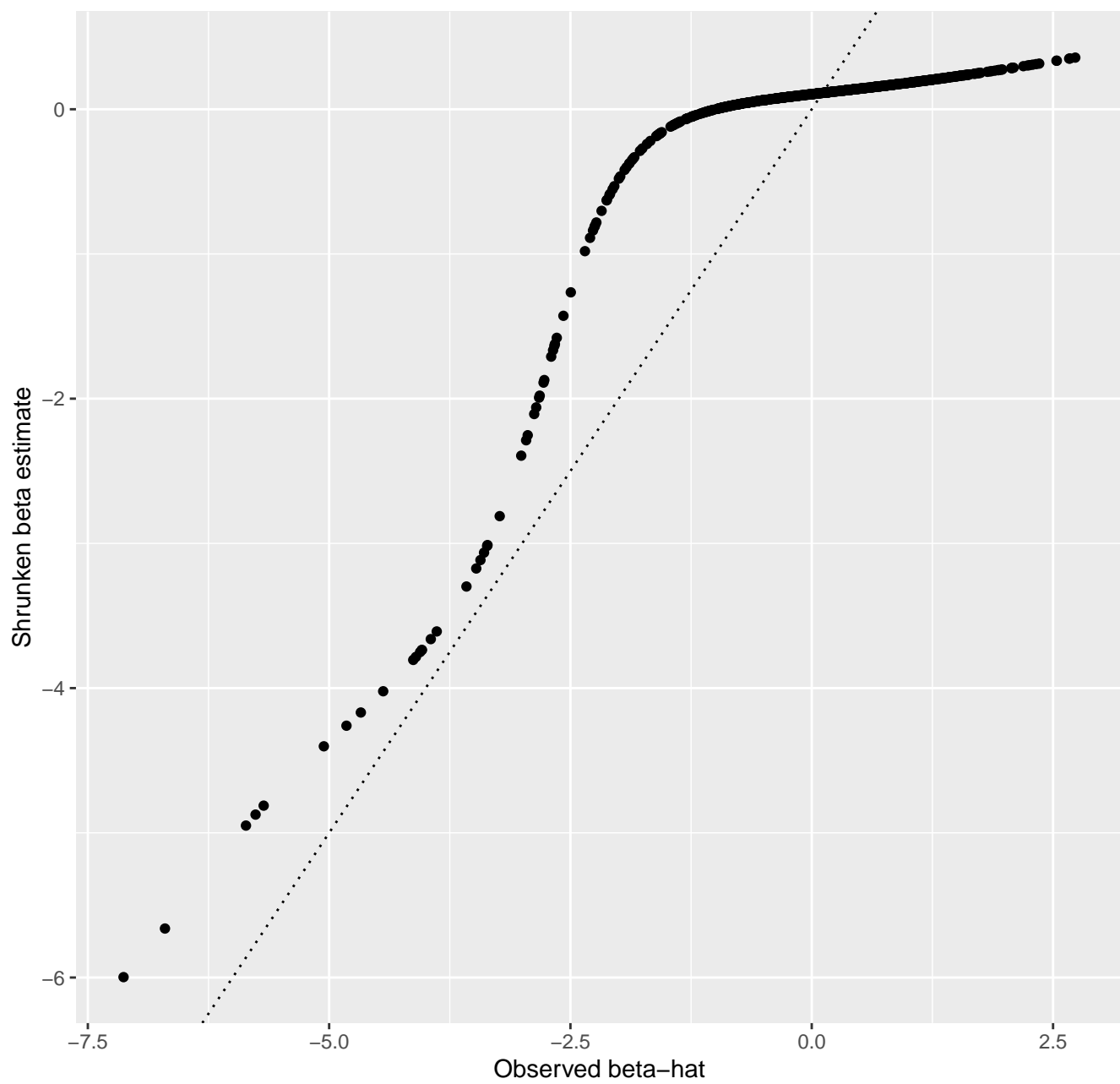




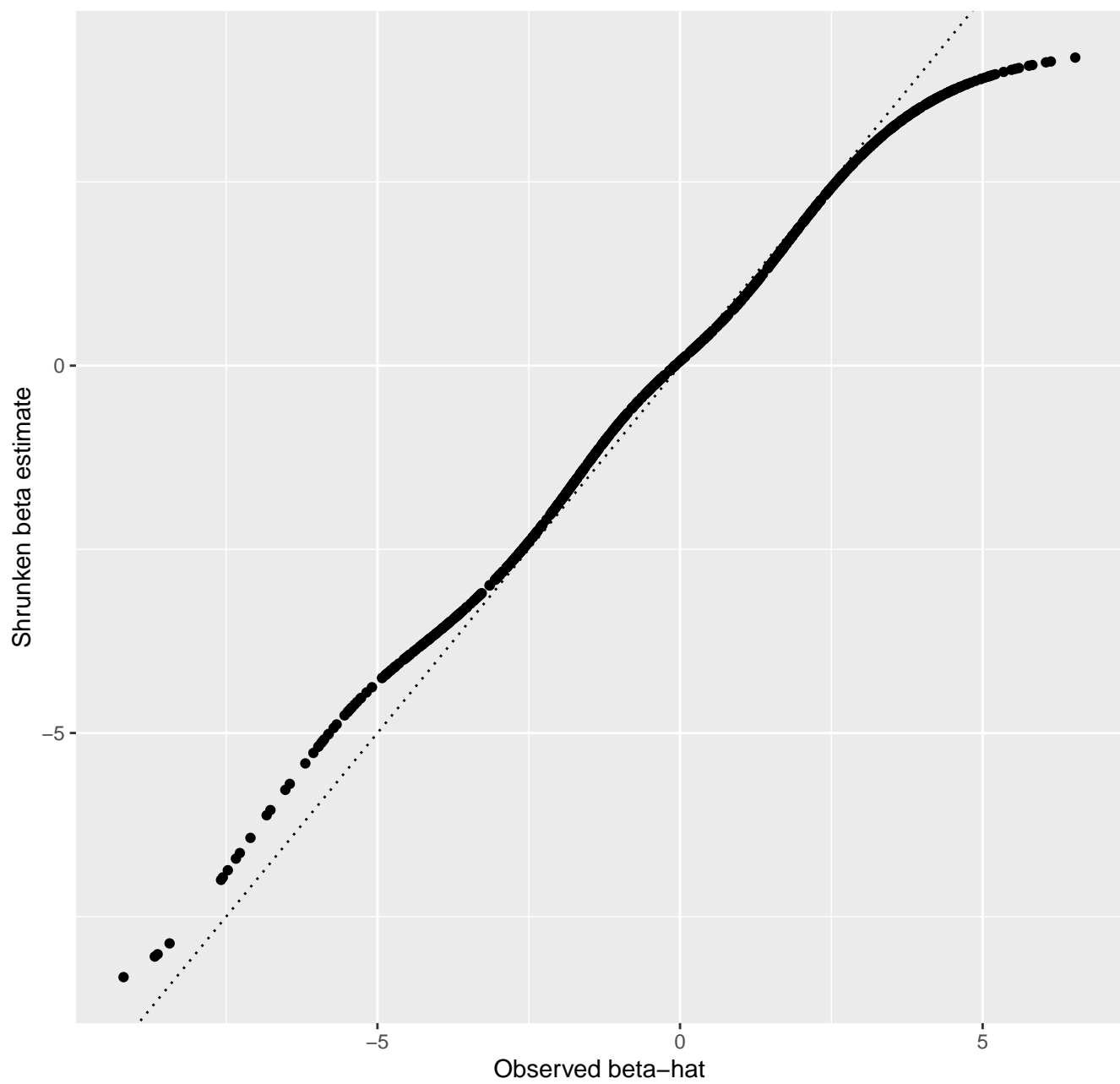
FOSL1\_(8061) negative



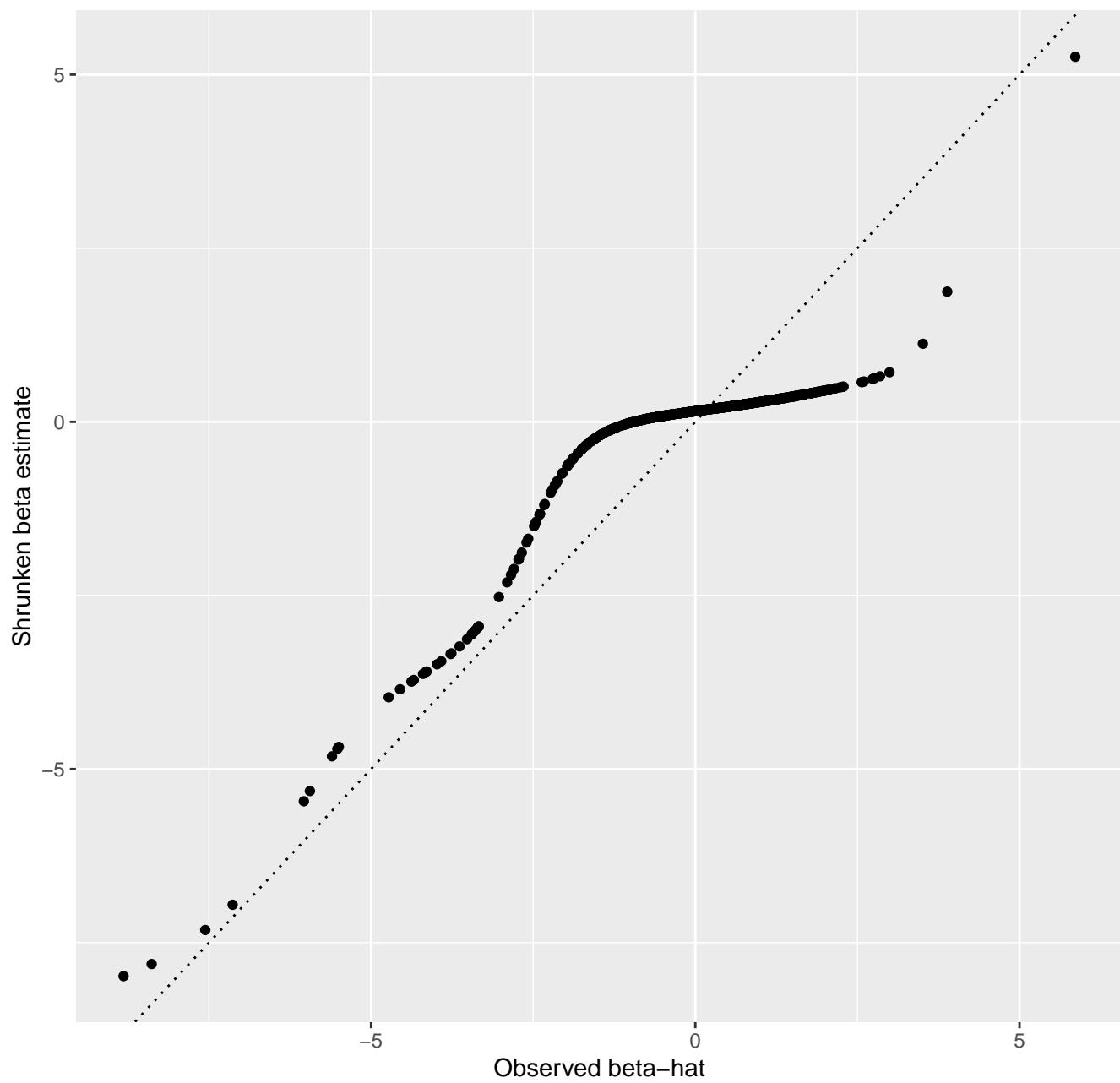
PPP1CC\_(5501) negative



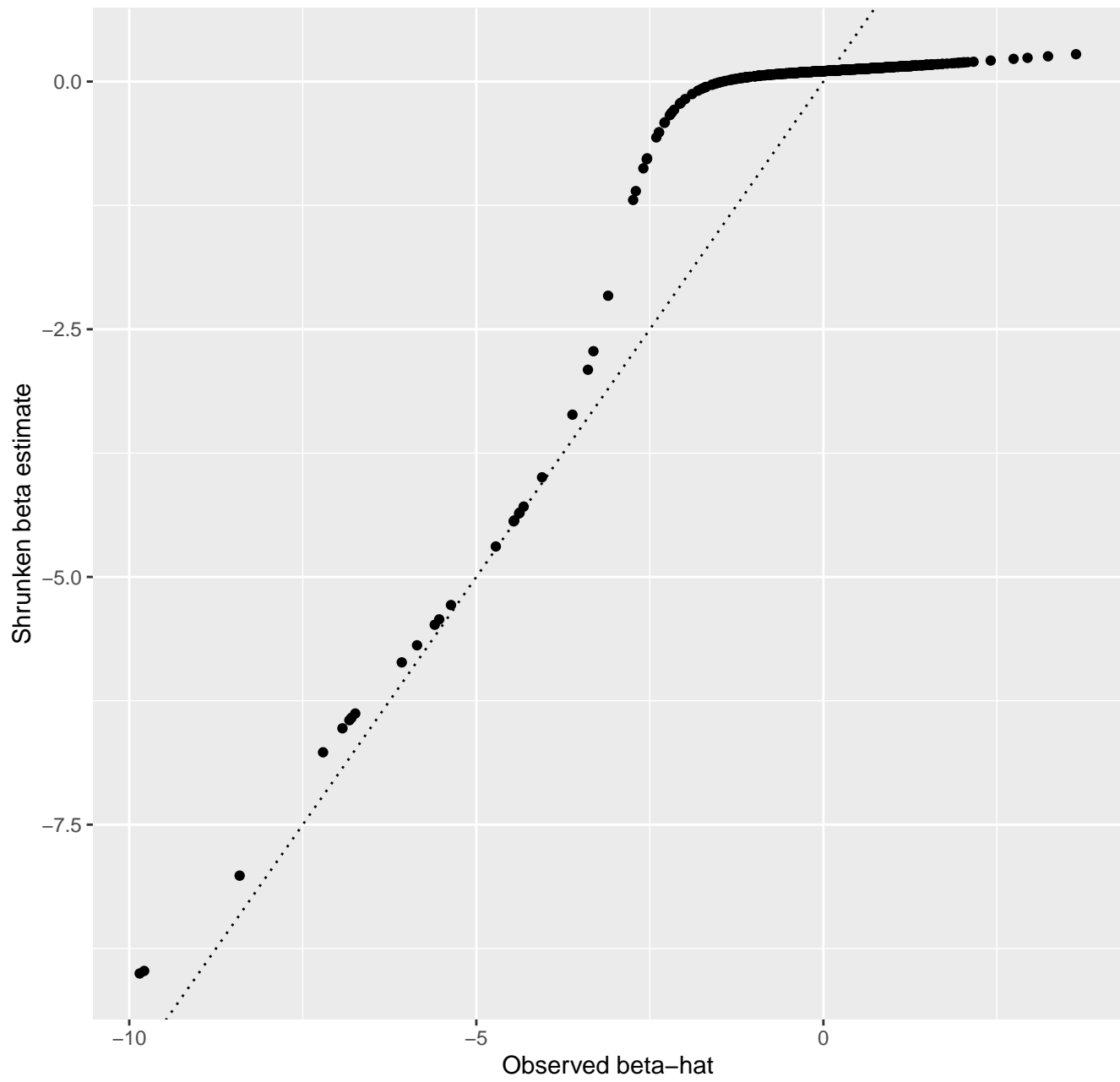
CDK6\_(1021) positive



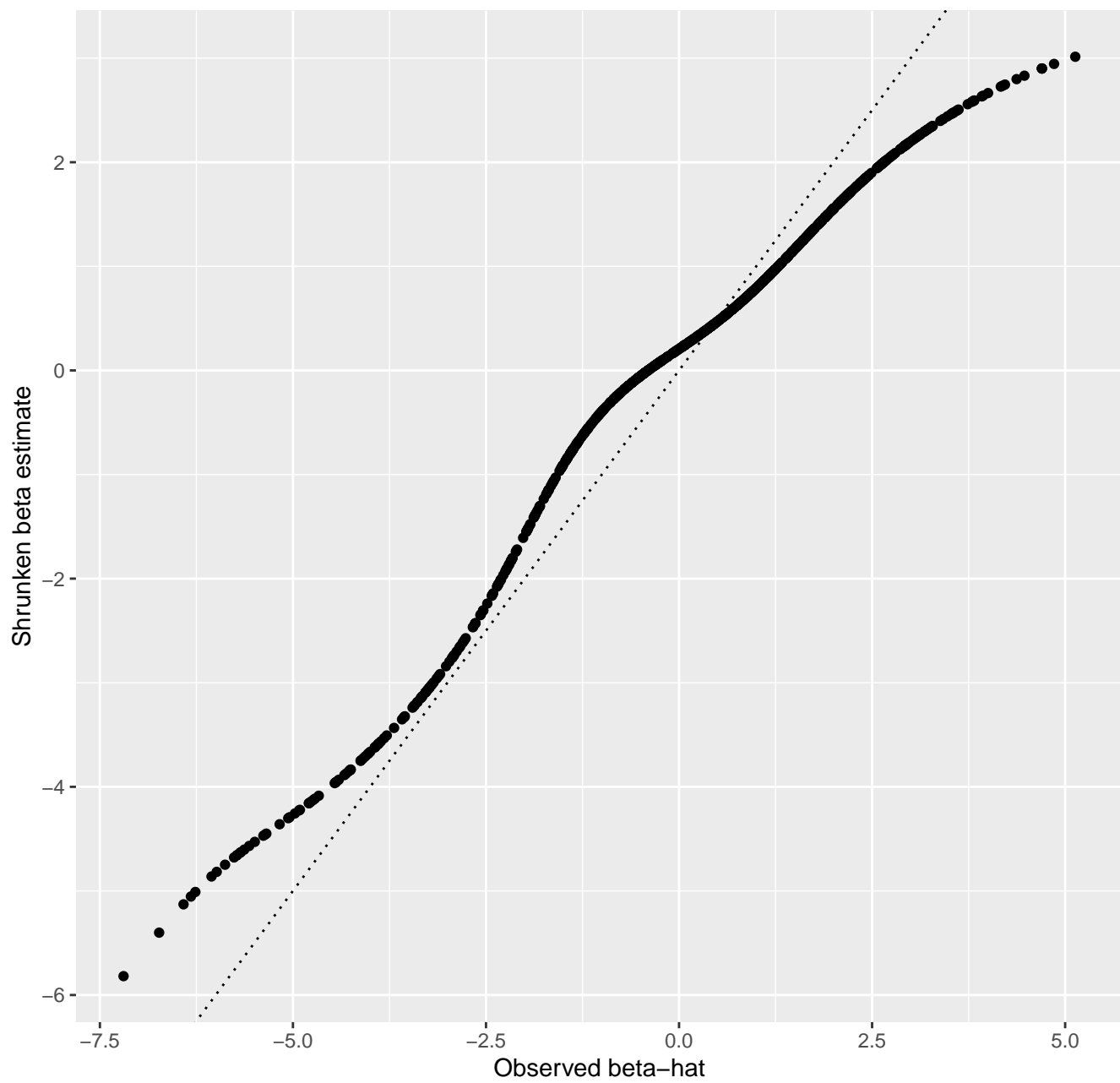
SLC25A37\_(51312) negative



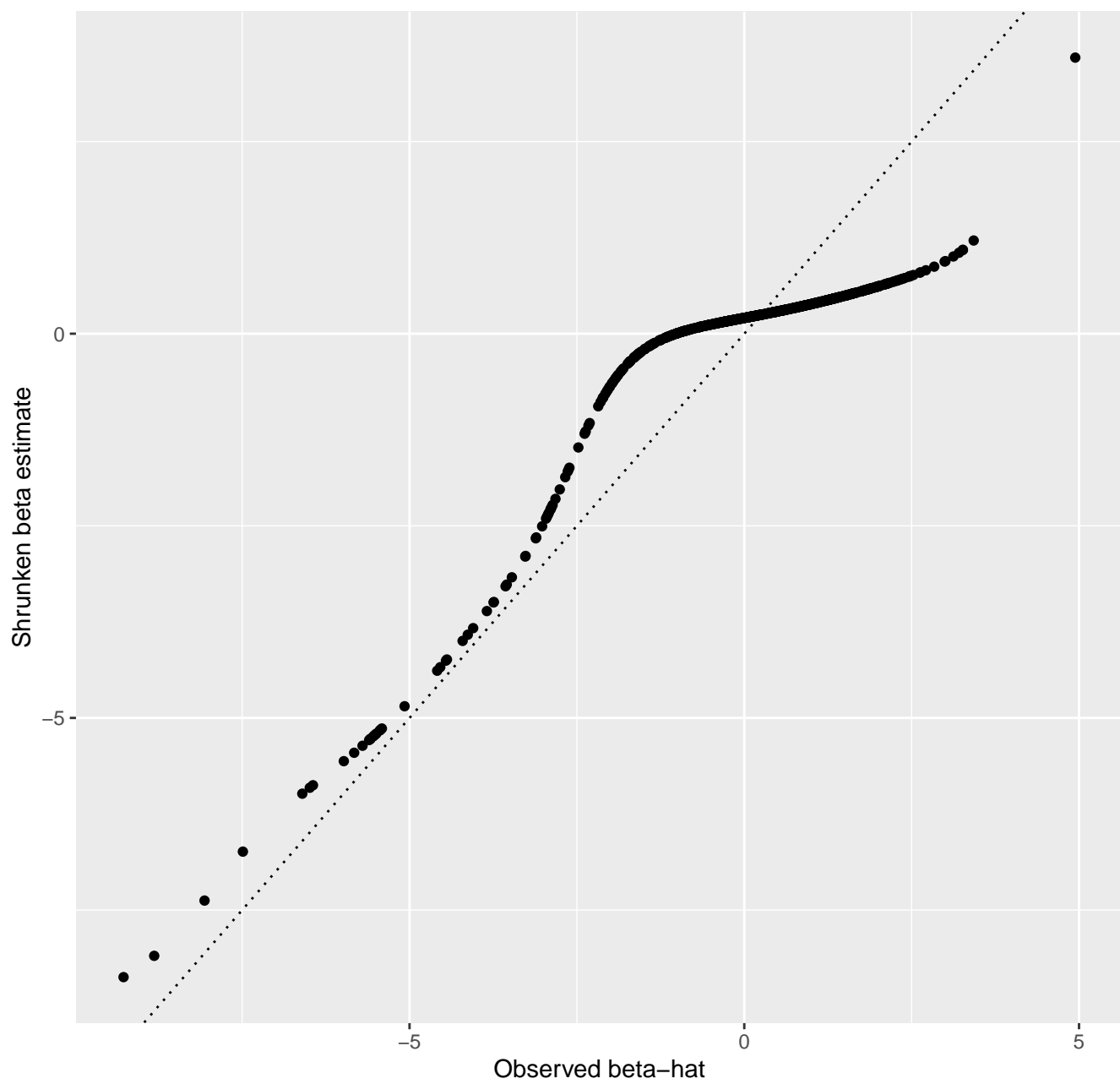
SLC5A3\_(6526) negative



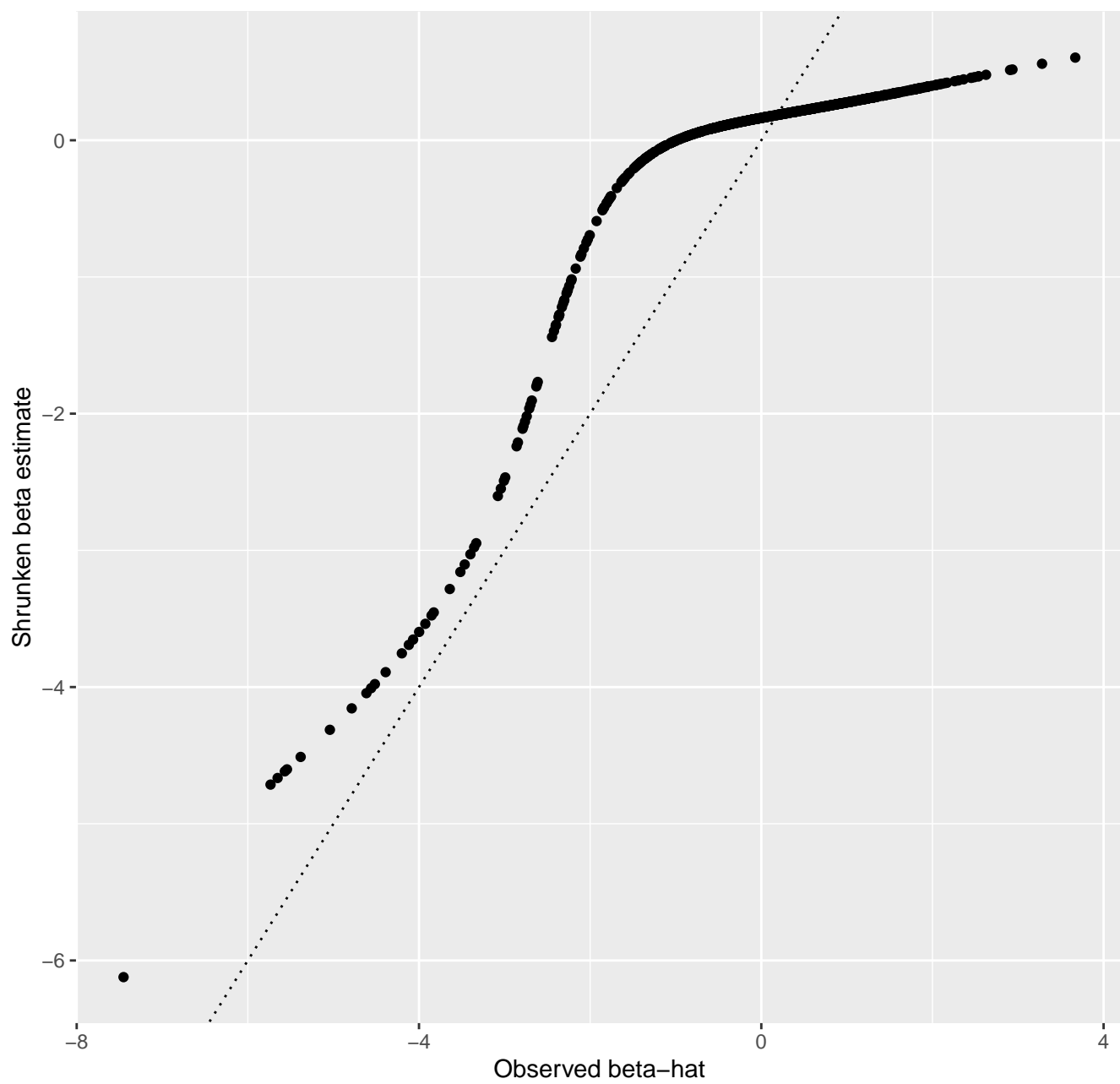
PPAT\_(5471) negative



PEX6\_(5190) negative

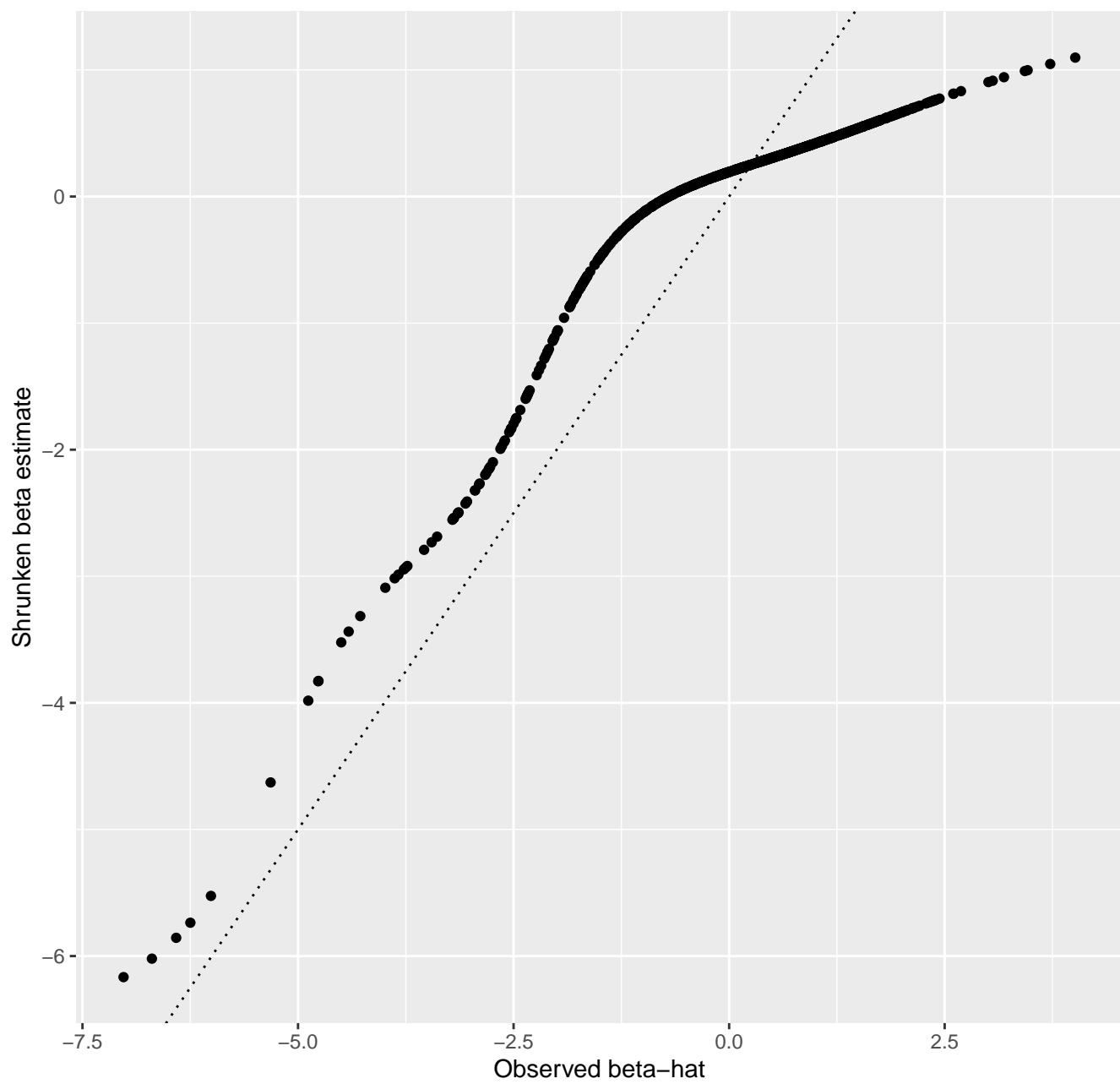


DDX19A\_(55308) negative

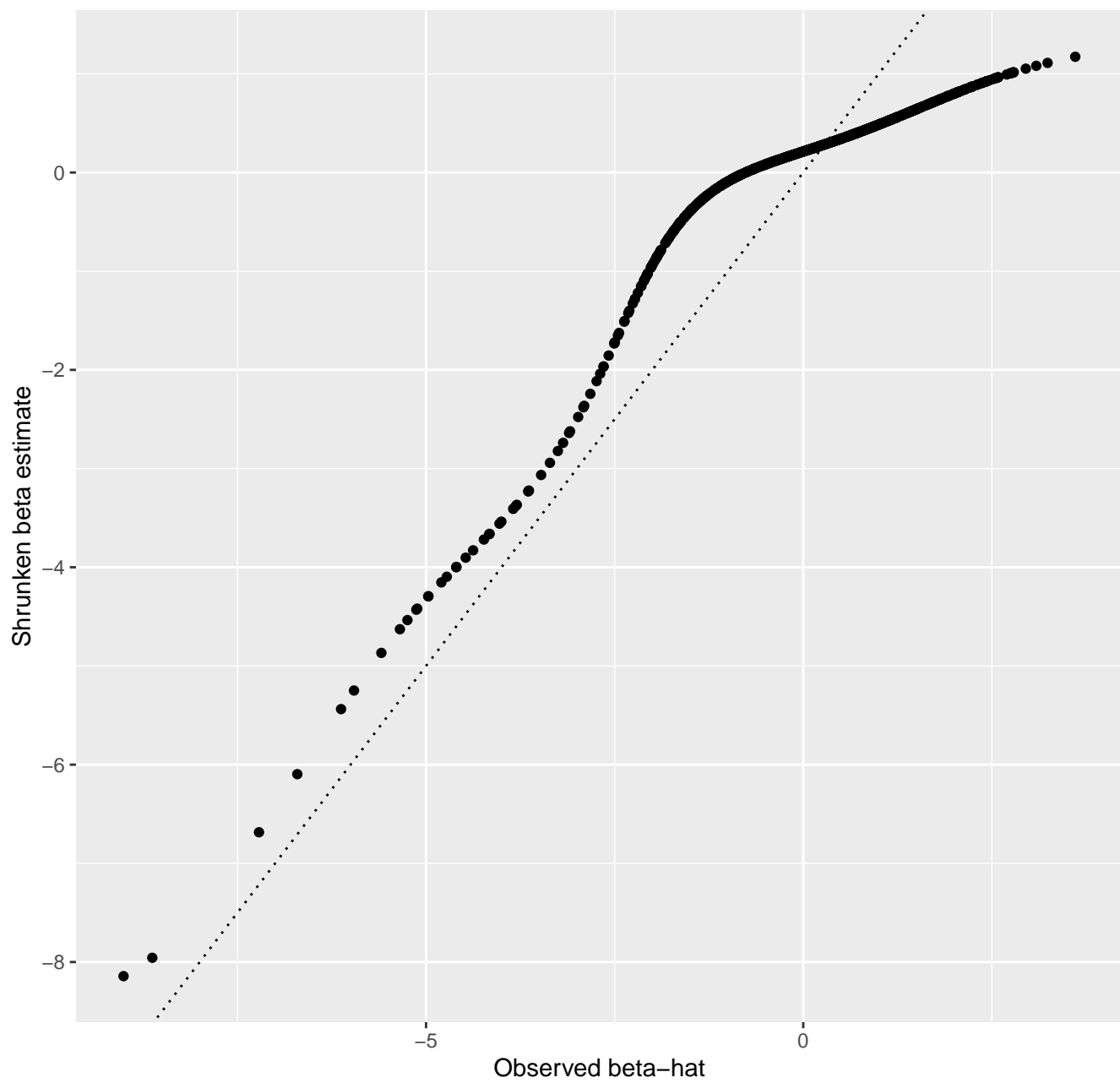




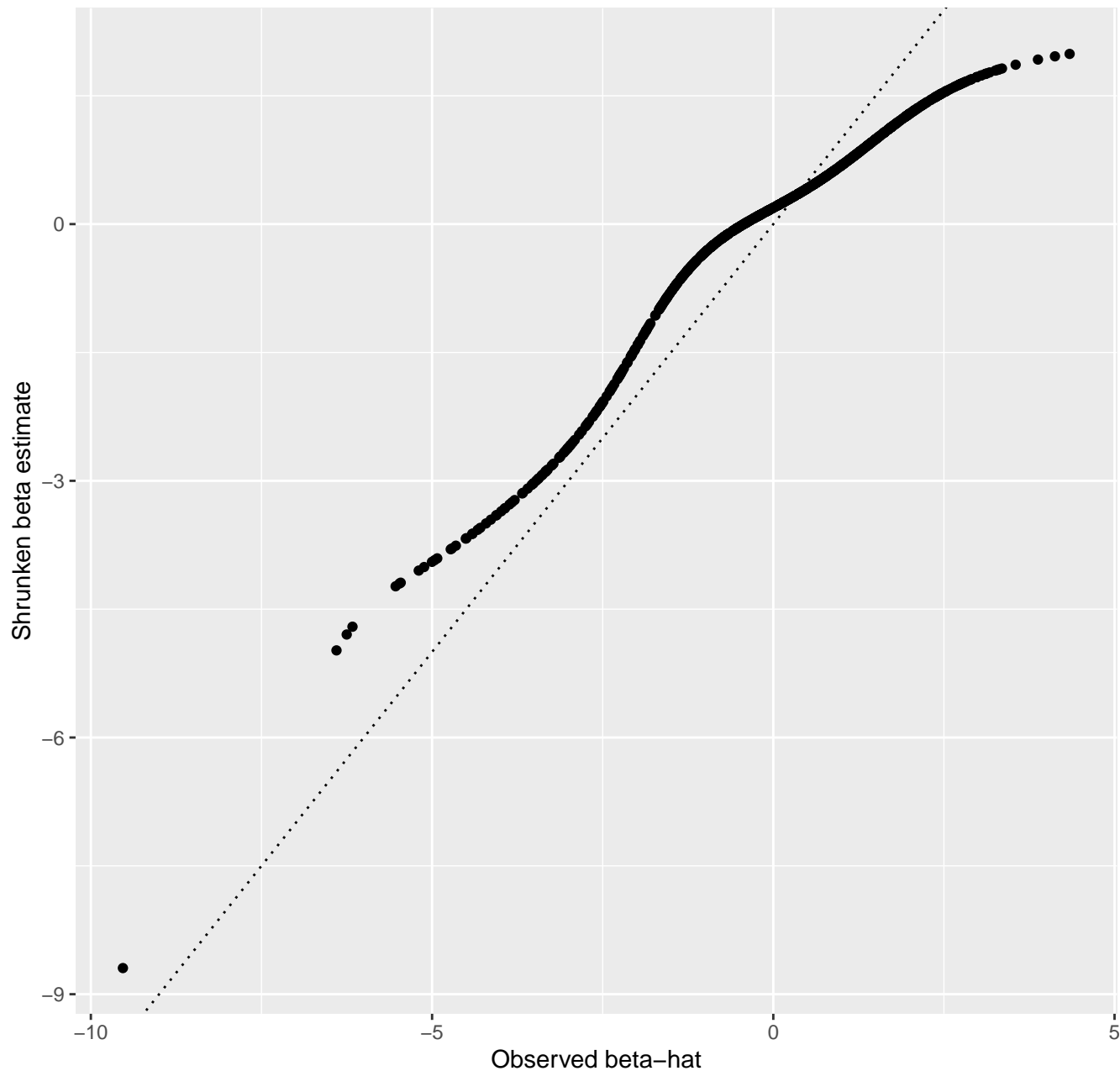
GRK2\_(156) negative



NCOA4\_(8031) negative



EXT1\_(2131) negative



# SLC39A6\_(25800) negative

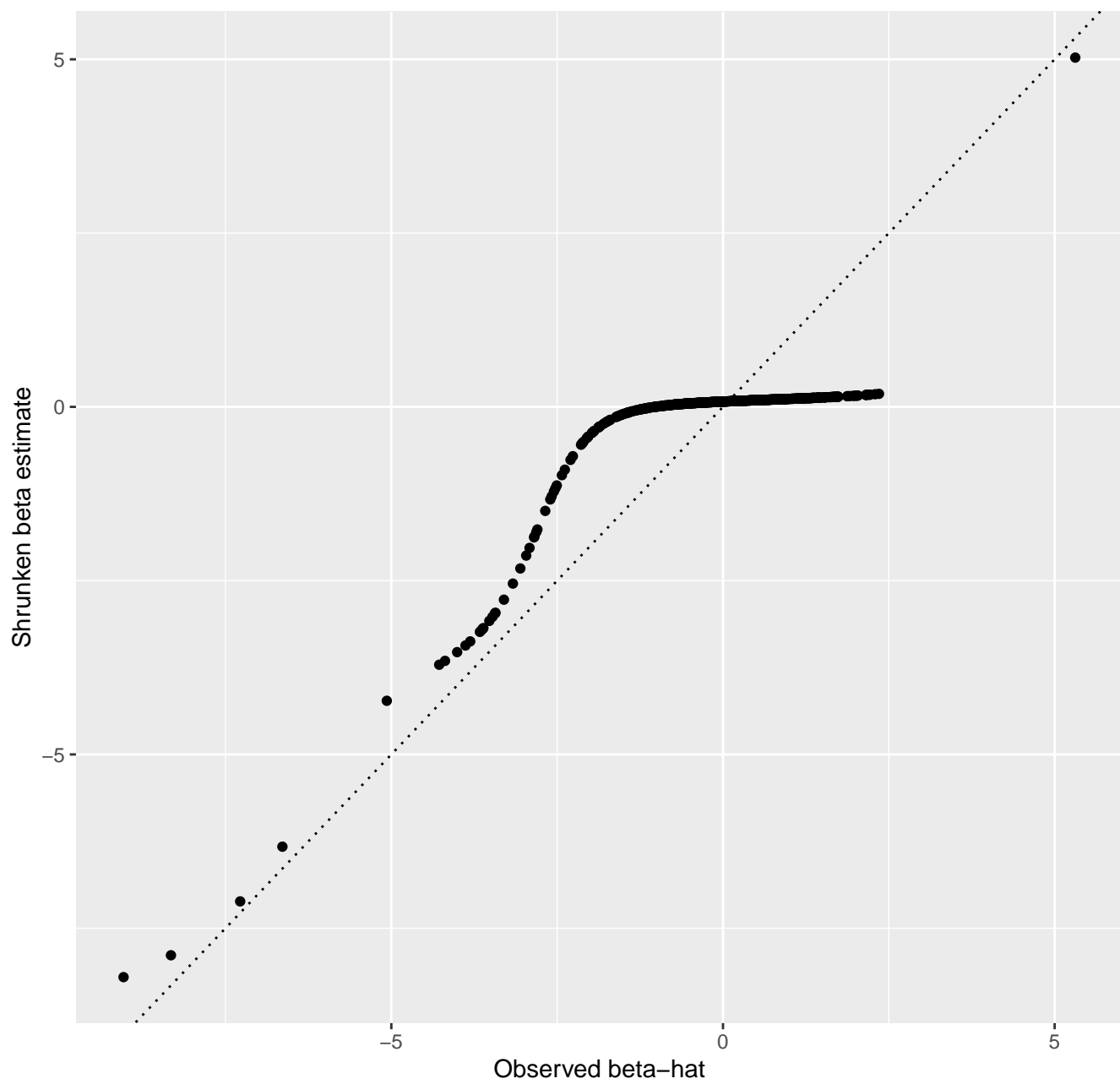
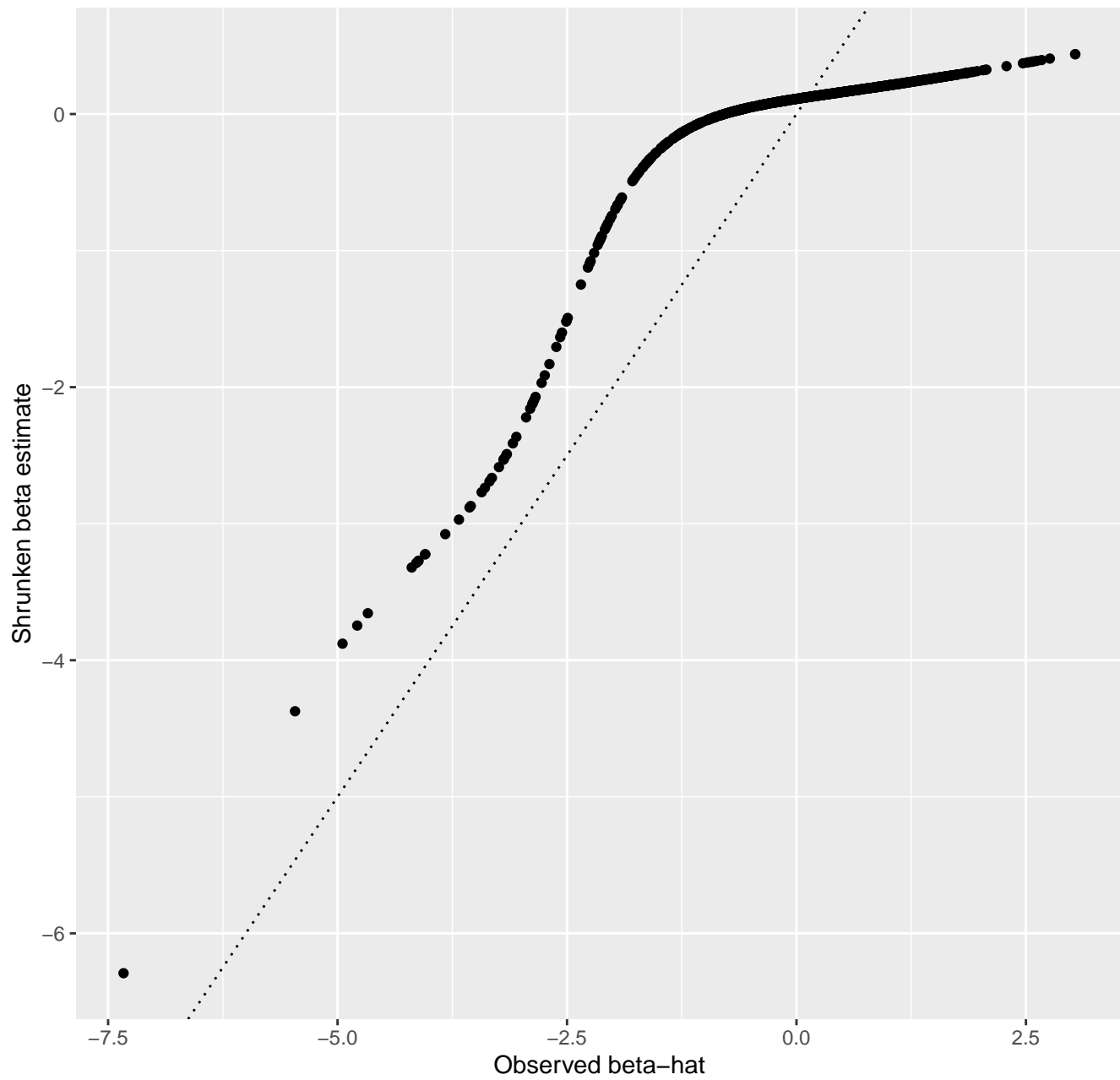
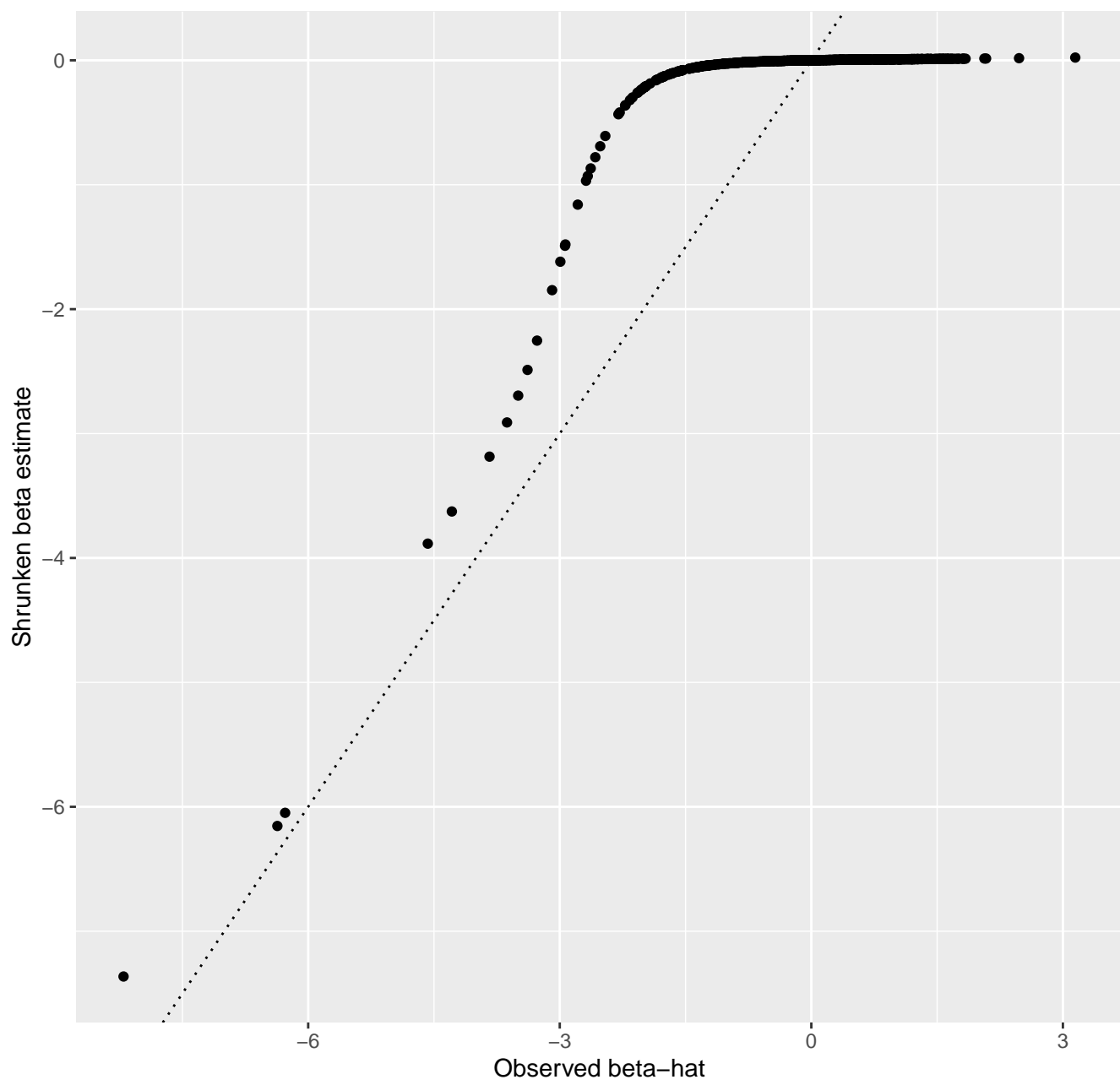


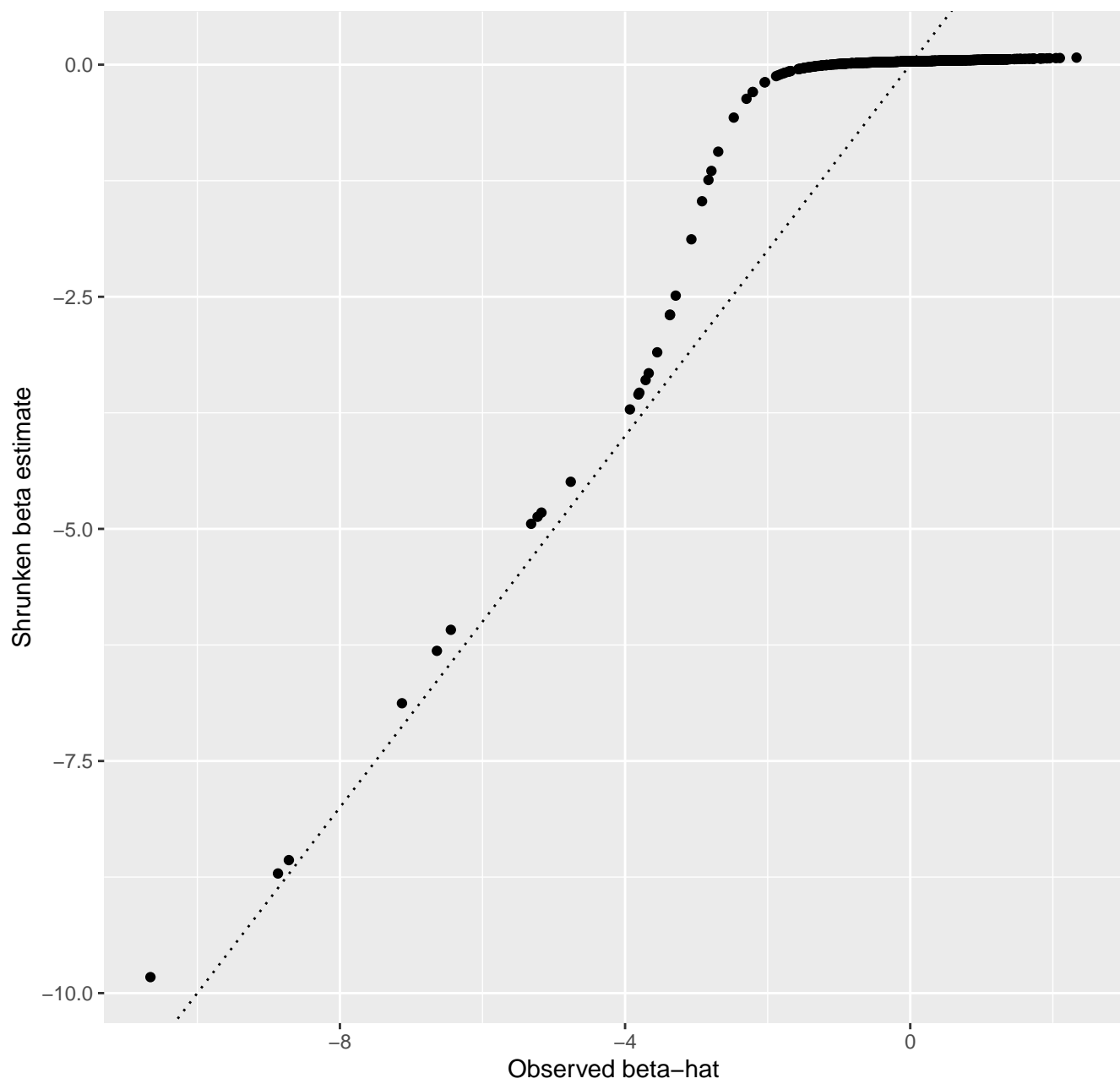
FIG4\_(9896) negative



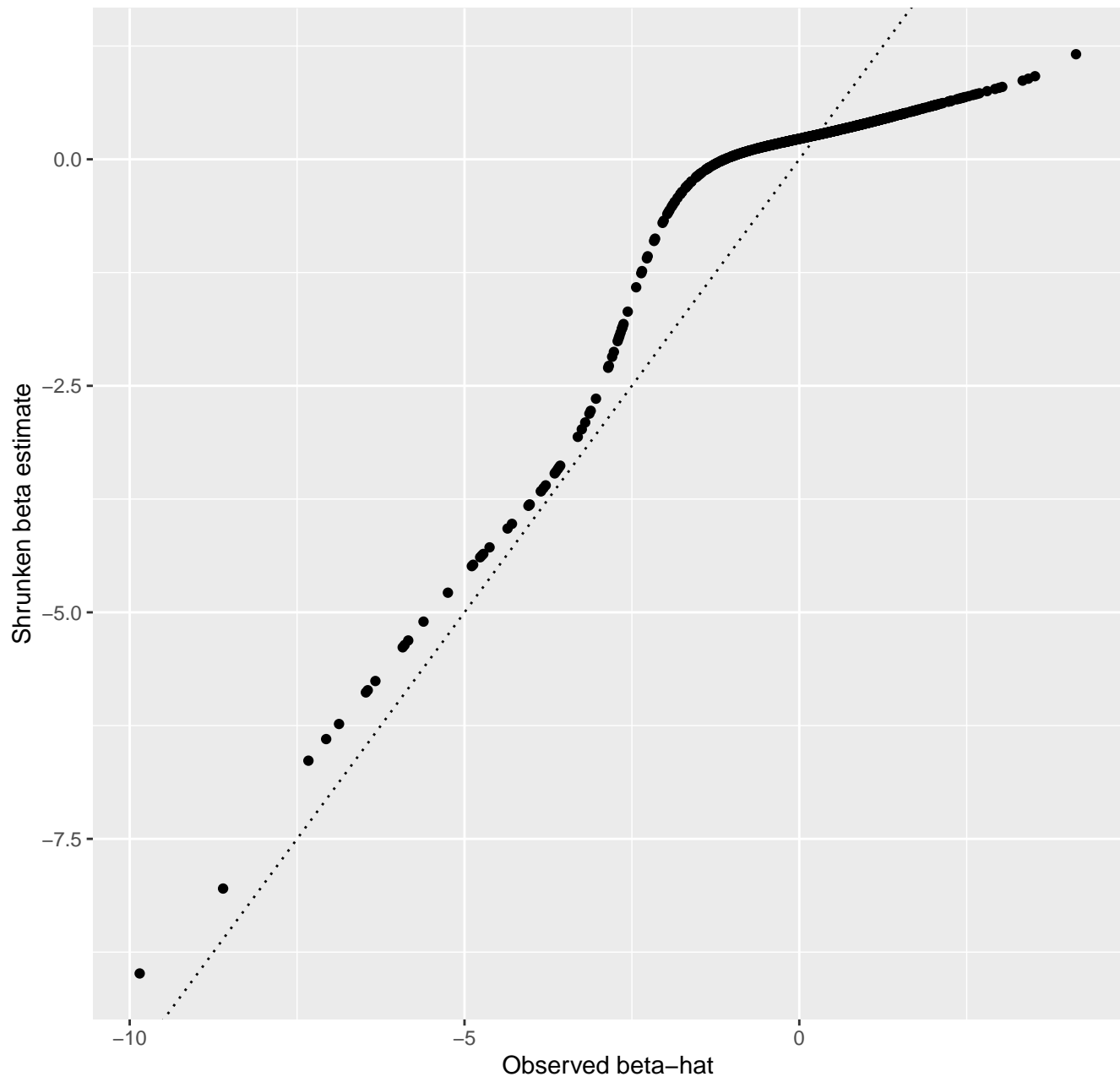
DENND4C\_(55667) negative



SMARCAL1\_(50485) negative

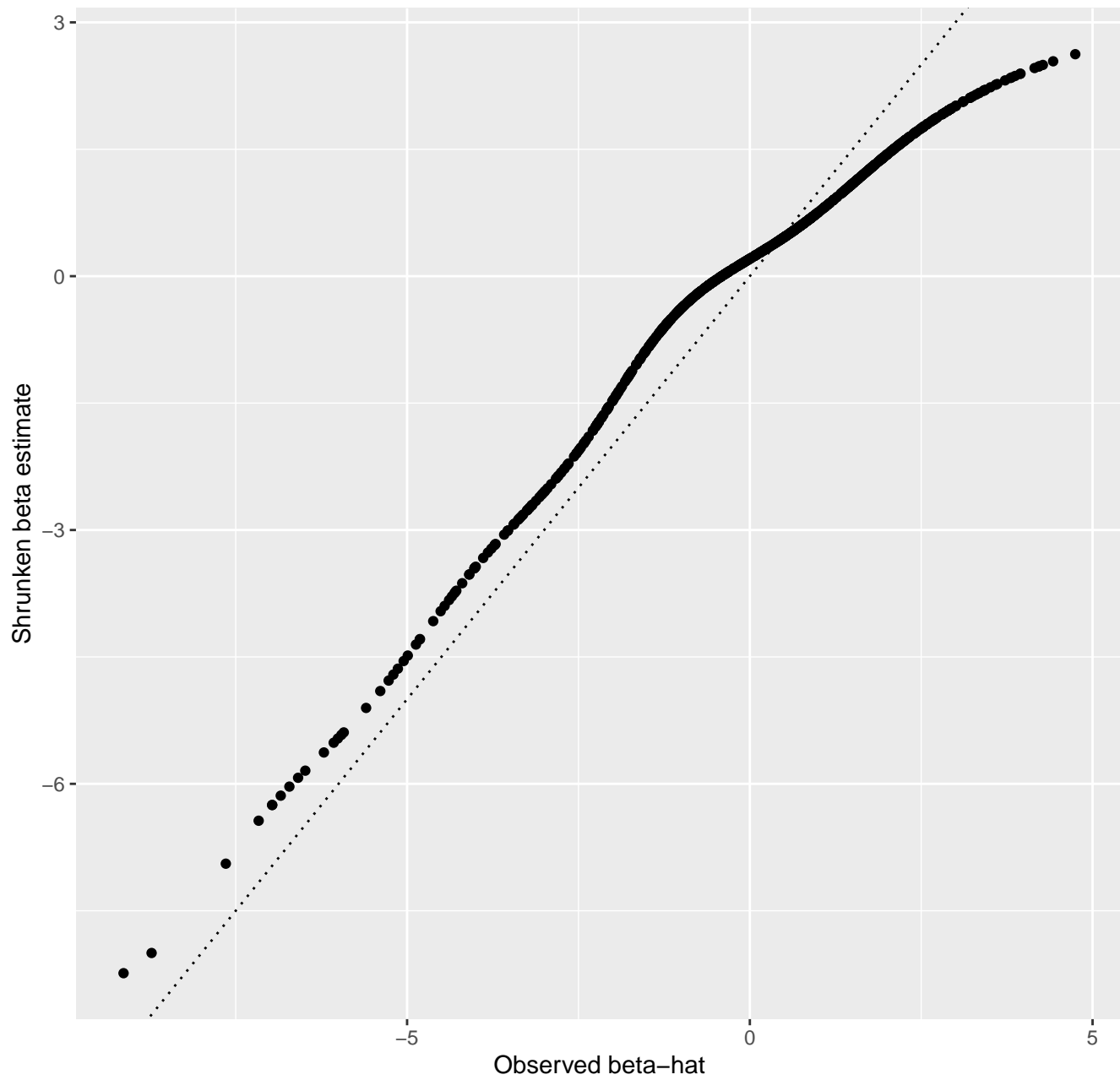


TFAP2A\_(7020) negative

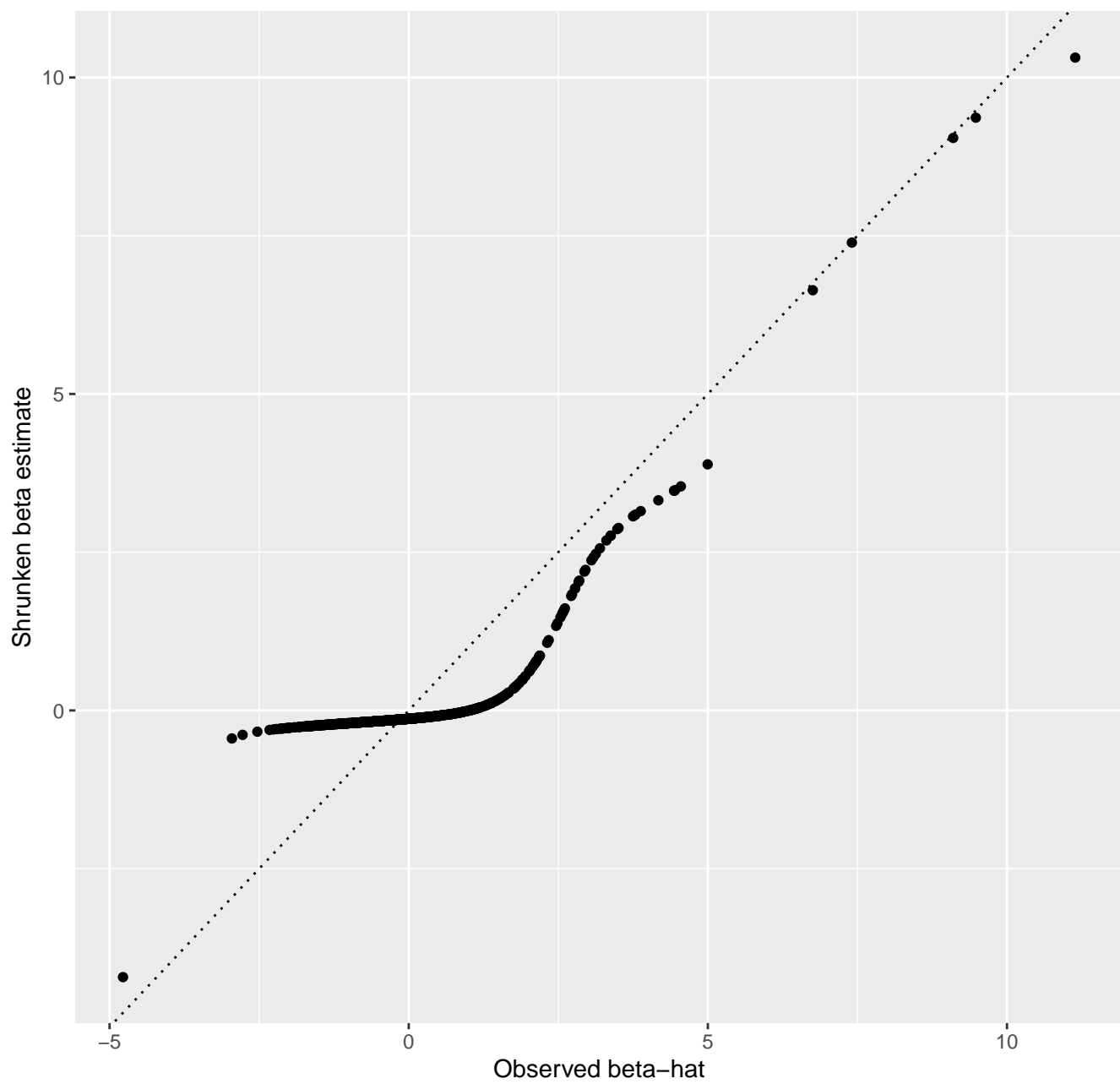




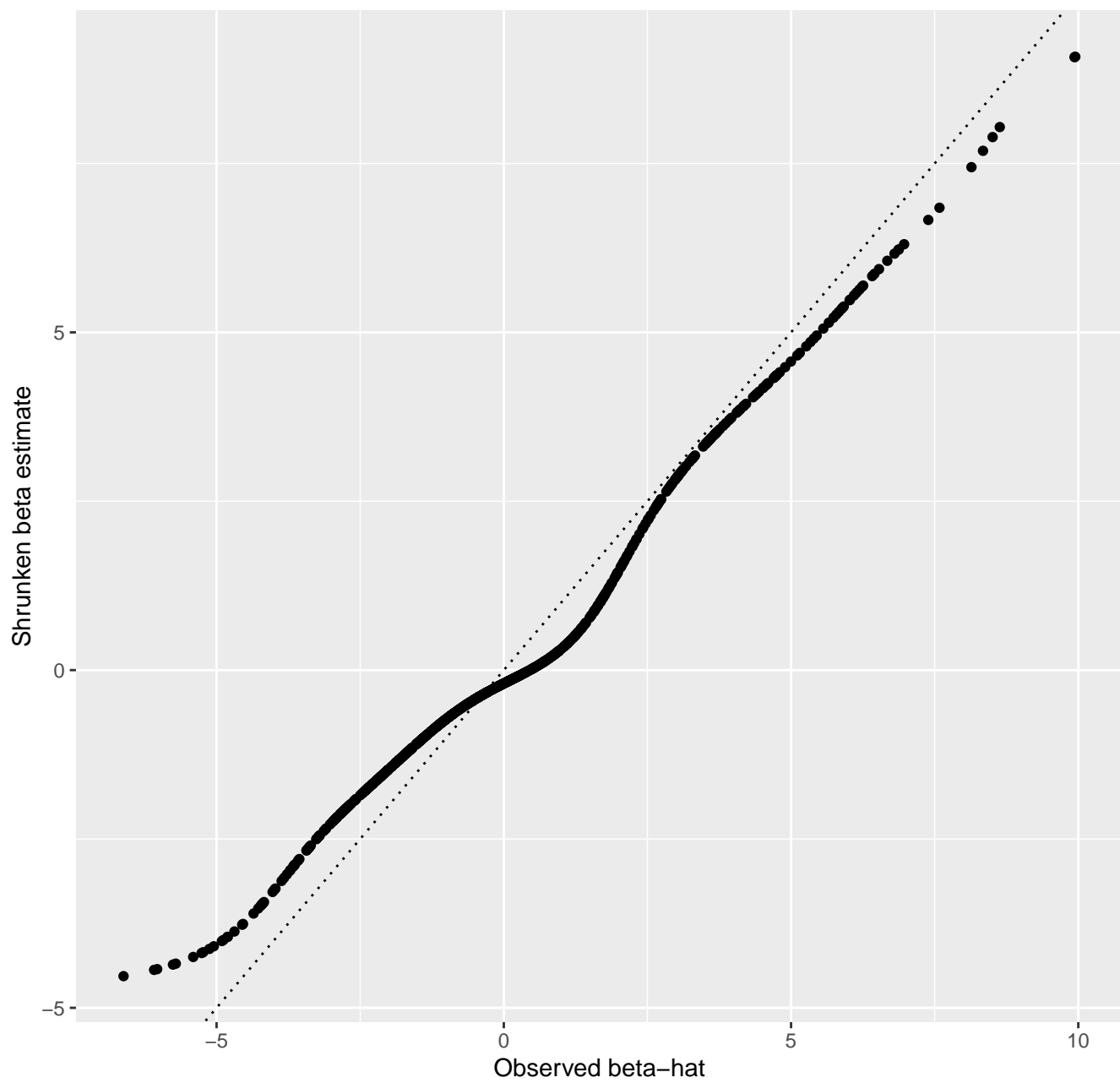
POLE3\_(54107) negative



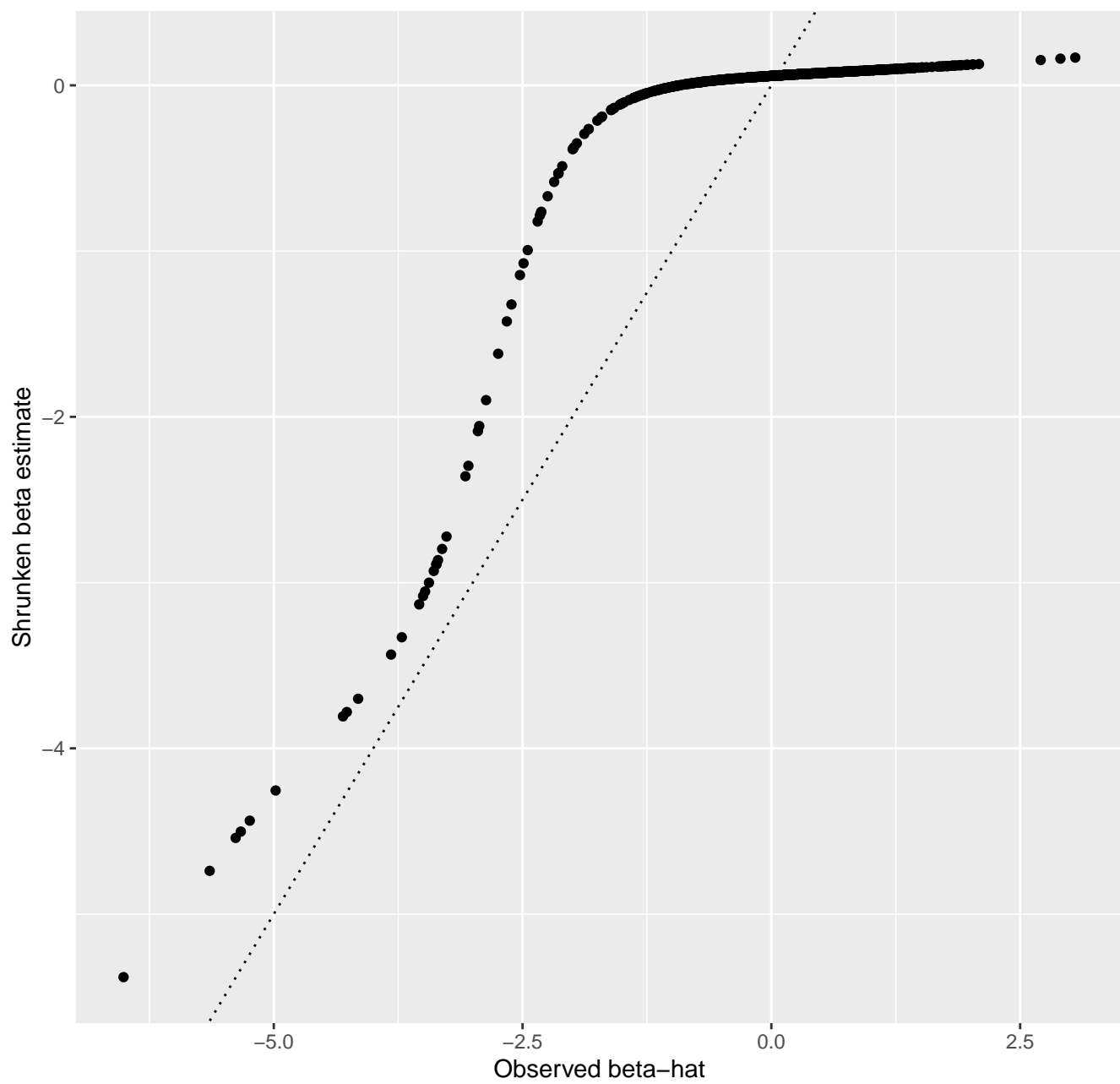
NRP1\_(8829) positive



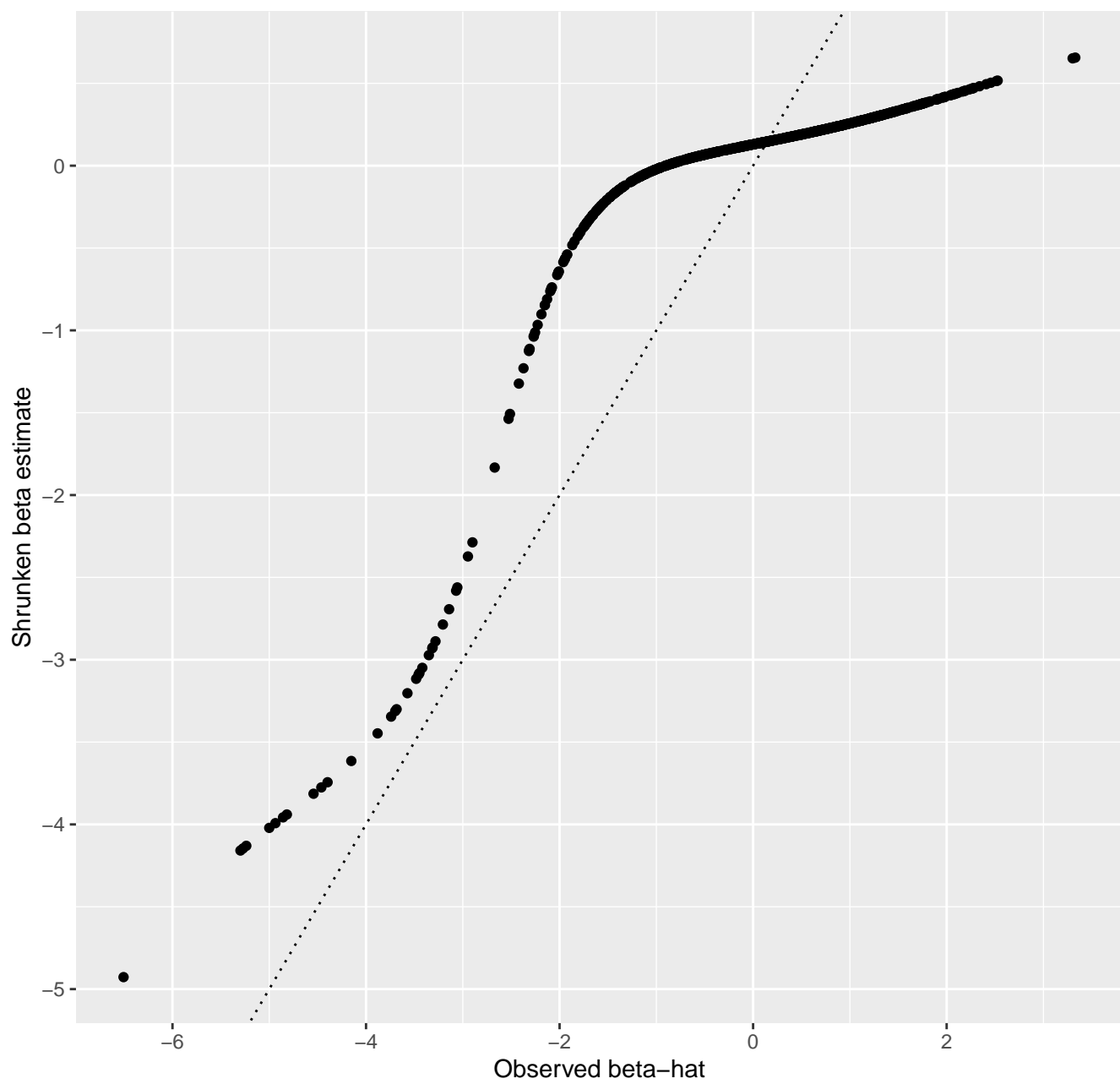
DNM2\_(1785) positive



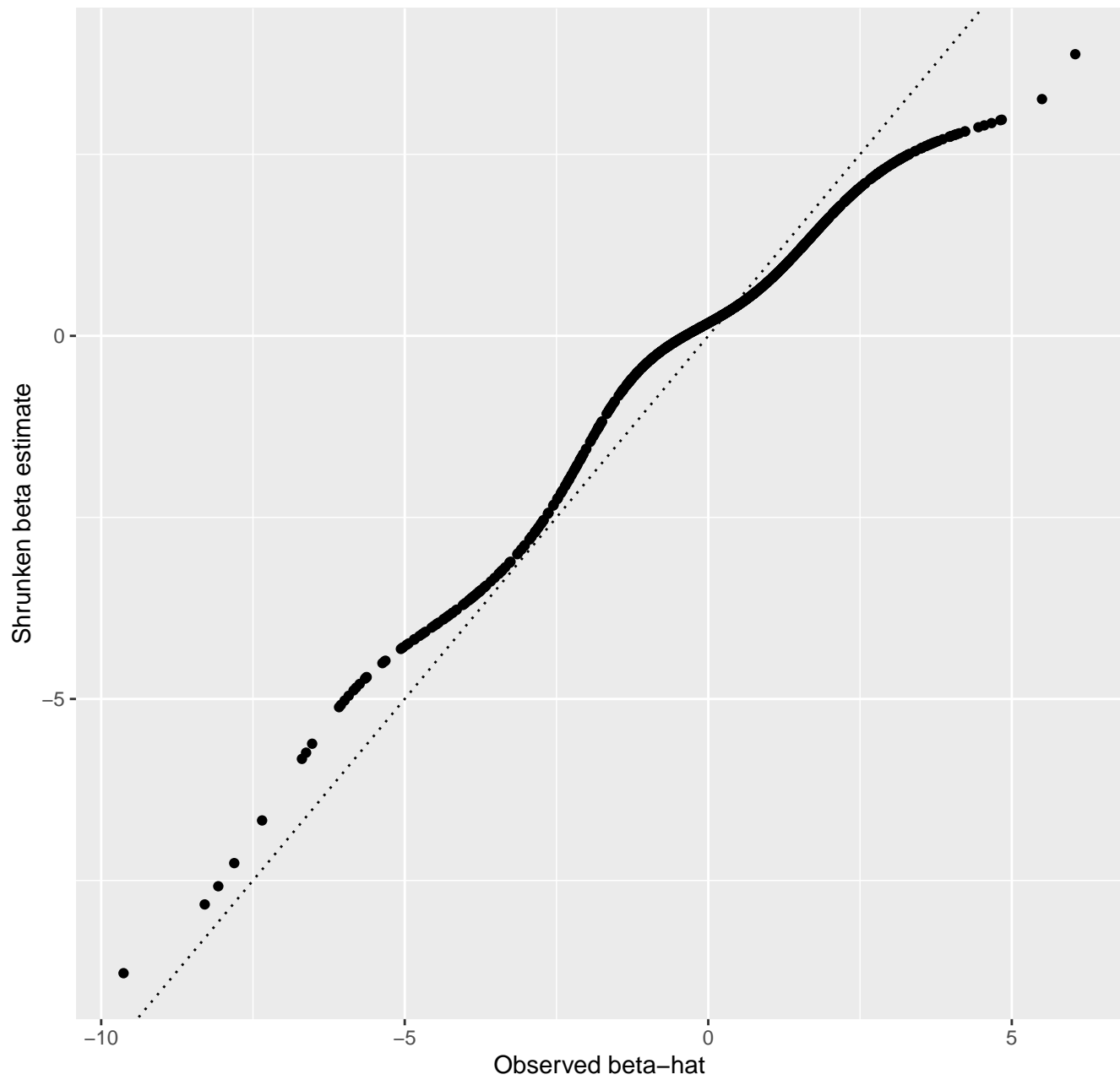
LPAR1\_(1902) negative



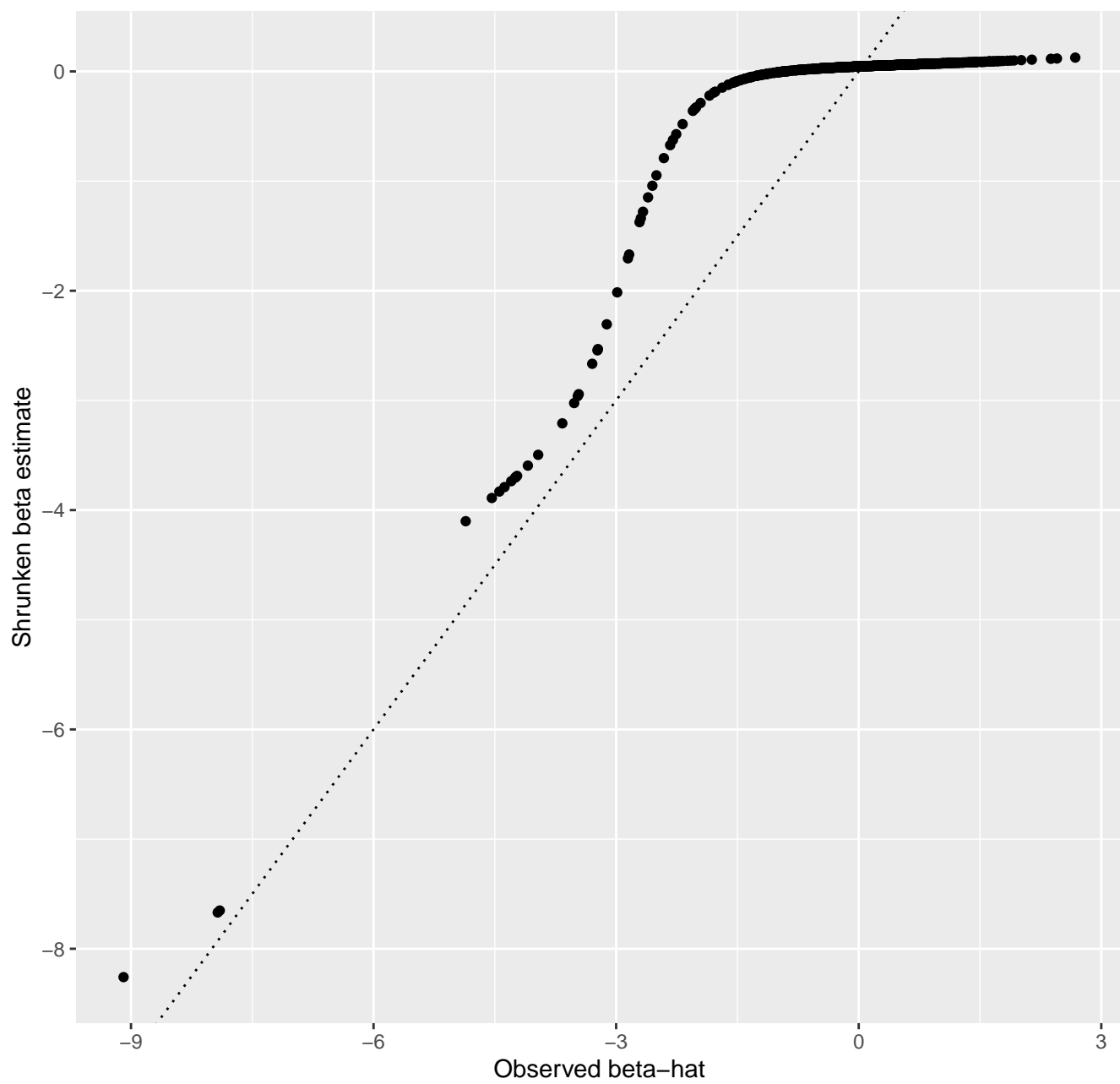
SEPT2\_(4735) negative



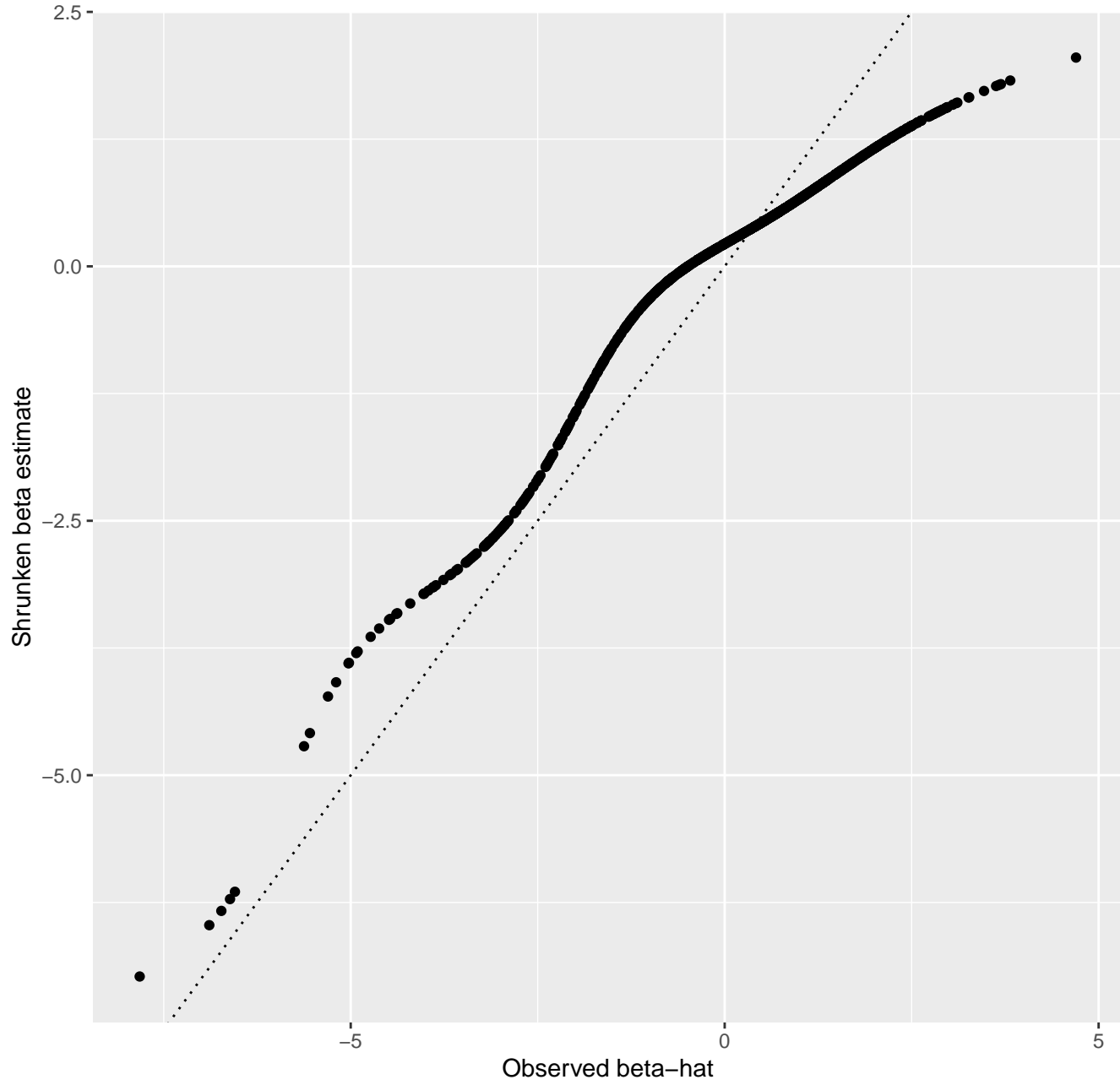
CAD\_(790) negative



LDHA\_(3939) negative

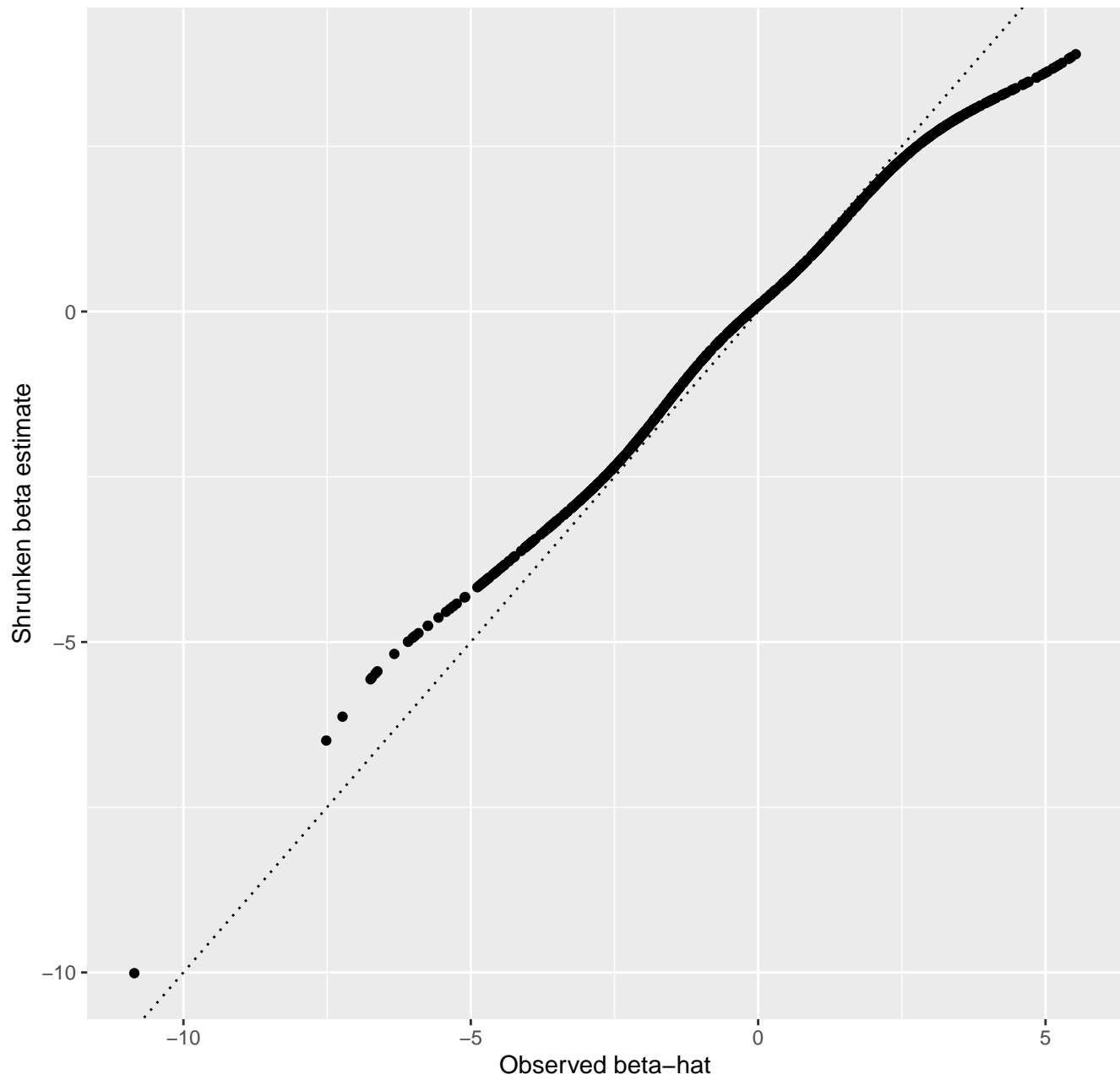


PITRM1\_(10531) negative

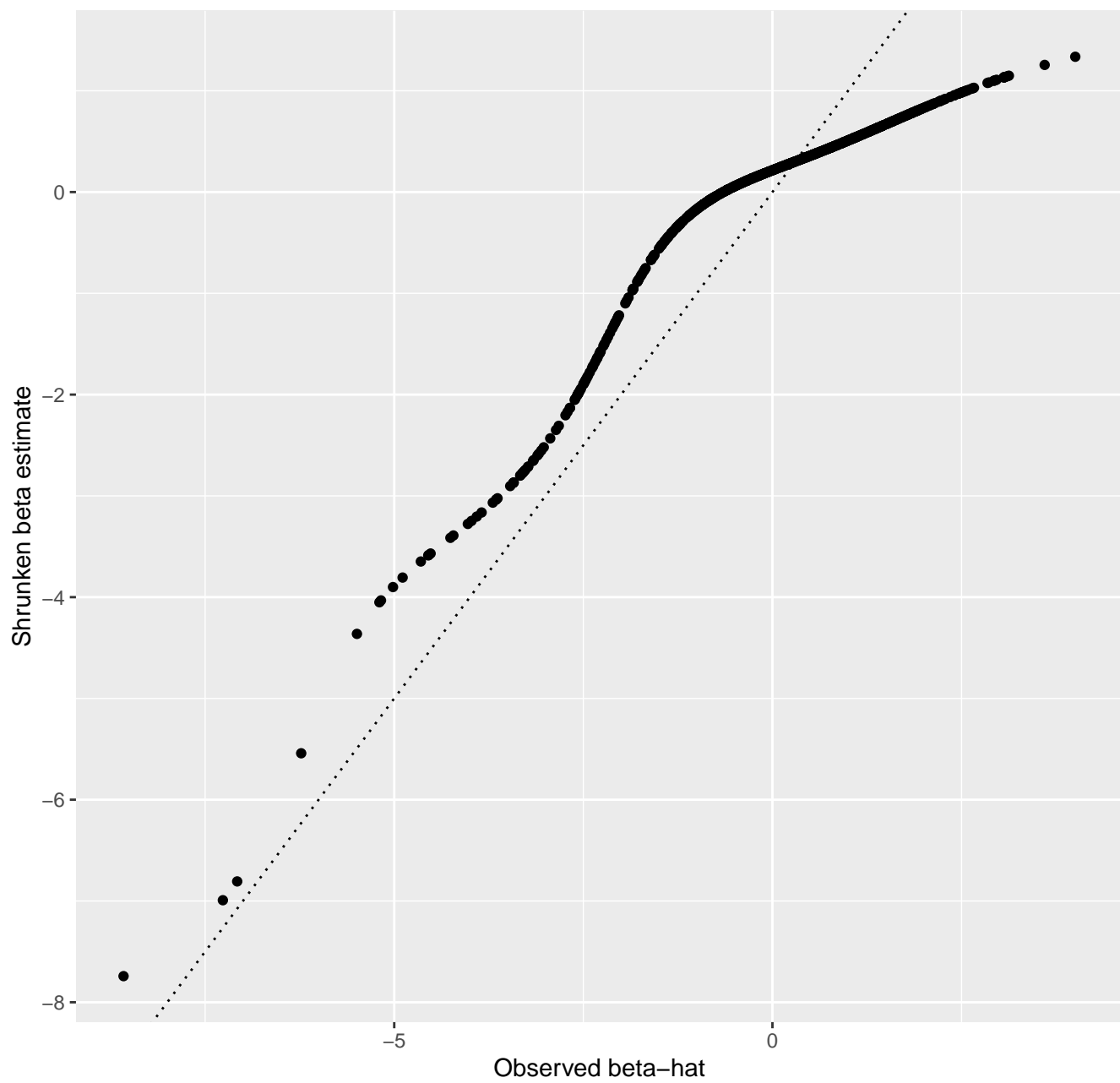




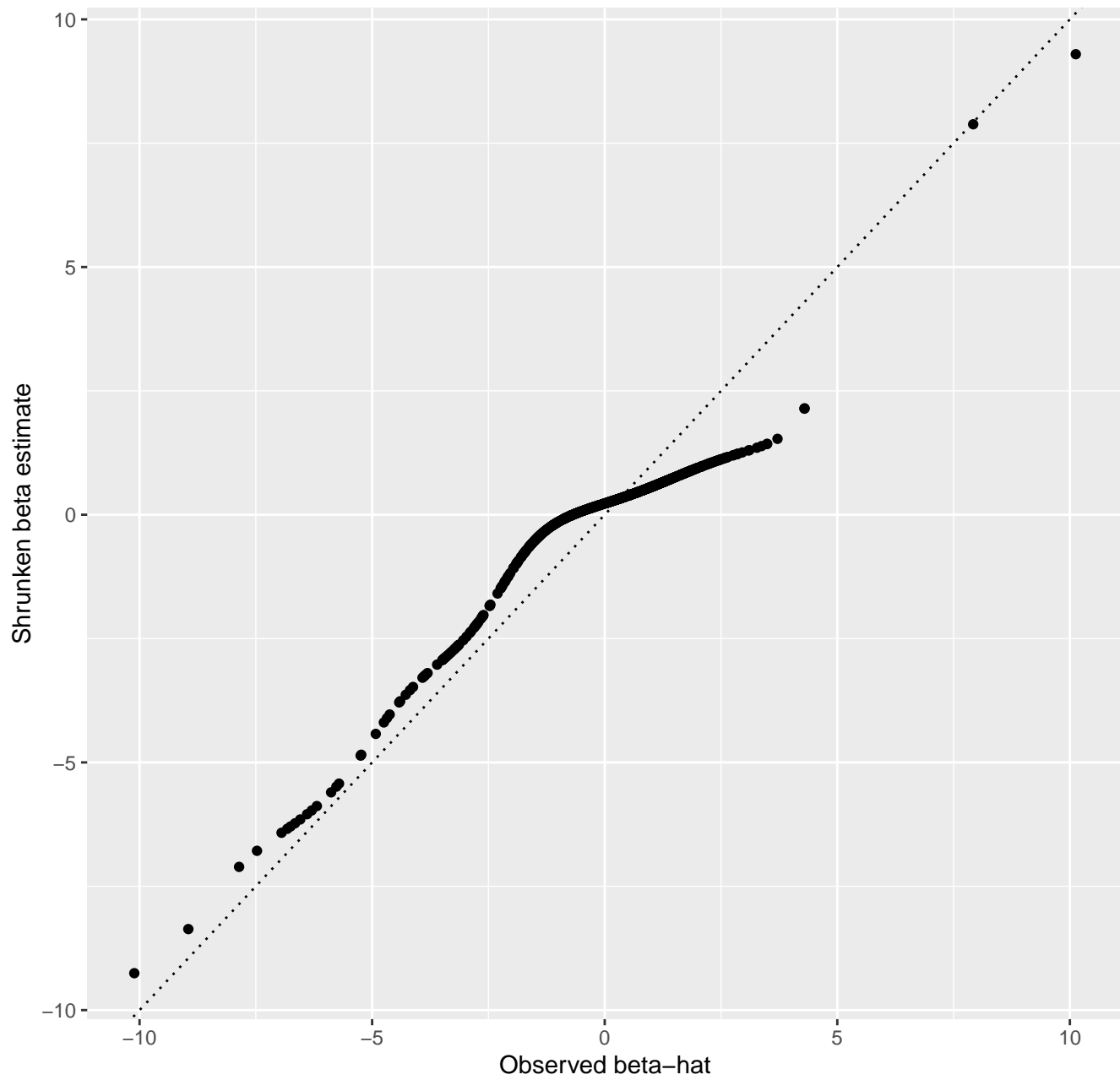
RAB6A\_(5870) positive



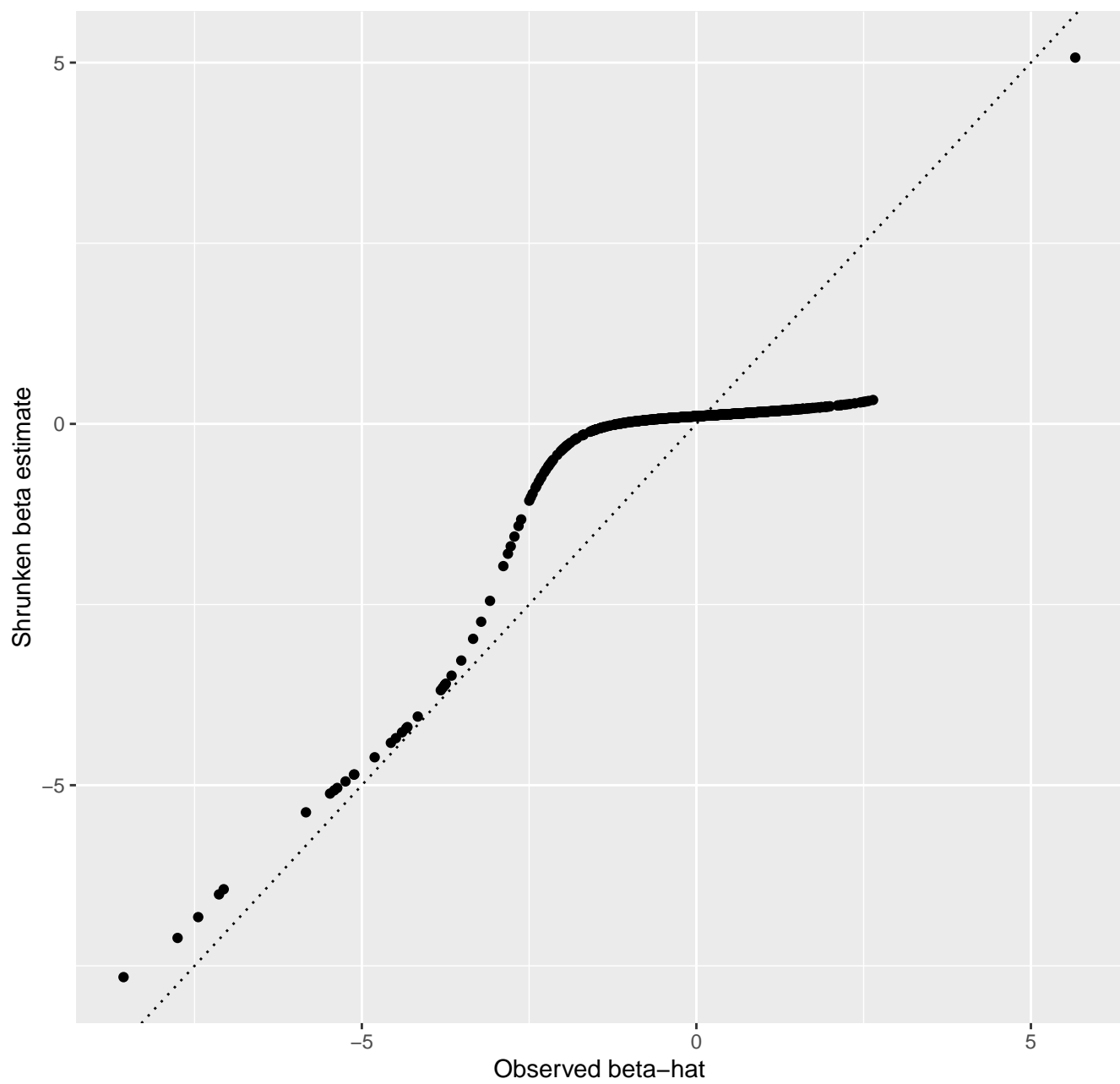
CLPB\_(81570) negative



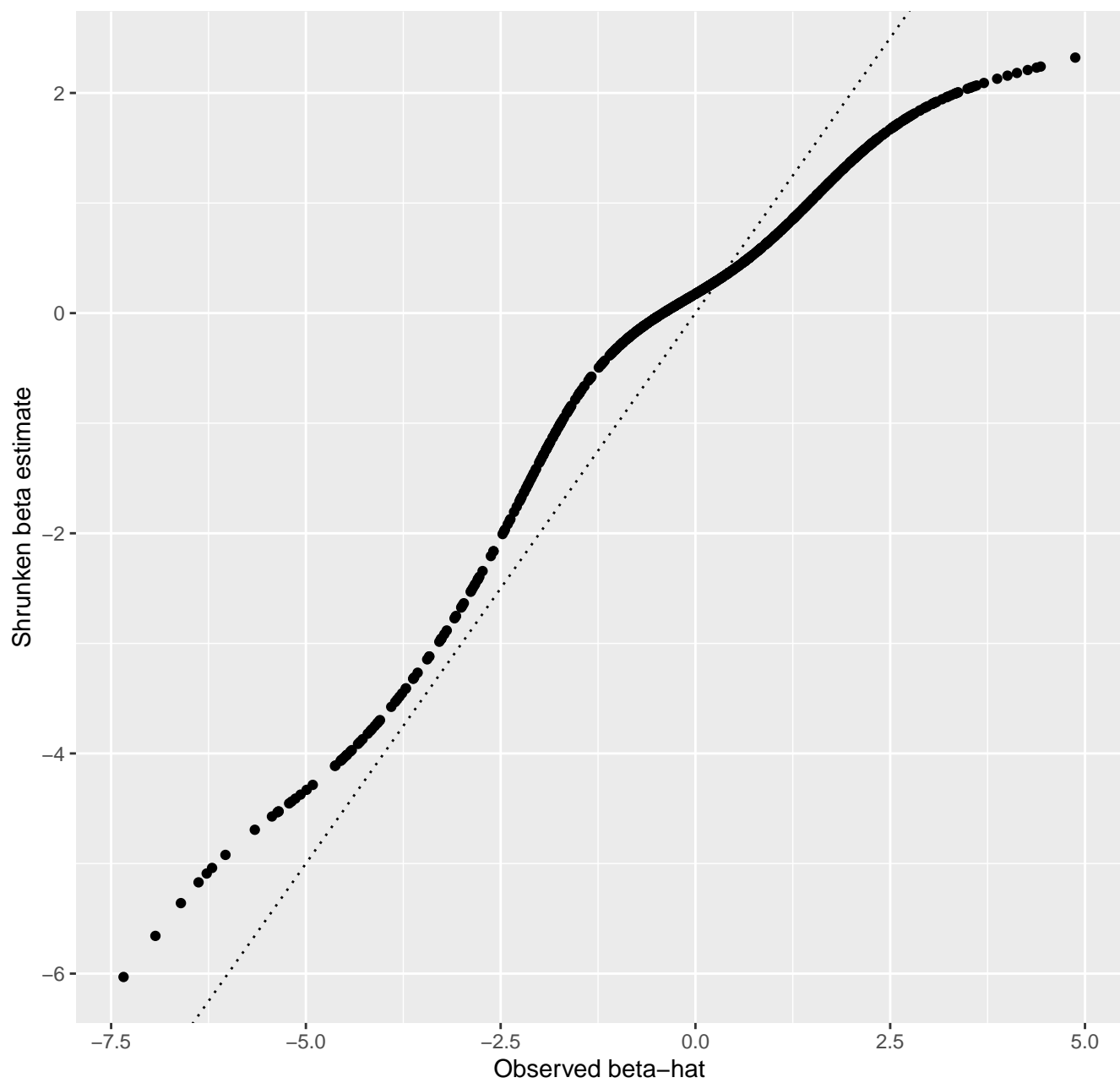
FADD\_(8772) negative



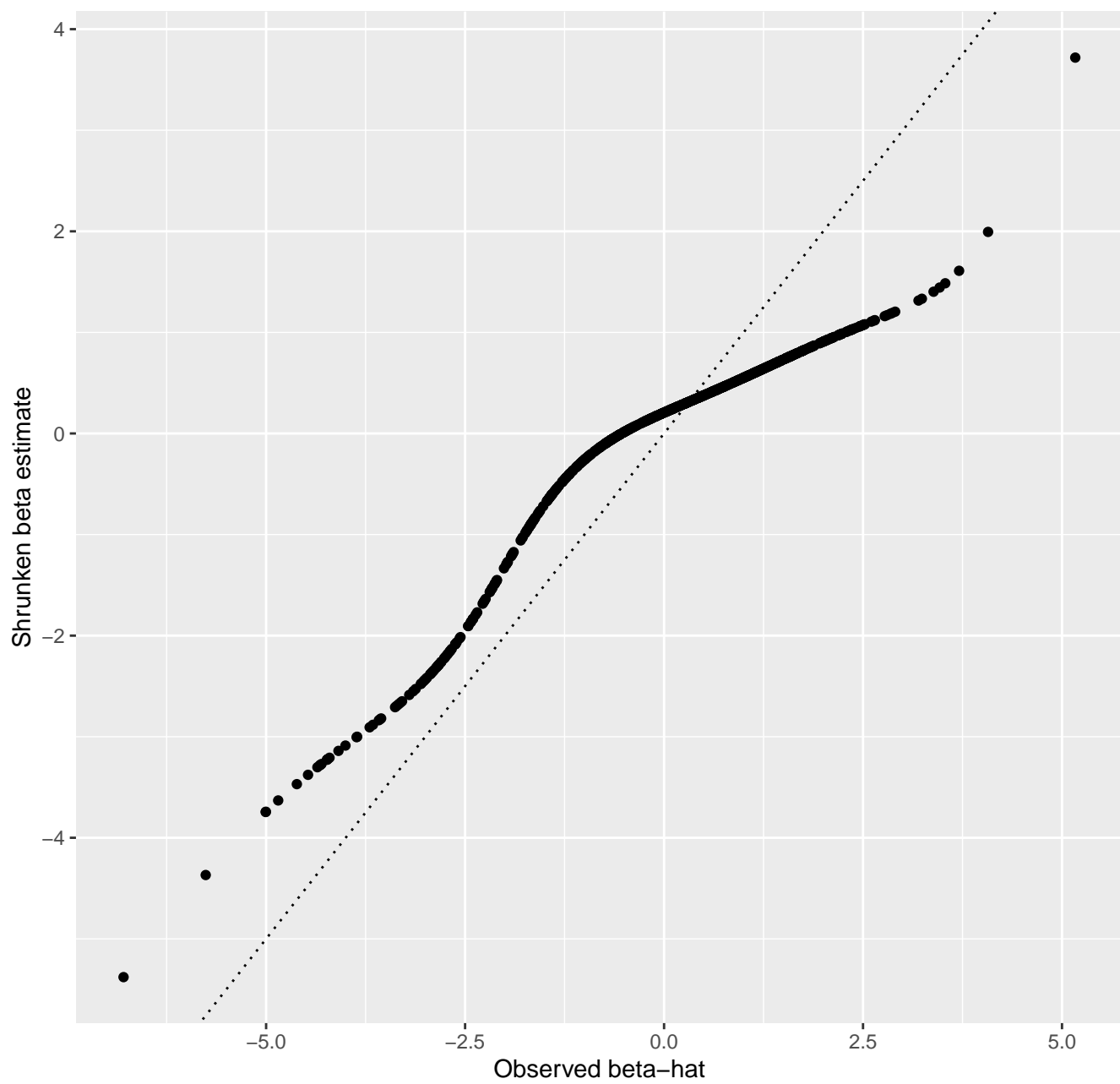
FOXA2\_(3170) negative



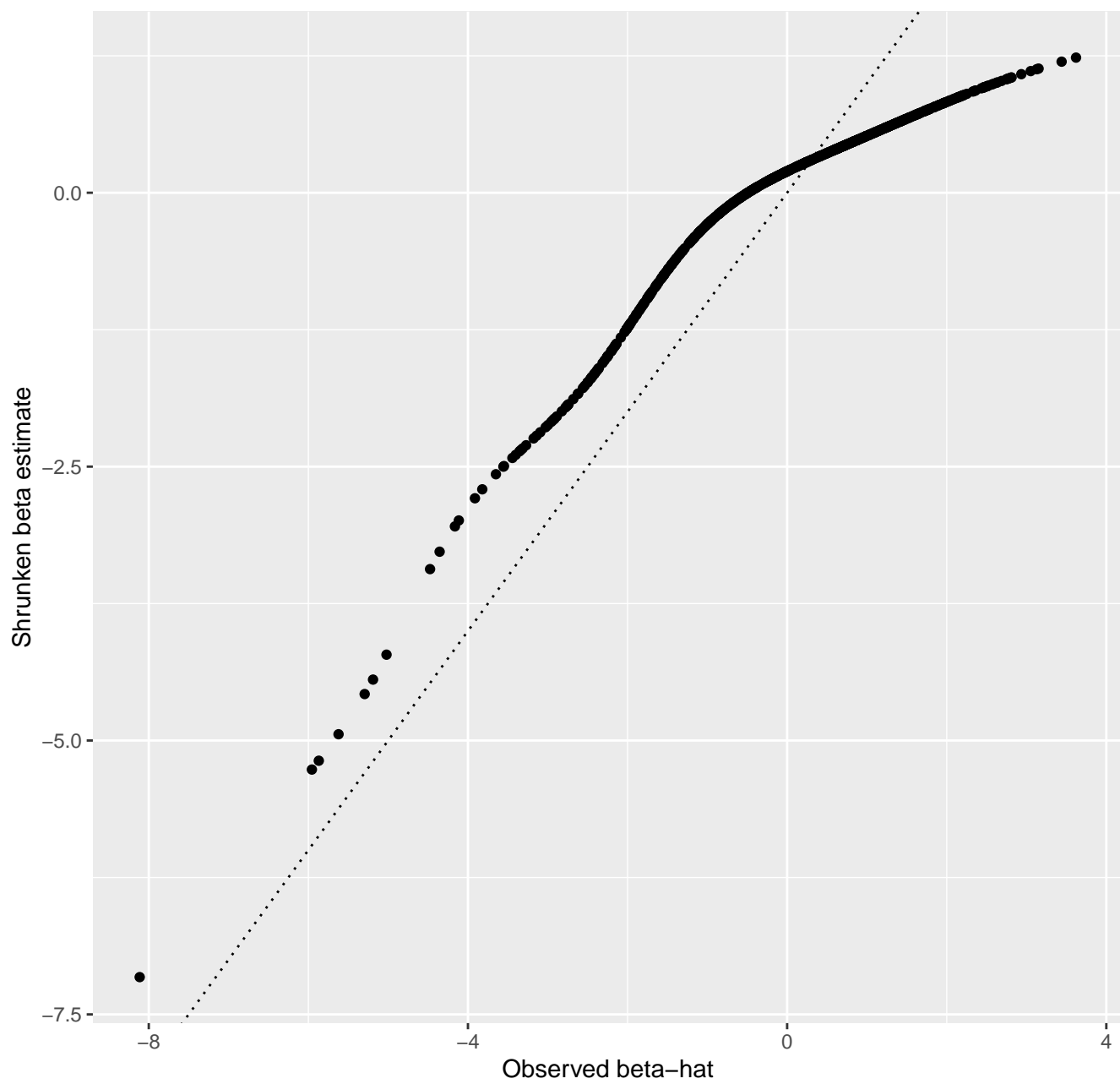
ARMC5\_(79798) negative



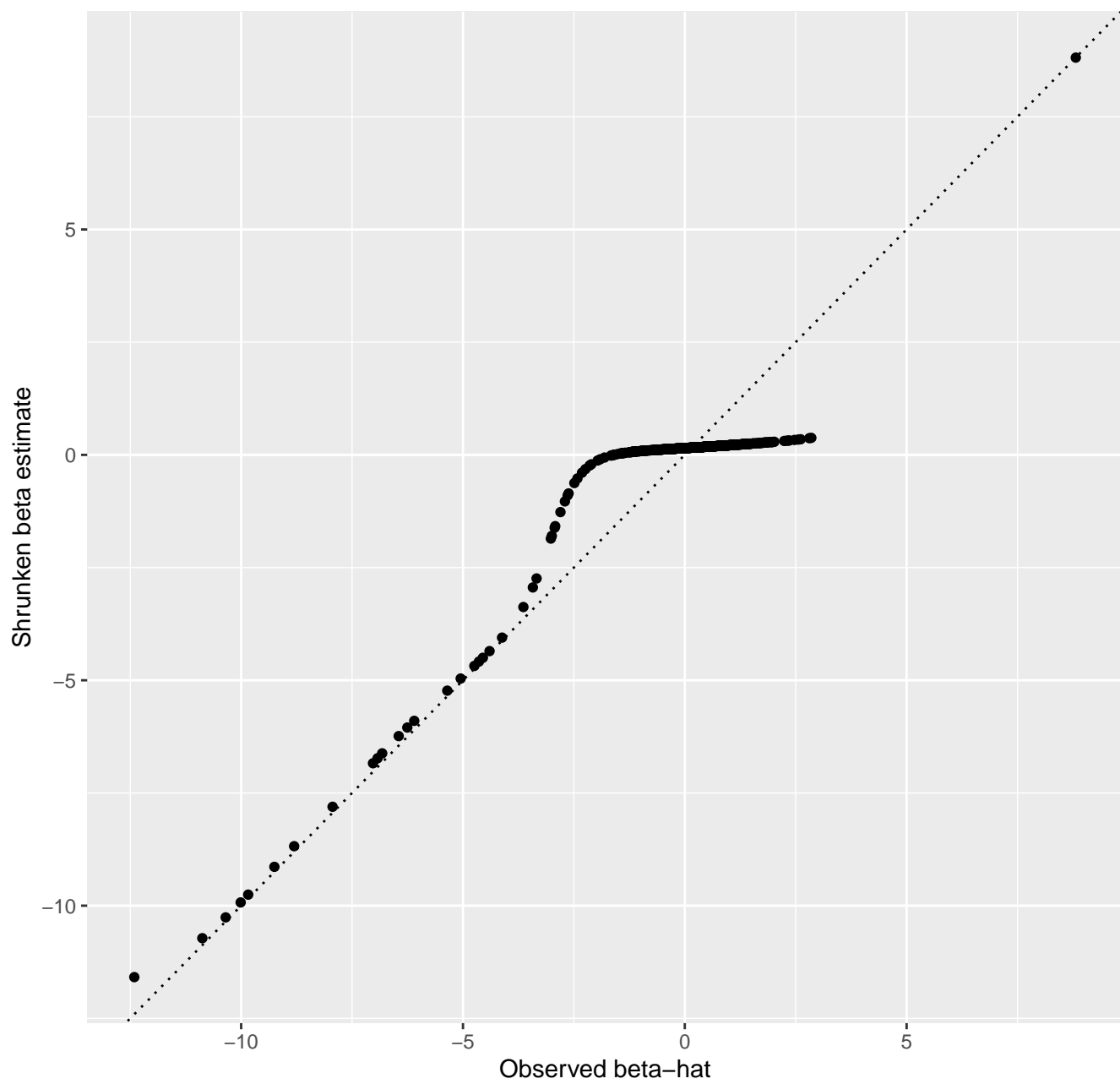
SLC38A2\_(54407) negative



IREB2\_(3658) negative

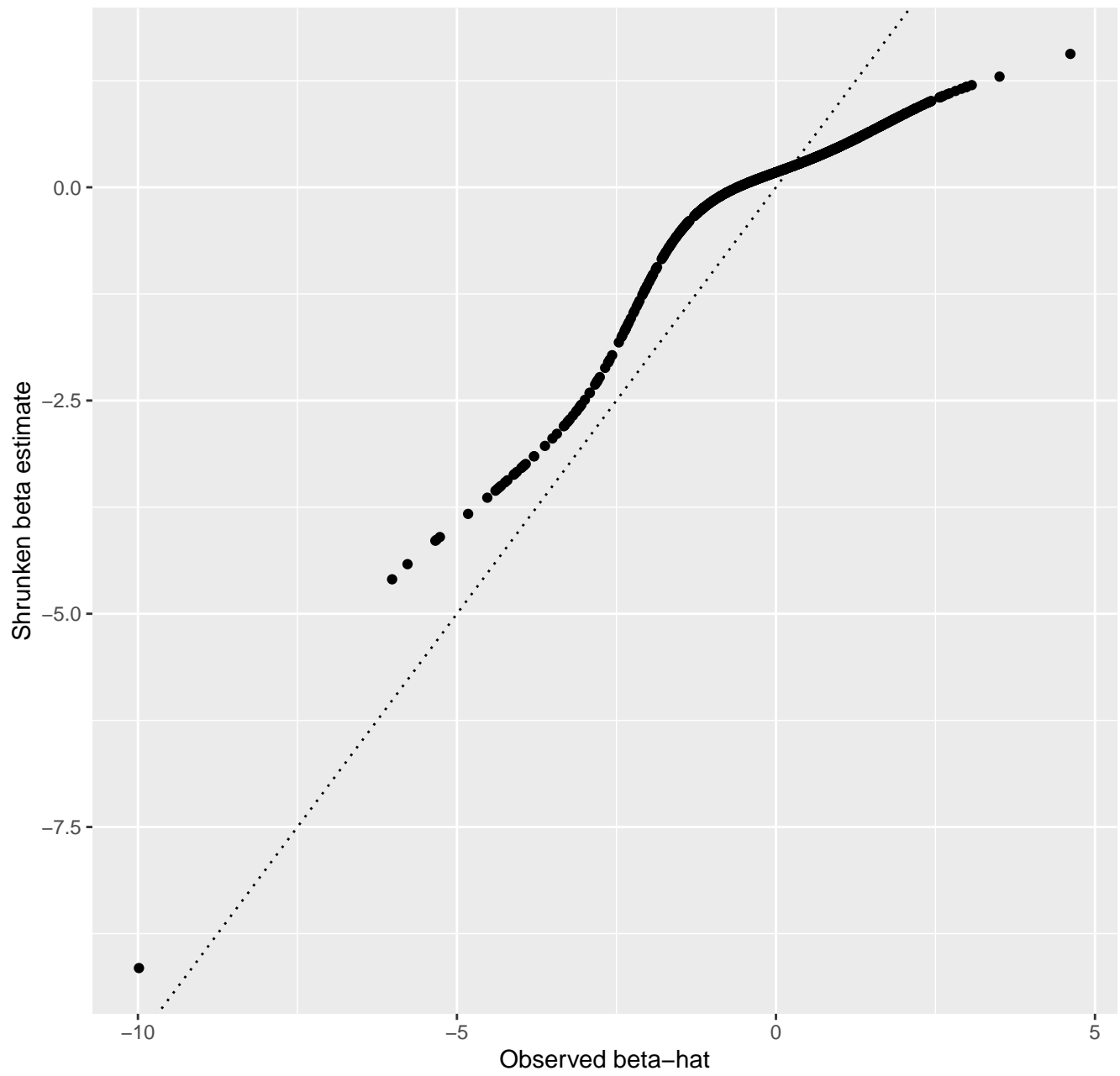


MEF2C\_(4208) negative

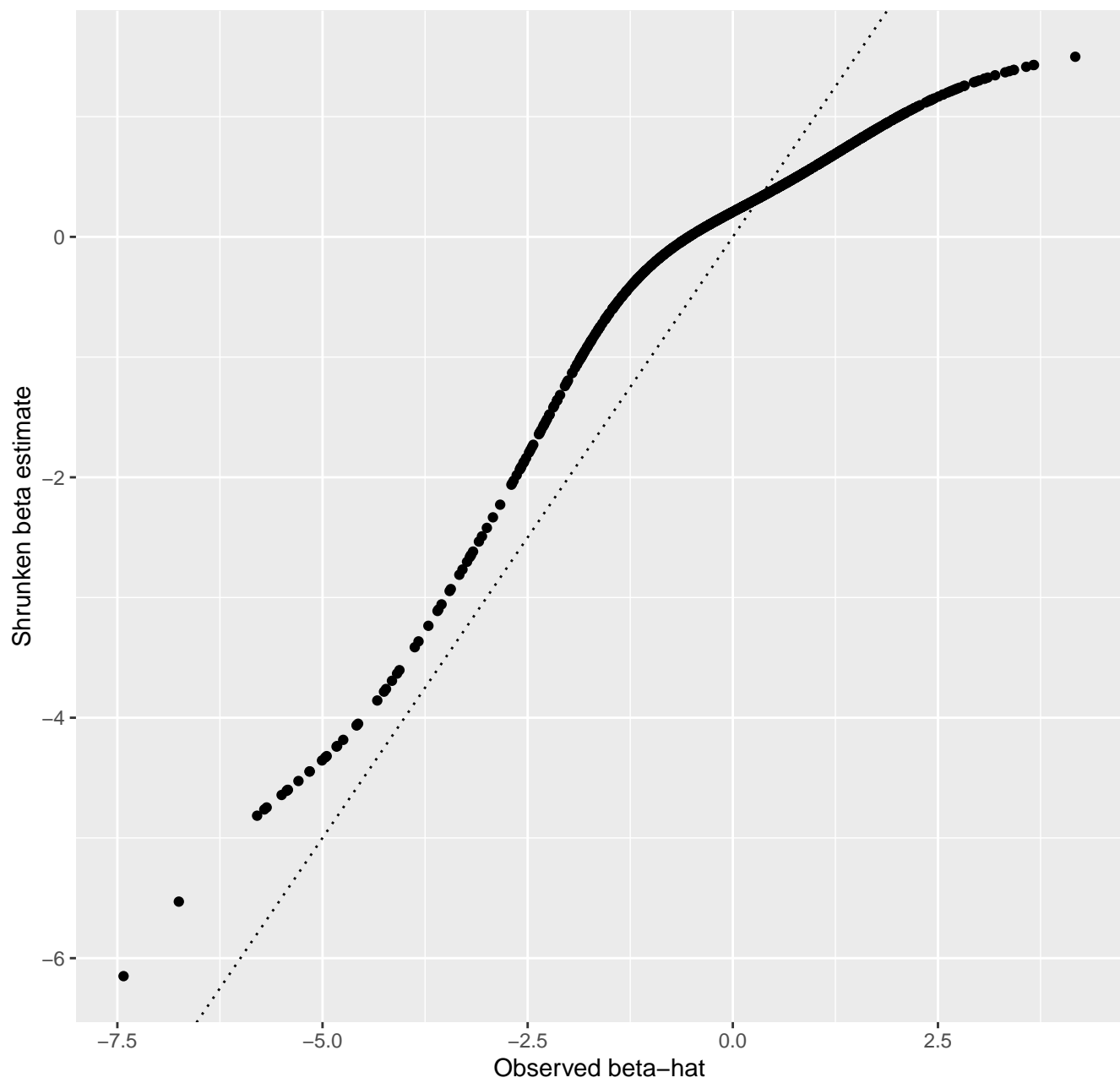




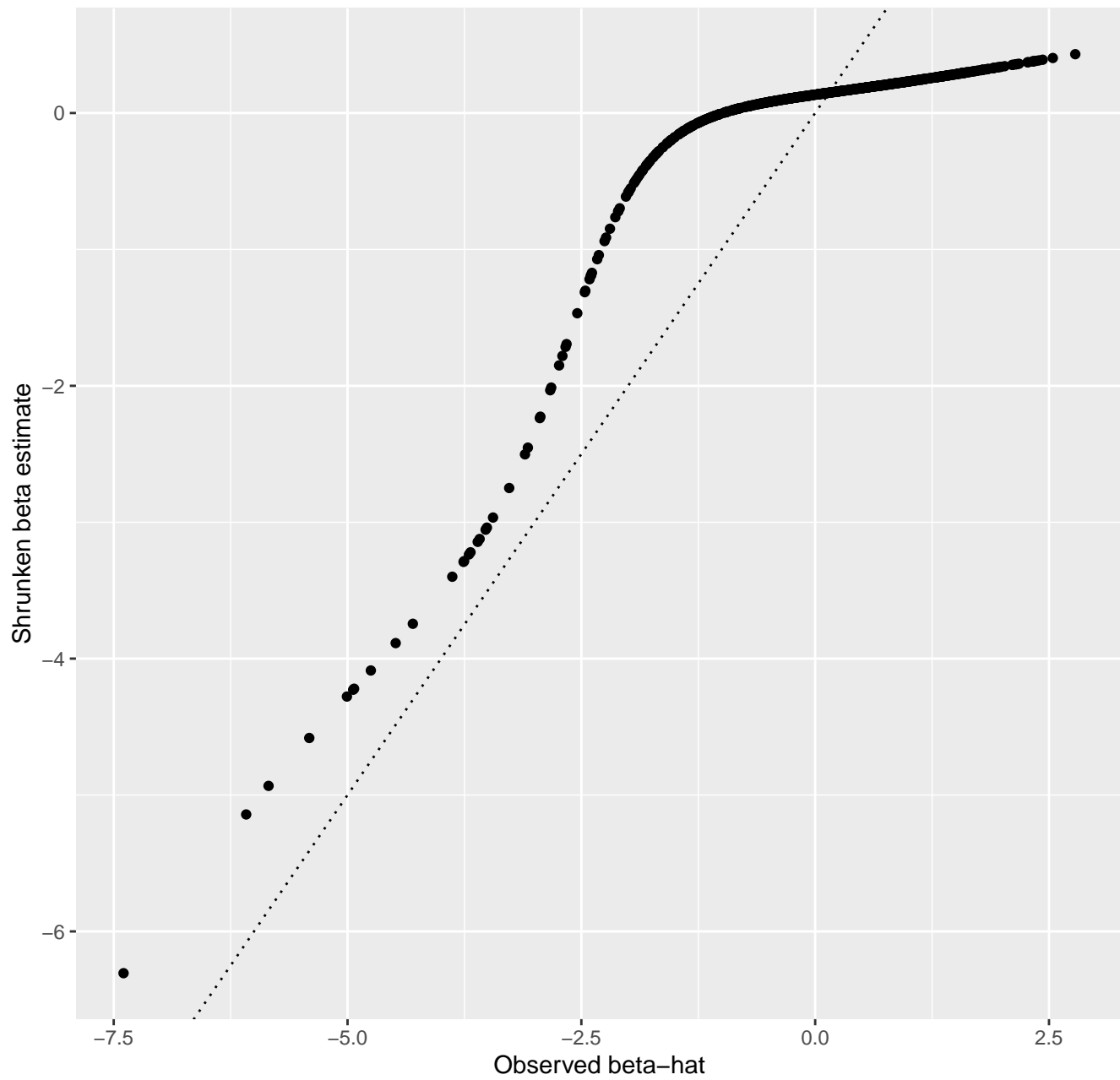
UBE3D\_(90025) negative



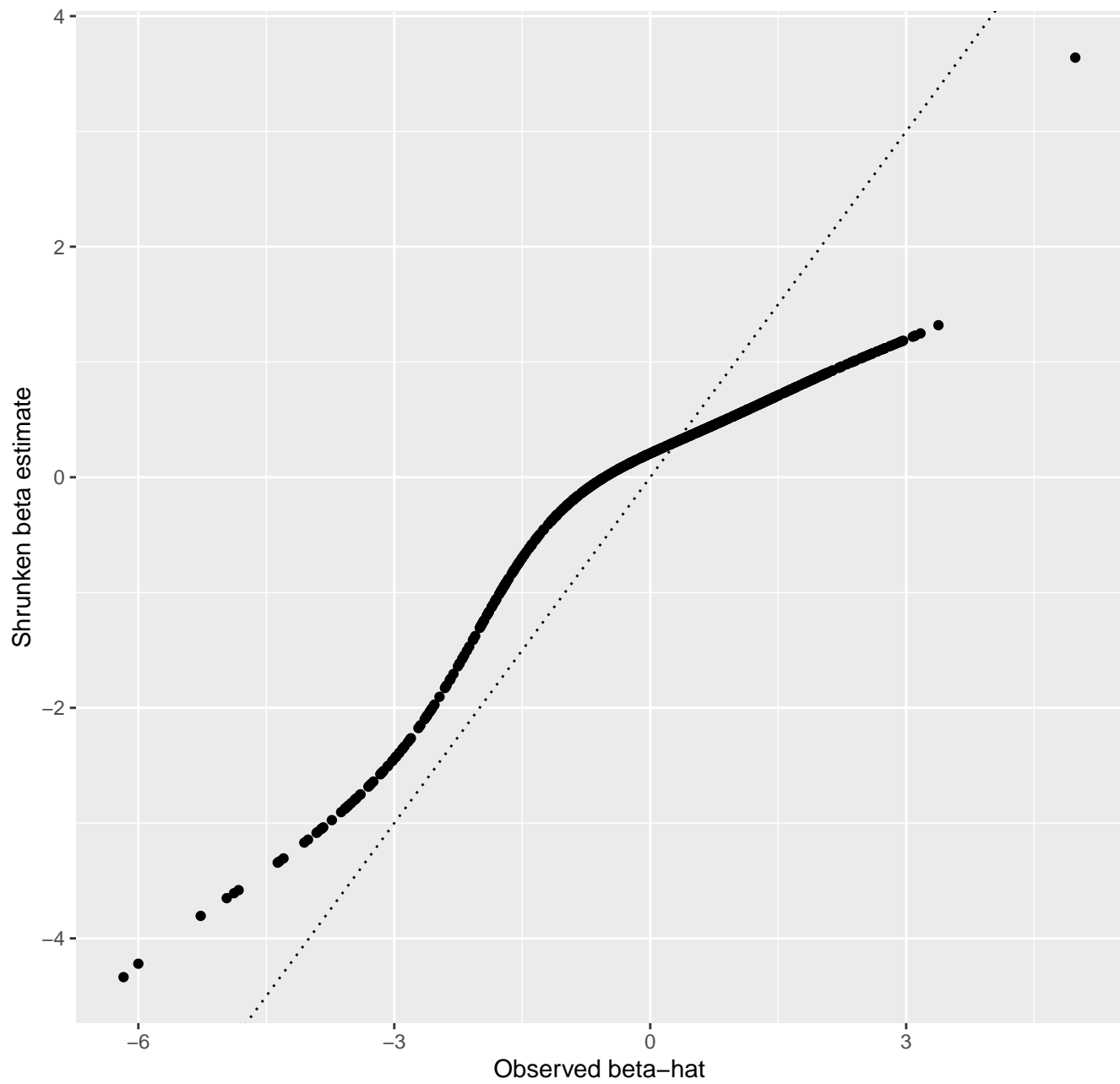
TRAPPC13\_(80006) negative



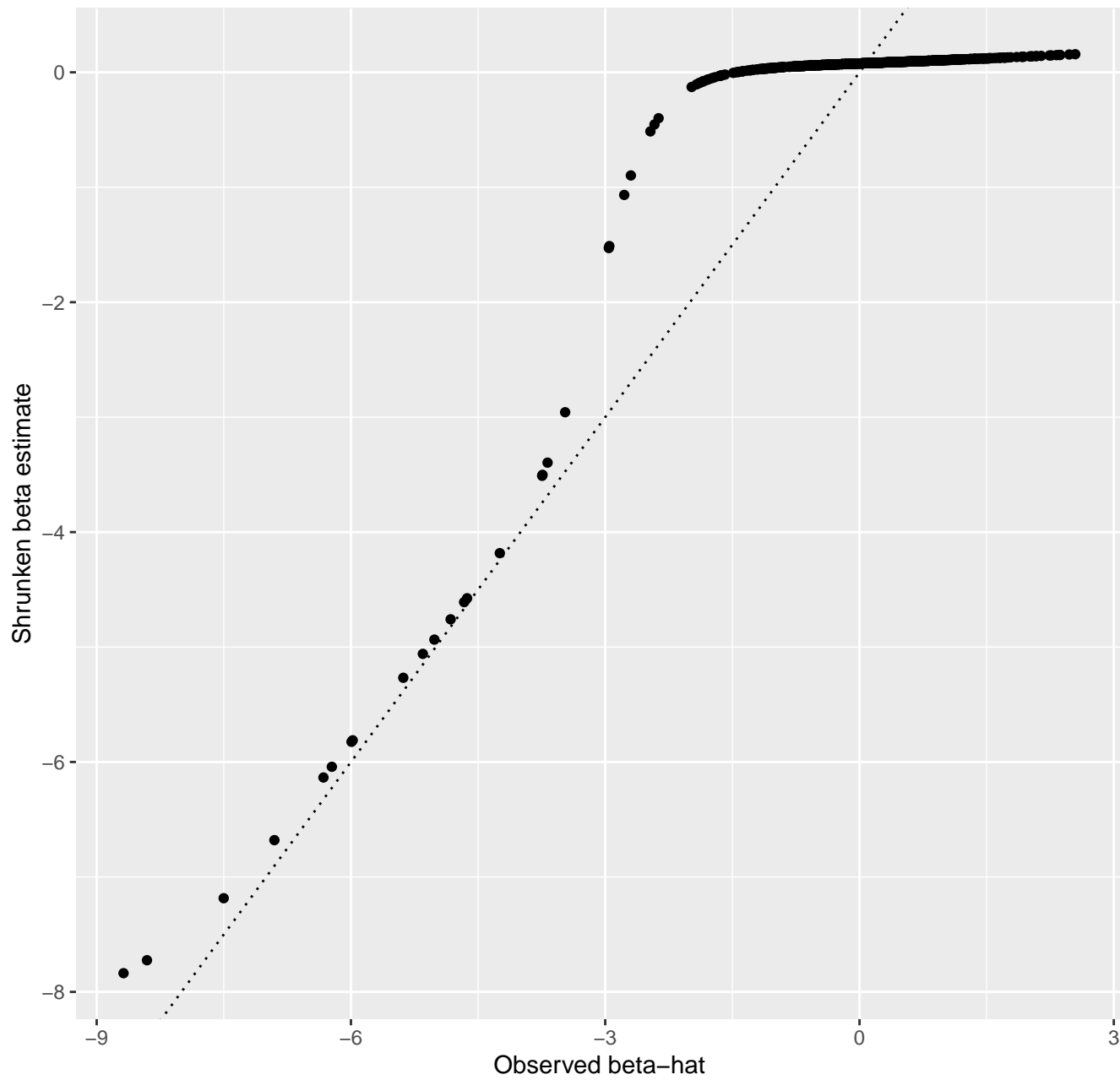
DERL1\_(79139) negative



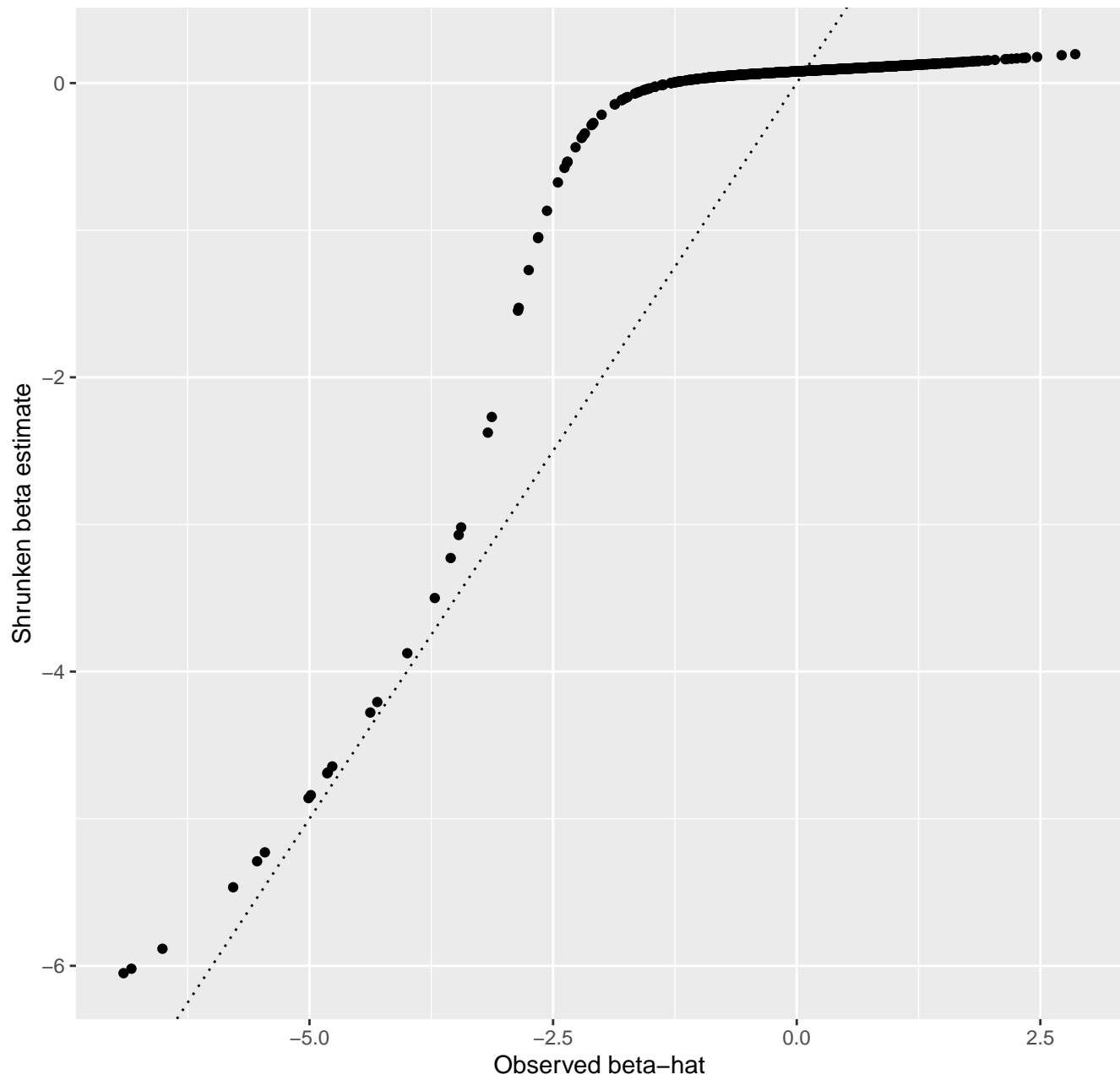
EXT2\_(2132) negative



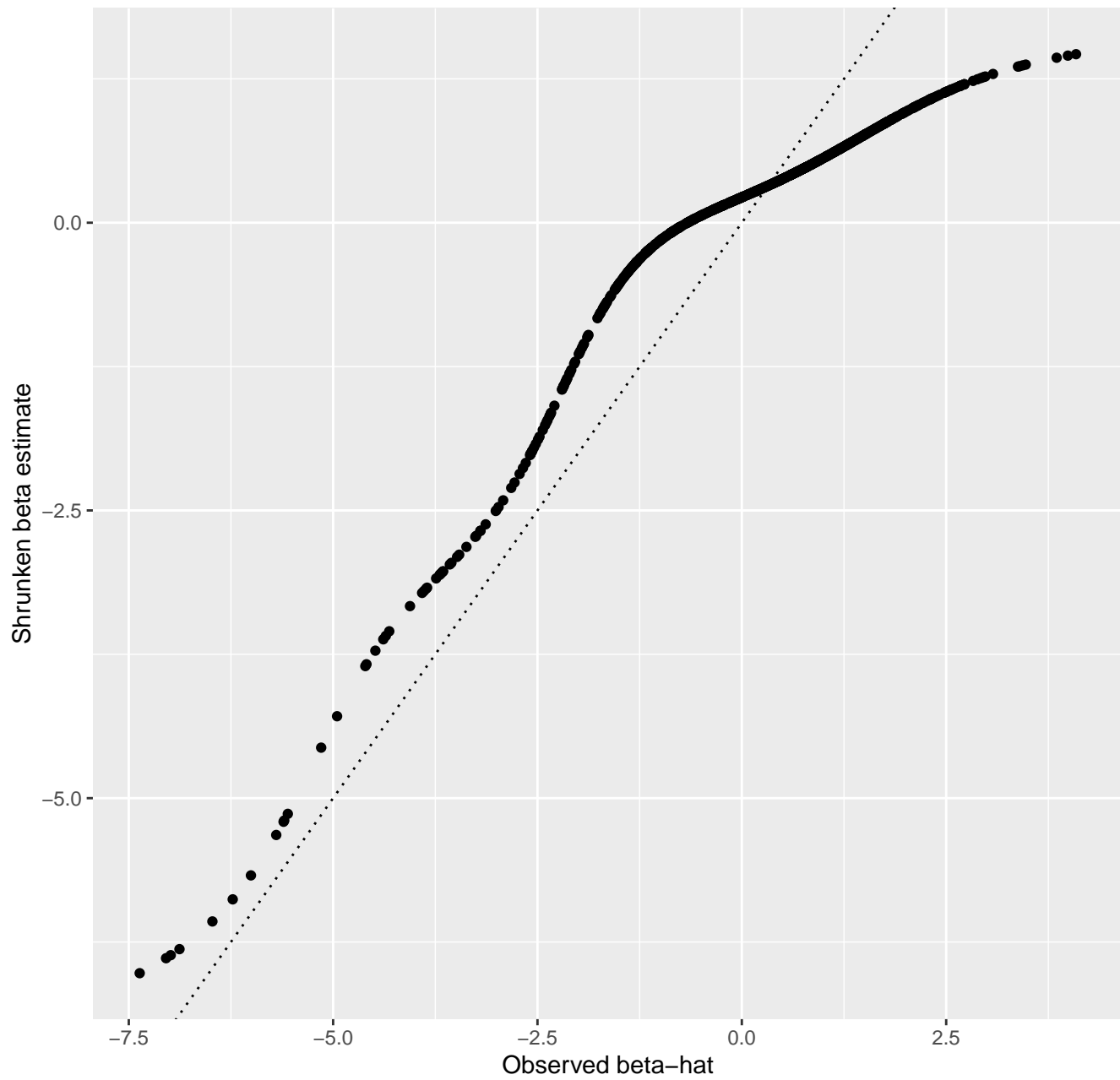
LMO2\_(4005) negative



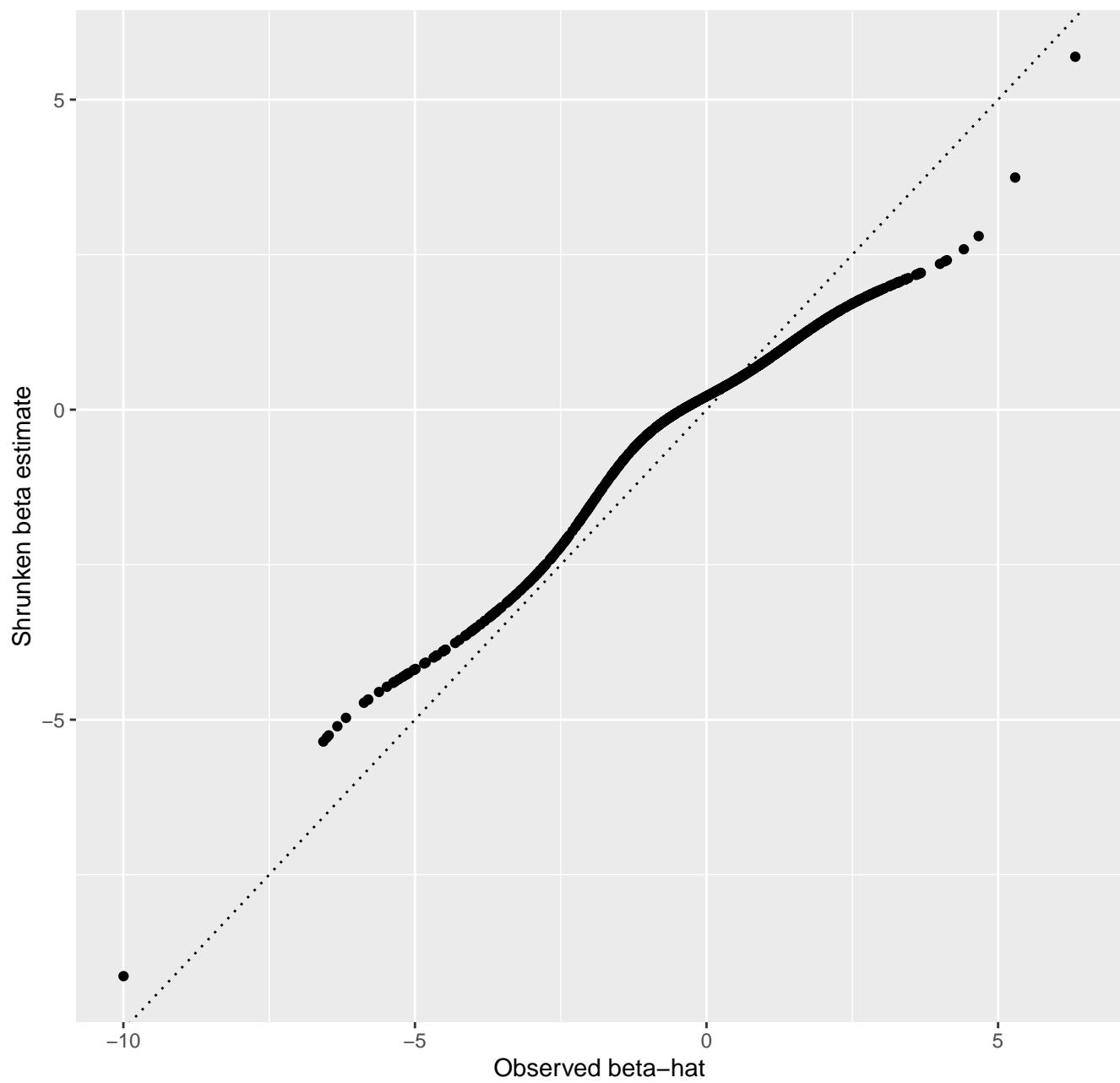
LRP8\_(7804) negative



MTF1\_(4520) negative

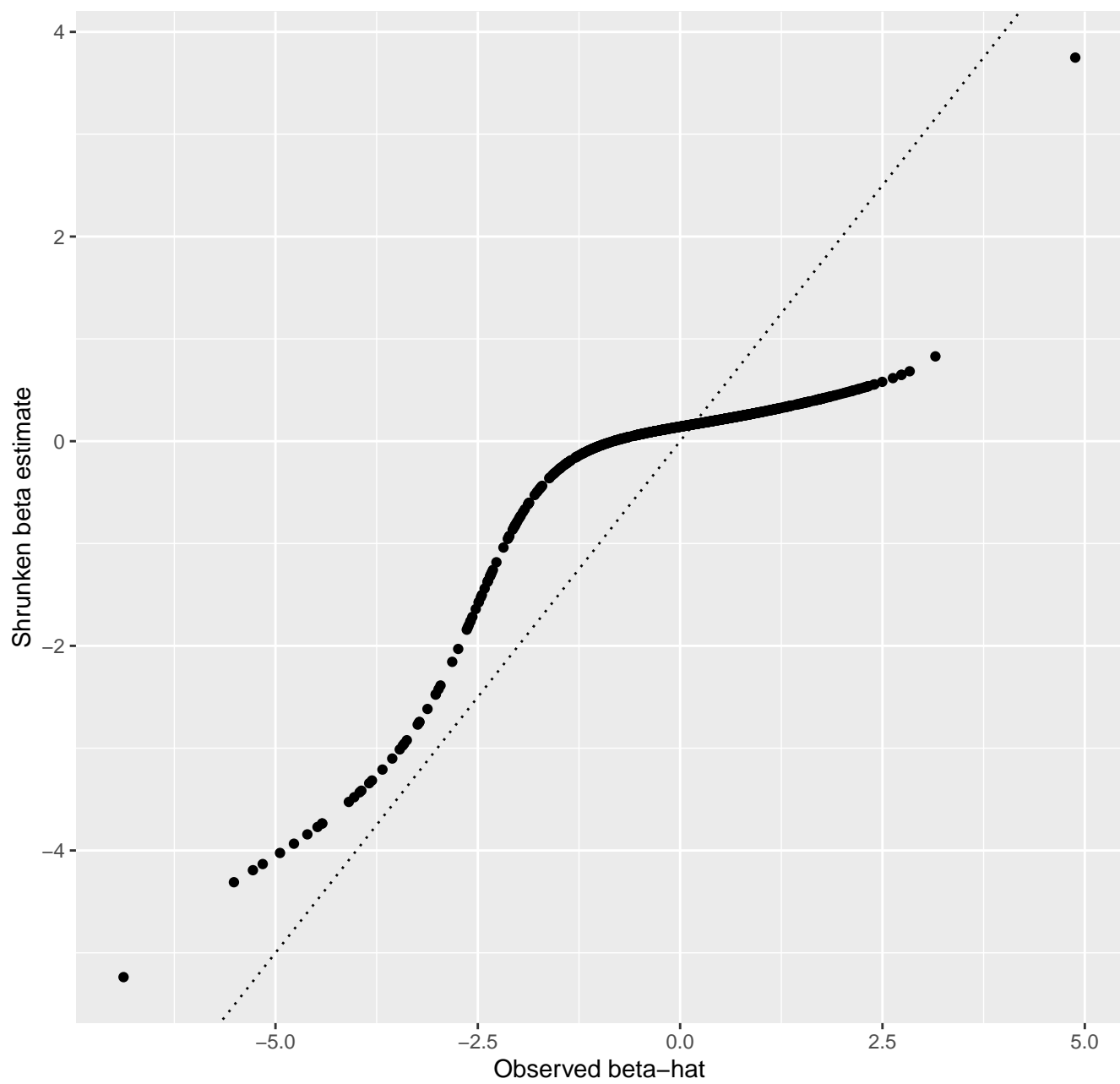


TEAD1\_(7003) negative

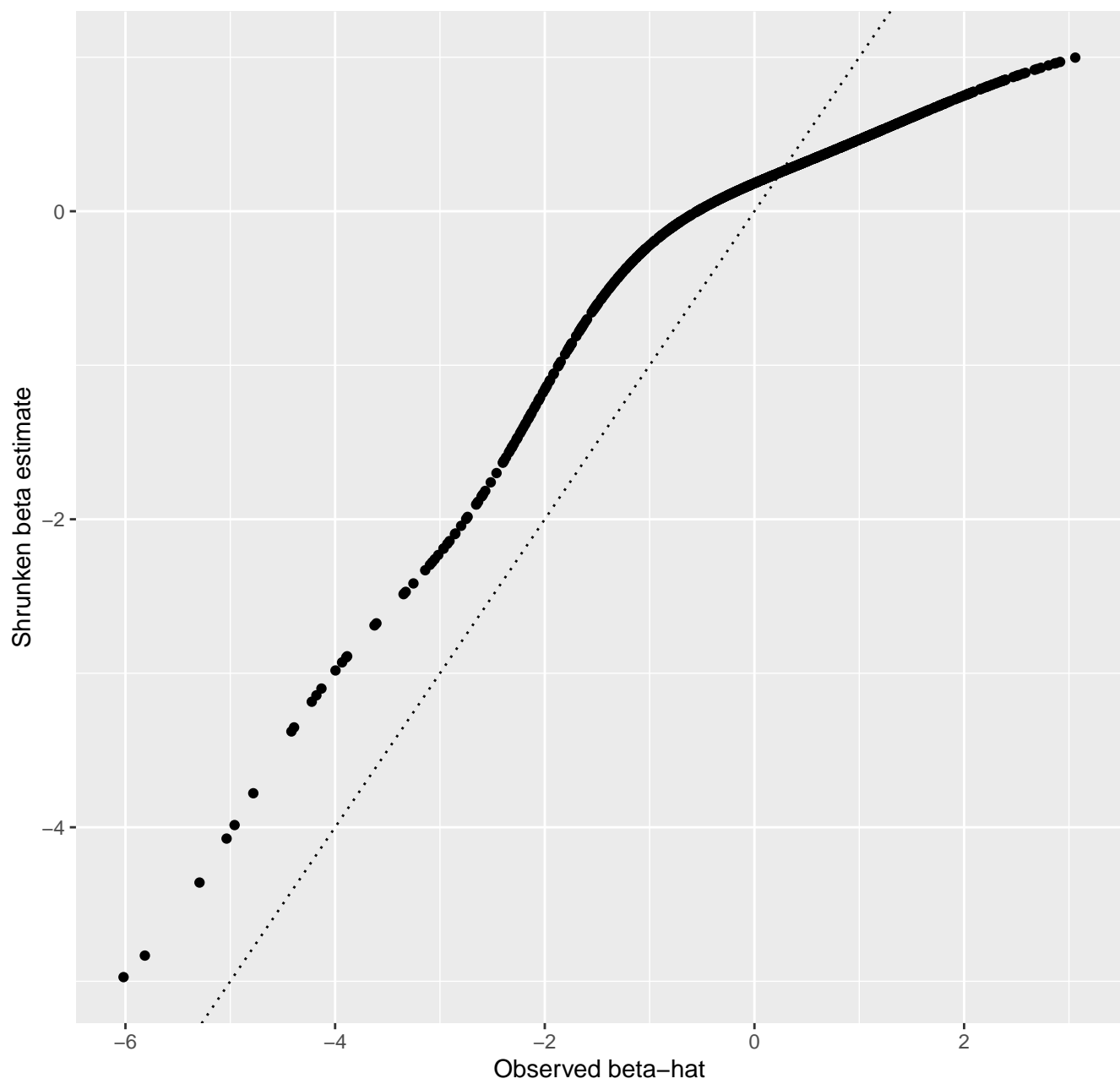




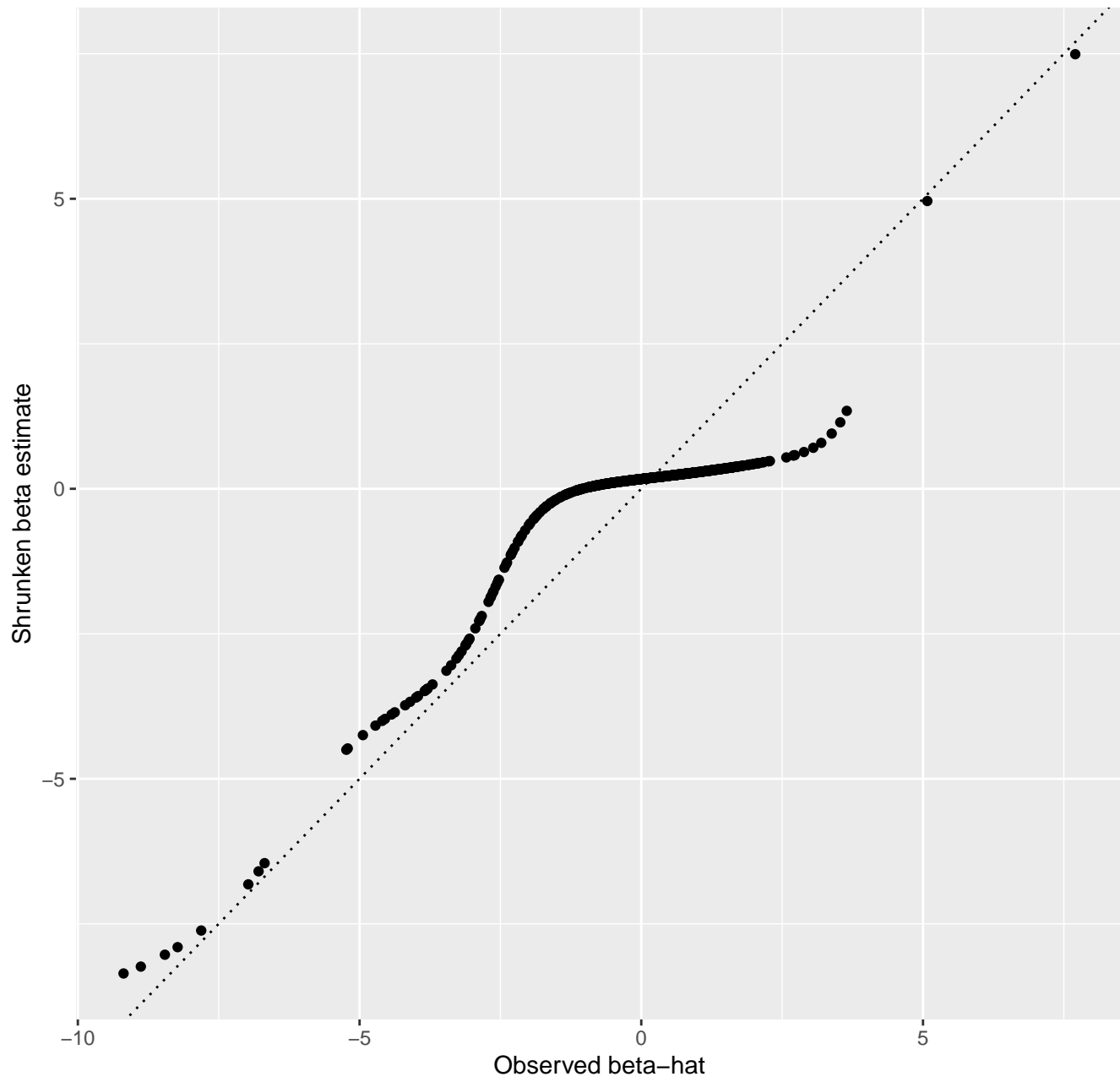
KIF2A\_(3796) negative



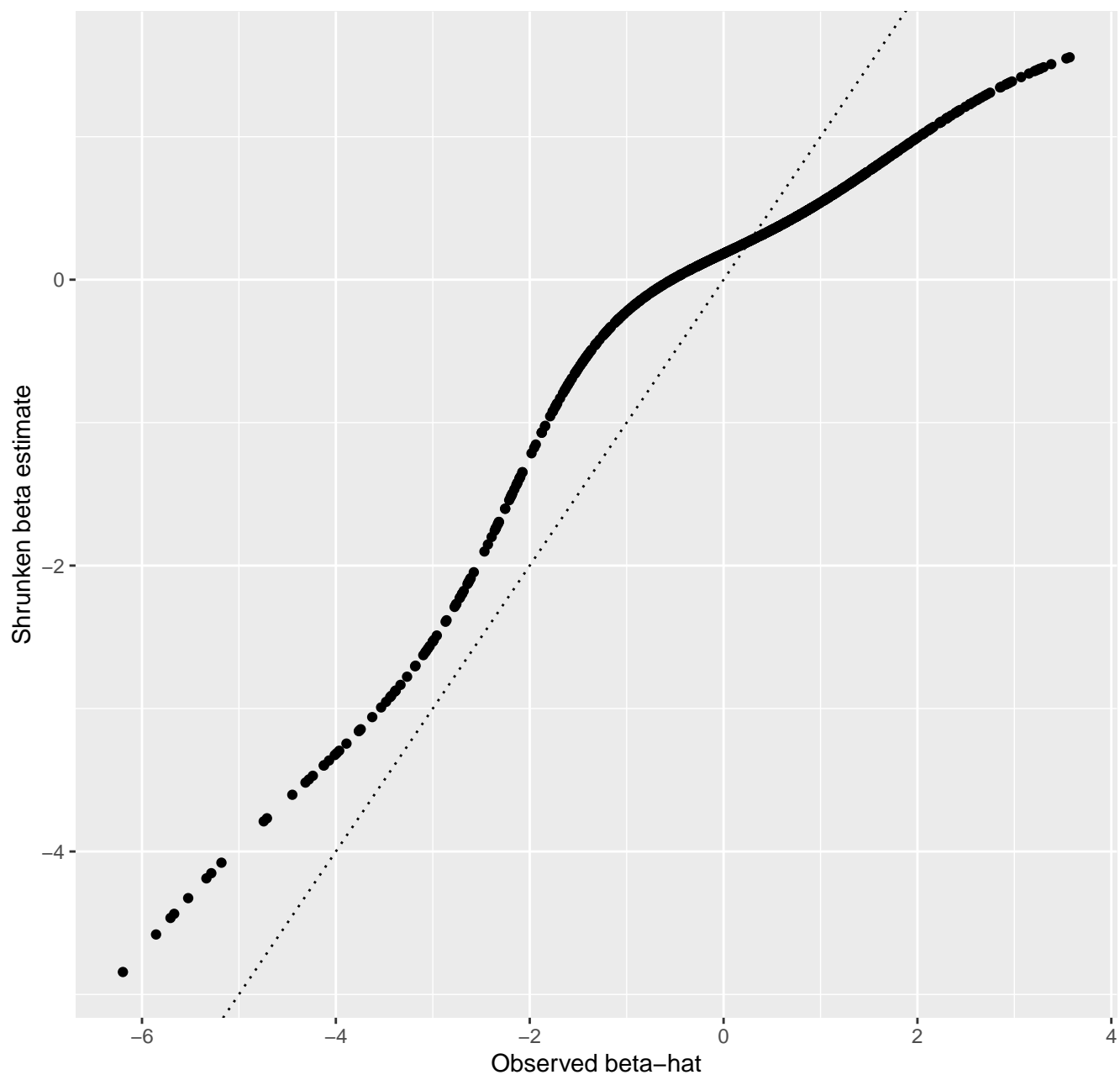
ZNF511\_(118472) negative



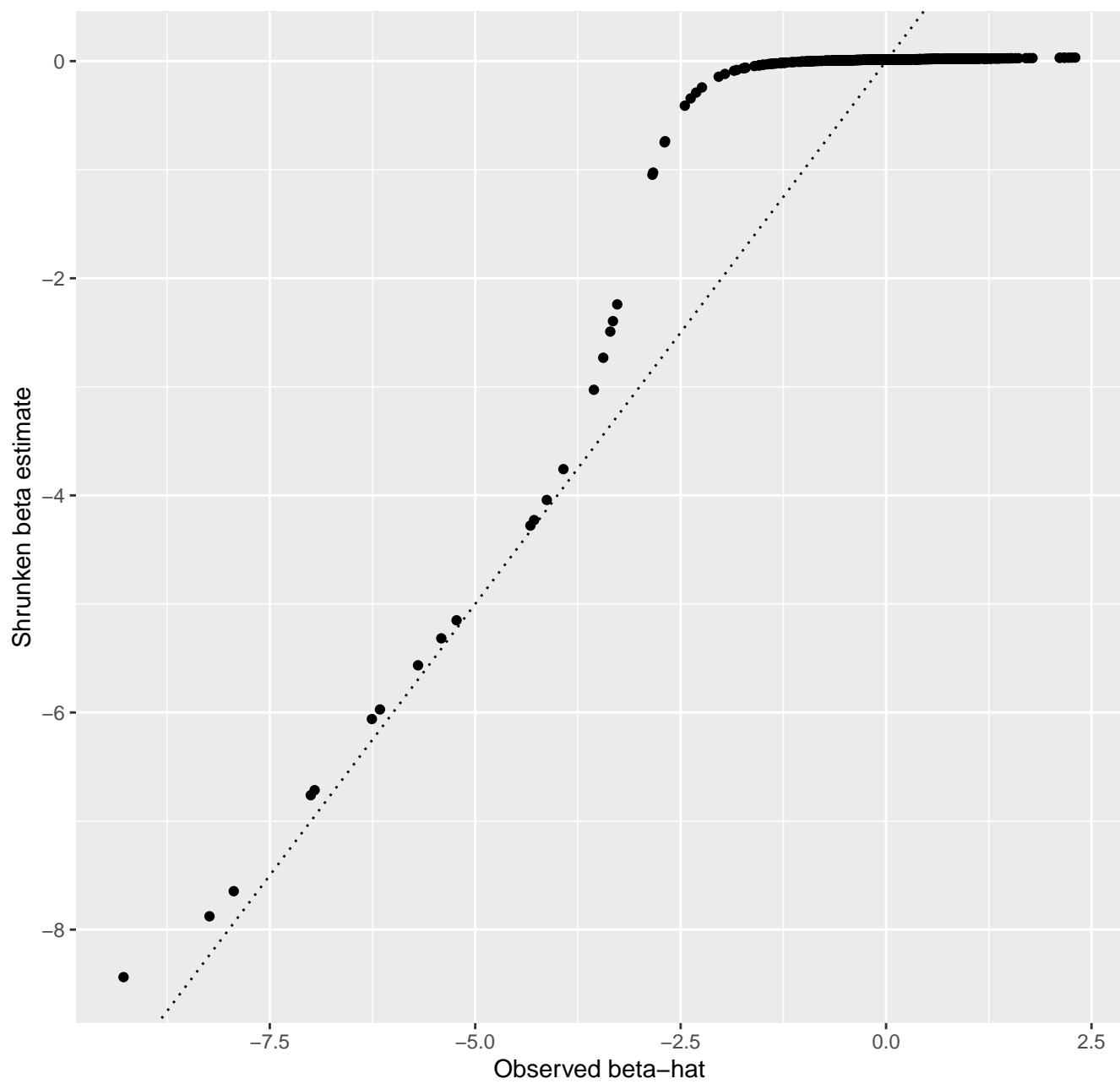
SMCHD1\_(23347) negative



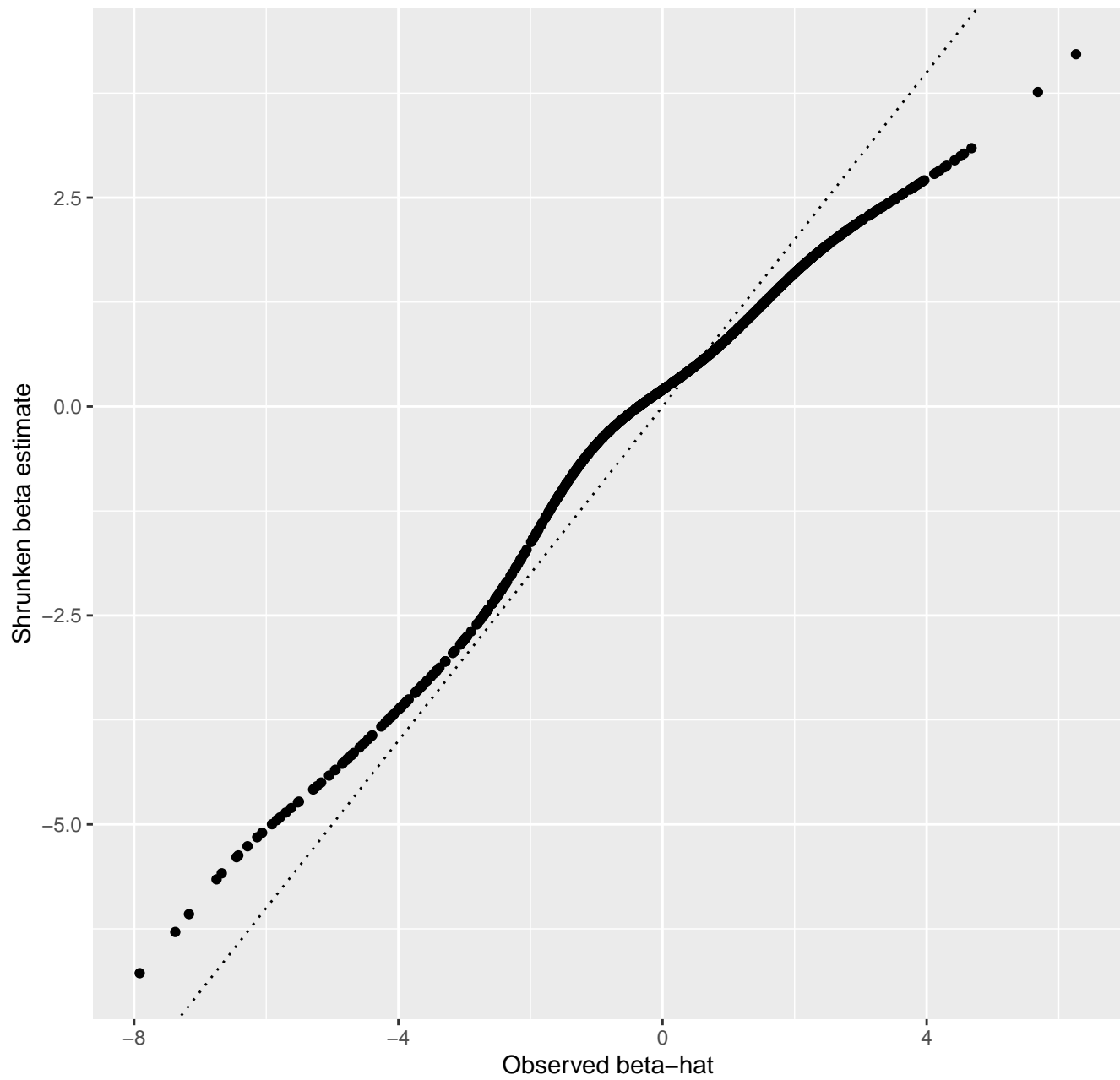
PPM1D\_(8493) negative



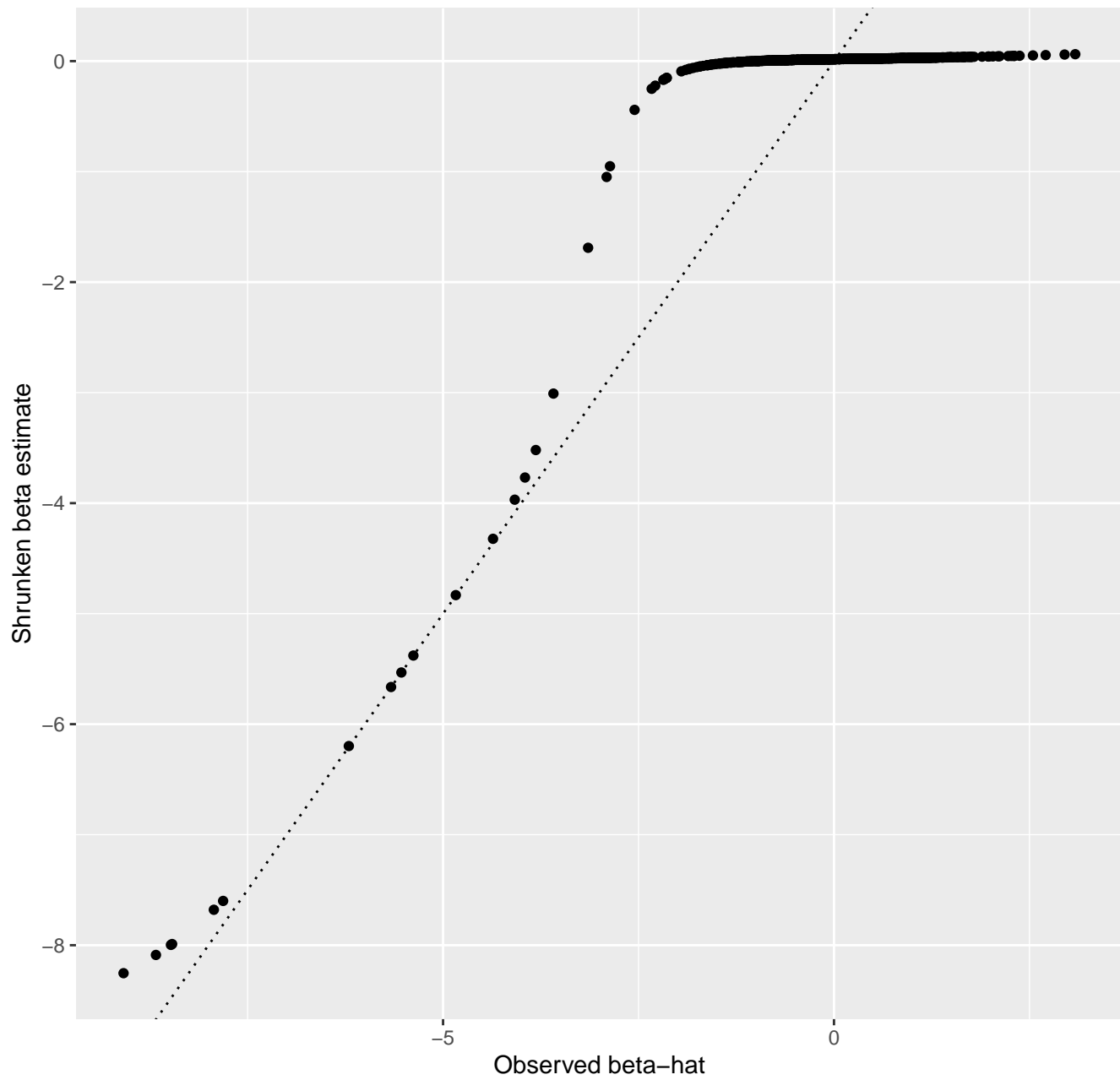
FAM126B\_(285172) negative



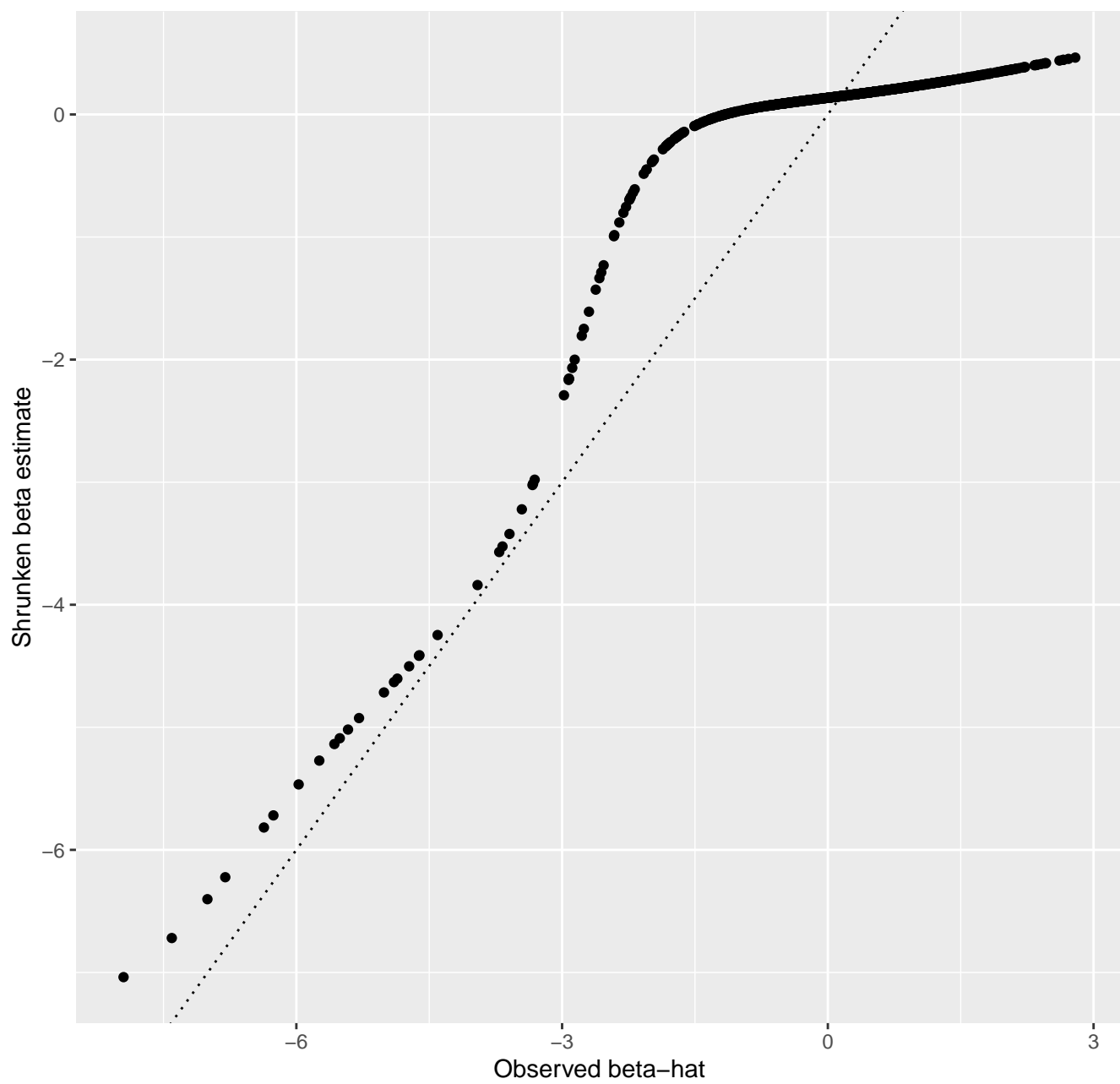
ARHGEF7\_(8874) negative



ISL1\_(3670) negative

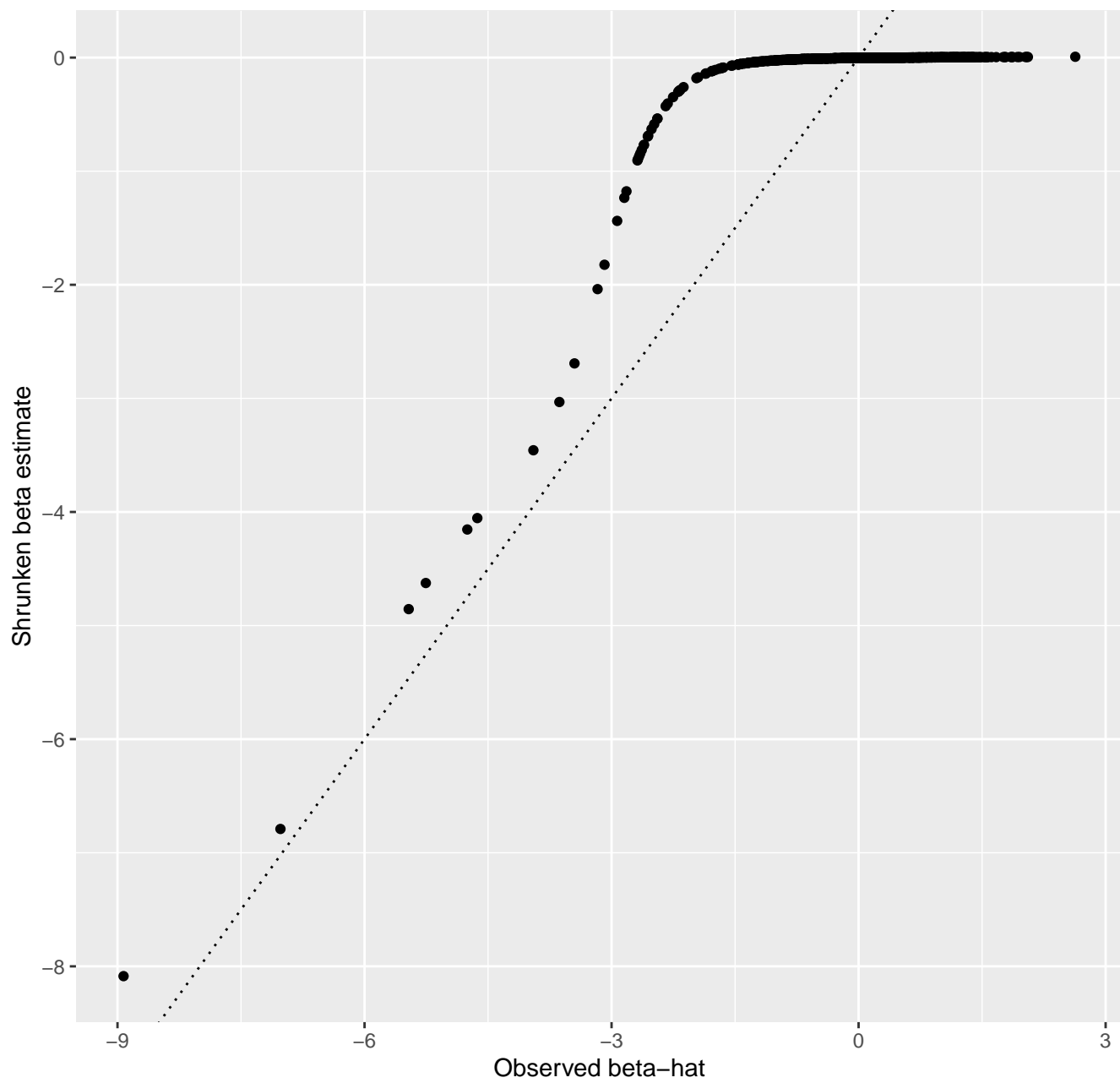


GATA3\_(2625) negative

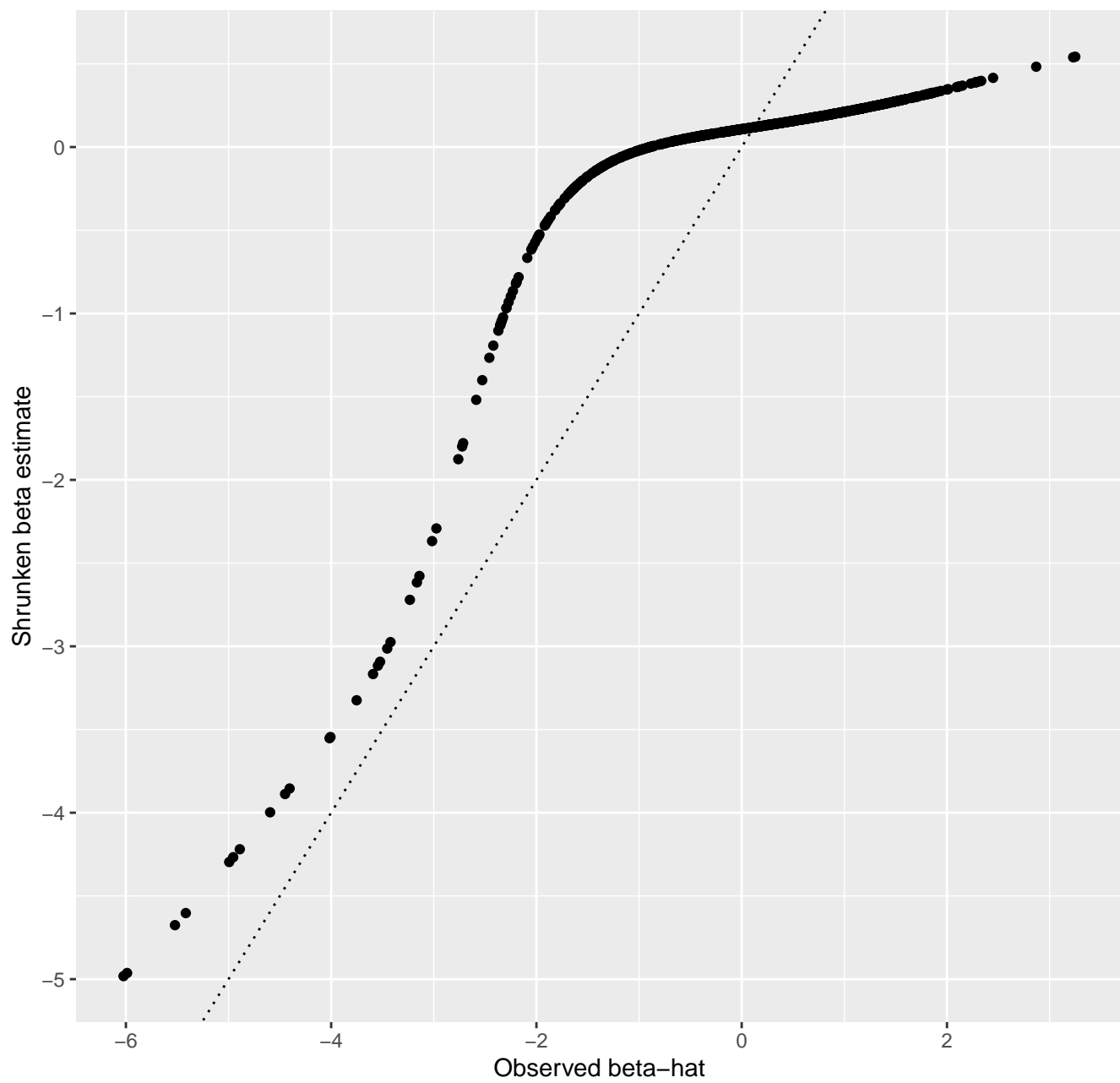




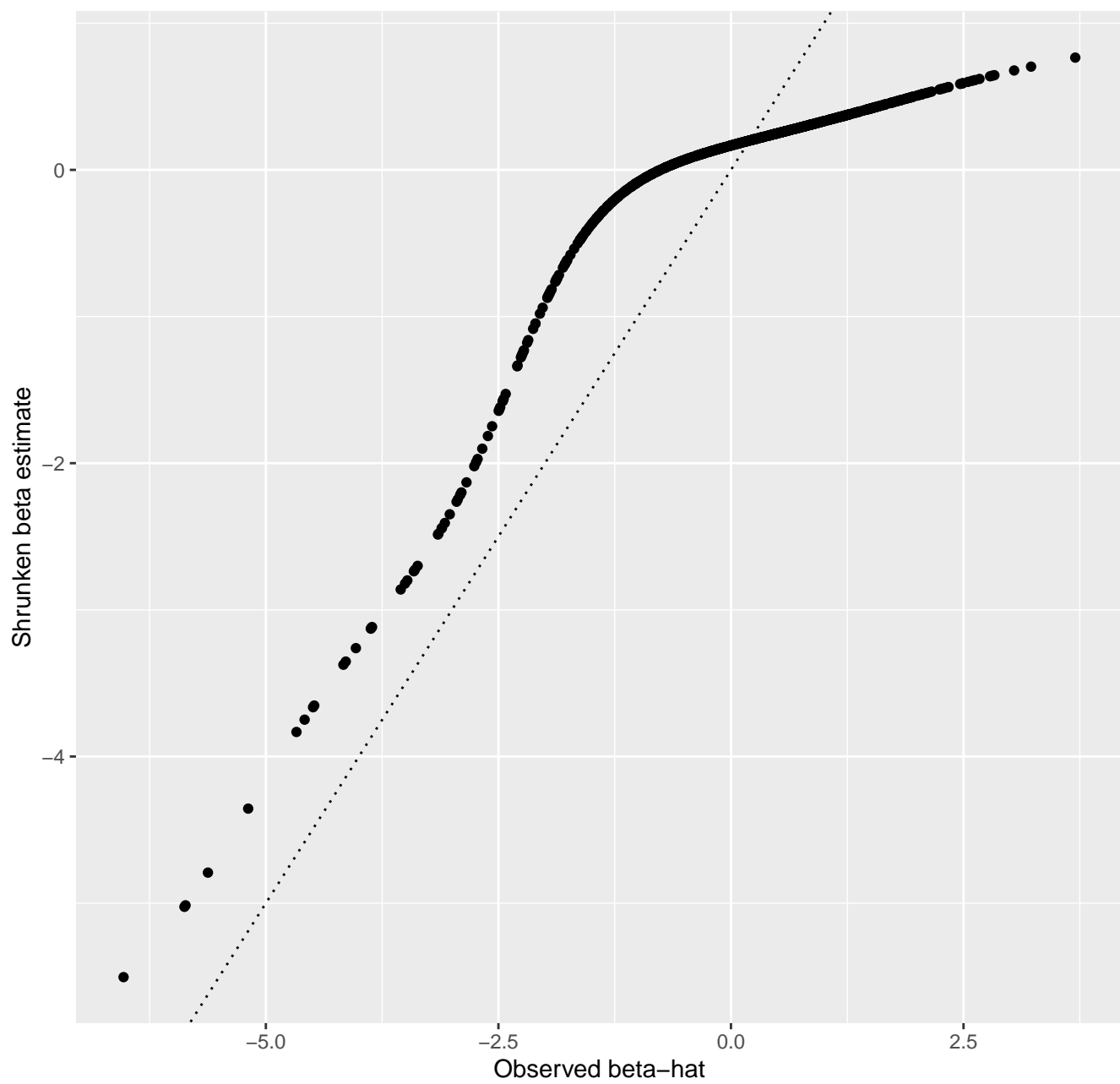
FAM83D\_(81610) negative



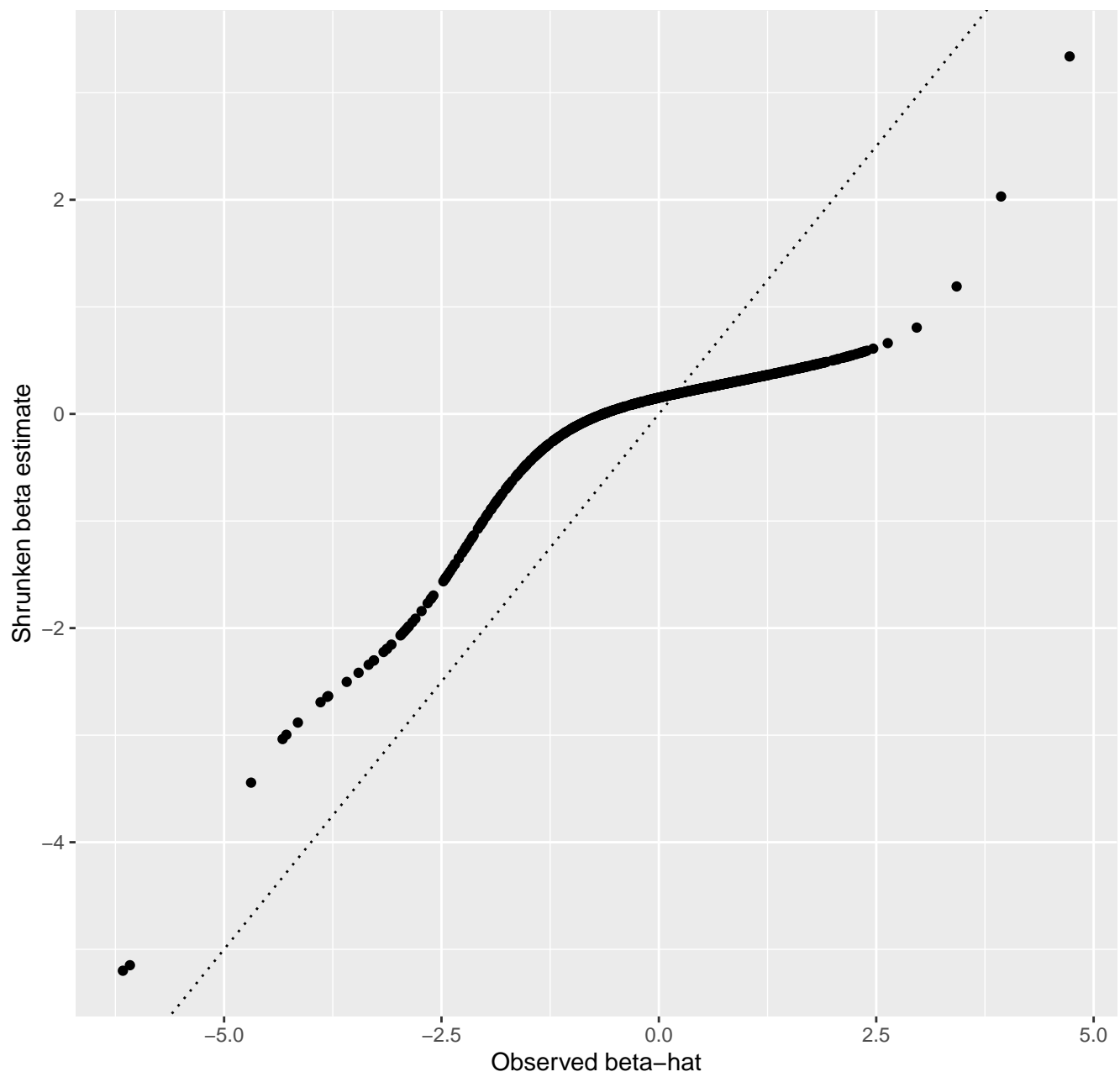
BCAP31\_(10134) negative



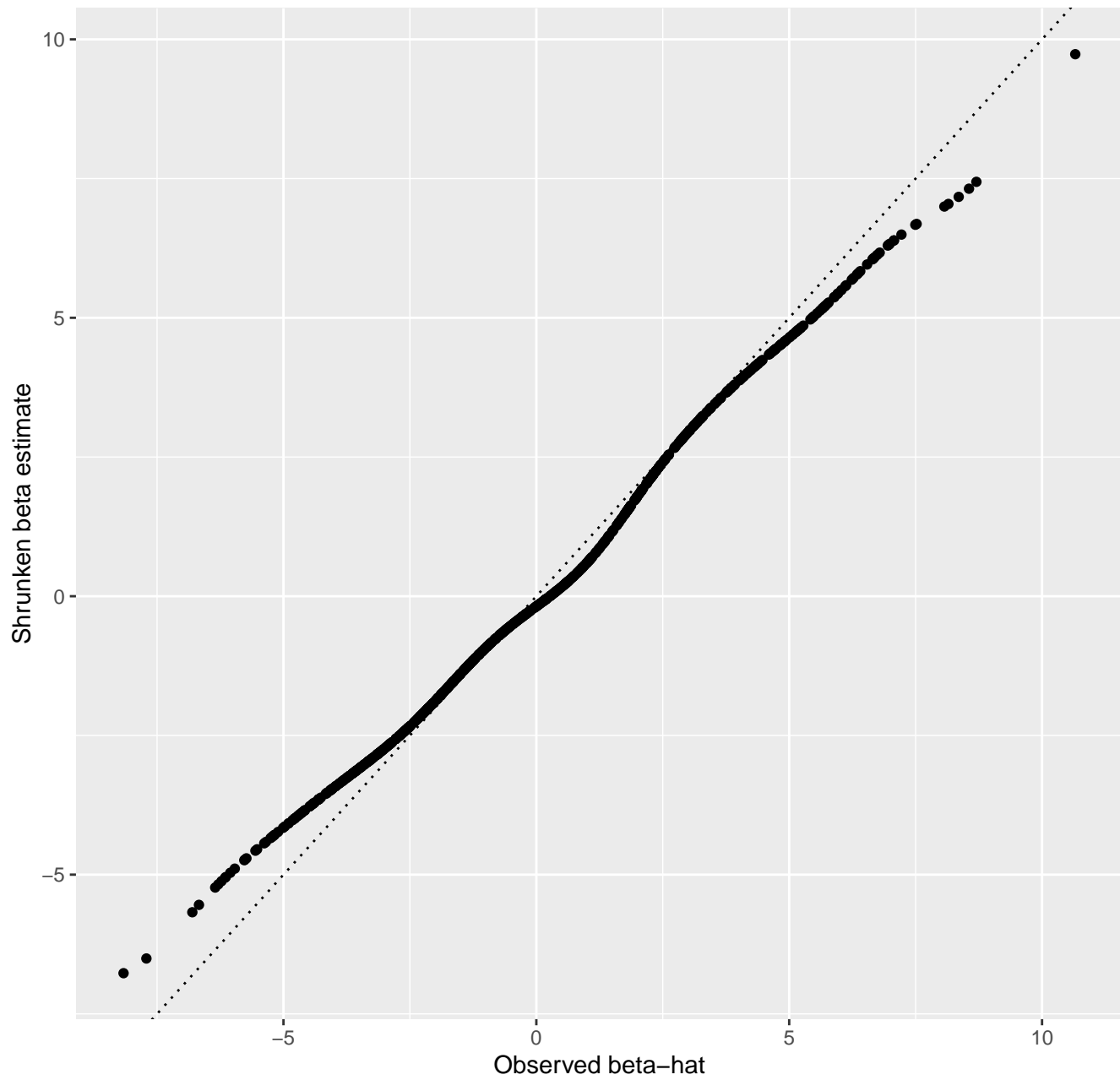
ASF1A\_(25842) negative



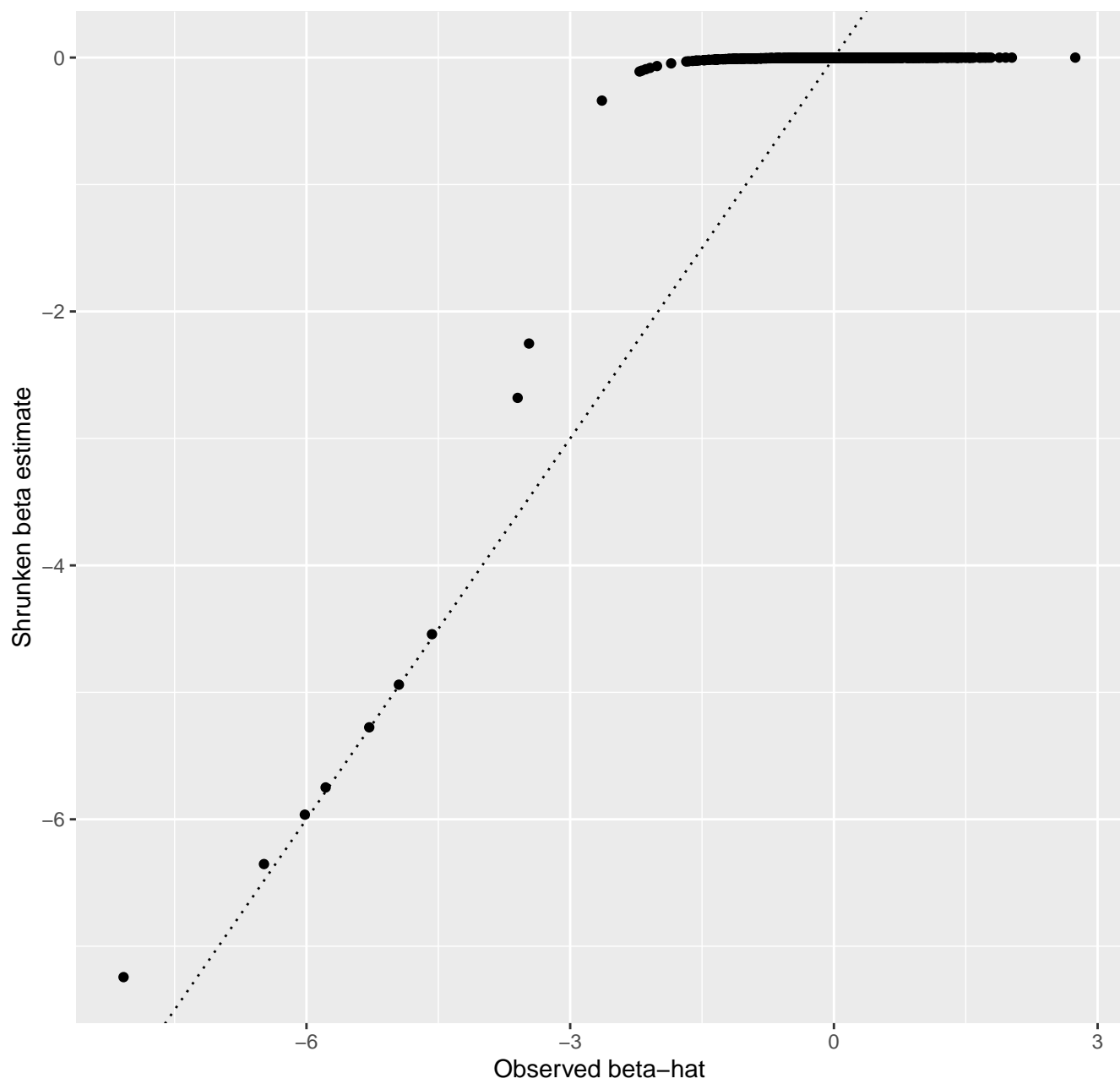
AP1M1\_(8907) negative



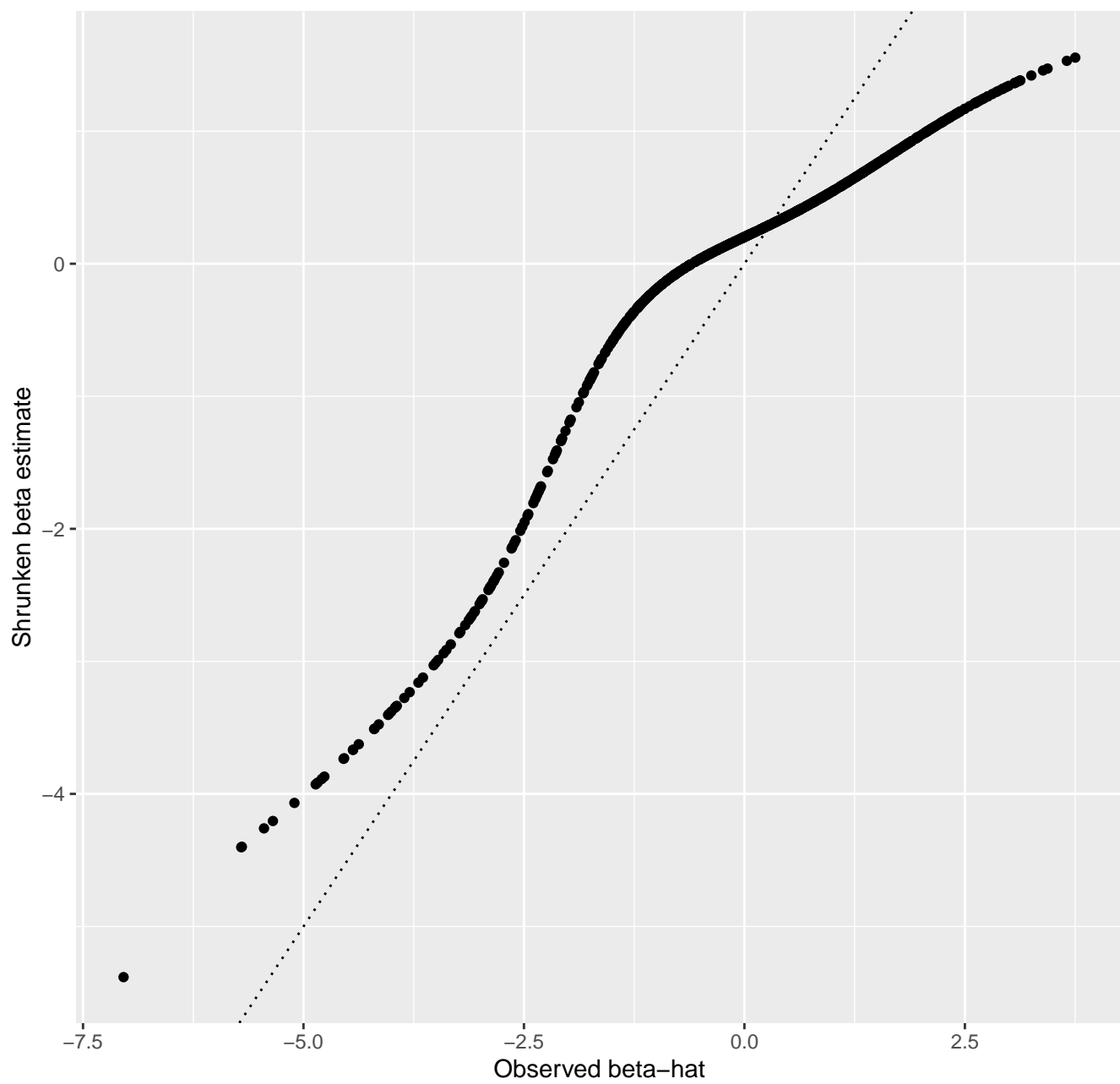
GRB2\_(2885) positive



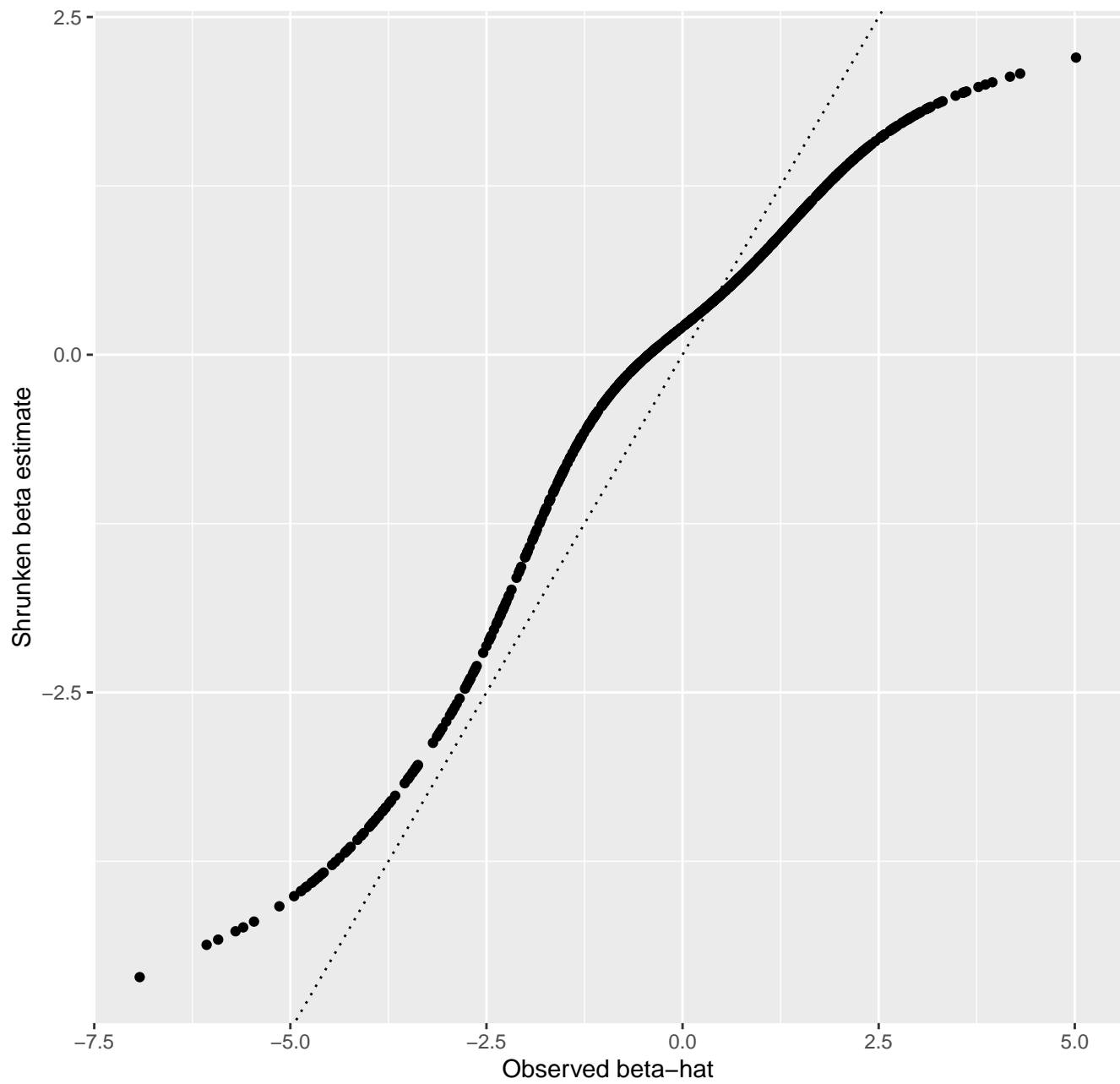
STAT5B\_(6777) negative



ATP2B1\_(490) negative

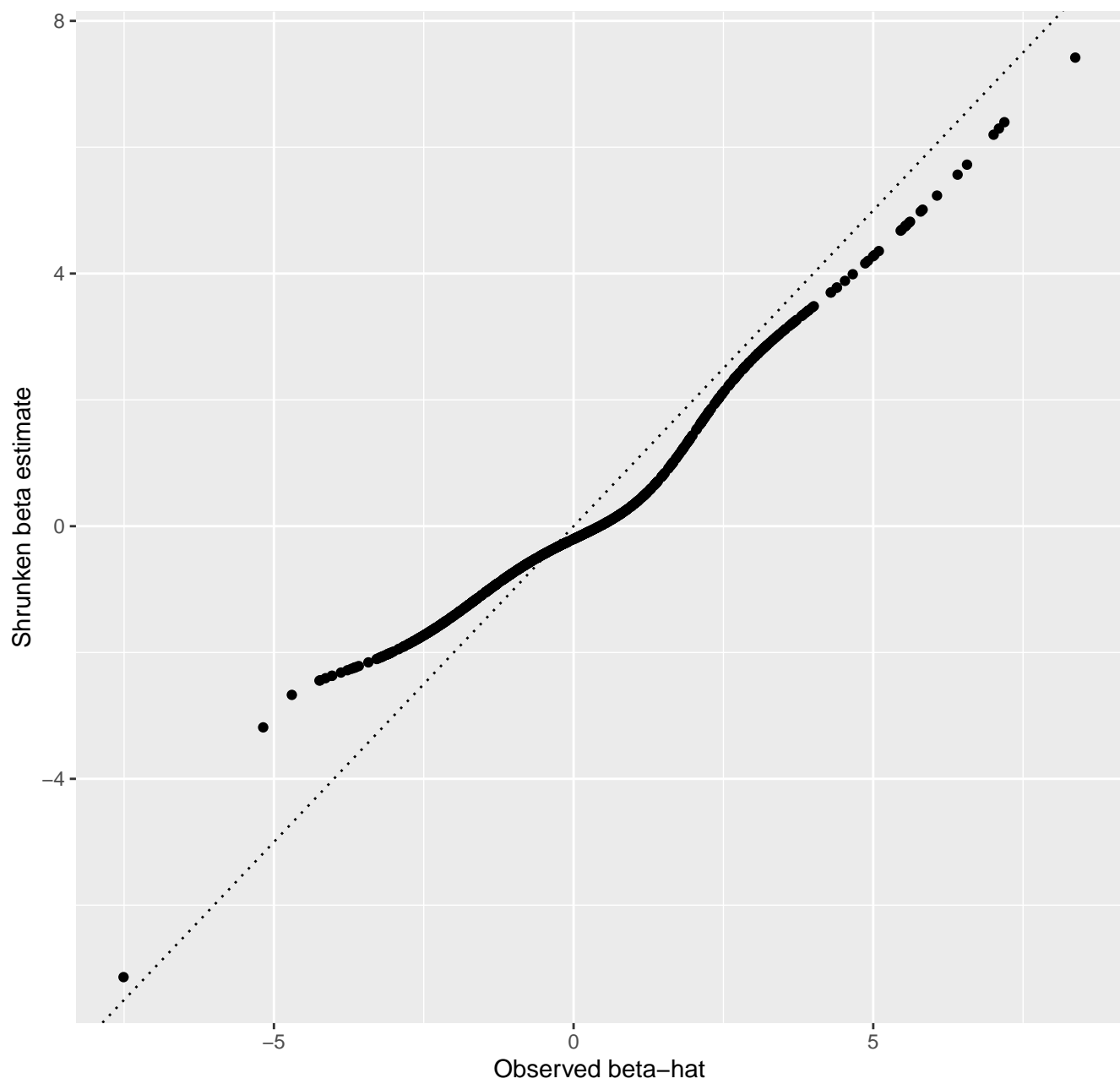


IDH3A\_(3419) negative

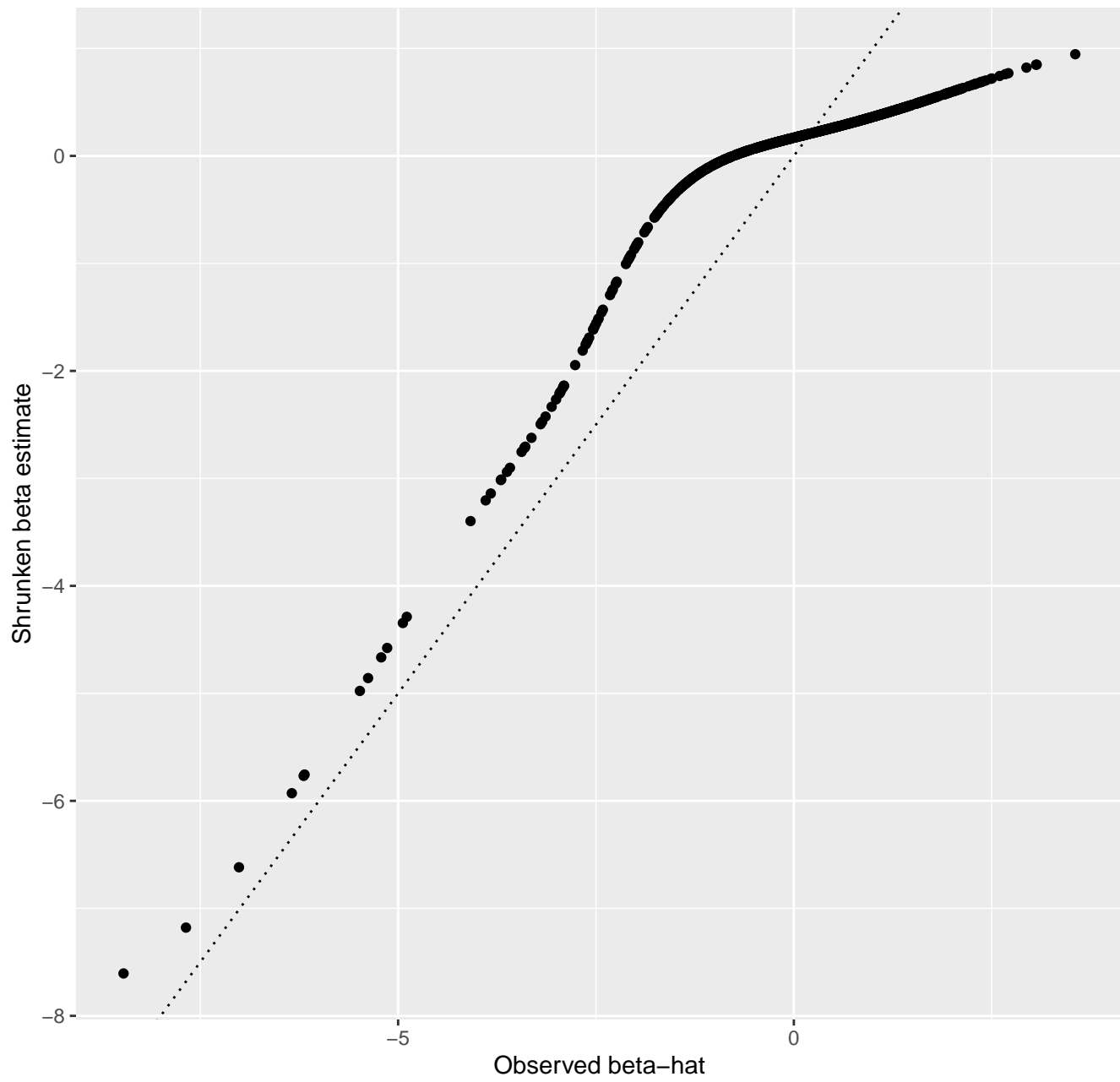




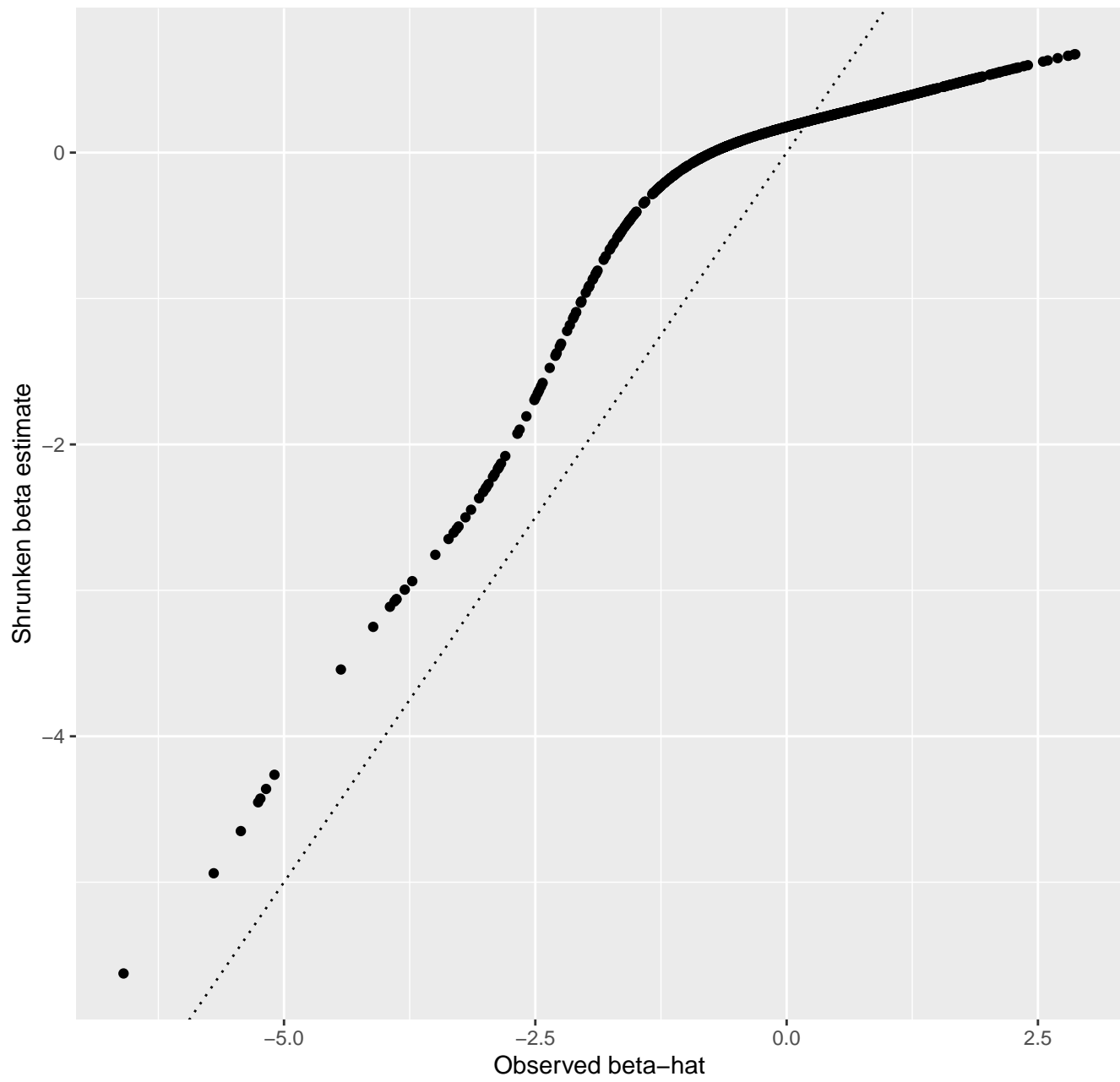
PYROXD1\_(79912) positive



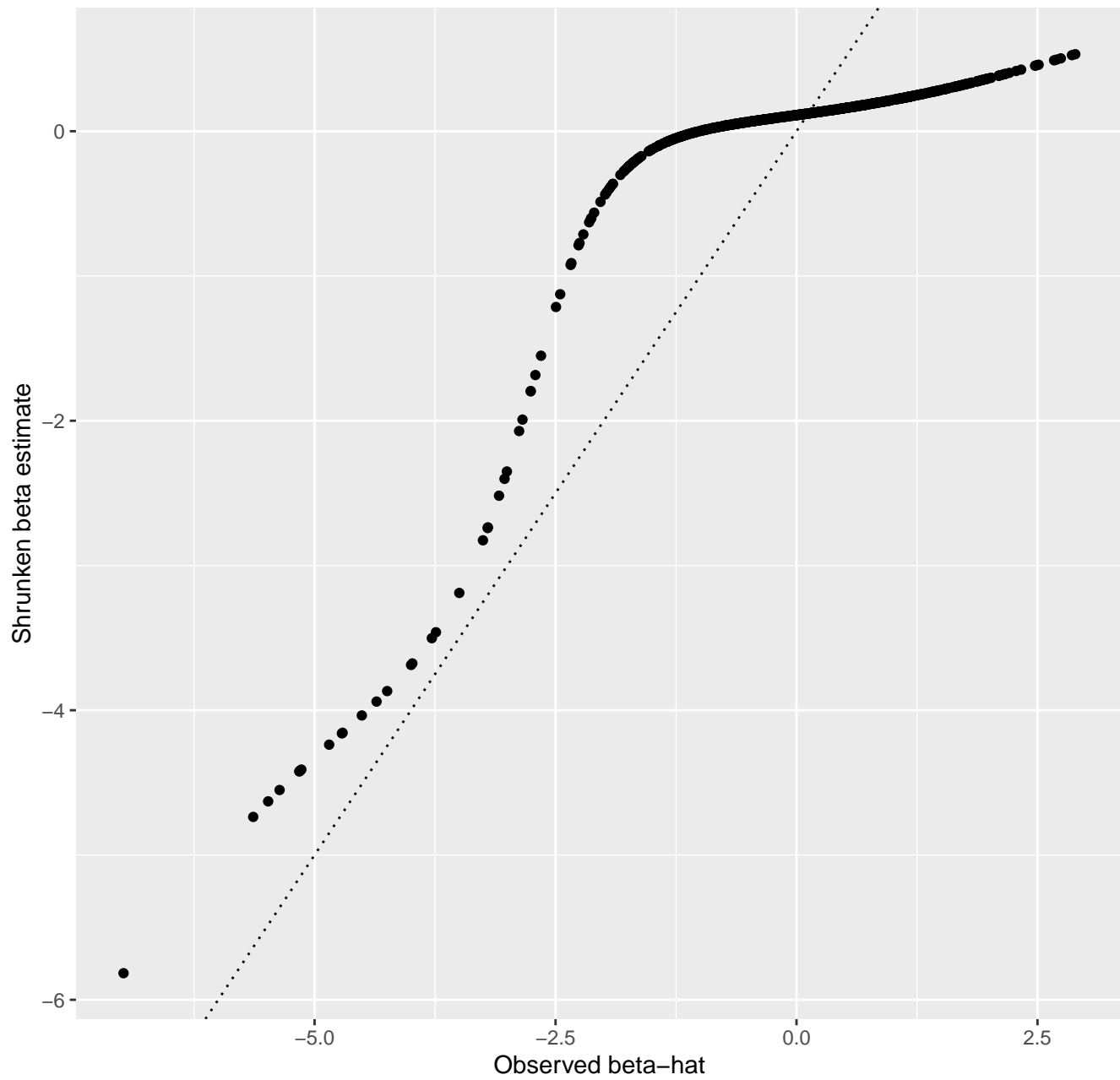
TBC1D20\_(128637) negative



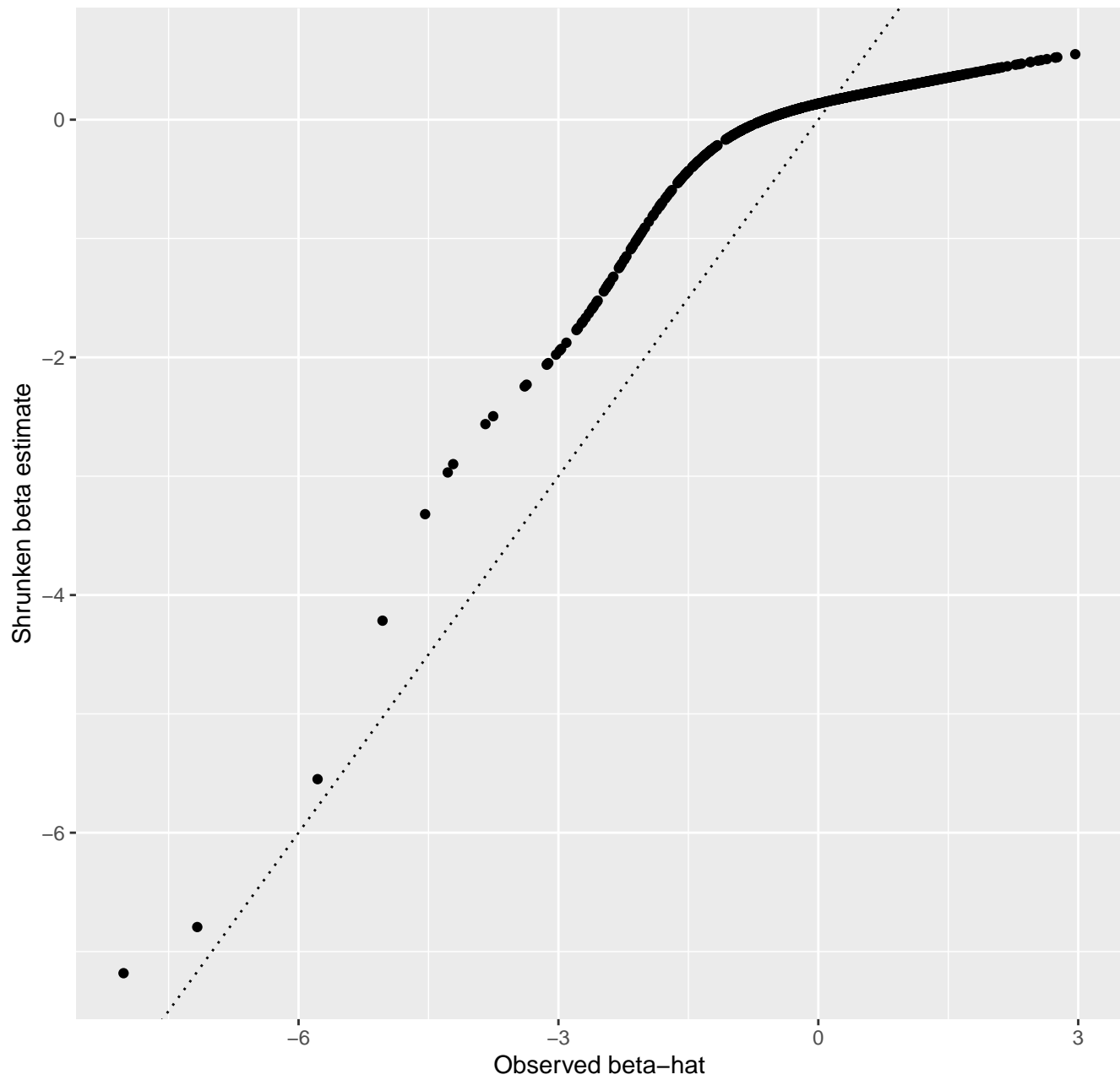
WDR44\_(54521) negative



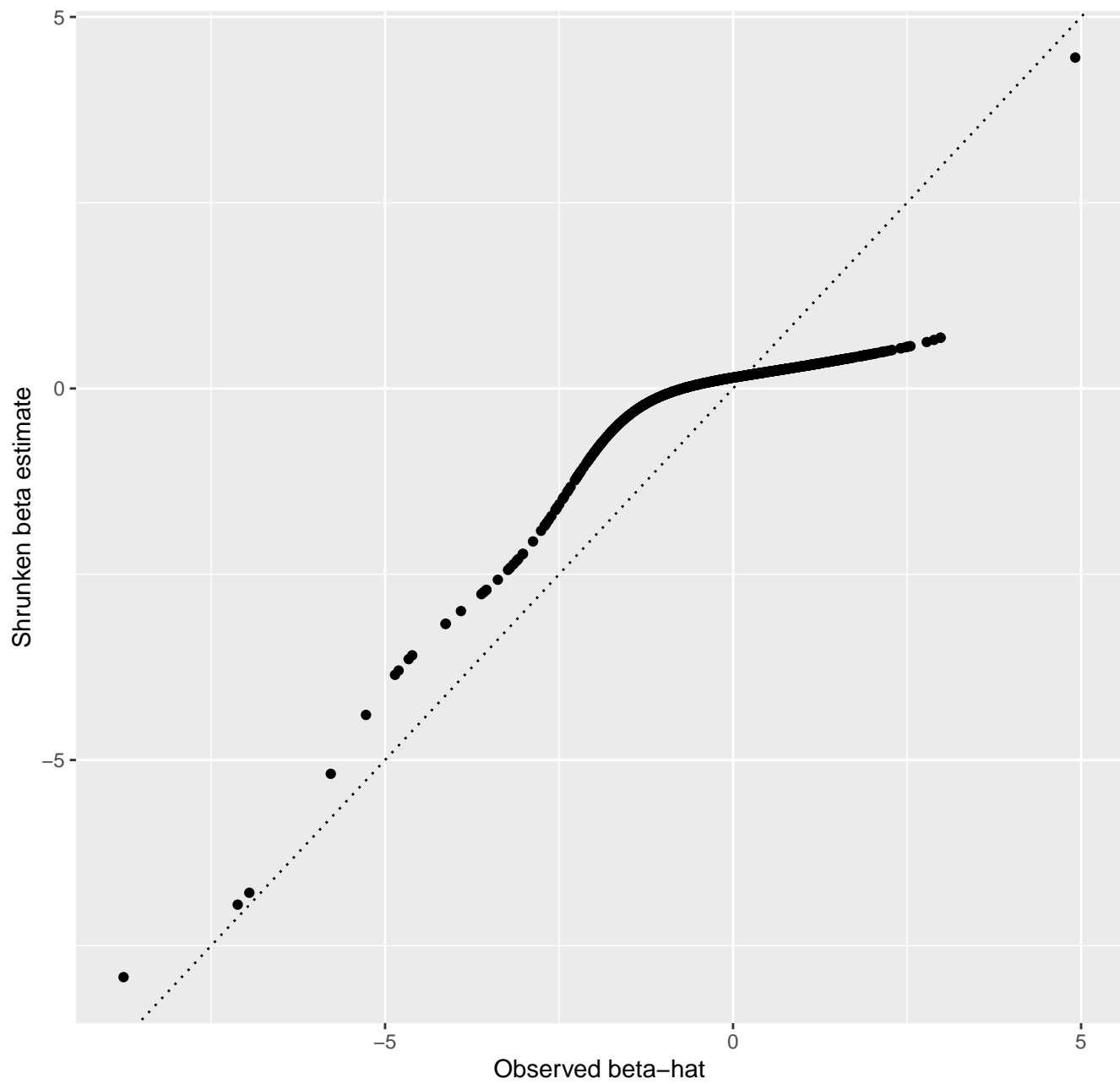
SRD5A3\_(79644) negative



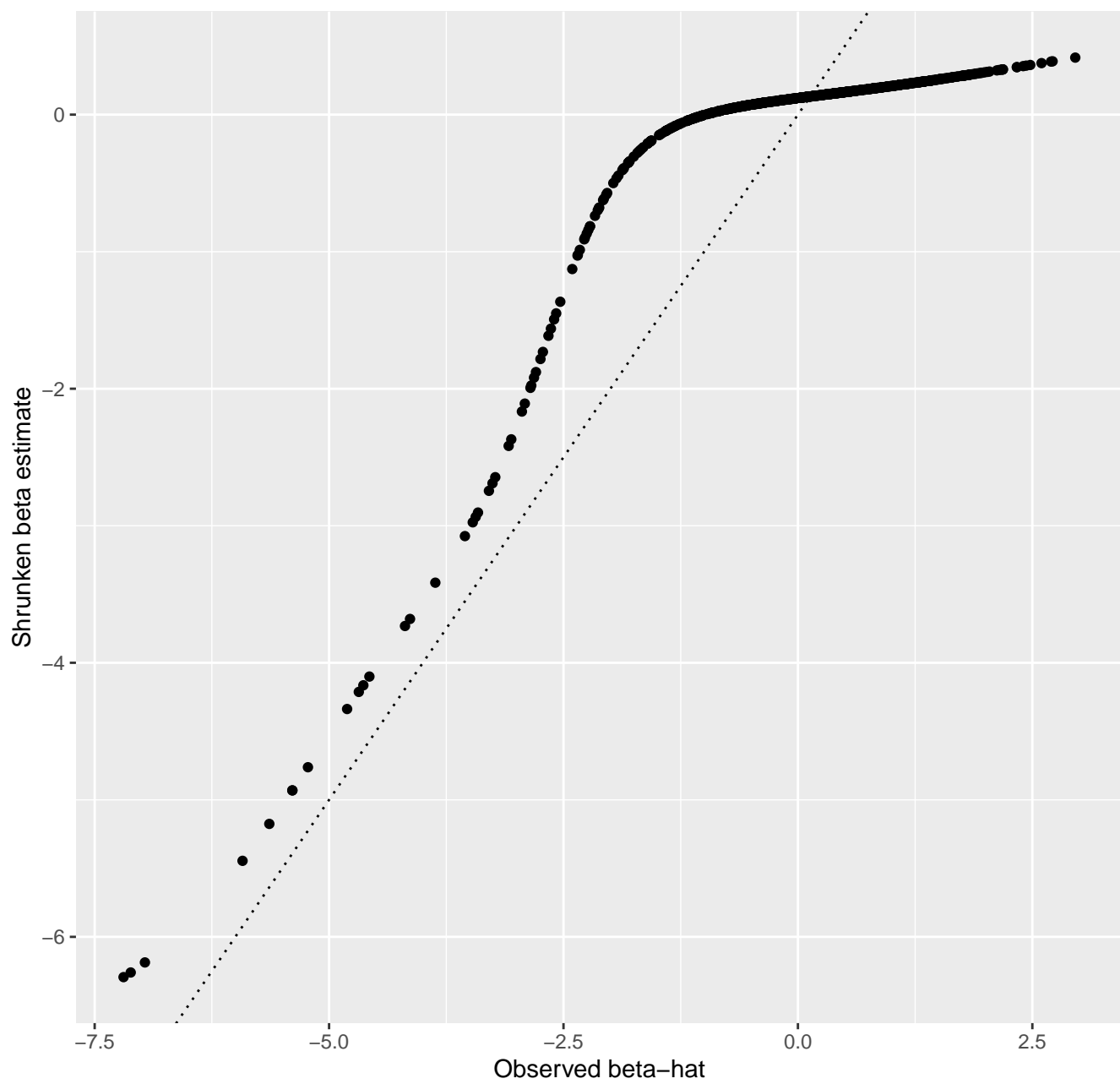
IKBKKG\_(8517) negative



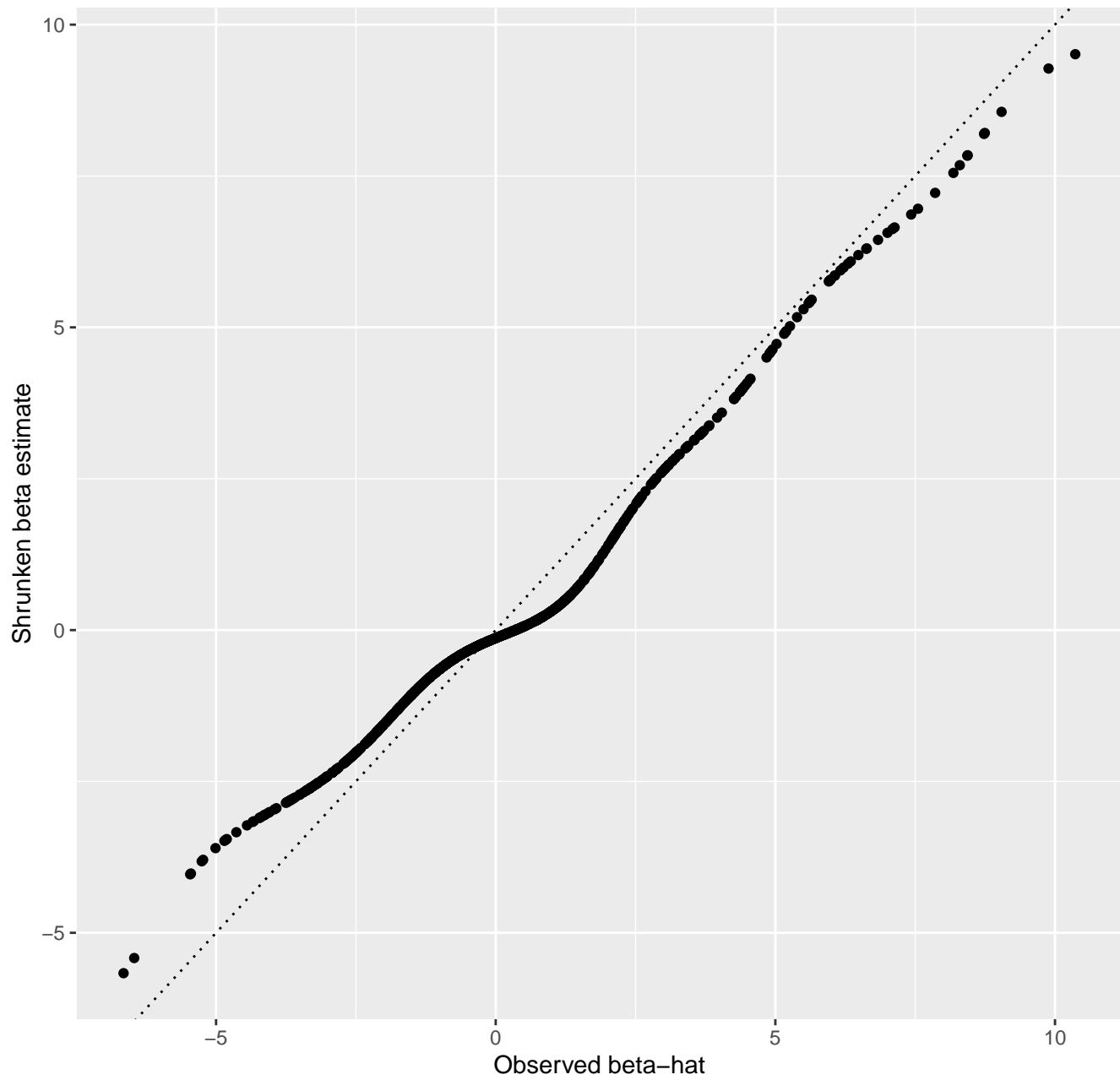
TRIO\_(7204) negative



CWF19L1\_(55280) negative

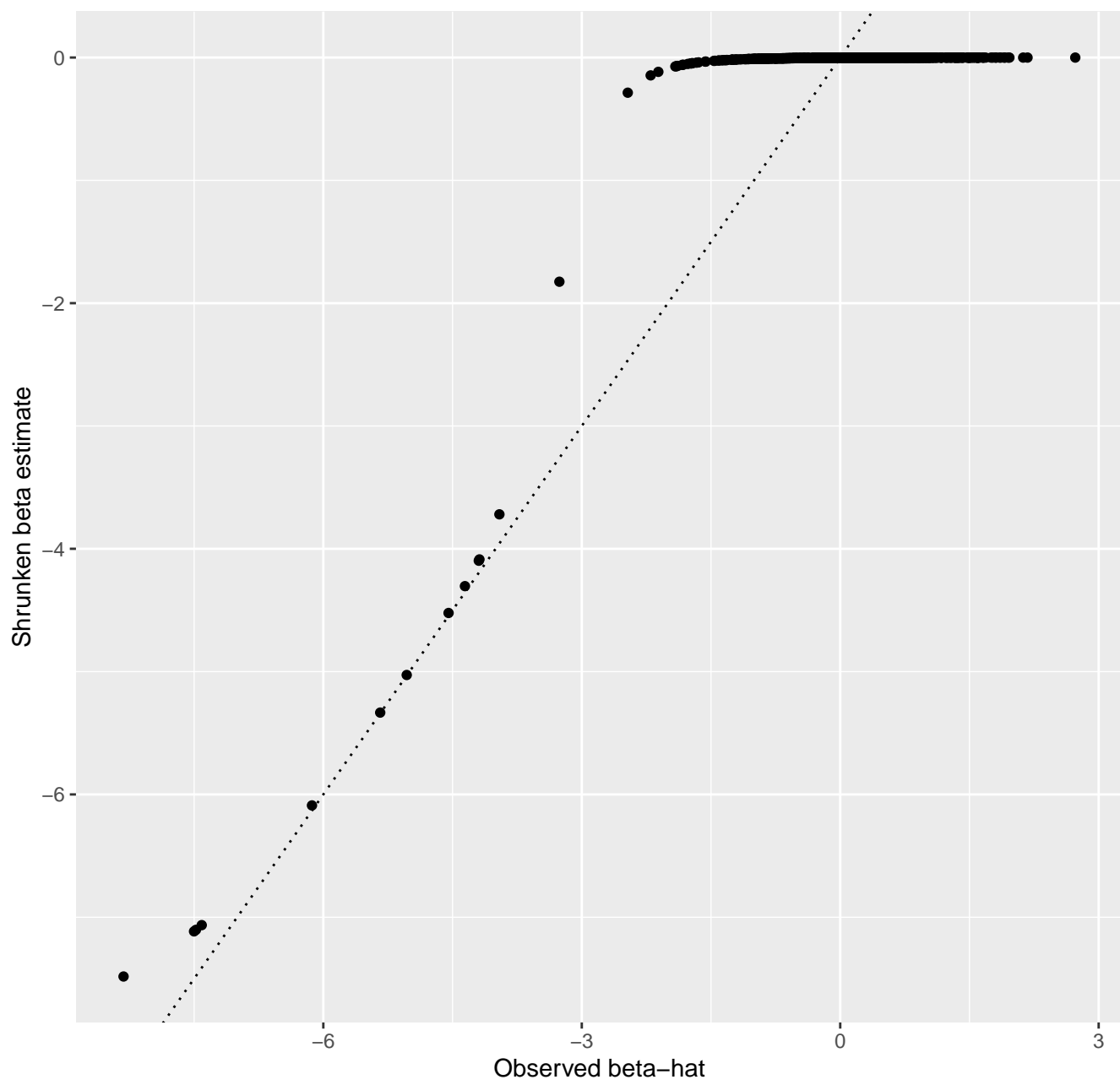


DTYMK\_(1841) positive

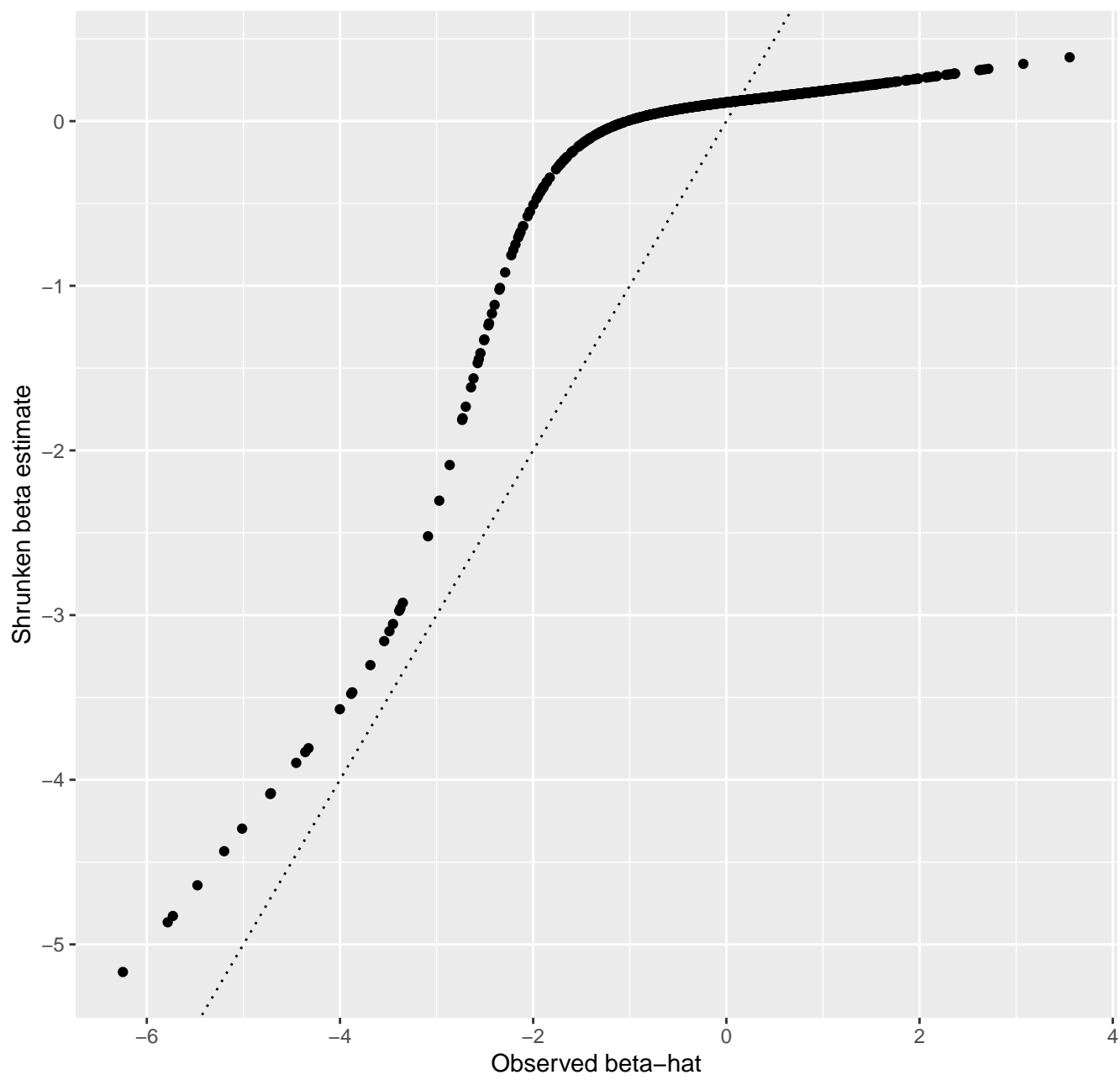




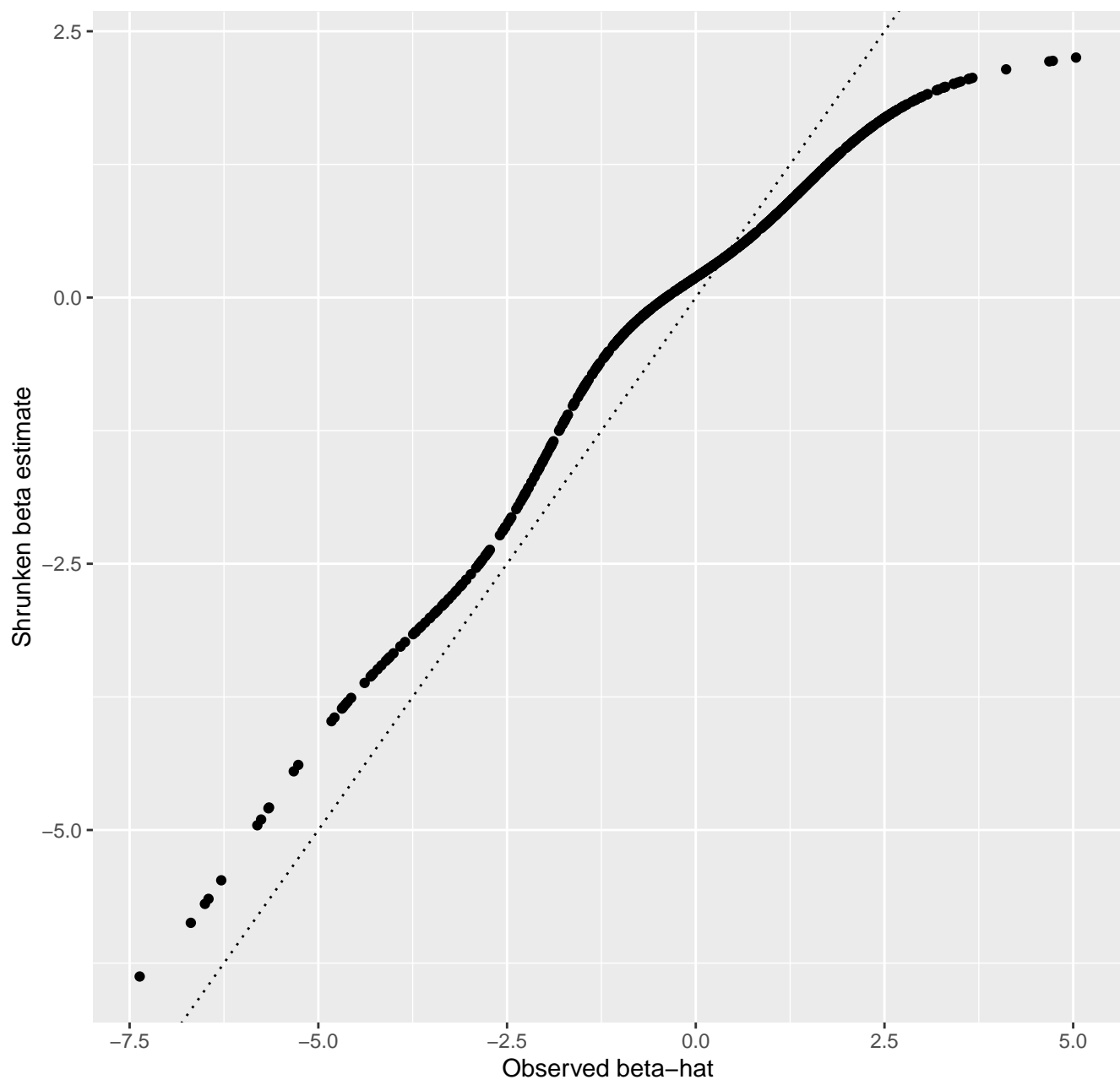
IRF8\_(3394) negative



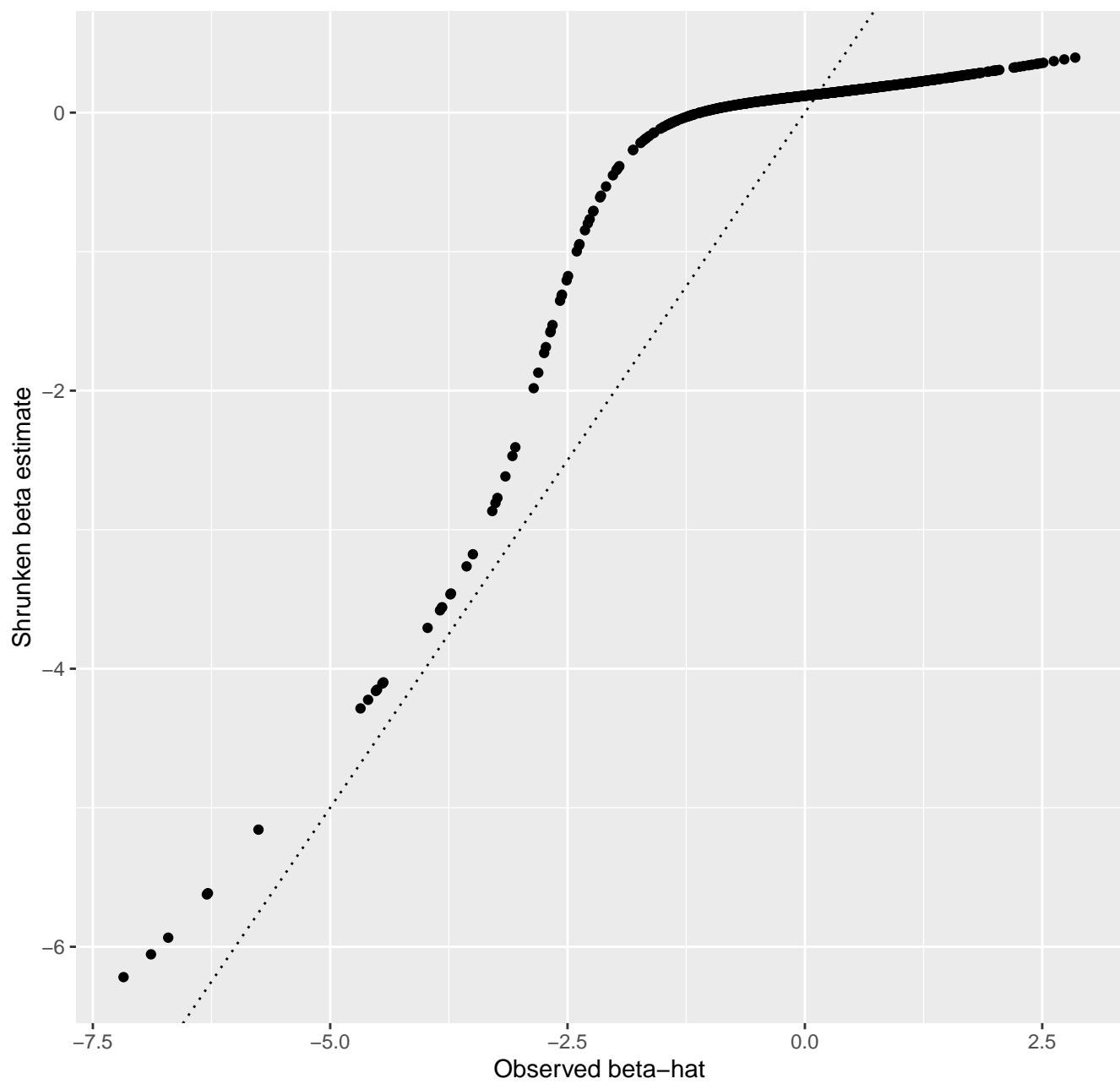
SAR1A\_(56681) negative



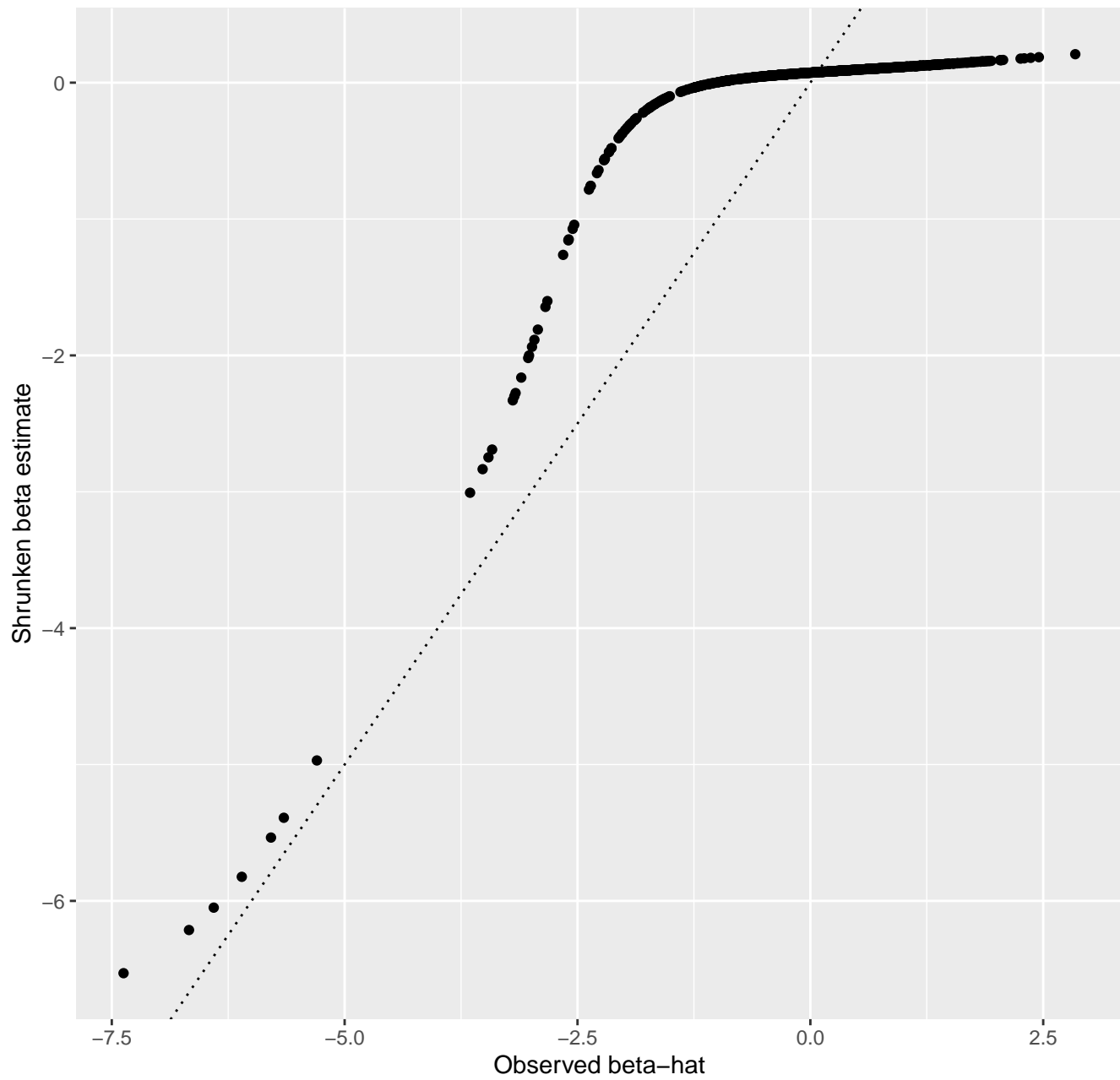
TAZ\_(6901) negative



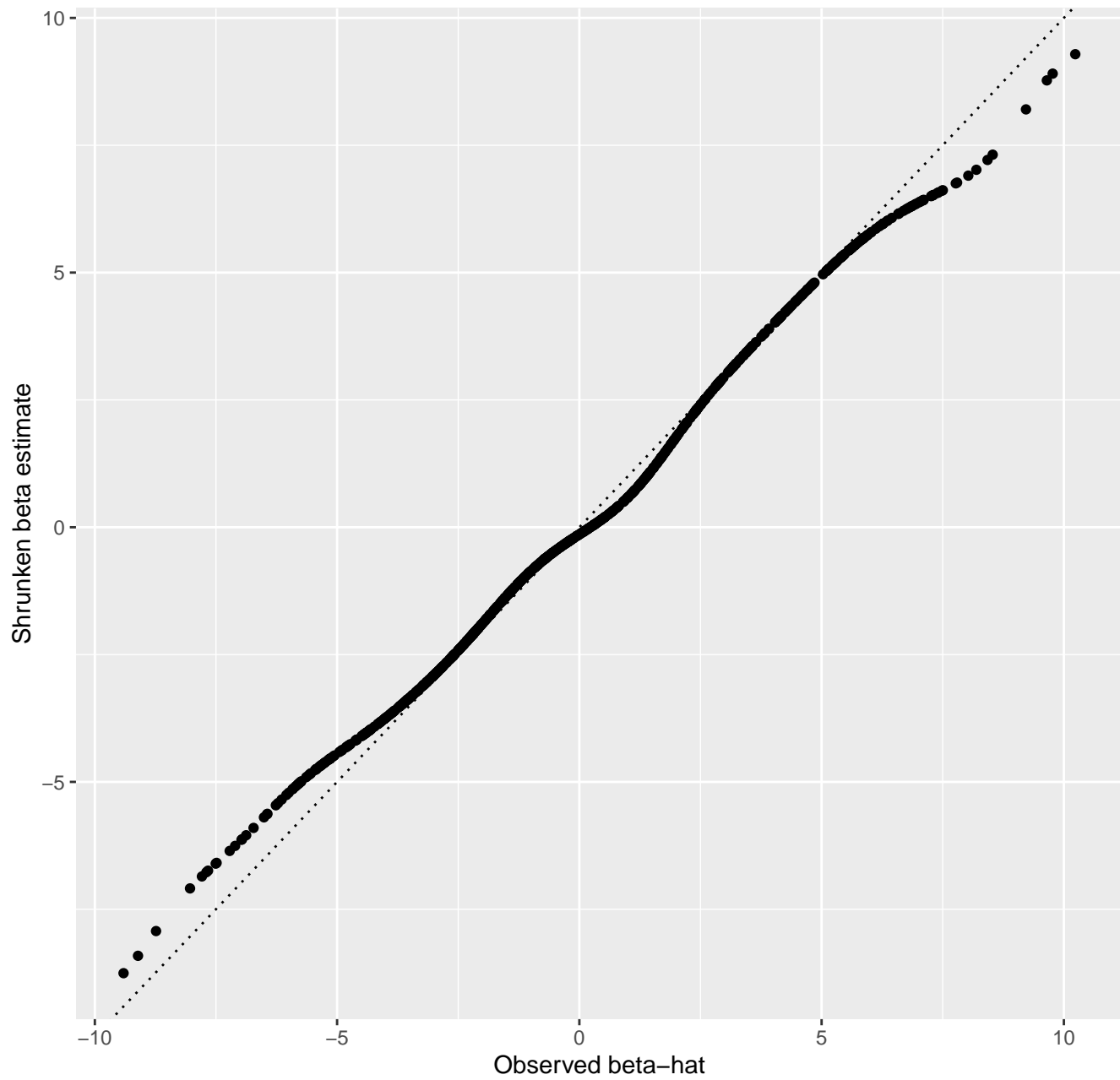
SREBF2\_(6721) negative



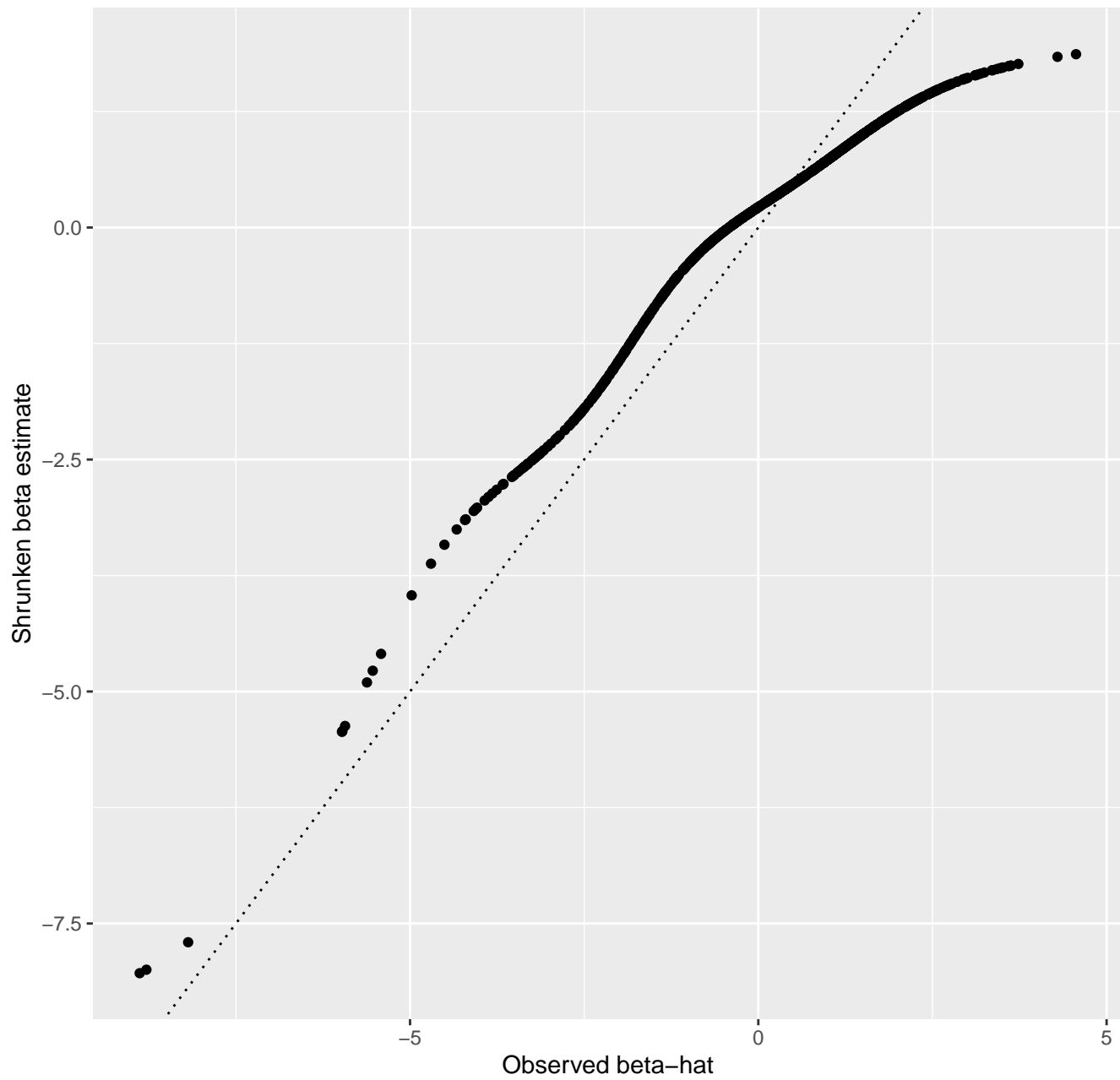
RAB1A\_(5861) negative



SCAP\_(22937) positive



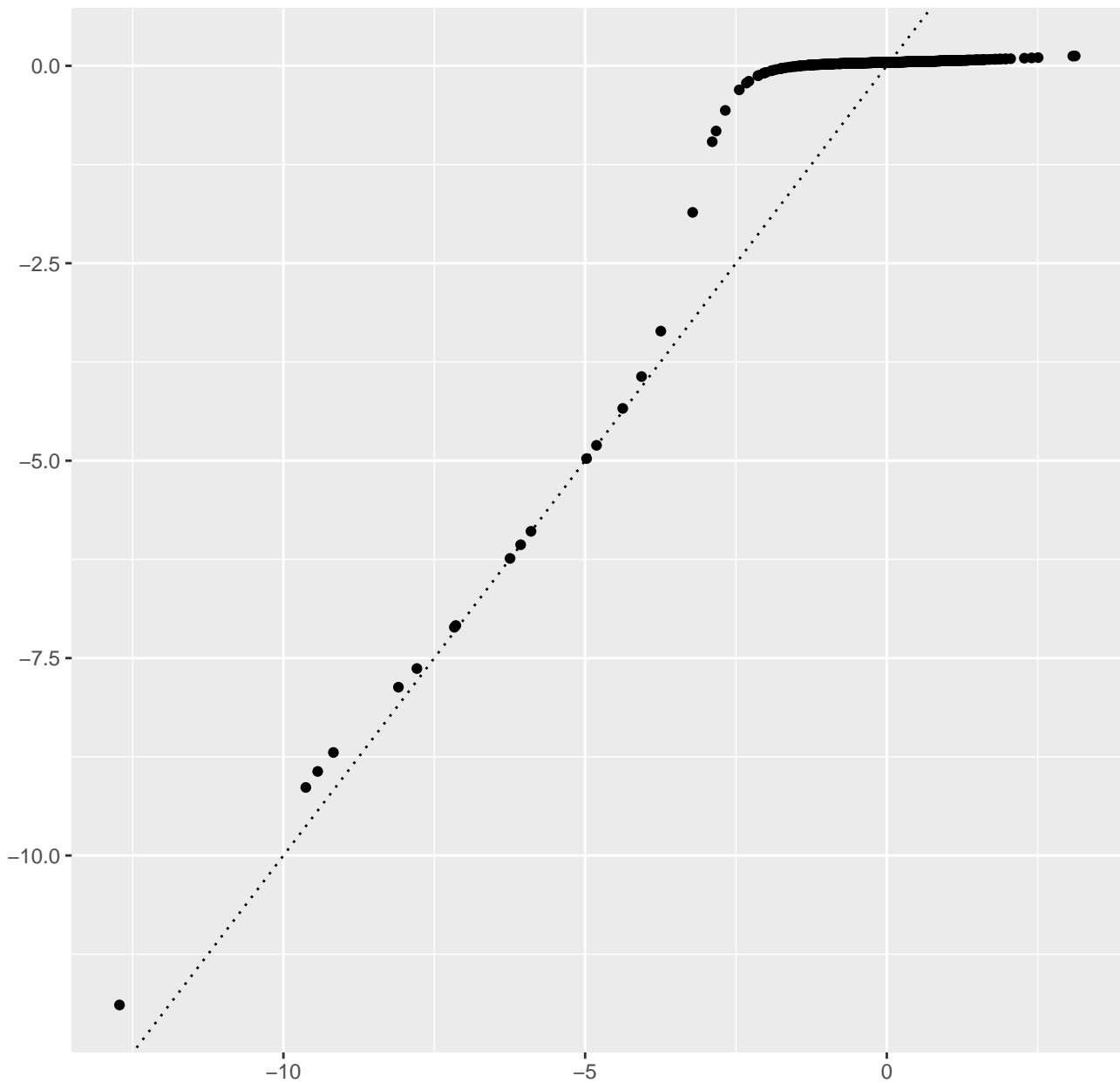
DUX4\_(100288687) negative



TNFSF10\_(8743) negative

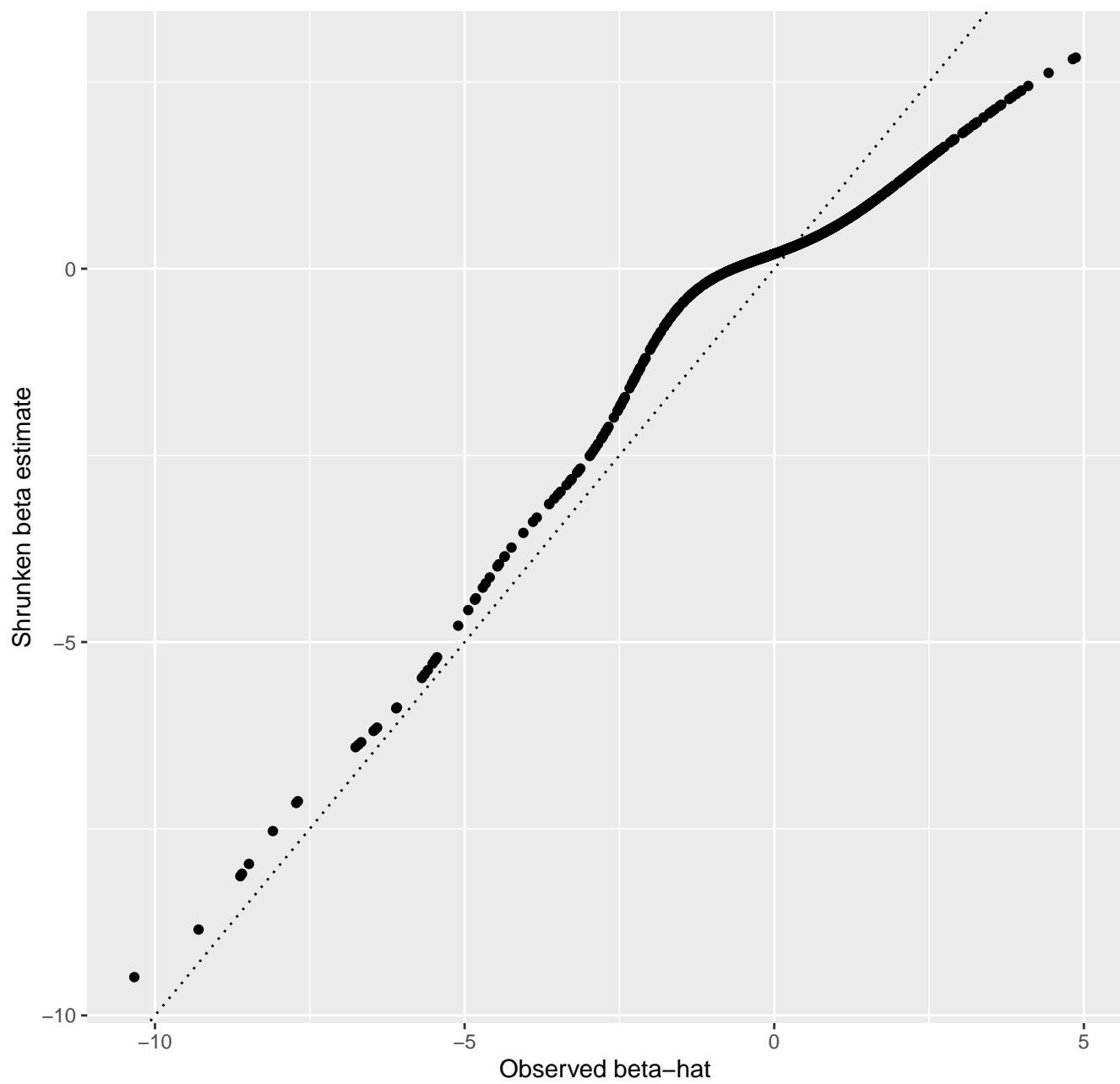
Shrunken beta estimate

Observed beta-hat

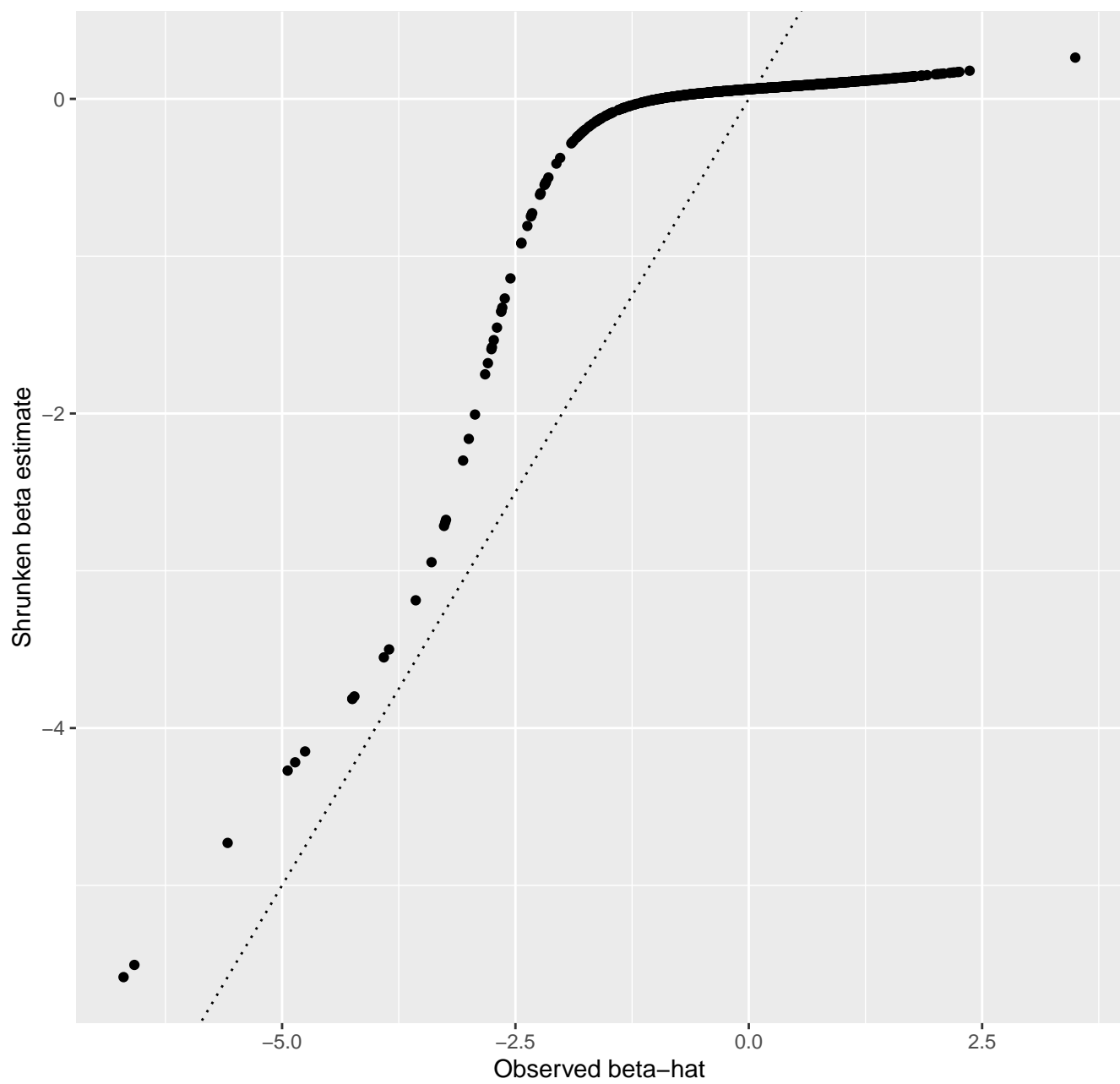




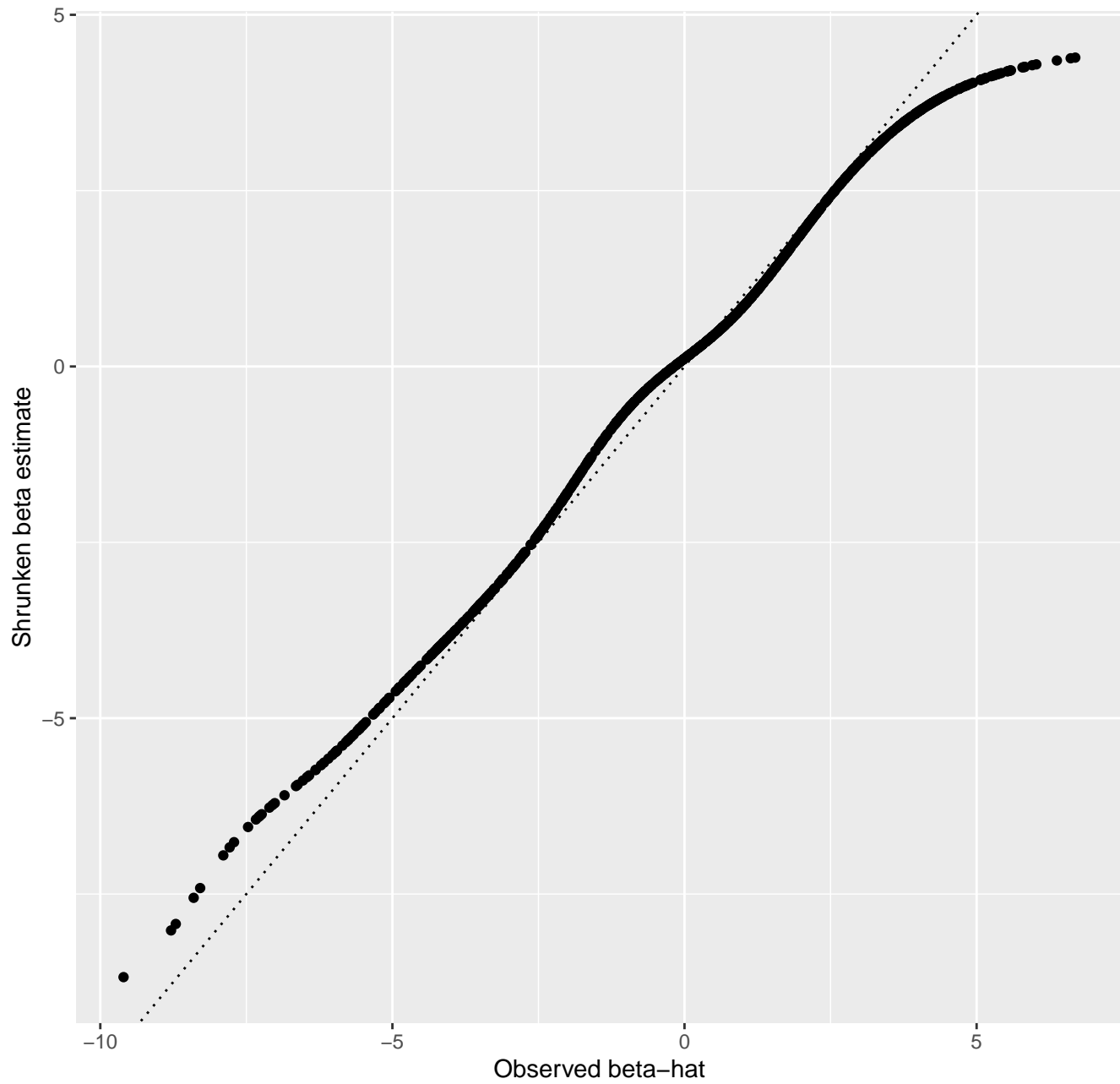
MAPK1\_(5594) negative



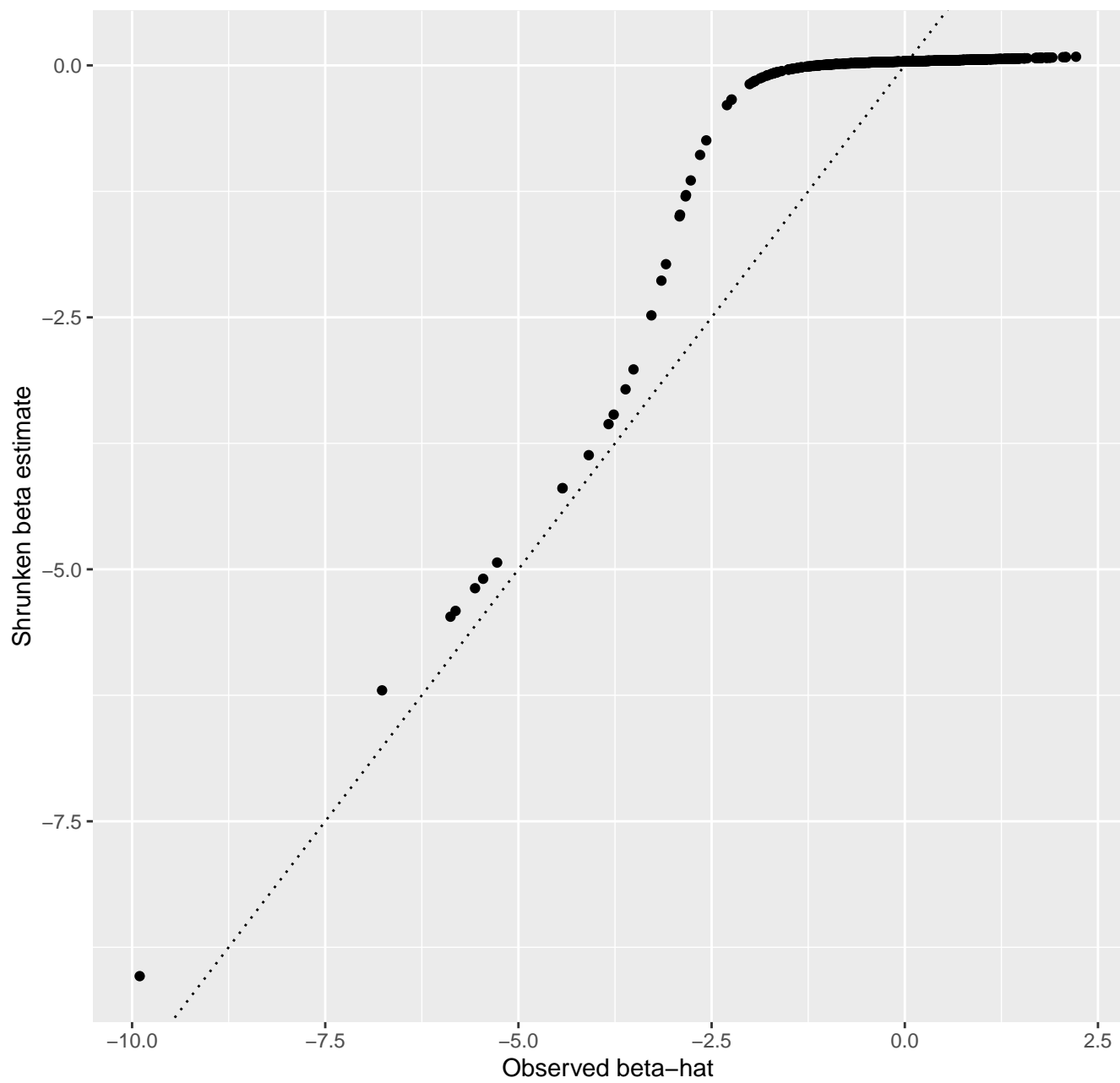
SLC1A5\_(6510) negative



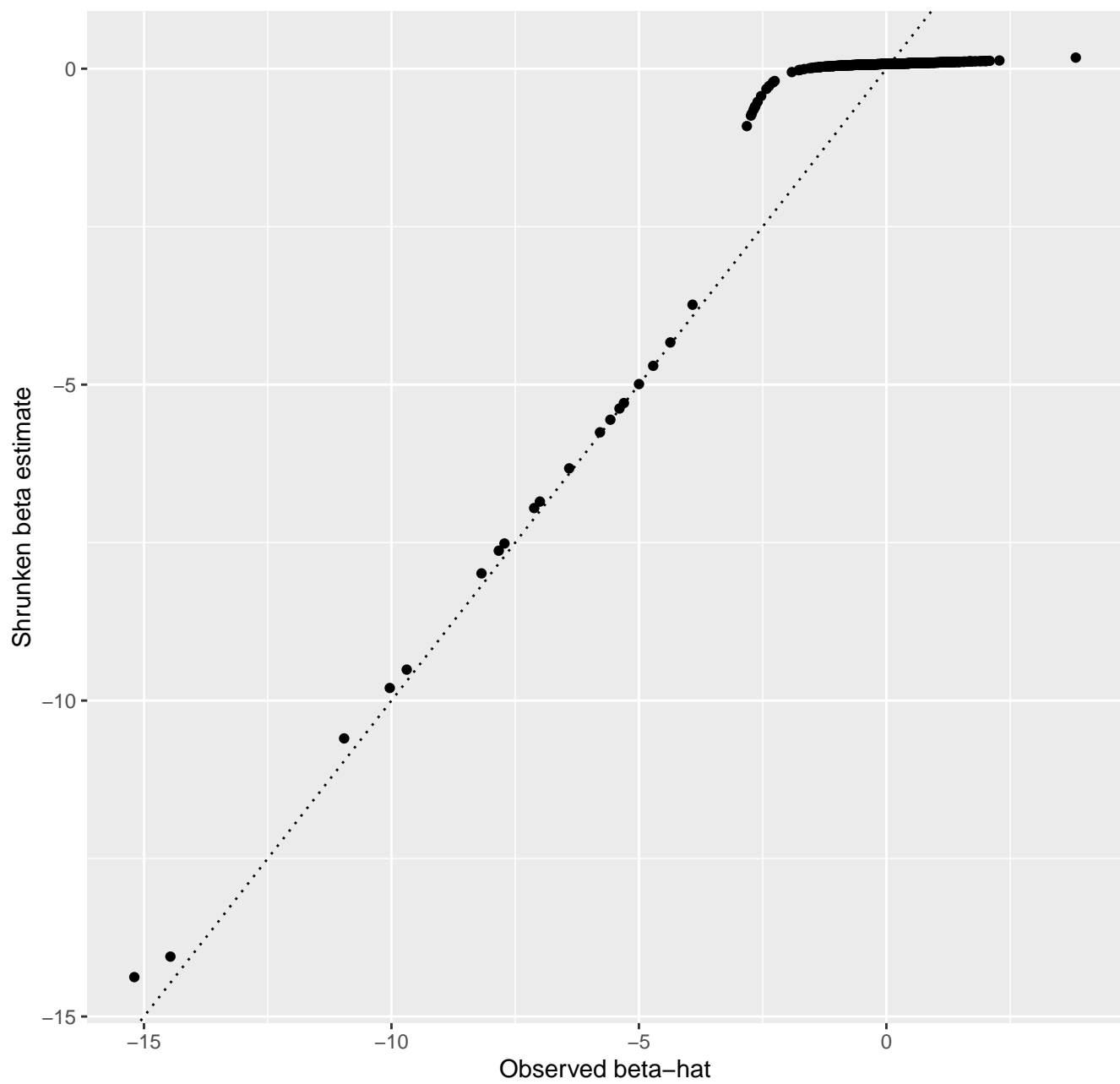
CFLAR\_(8837) negative



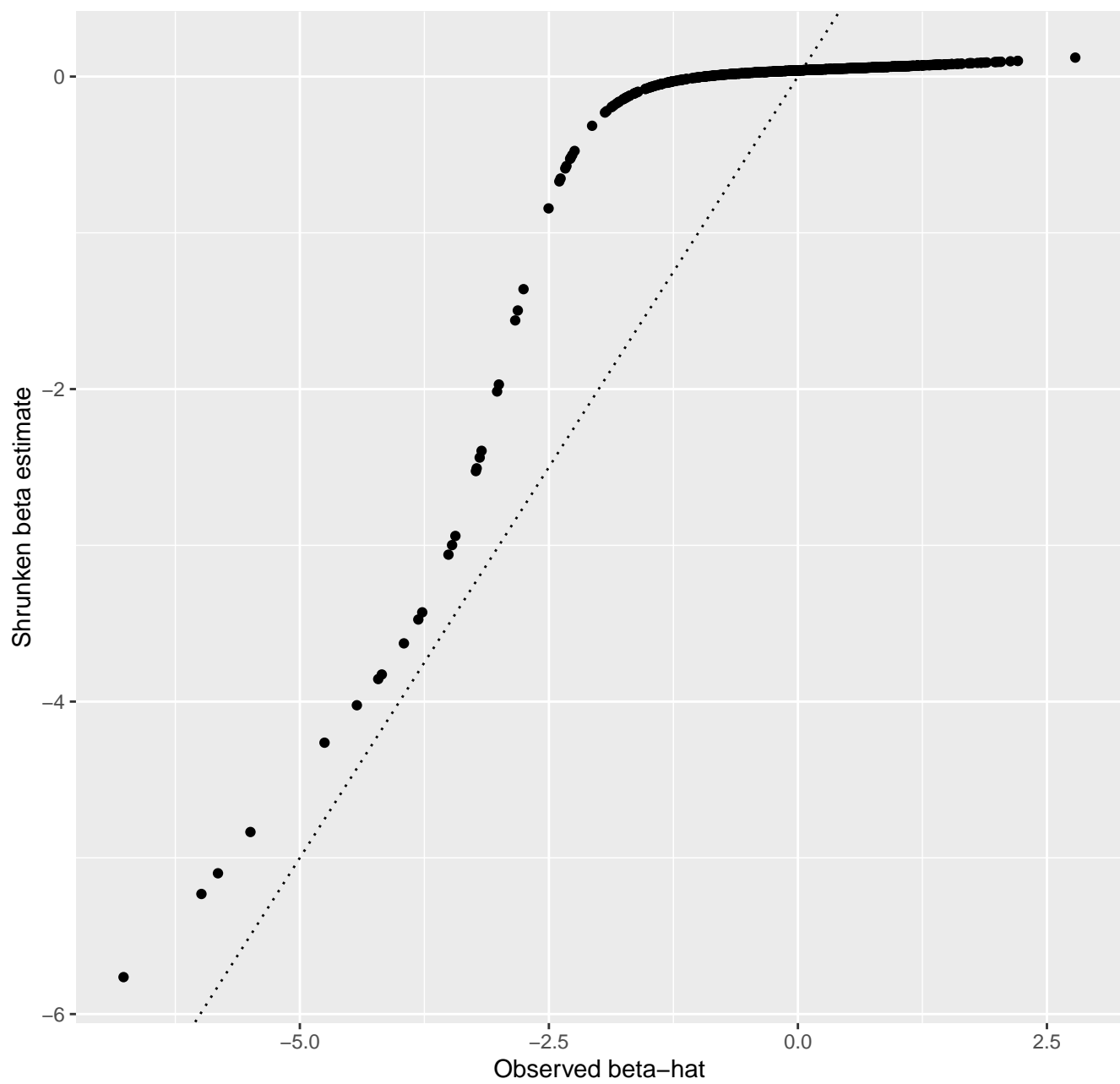
DMXL1\_(1657) negative



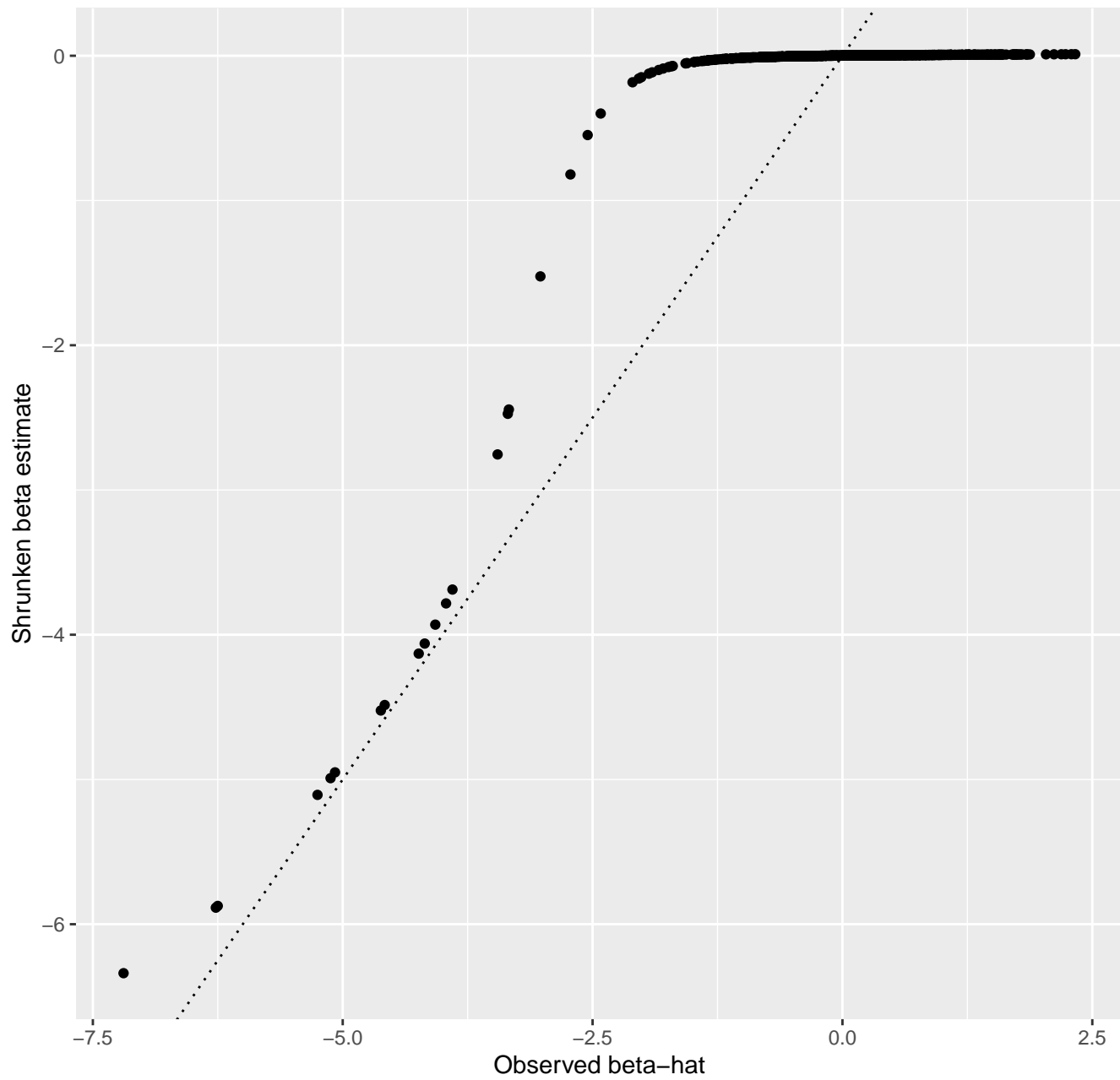
MYCN\_(4613) negative



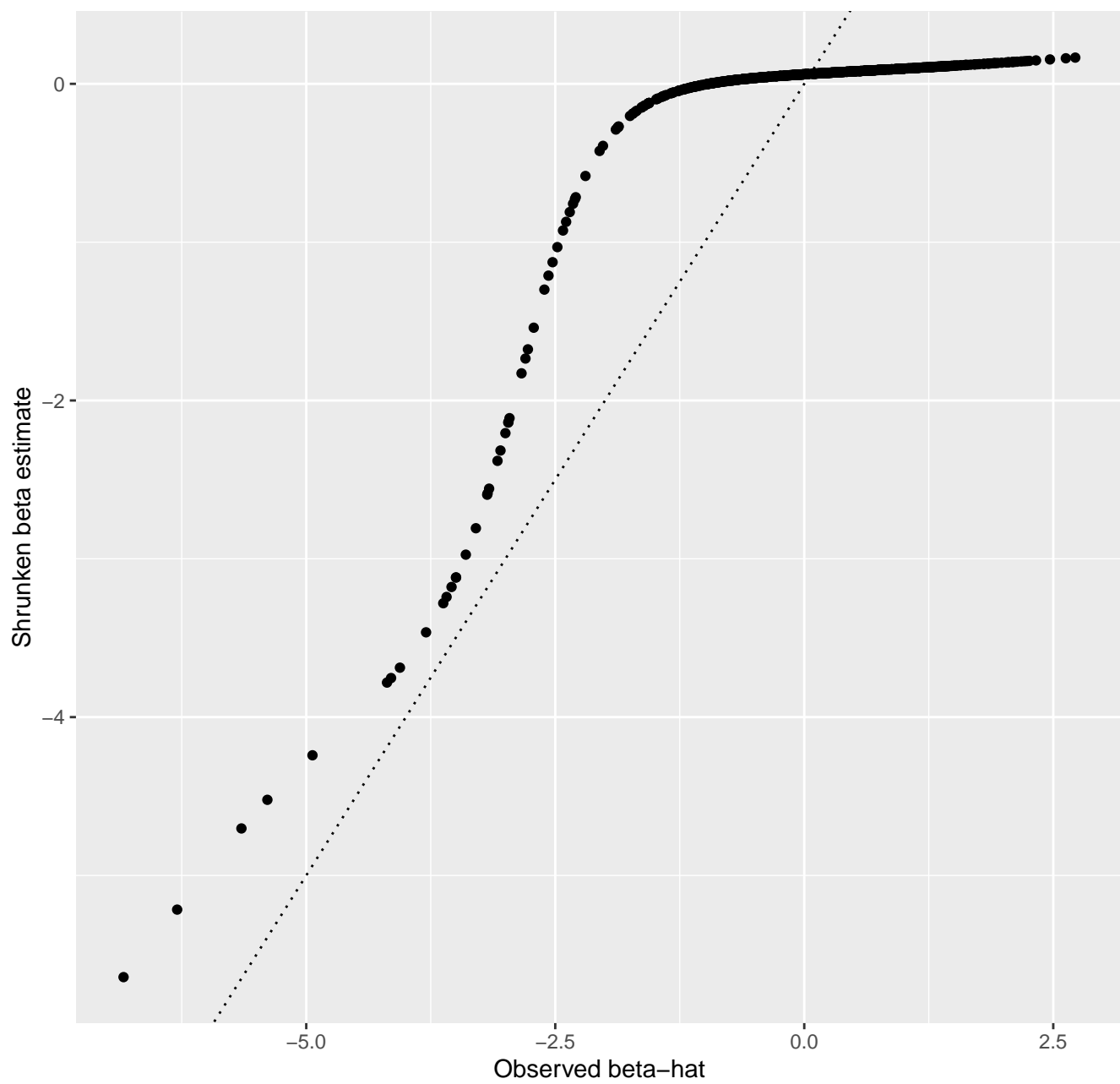
ATOX1\_(475) negative



PAX5\_(5079) negative

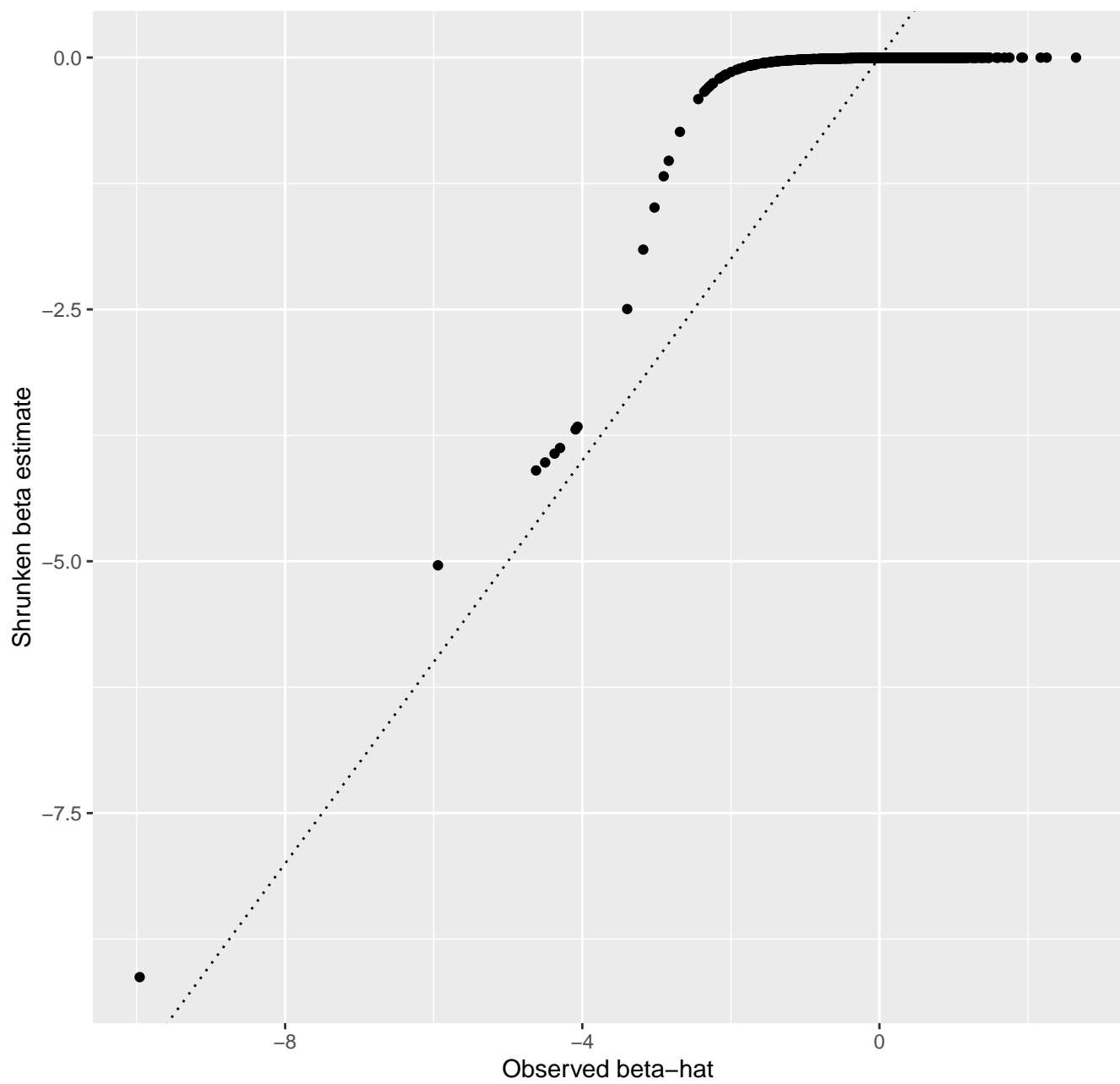


FAM136A\_(84908) negative

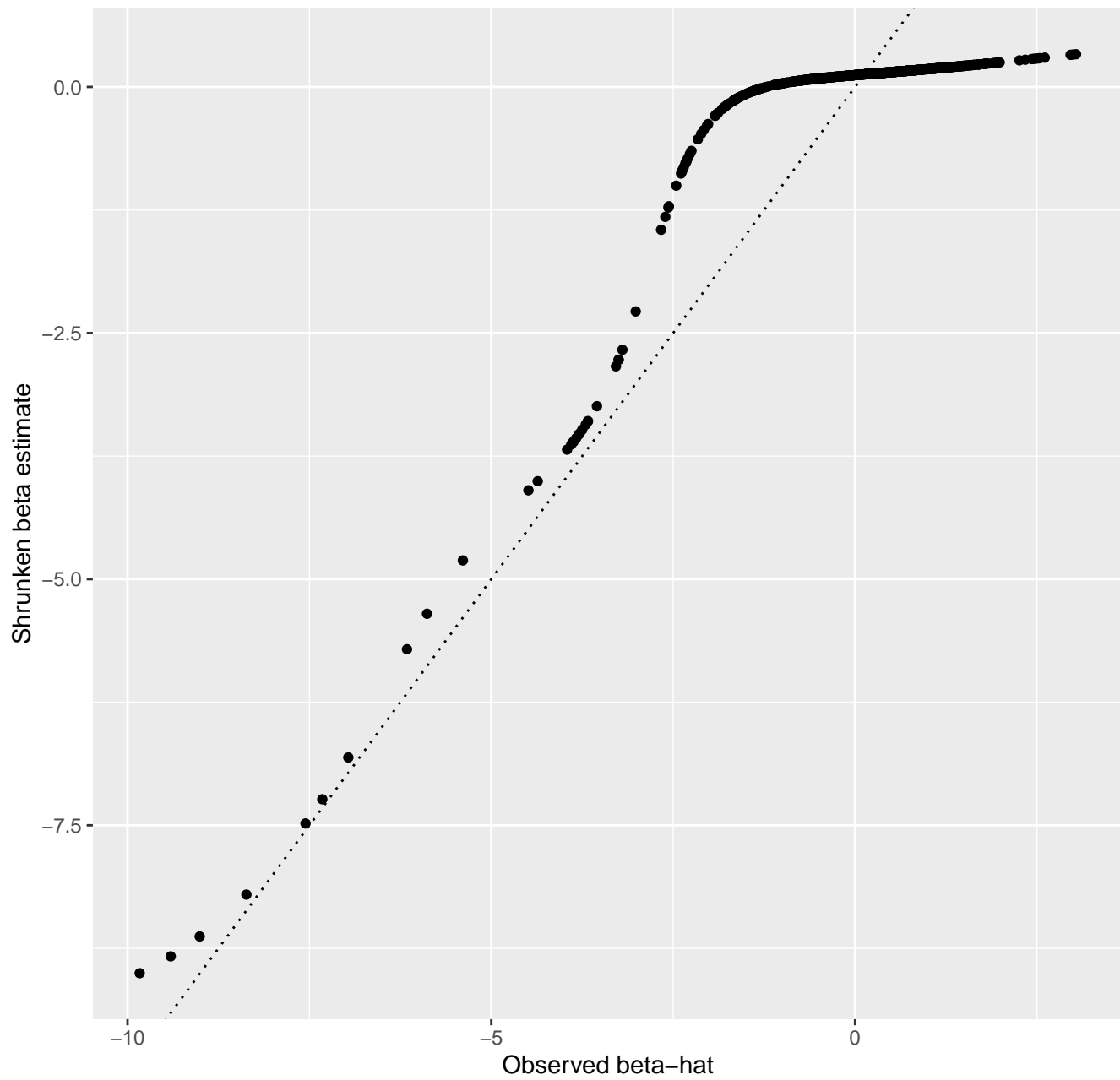




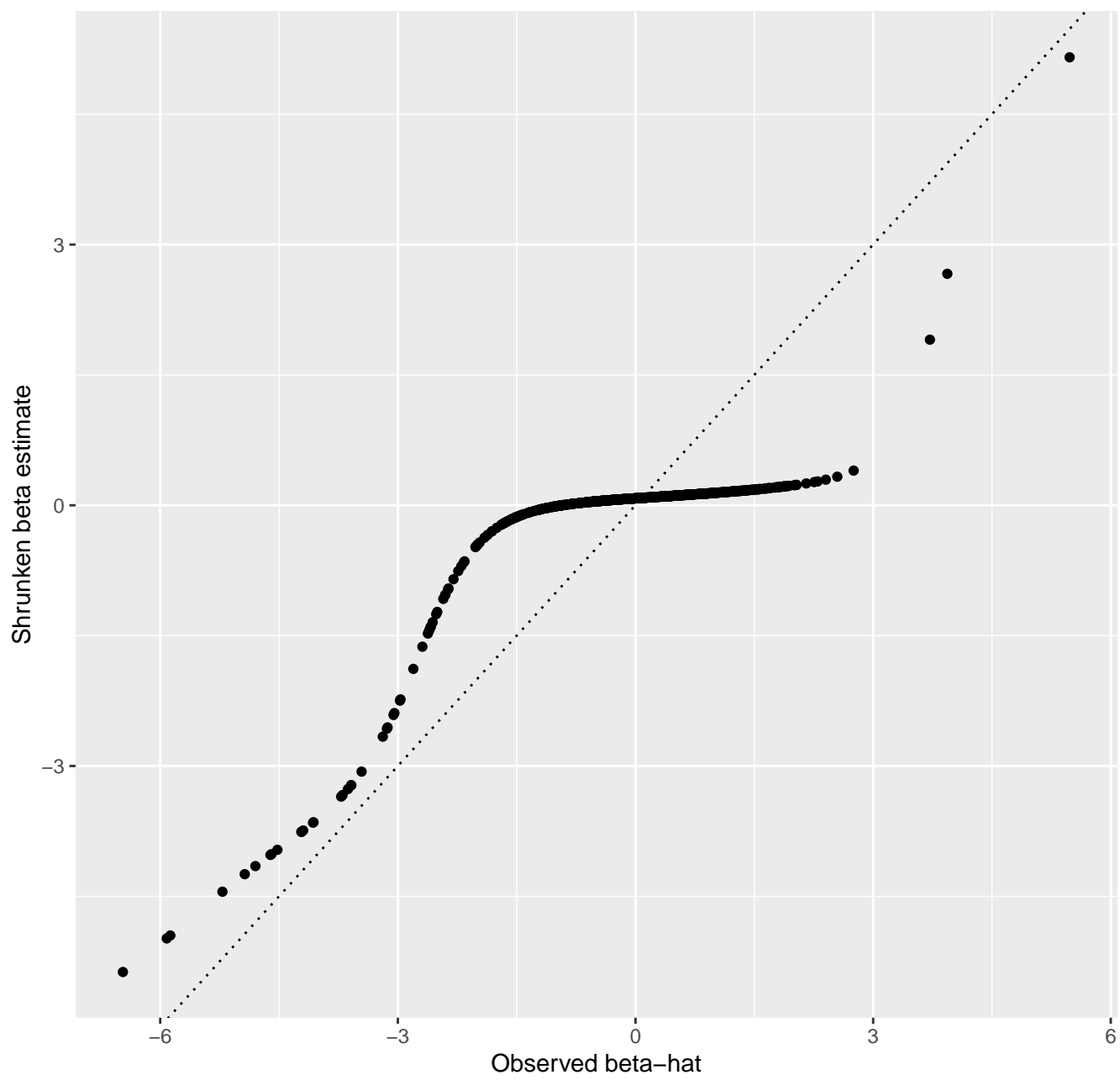
WDCP\_(80304) negative



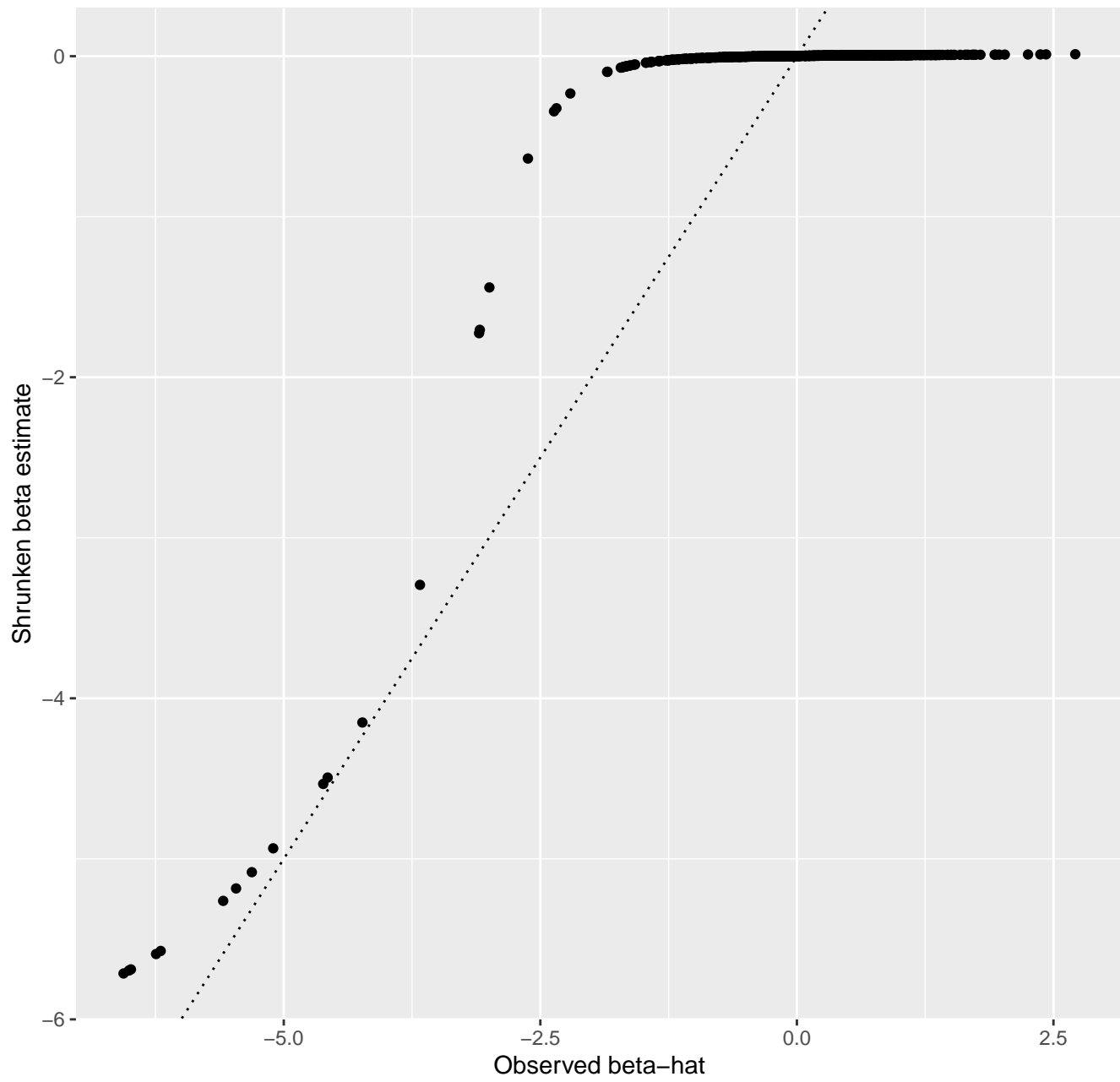
BAMBI\_(25805) negative



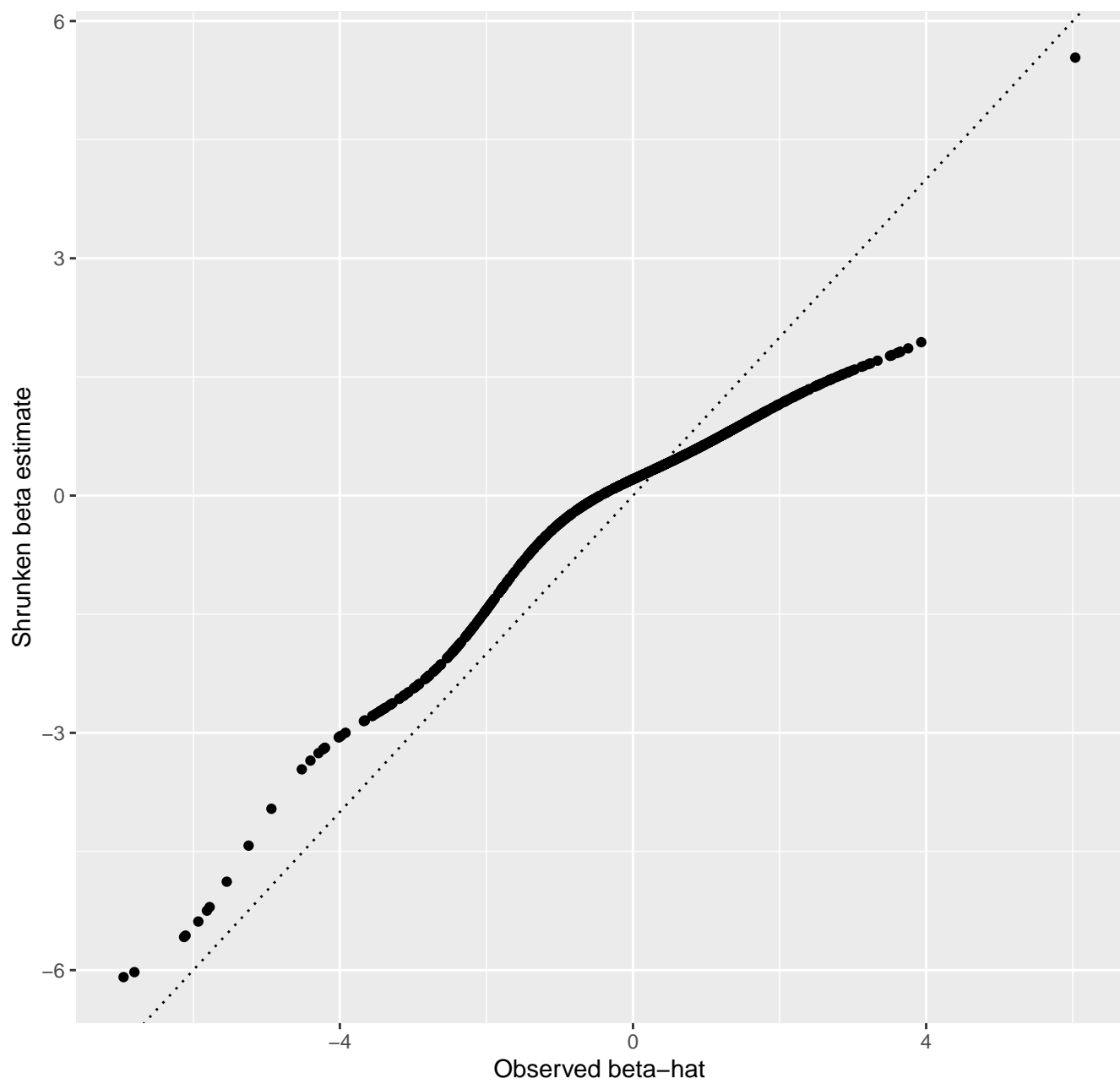
TNFAIP3\_(7128) negative



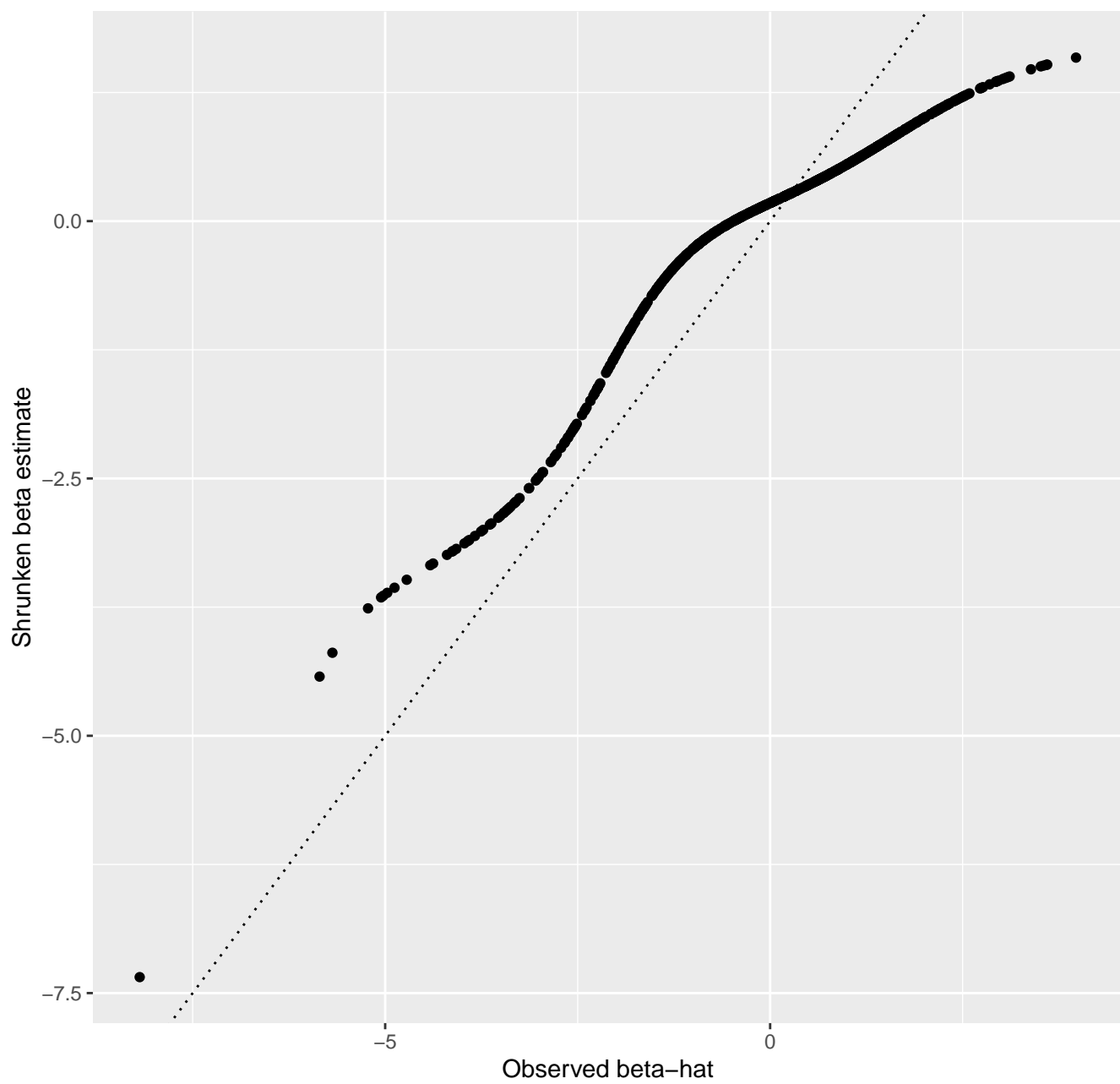
GFI1\_(2672) negative



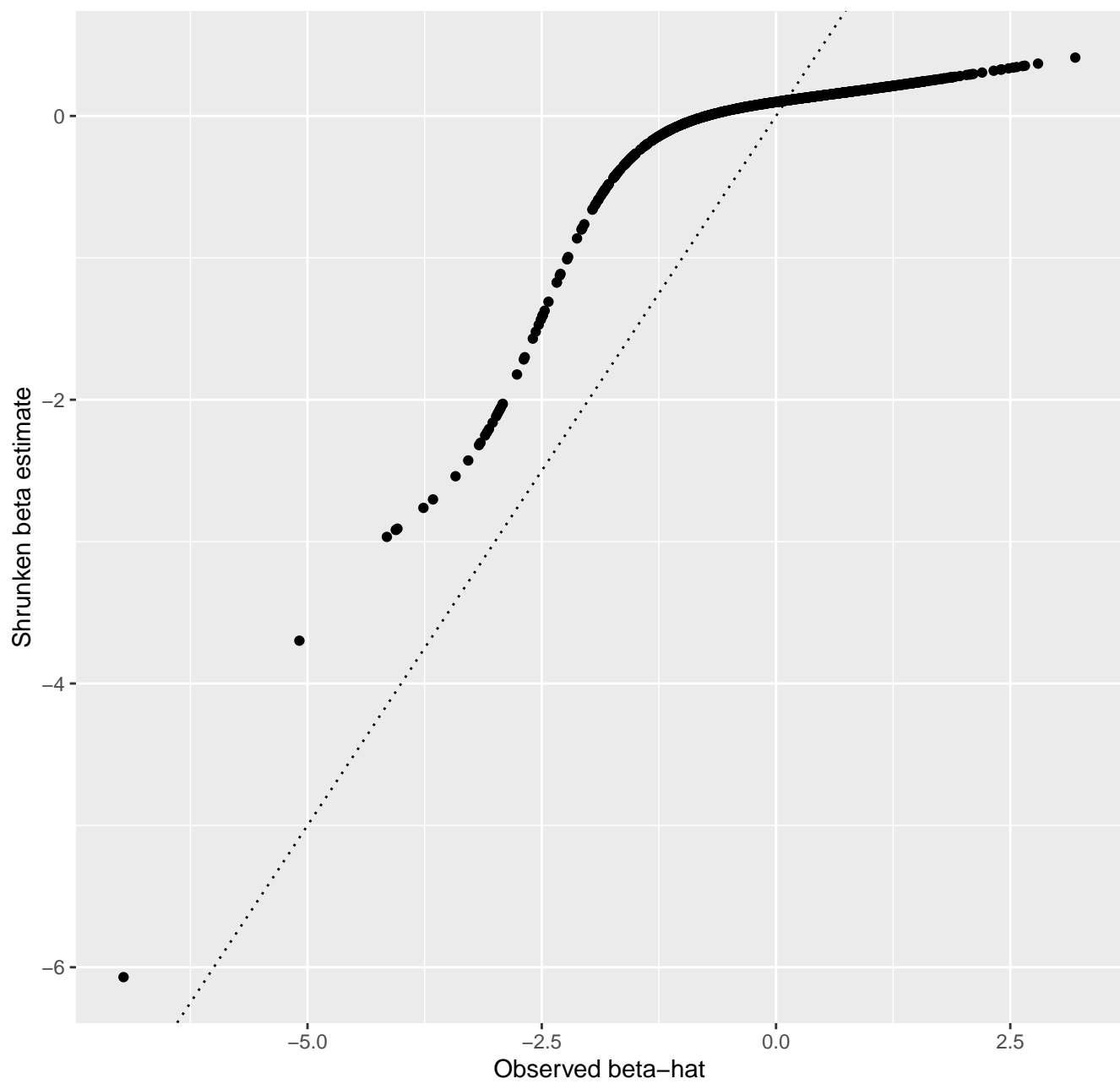
SPTSSA\_(171546) negative



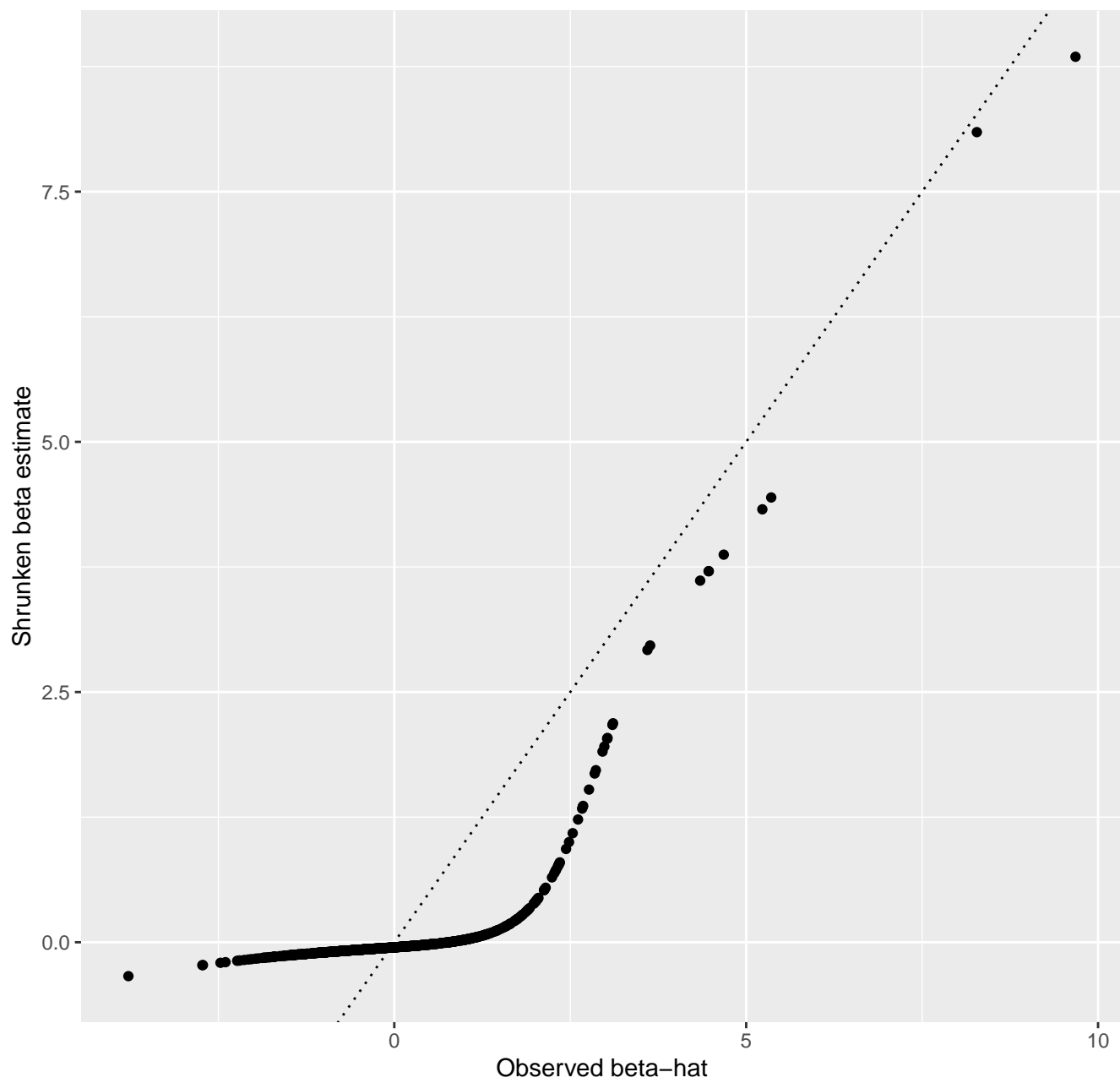
GRSF1\_(2926) negative



CLPX\_(10845) negative

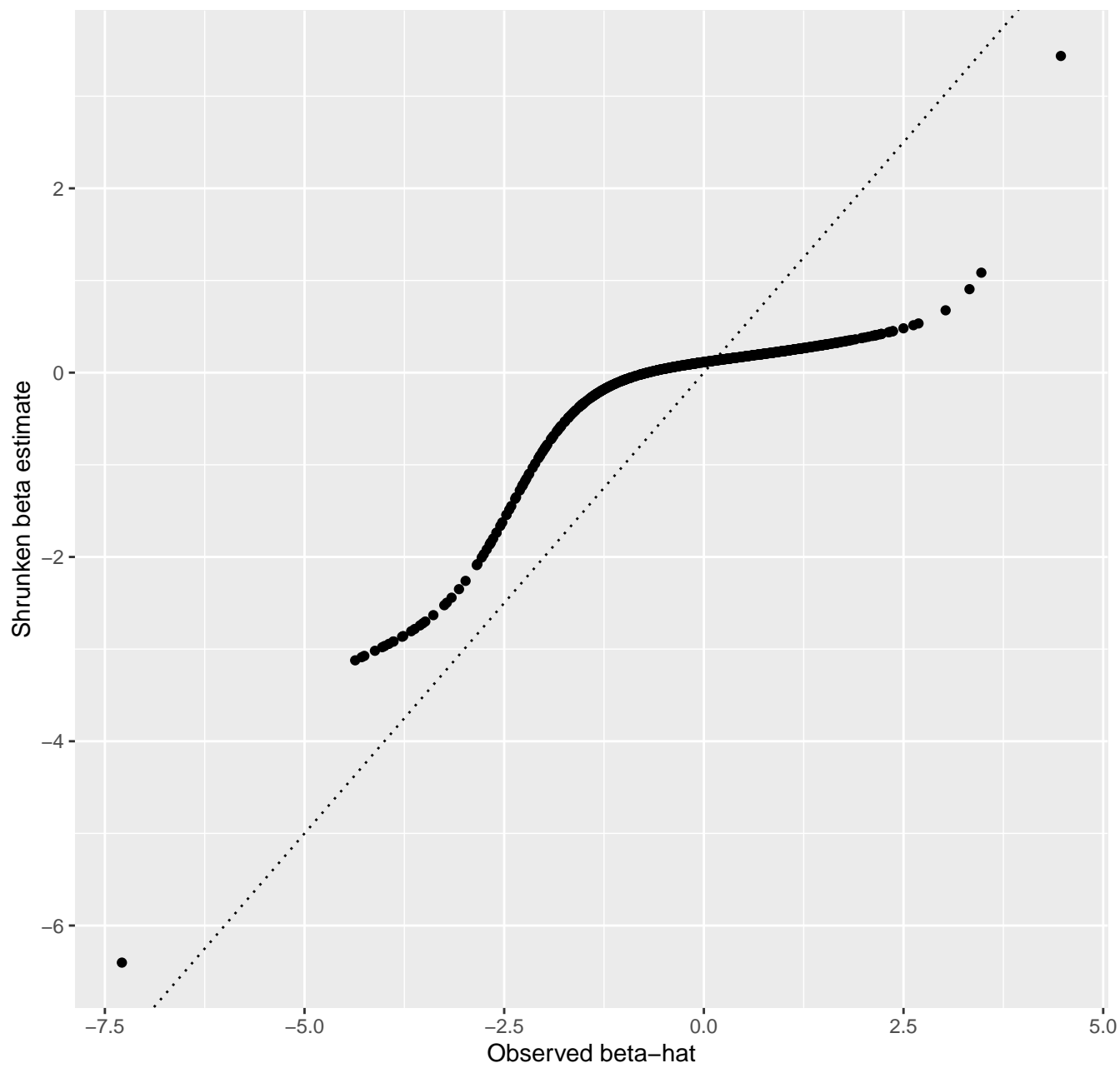


PLEKHA1\_(59338) positive





FNDC3B\_(64778) negative



PEX12\_(5193) negative

Shrunken beta estimate

Observed beta-hat

0

-2

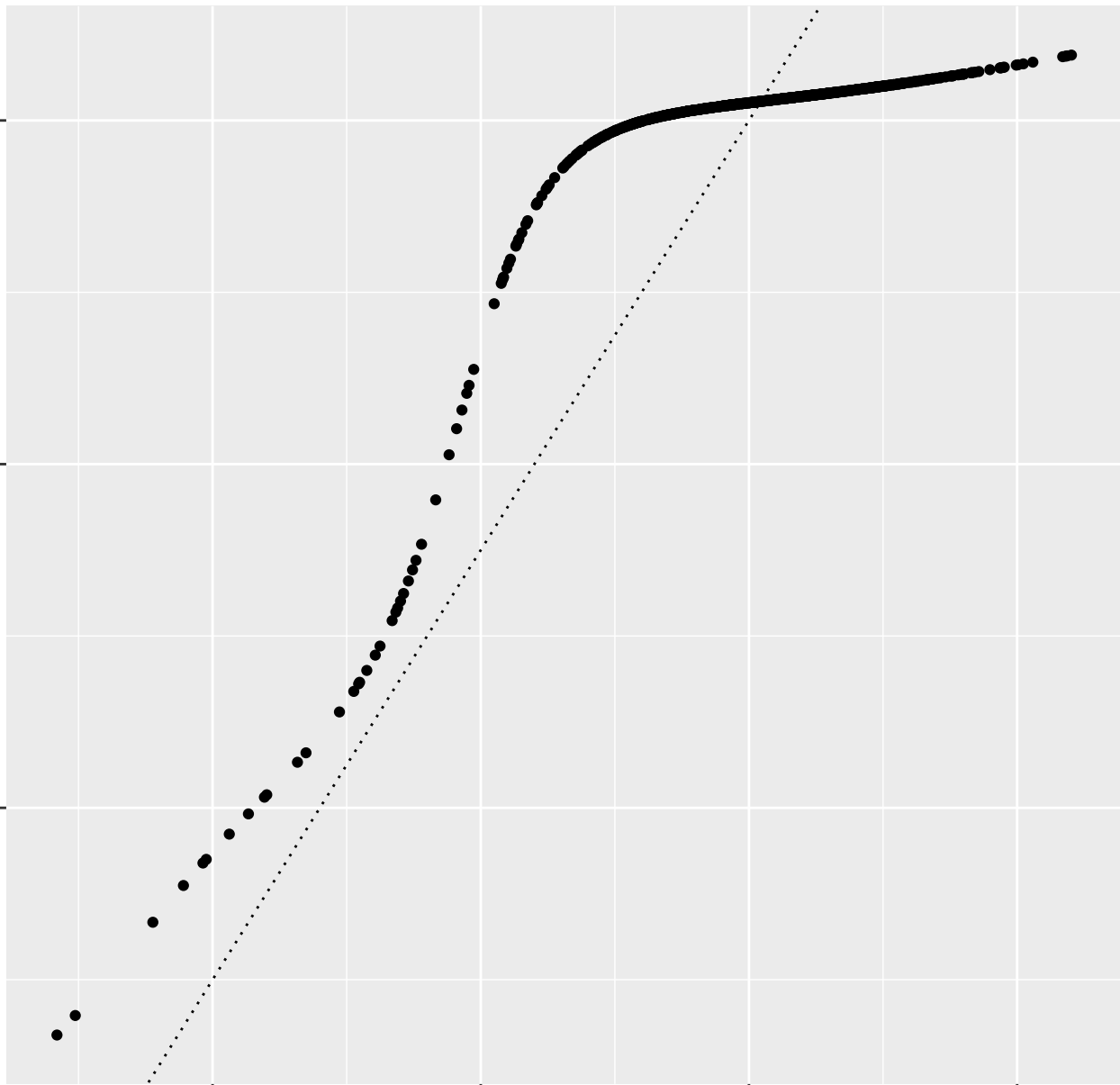
-4

-5.0

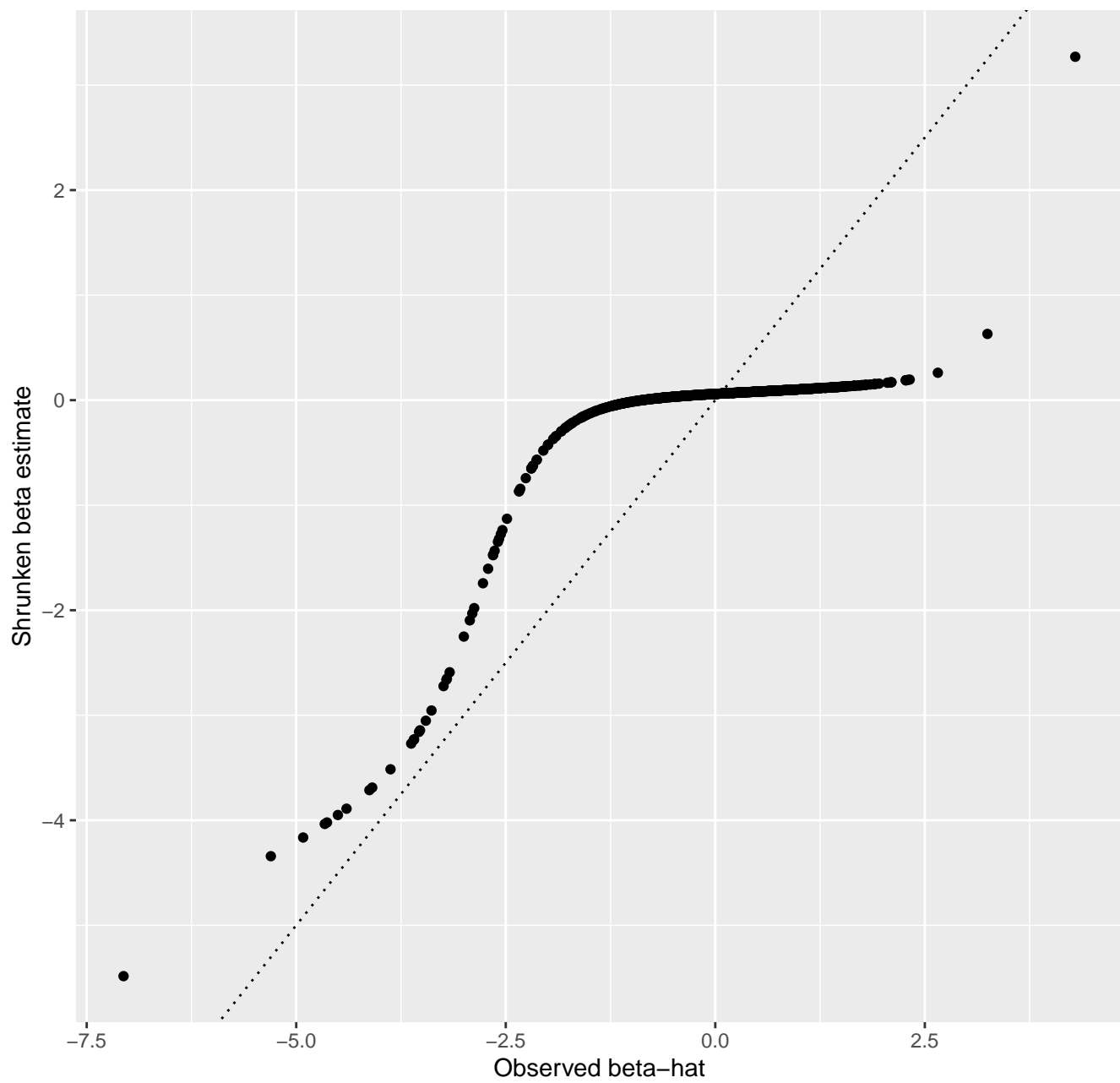
-2.5

0.0

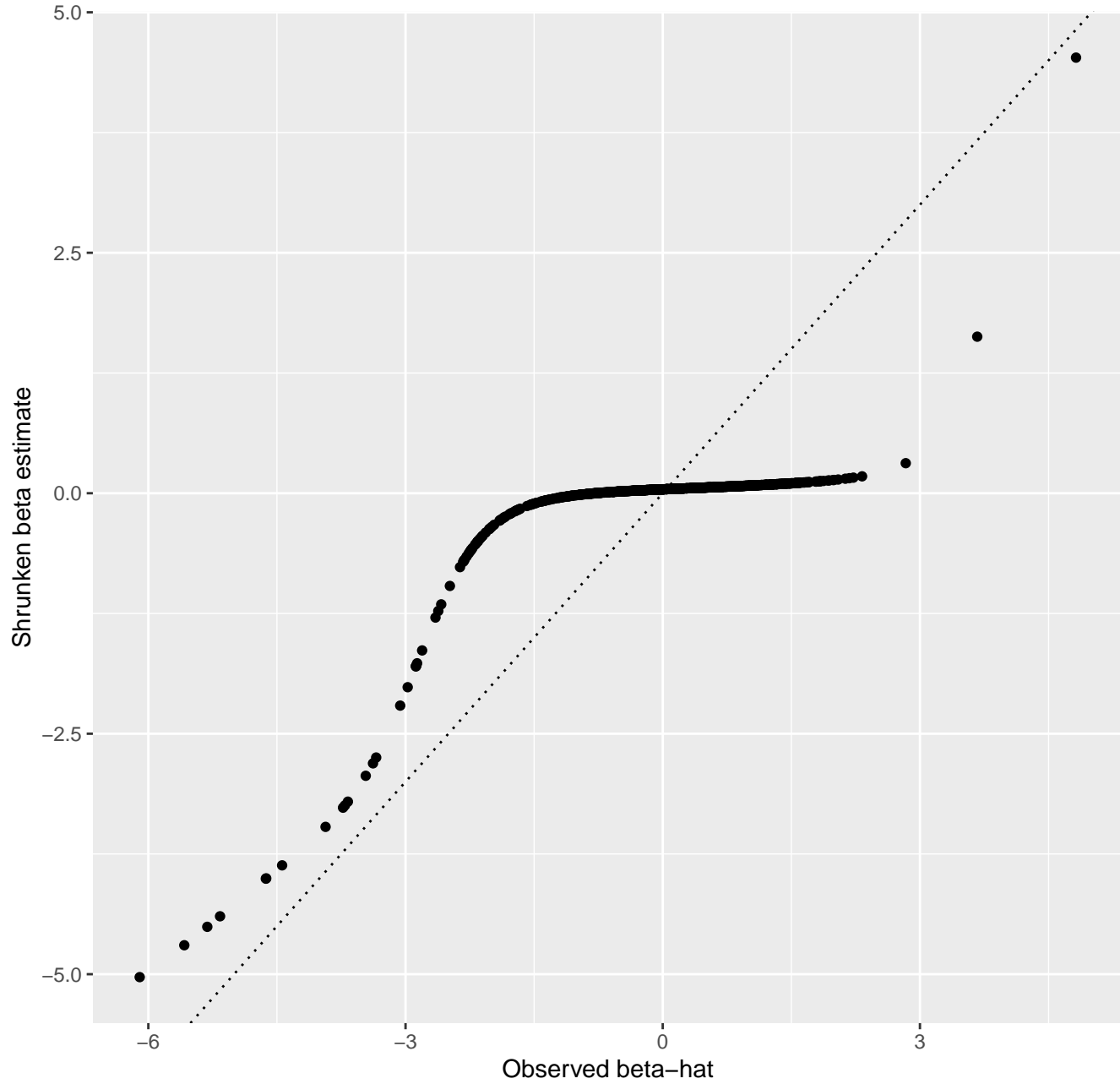
2.5



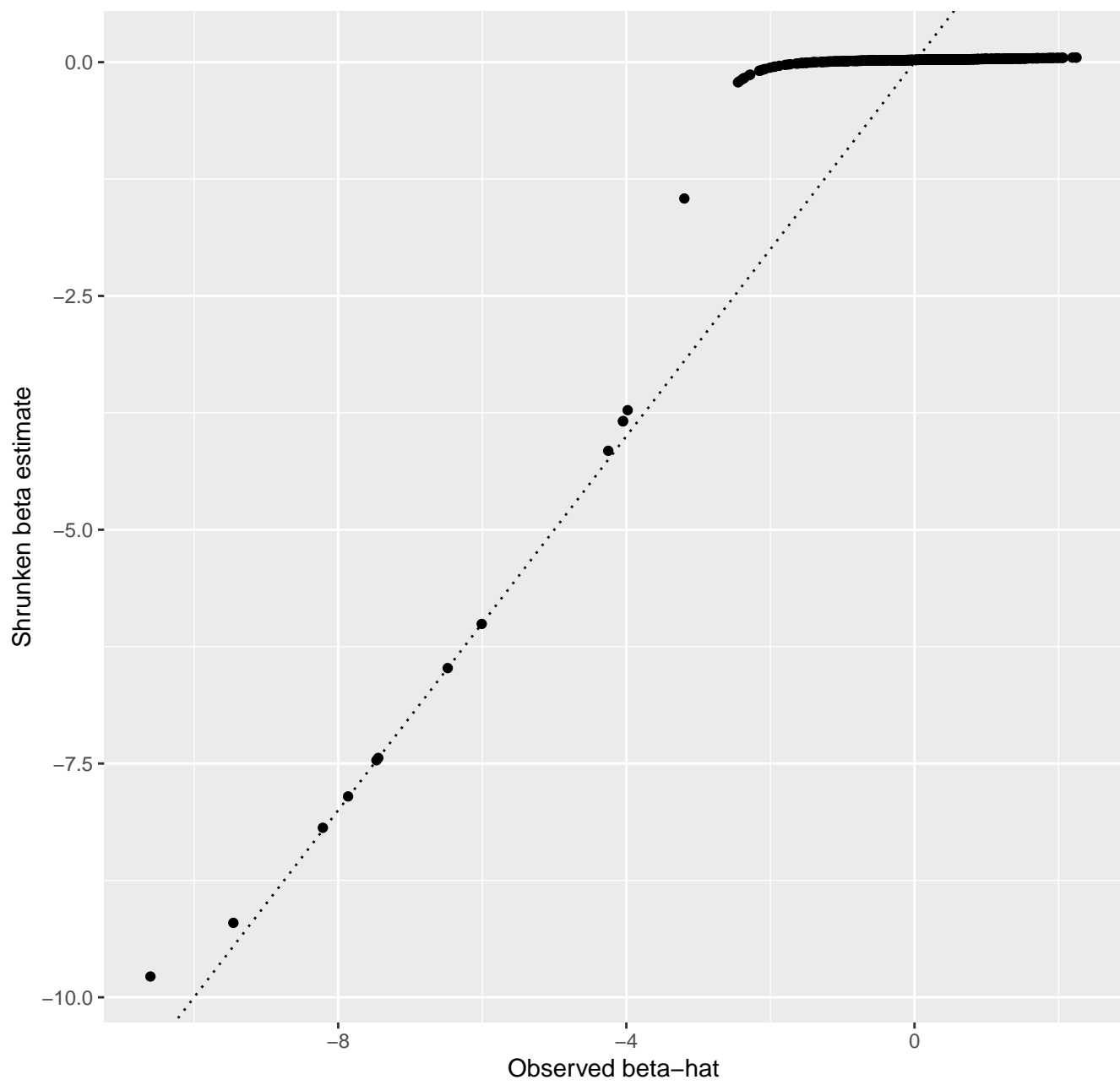
ATRN\_(8455) negative



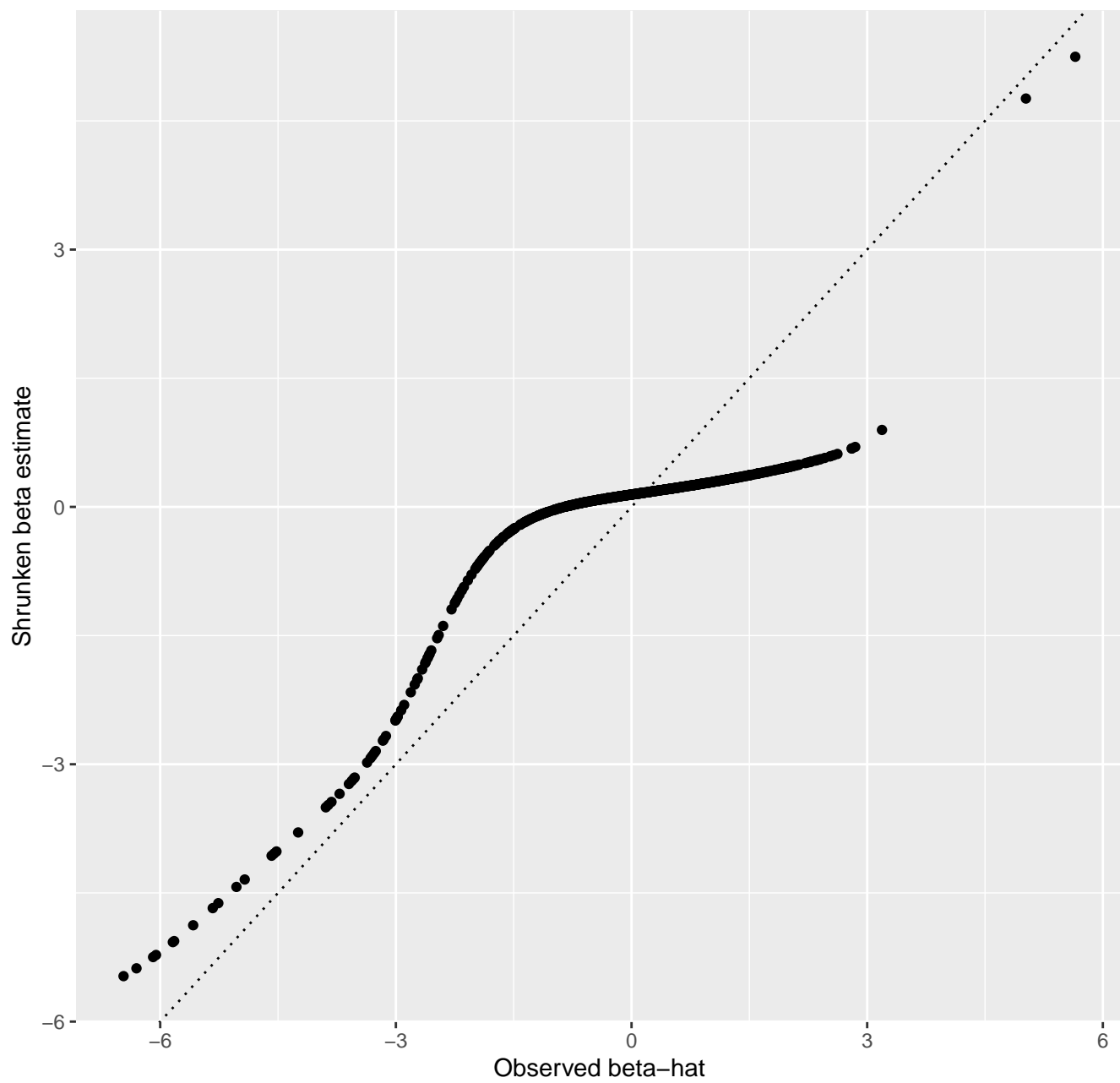
DNAJC3\_(5611) negative



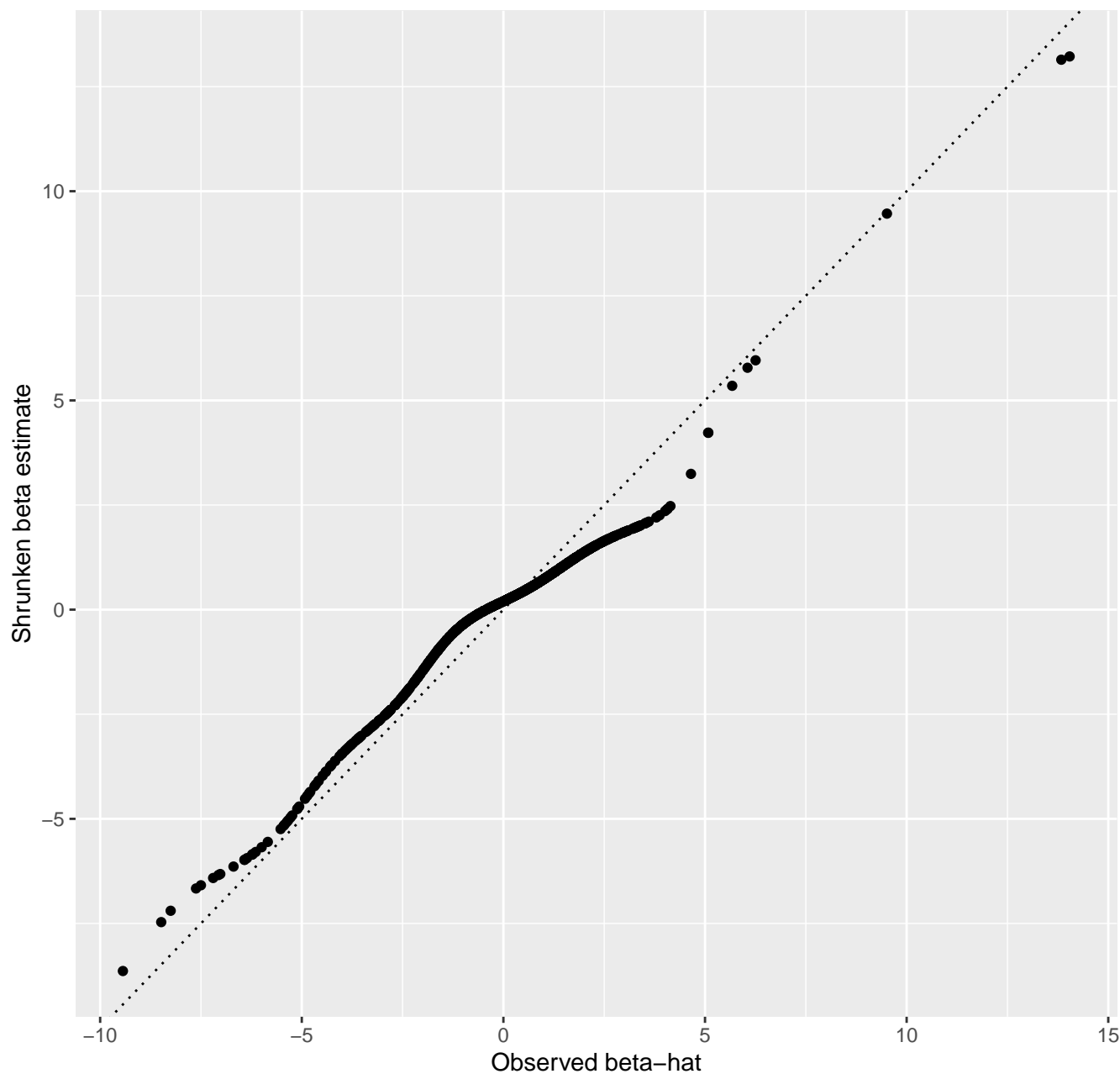
MYRF\_(745) negative



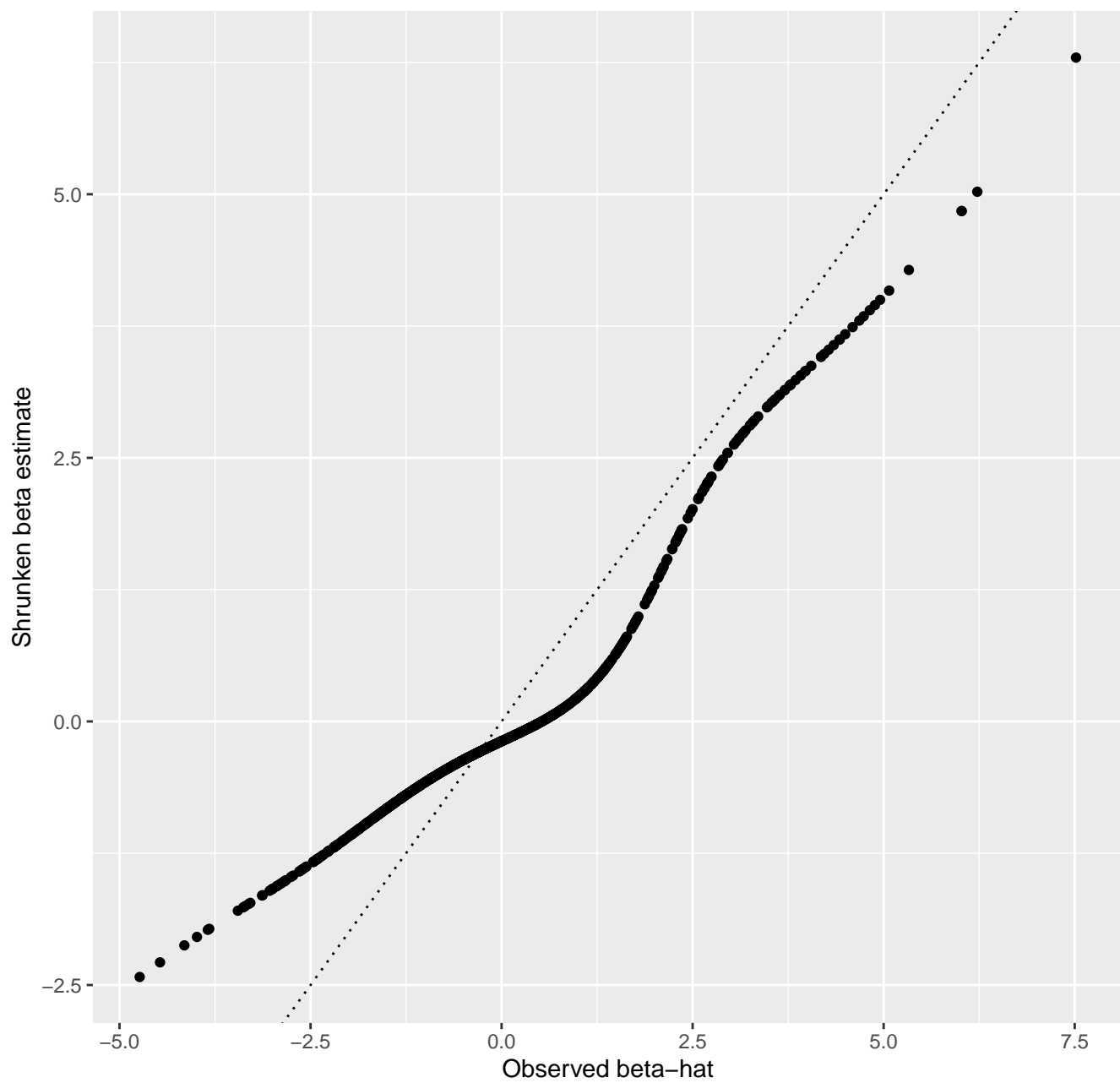
PEX26\_(55670) negative



FASN\_(2194) negative

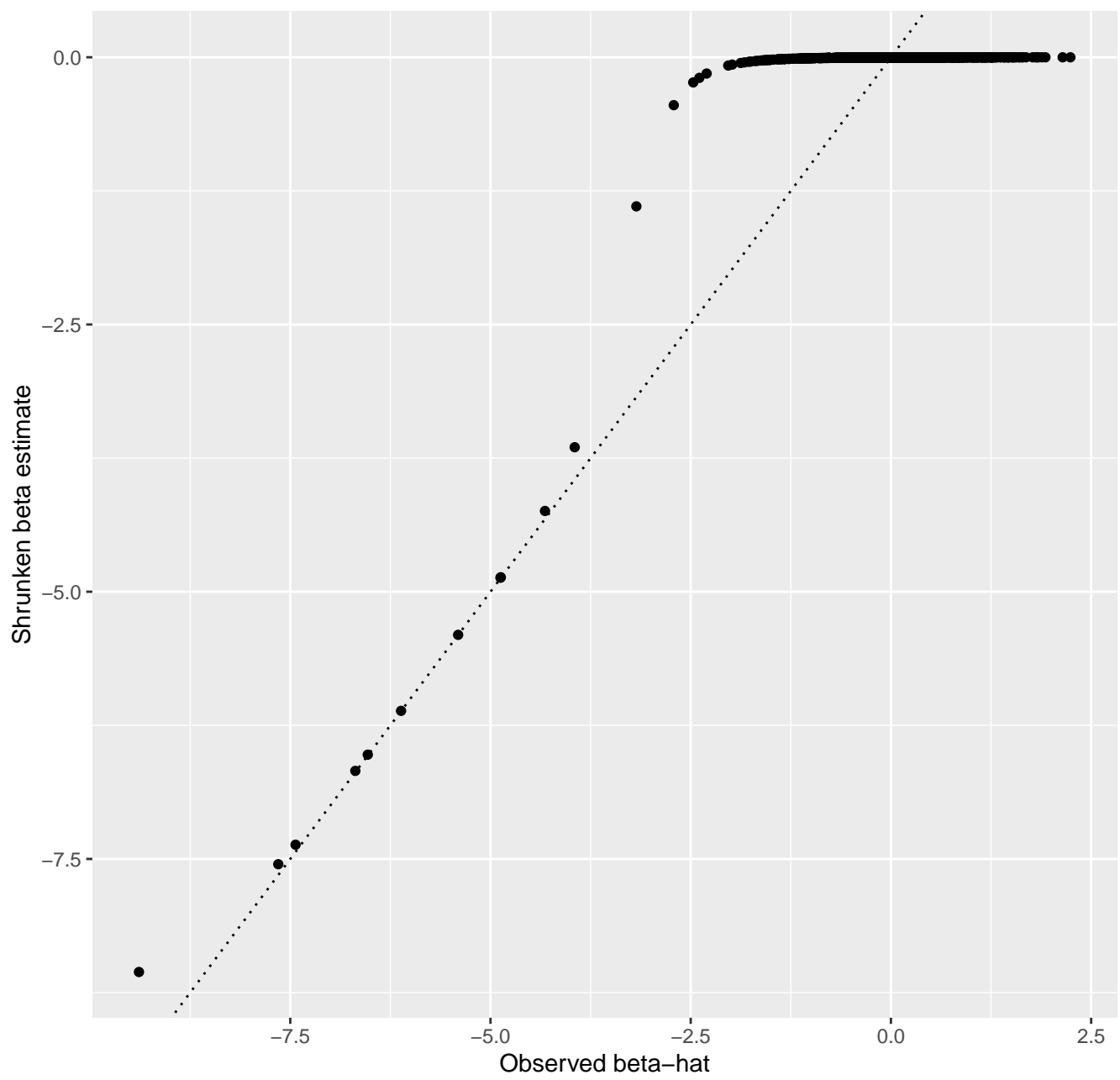


COPE\_(11316) positive

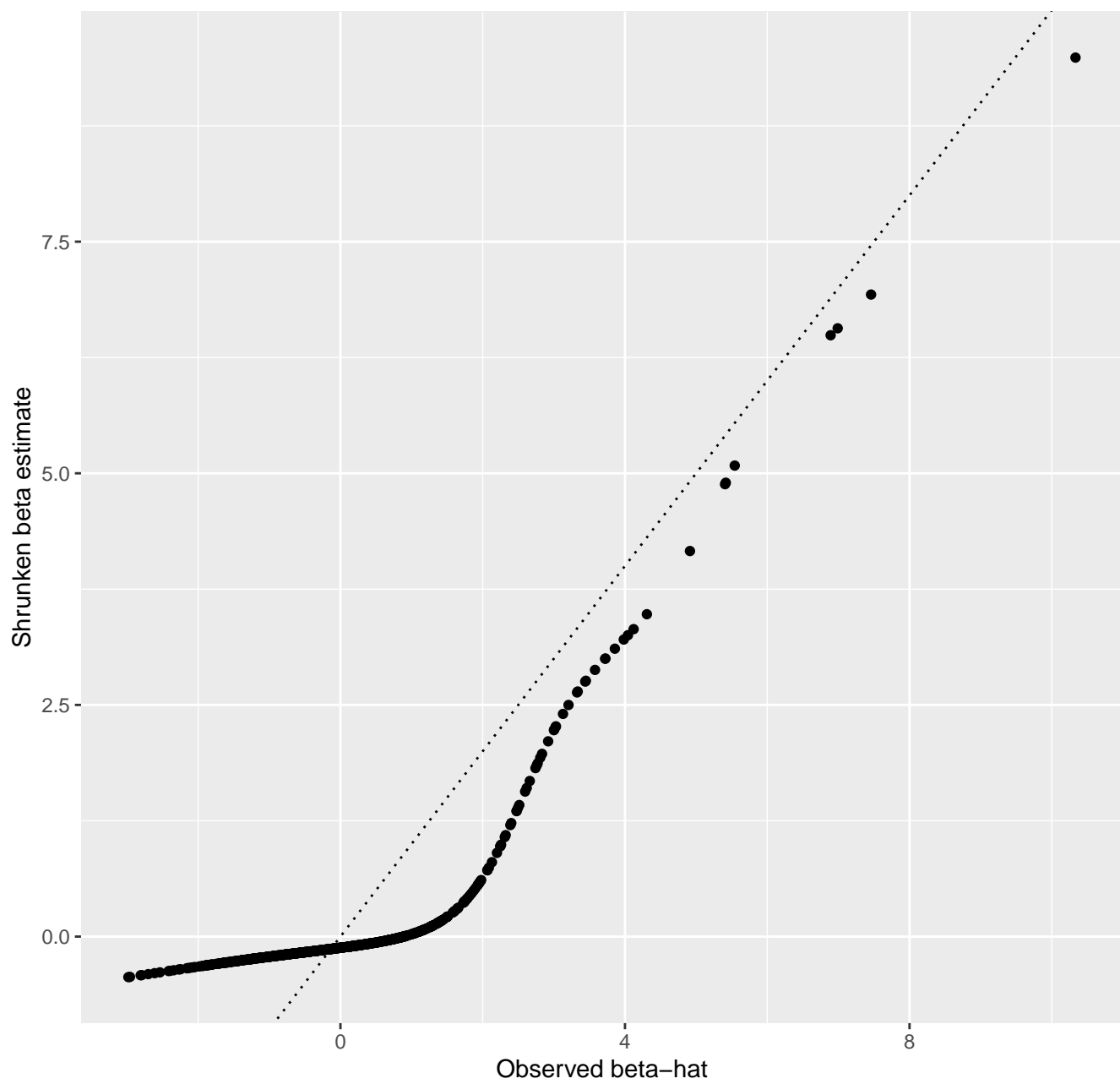




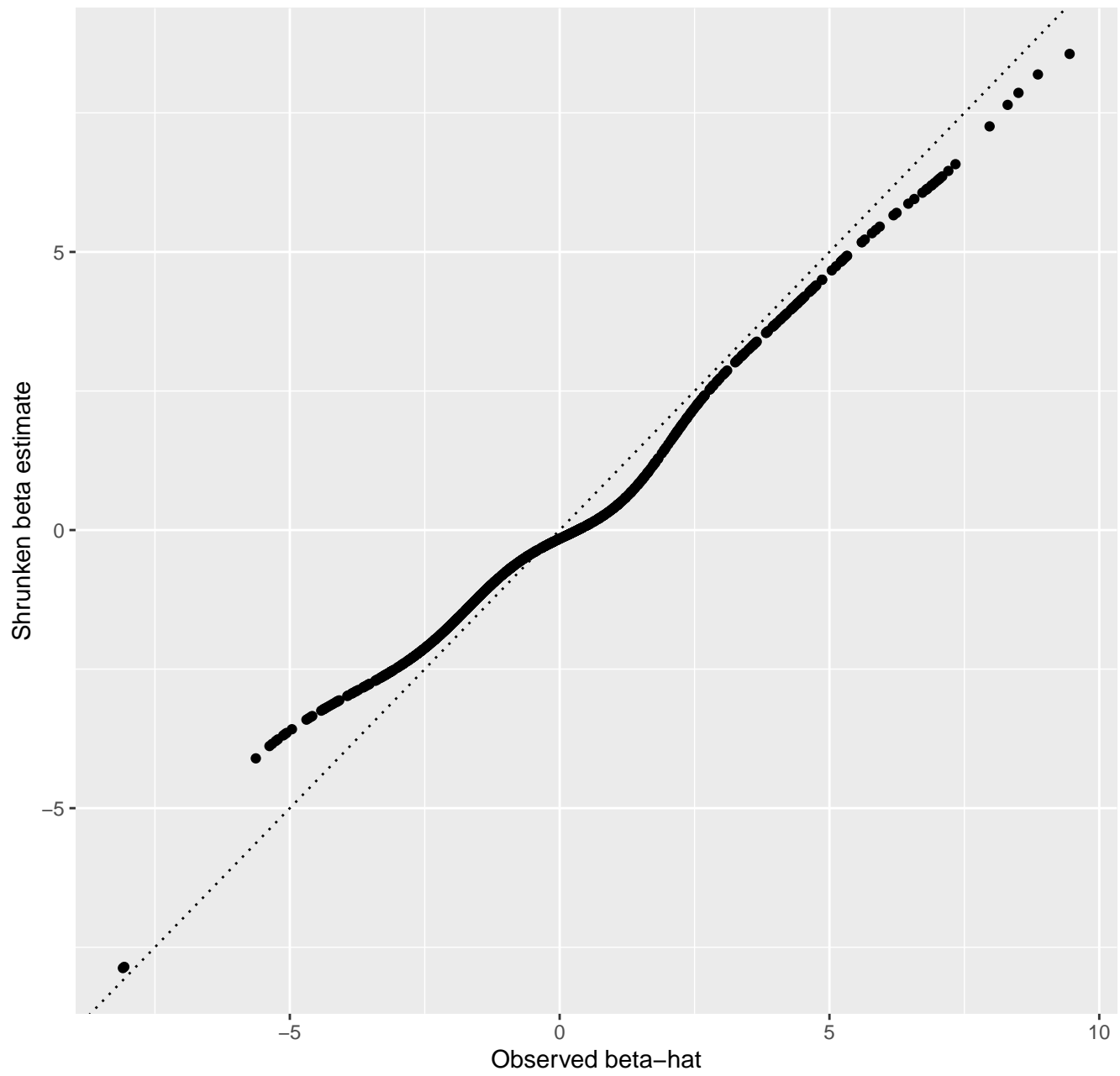
TFAP2B\_(7021) negative



EPHA2\_(1969) positive



THAP1\_(55145) positive



ESR1\_(2099) negative

Shrunken beta estimate

Observed beta-hat

0.0

-2.5

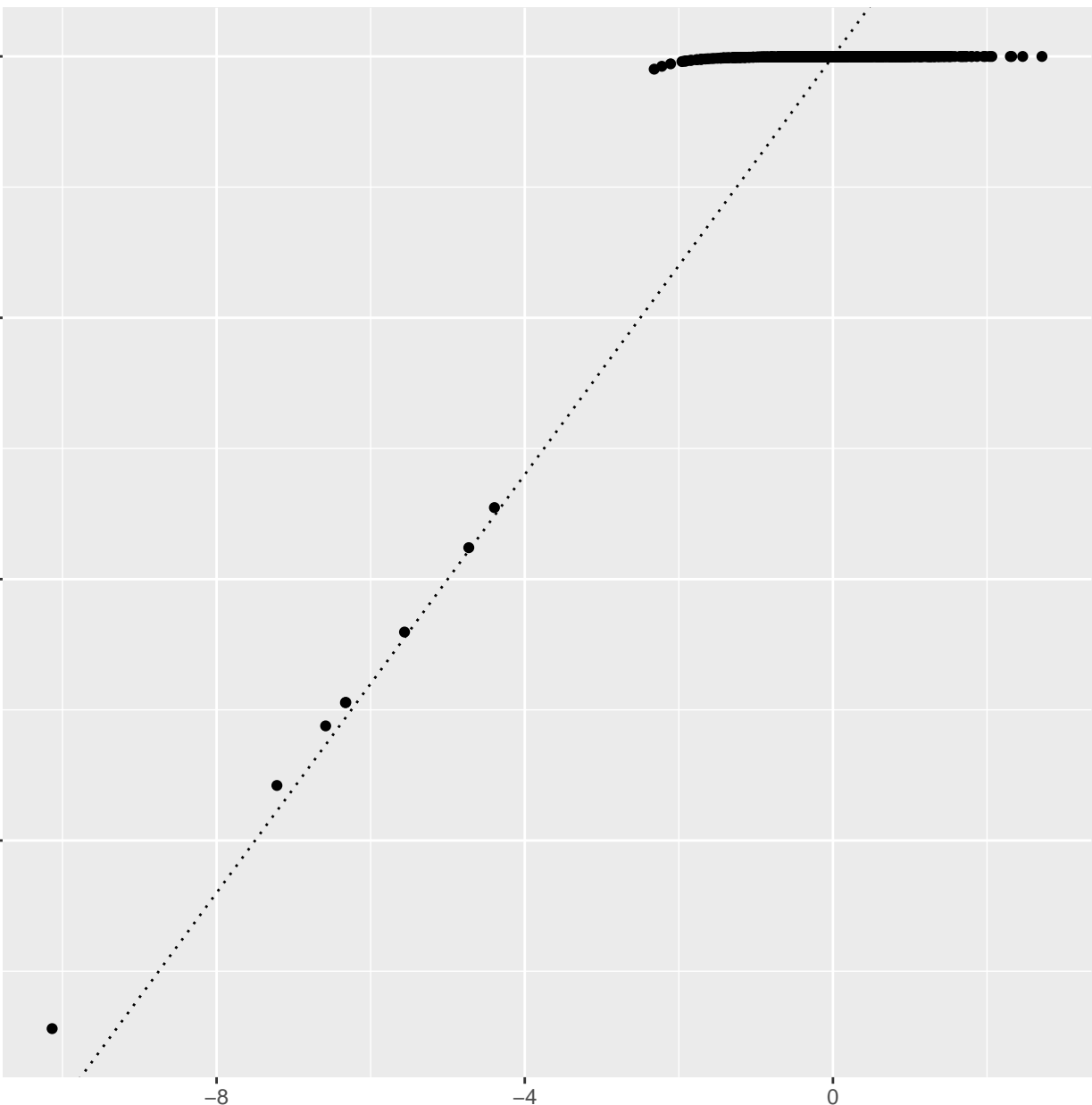
-5.0

-7.5

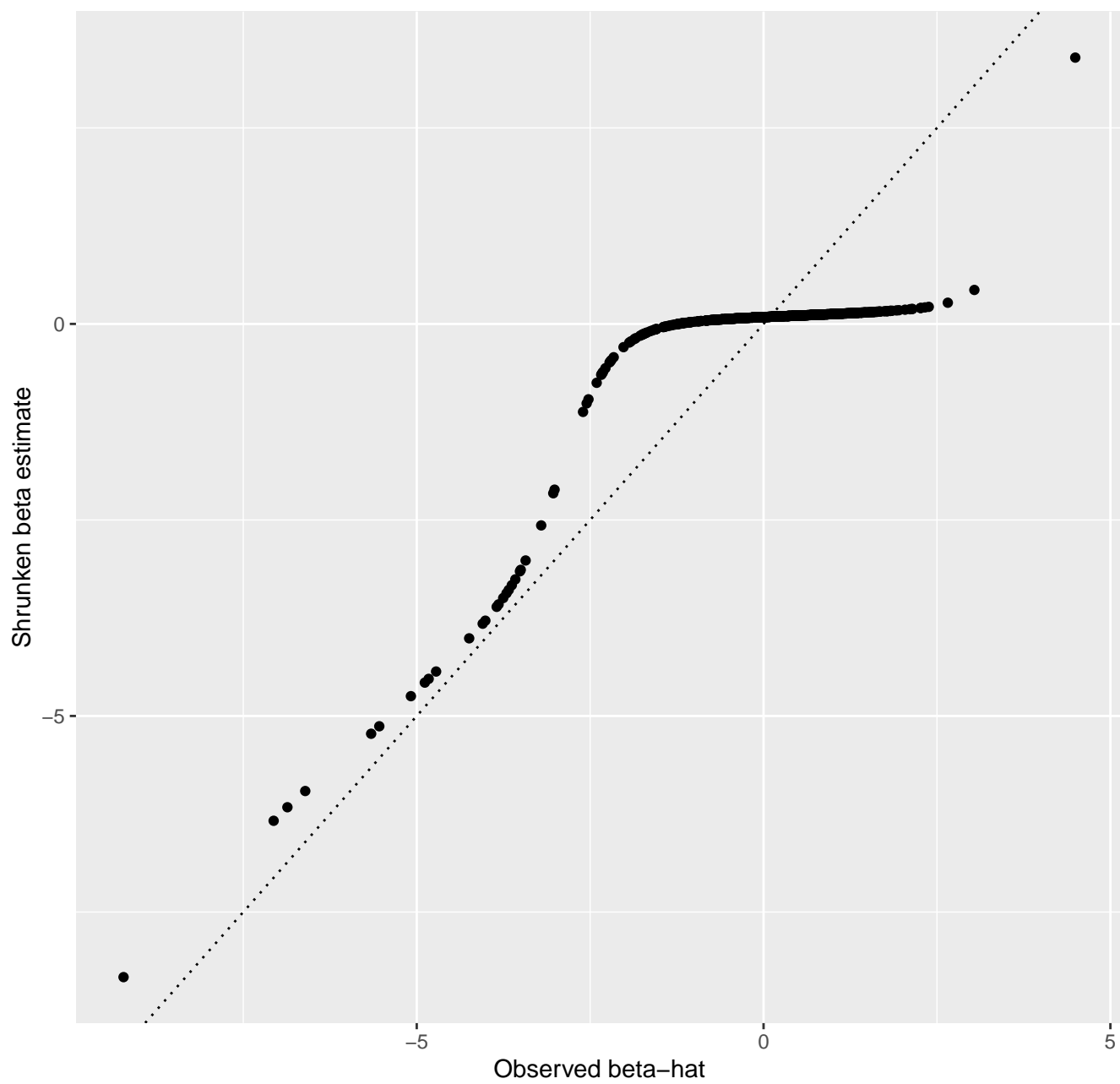
-8

-4

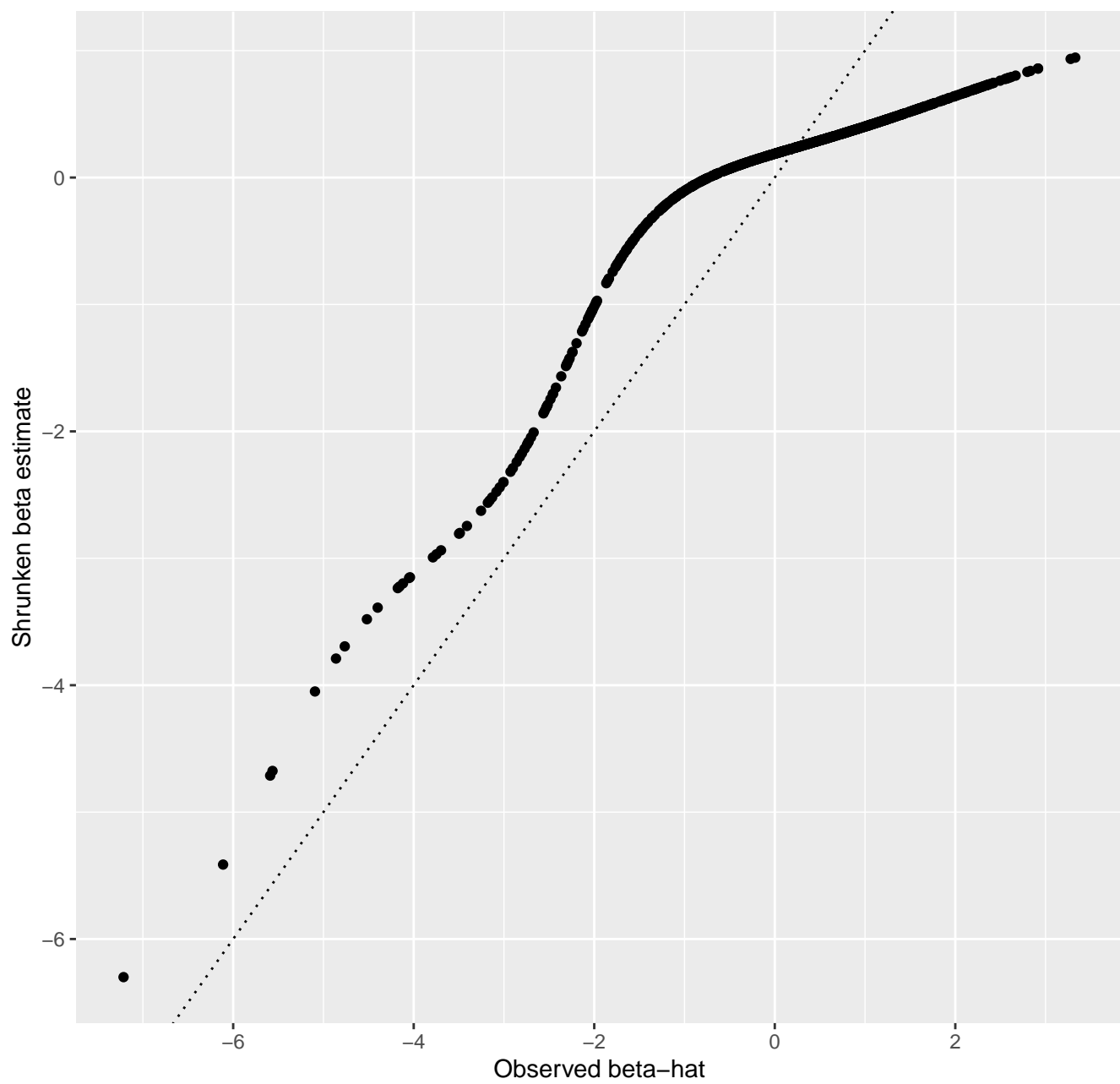
0



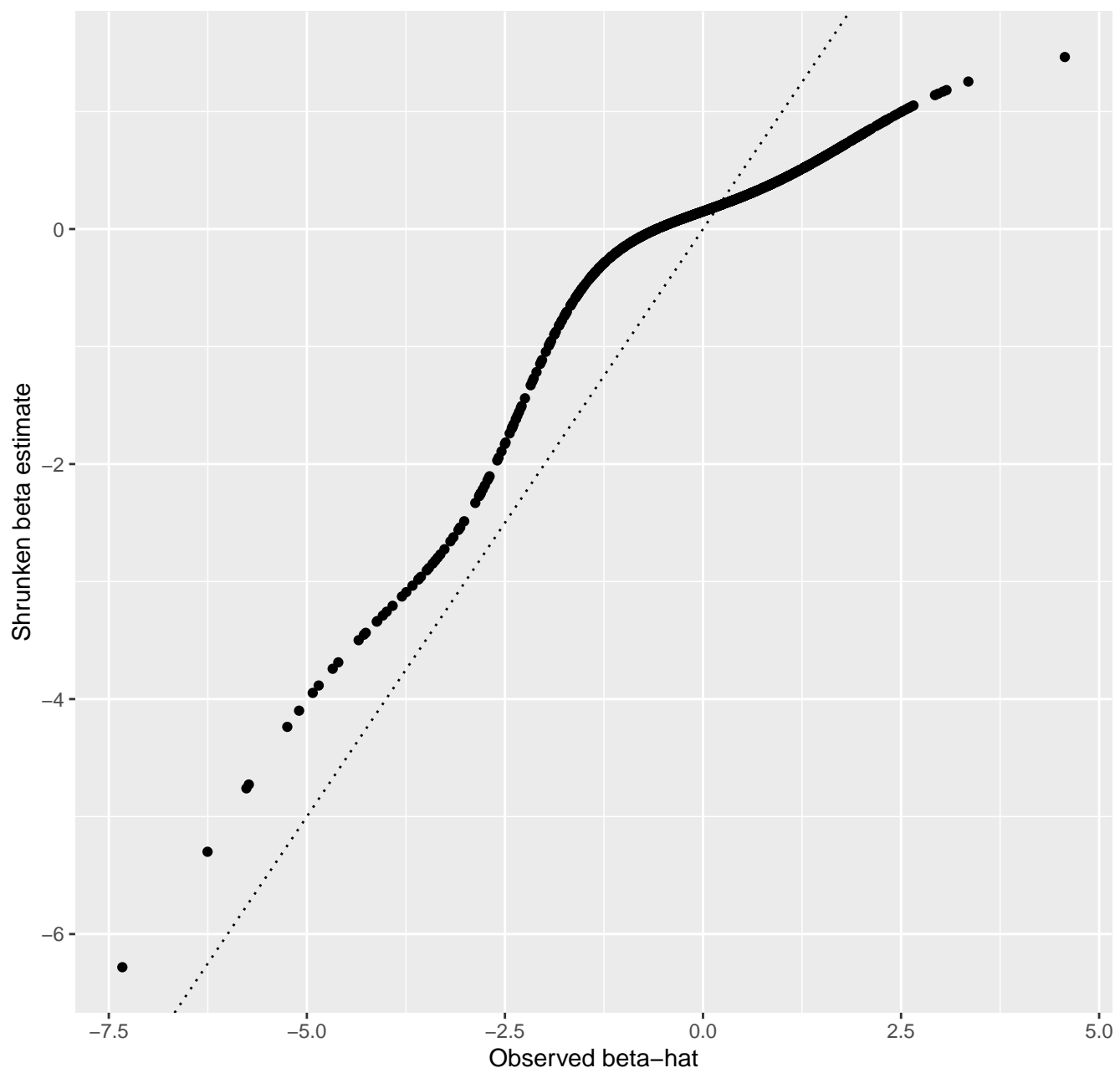
IKZF1\_(10320) negative



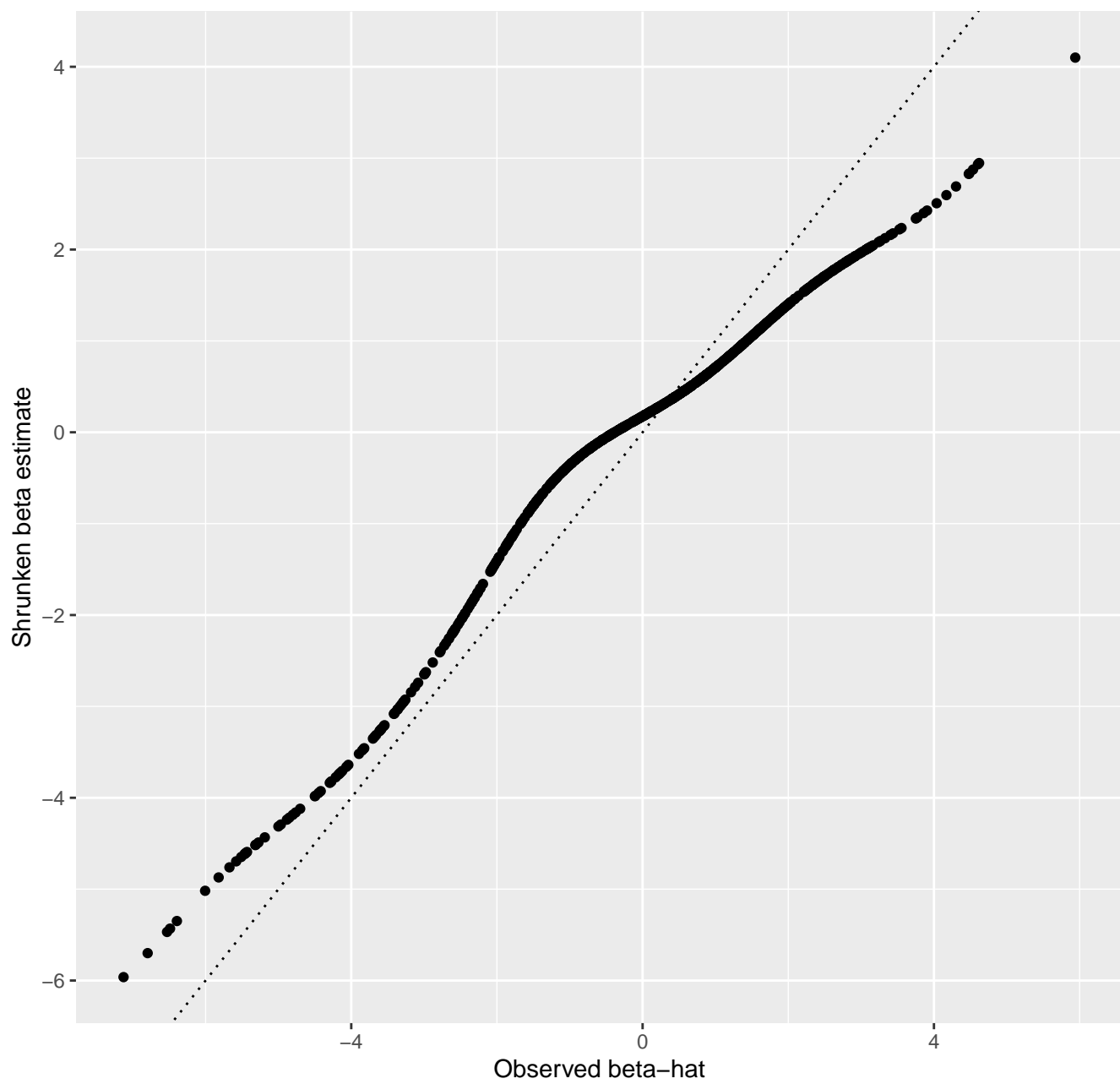
NGLY1\_(55768) negative



TMEM167A\_(153339) negative

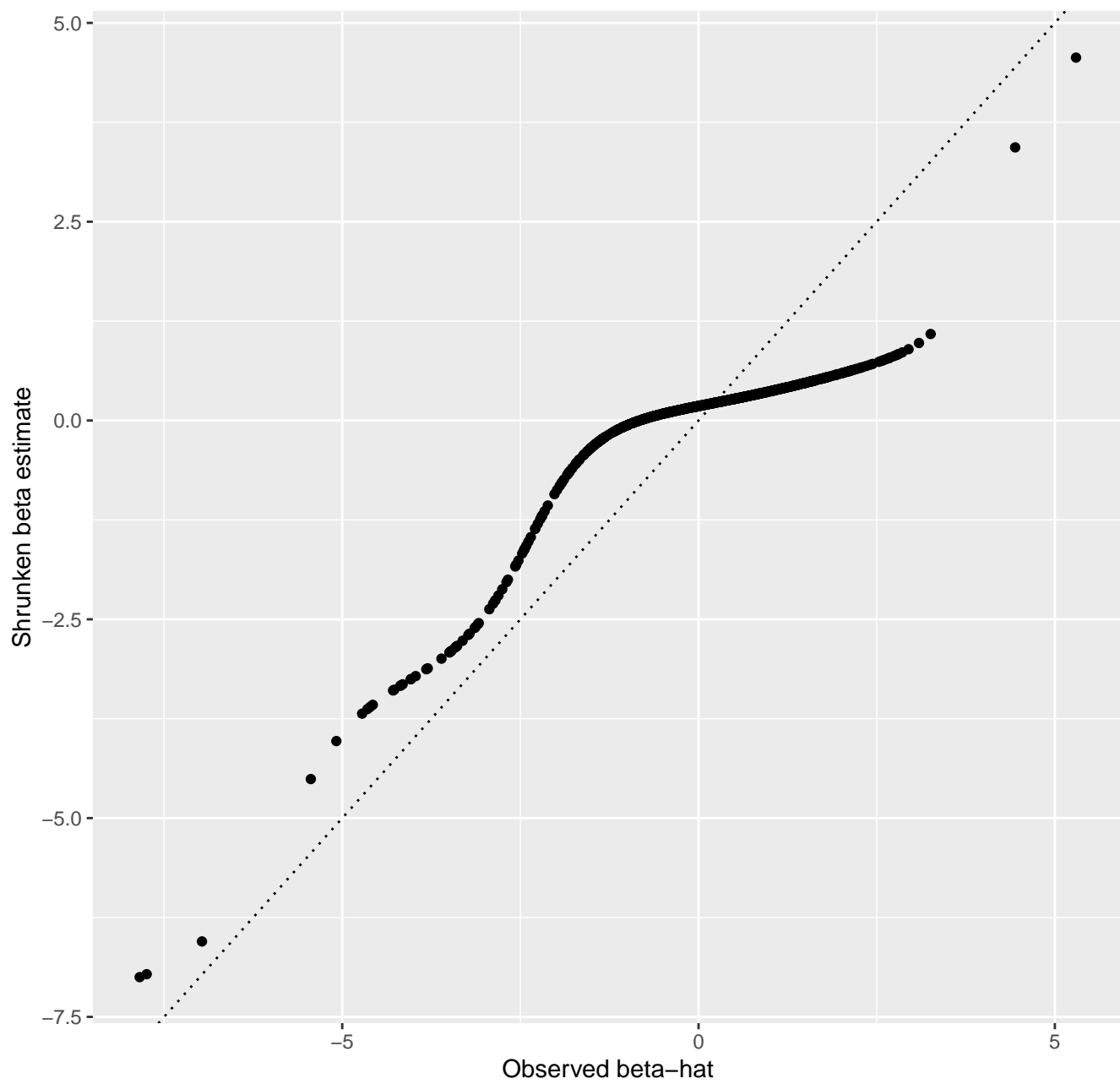


NDUFA8\_(4702) negative

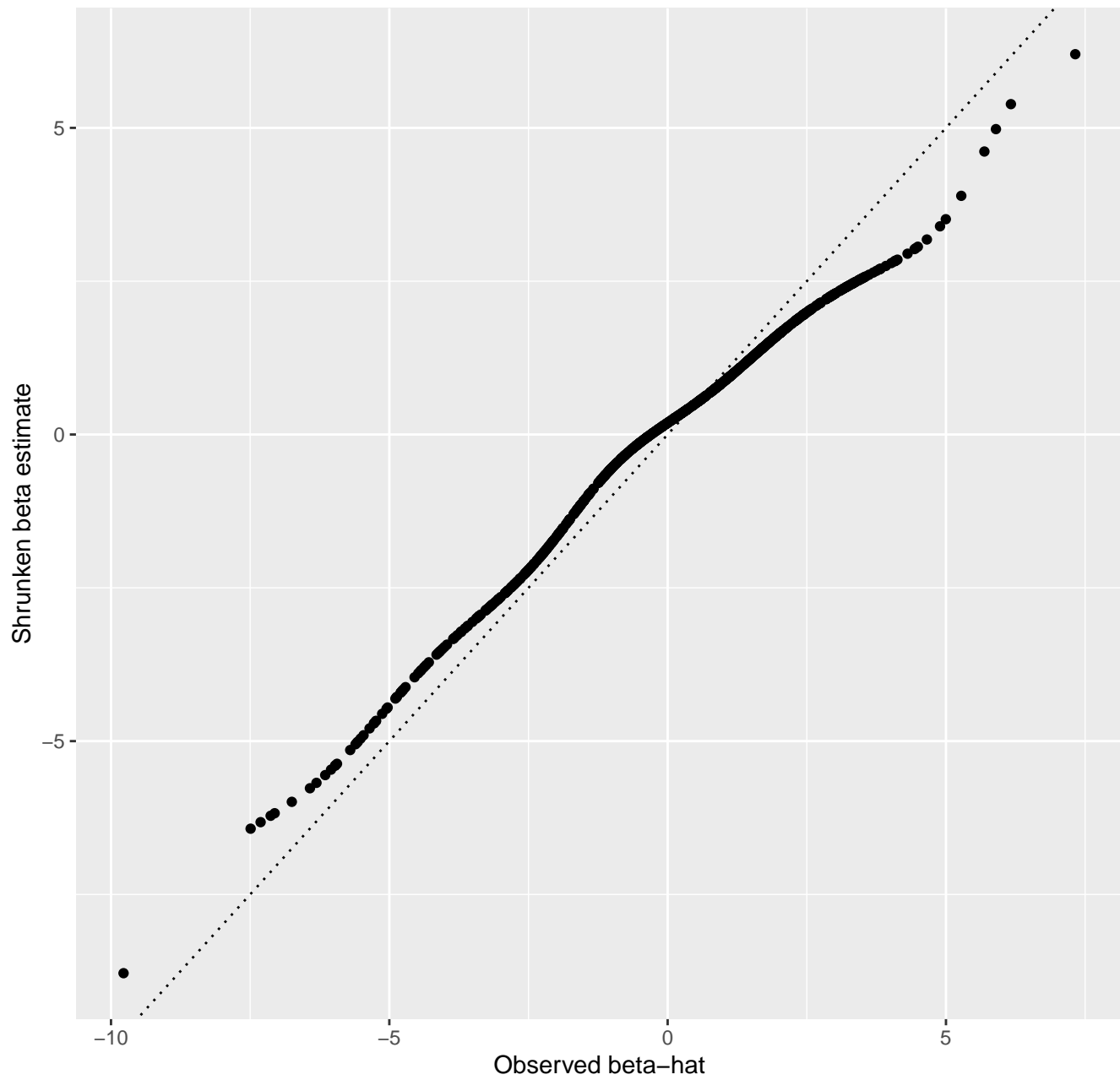




GCLC\_(2729) negative



PGM3\_(5238) positive



TENT4B\_(64282) negative

Shrunken beta estimate

0

-2

-4

-6

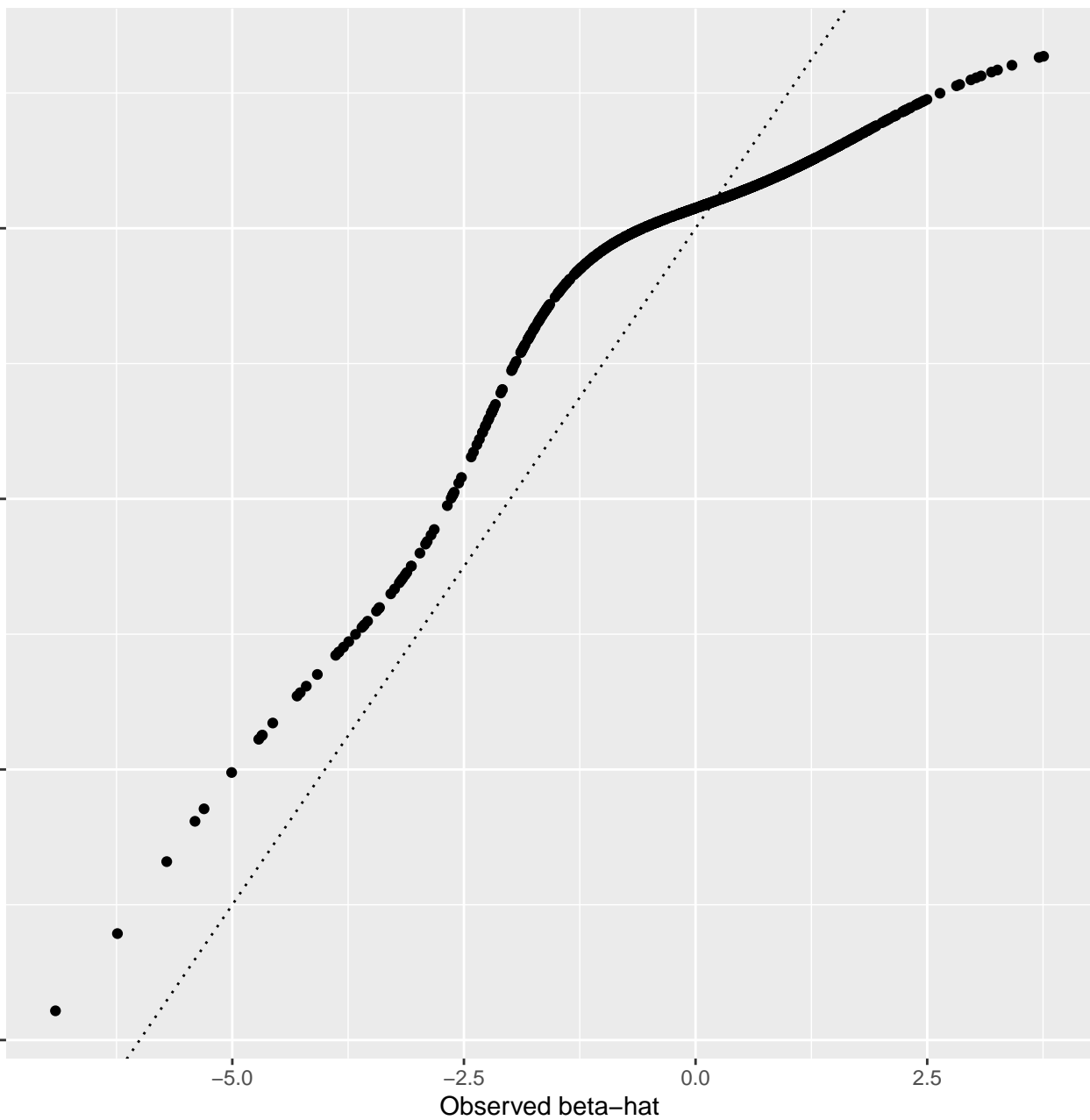
Observed beta-hat

-5.0

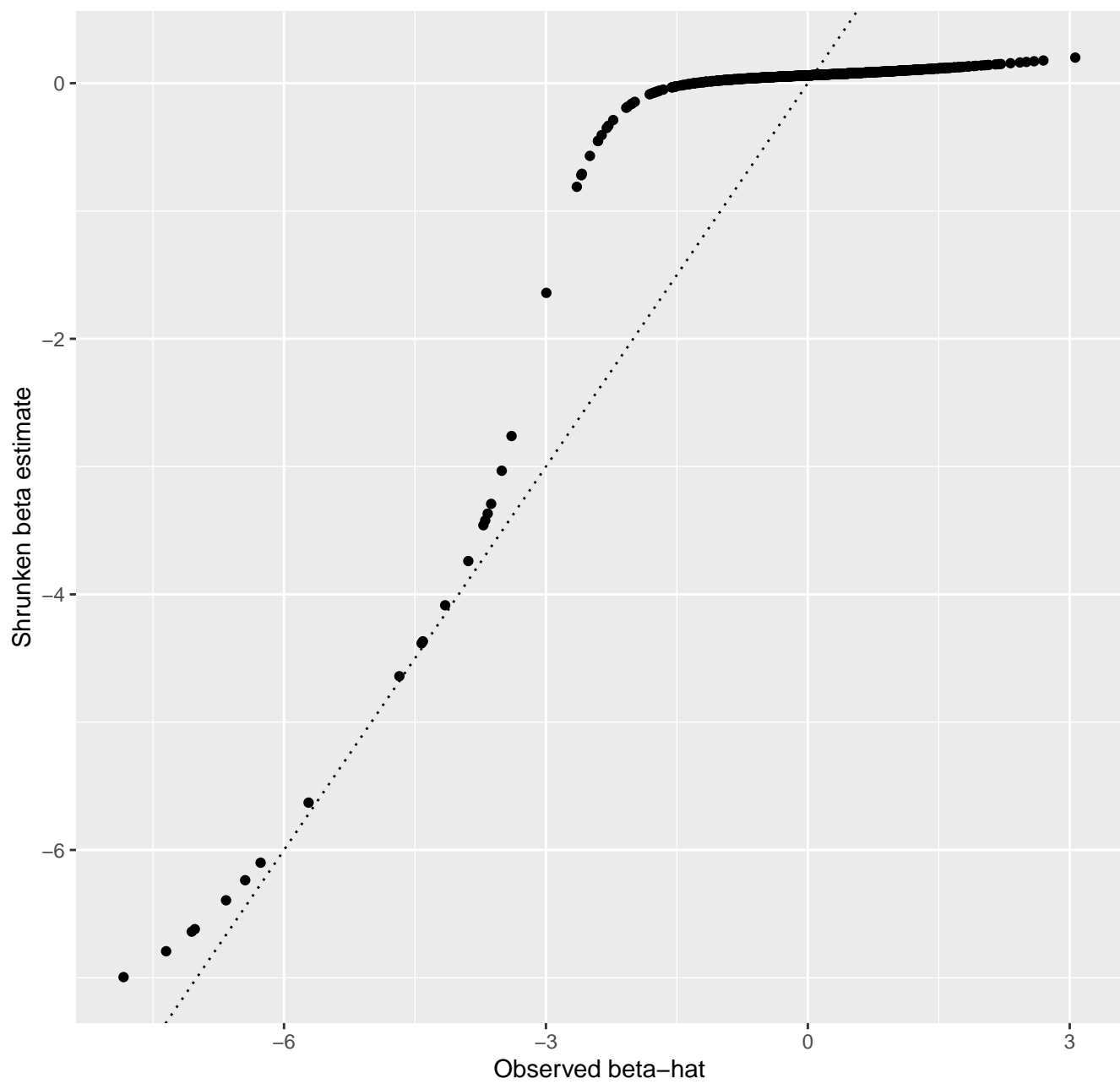
-2.5

0.0

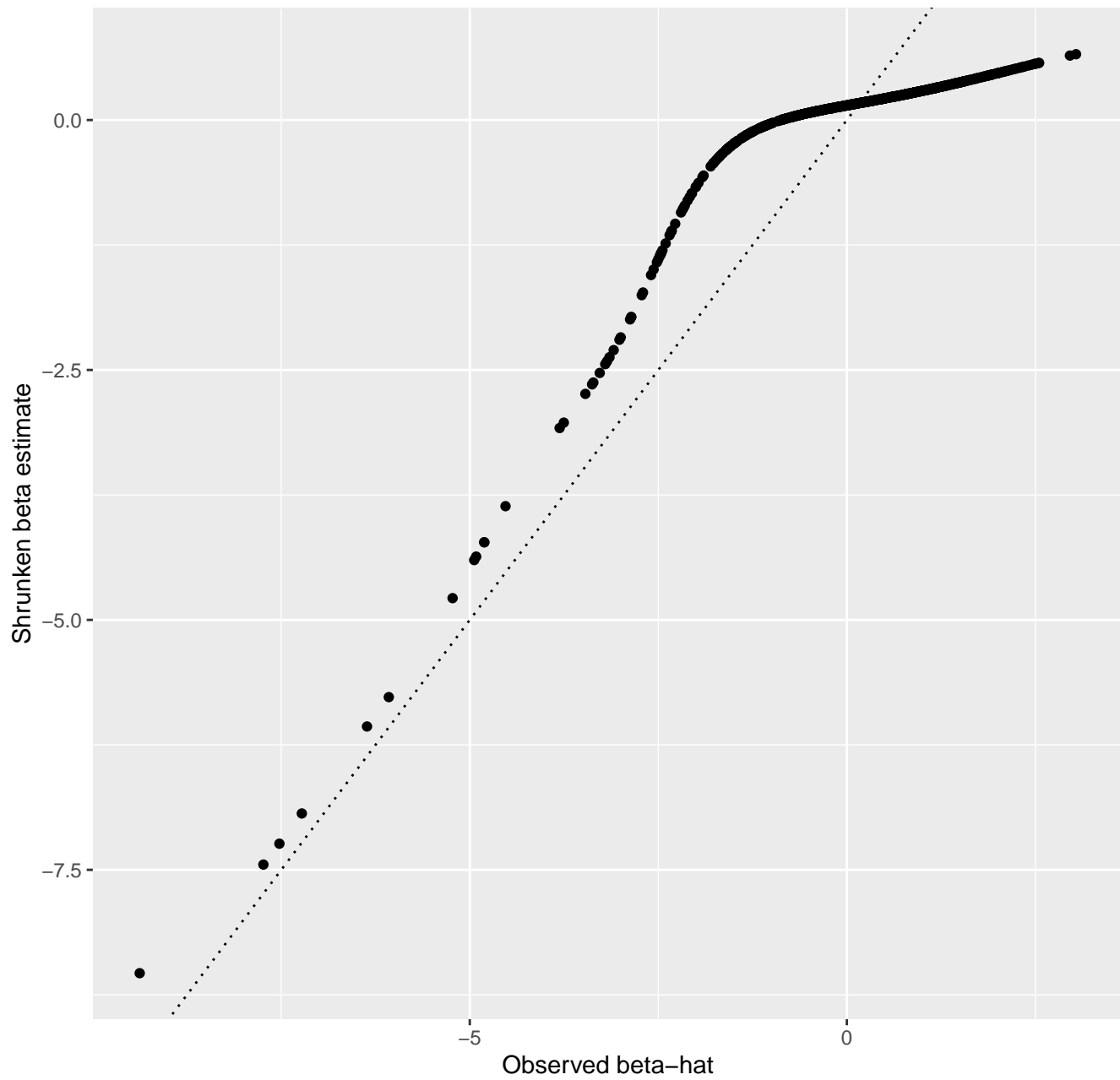
2.5



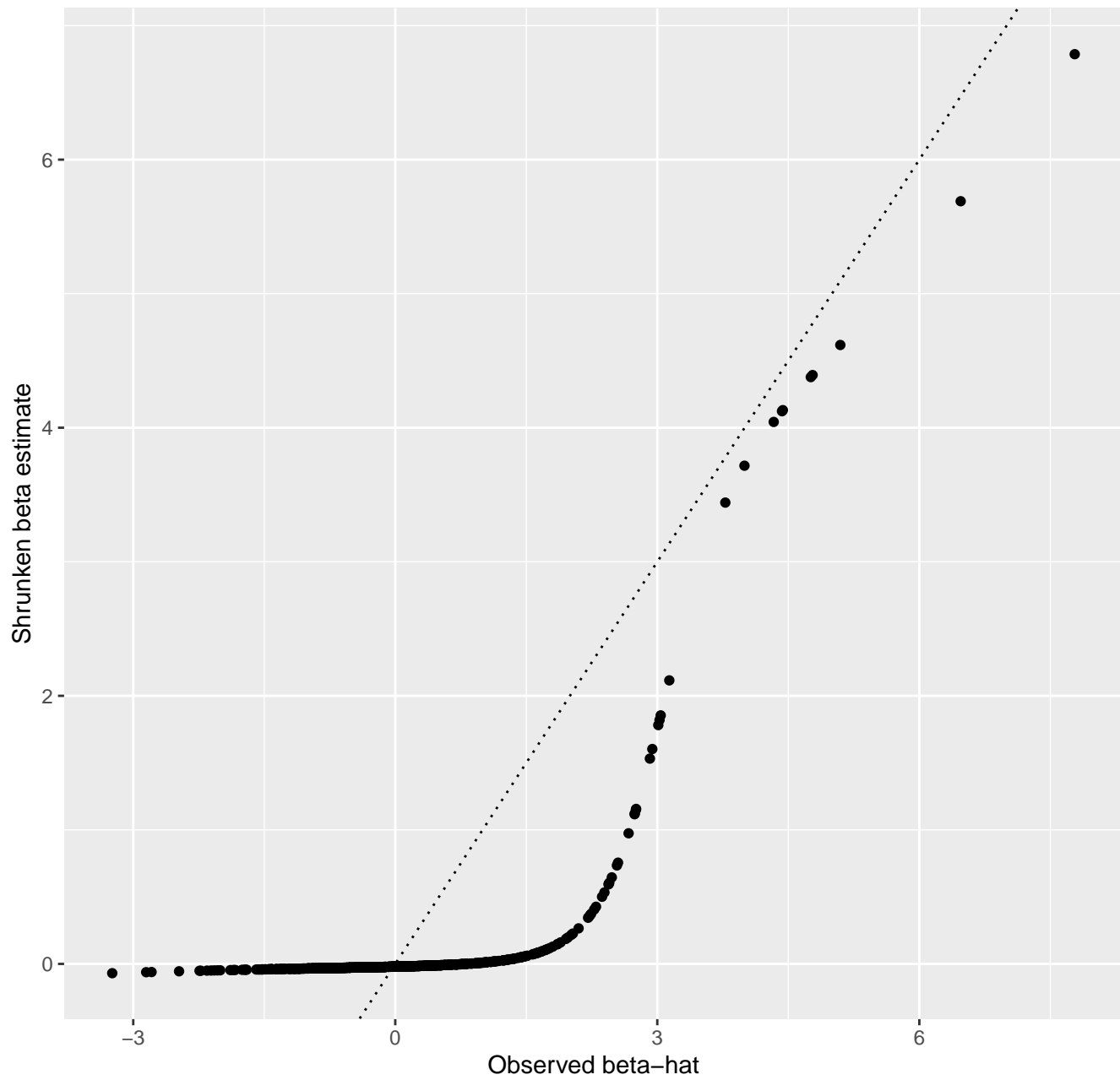
HNF1A\_(6927) negative



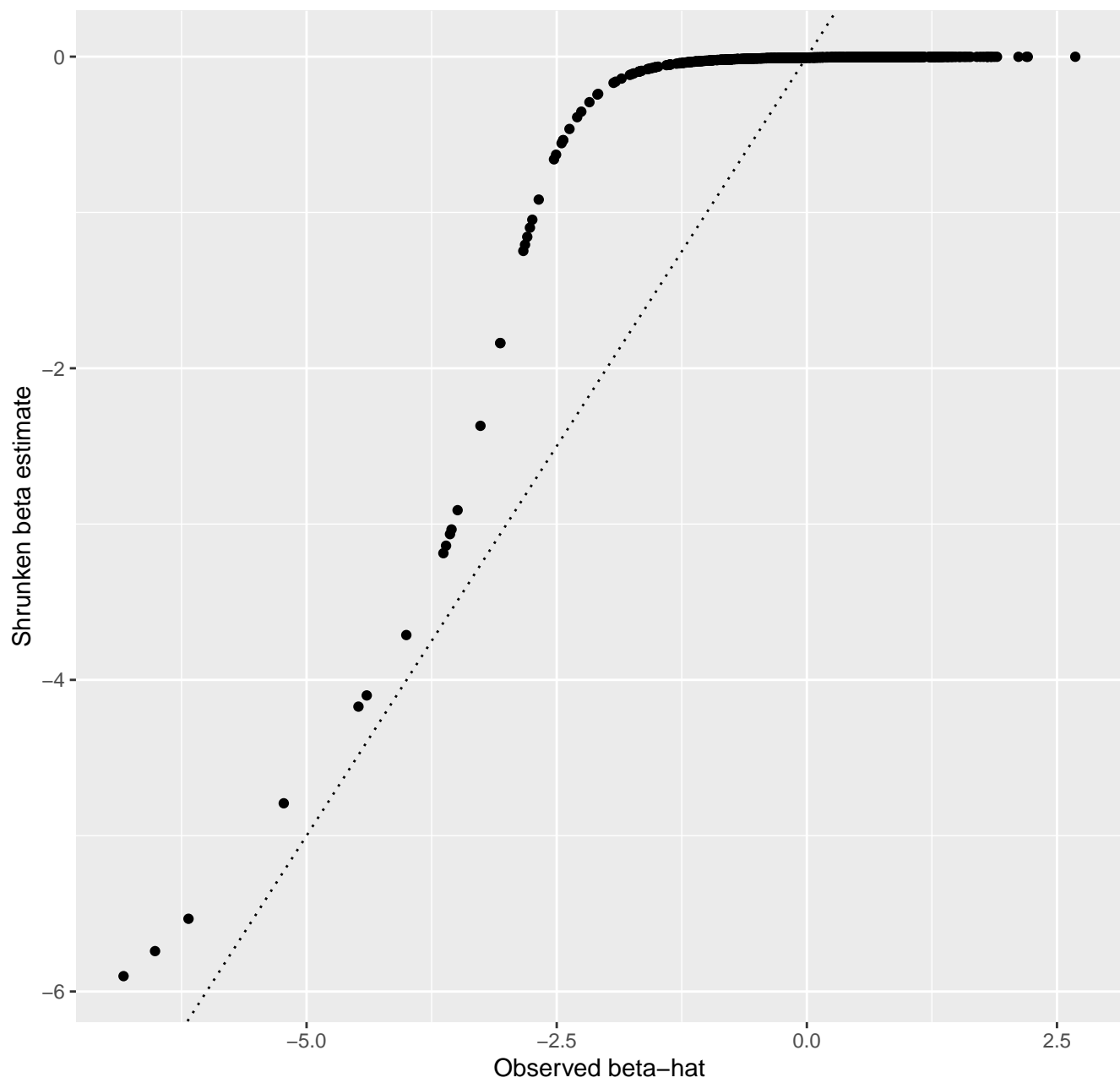
CUL4B\_(8450) negative



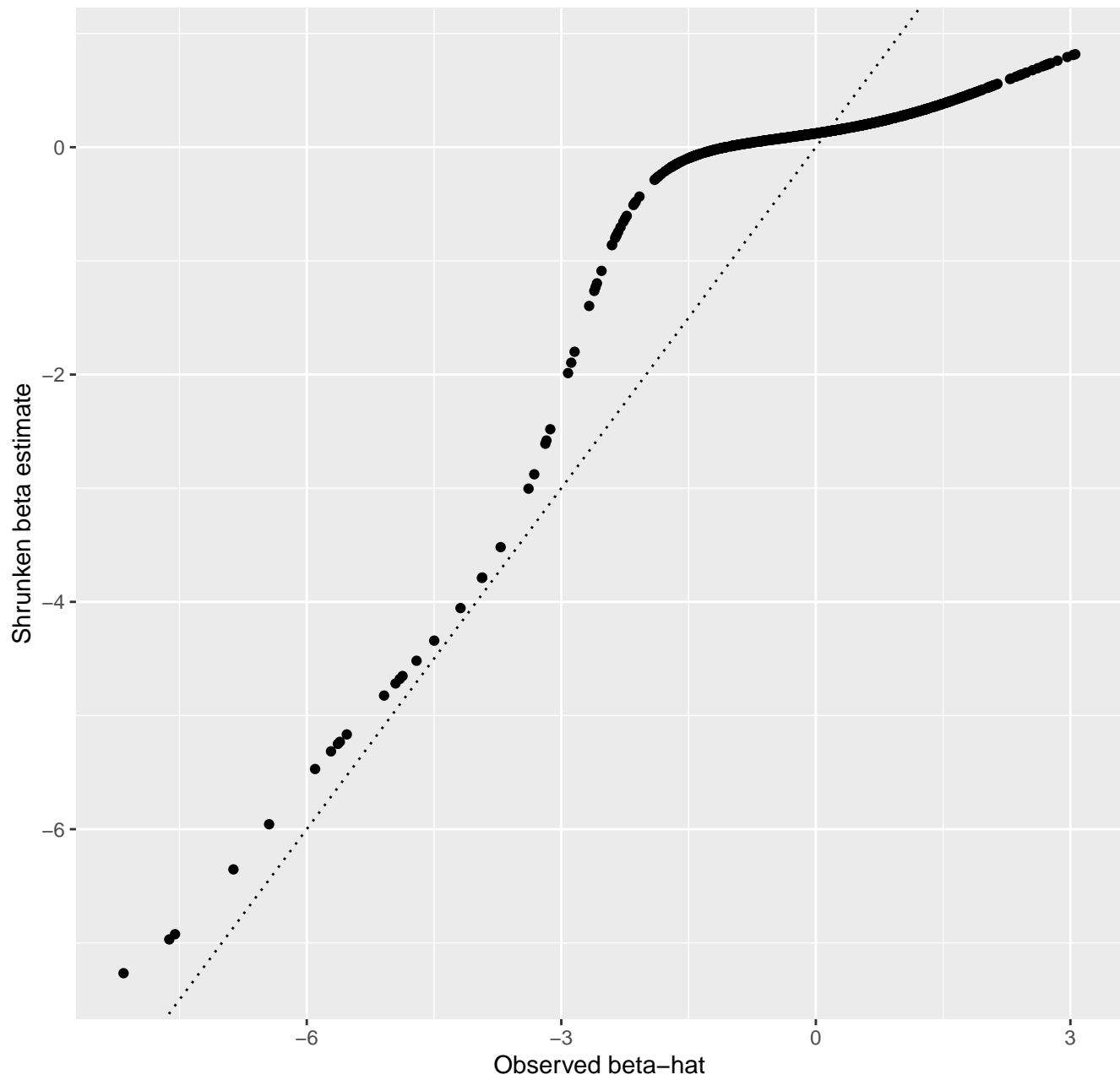
PLXNA1\_(5361) positive



RAB3GAP1\_(22930) negative

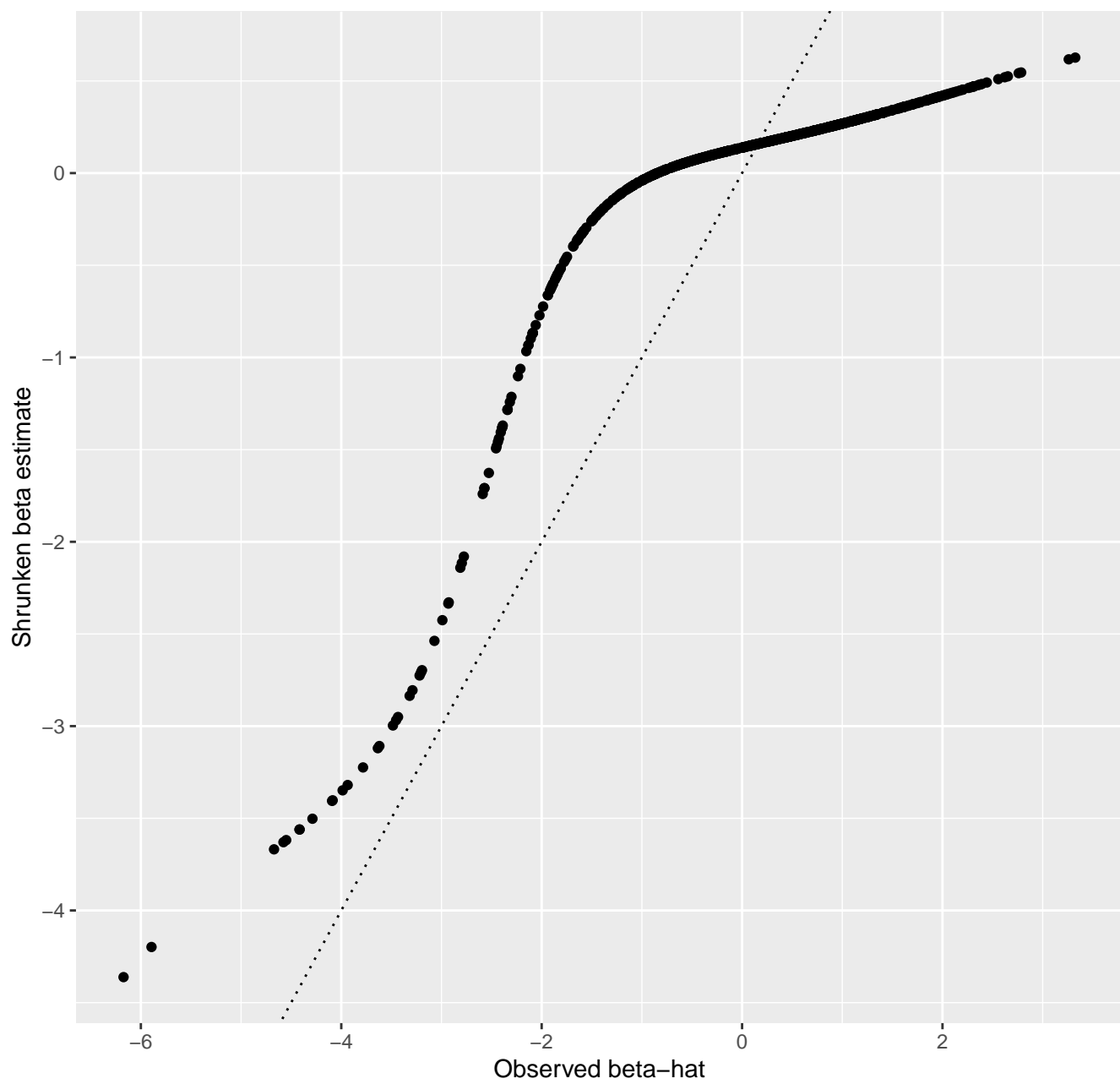


STAG1\_(10274) negative

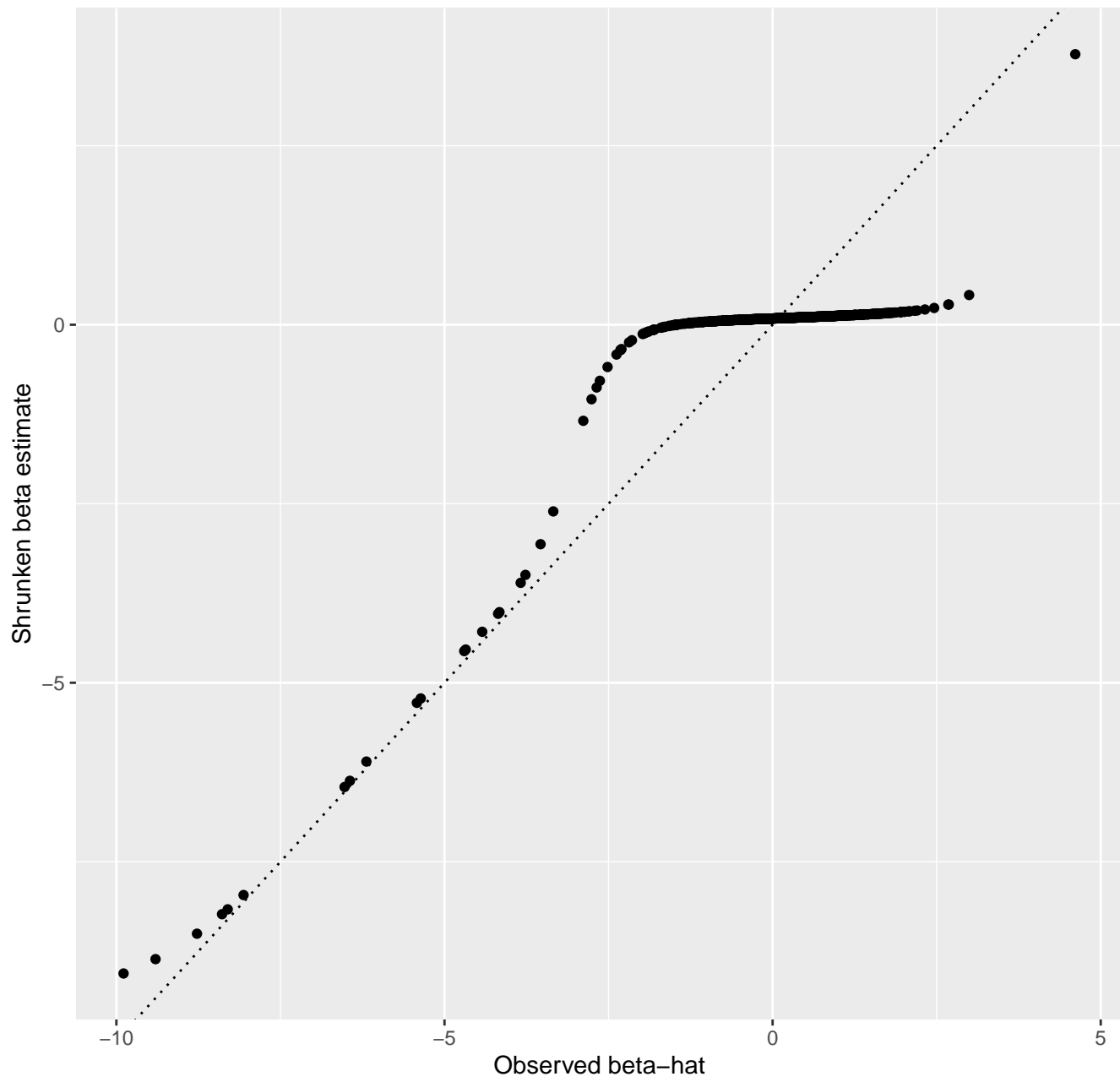




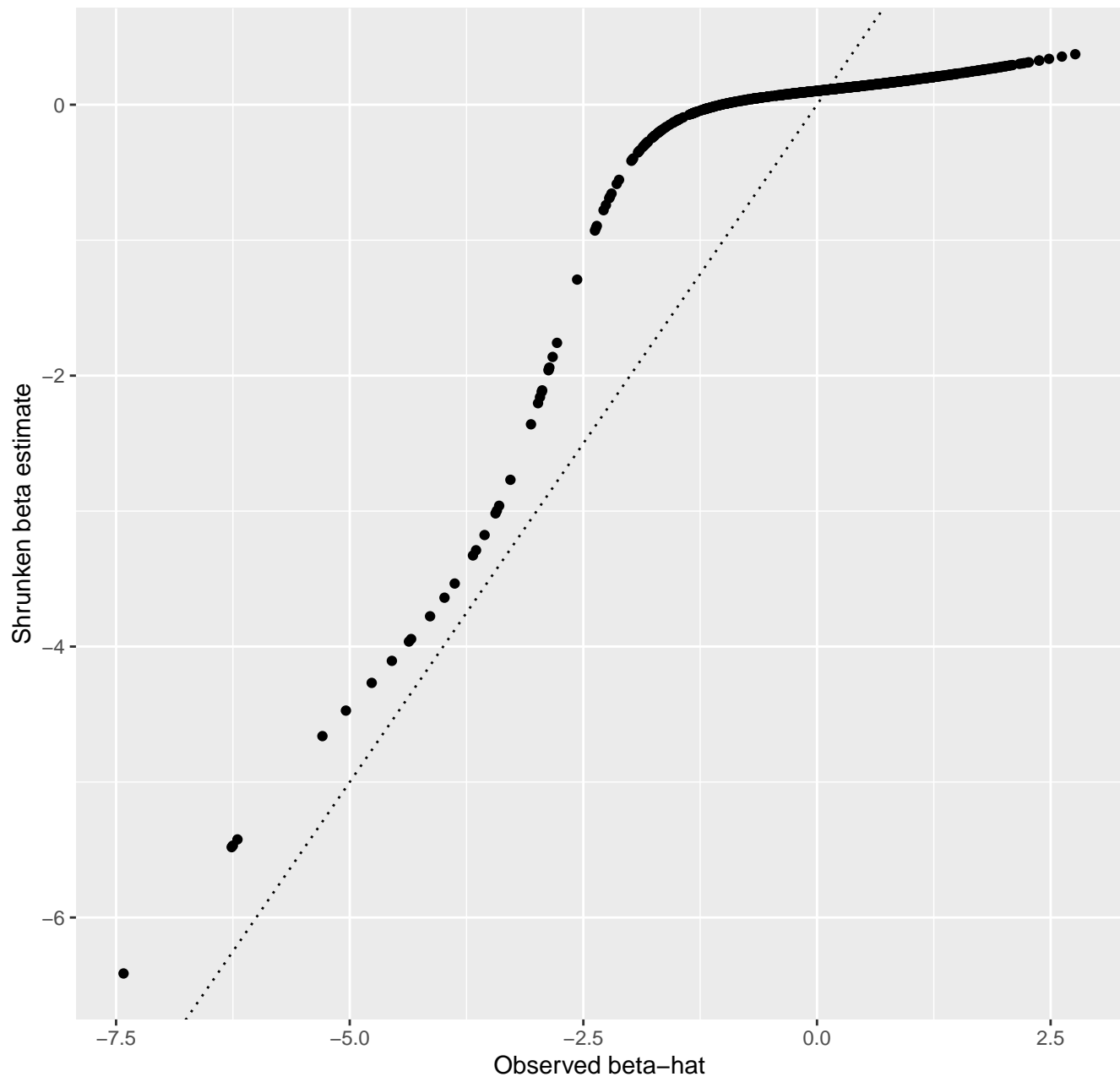
INPP5K\_(51763) negative



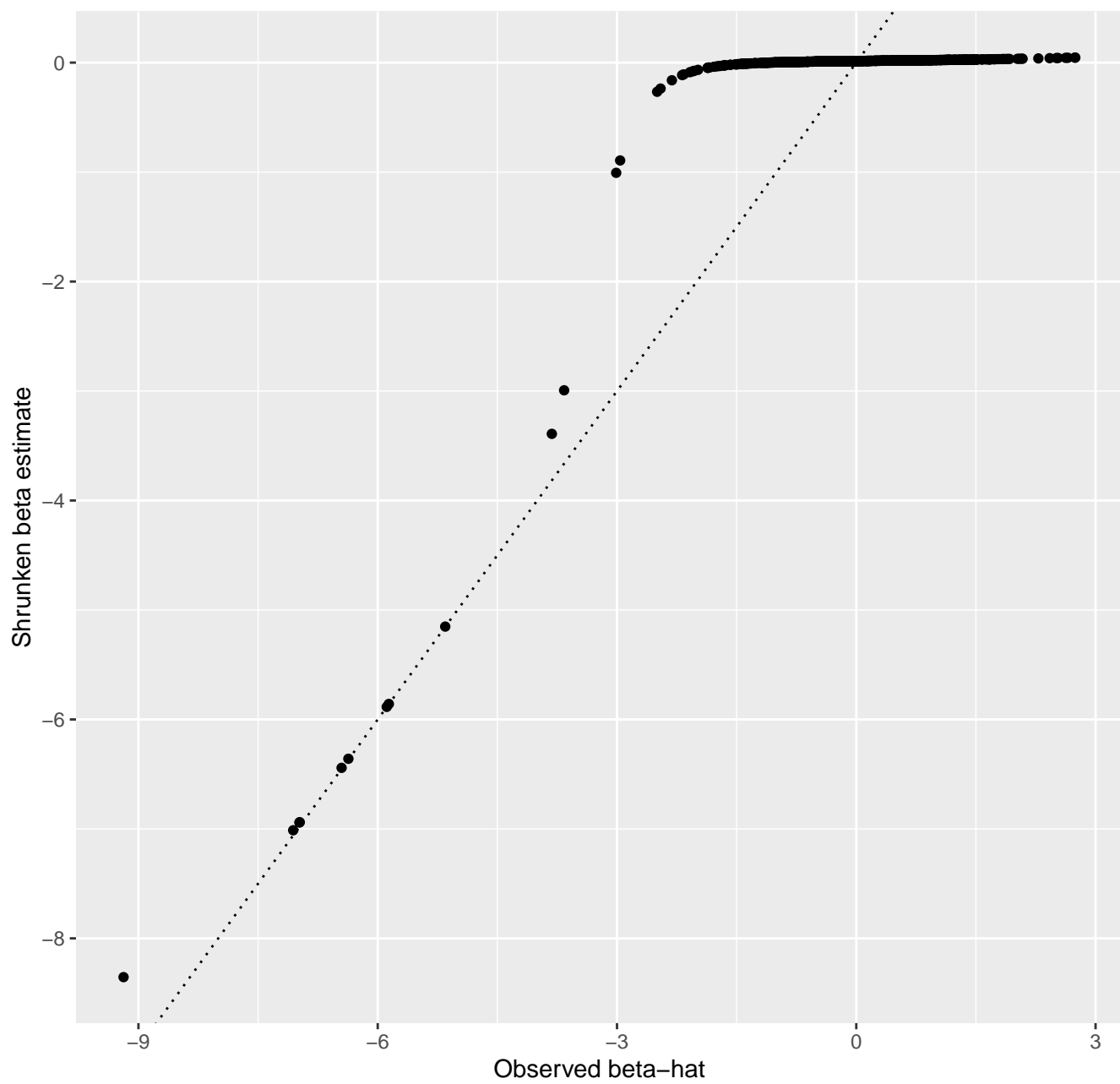
SPI1\_(6688) negative



EXO1\_(9156) negative



UBE3A\_(7337) negative



RIMBP3\_(85376) negative

Shrunken beta estimate

0.0

-2.5

-5.0

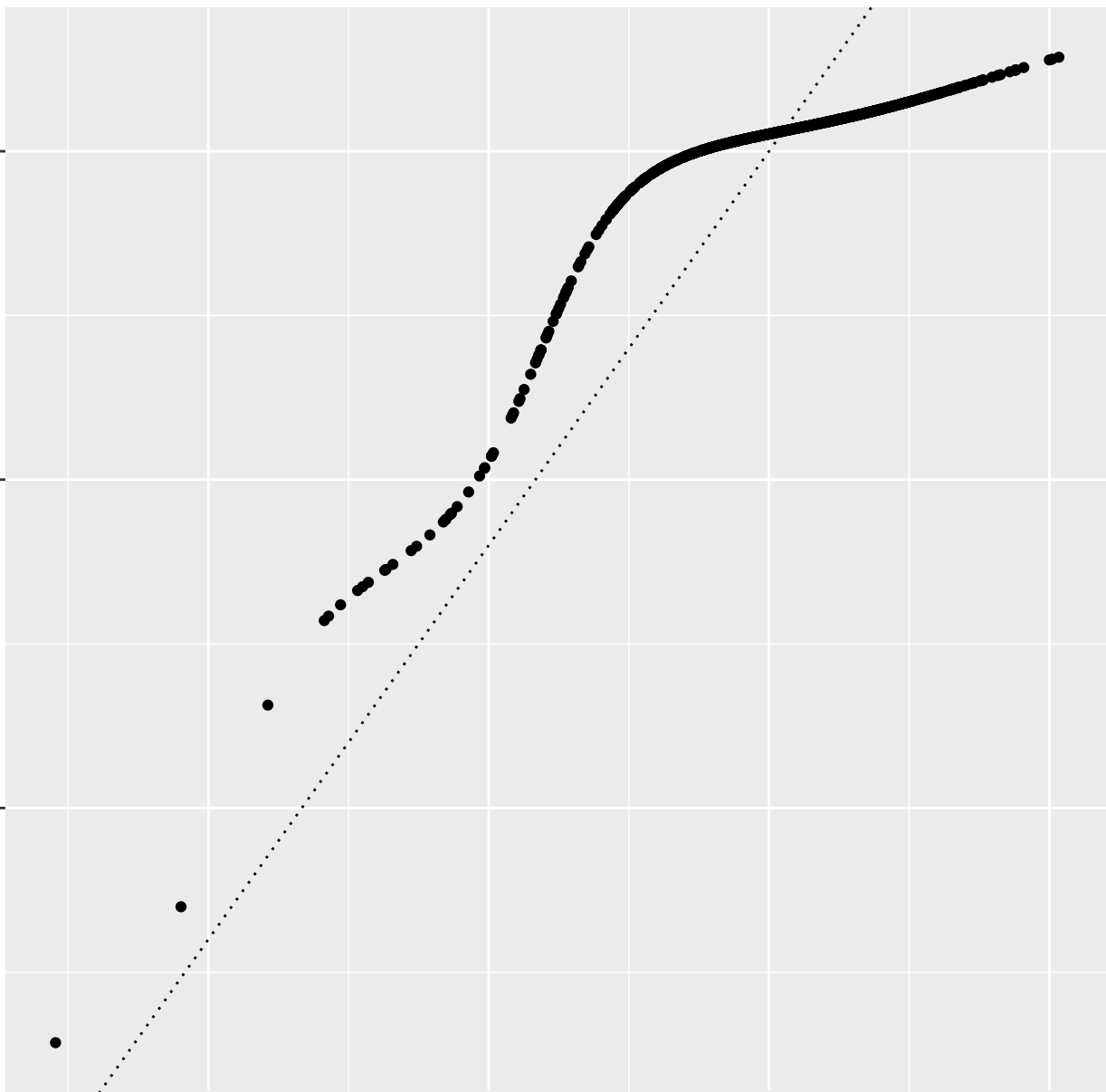
Observed beta-hat

-6

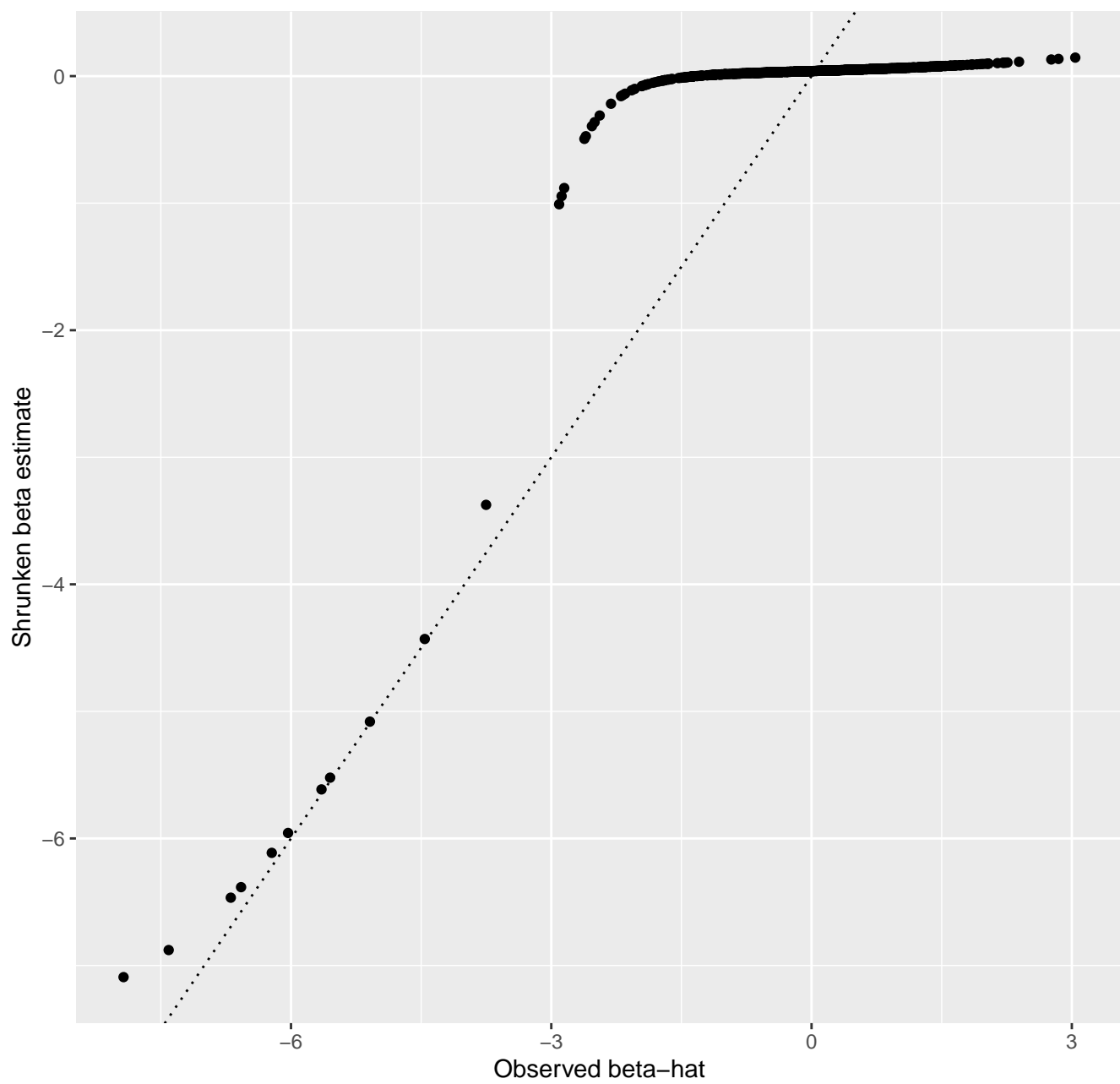
-3

0

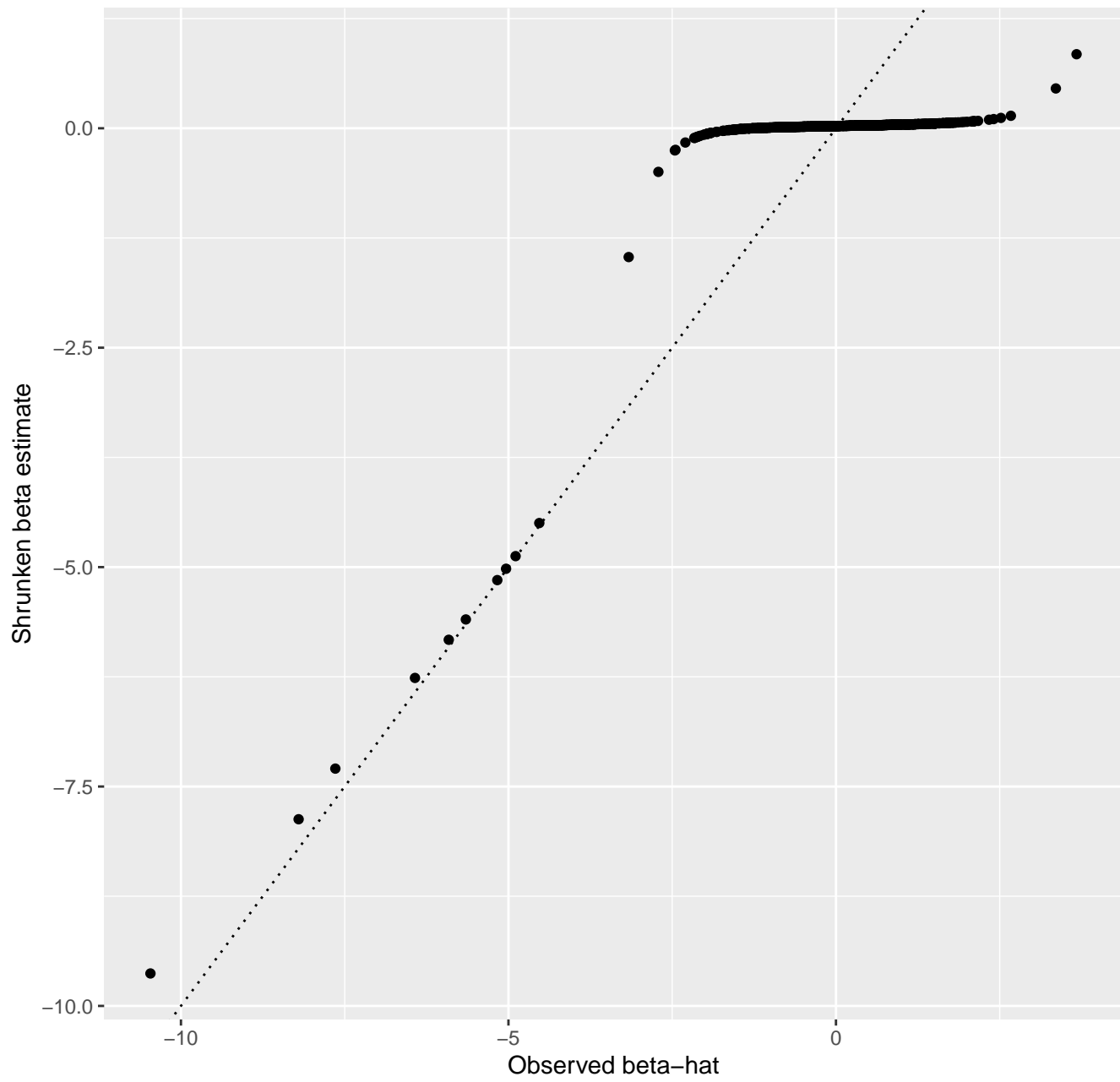
3



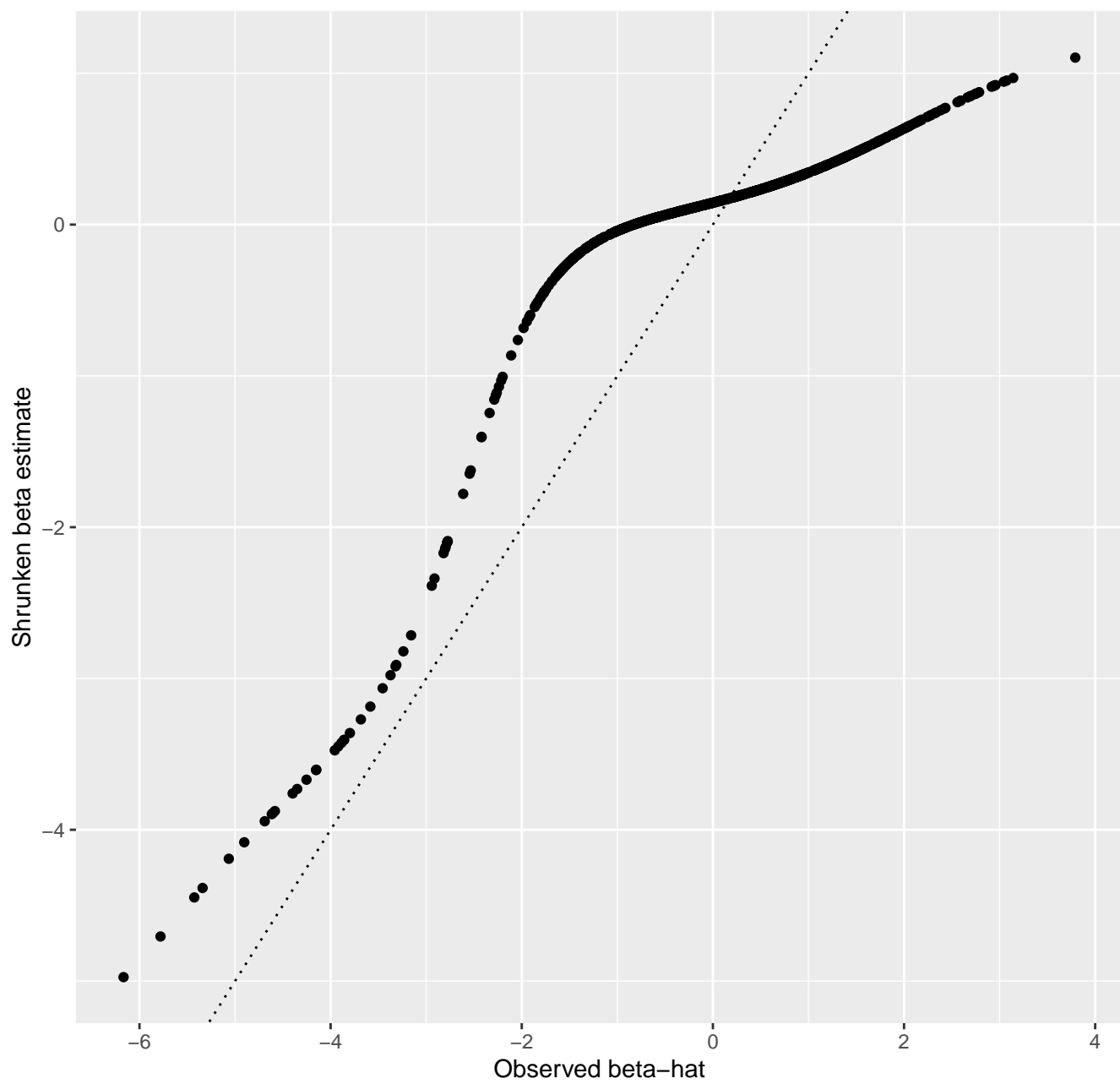
ZER1\_(10444) negative



HRAS\_(3265) negative

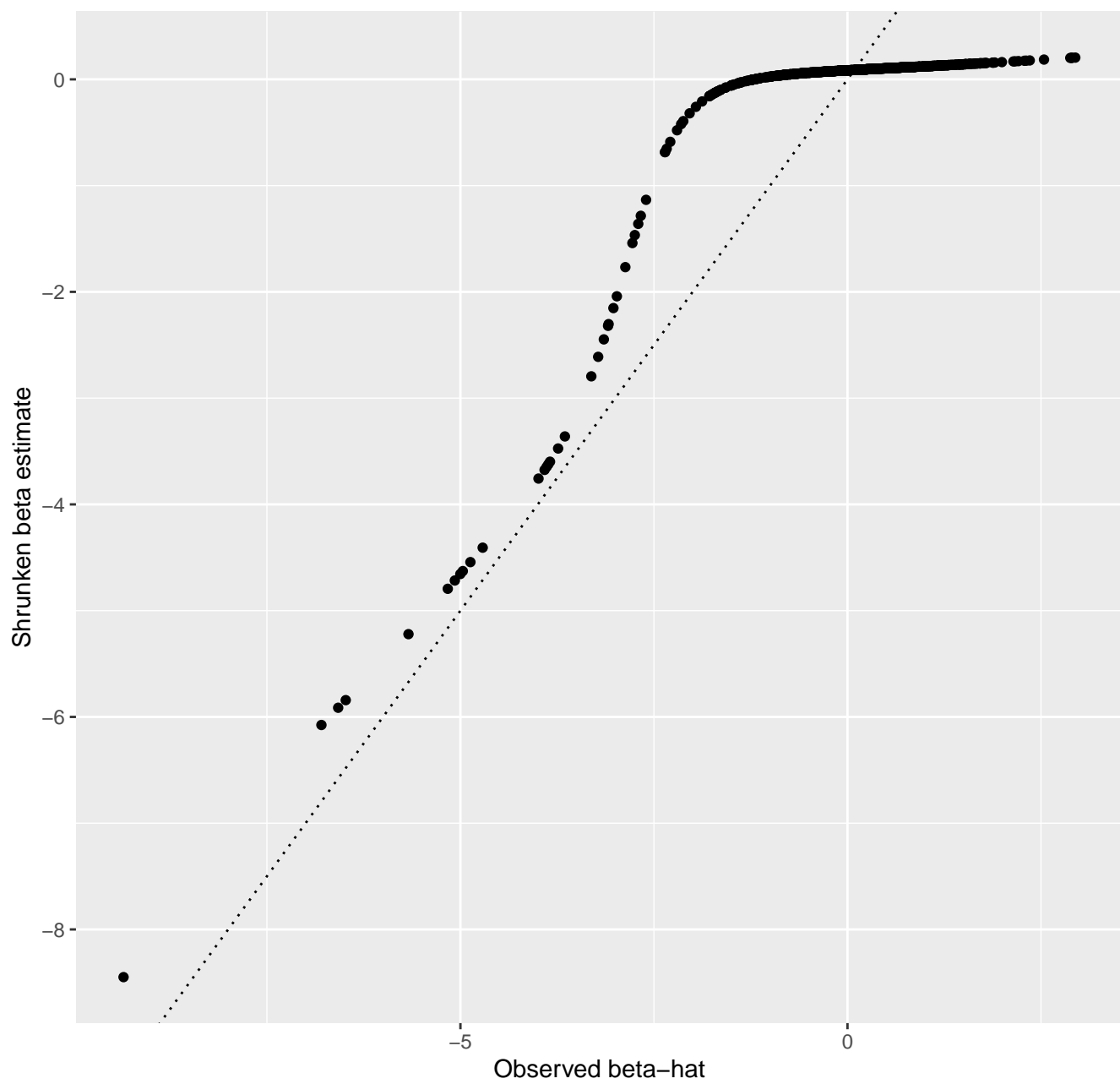


ALG12\_(79087) negative

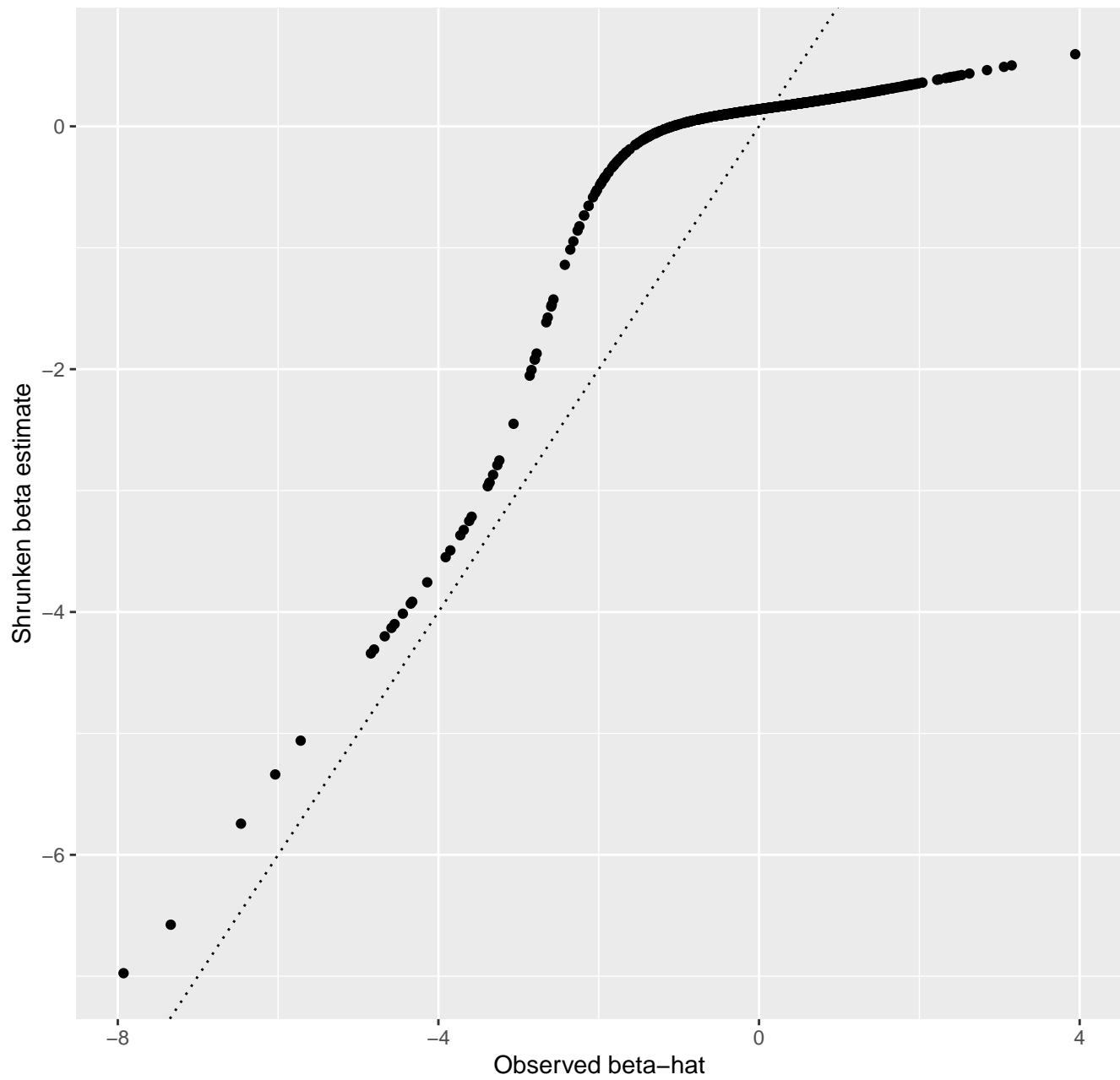




PEA15\_(8682) negative



FLVCR1\_(28982) negative



NEK1\_(4750) negative

Shrunken beta estimate

0

-2

-4

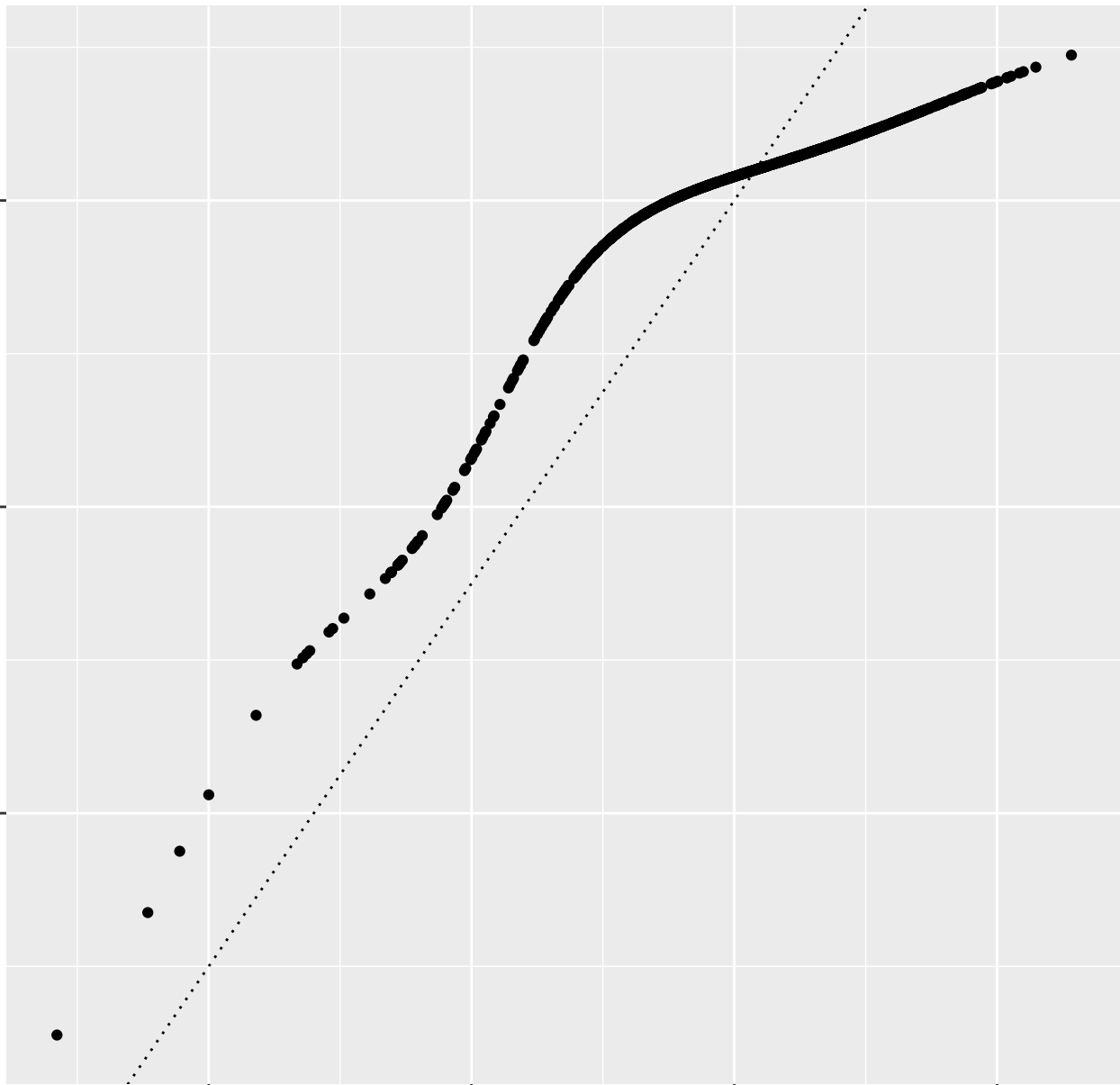
Observed beta-hat

-5.0

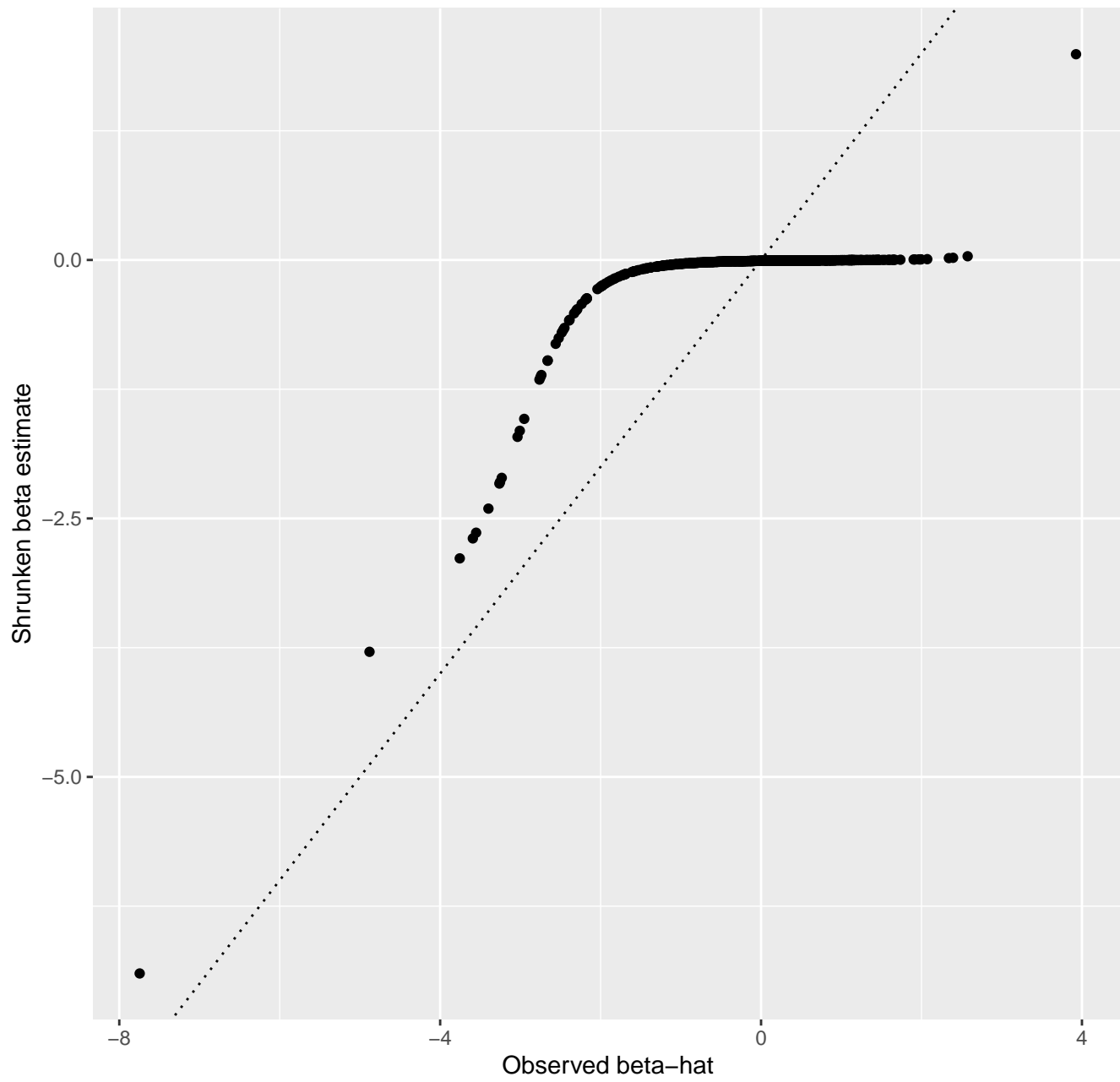
-2.5

0.0

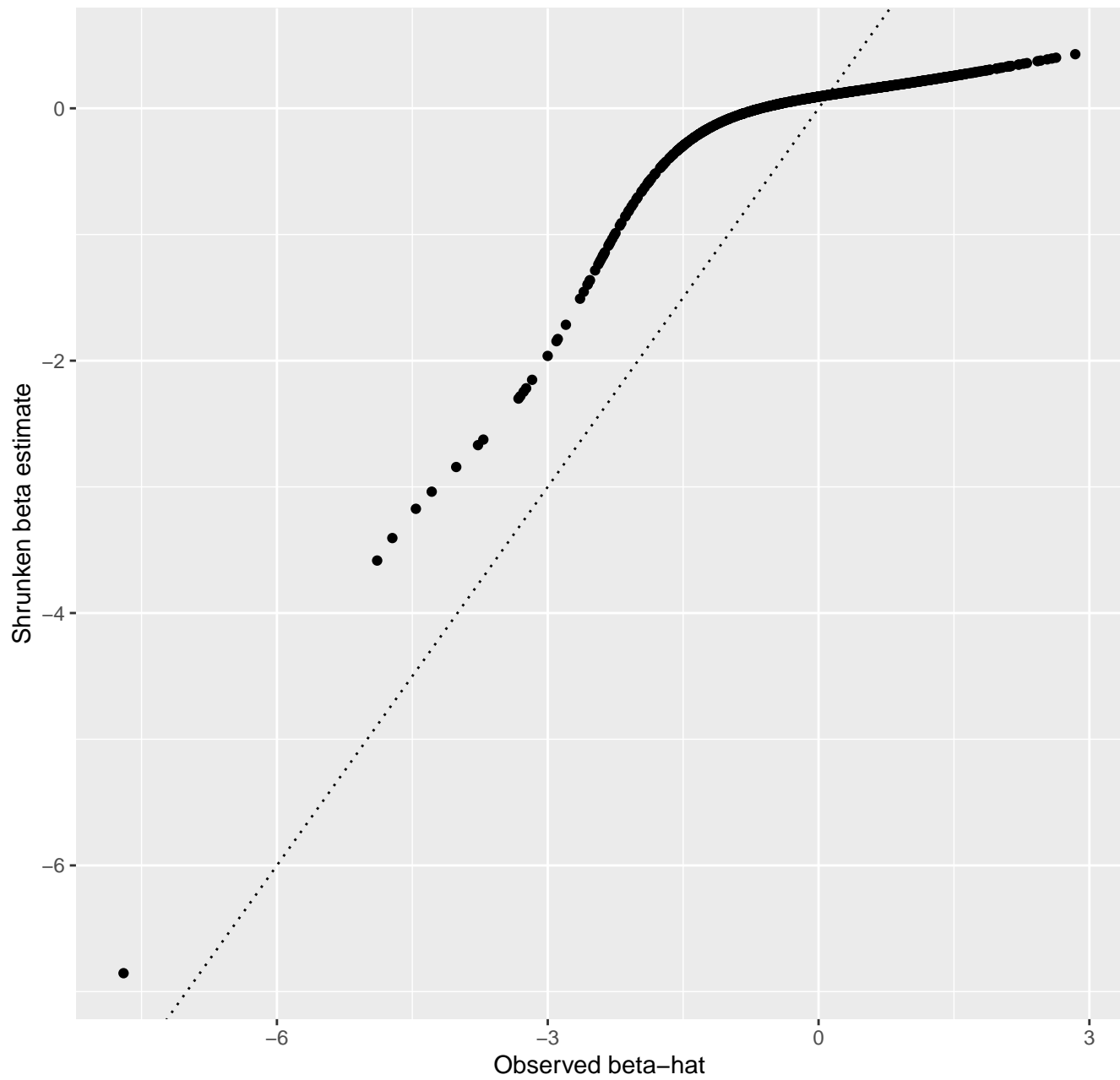
2.5



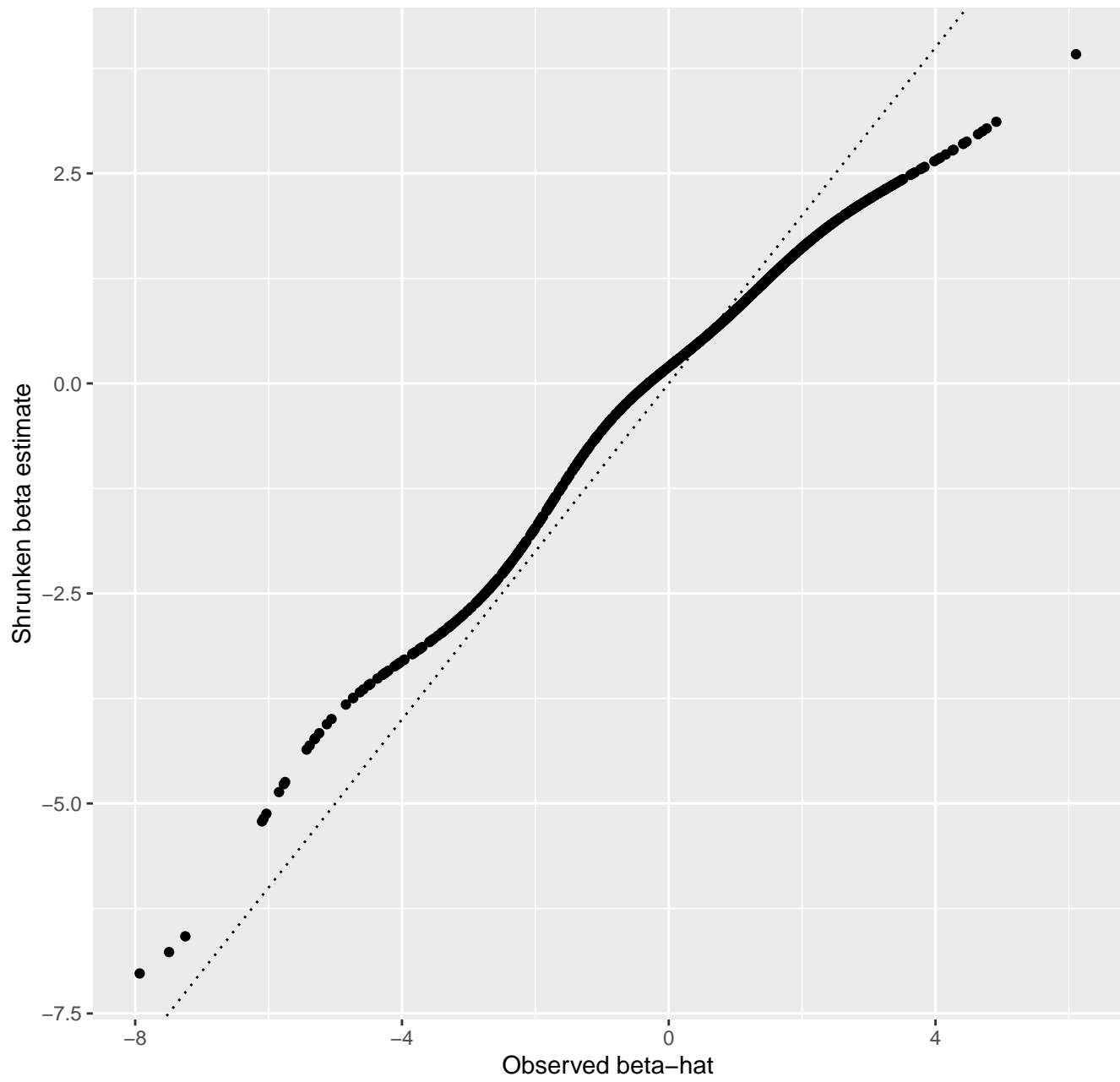
TAB2\_(23118) negative



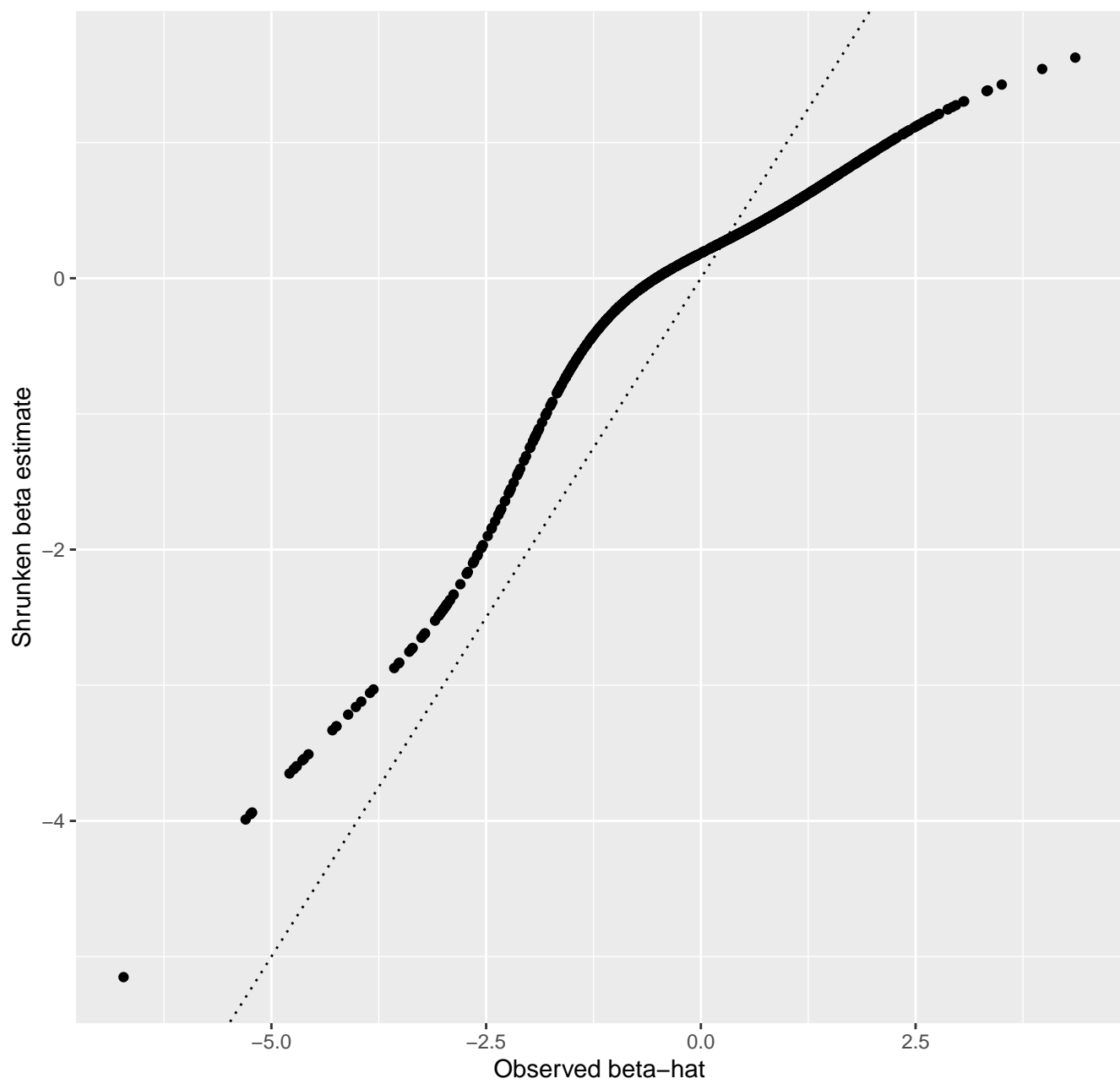
WASL\_(8976) negative



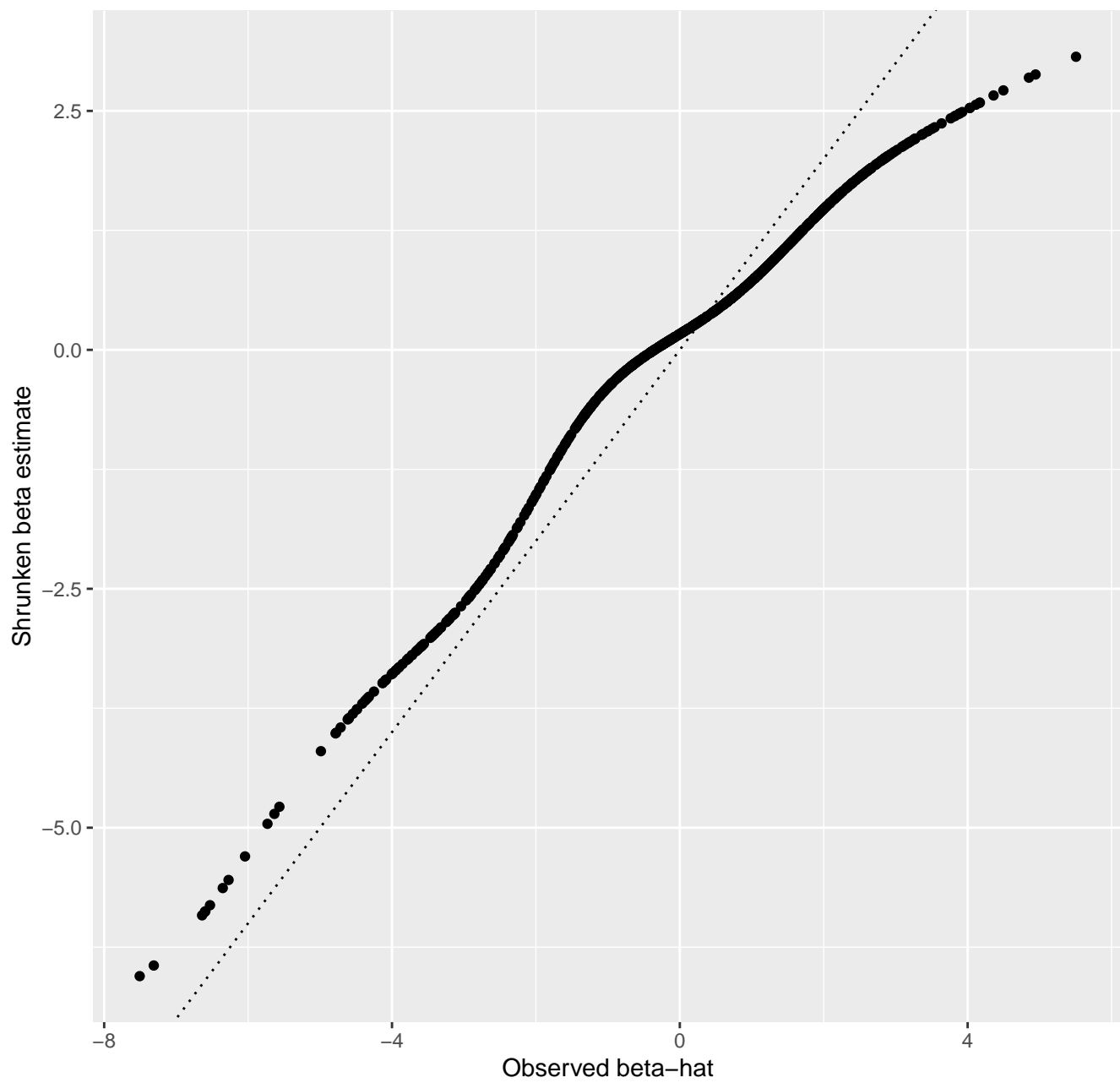
GFPT1\_(2673) positive



NDUFAF1\_(51103) negative

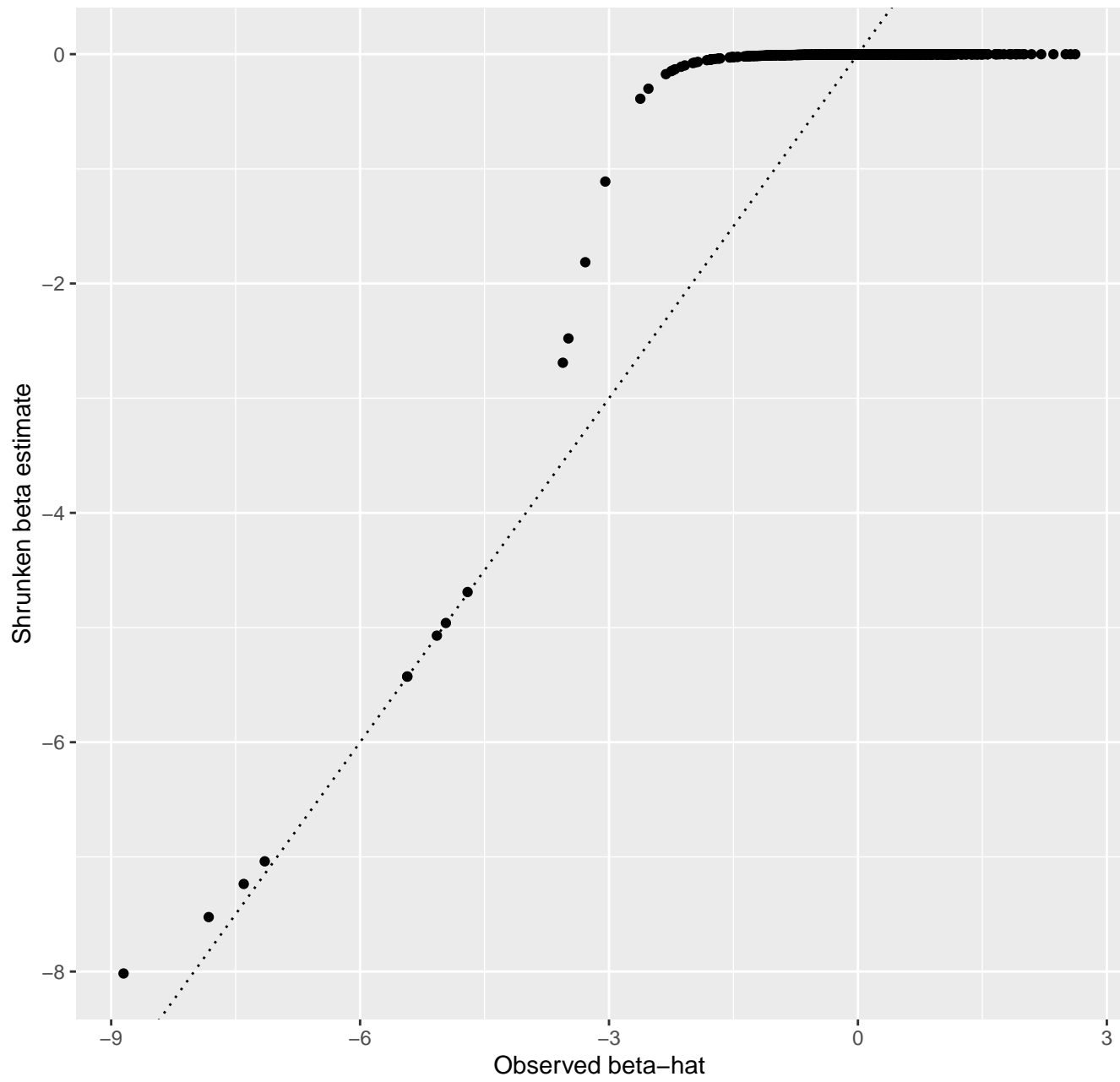


MINOS1\_(440574) negative

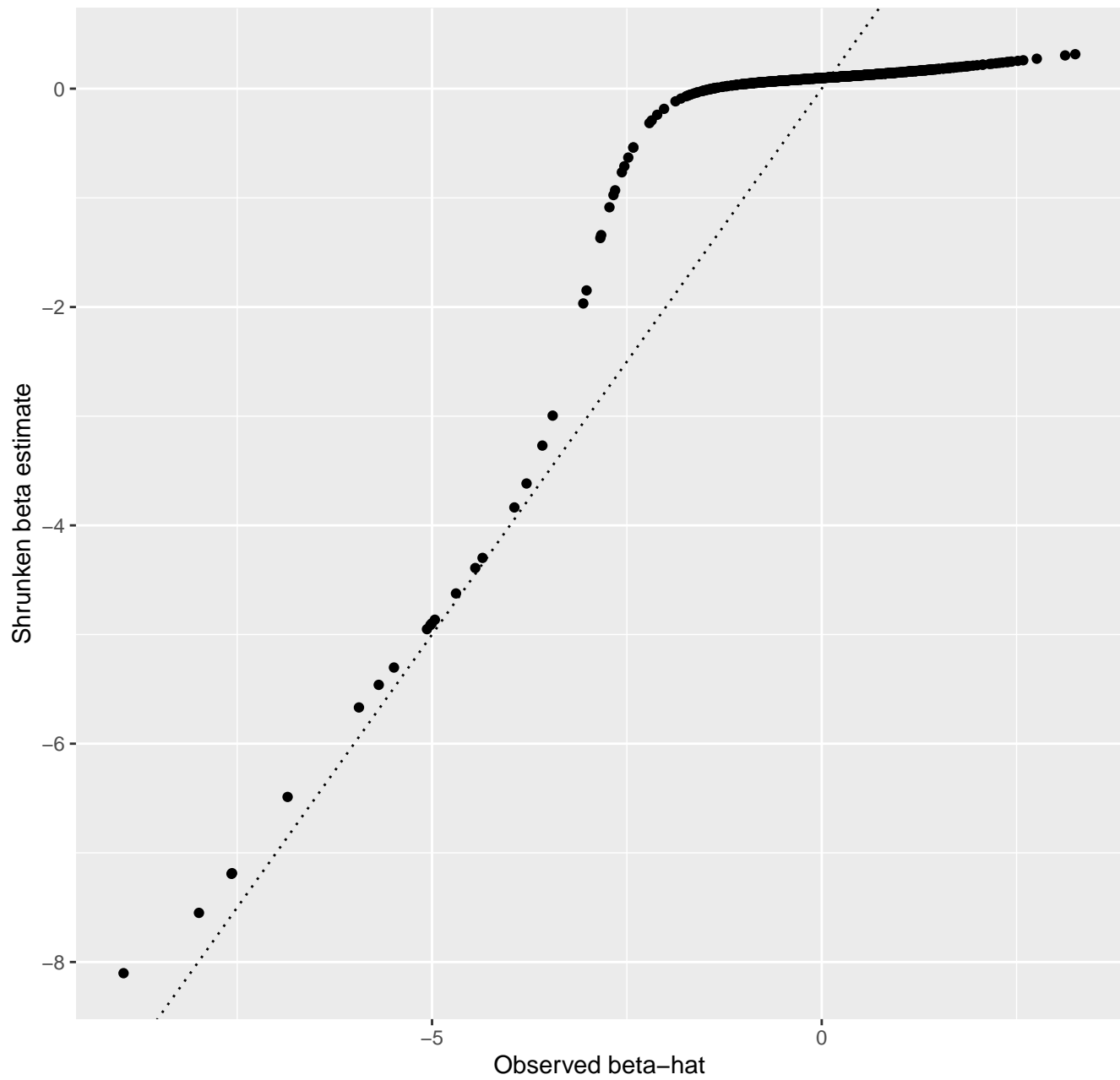




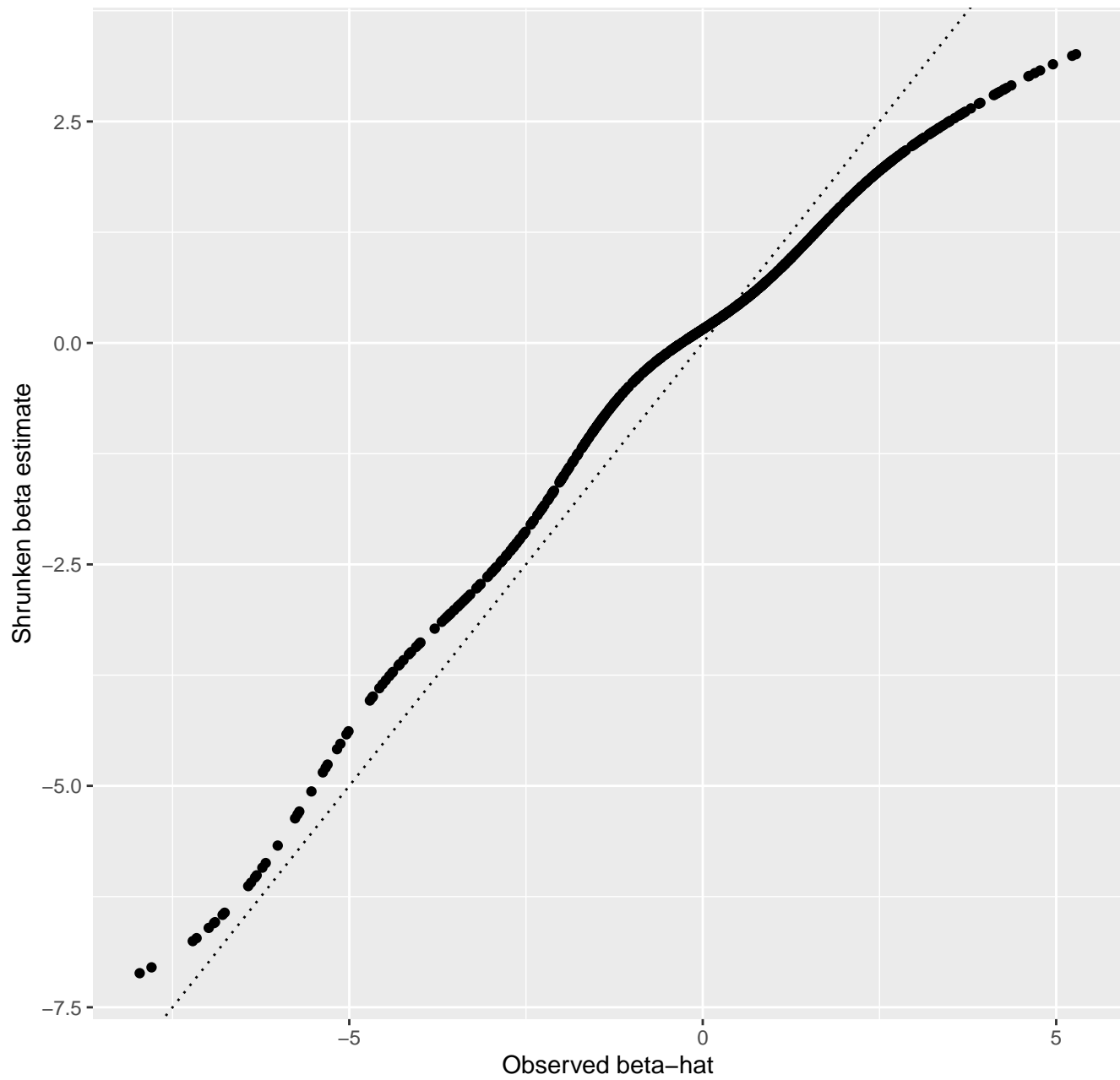
ITPA\_(3704) negative



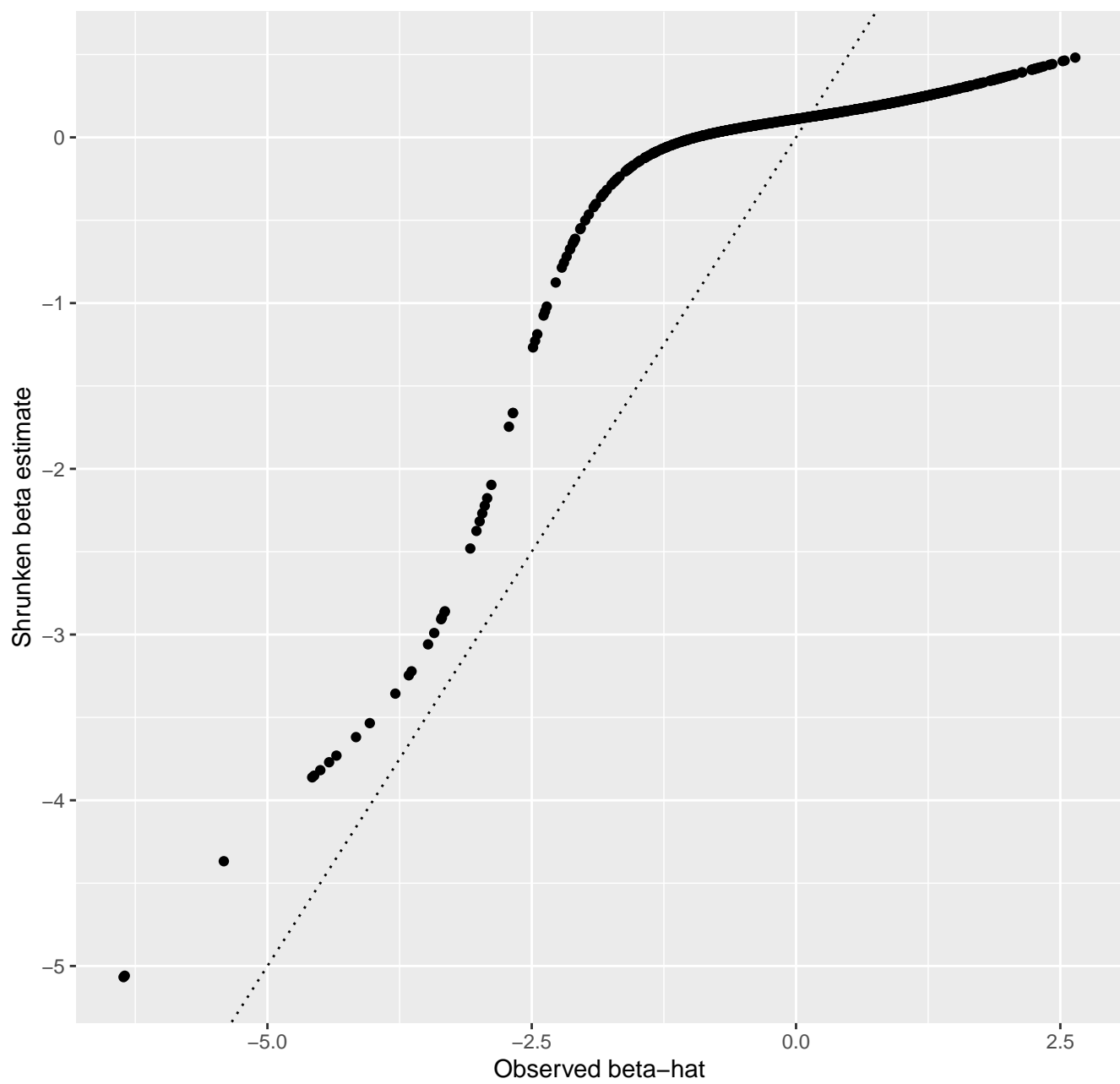
TCF3\_(6929) negative



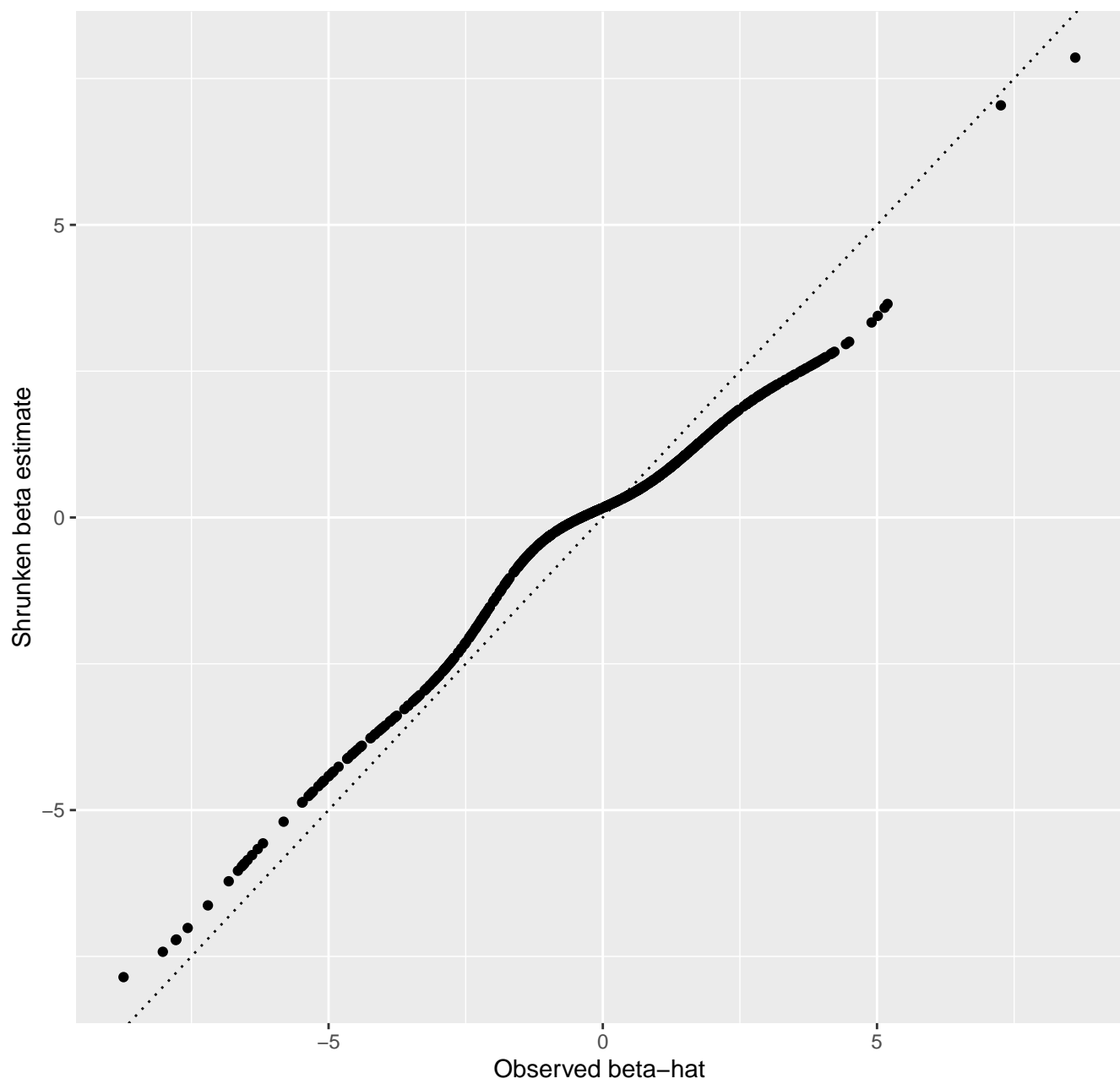
AHCYL1\_(10768) negative



IKBKB\_(3551) negative



ITGB1\_(3688) negative



DDC\_(1644) negative

Shrunken beta estimate

0

-2

-4

-6

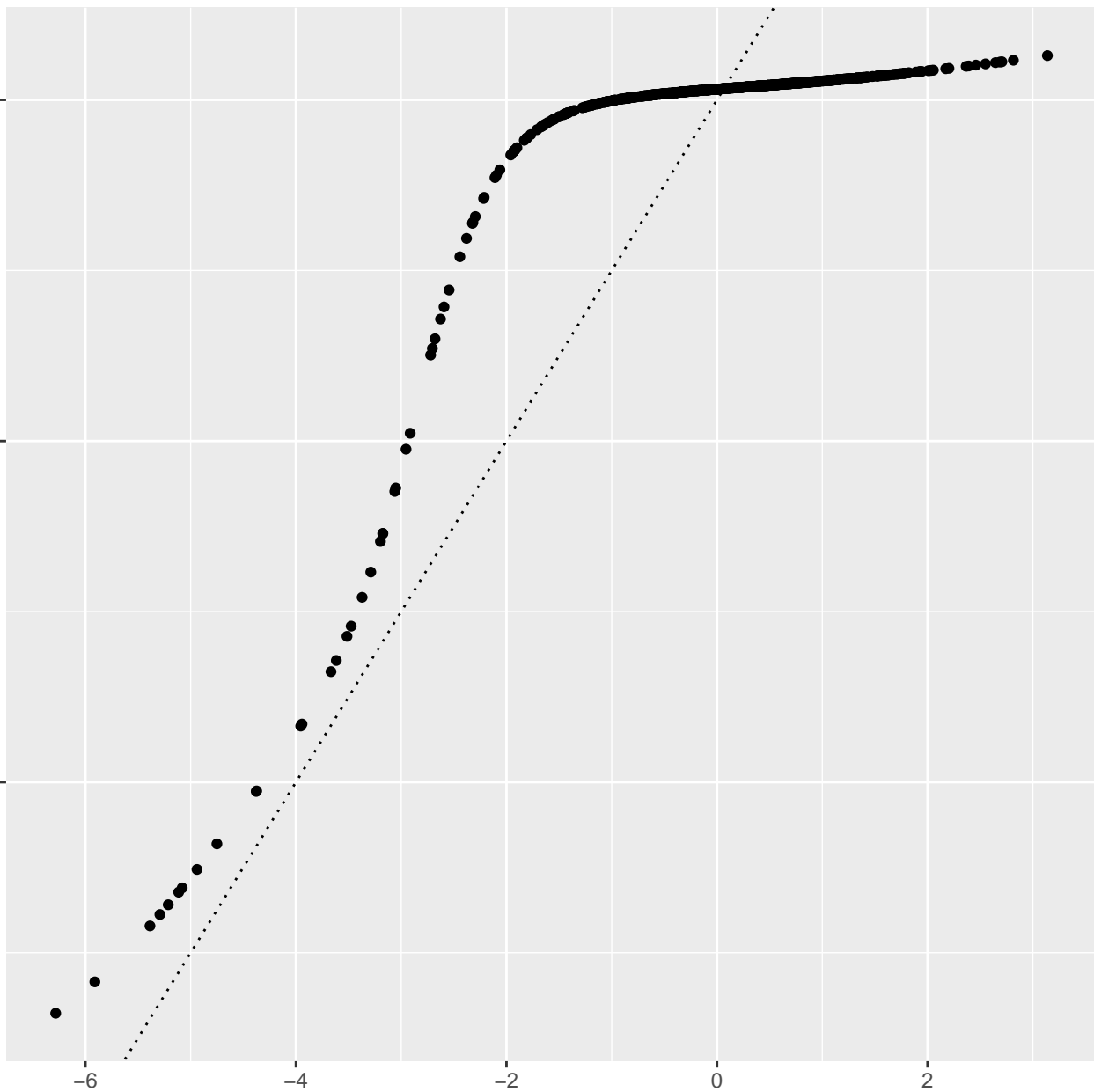
-4

-2

0

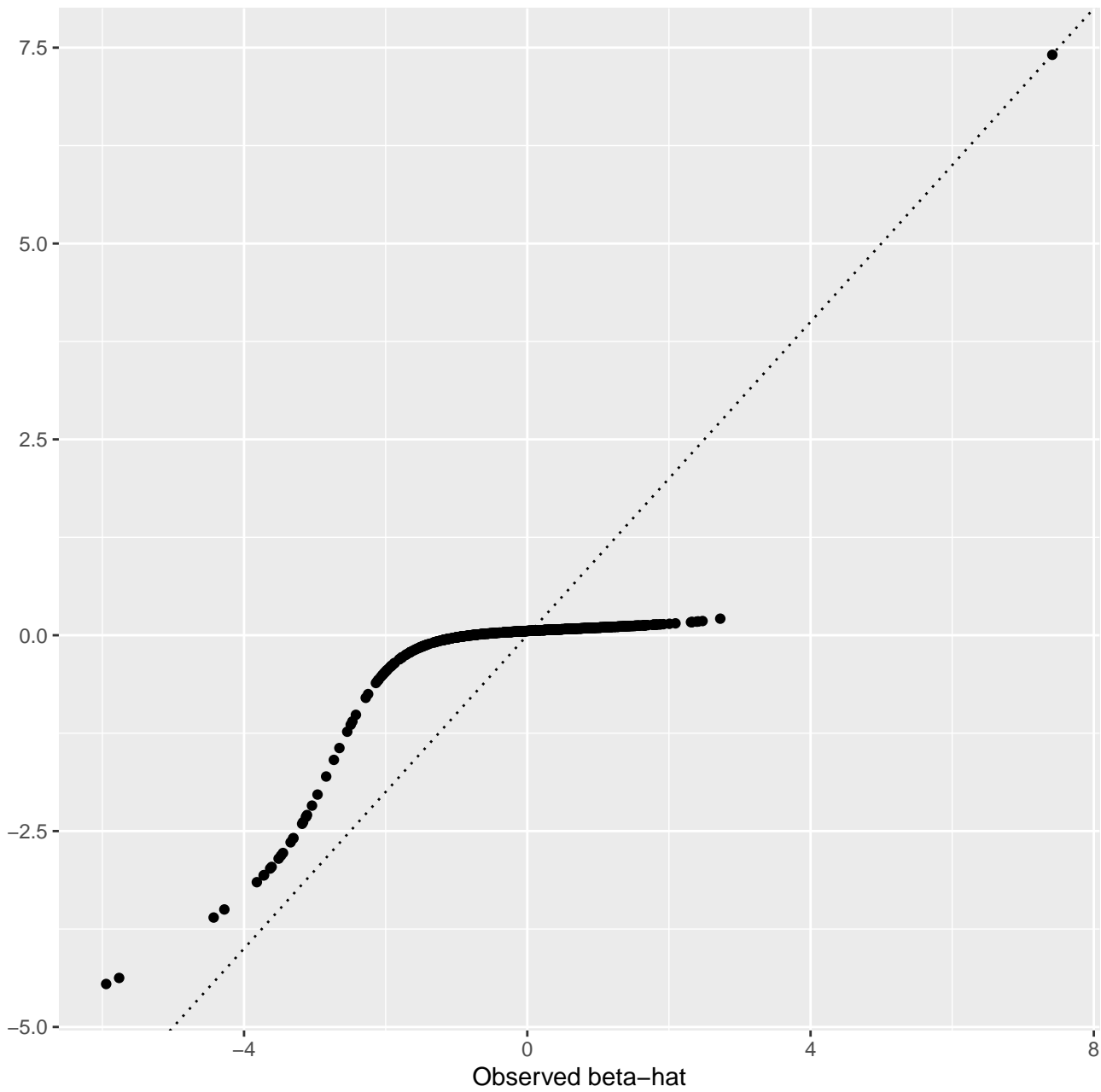
2

Observed beta-hat

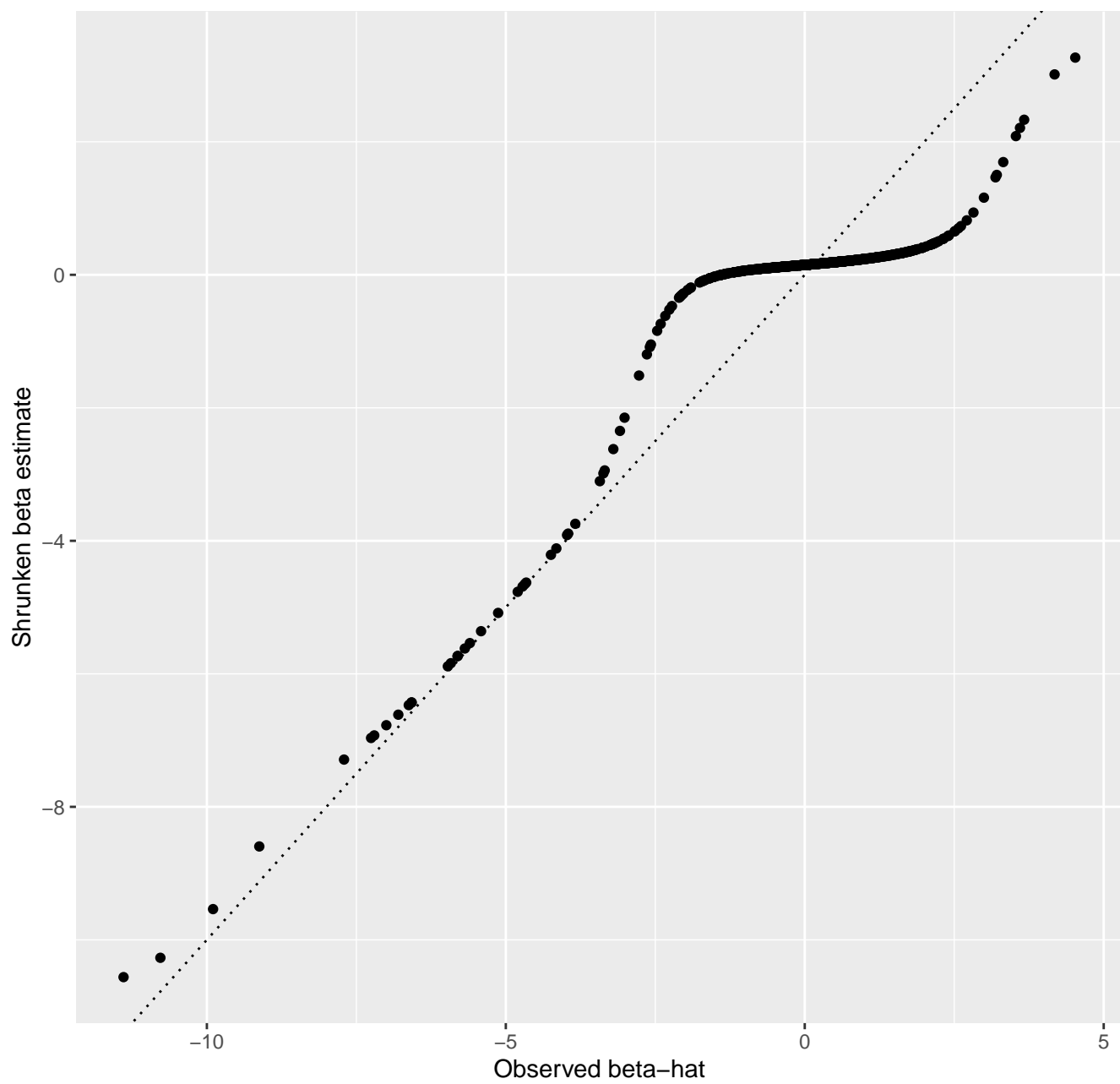


PPTC7\_(160760) negative

Shrunken beta estimate

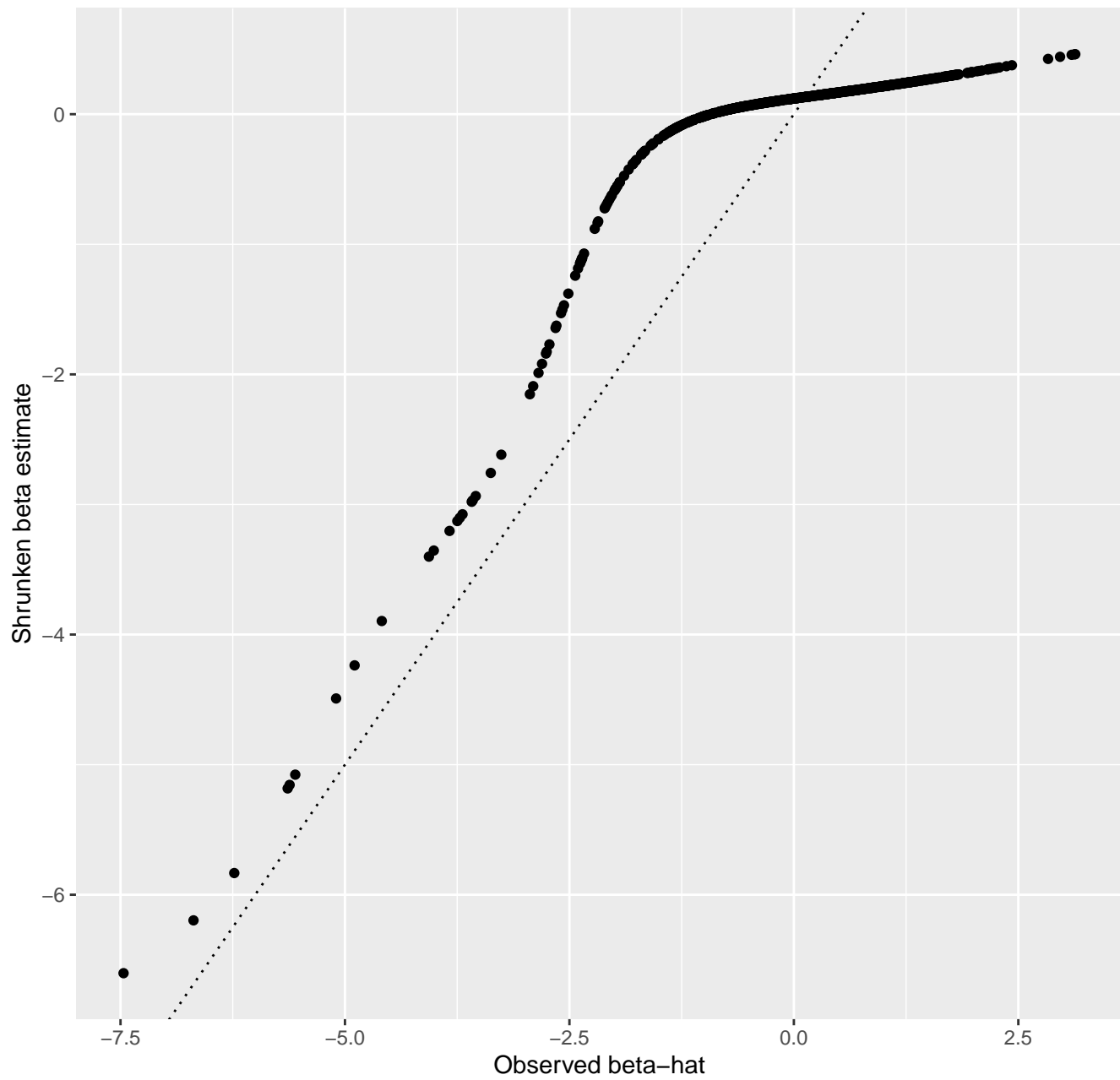


FOXA1\_(3169) negative

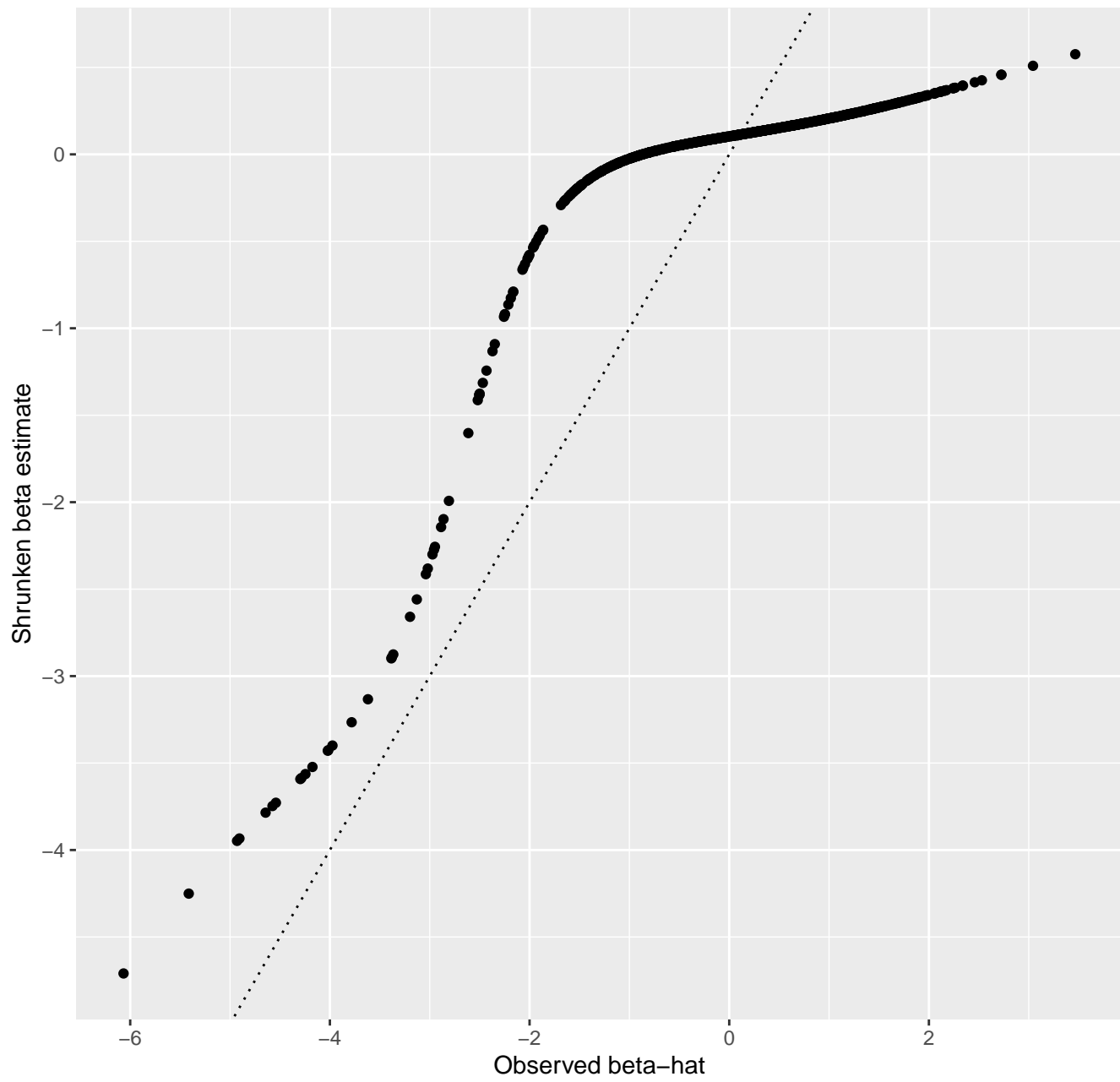




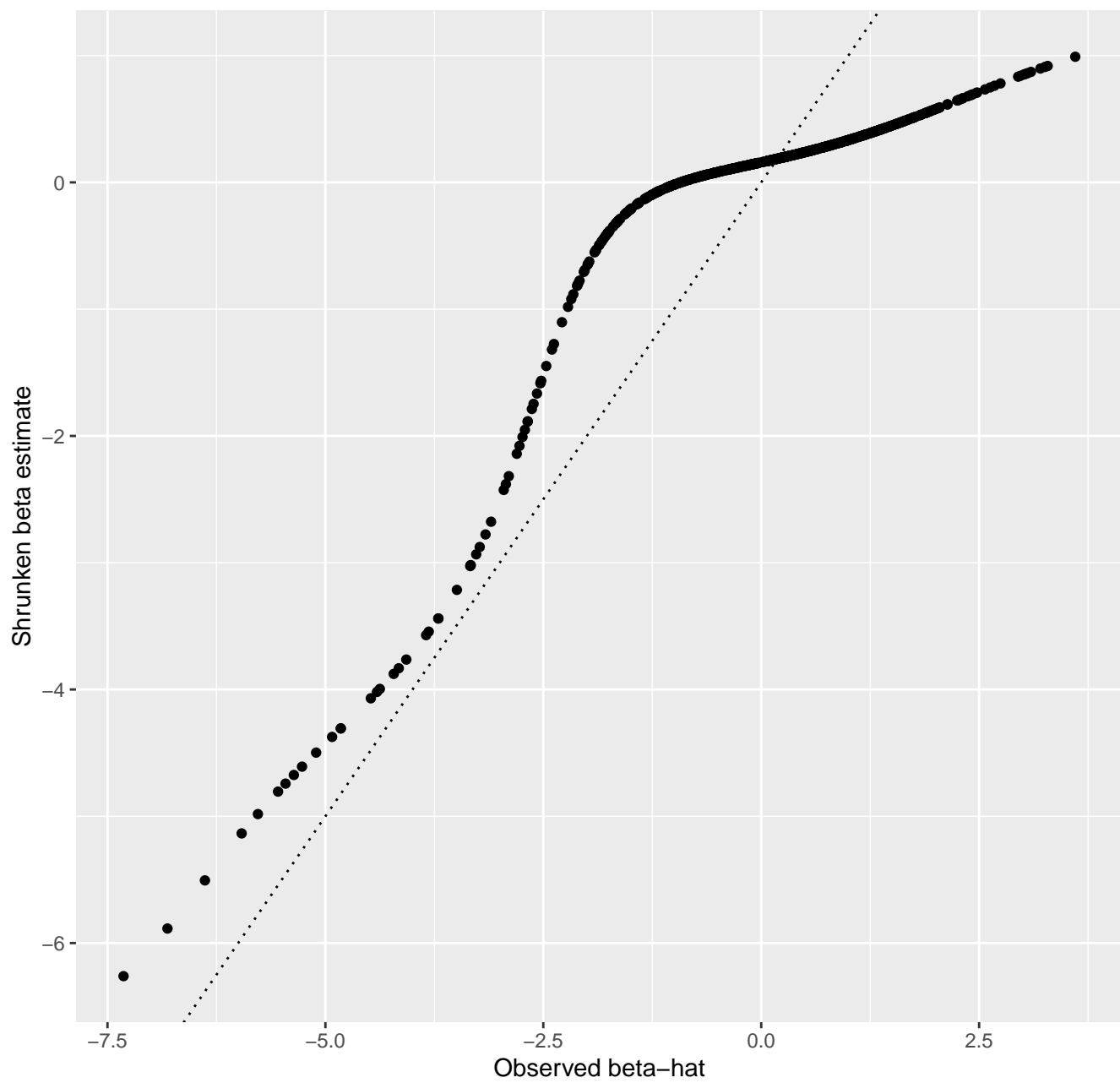
VDAC2\_(7417) negative



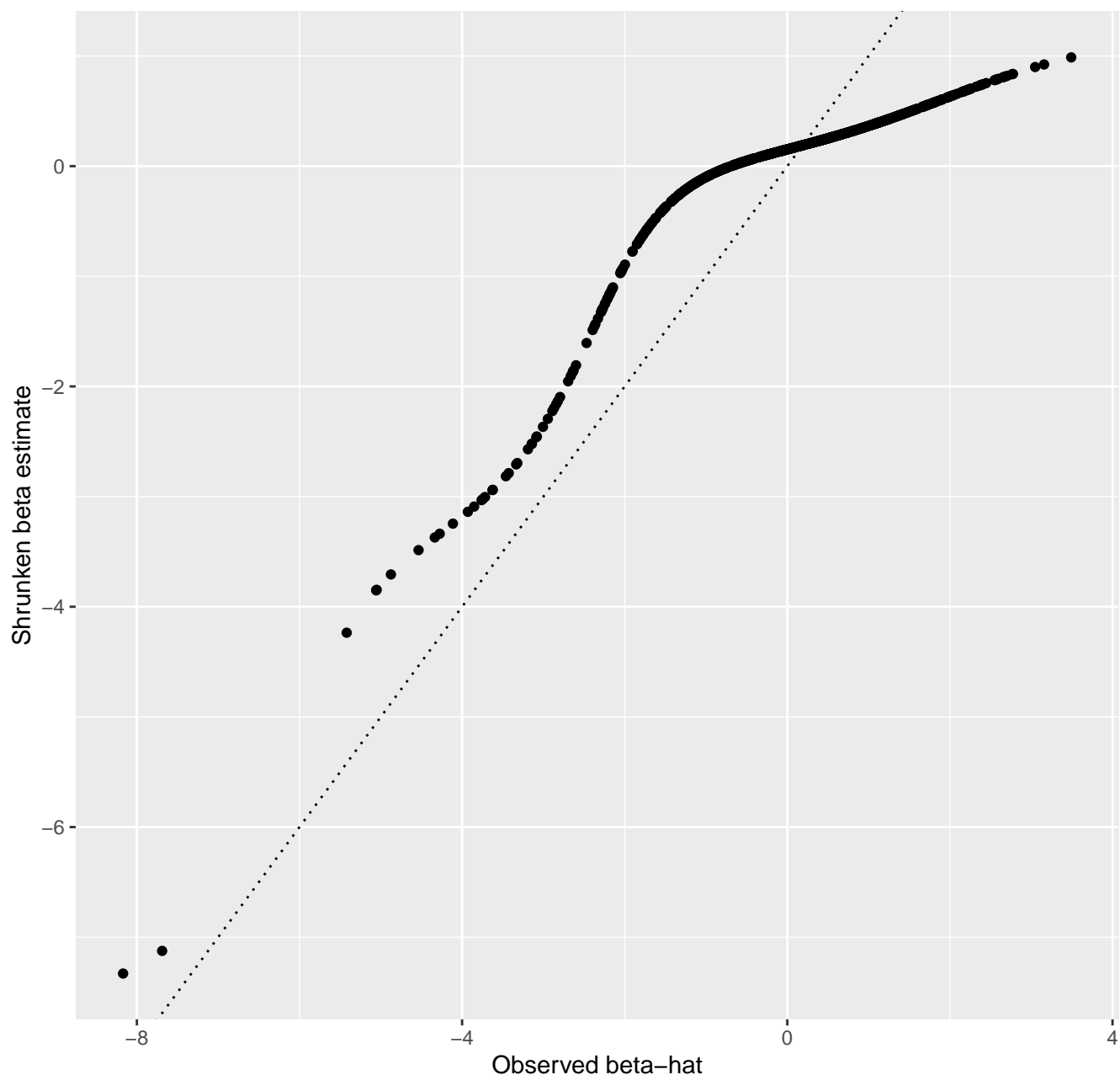
SEC31A\_(22872) negative



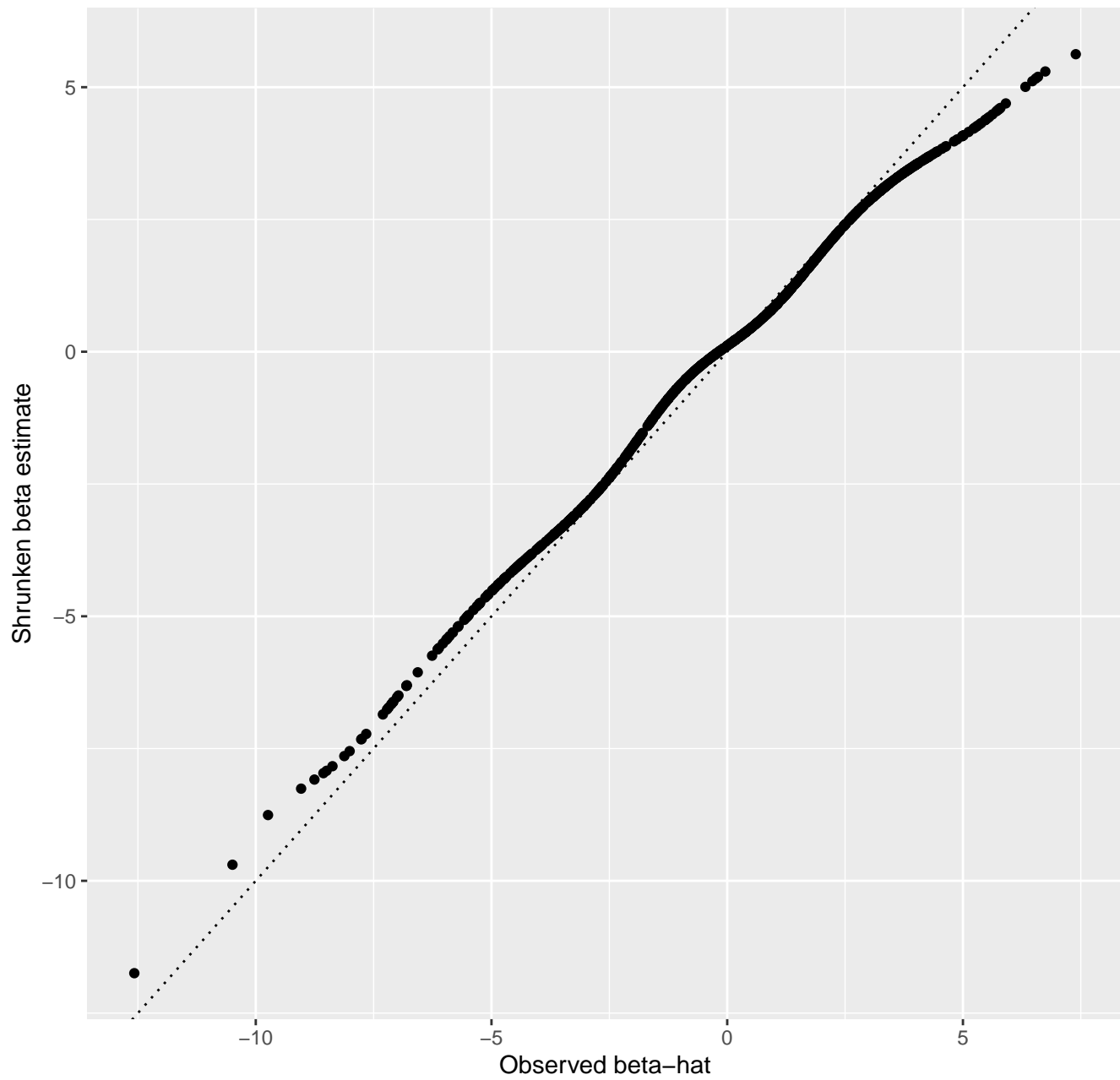
ARID1B\_(57492) negative



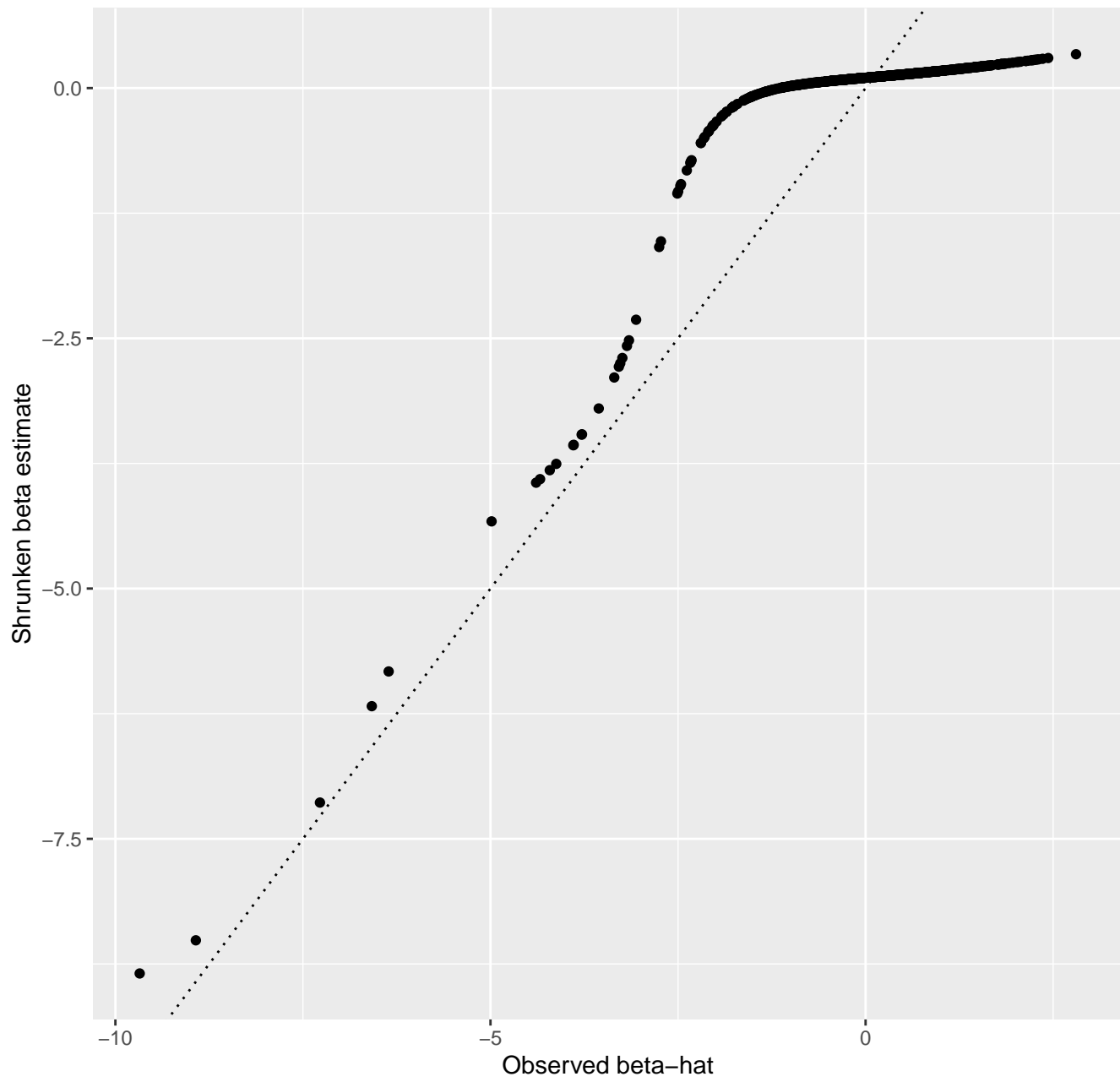
FANCG\_(2189) negative



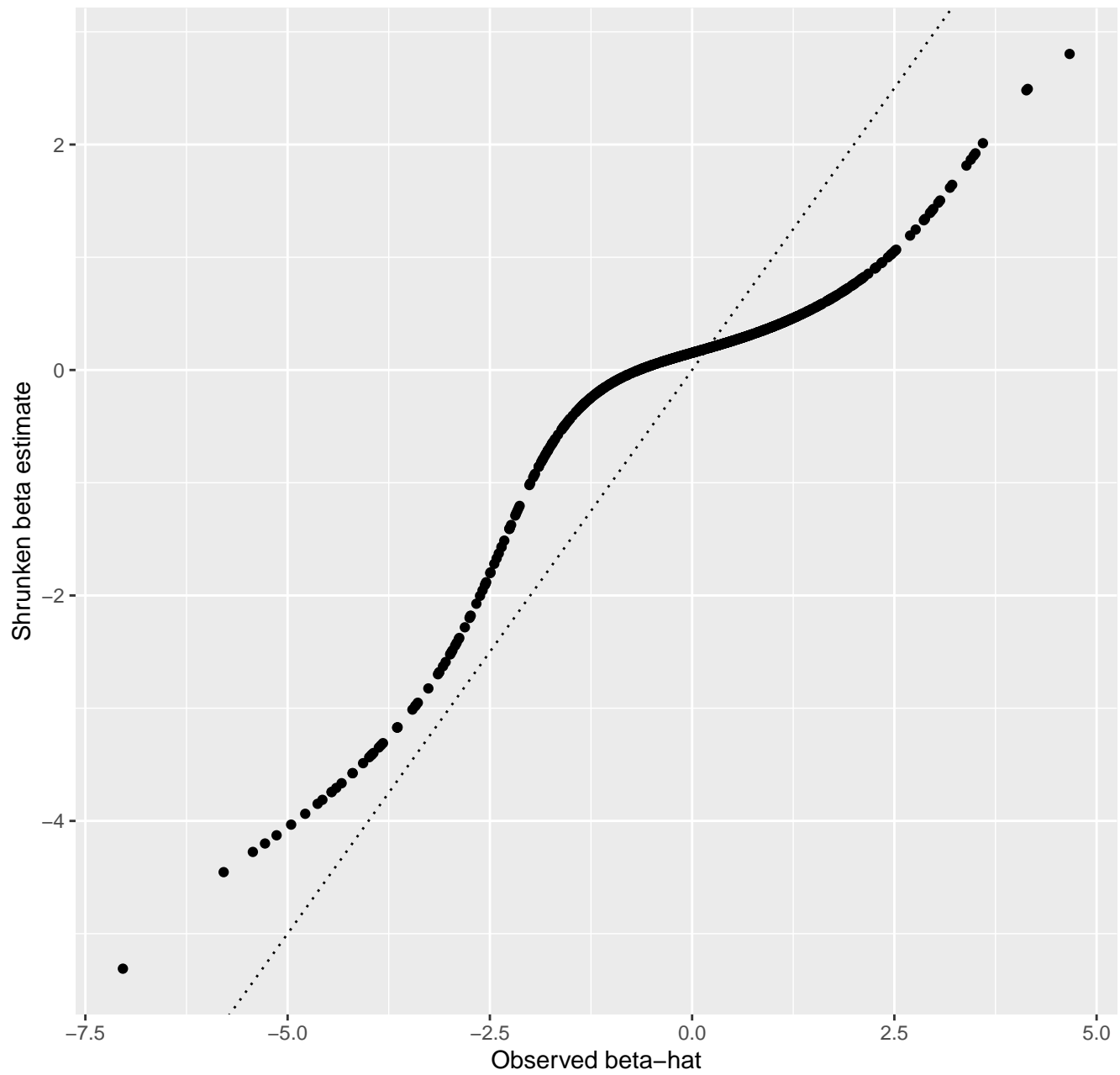
BCL2L1\_(598) positive



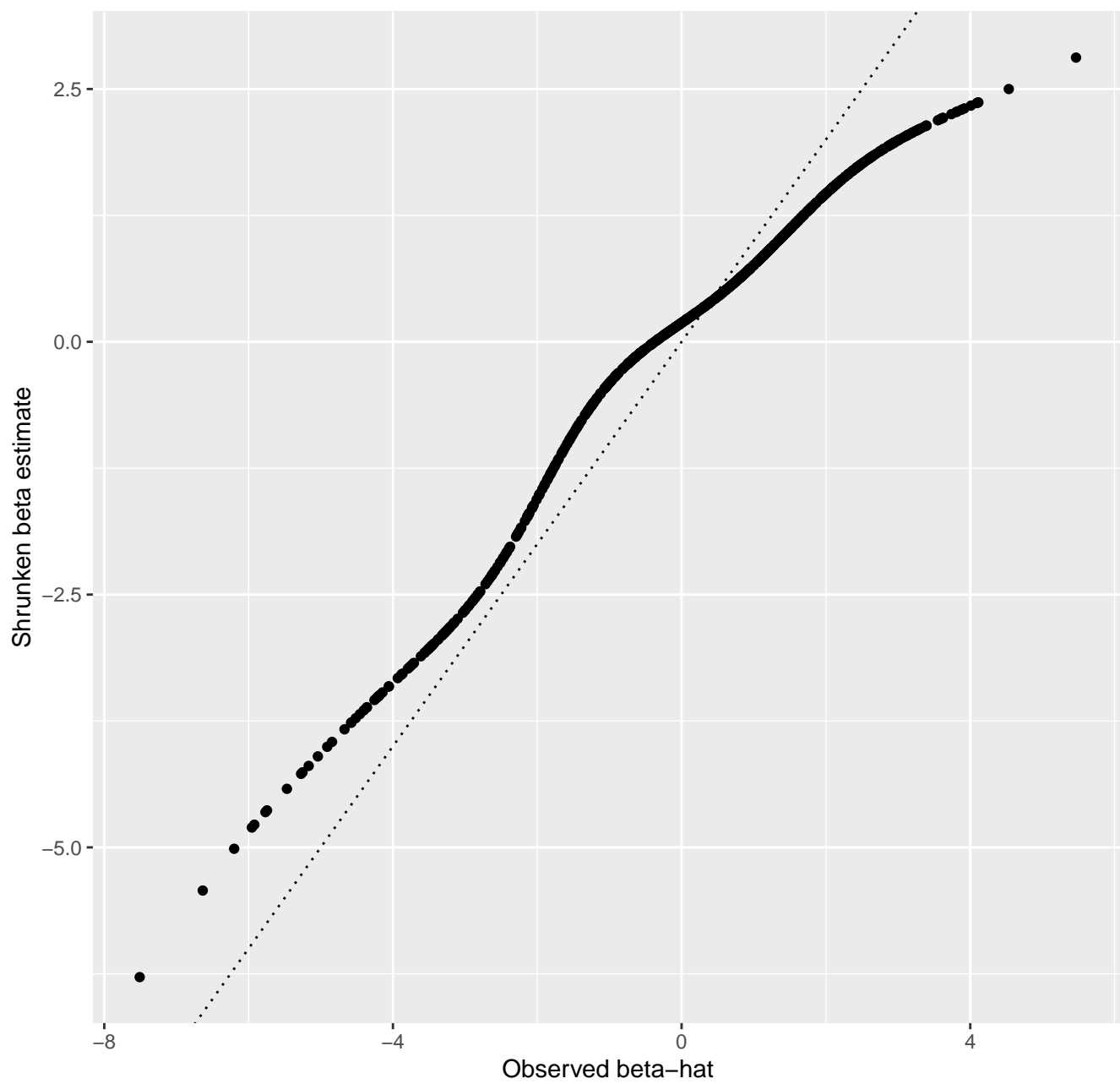
CSTF2\_(1478) negative



UGCG\_(7357) negative

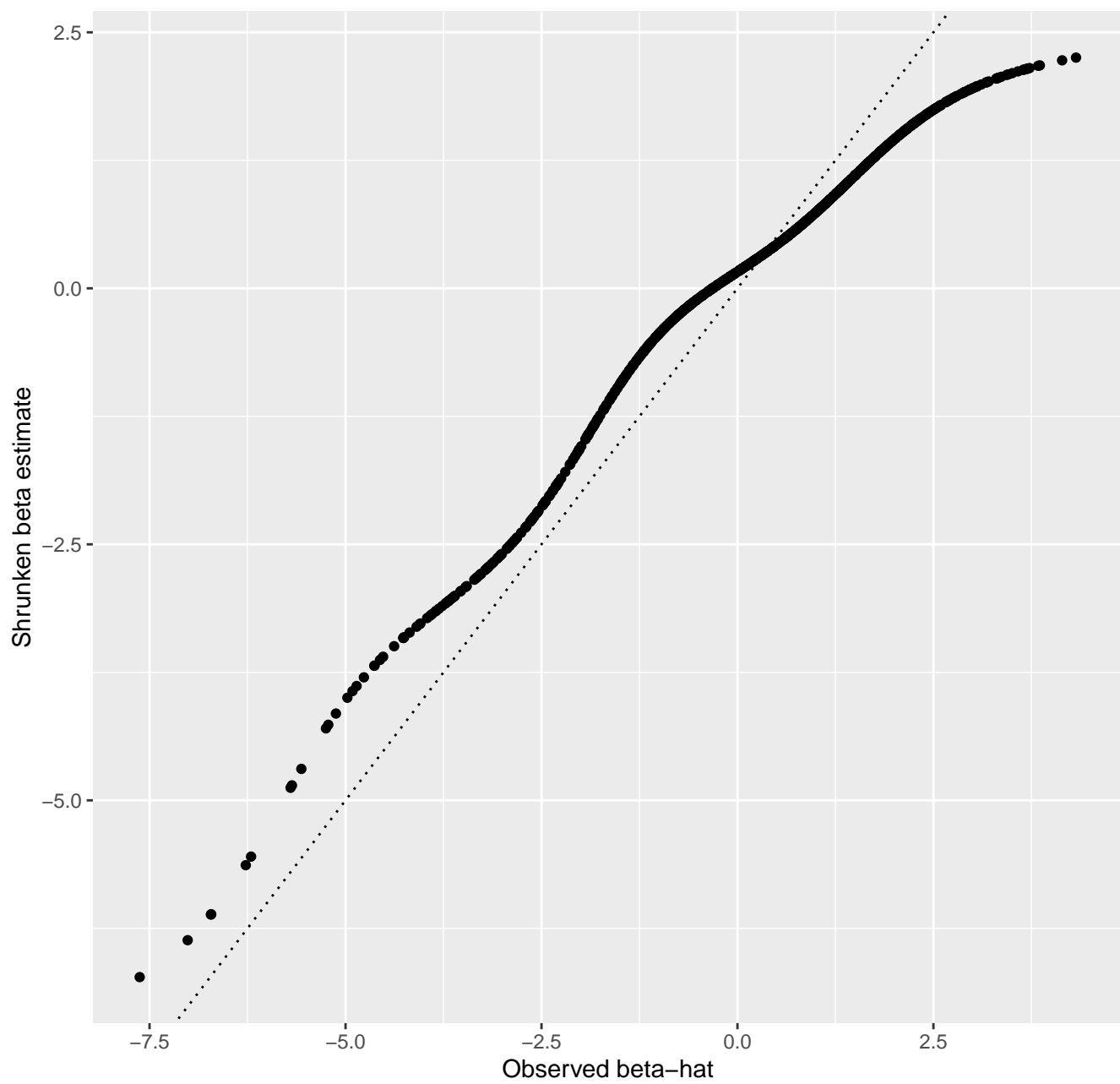


RFK\_(55312) negative

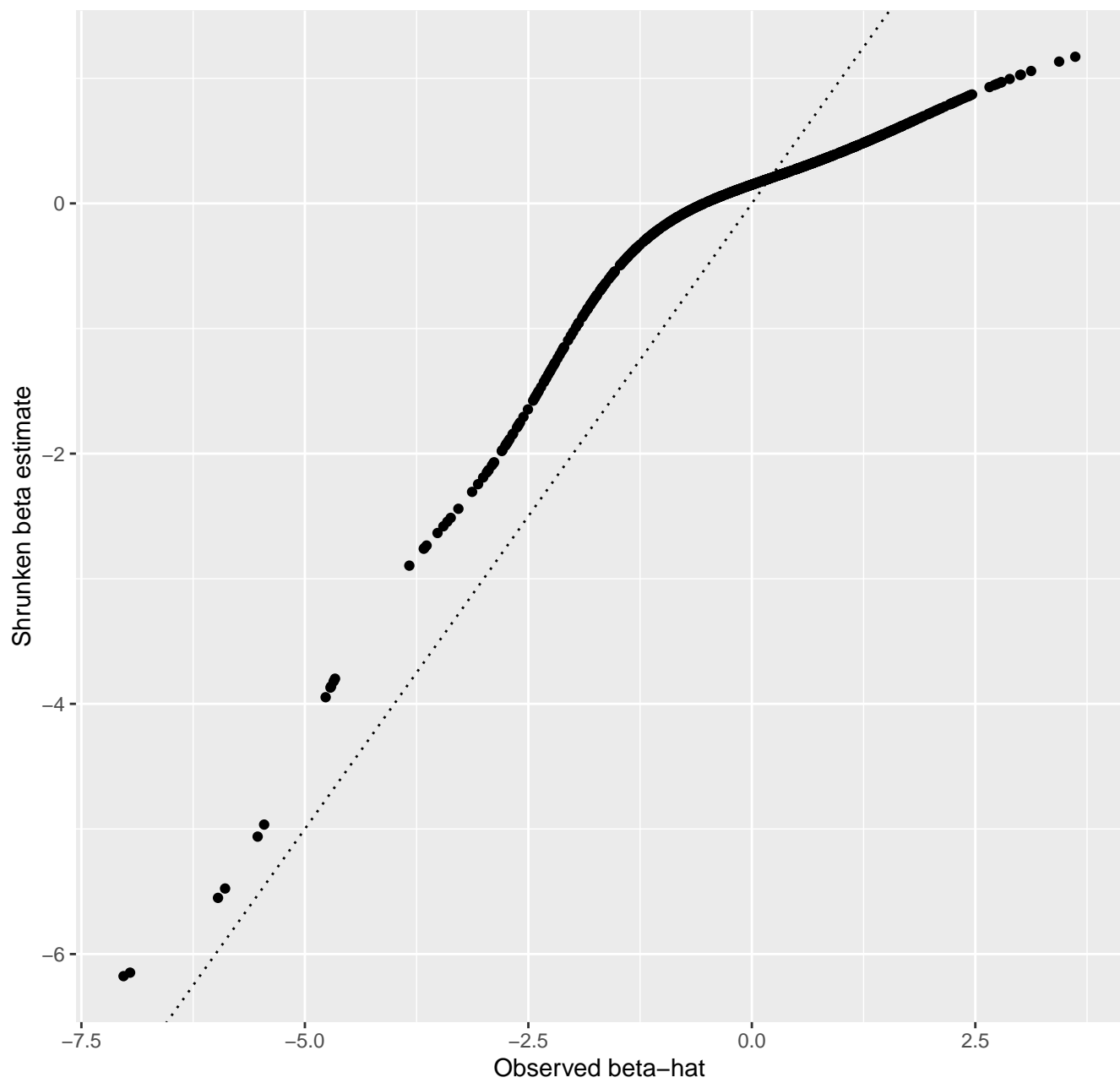




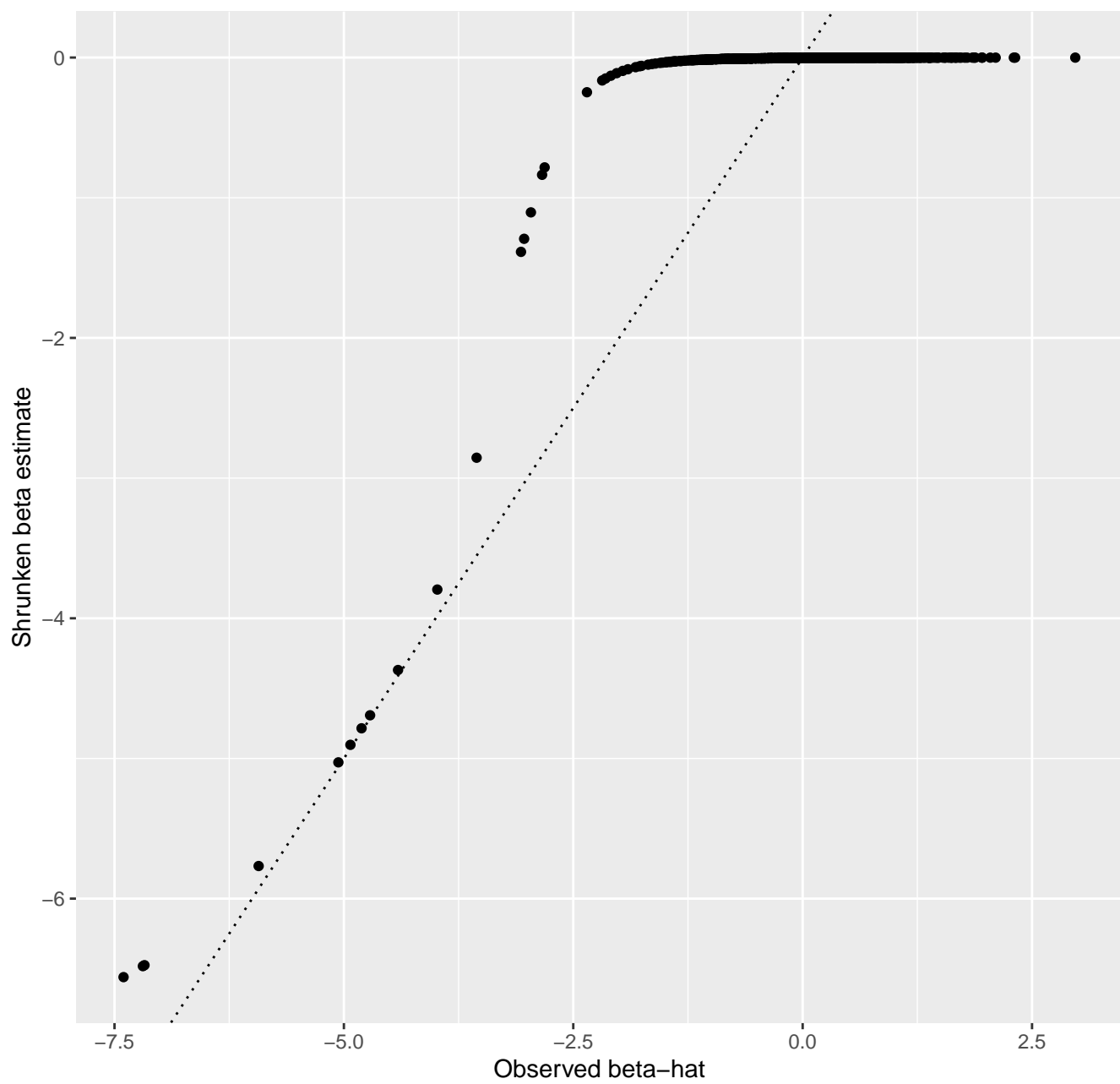
POP7\_(10248) negative



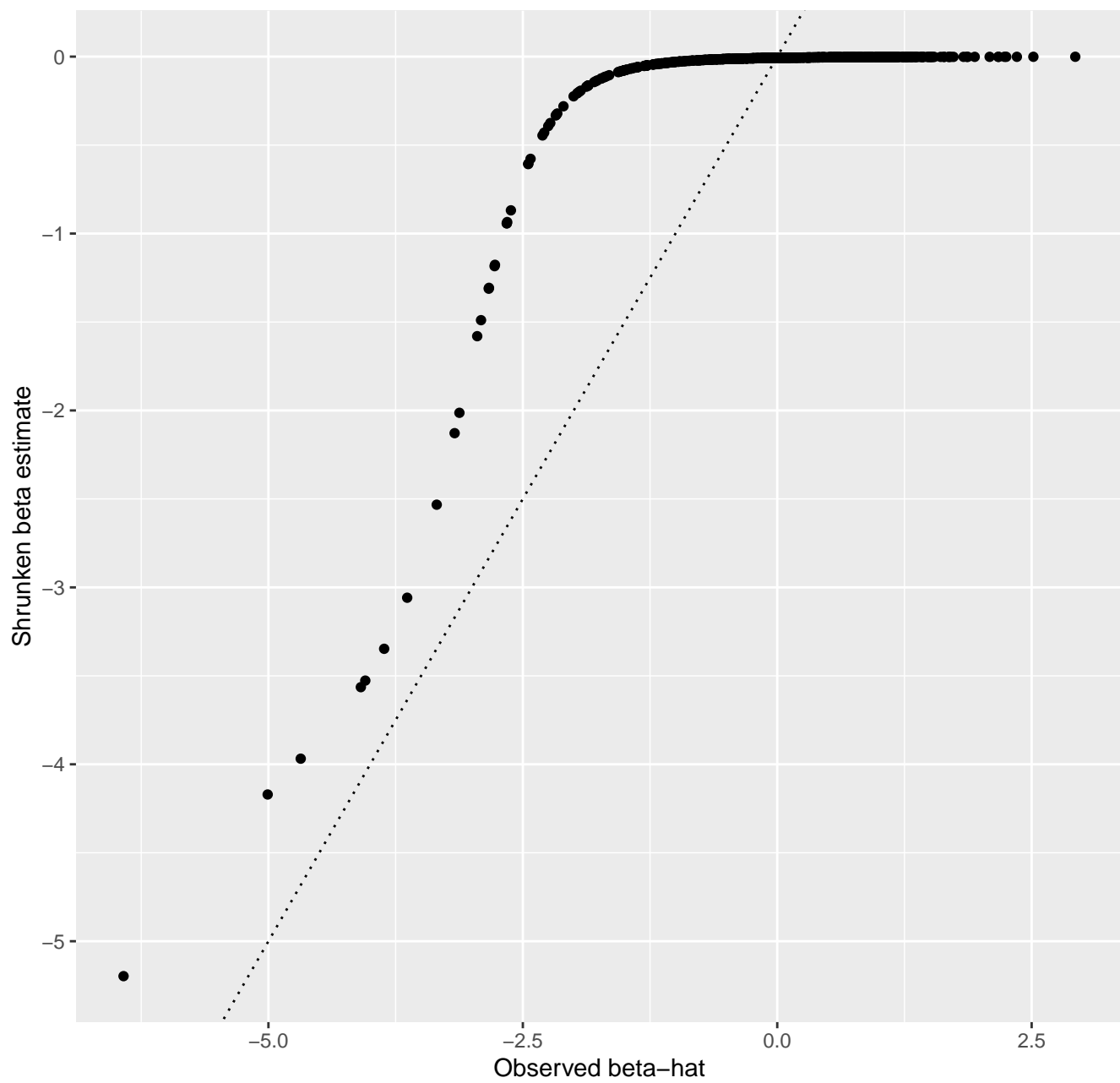
RNH1\_(6050) negative



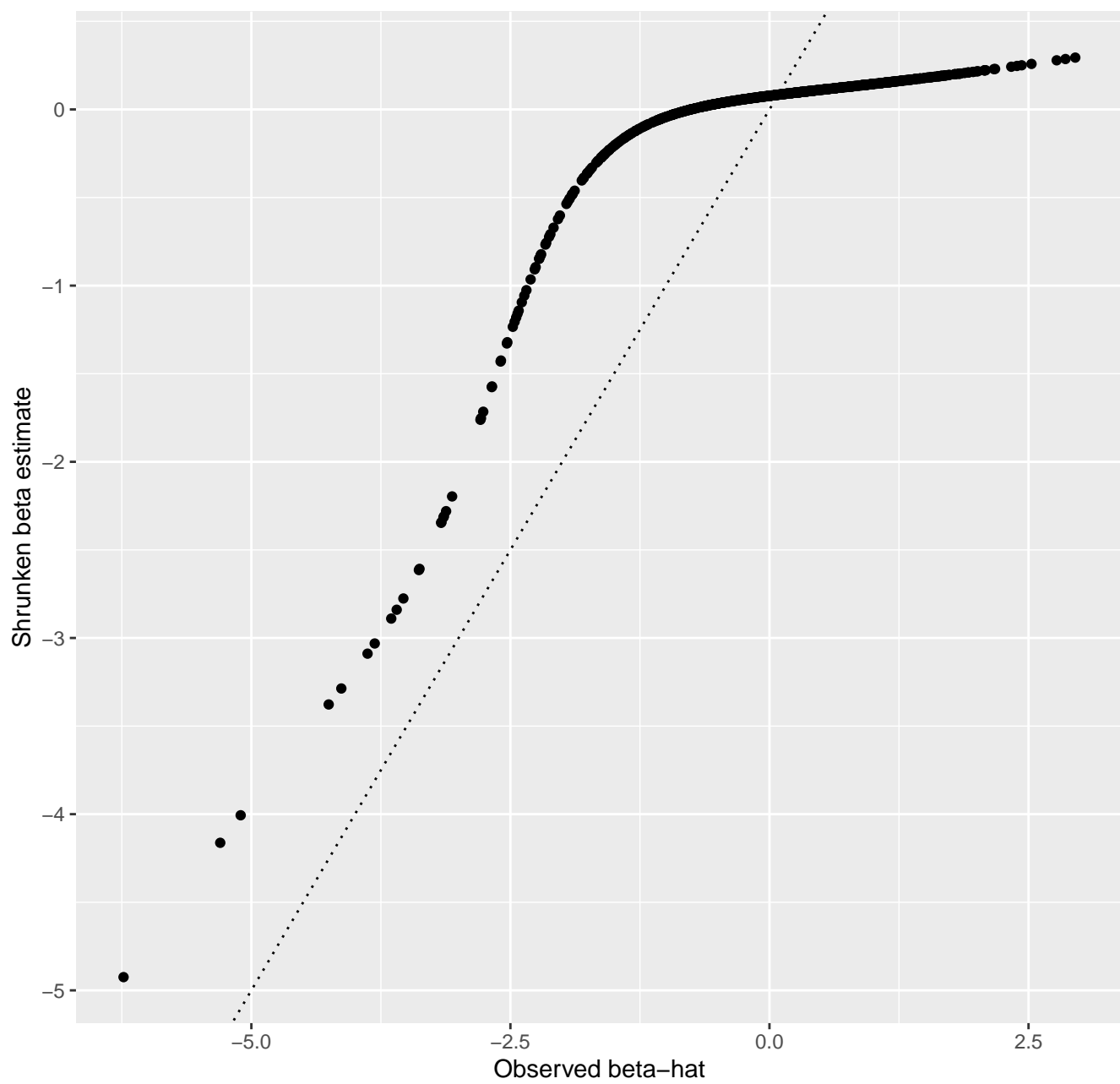
FGFR2\_(2263) negative



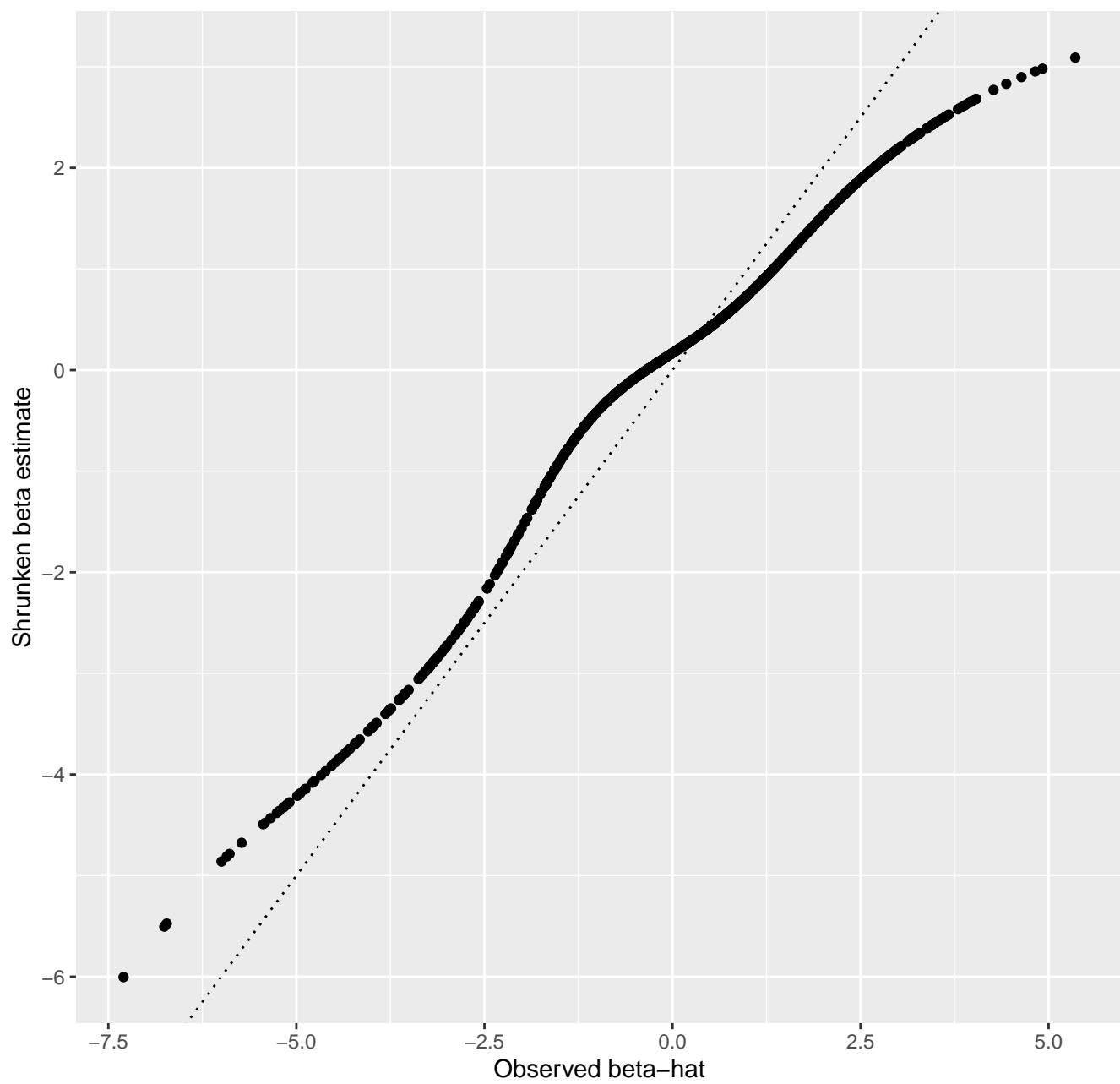
WDR89\_(112840) negative



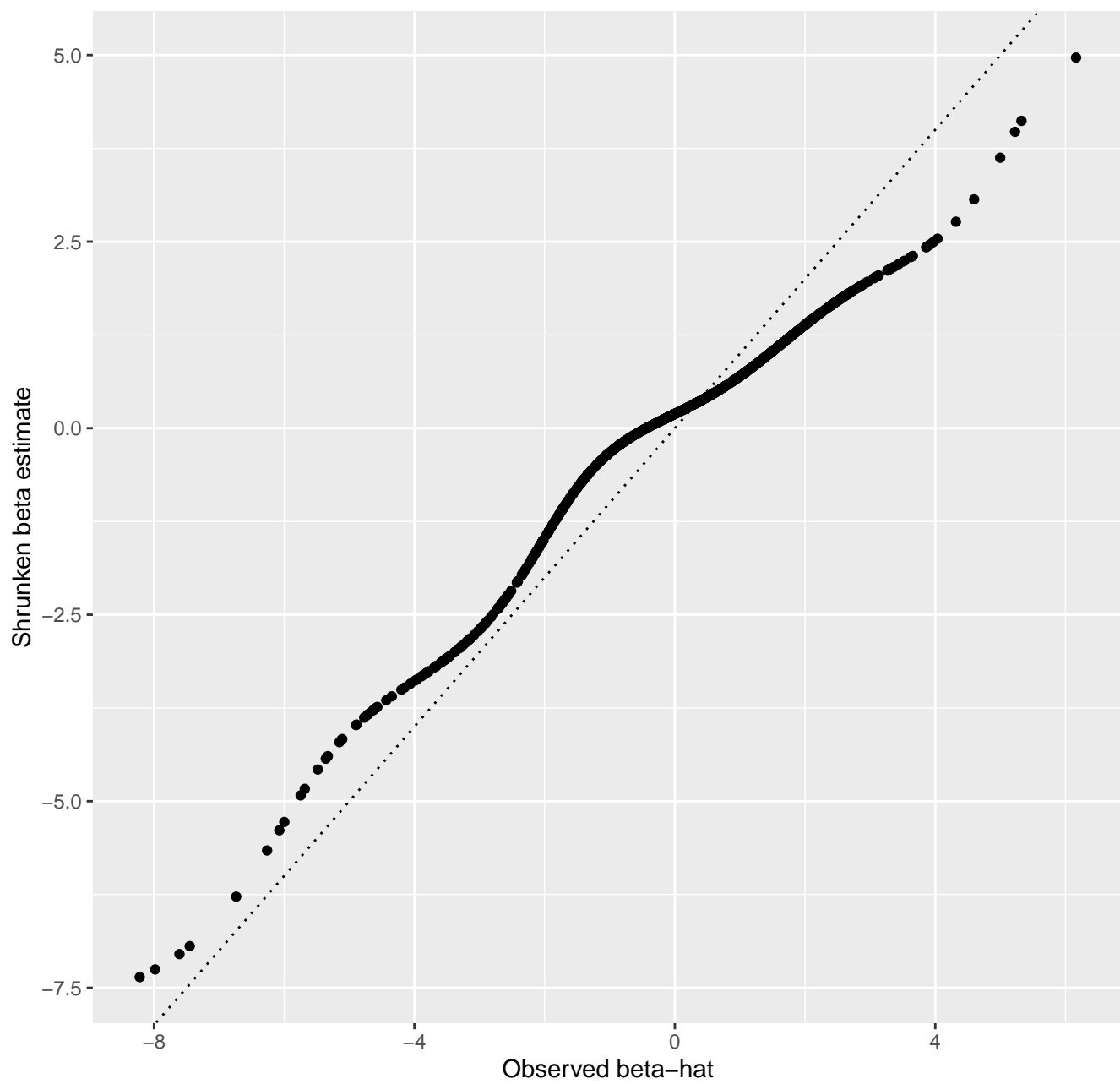
MTFMT\_(123263) negative



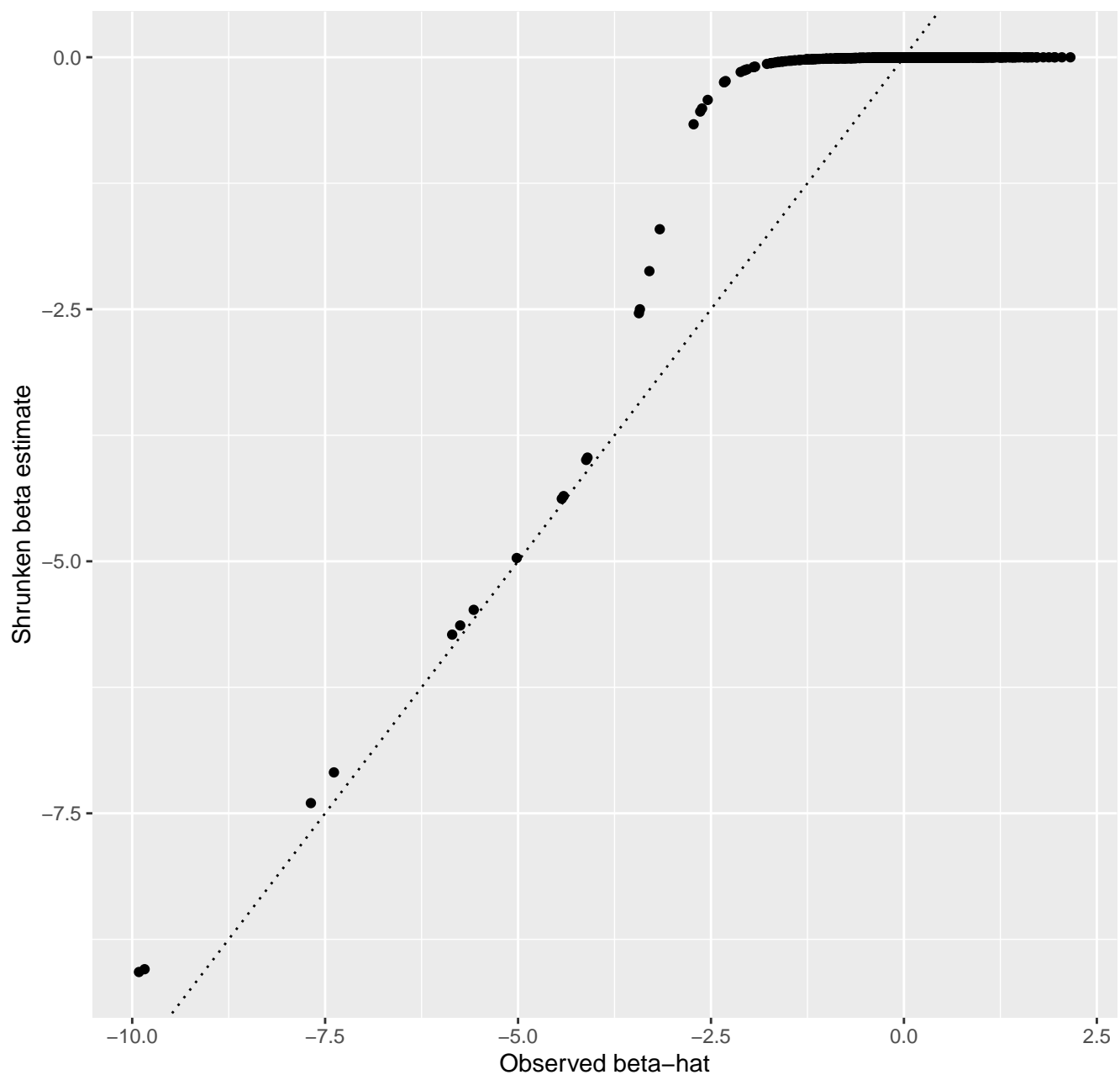
TKT\_(7086) negative



SLC4A7\_(9497) negative

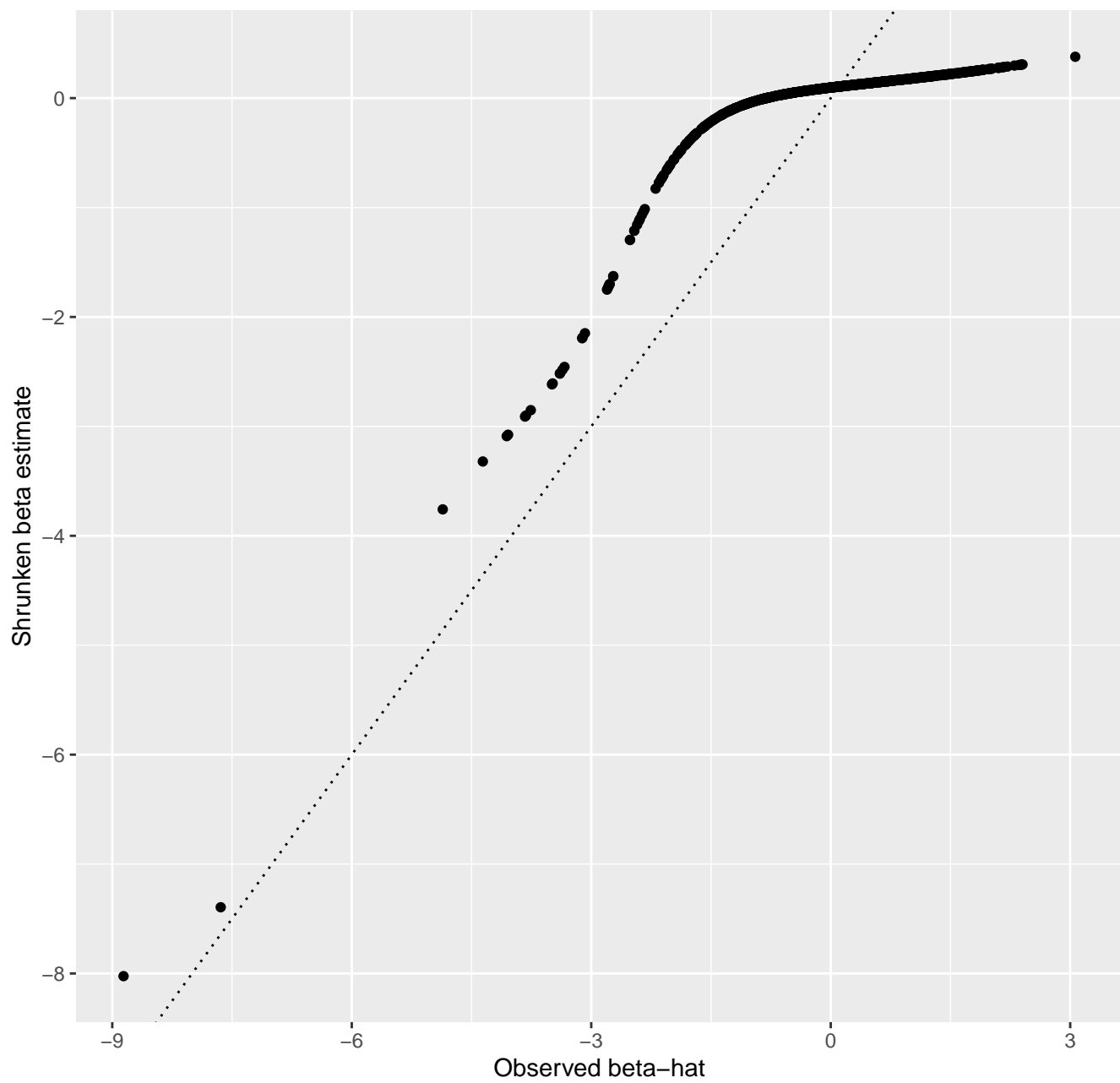


CD46\_(4179) negative

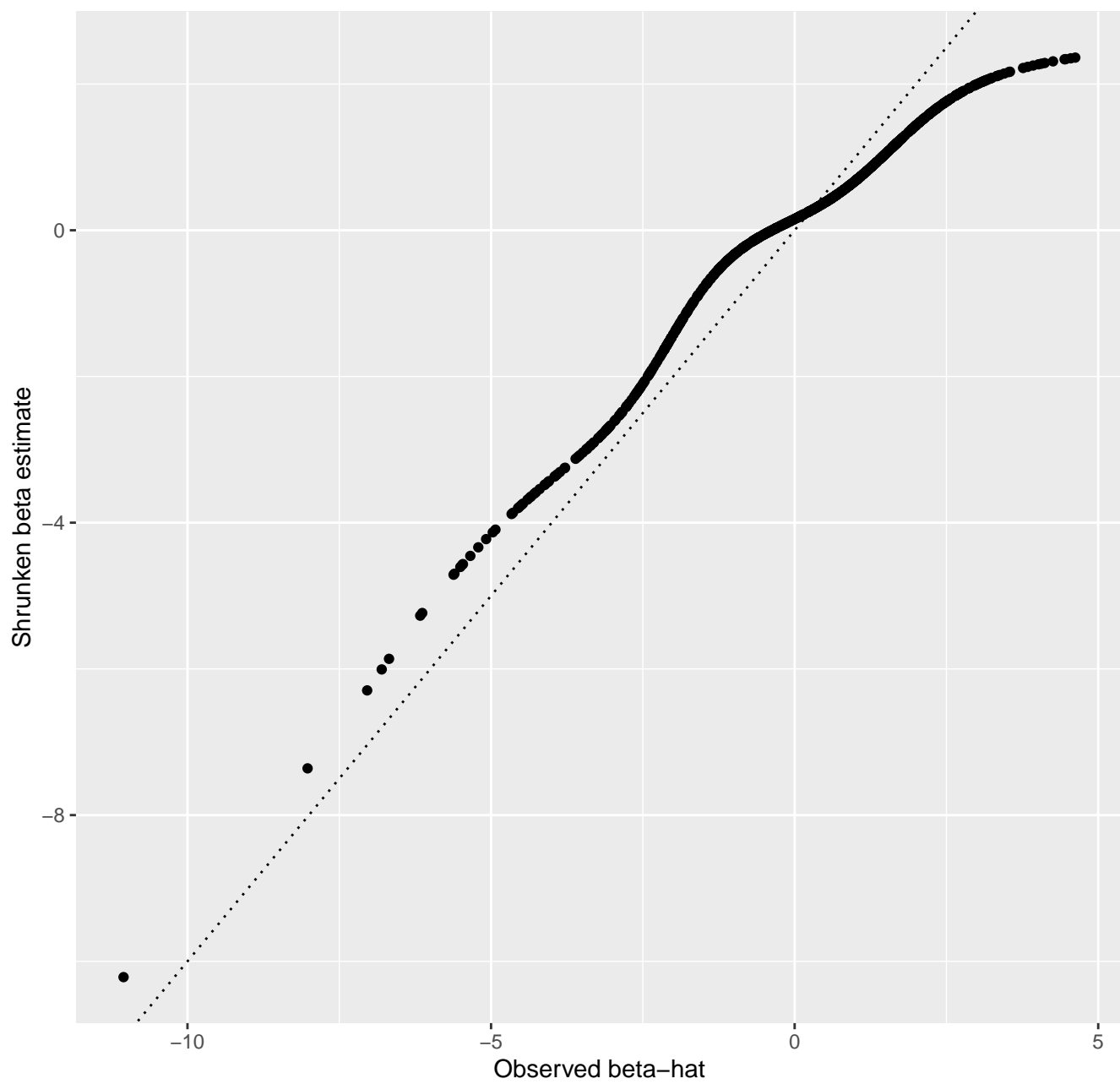




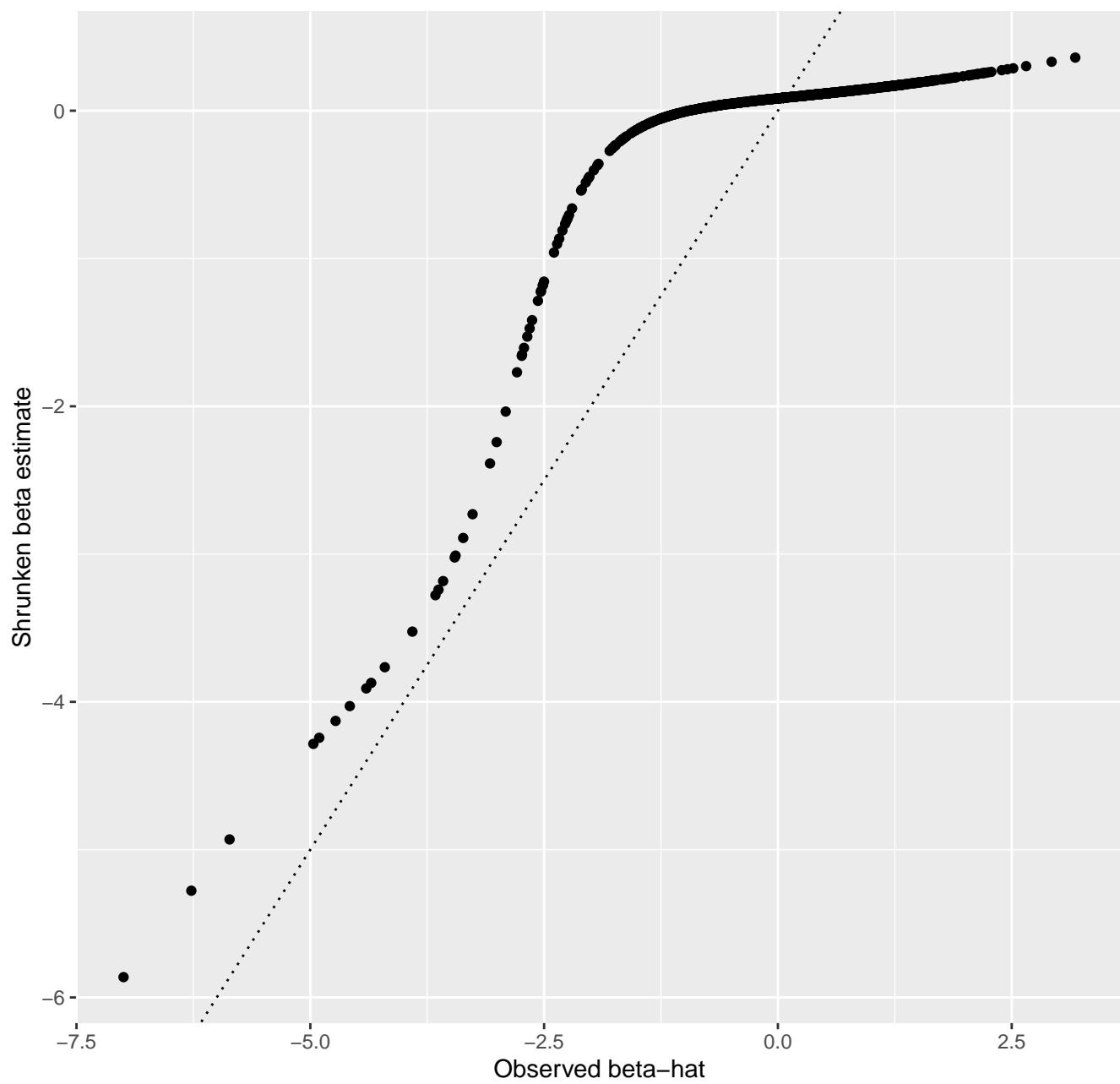
ARHGAP1\_(392) negative



CMIP\_(80790) negative

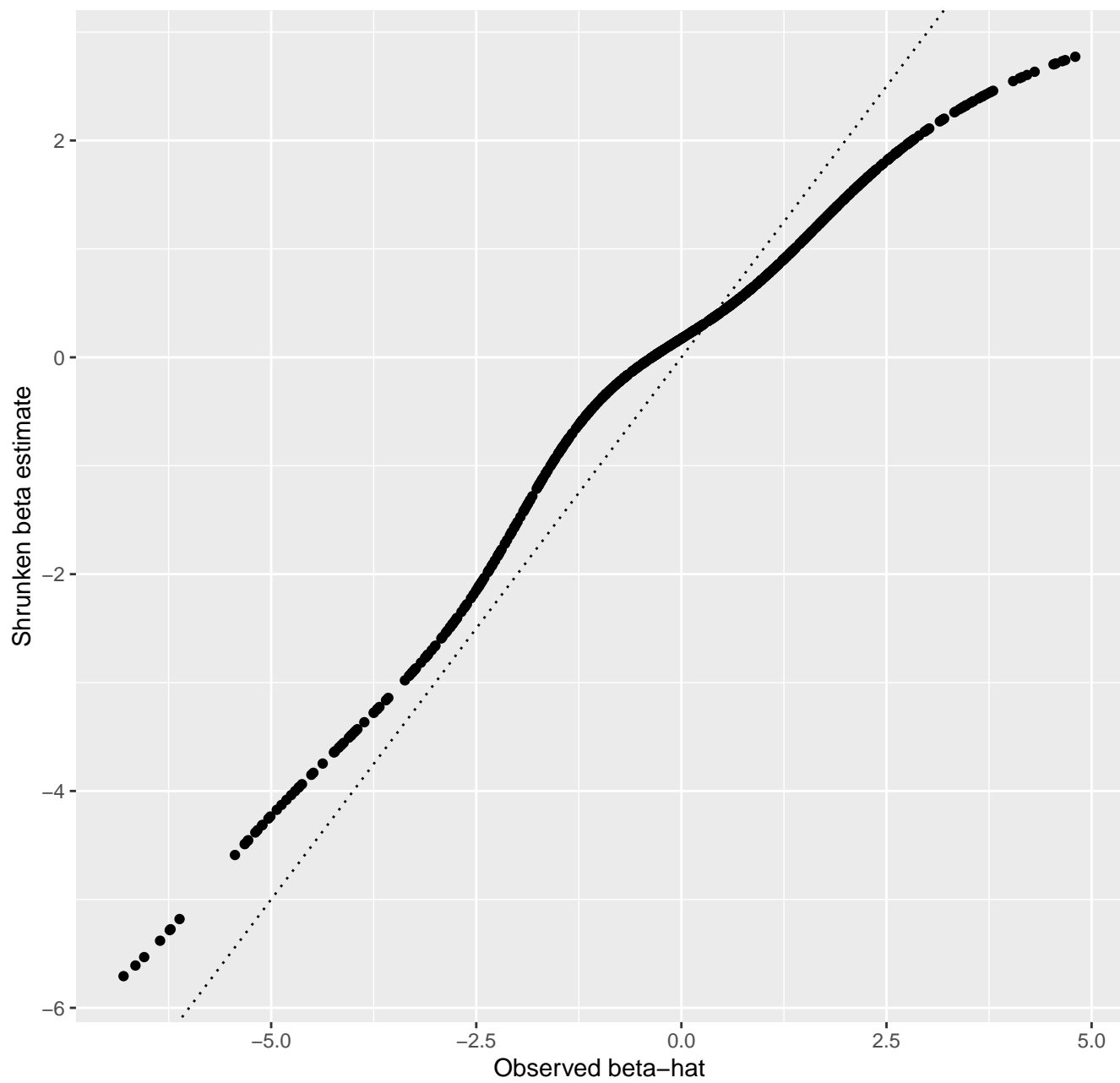


PEX13\_(5194) negative

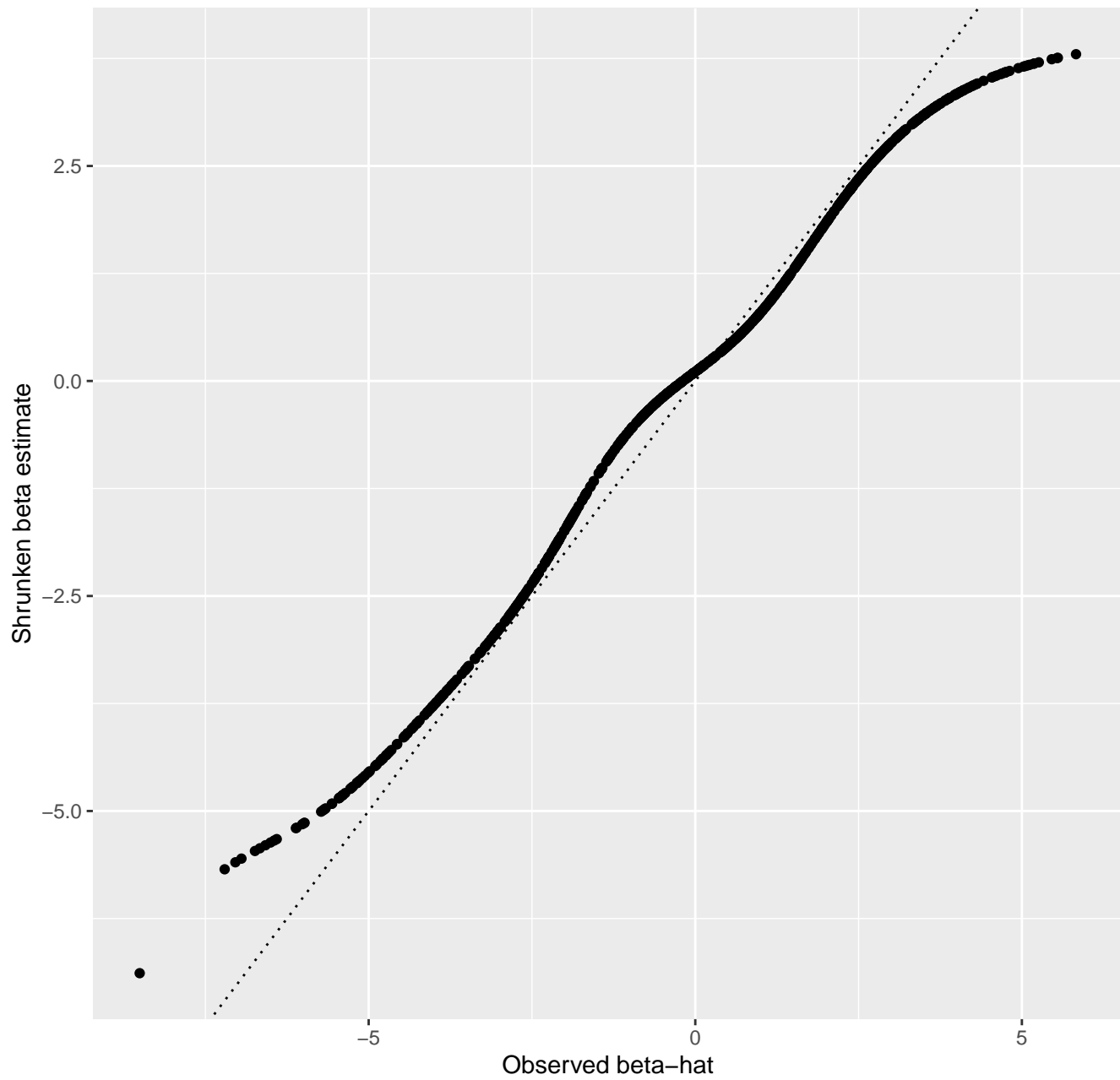




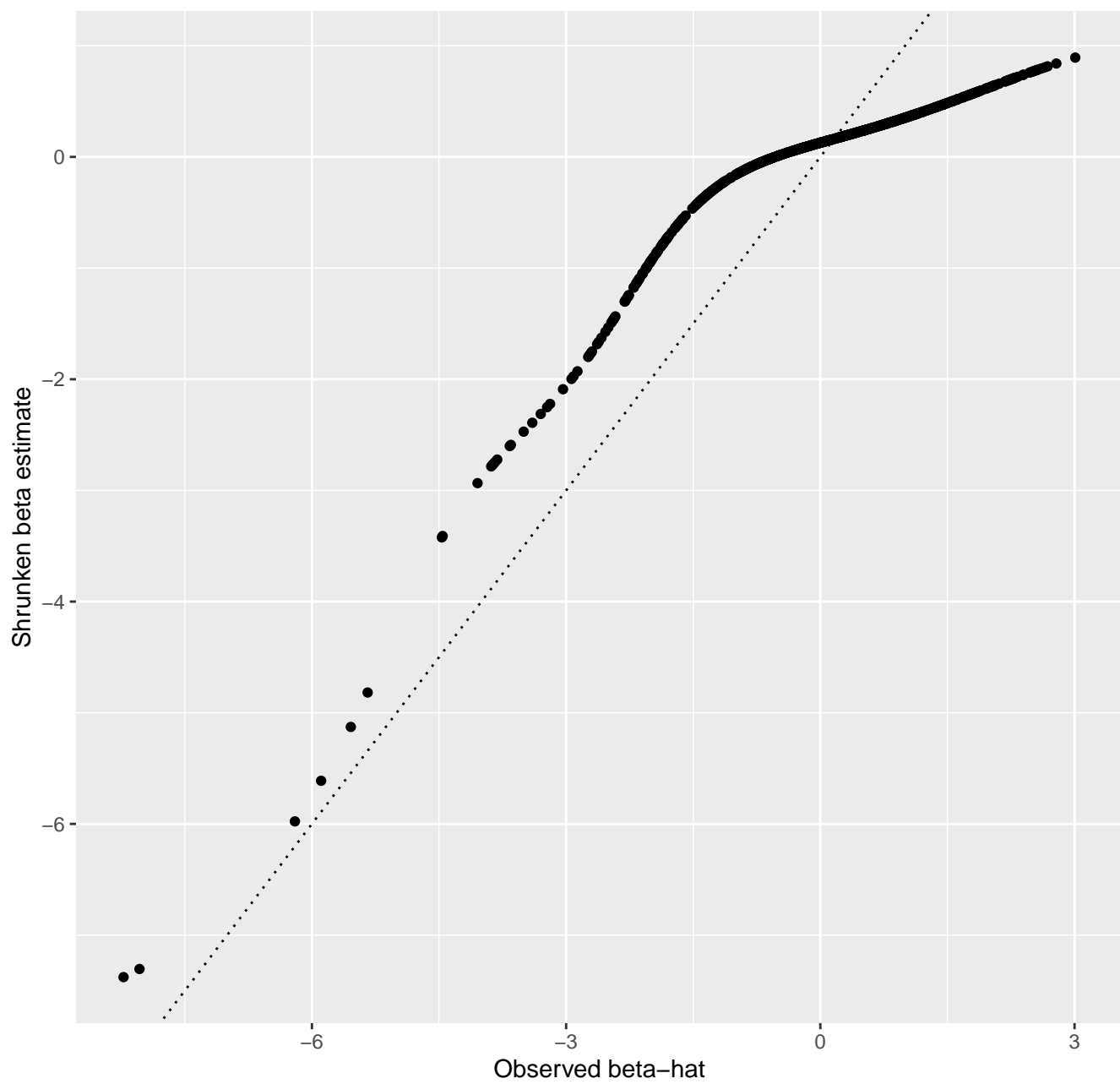
GET4\_(51608) negative



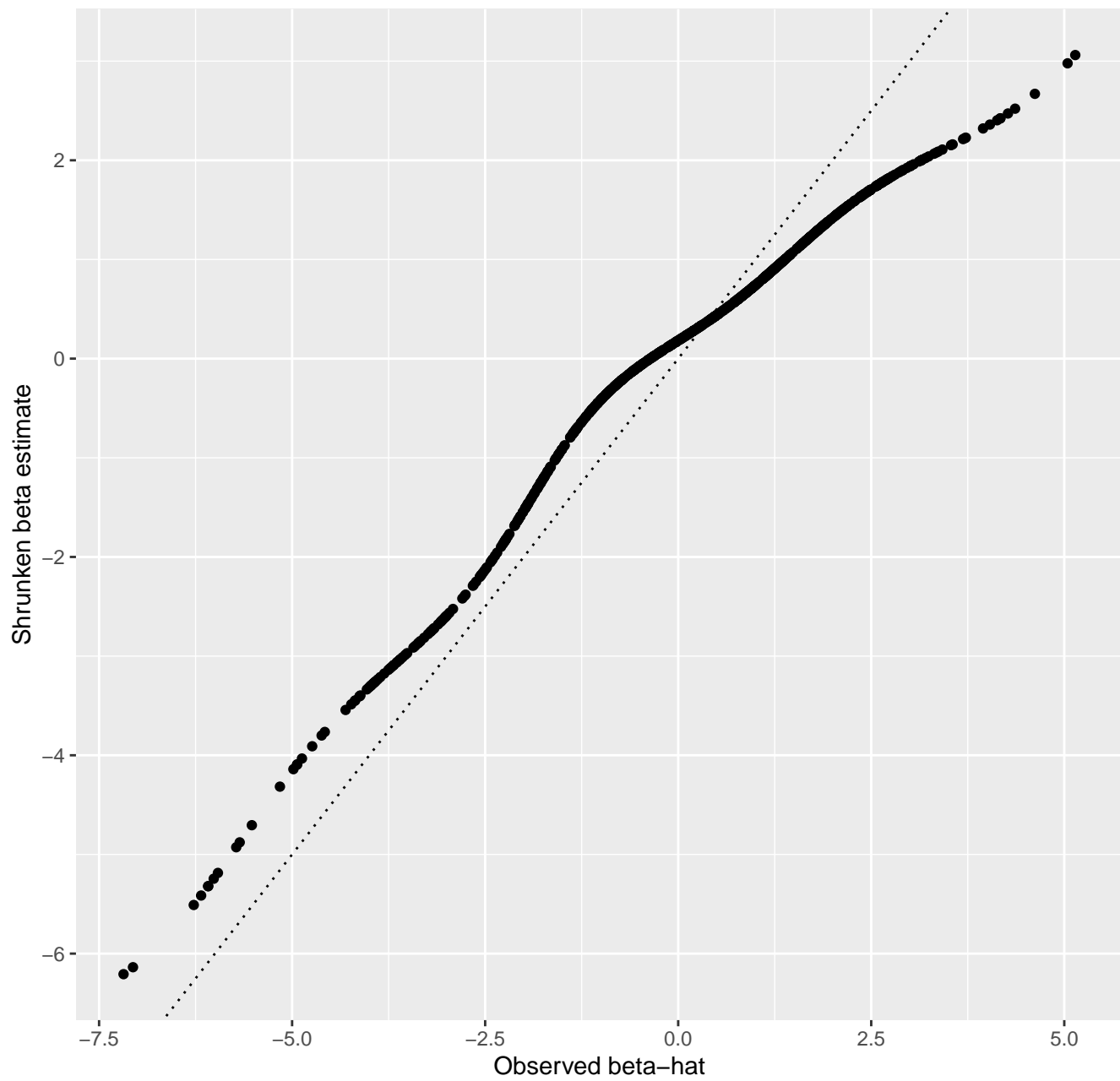
WDR73\_(84942) negative



CIP2A\_(57650) negative

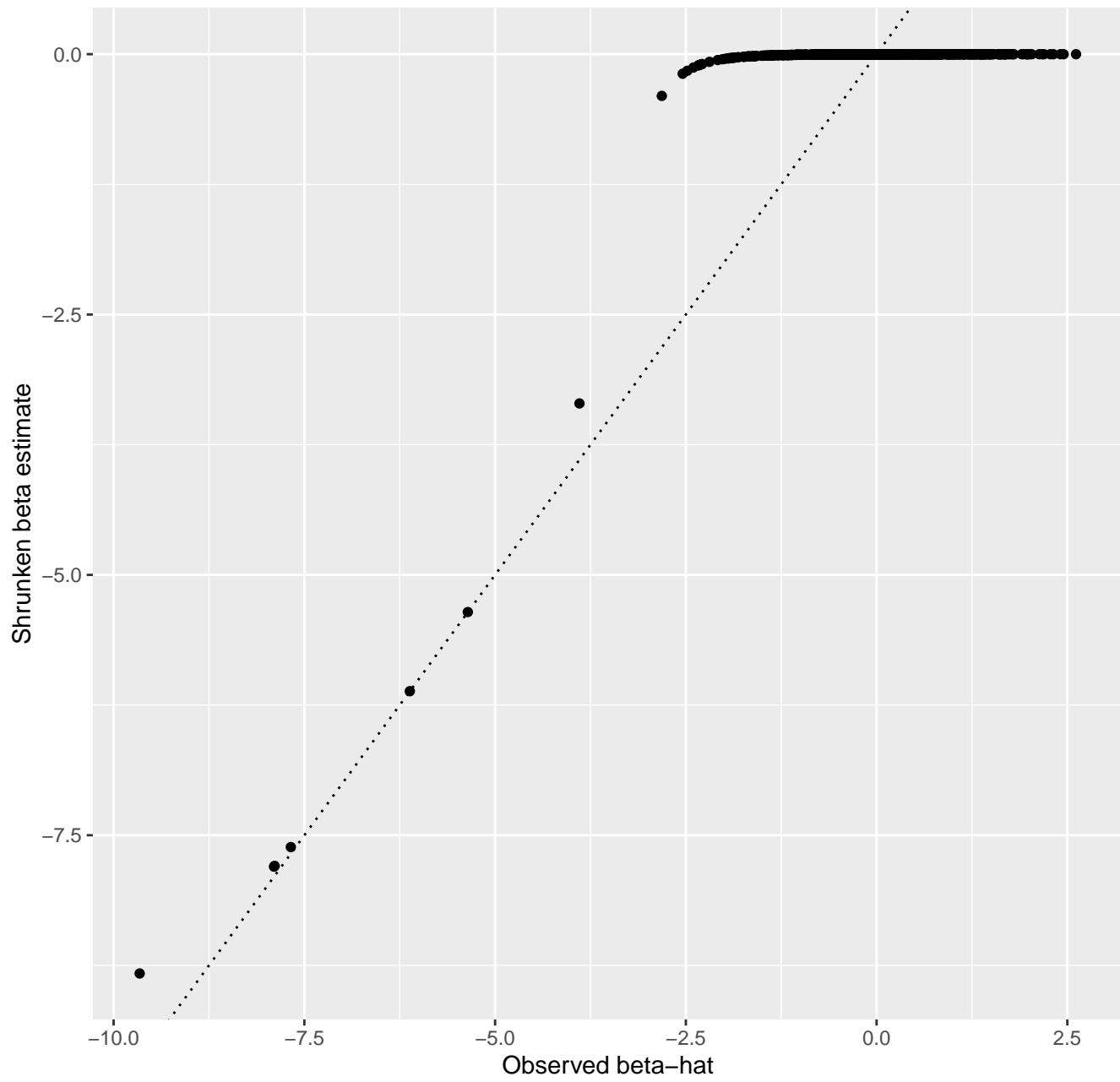


RBM18\_(92400) negative

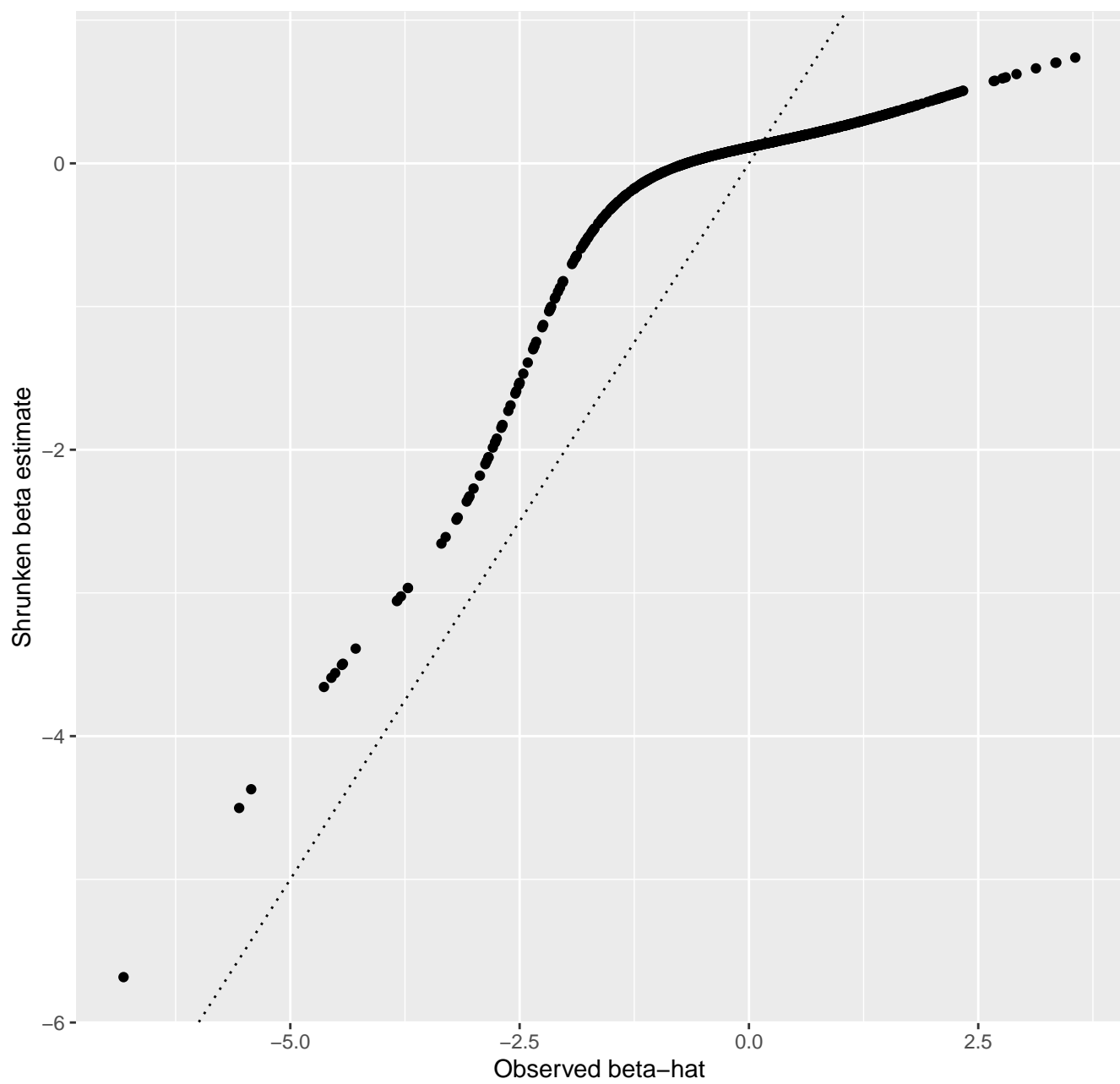




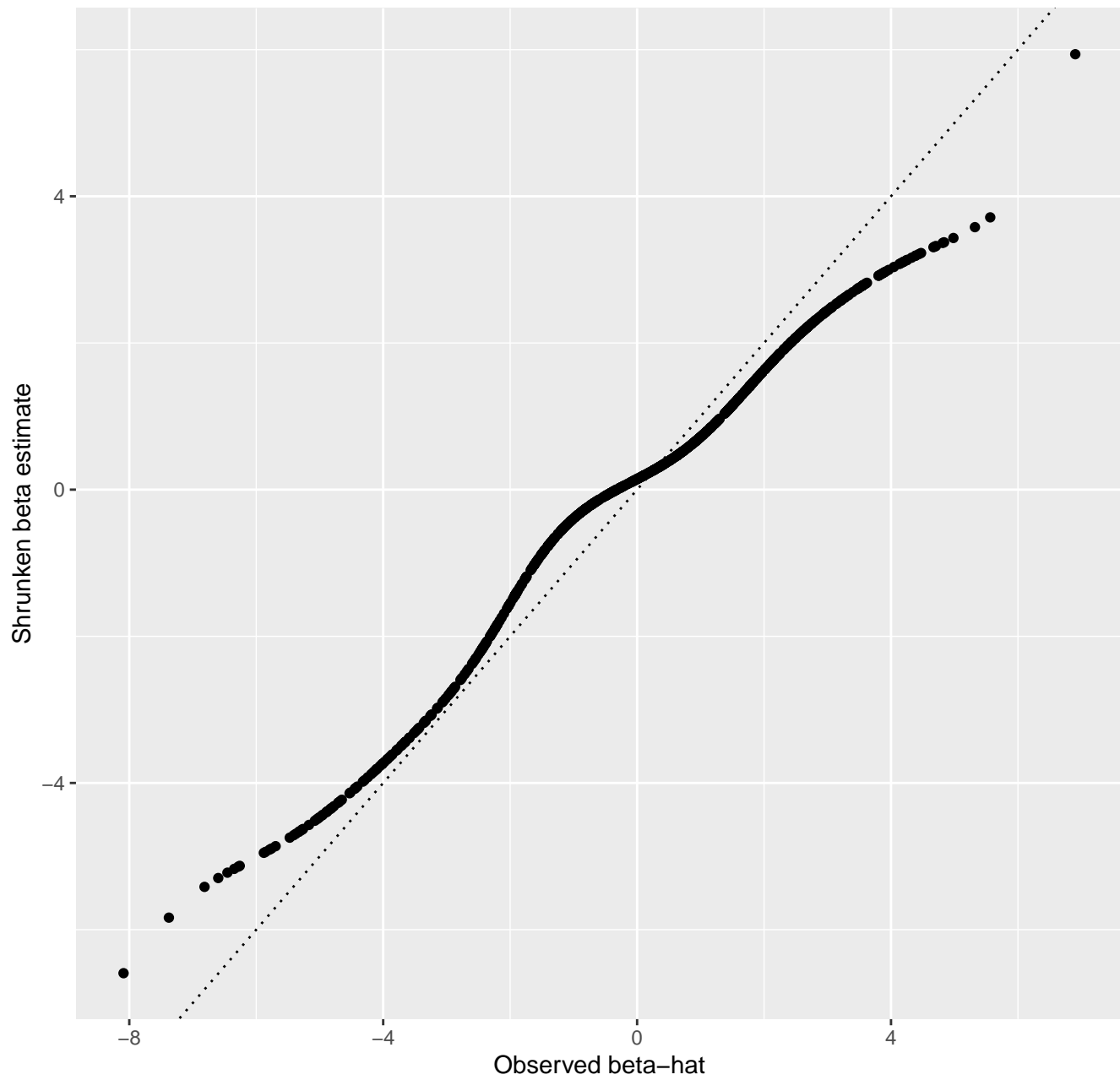
BCR\_(613) negative



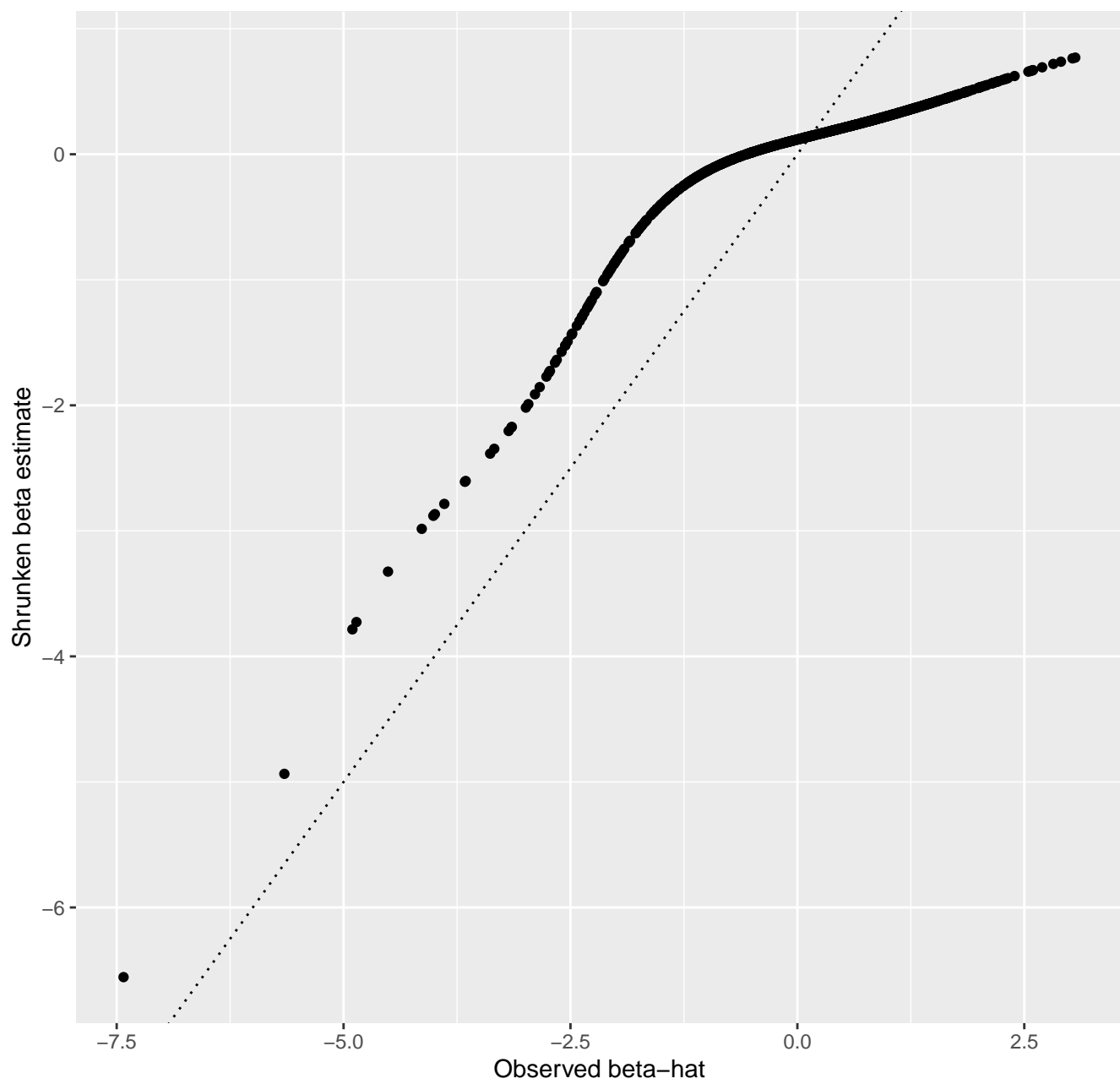
C19orf70\_(125988) negative



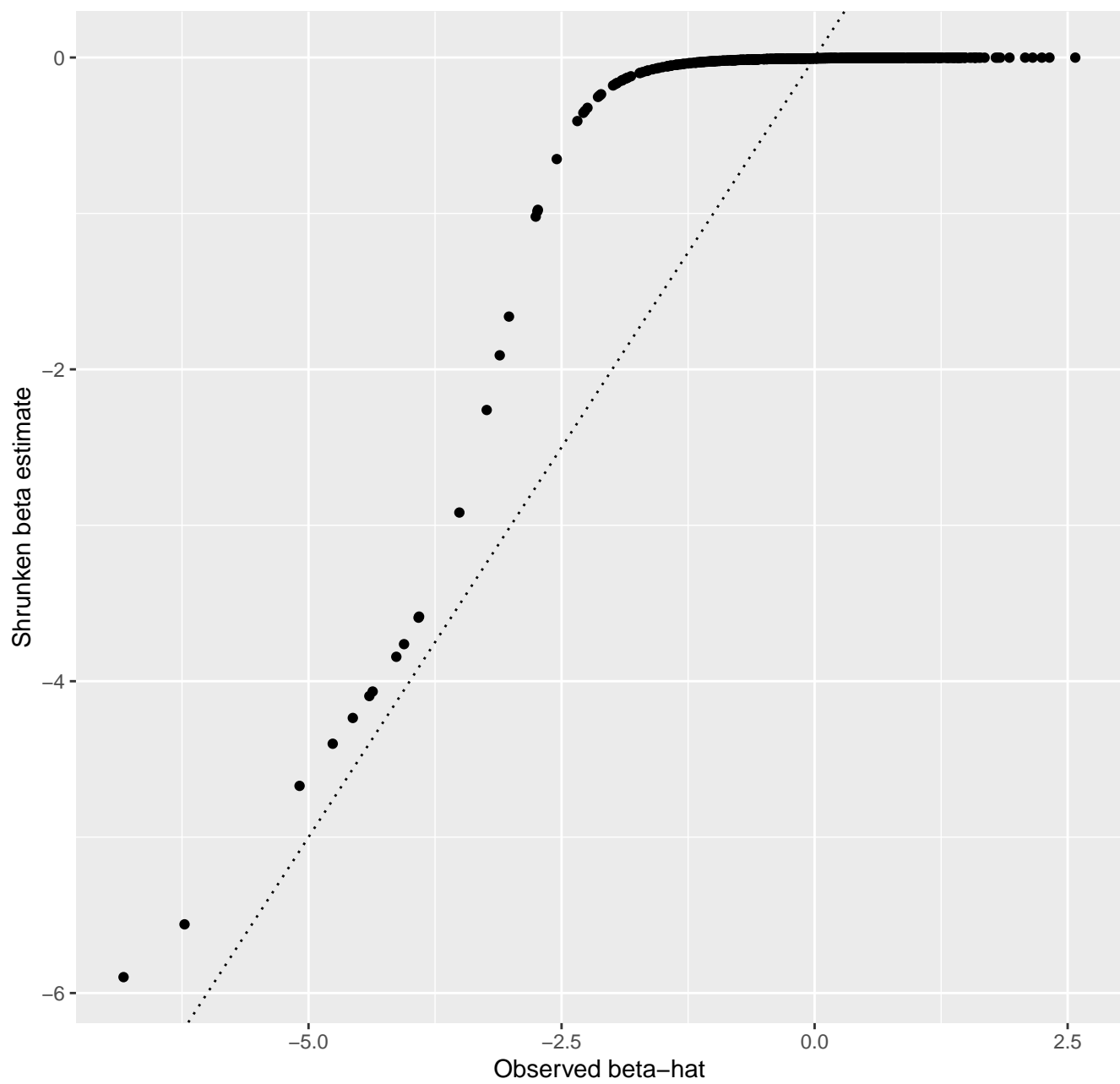
RAB10\_(10890) negative



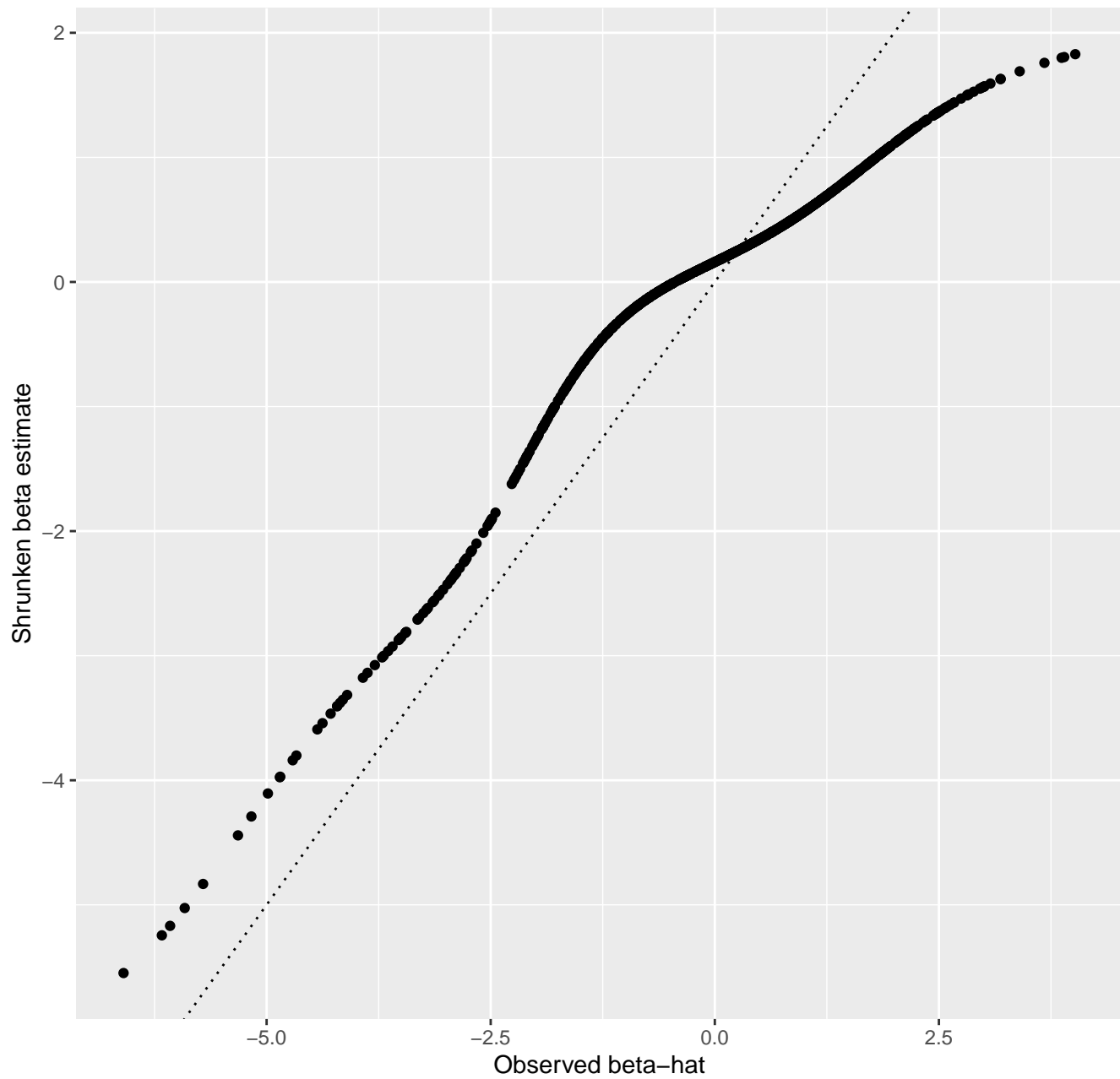
COL4A3BP\_(10087) negative



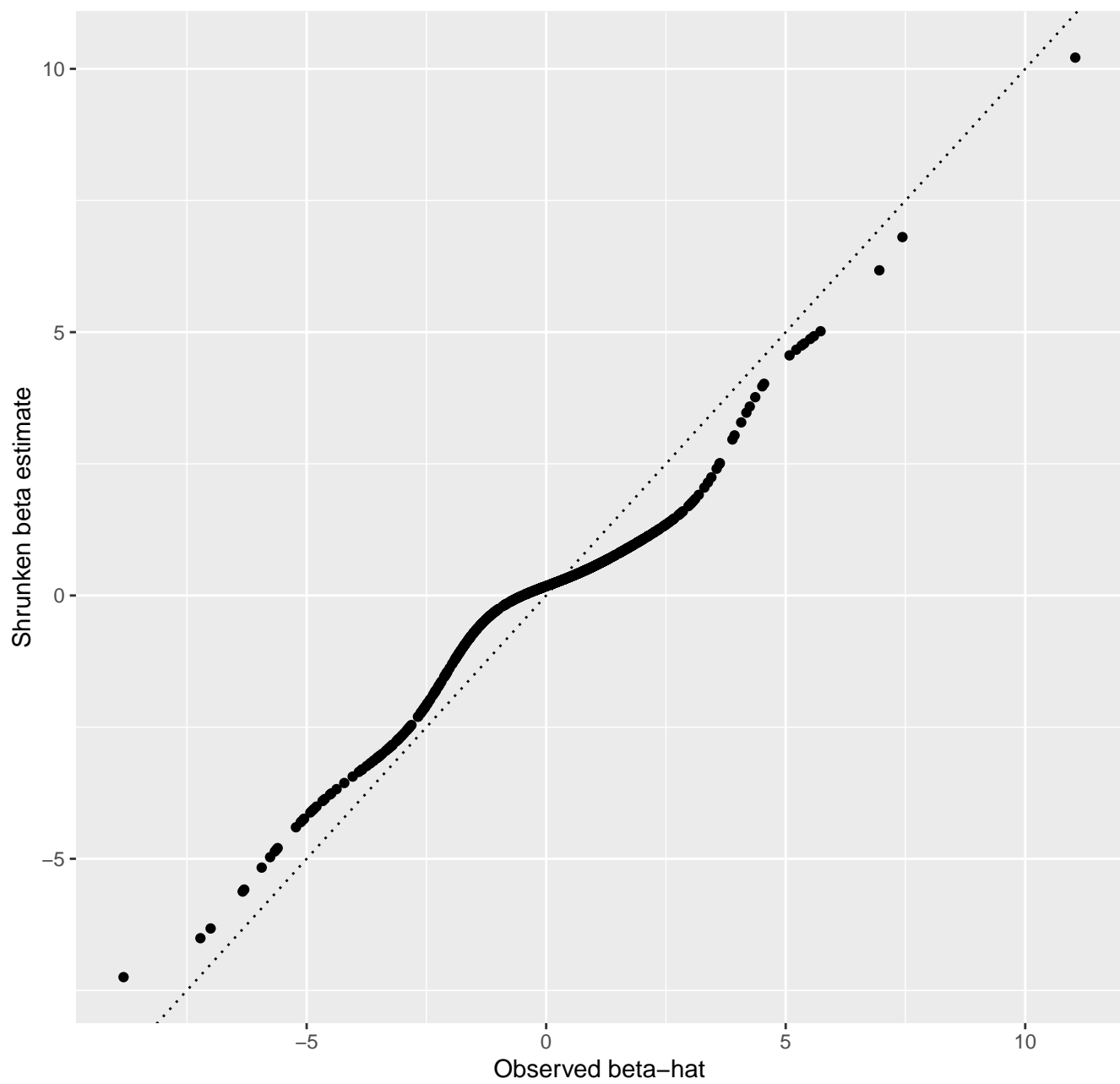
DHRS7B\_(25979) negative



DNAJC21\_(134218) negative



CTNNA1\_(1495) negative



RXRA\_(6256) negative

Shrunken beta estimate

Observed beta-hat

2.5

0.0

-2.5

-5.0

-7.5

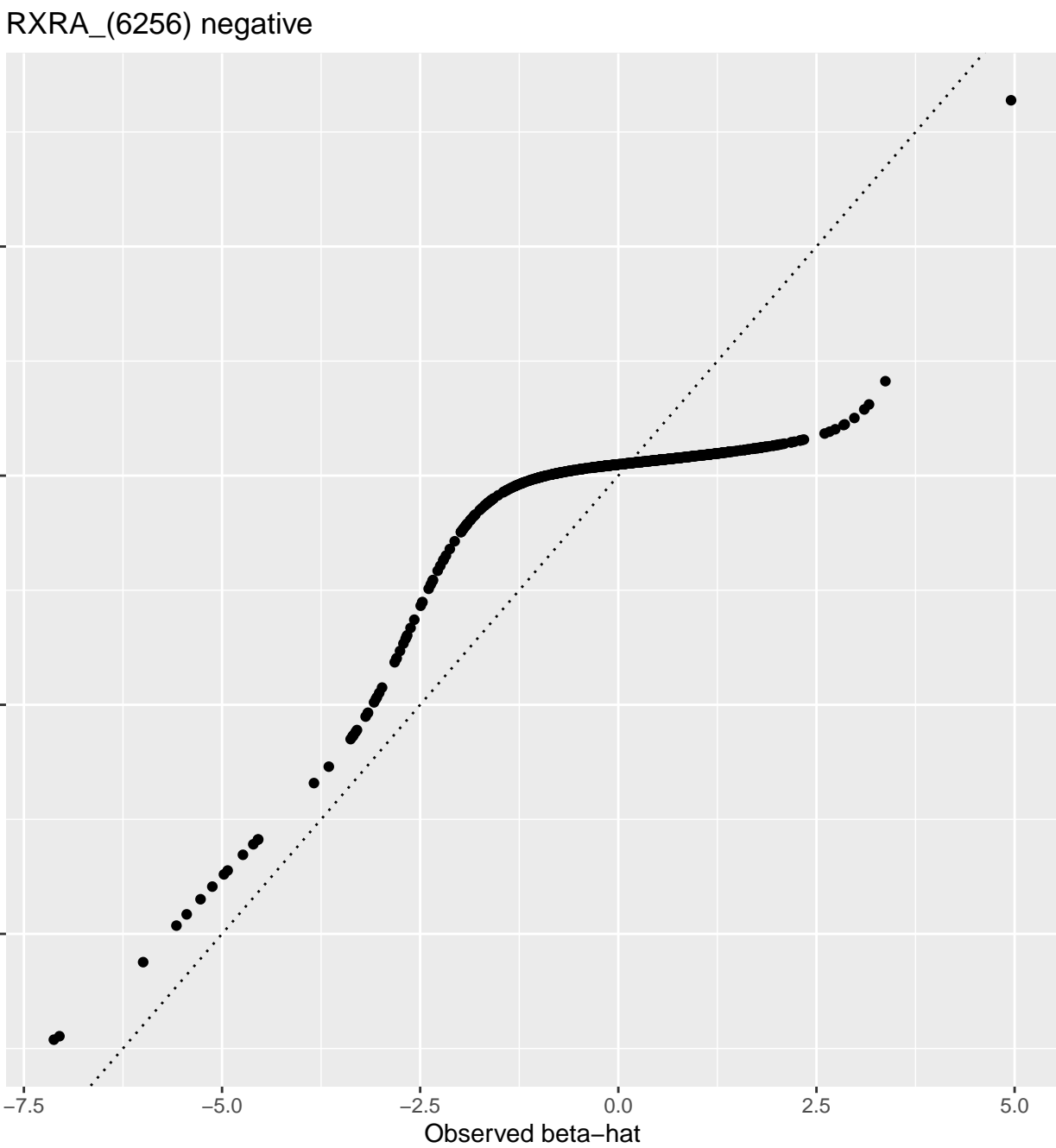
-5.0

-2.5

0.0

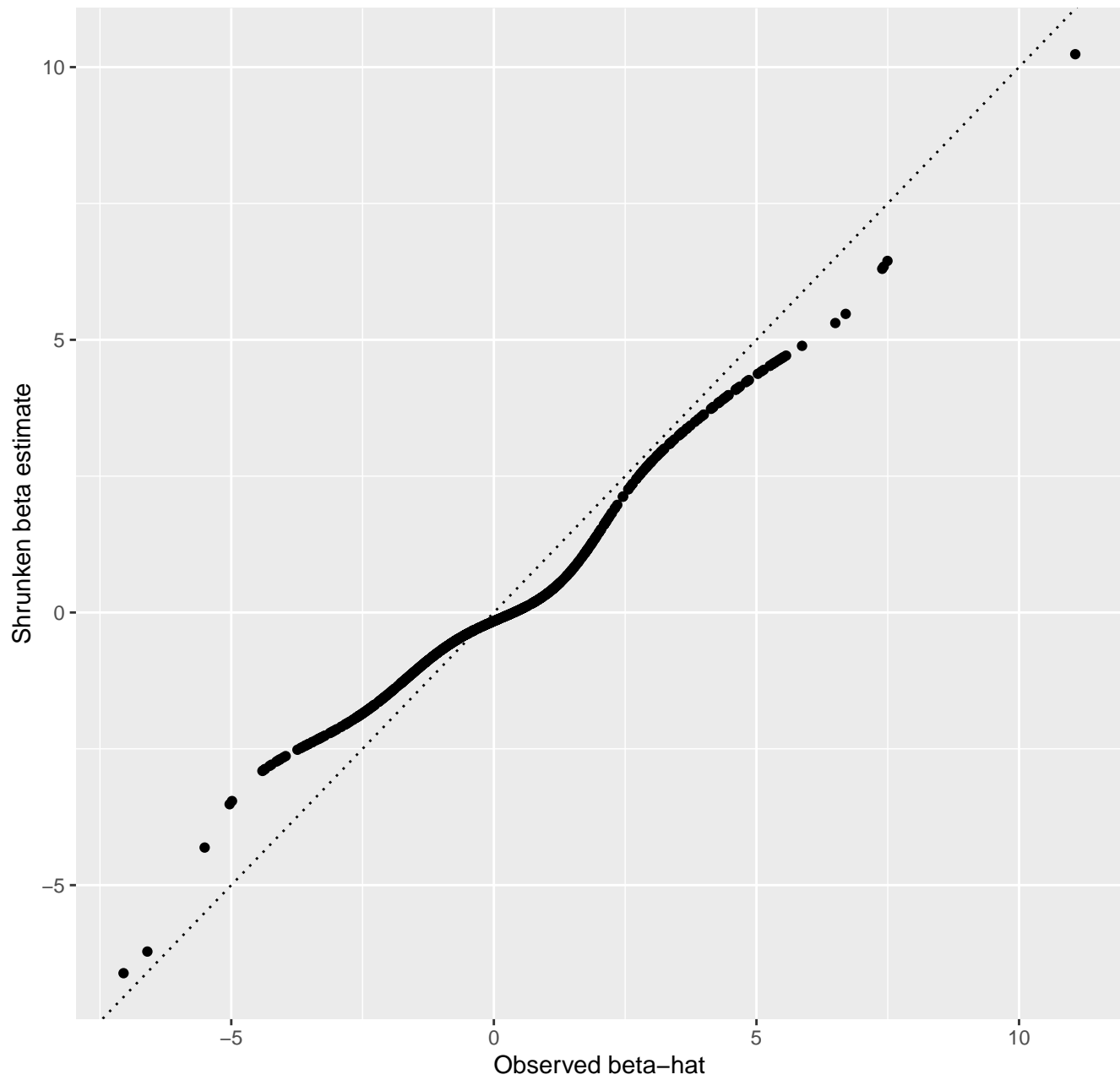
2.5

5.0

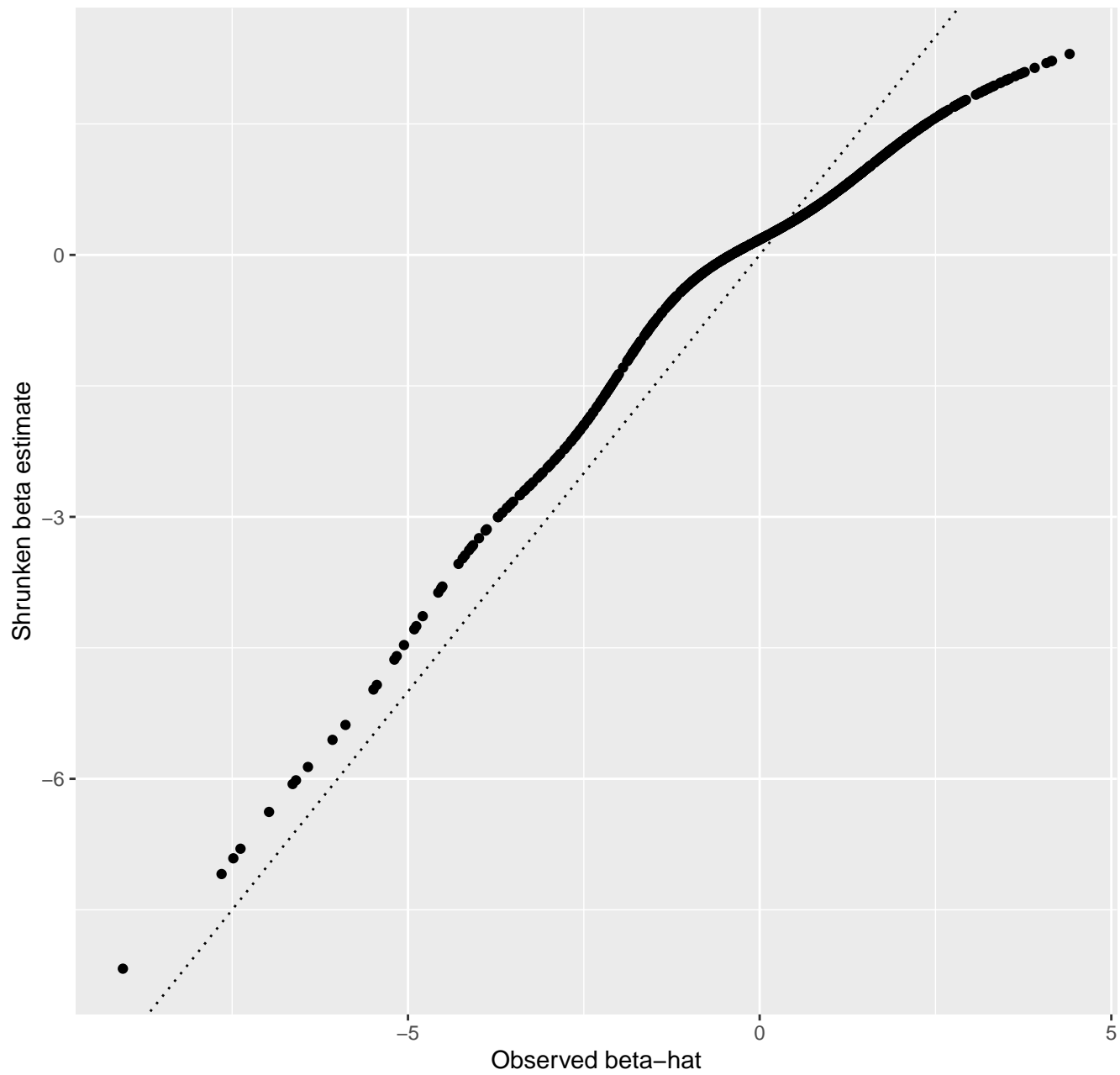




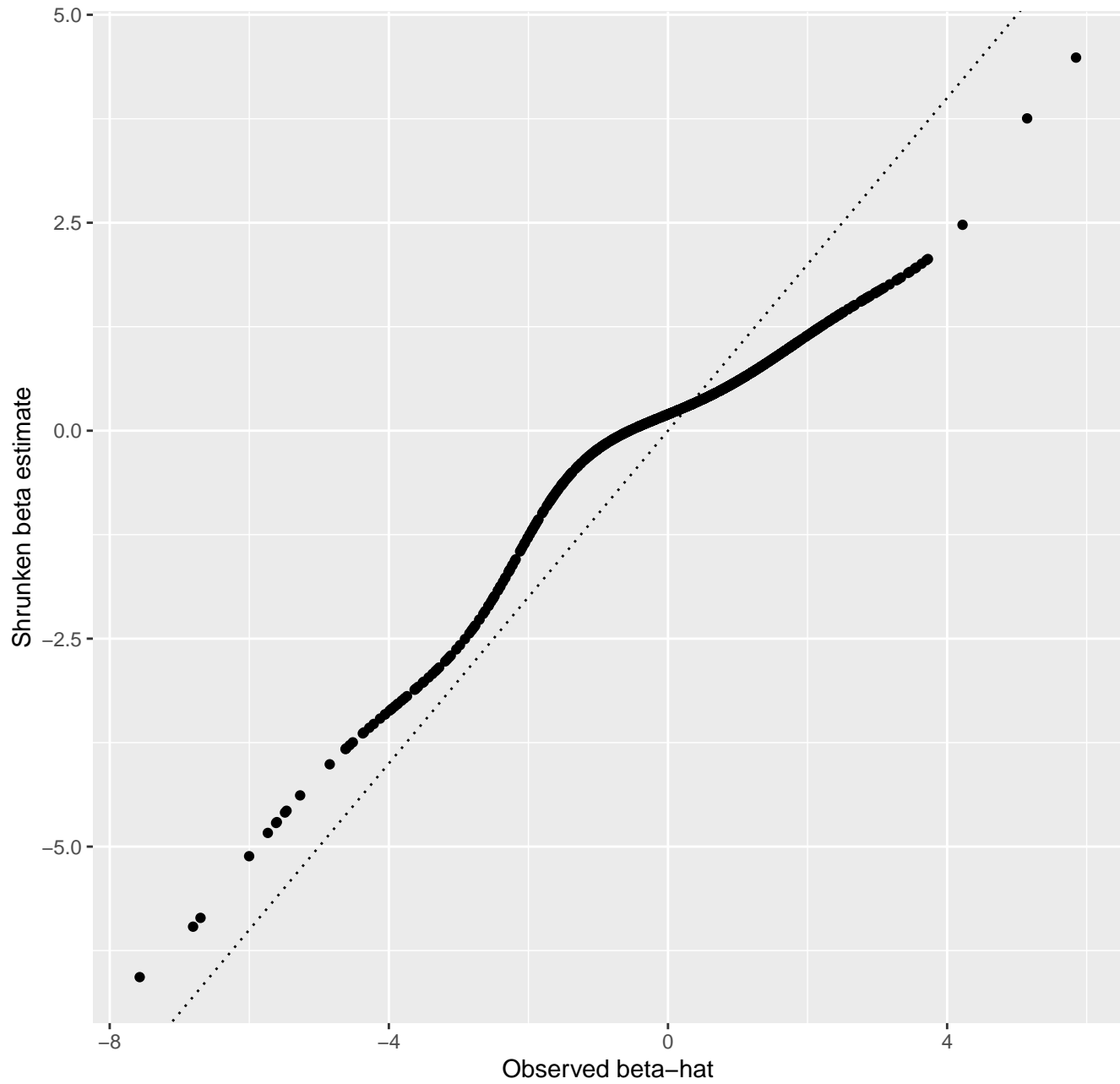
UBE2N\_(7334) positive



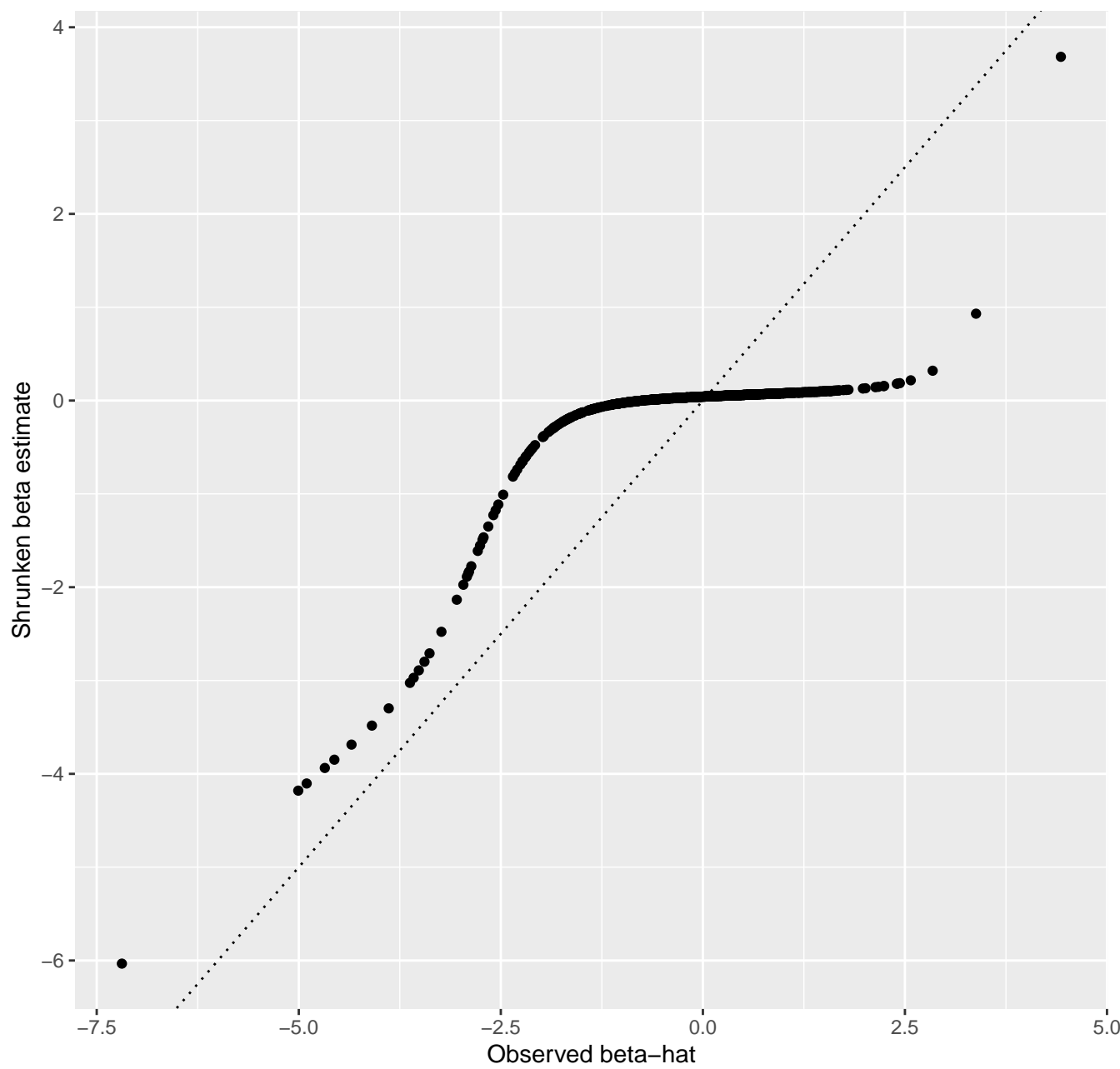
ARF1\_(375) negative



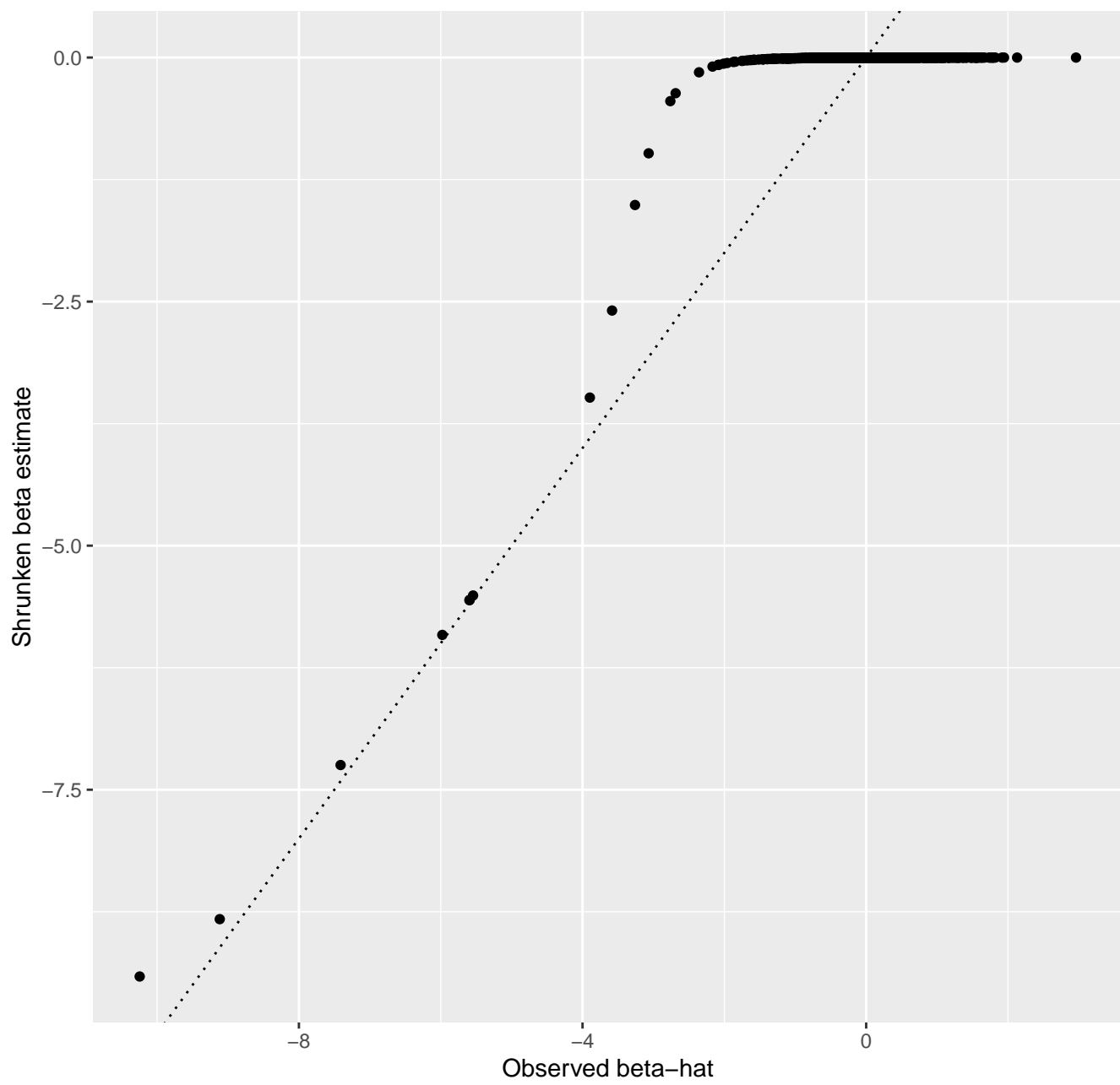
UBE2G2\_(7327) negative



SLC10A7\_(84068) negative



NEUROD1\_(4760) negative



ASPM\_(259266) negative

Shrunken beta estimate

0.0

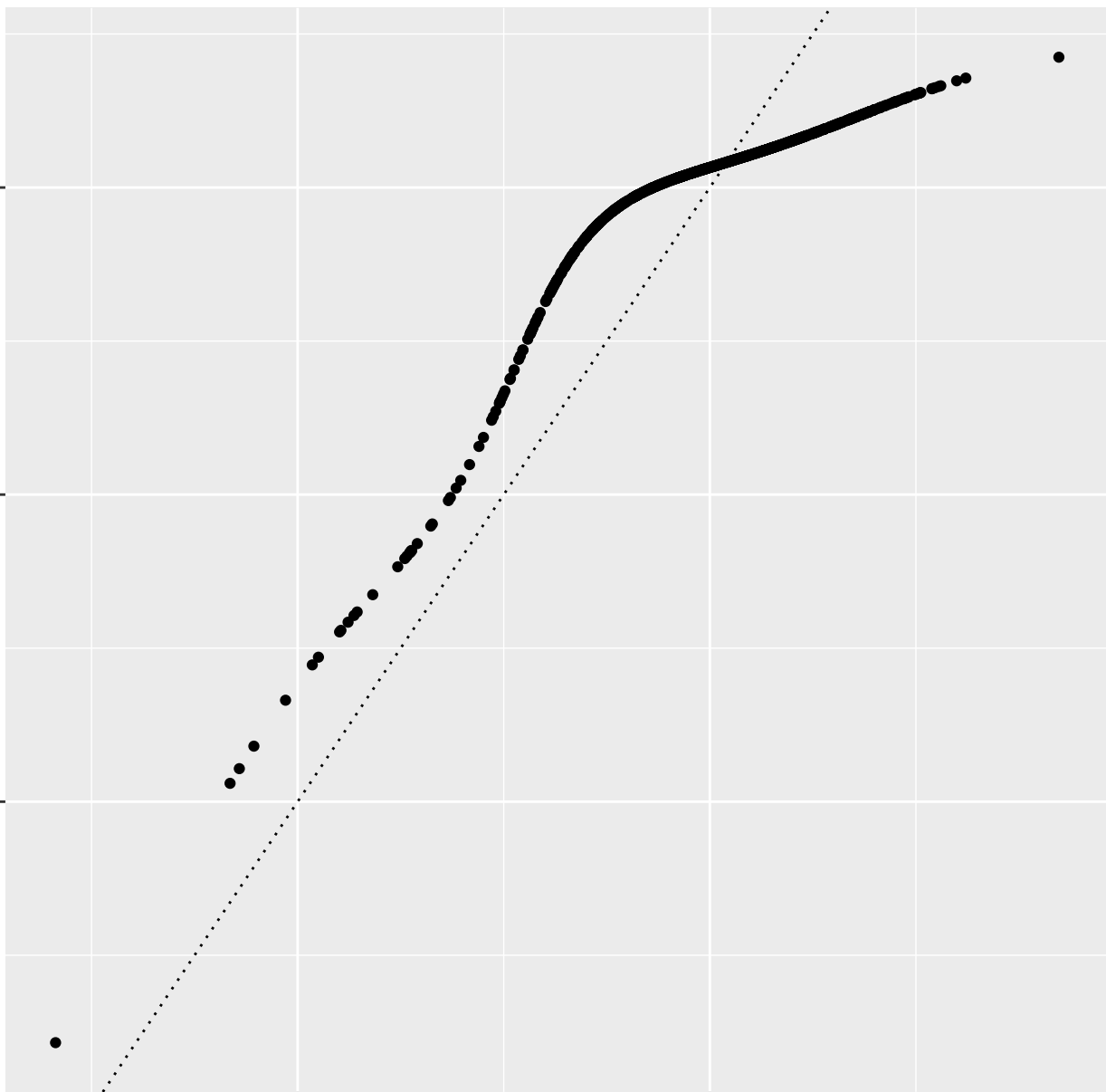
-2.5

-5.0

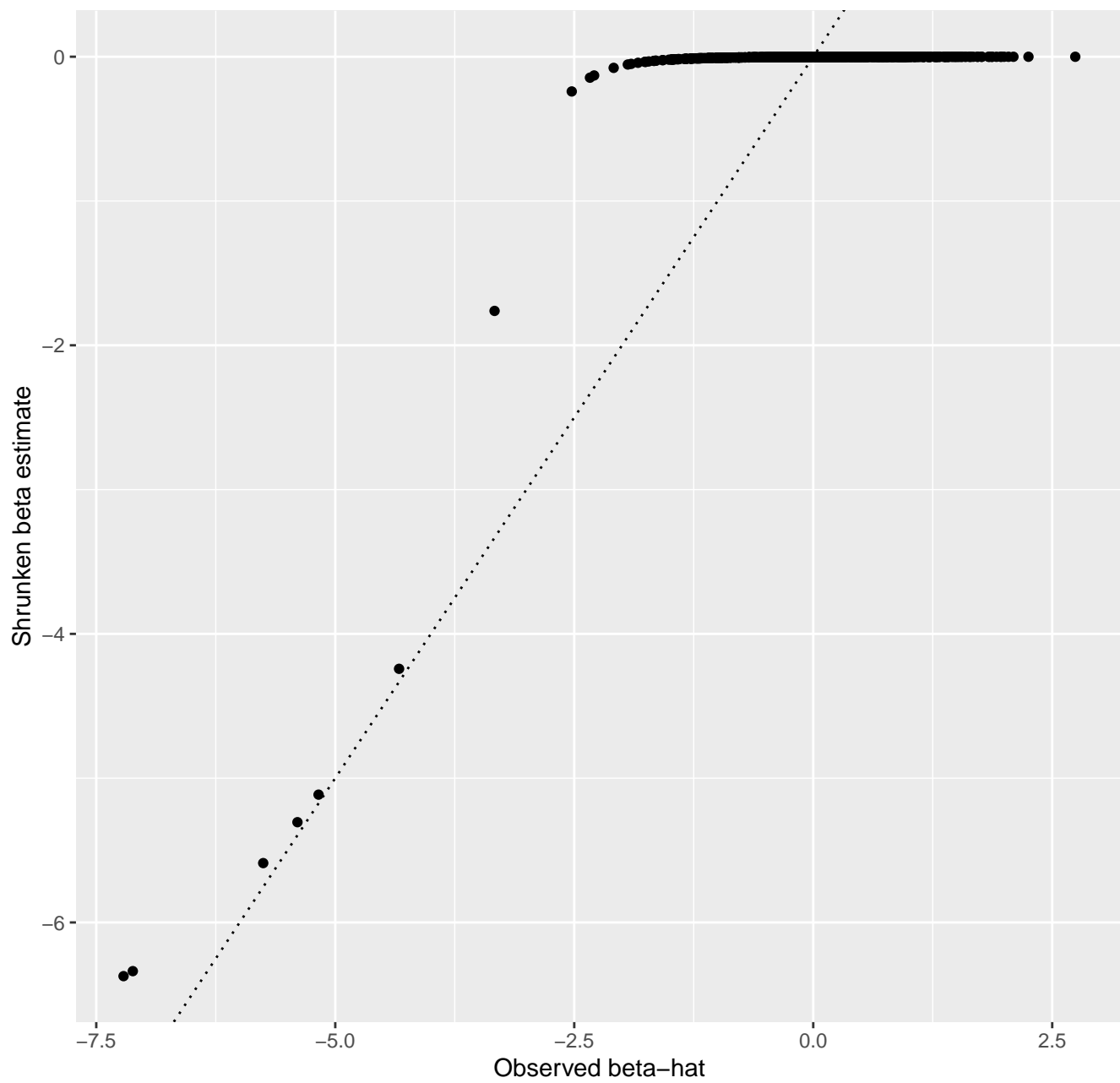
0

-5

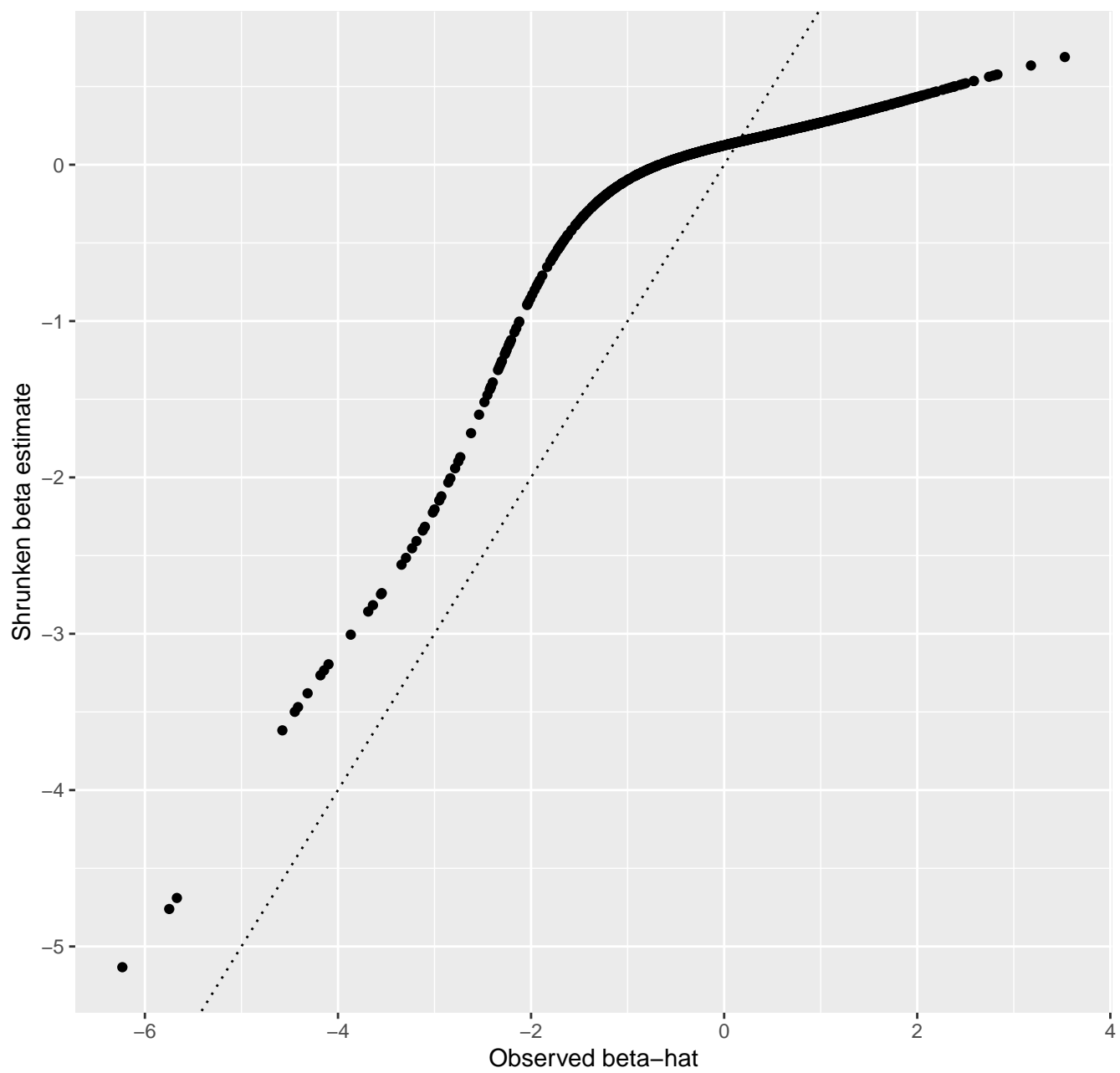
Observed beta-hat



GATA1\_(2623) negative

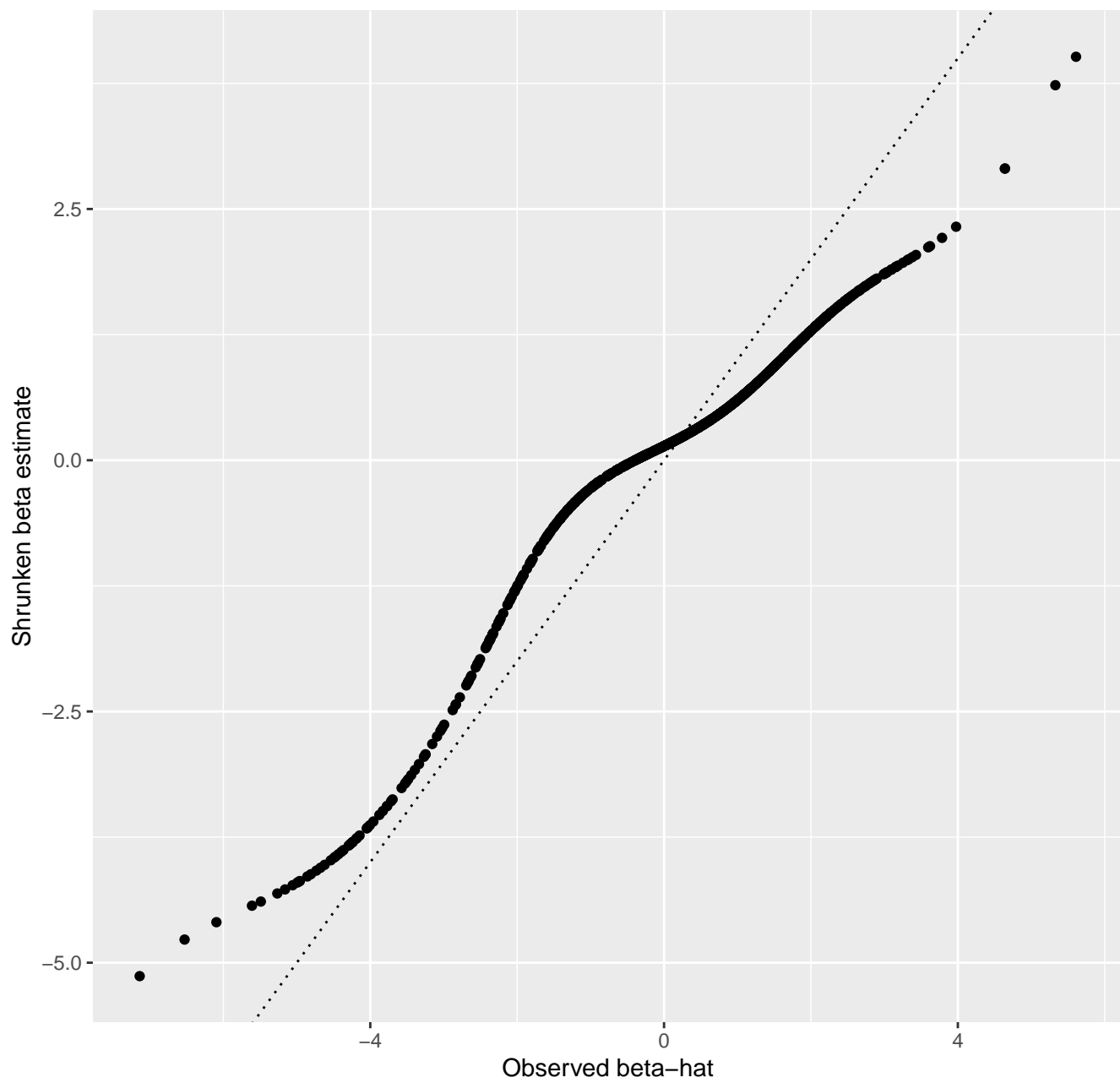


COG6\_(57511) negative

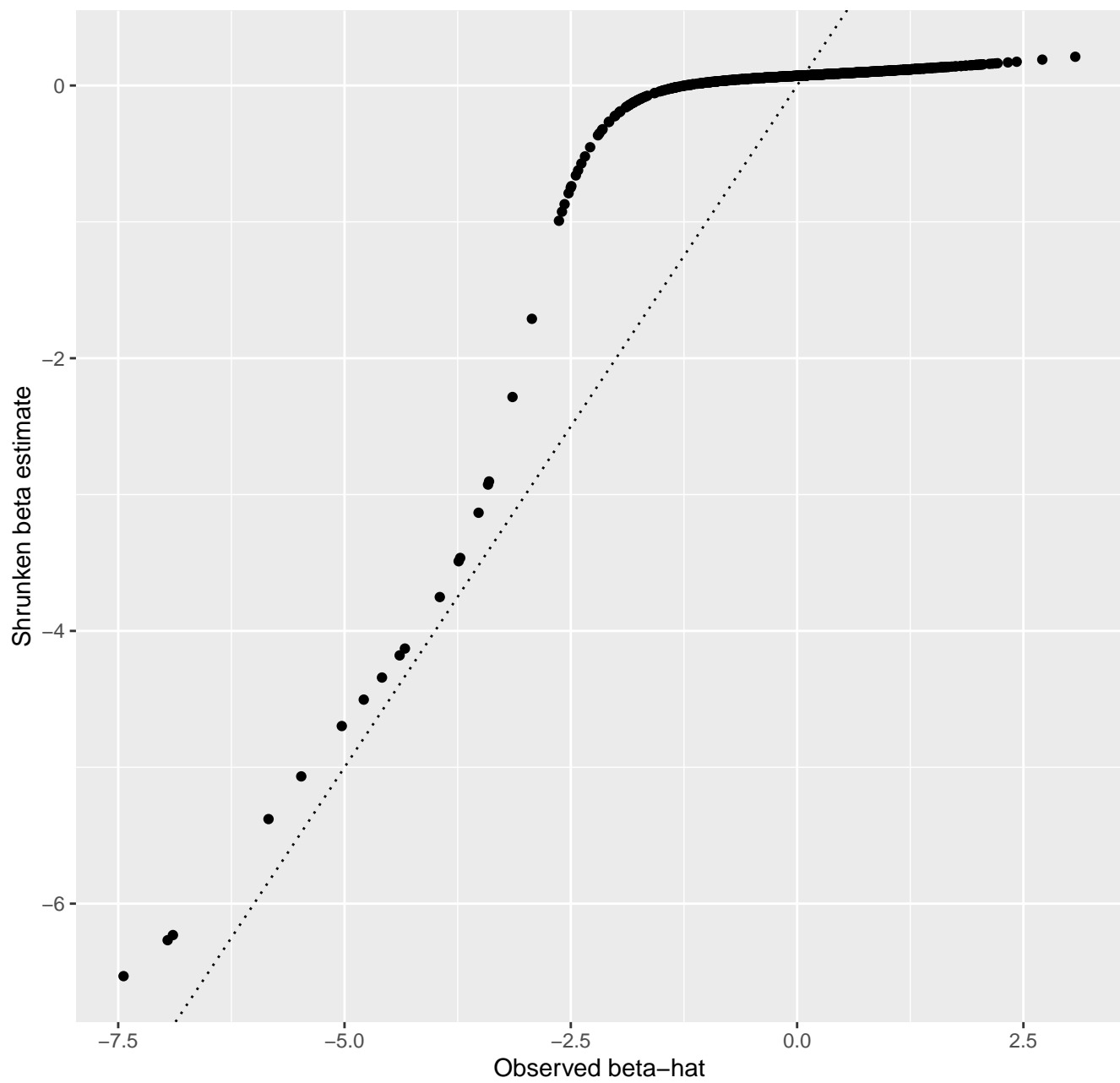




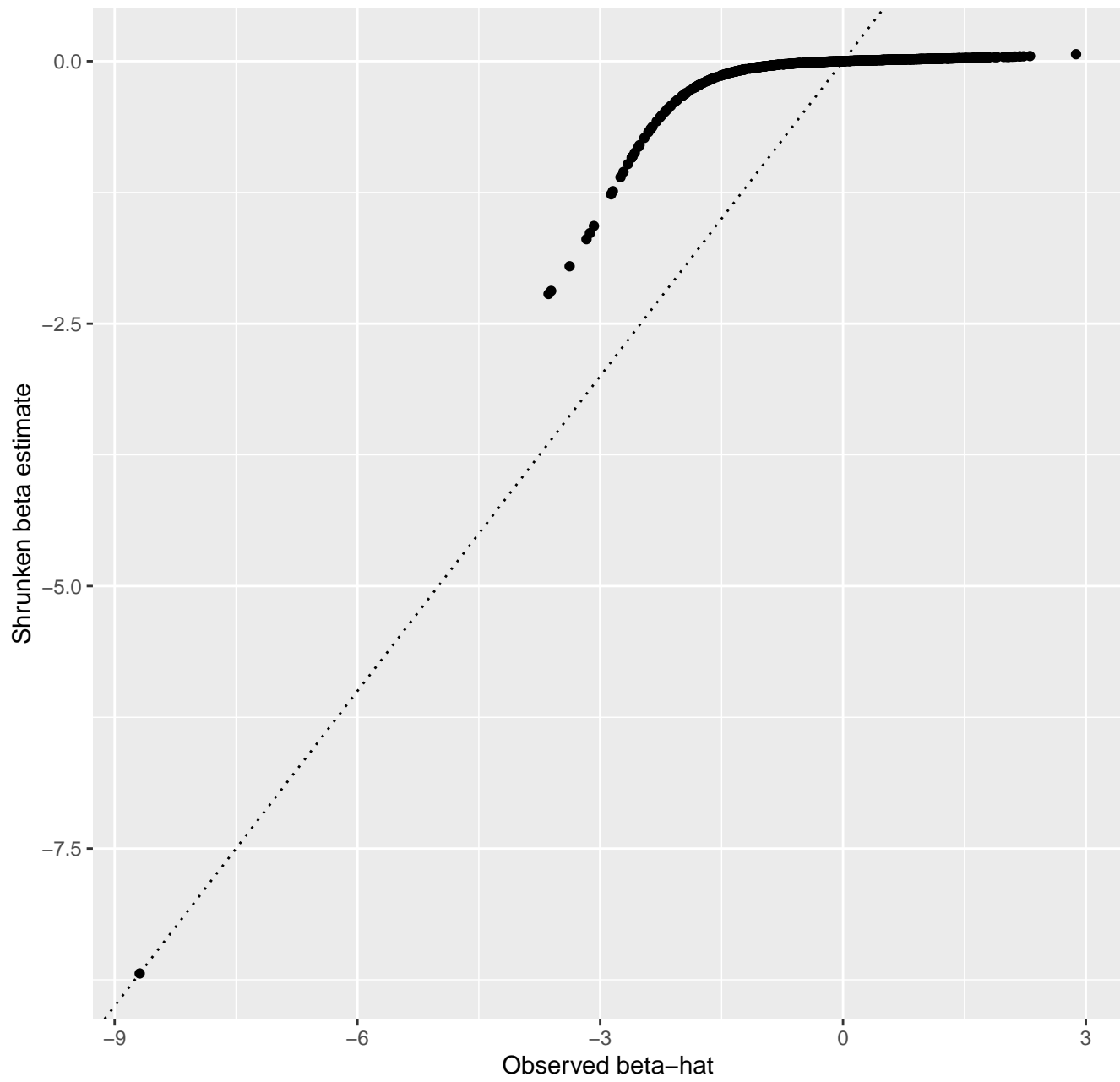
RNF168\_(165918) negative



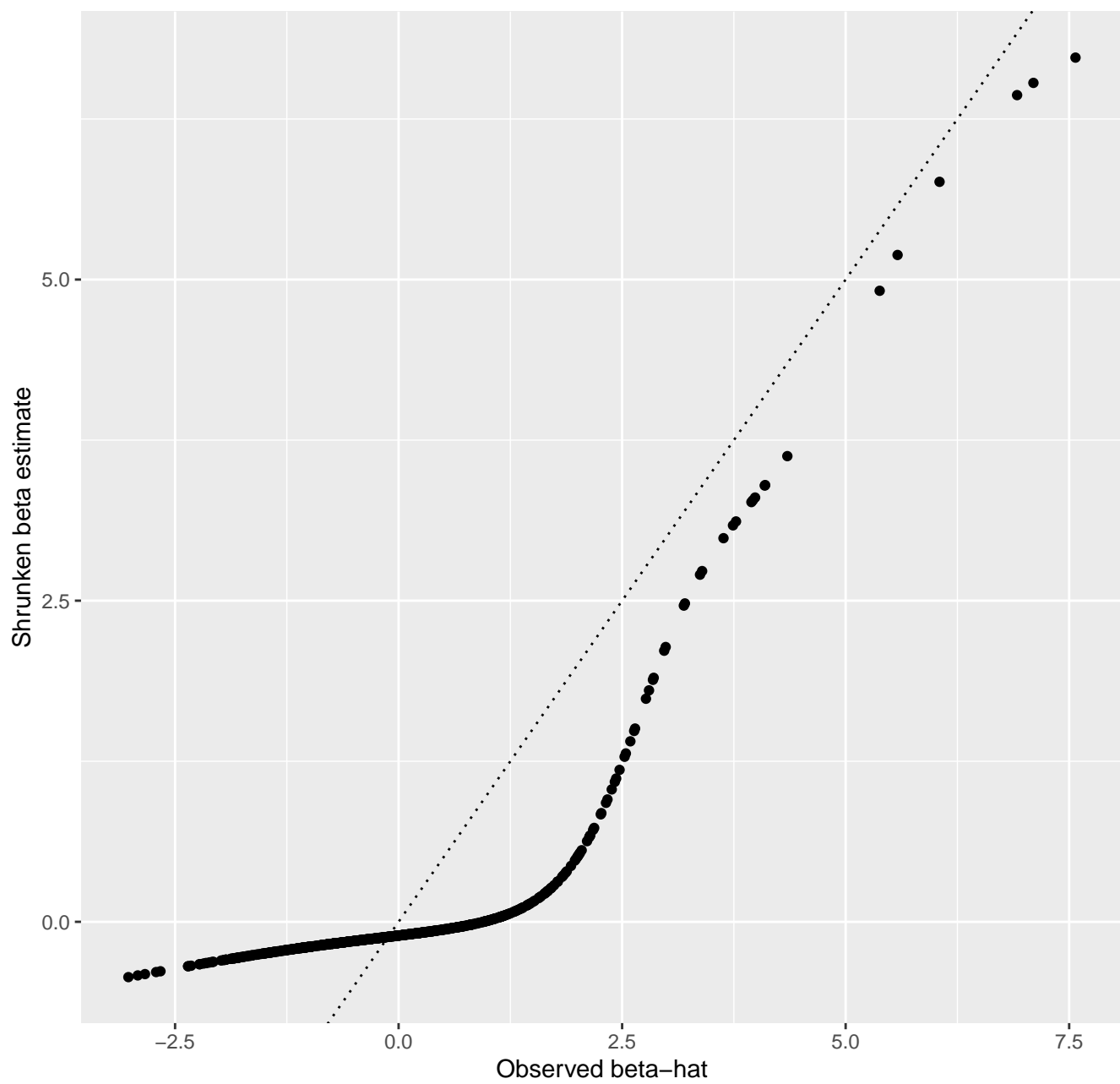
RELB\_(5971) negative



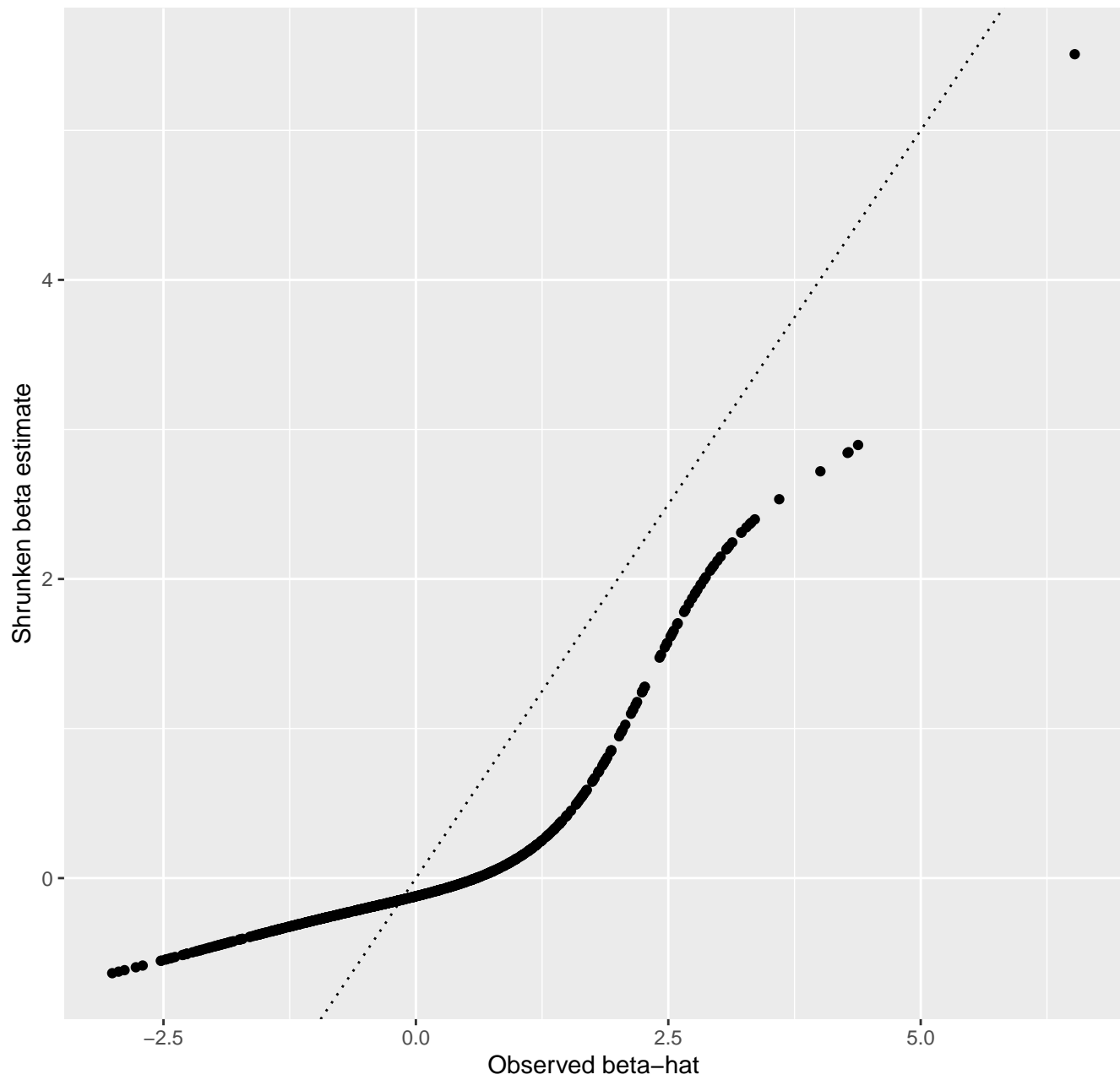
IGHMBP2\_(3508) negative



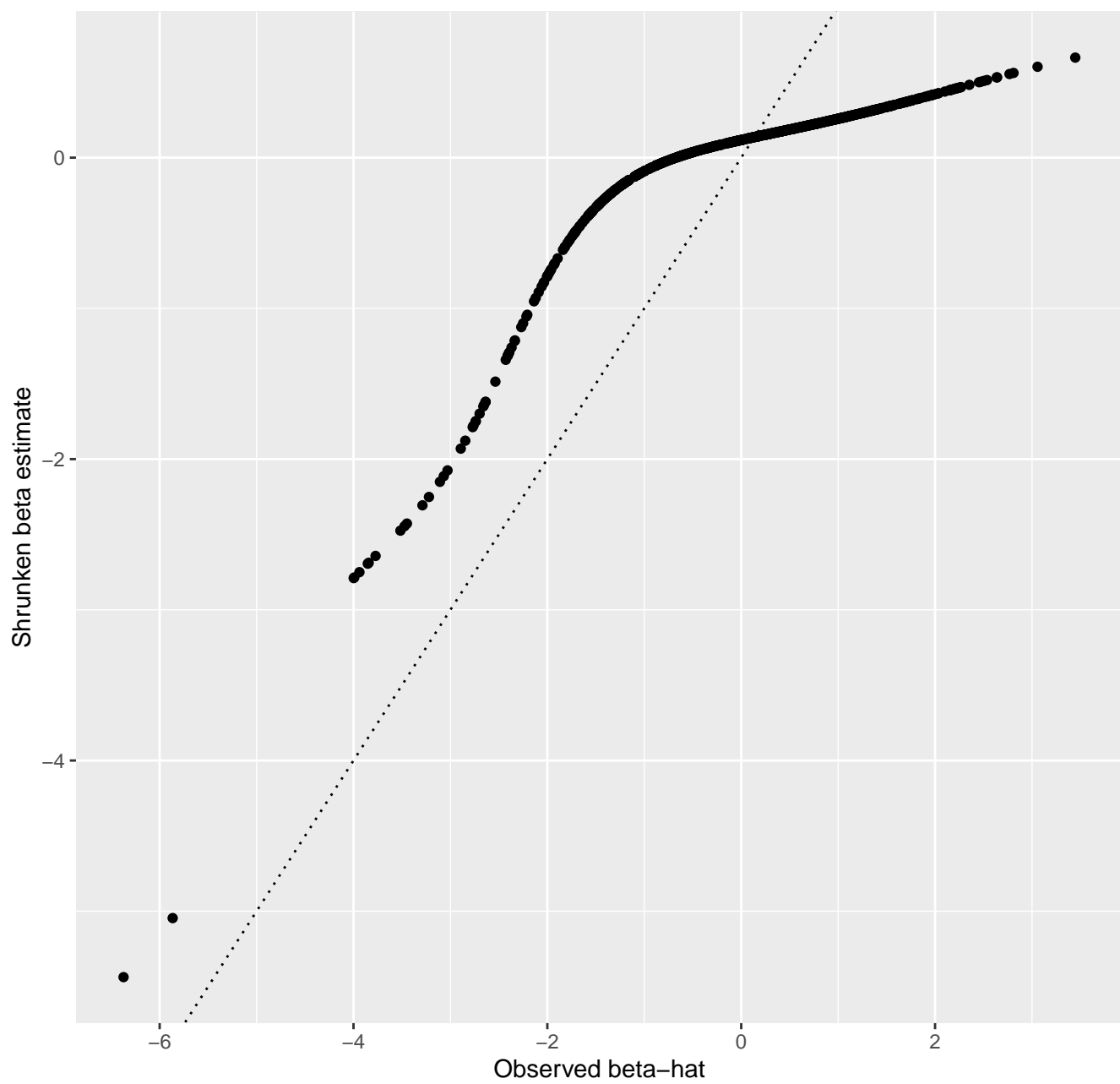
CHEK2\_(11200) positive



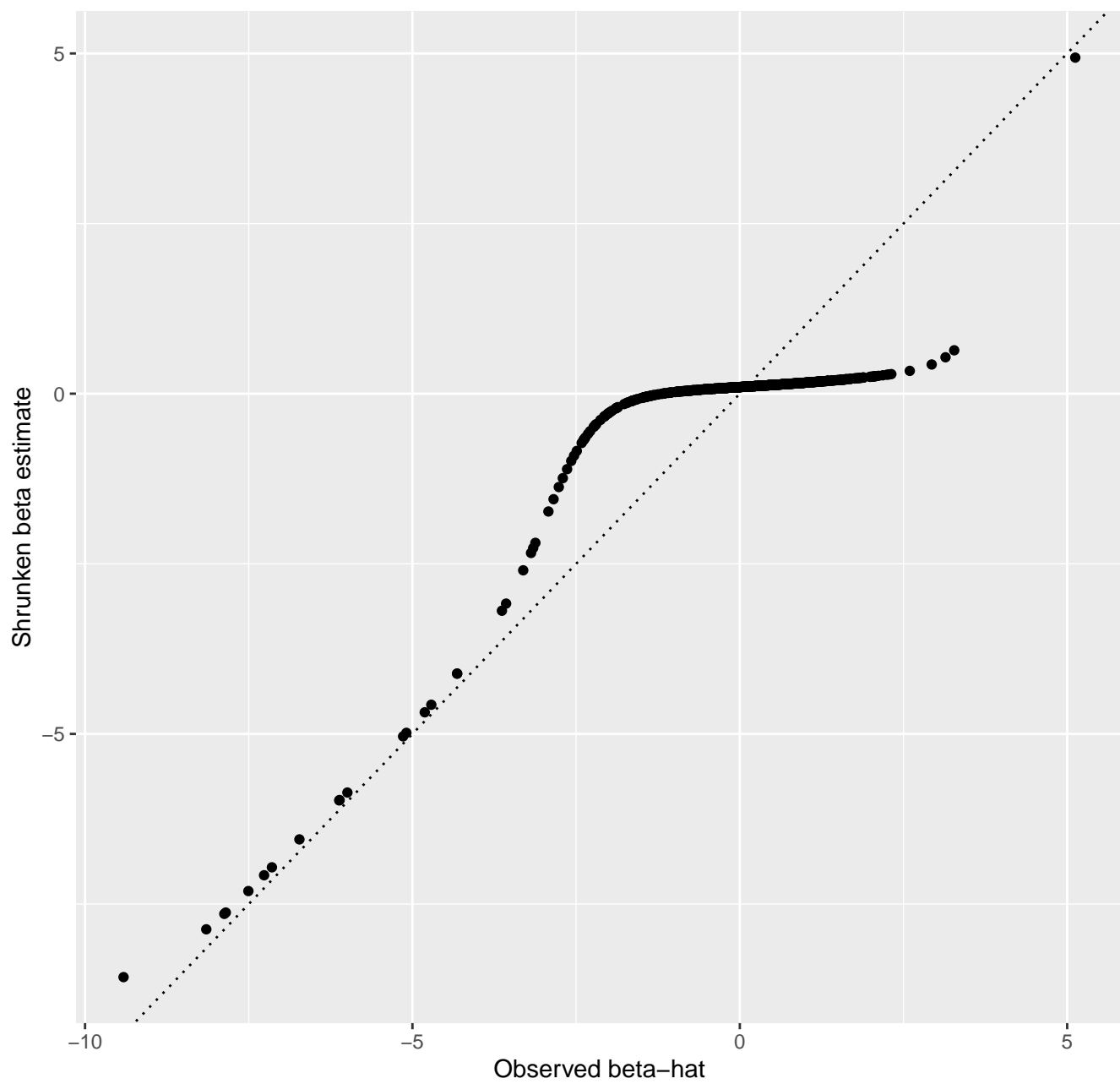
PAWR\_(5074) positive



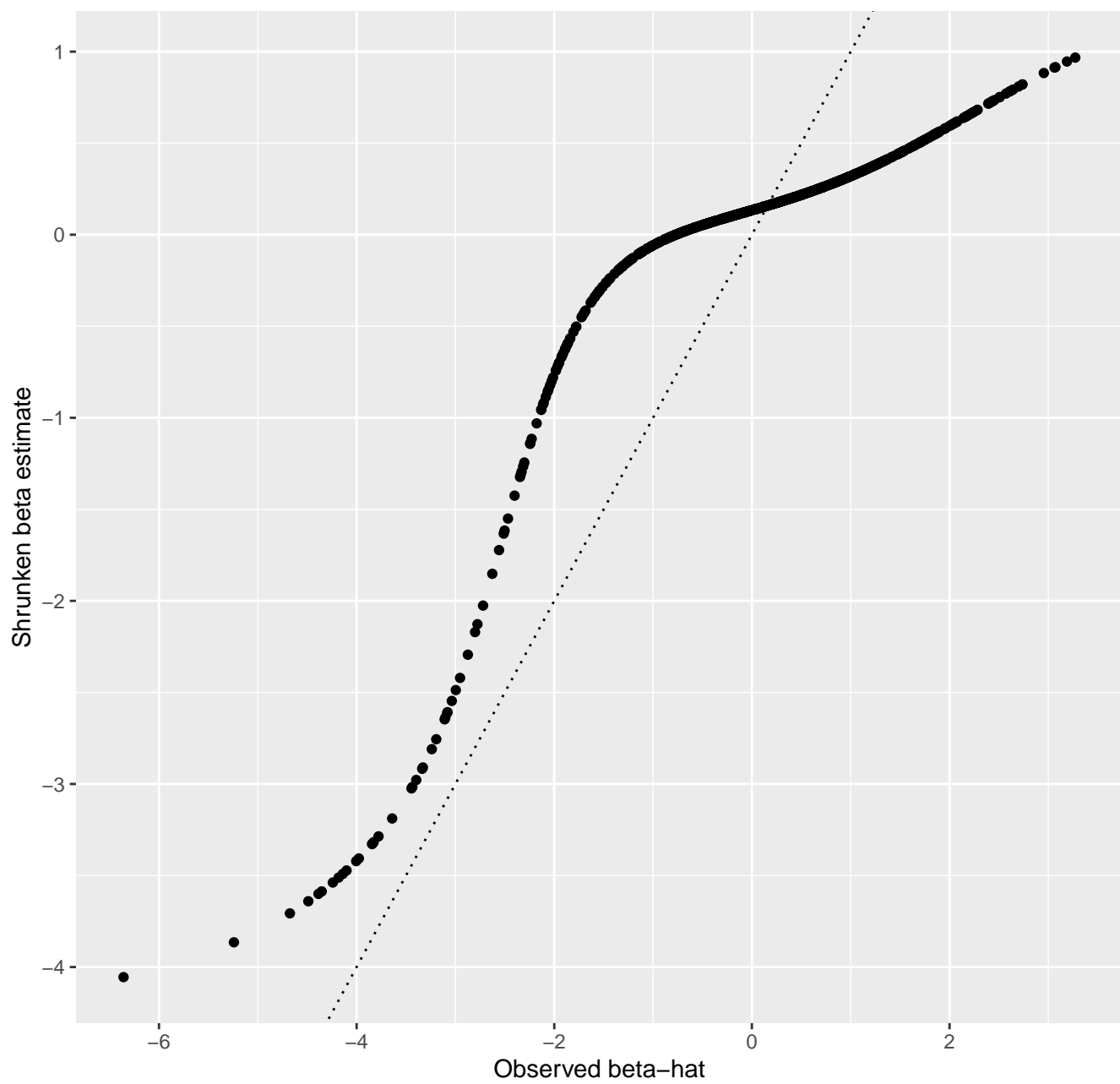
B3GALT6\_(126792) negative



MECOM\_(2122) negative

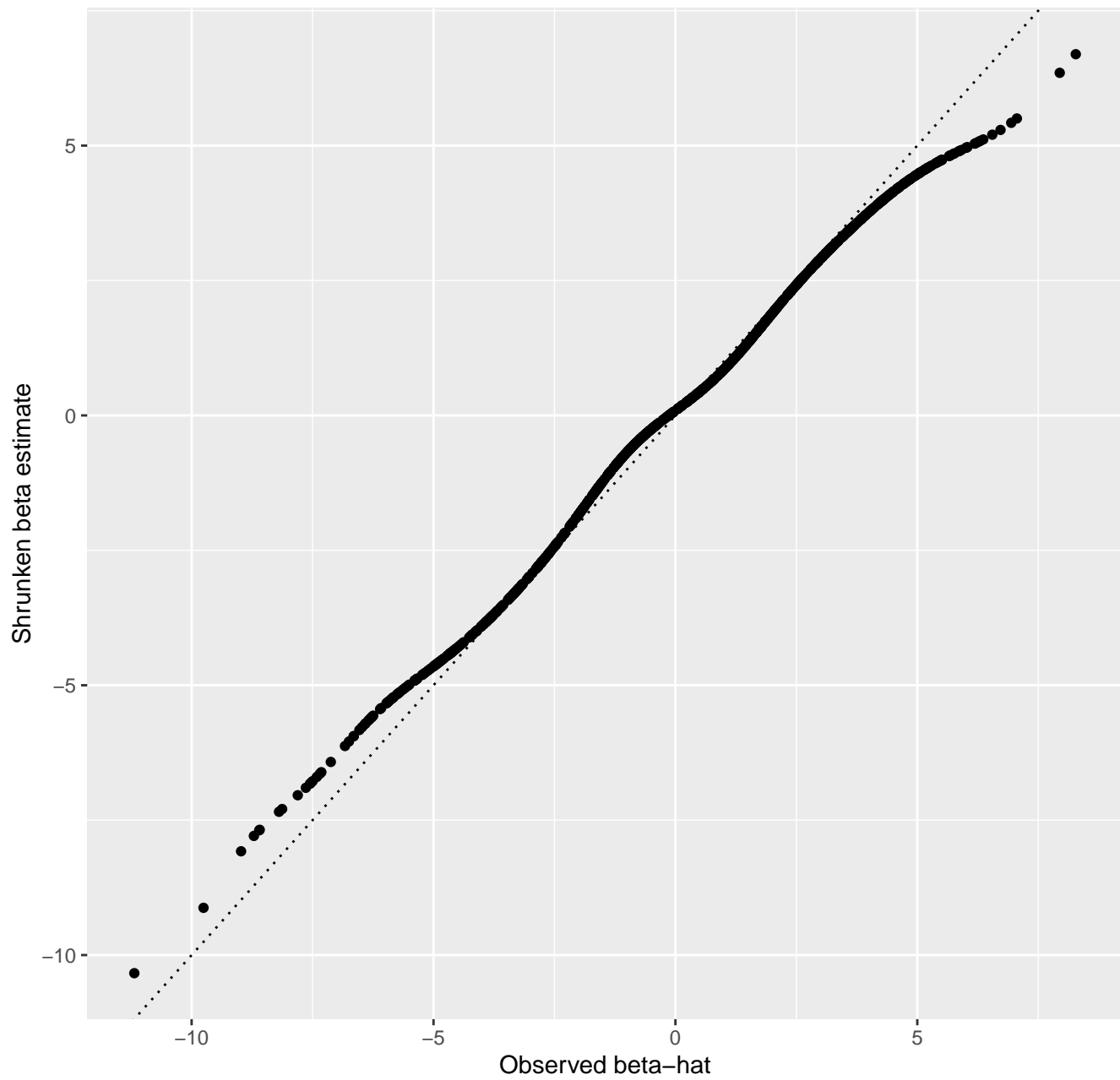


GNPNAT1\_(64841) negative

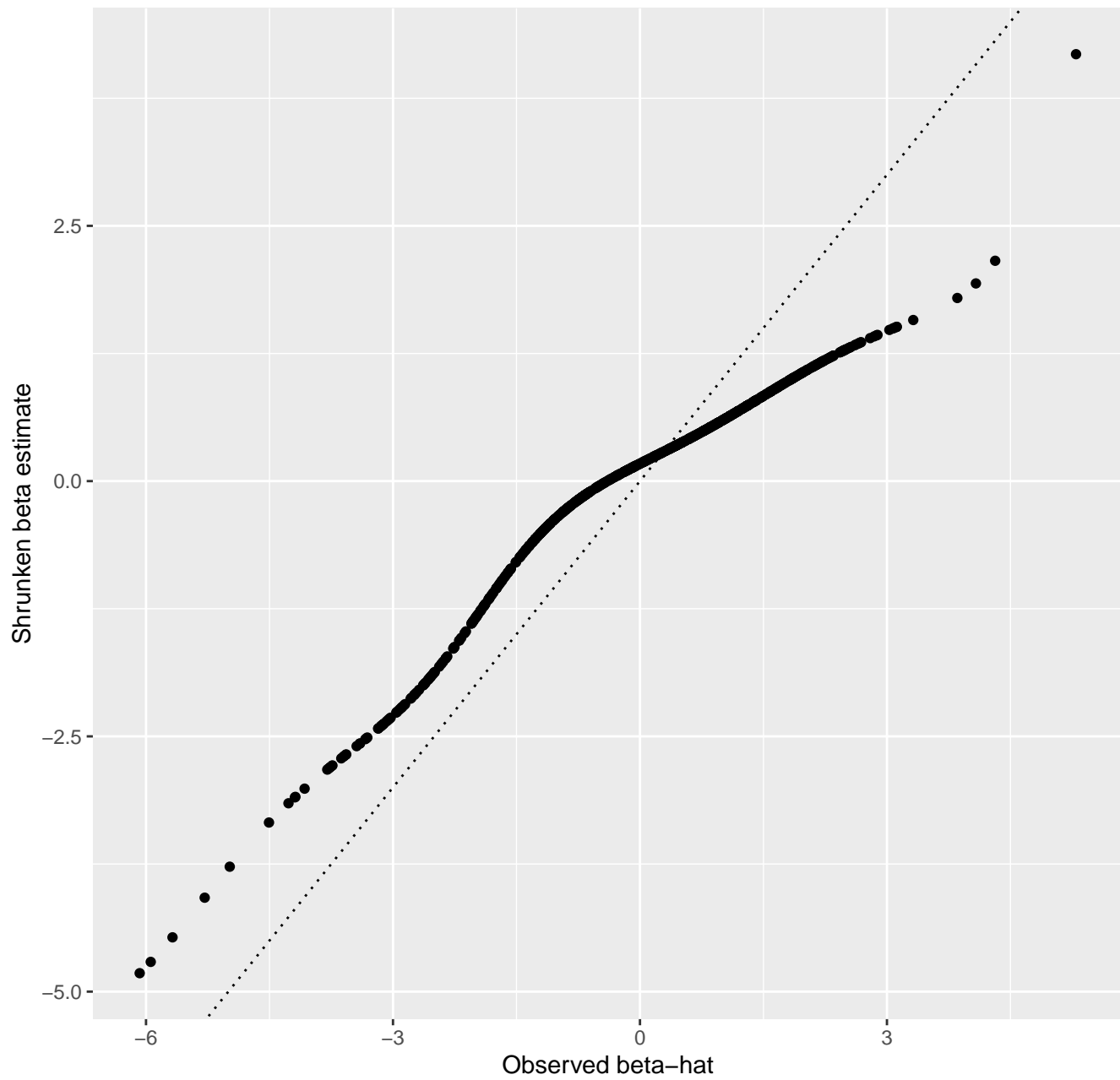




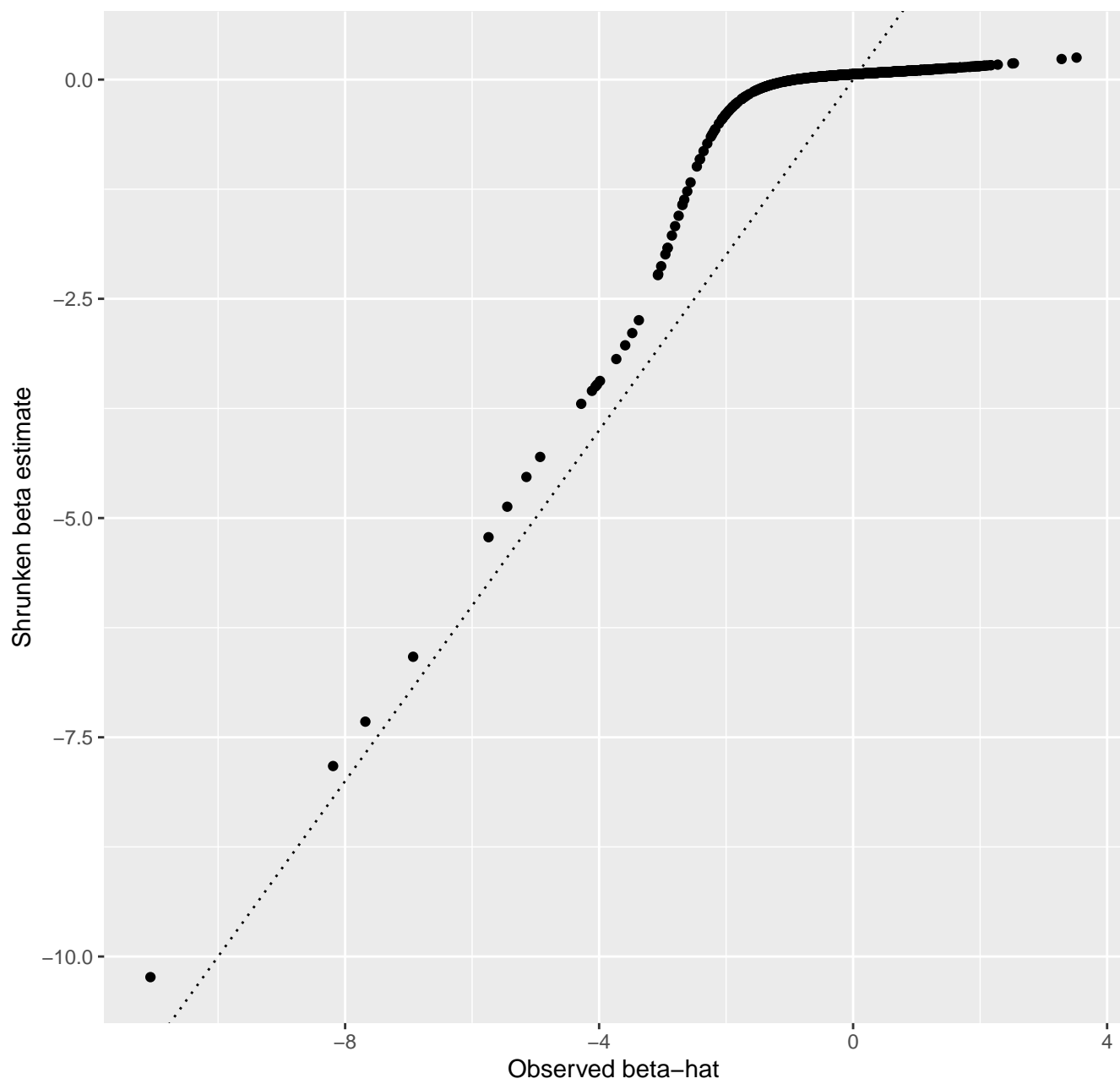
ITGAV\_(3685) positive



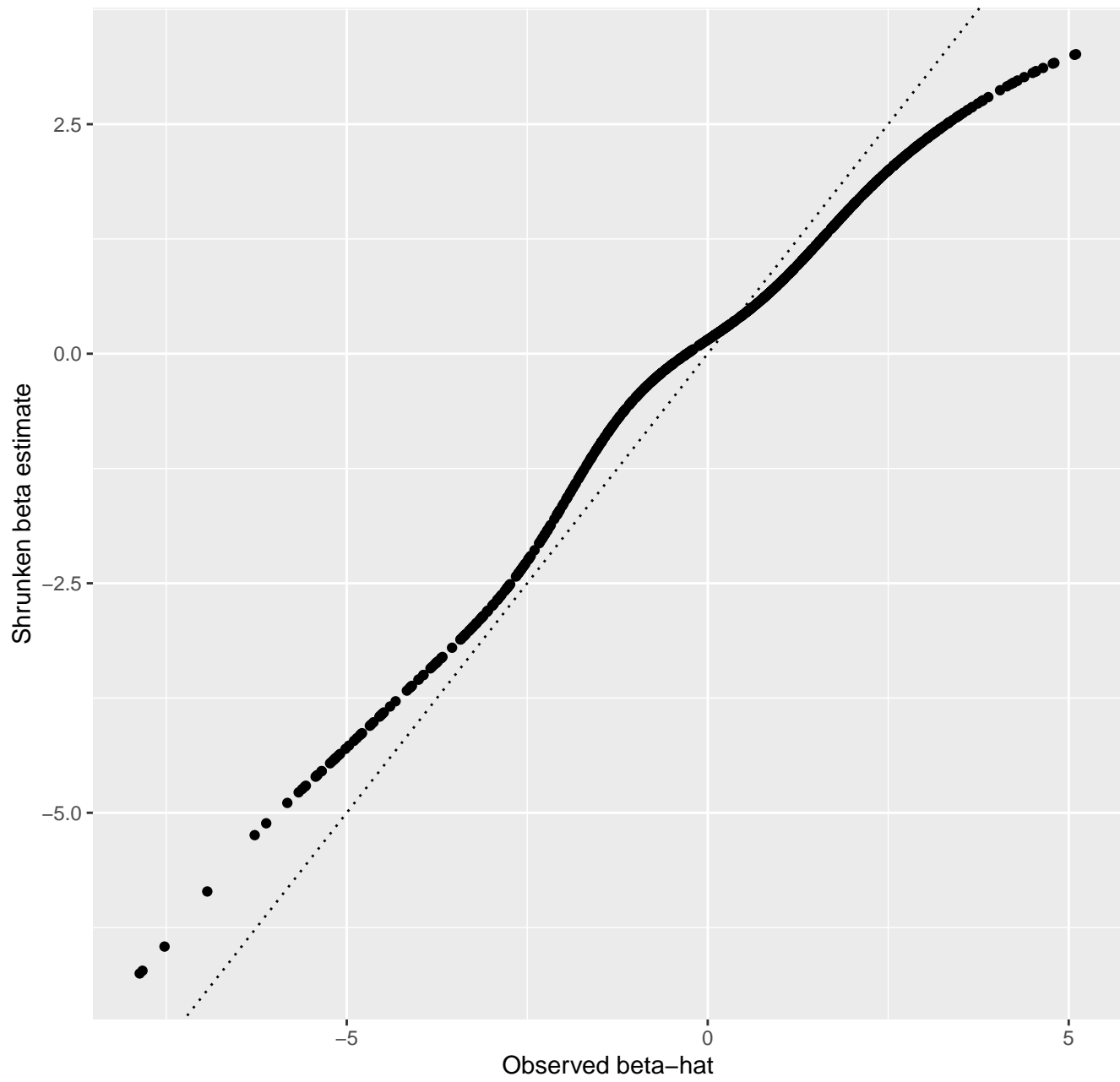
KIF2C\_(11004) negative



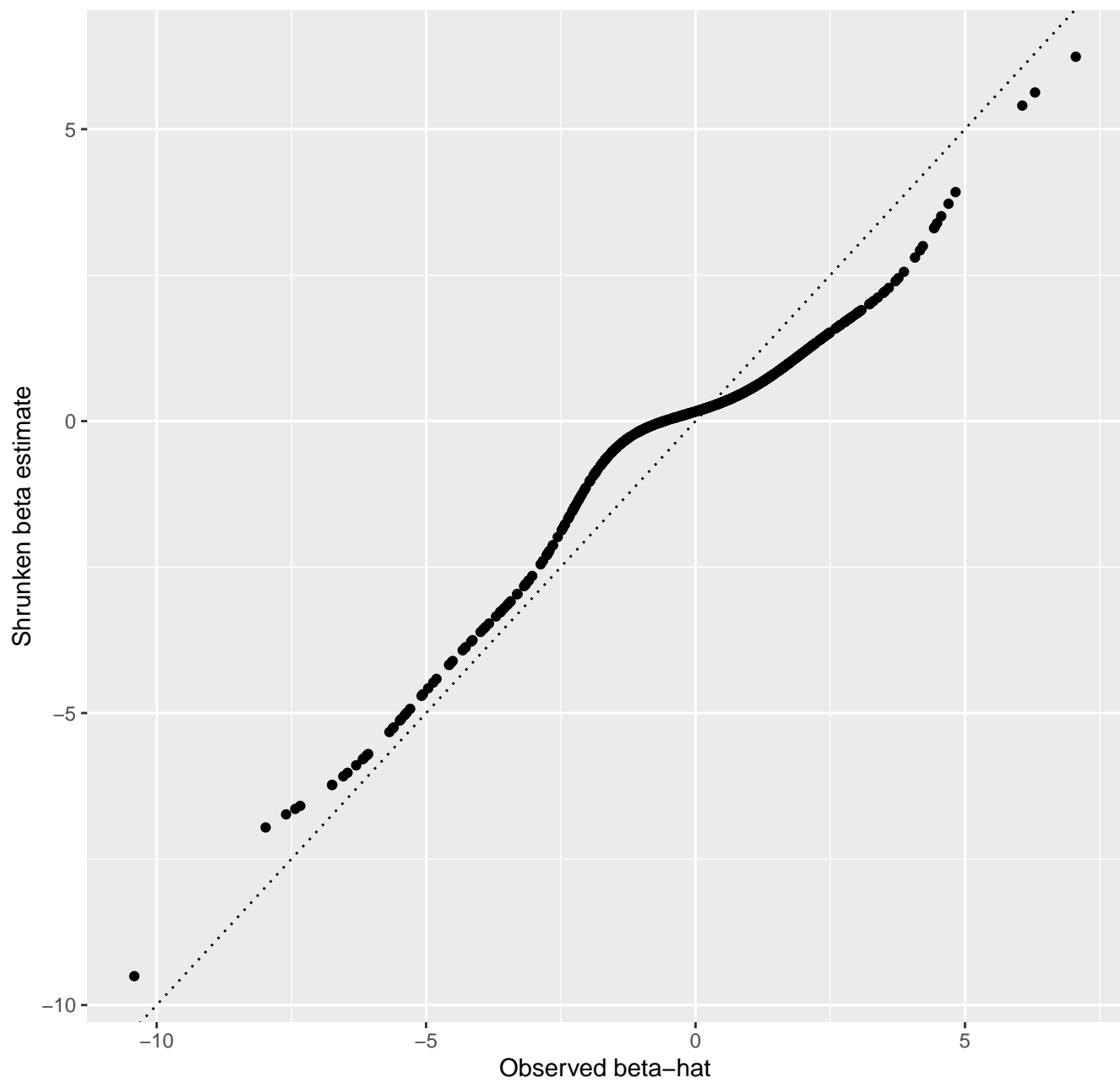
THAP7\_(80764) negative



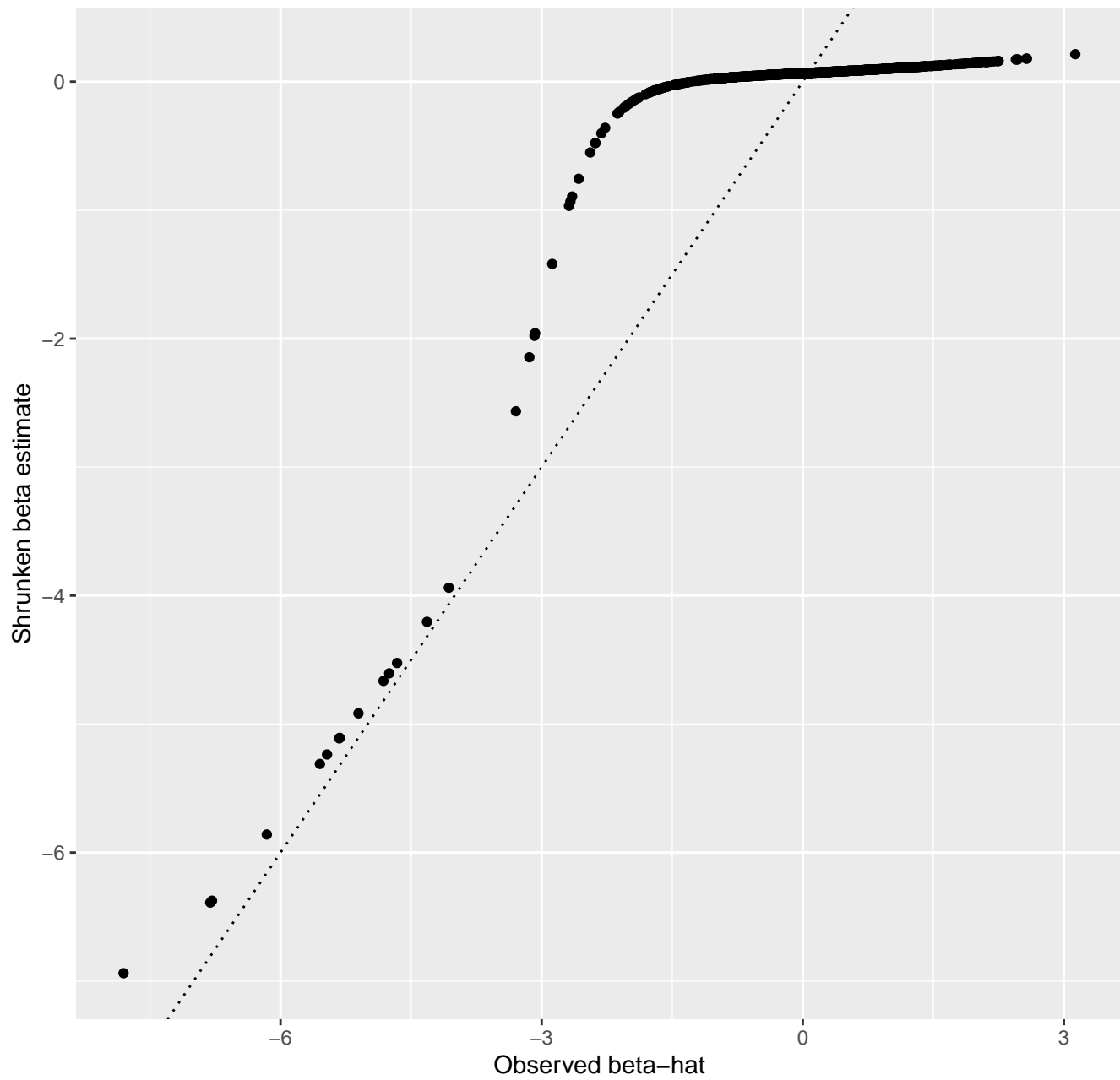
ICE2\_(79664) negative



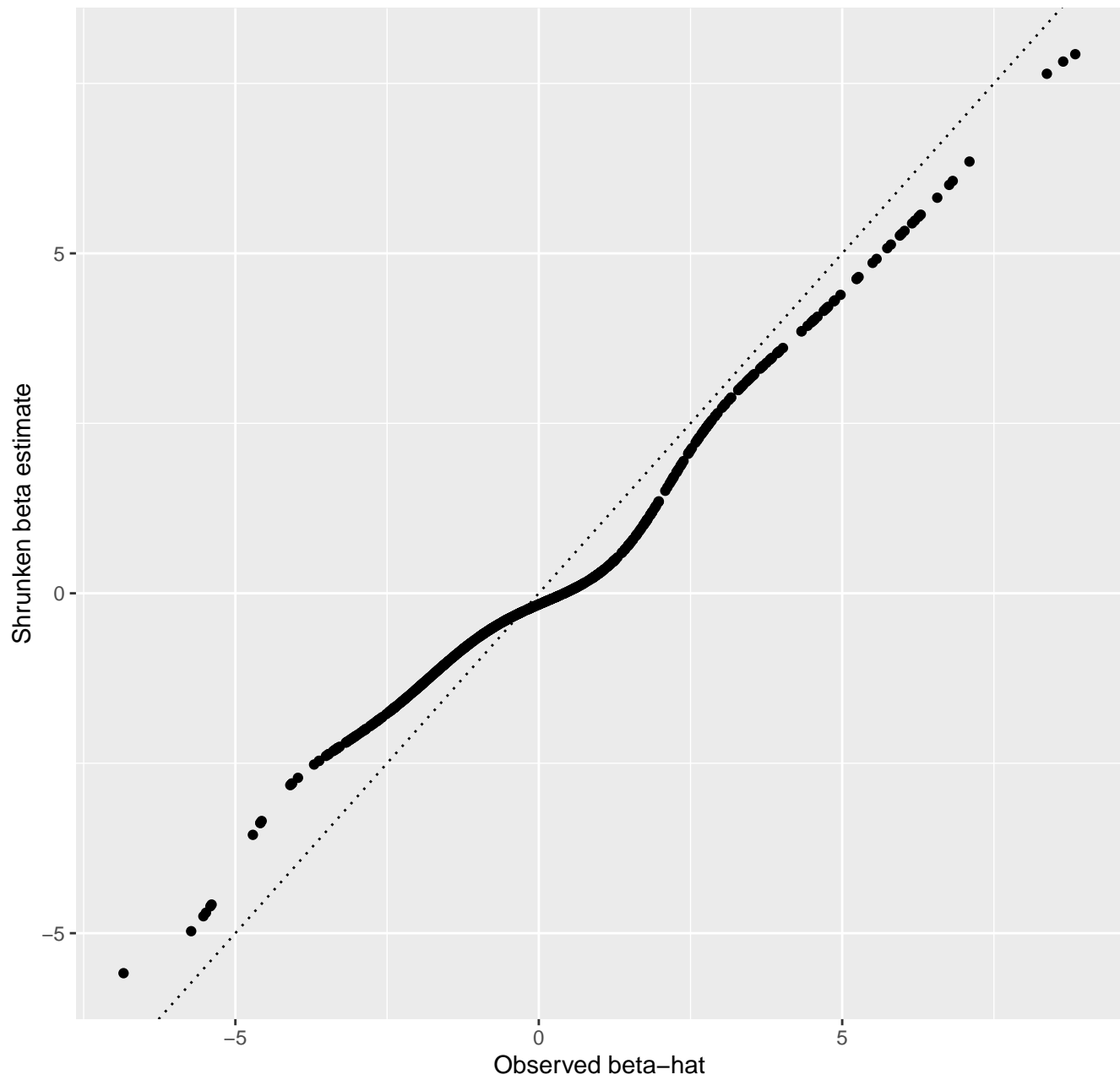
RAB35\_(11021) negative



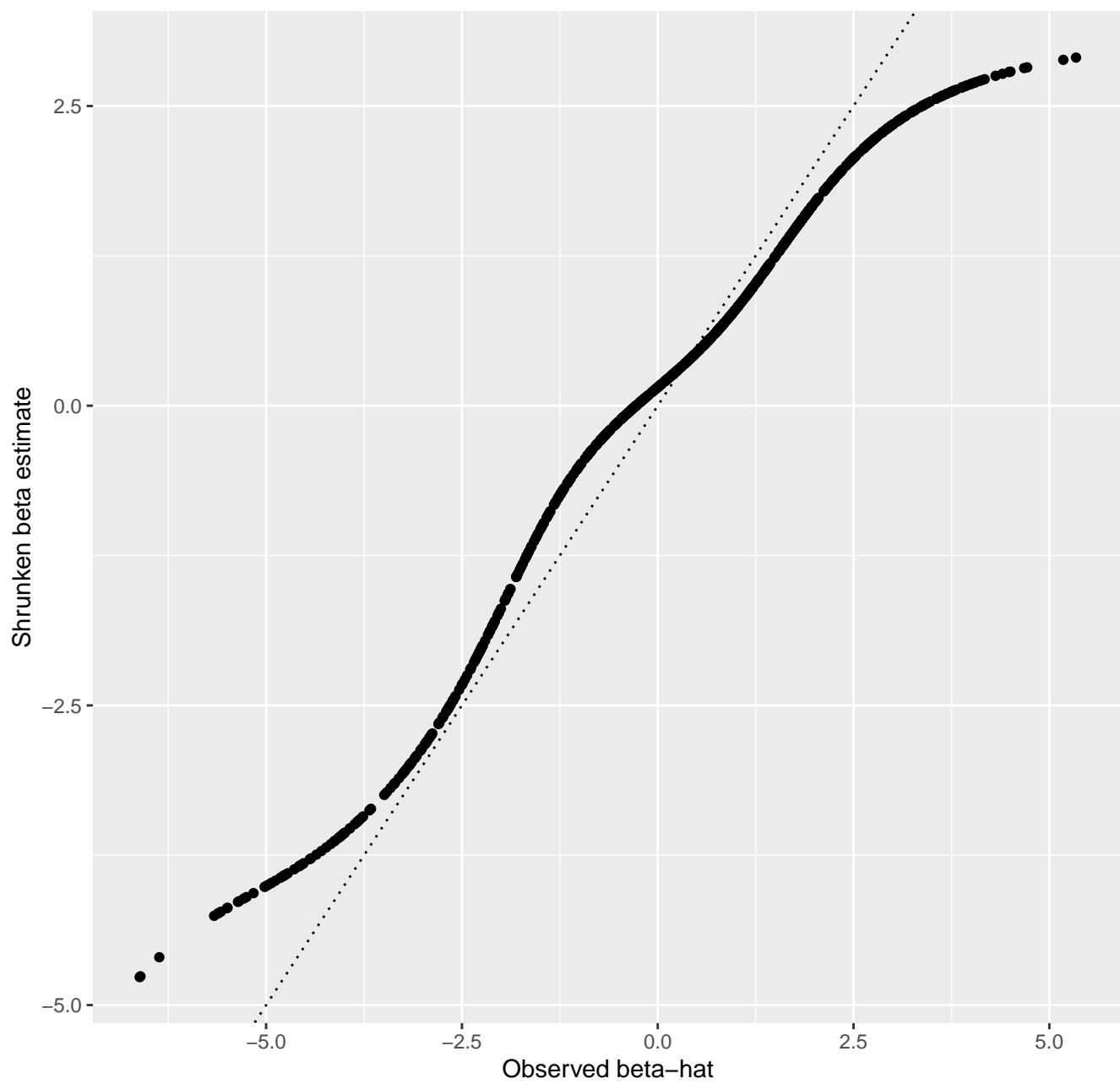
MAP2K1\_(5604) negative



PKMYT1\_(9088) positive

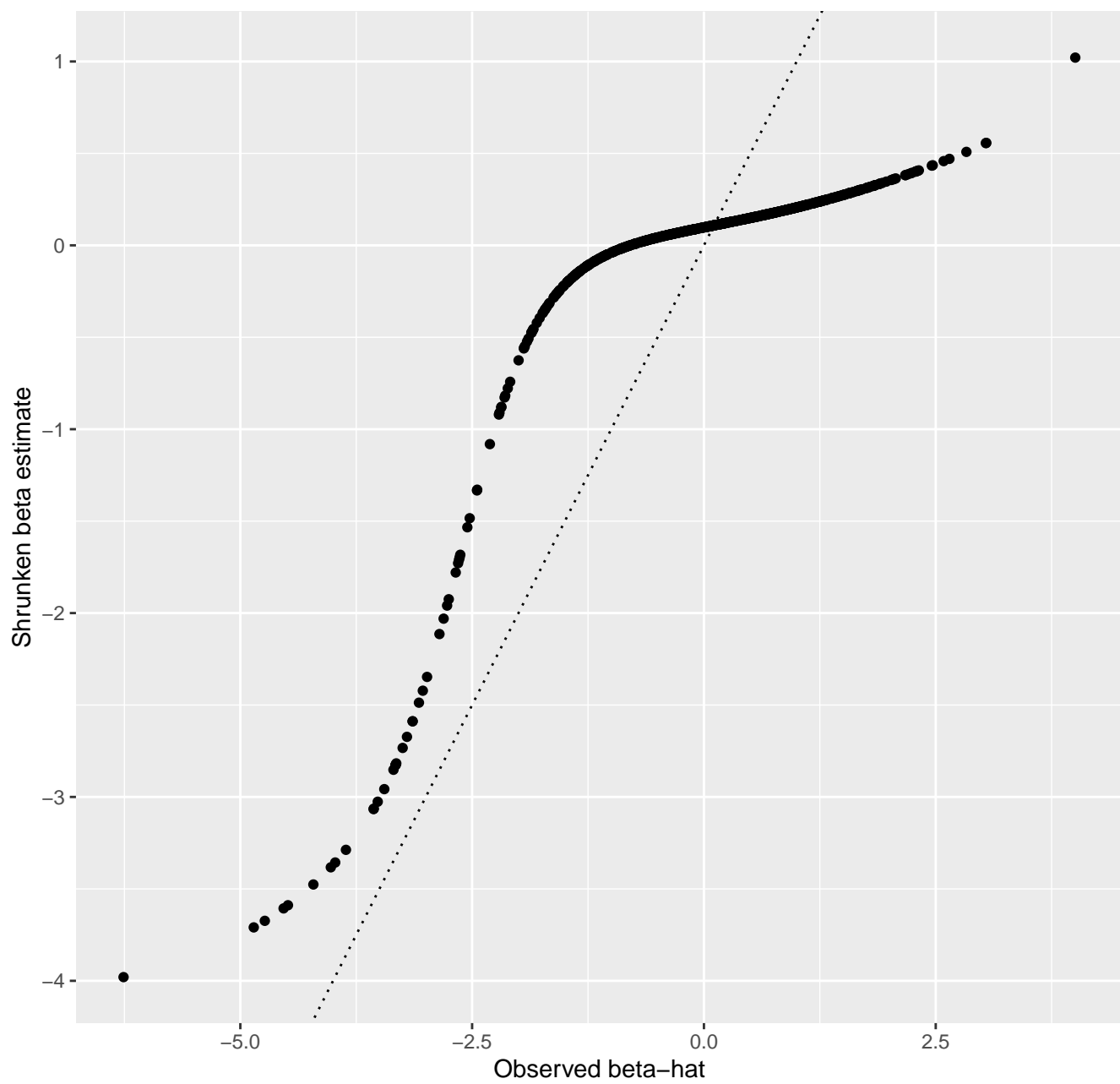


PTK2\_(5747) negative

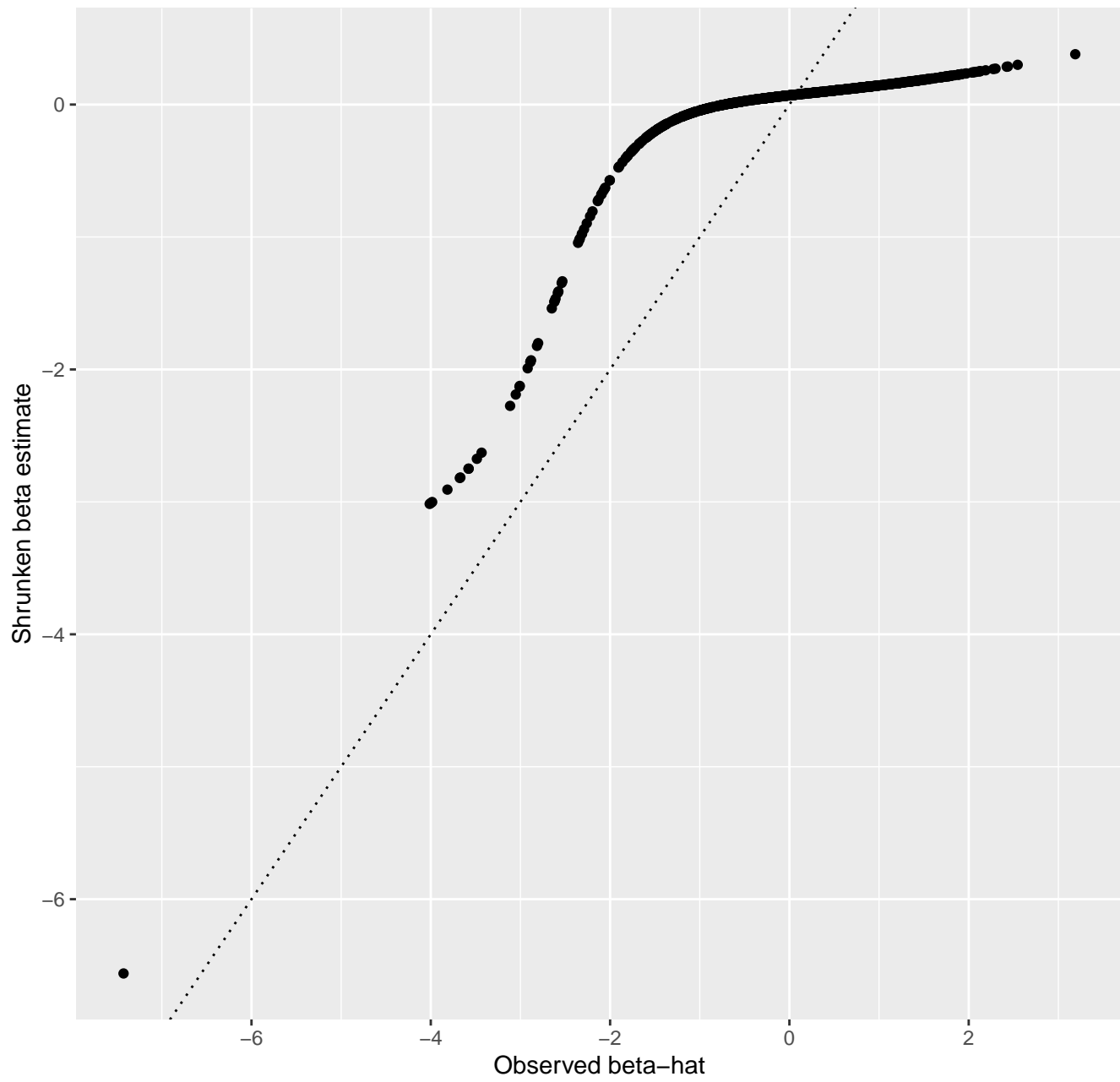




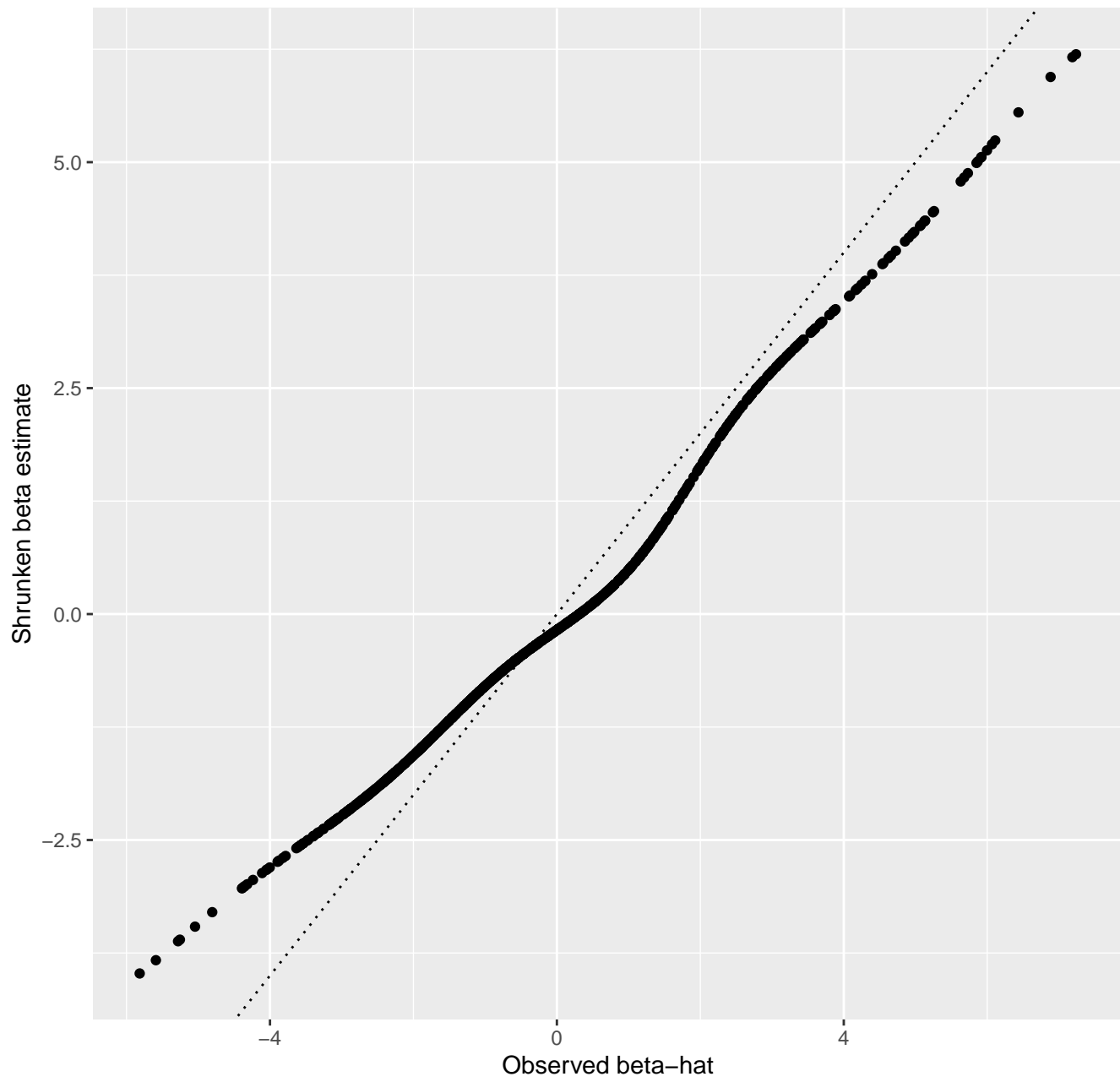
DIAPH3\_(81624) negative



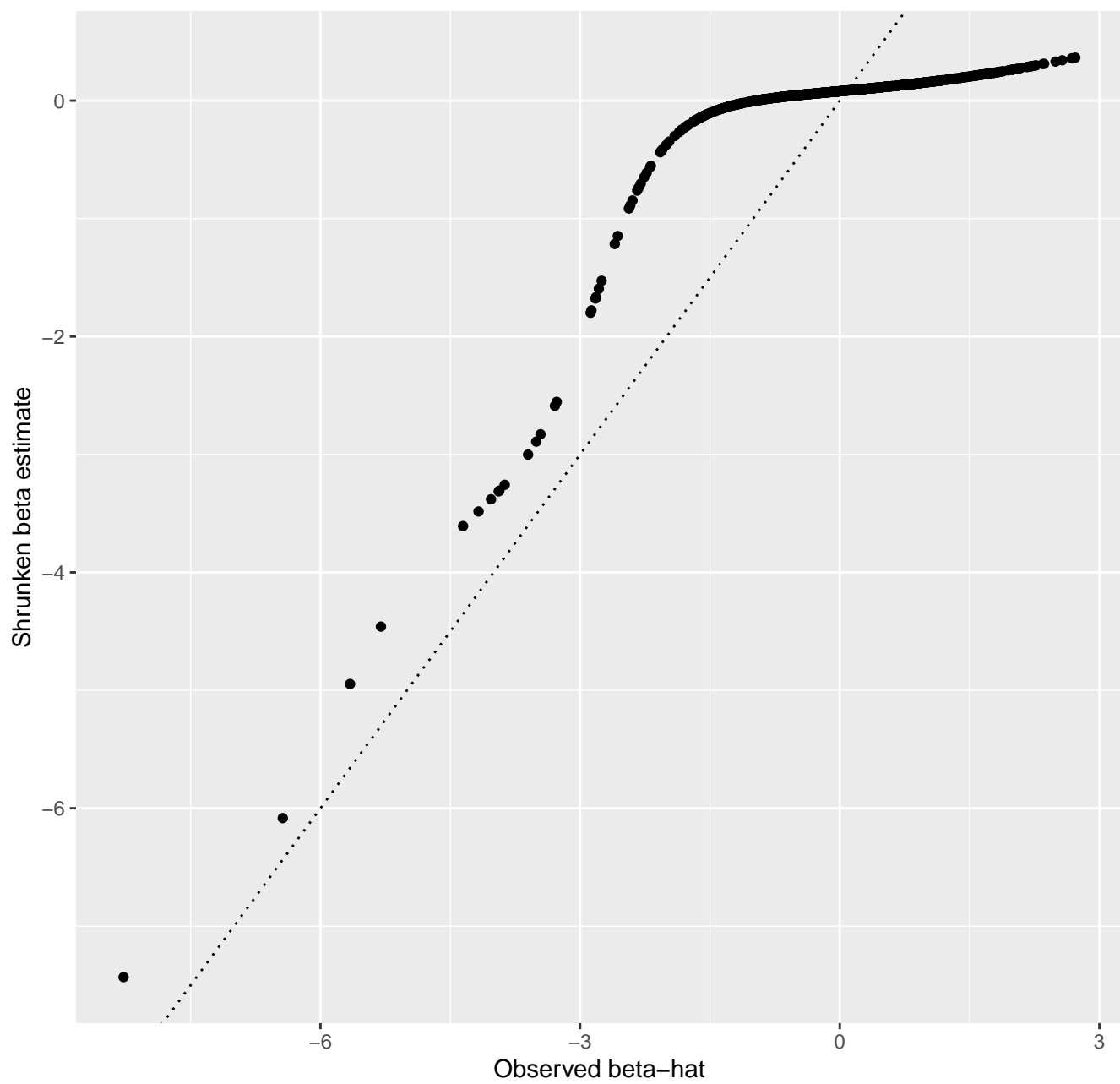
SLC31A1\_(1317) negative



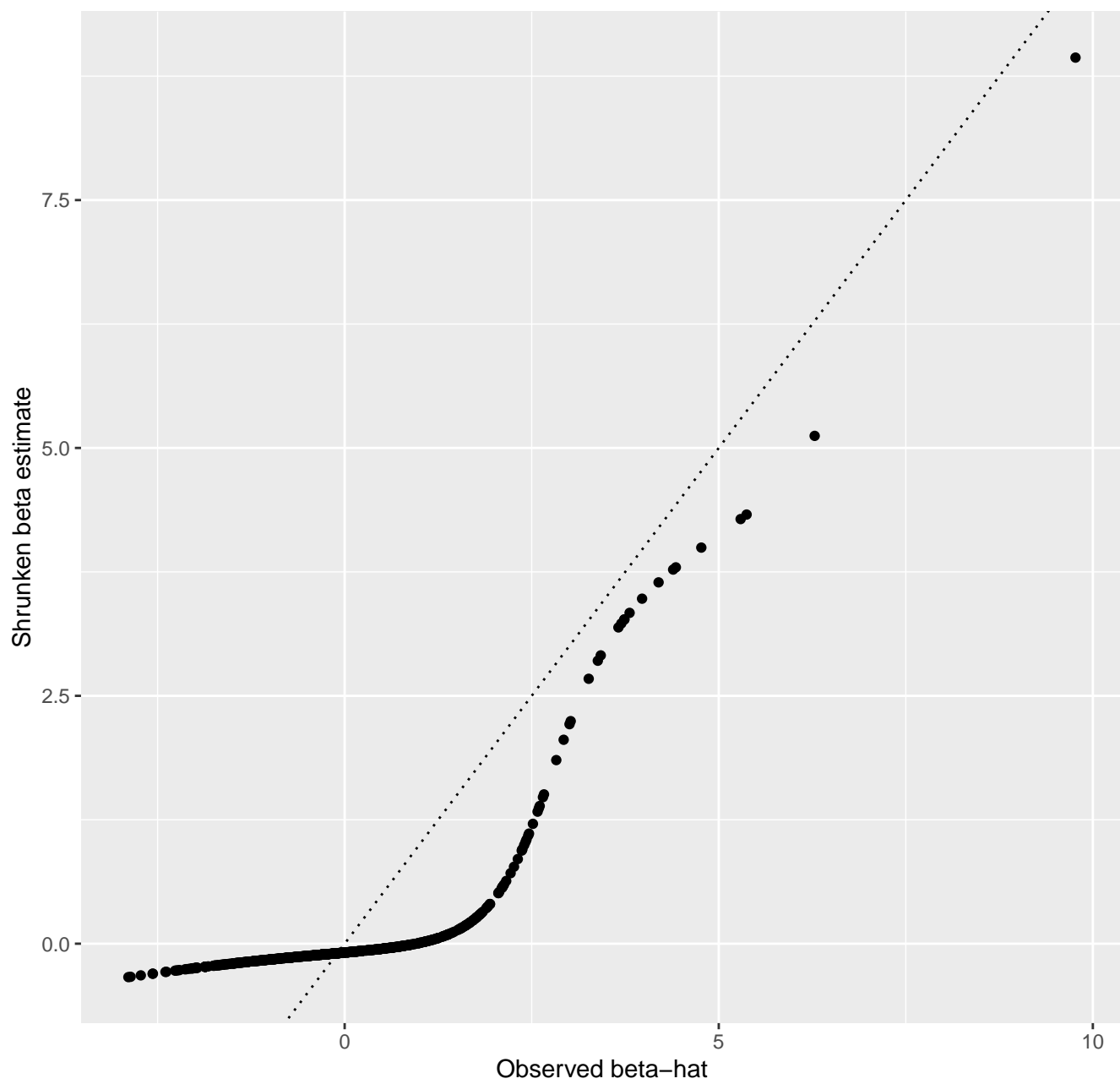
PCYT1A\_(5130) positive



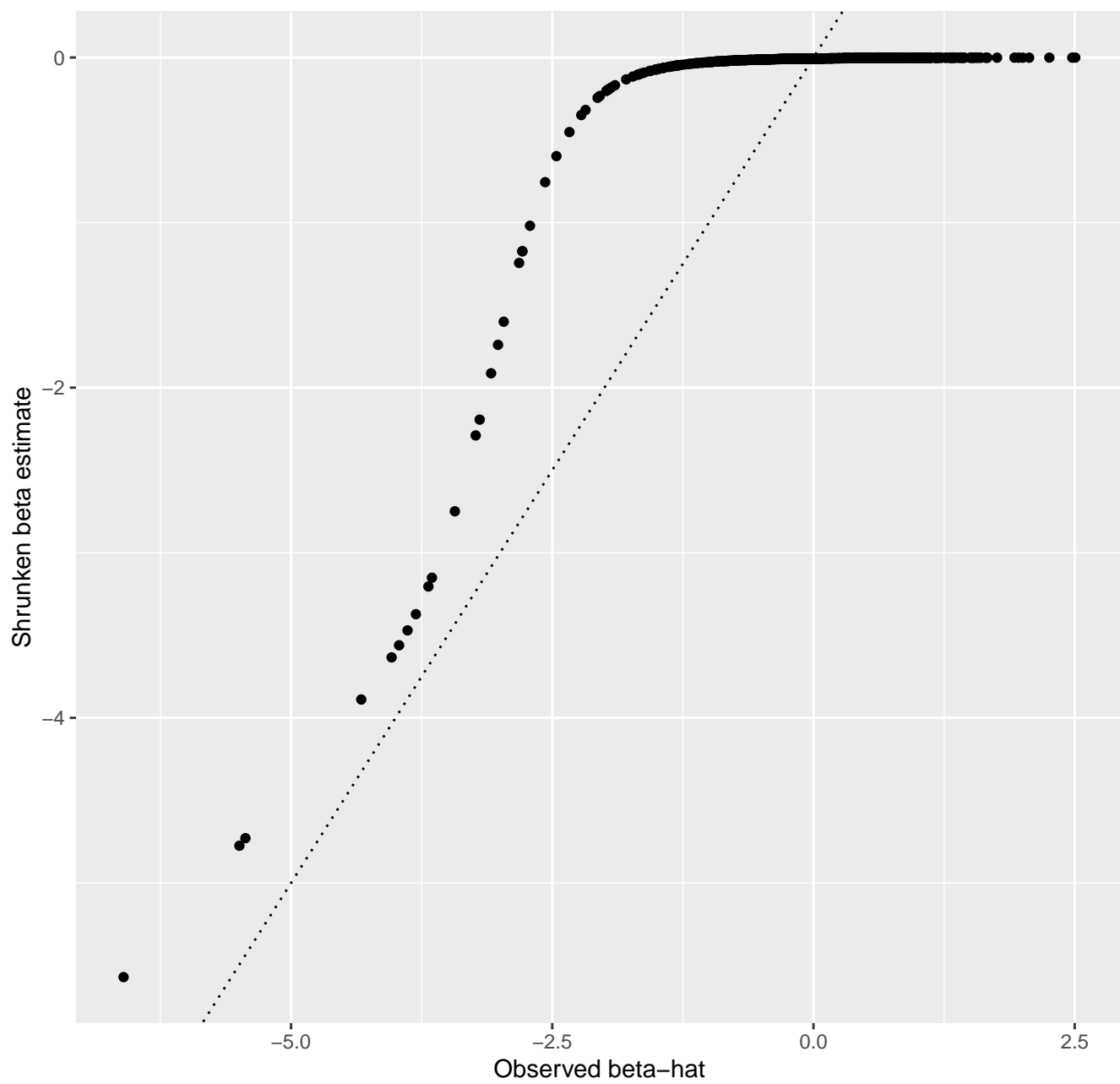
MUS81\_(80198) negative



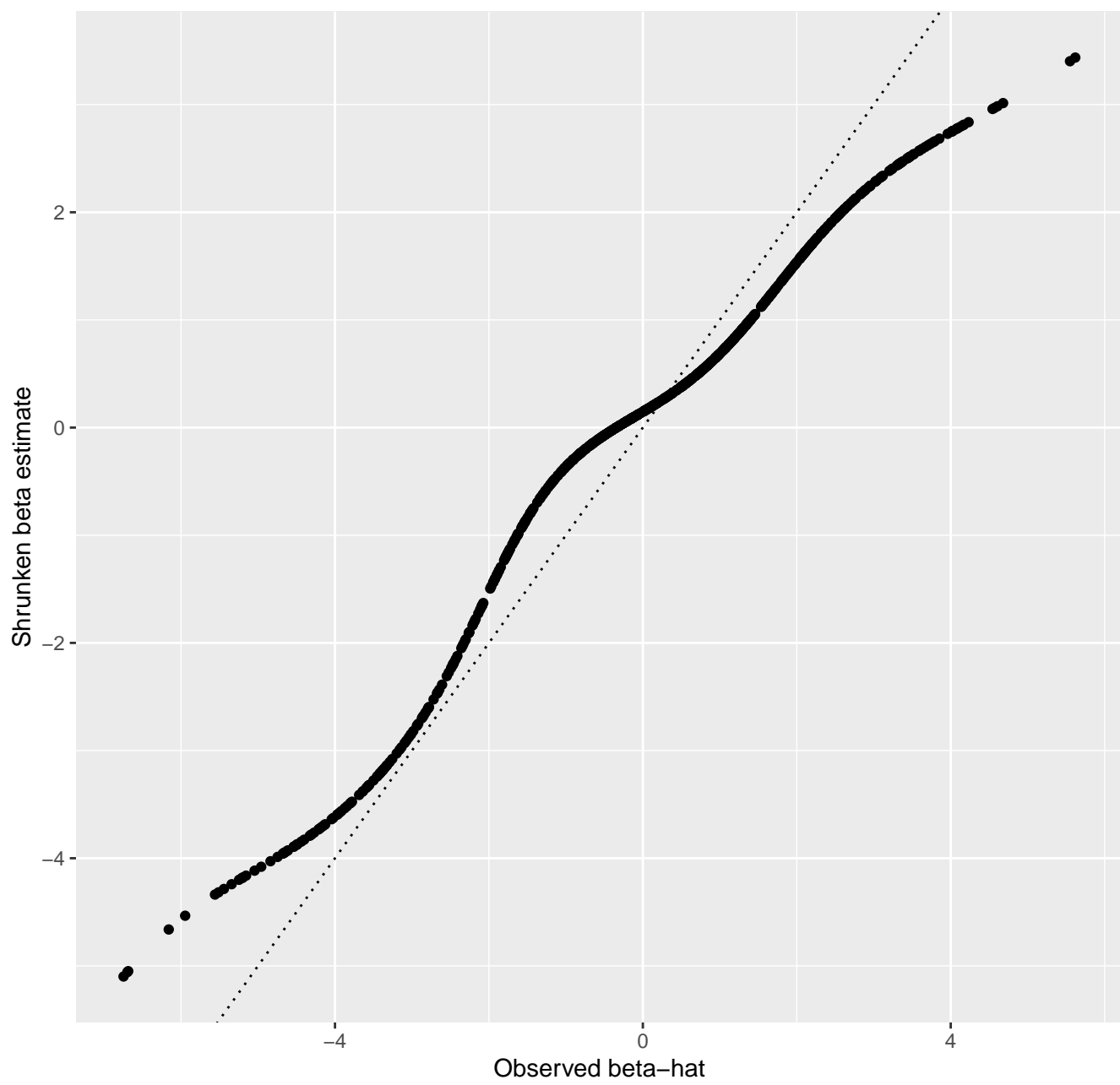
PTPN14\_(5784) positive



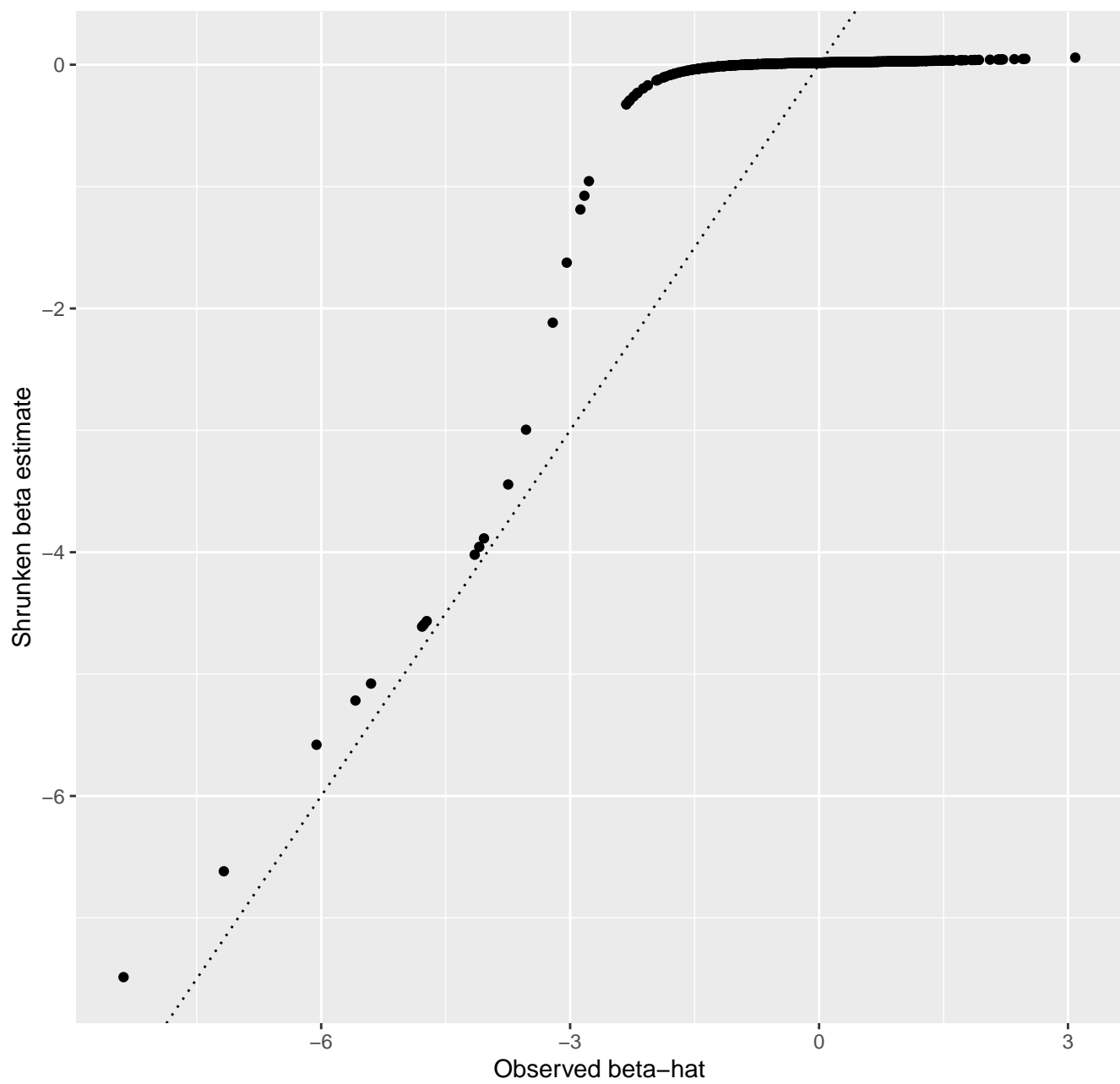
# IGF2BP1\_(10642) negative



GART\_(2618) negative

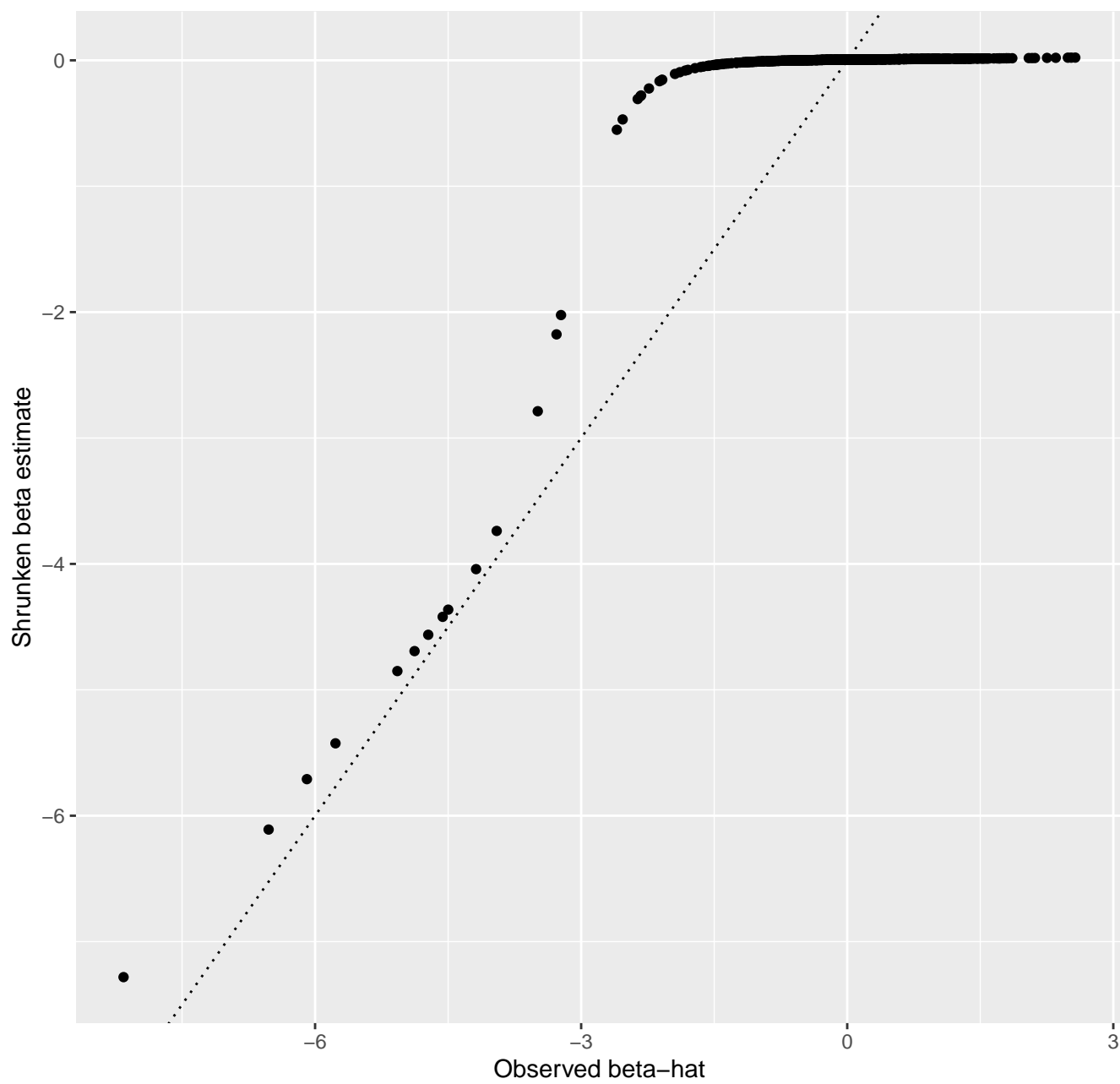


KDEL2\_(11014) negative

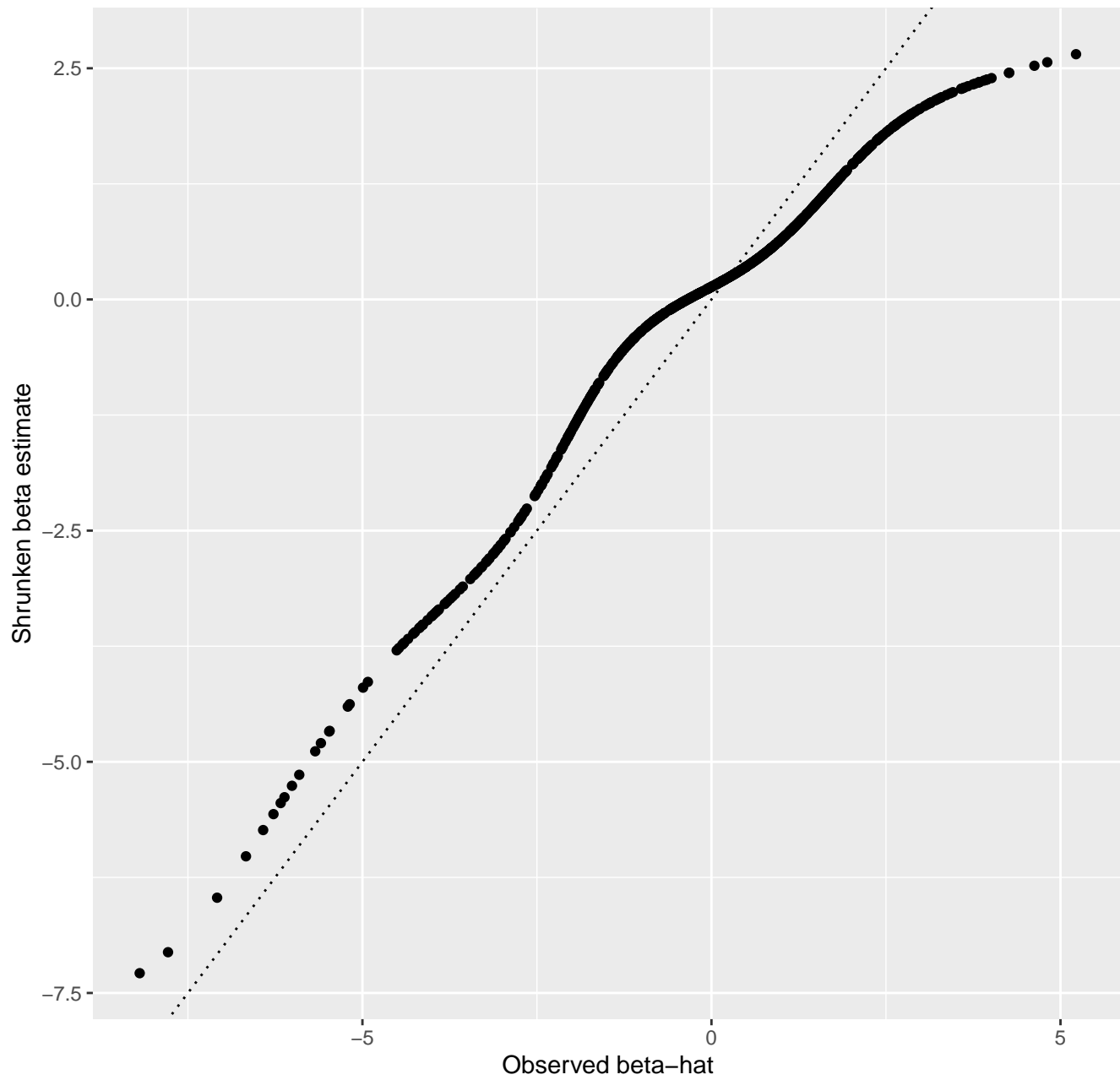




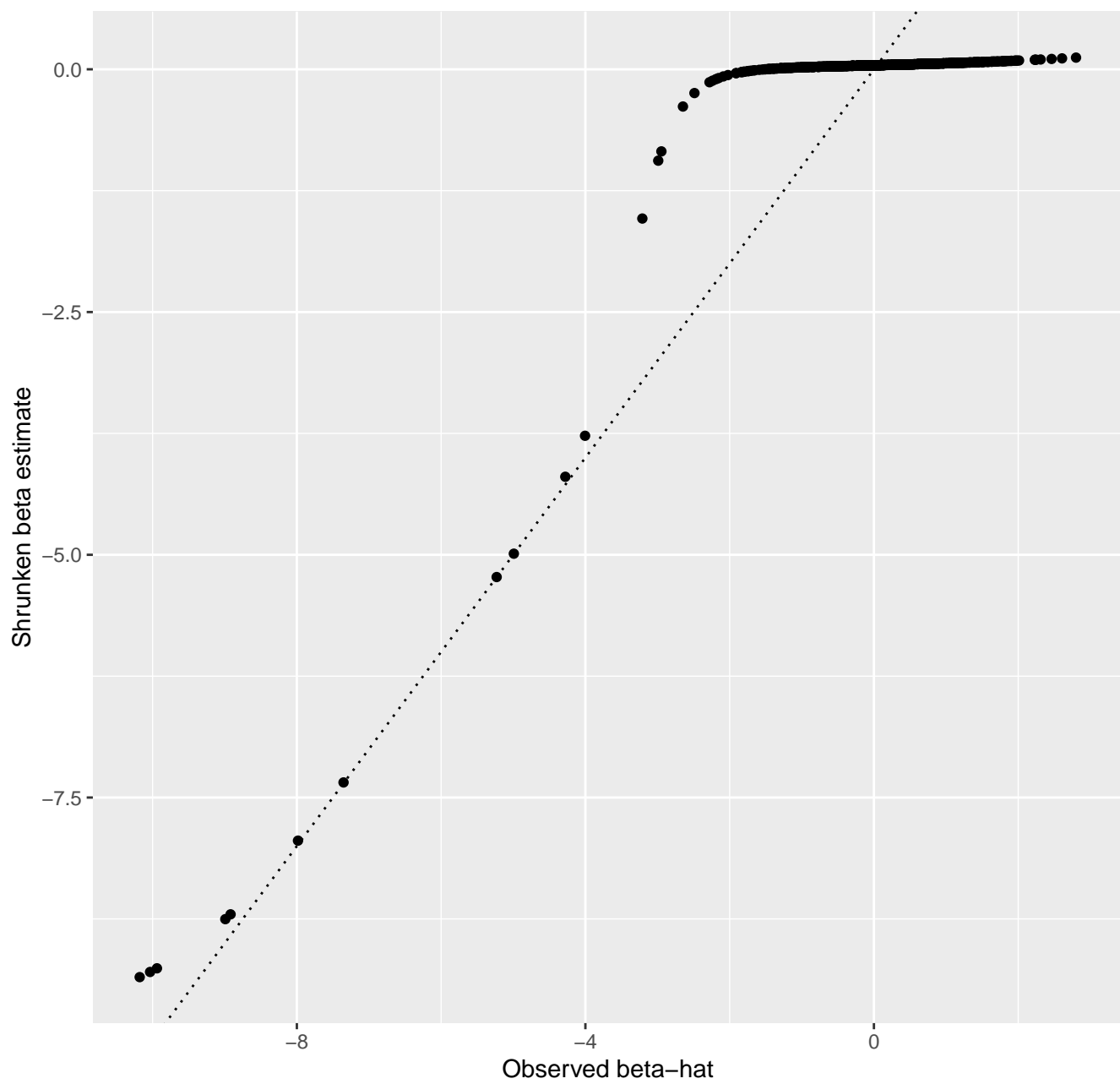
ZFPM1\_(161882) negative



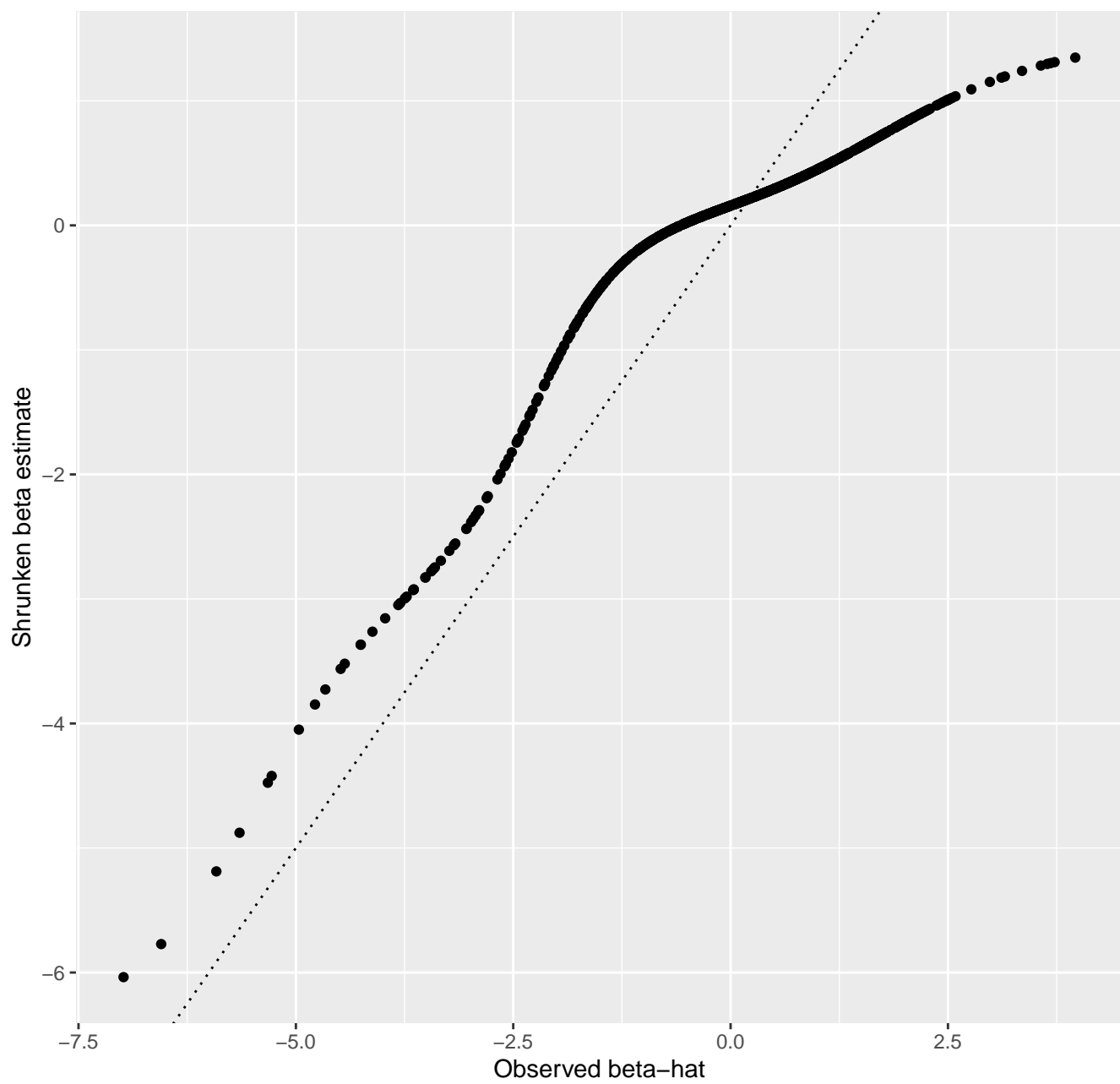
NDUFB10\_(4716) negative



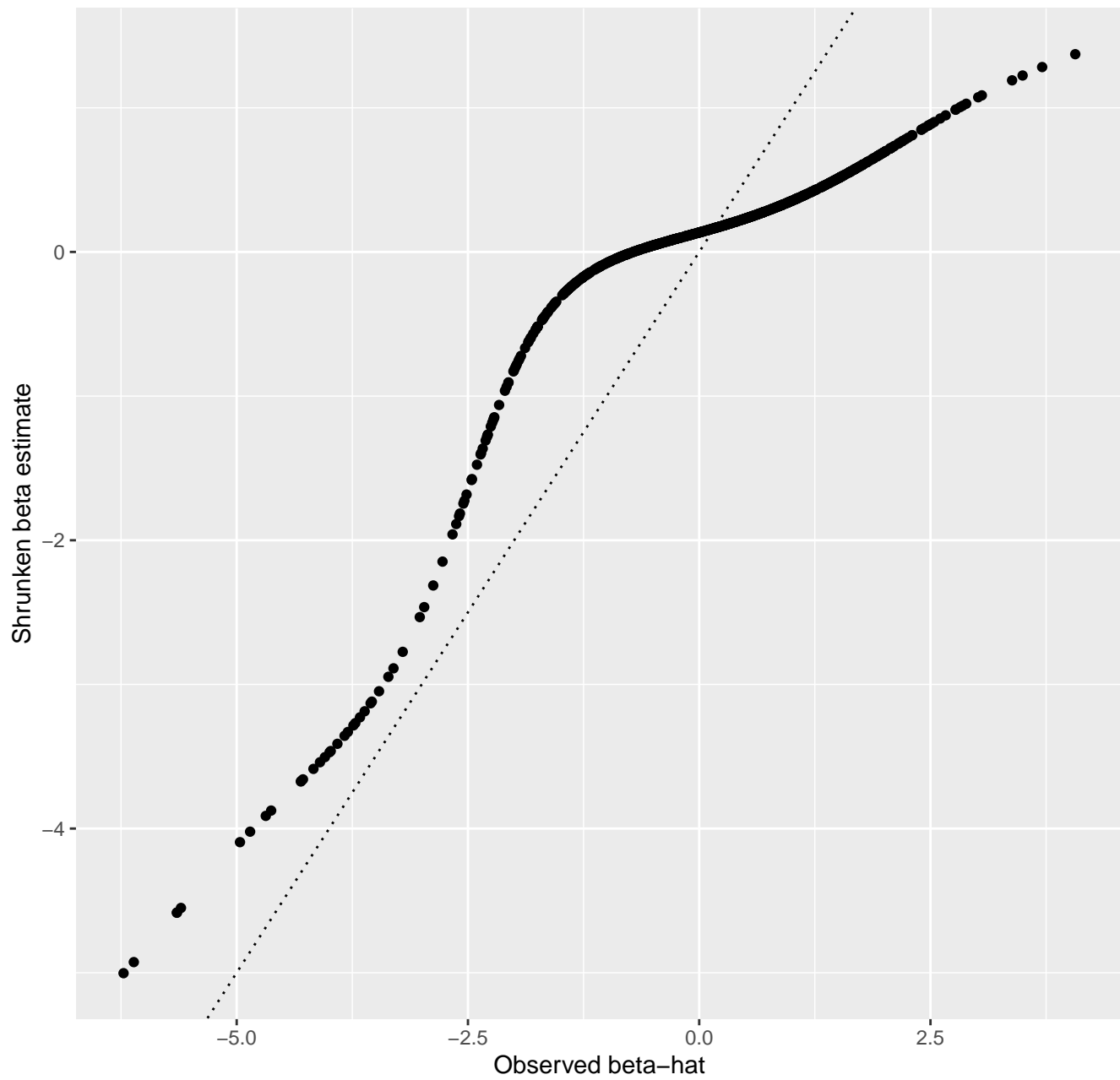
PAX3\_(5077) negative



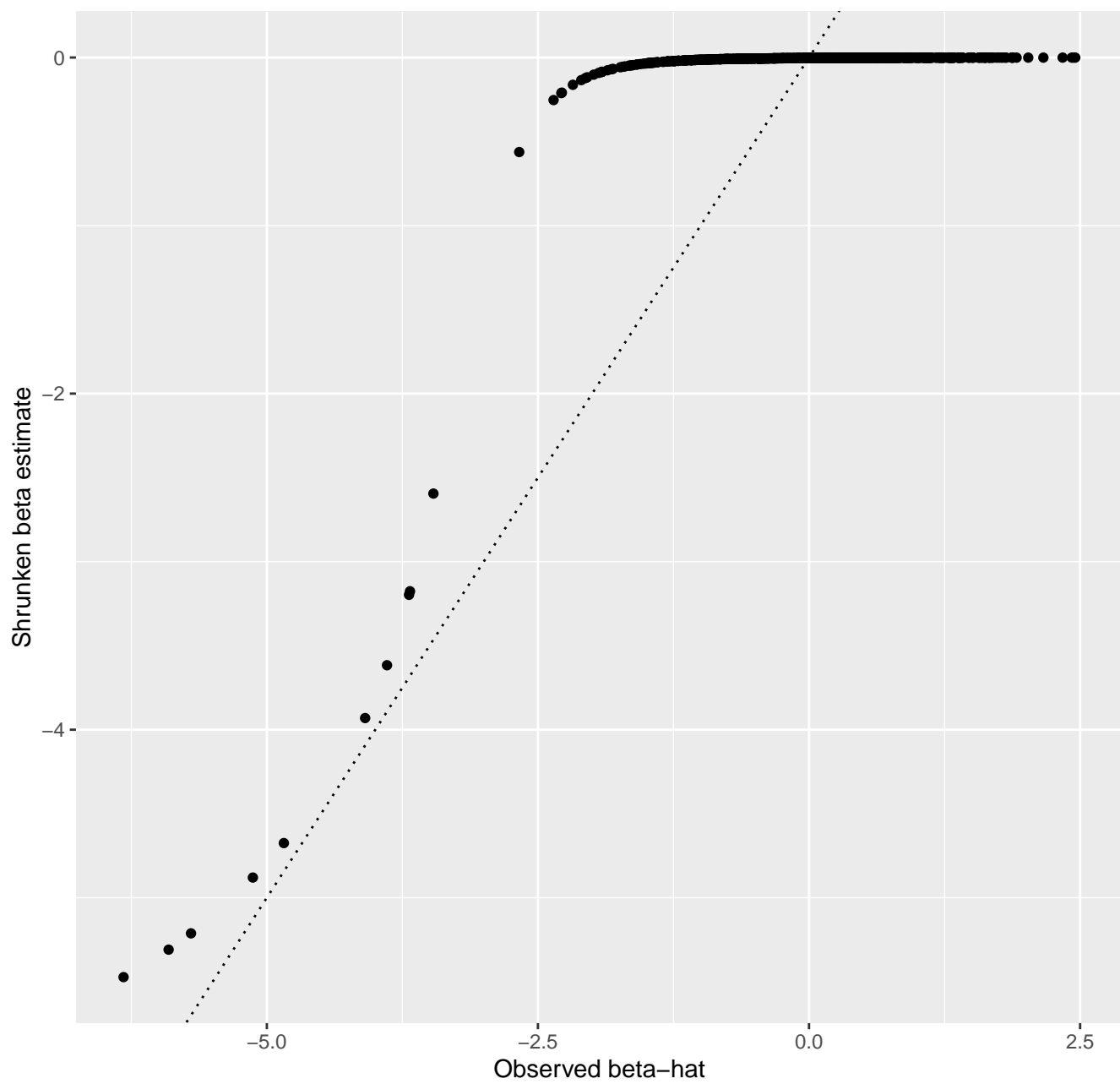
NOA1\_(84273) negative



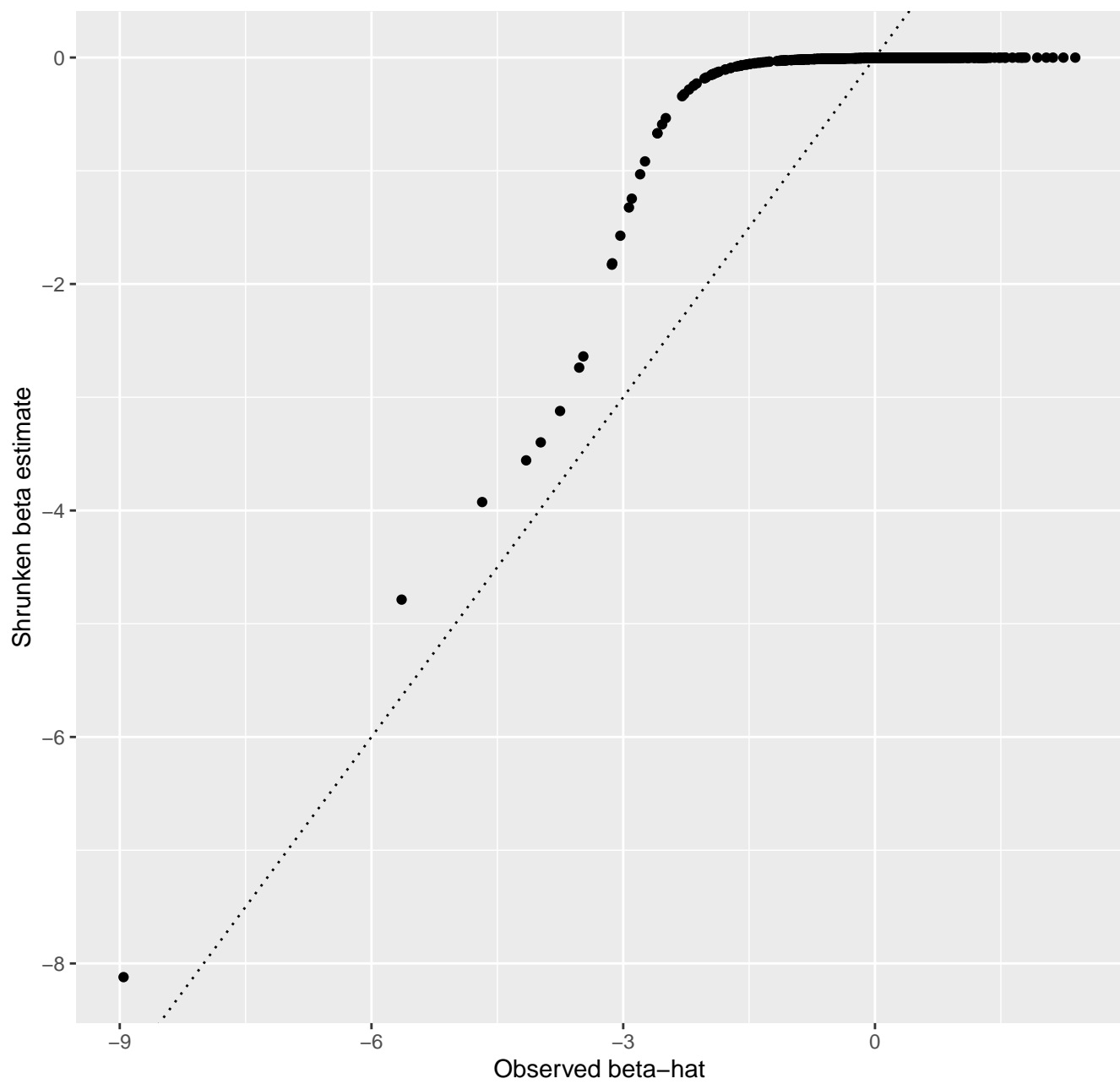
NDUFAF7\_(55471) negative



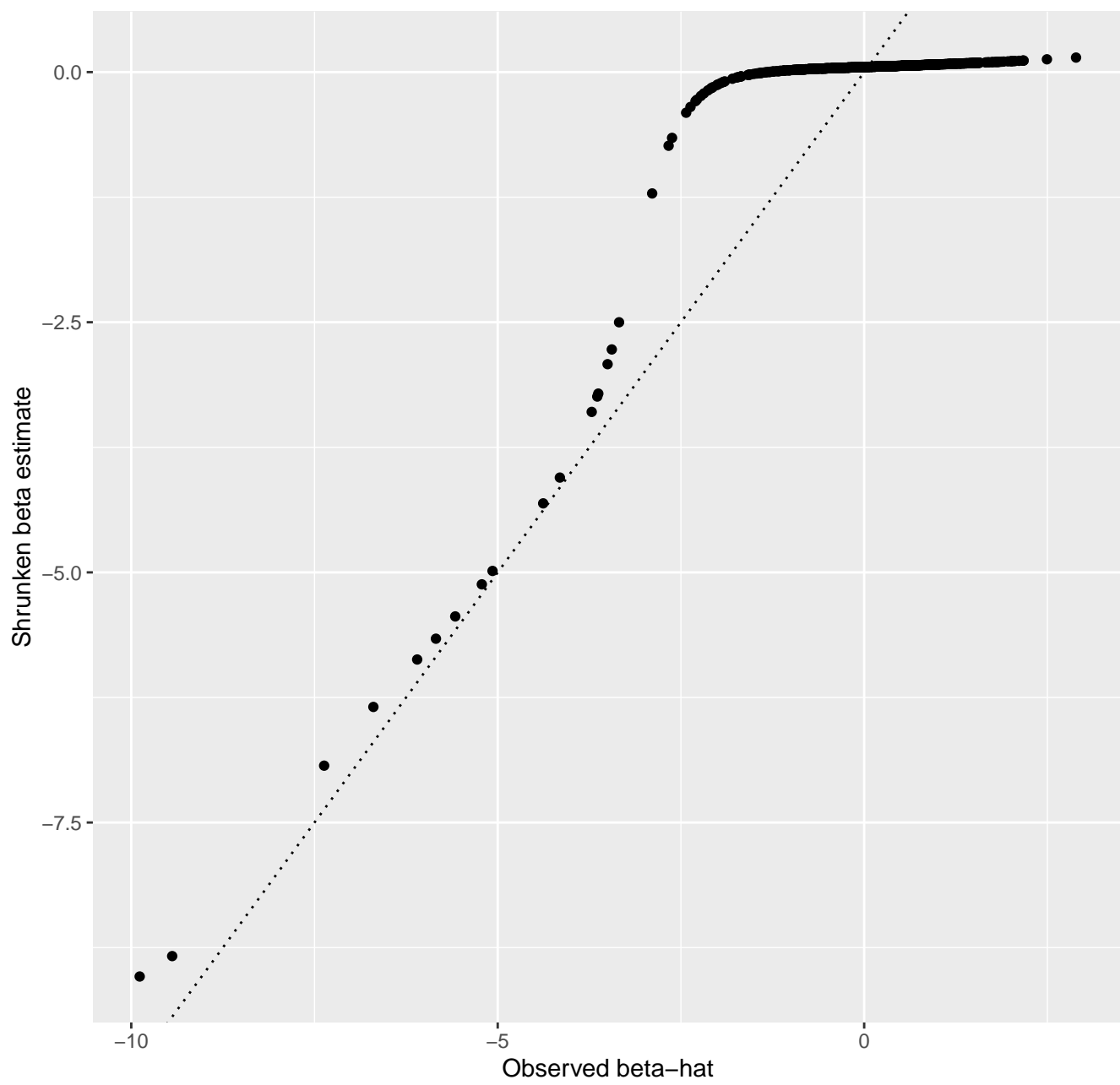
SQSTM1\_(8878) negative



LIN28B\_(389421) negative

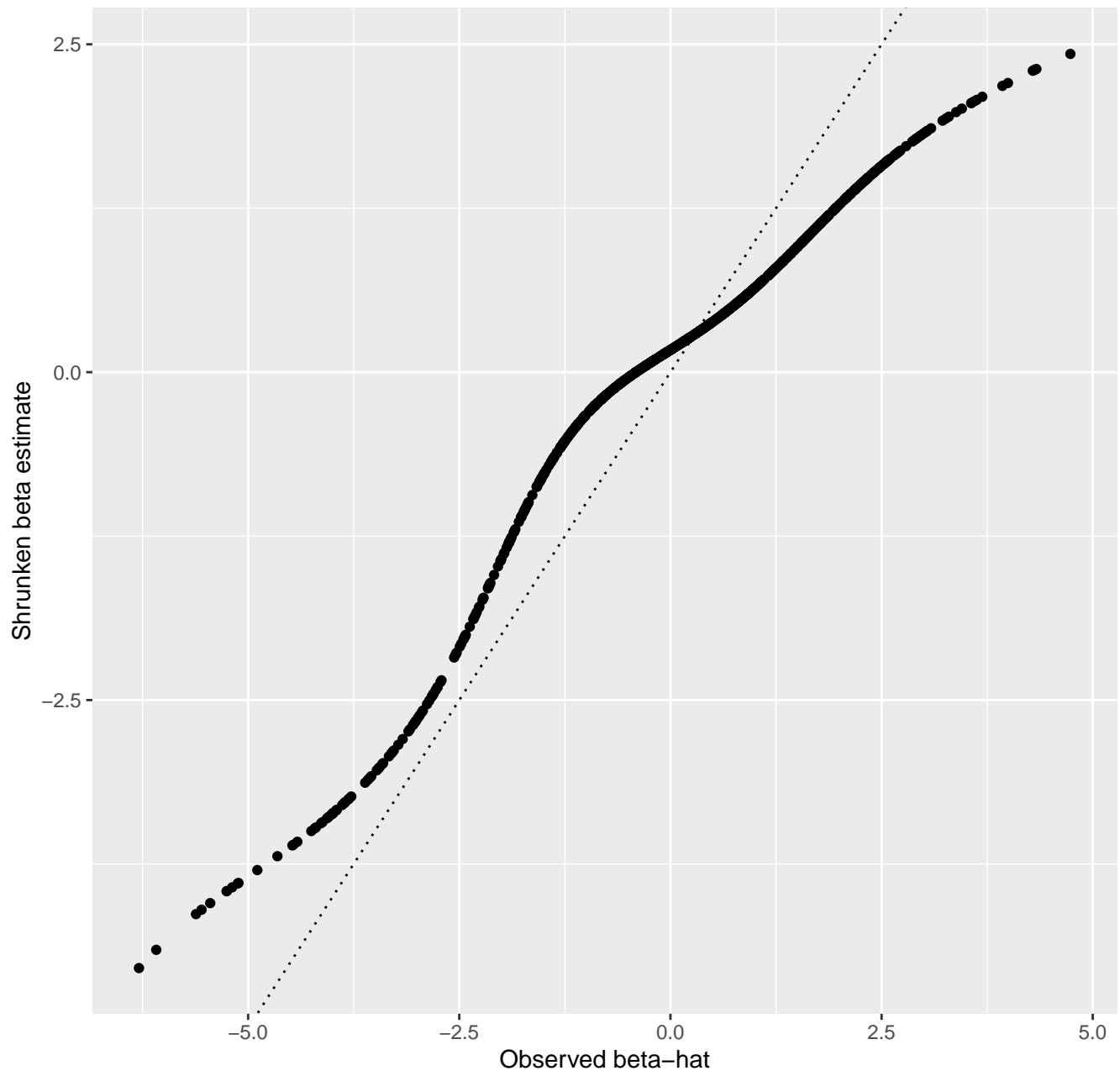


ISG15\_(9636) negative

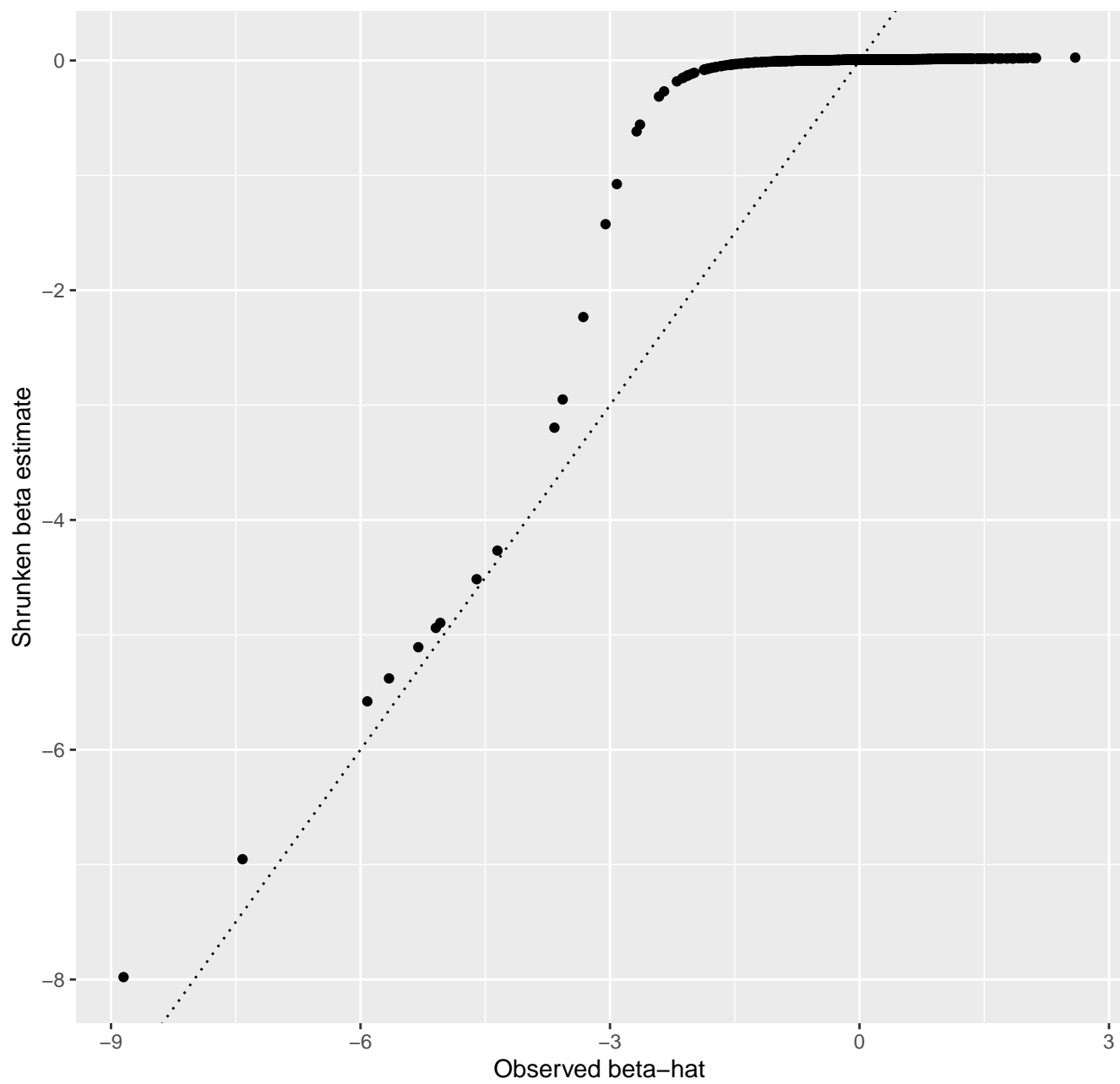




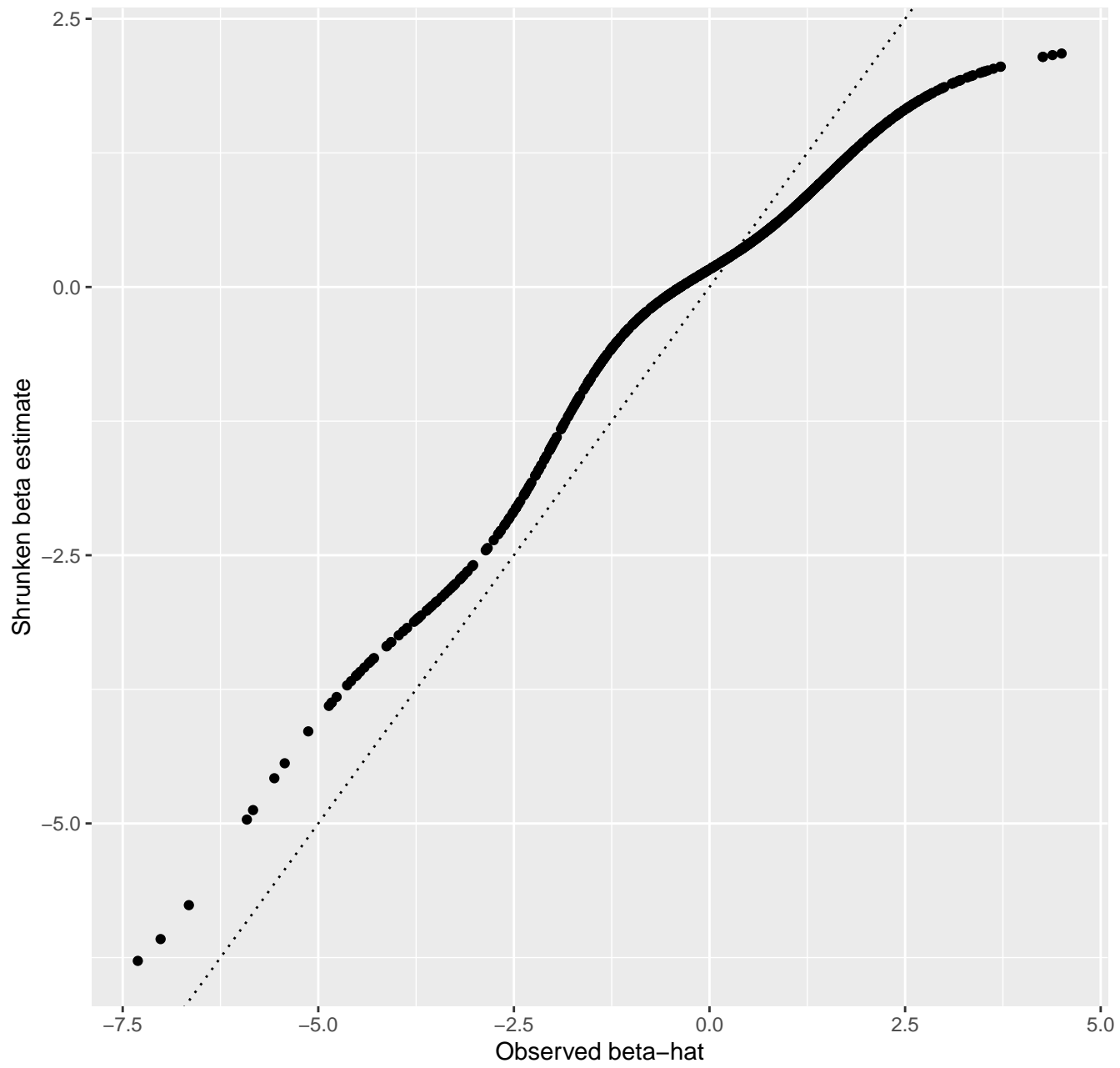
HSD17B12\_(51144) negative



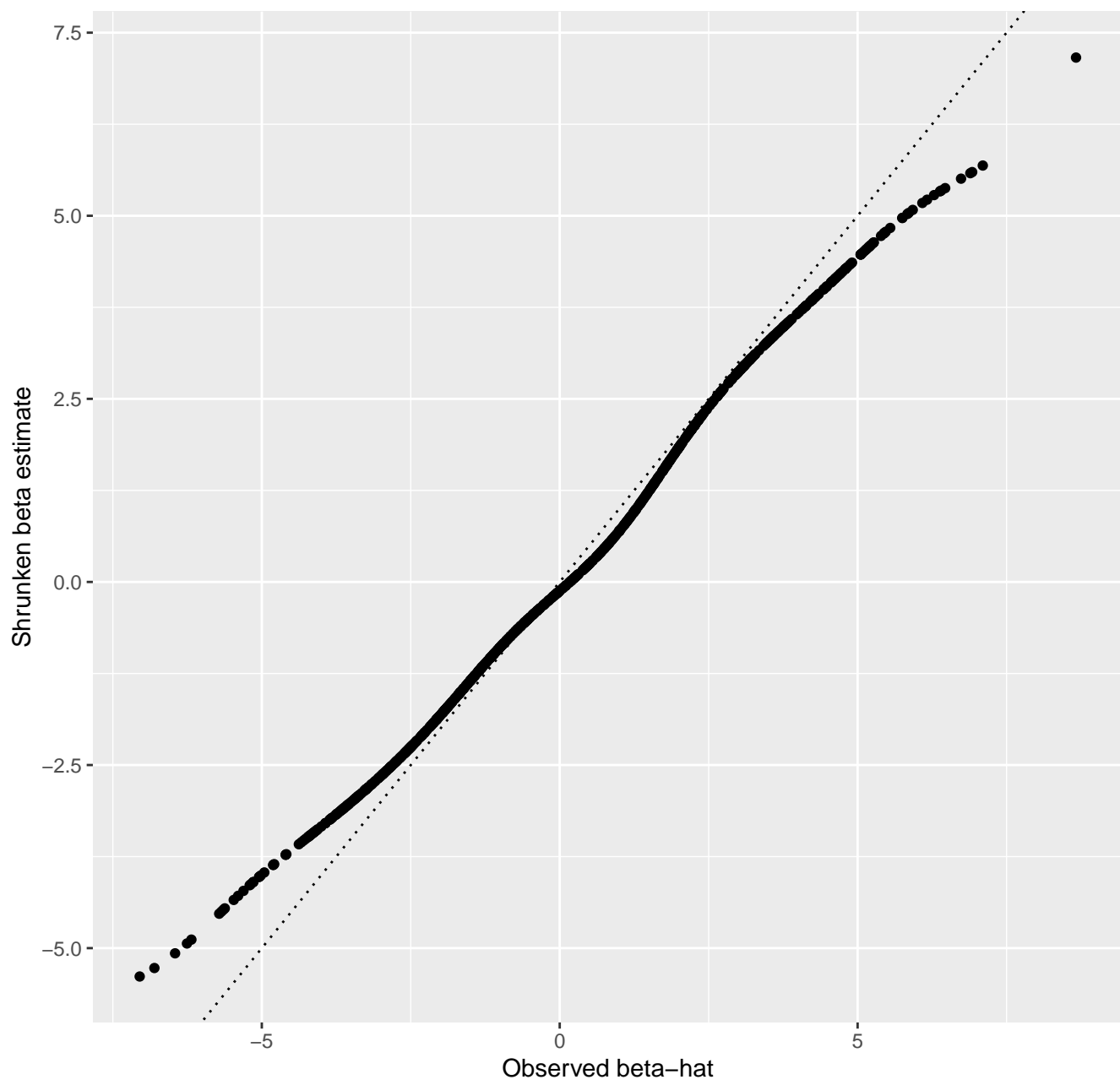
SPDEF\_(25803) negative



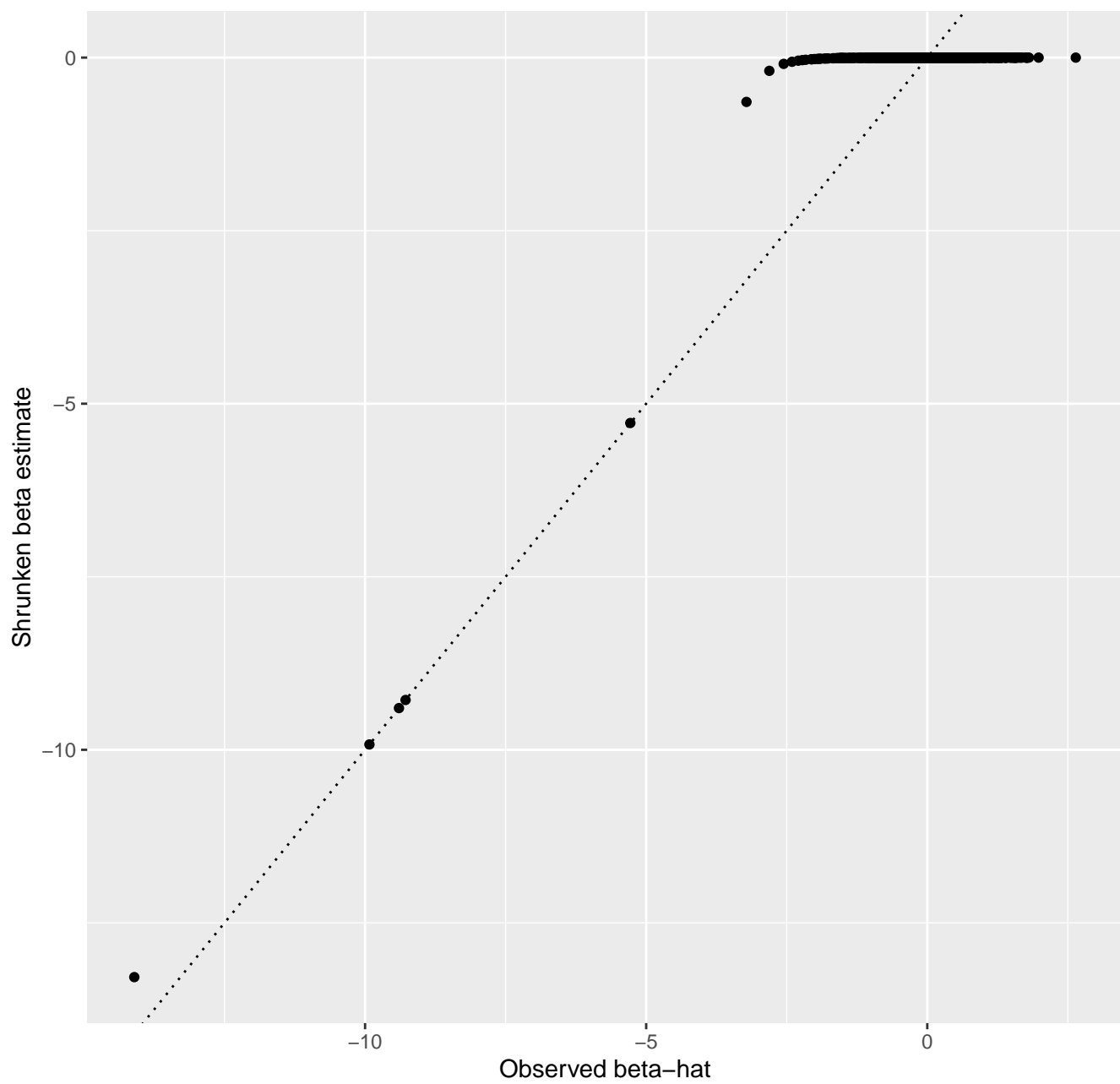
SHOC2\_(8036) negative



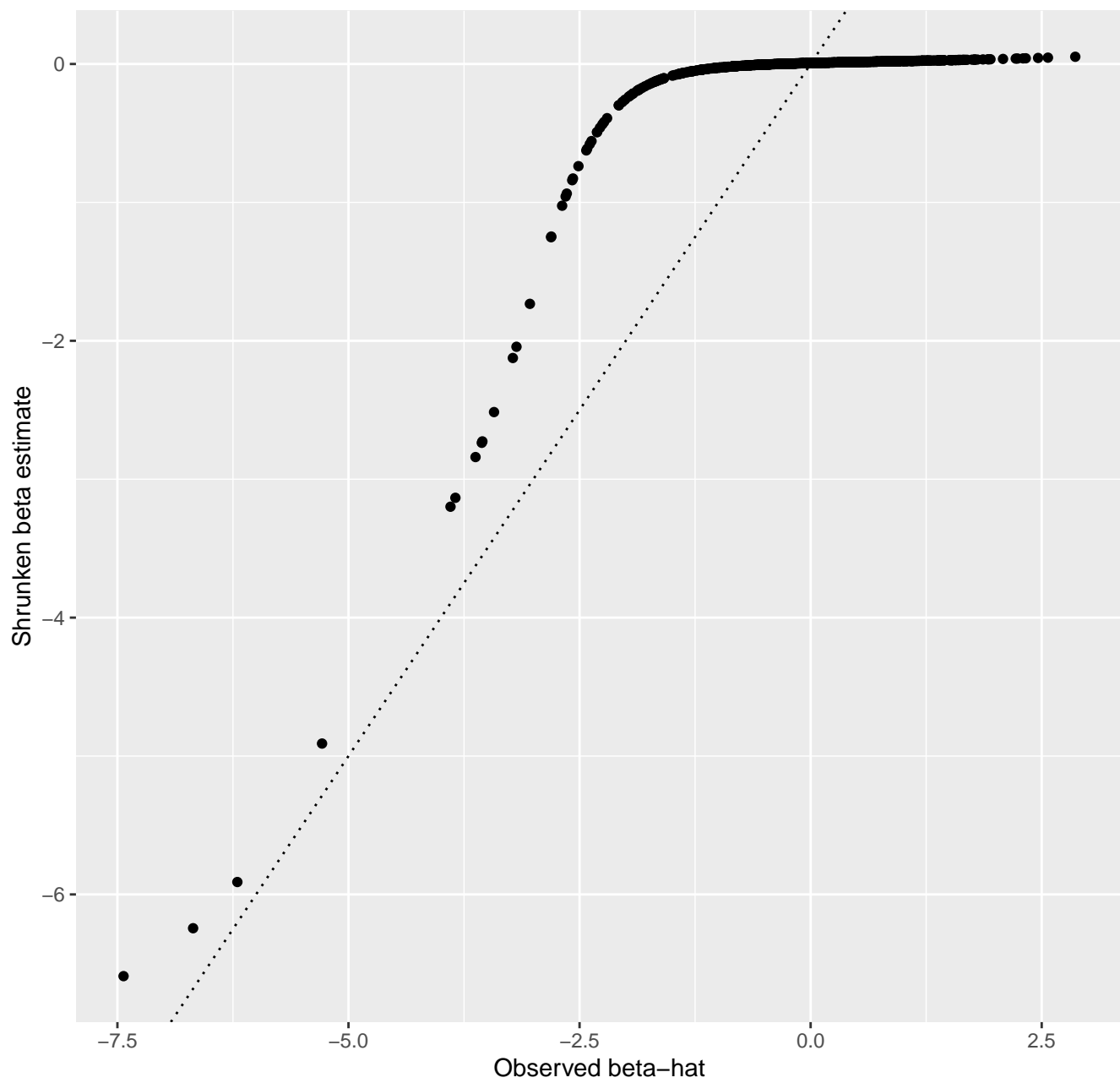
CHMP4B\_(128866) positive



TBXT\_(6862) negative



SLC12A7\_(10723) negative



CRTC2\_(200186) negative

Shrunken beta estimate

0

-2

-4

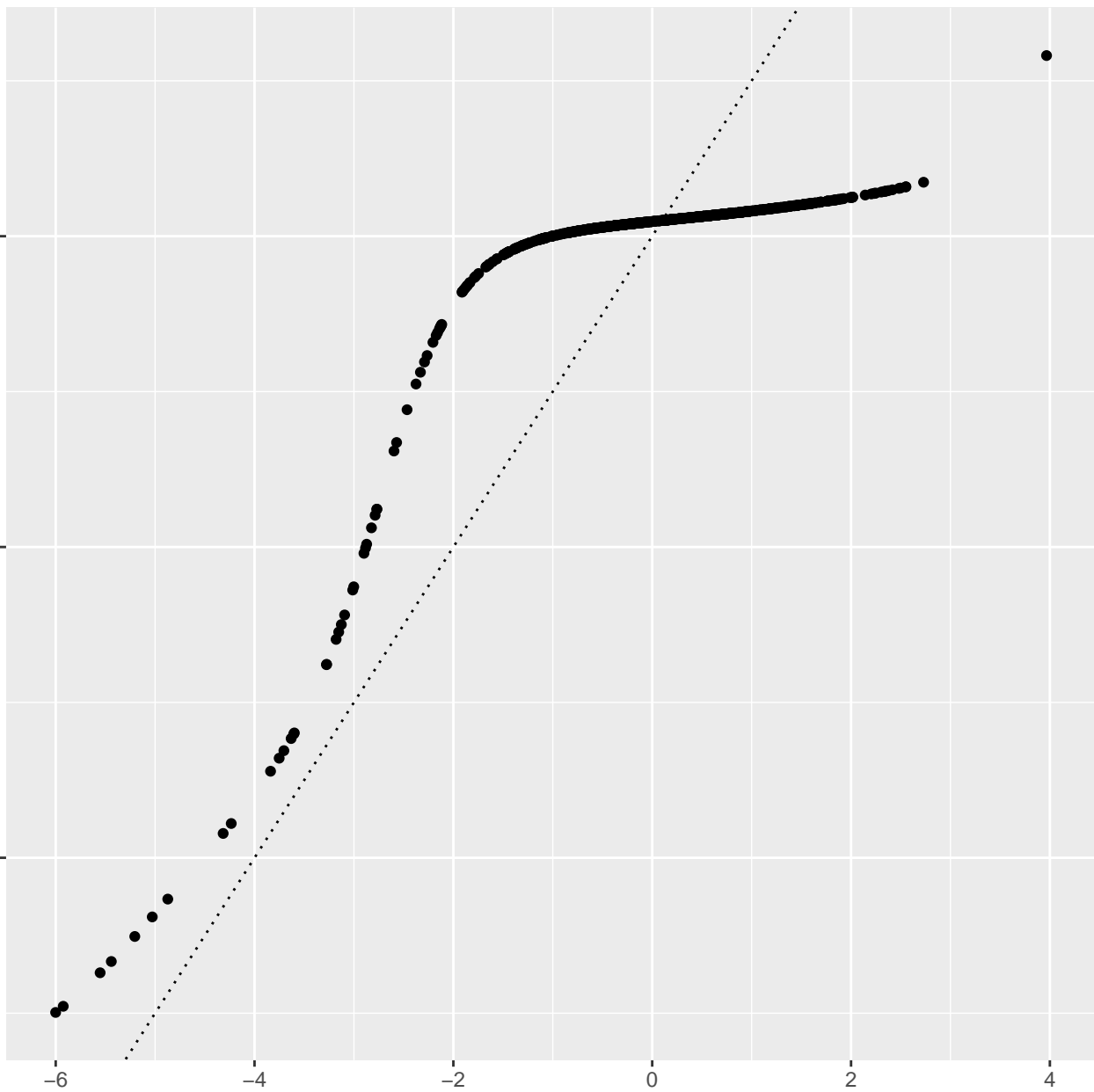
-6

Observed beta-hat

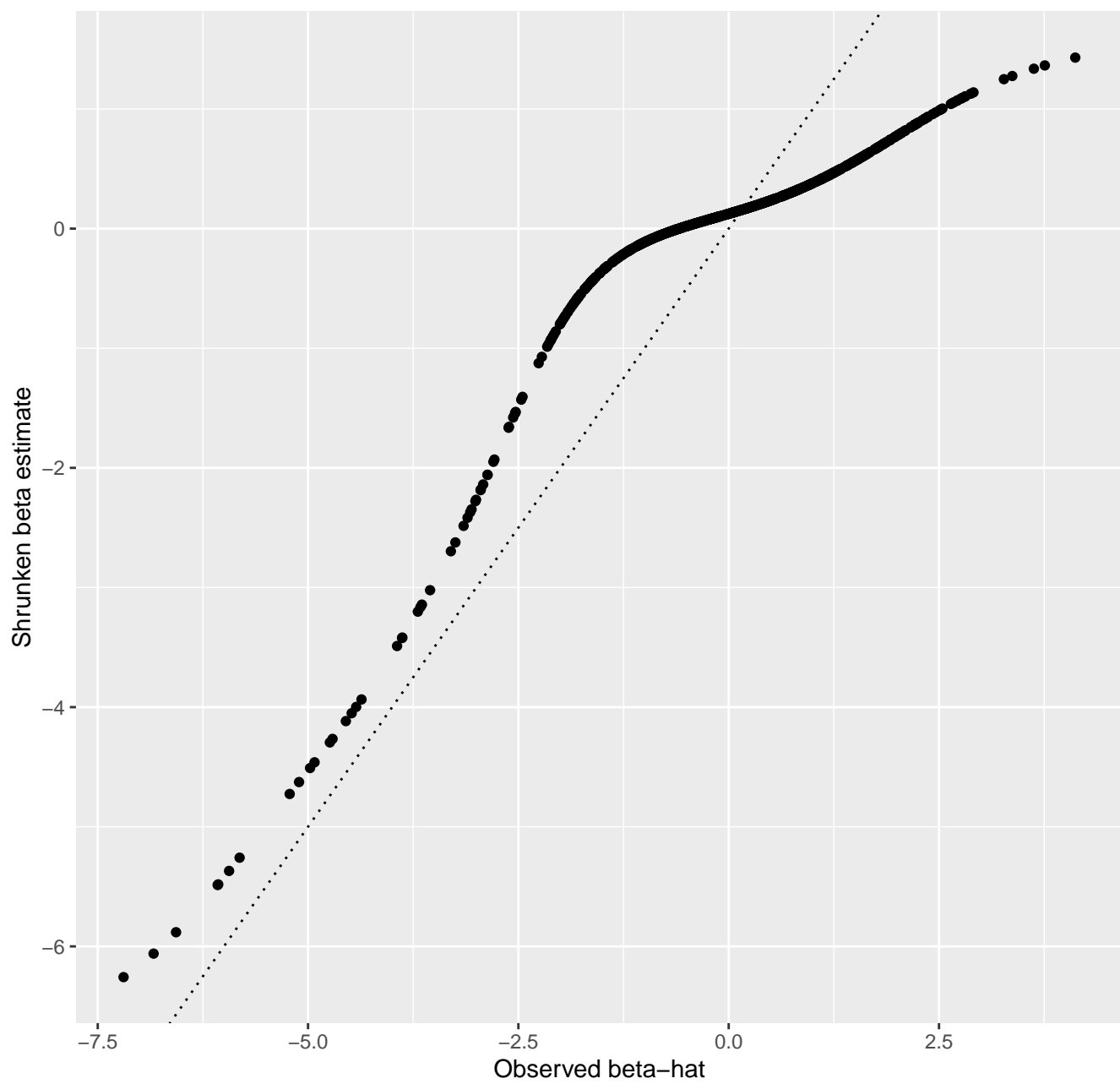
0

2

4

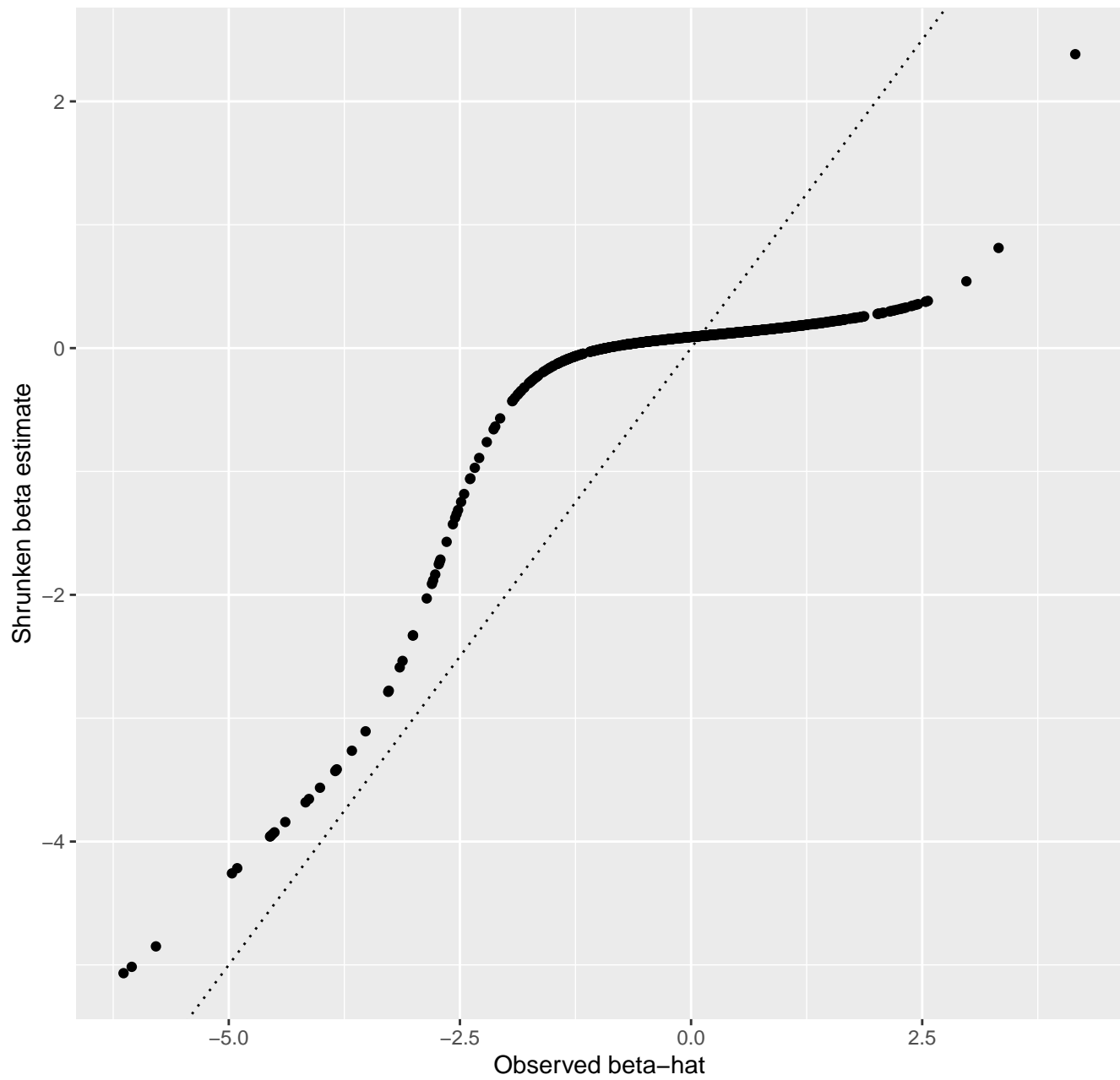


FDX1\_(2230) negative

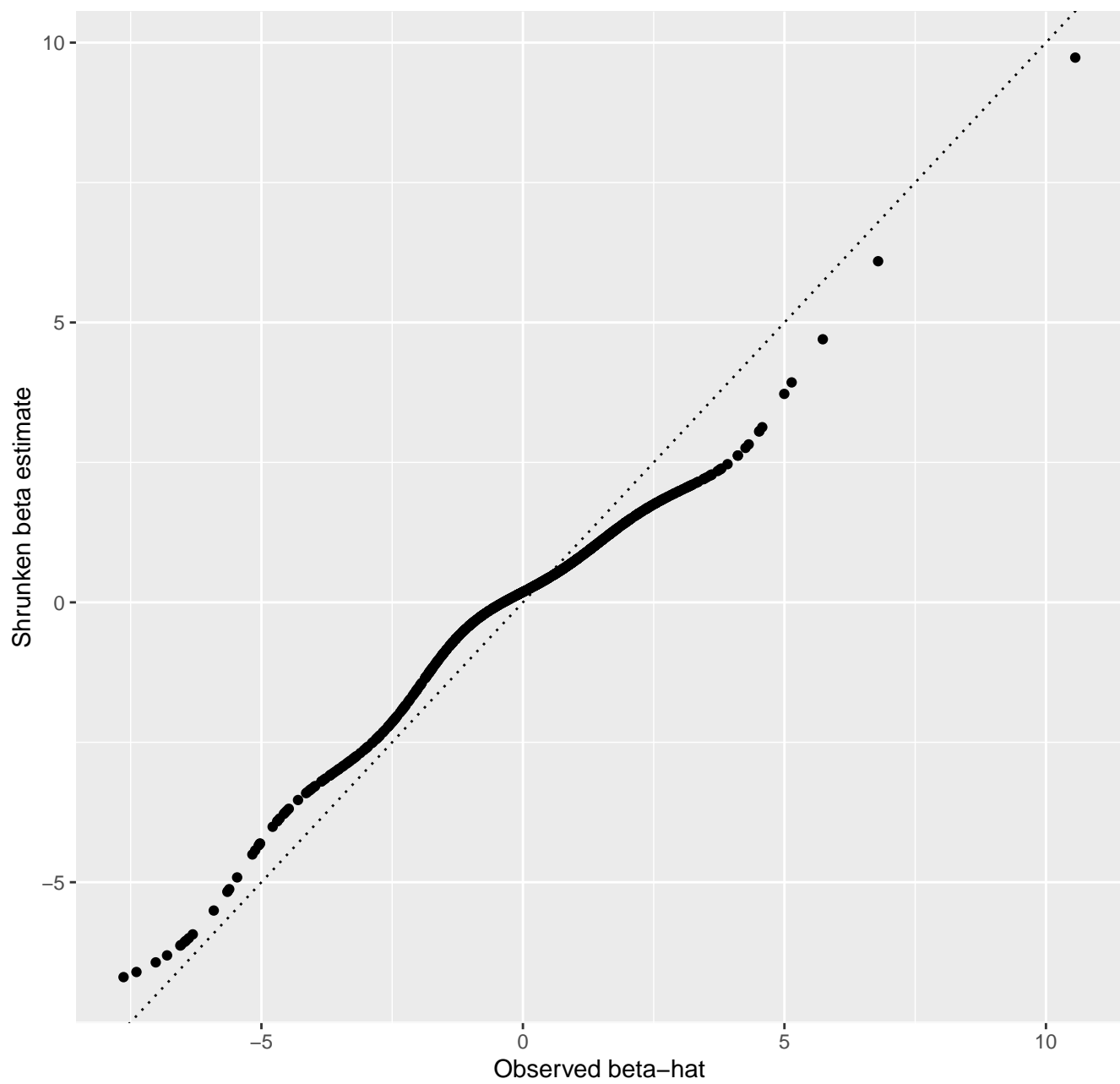




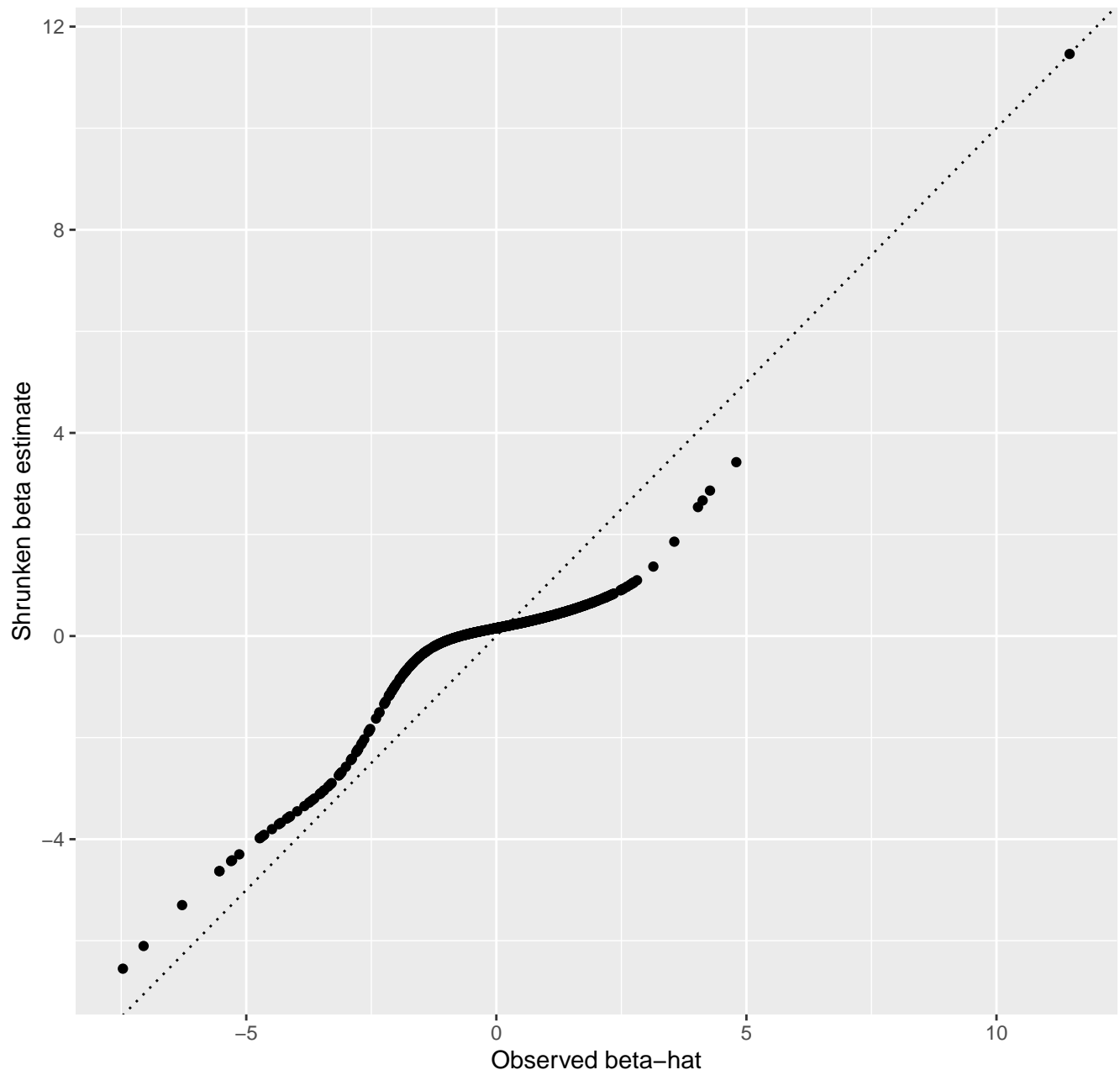
PEX5\_(5830) negative



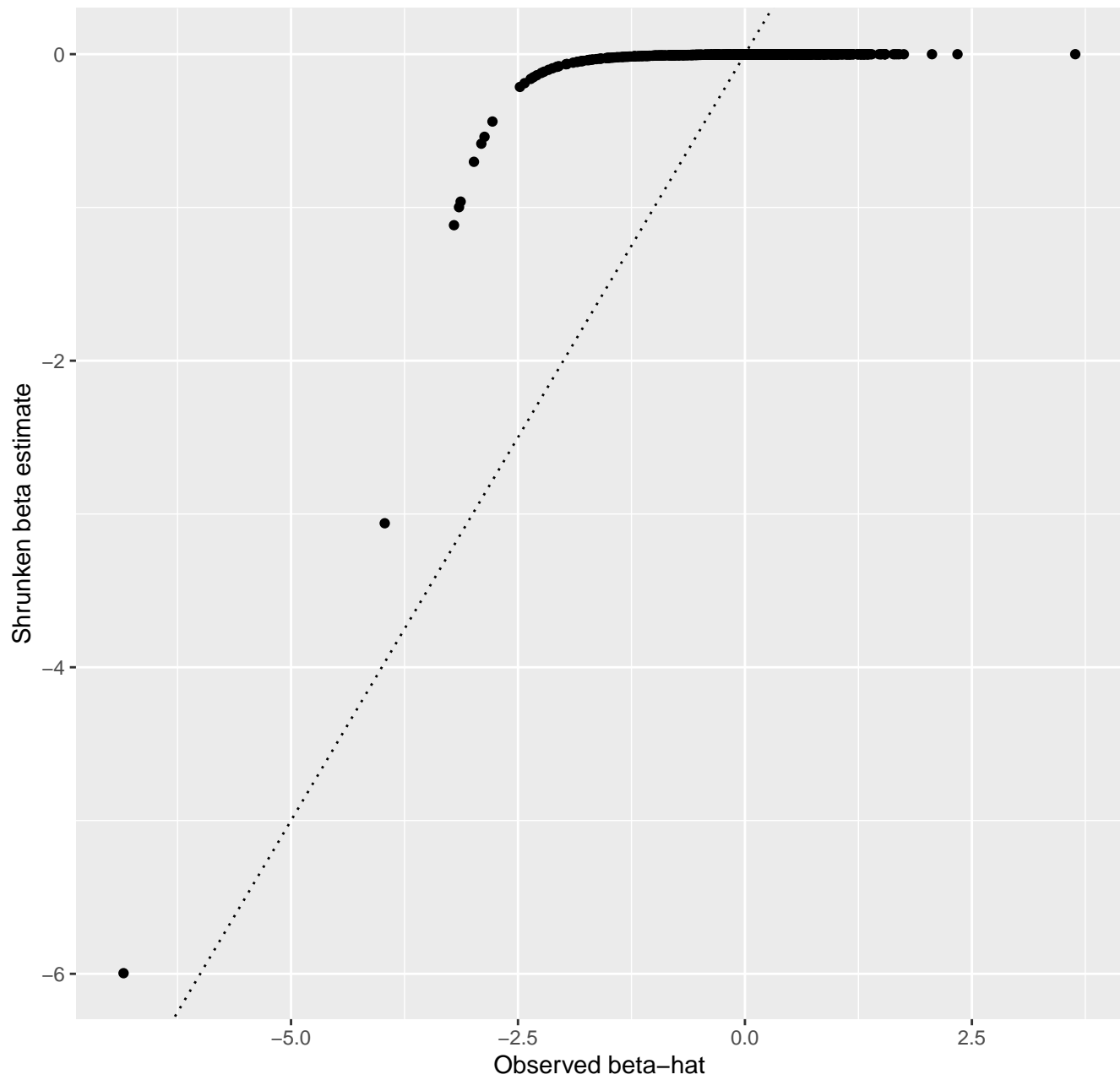
FURIN\_(5045) negative



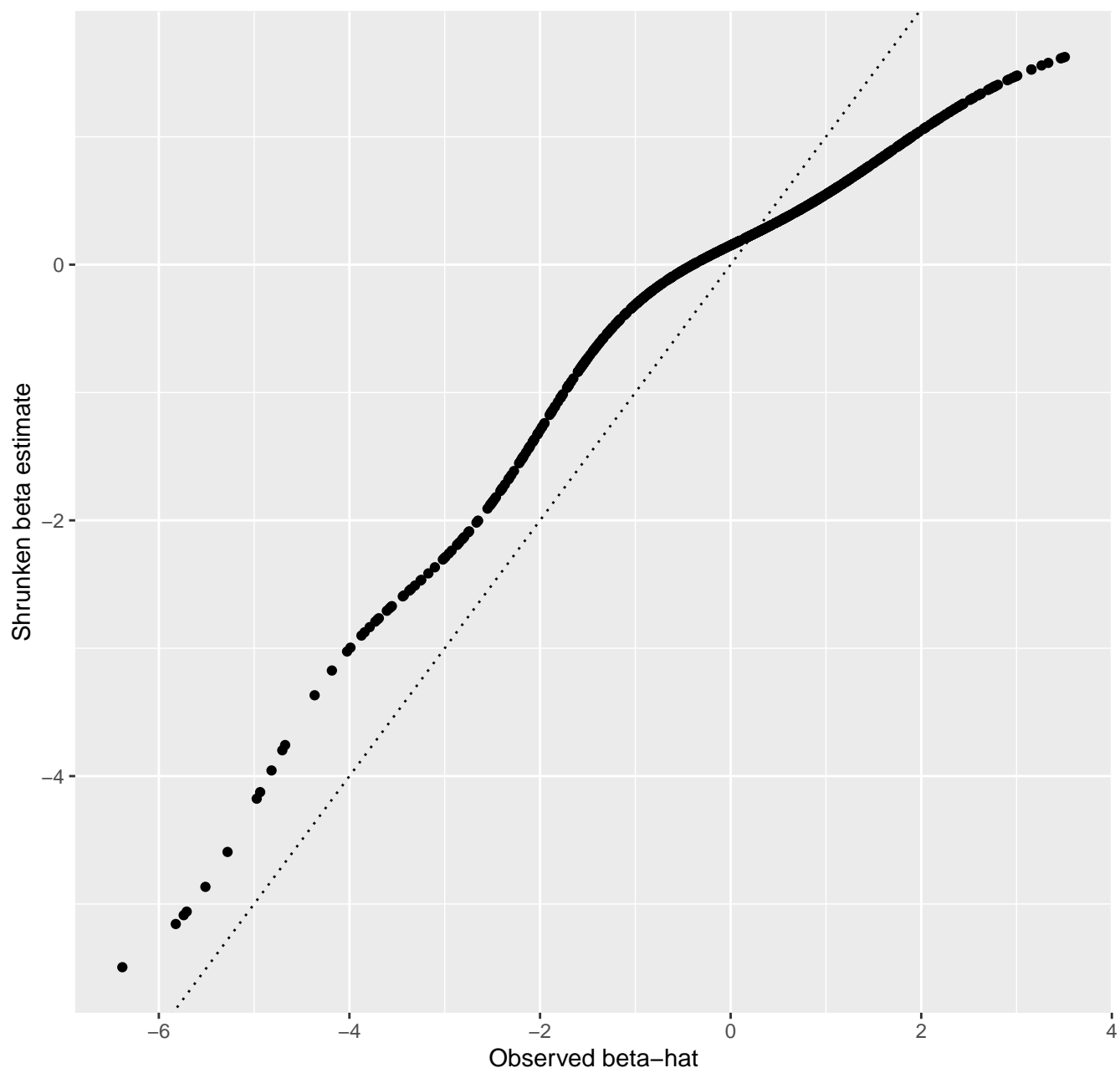
BIRC2\_(329) negative



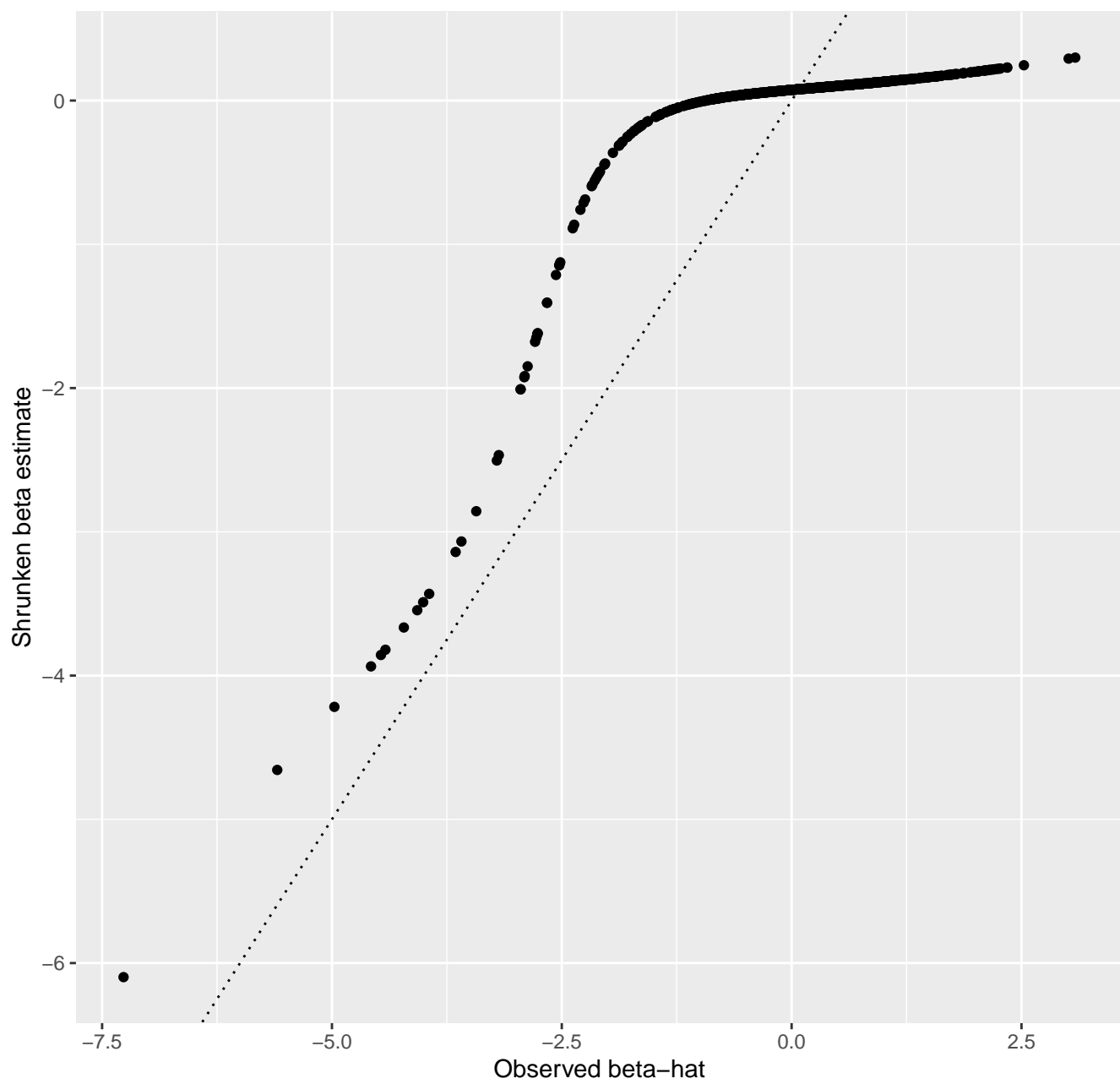
CLMP\_(79827) negative



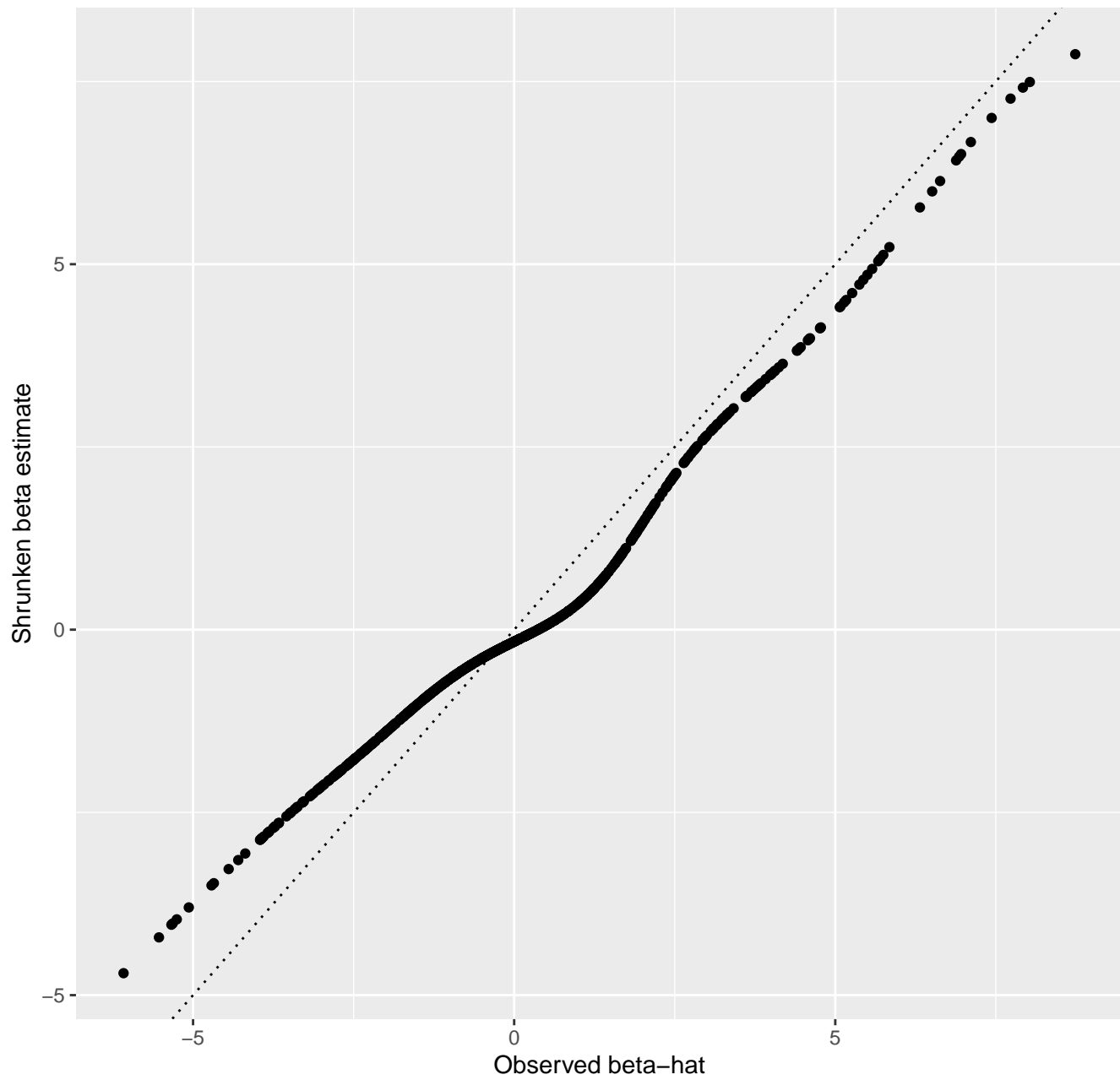
NDUFC1\_(4717) negative



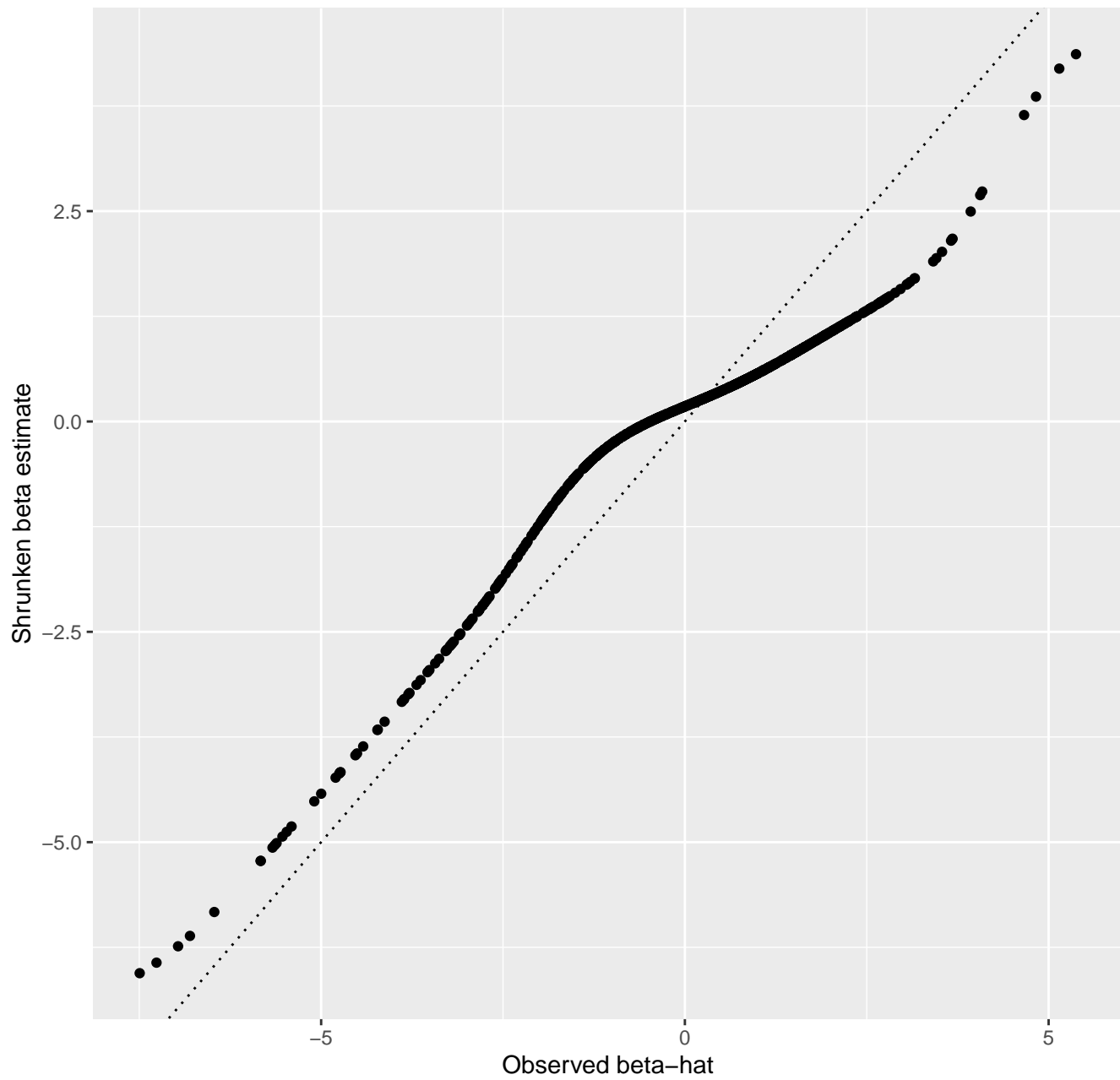
NCDN\_(23154) negative



SMARCB1\_(6598) positive

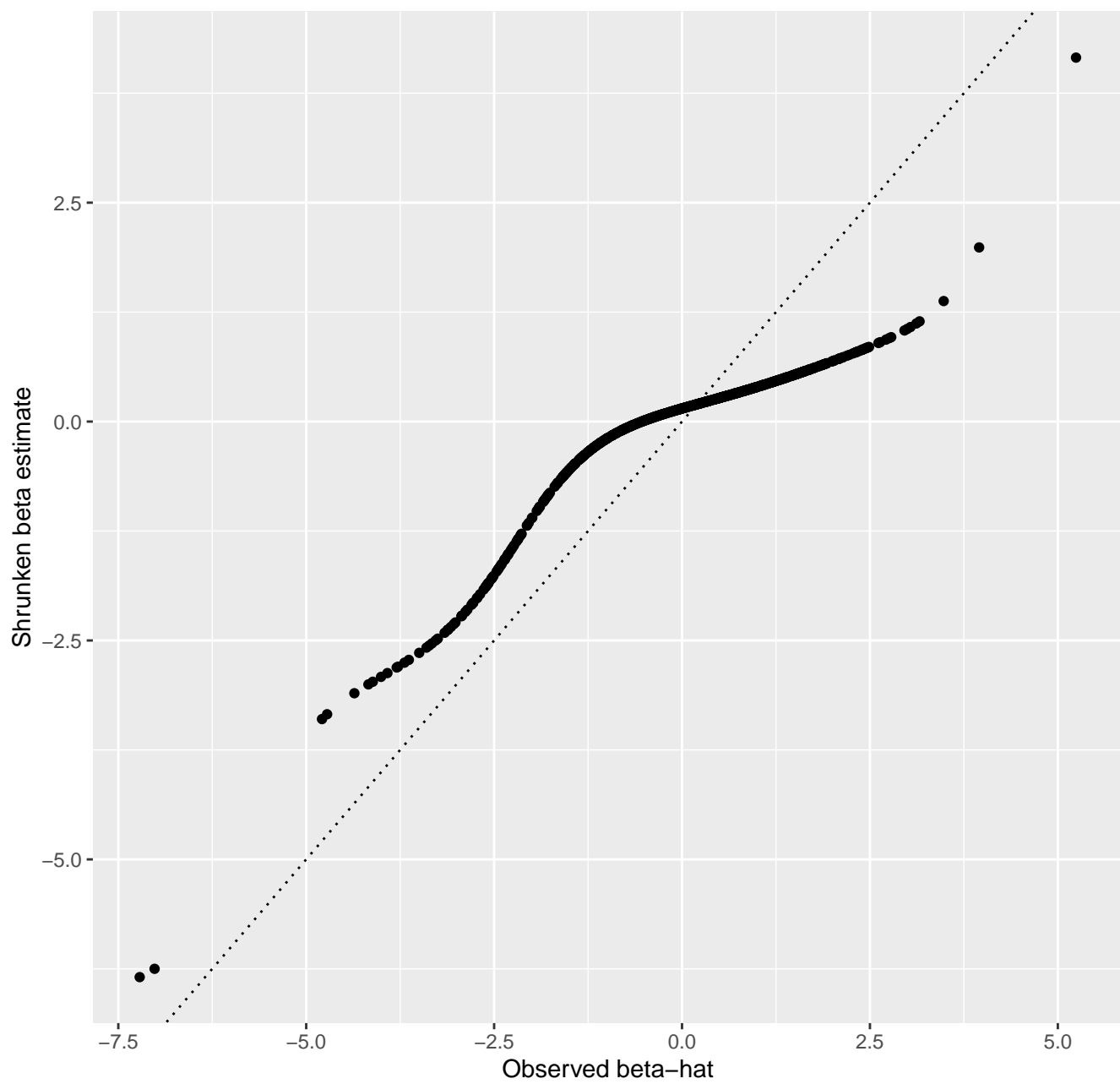


TGIF1\_(7050) negative

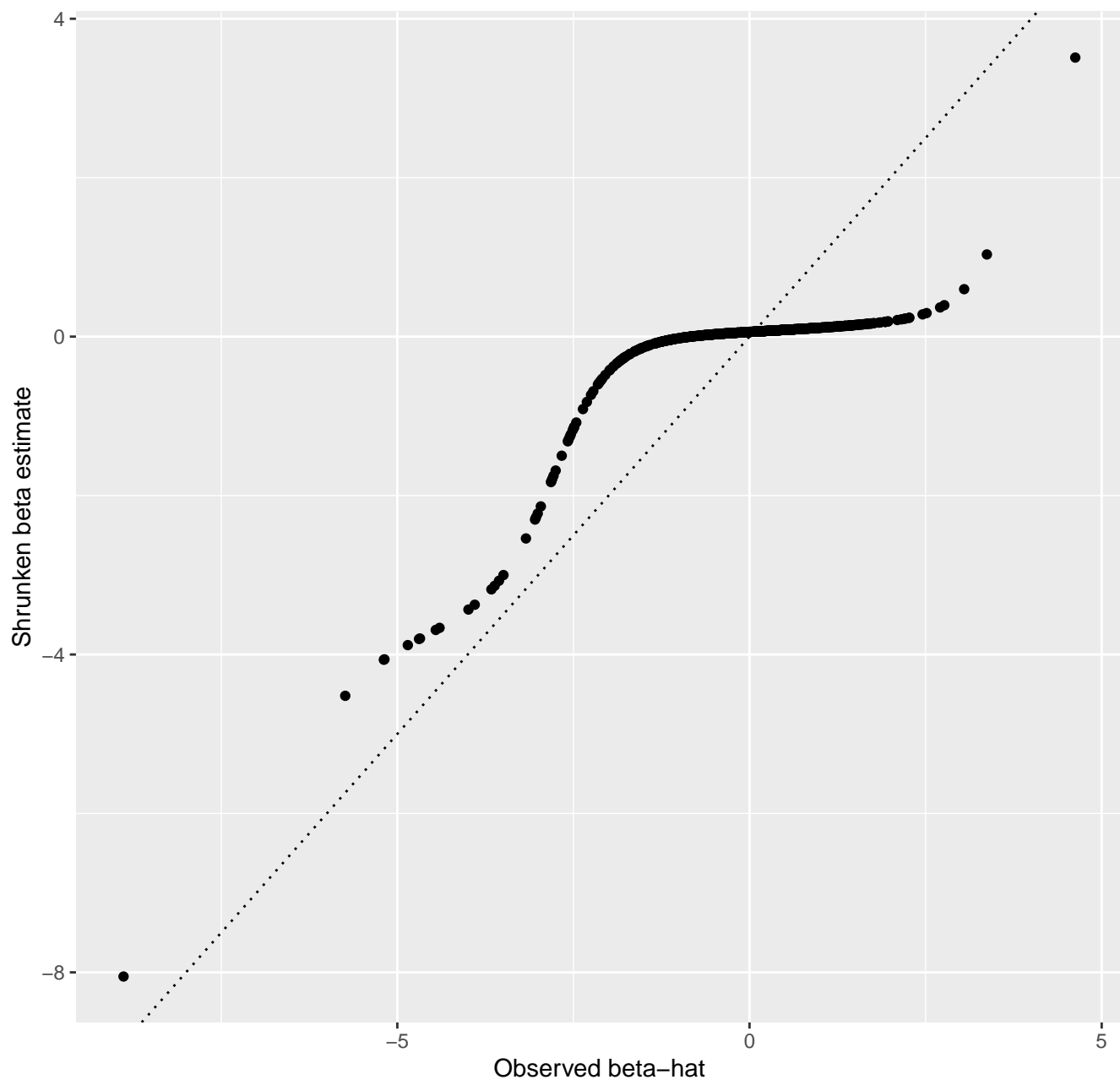




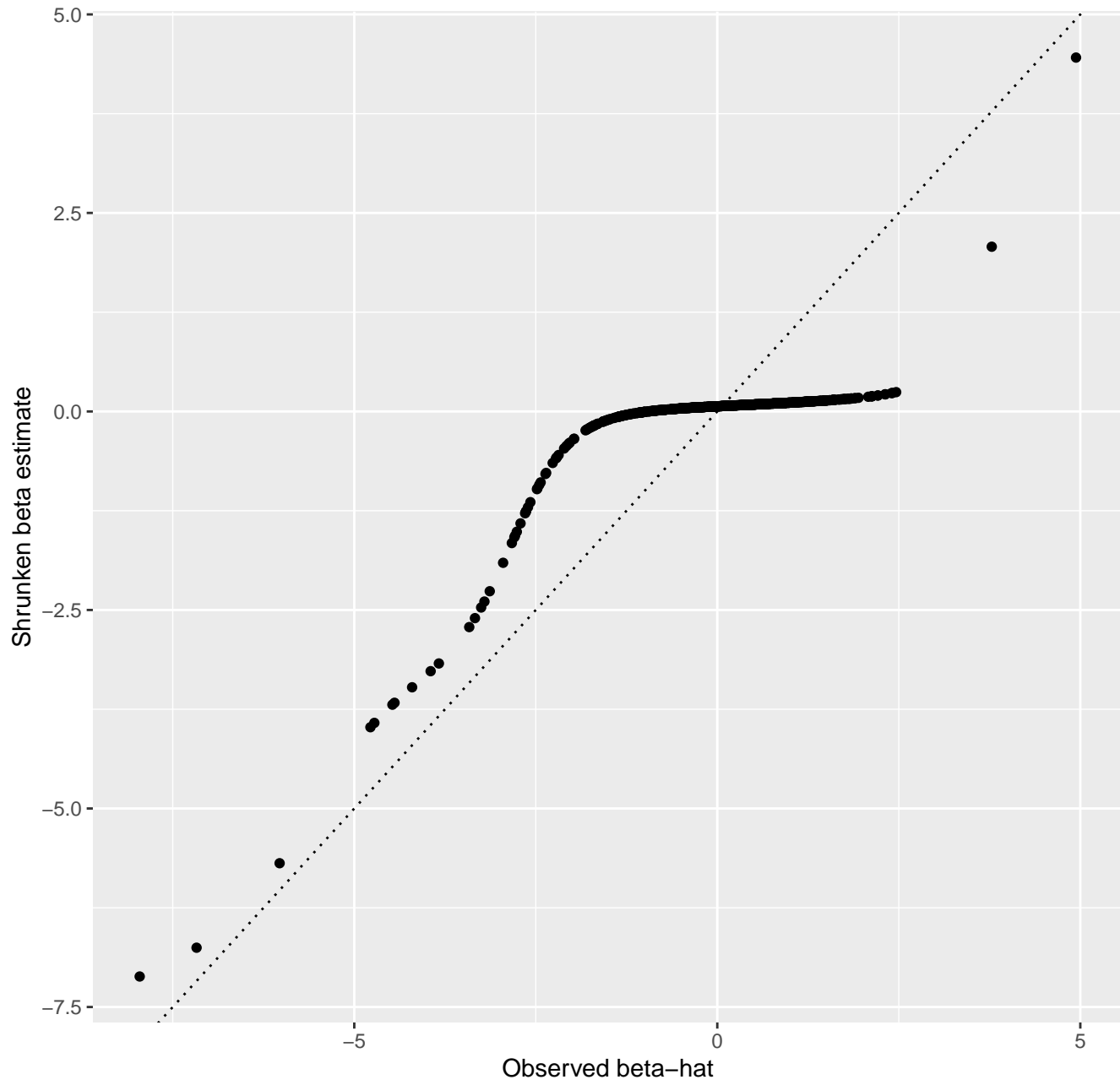
ACTG1\_(71) negative



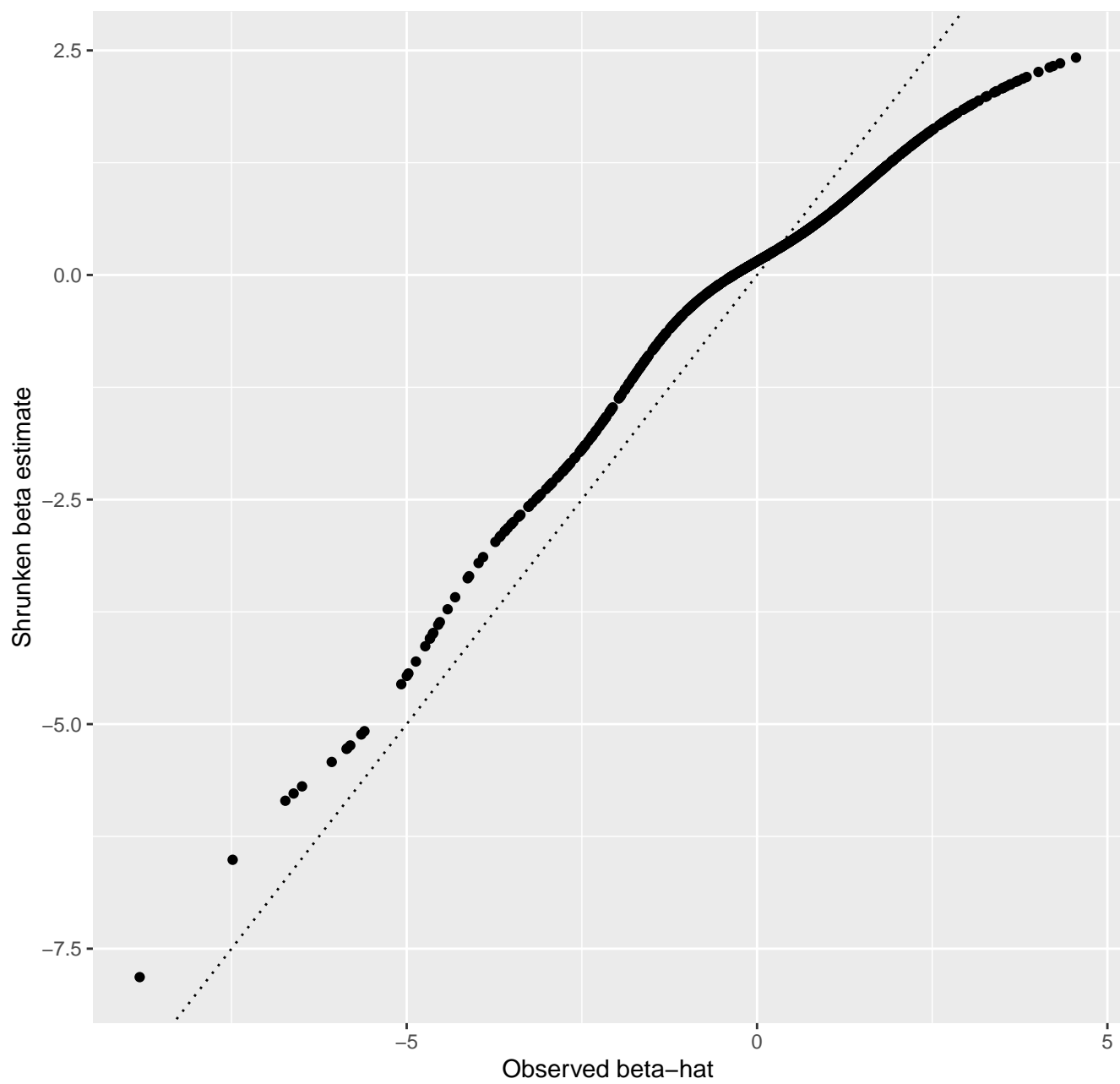
NFIB\_(4781) negative



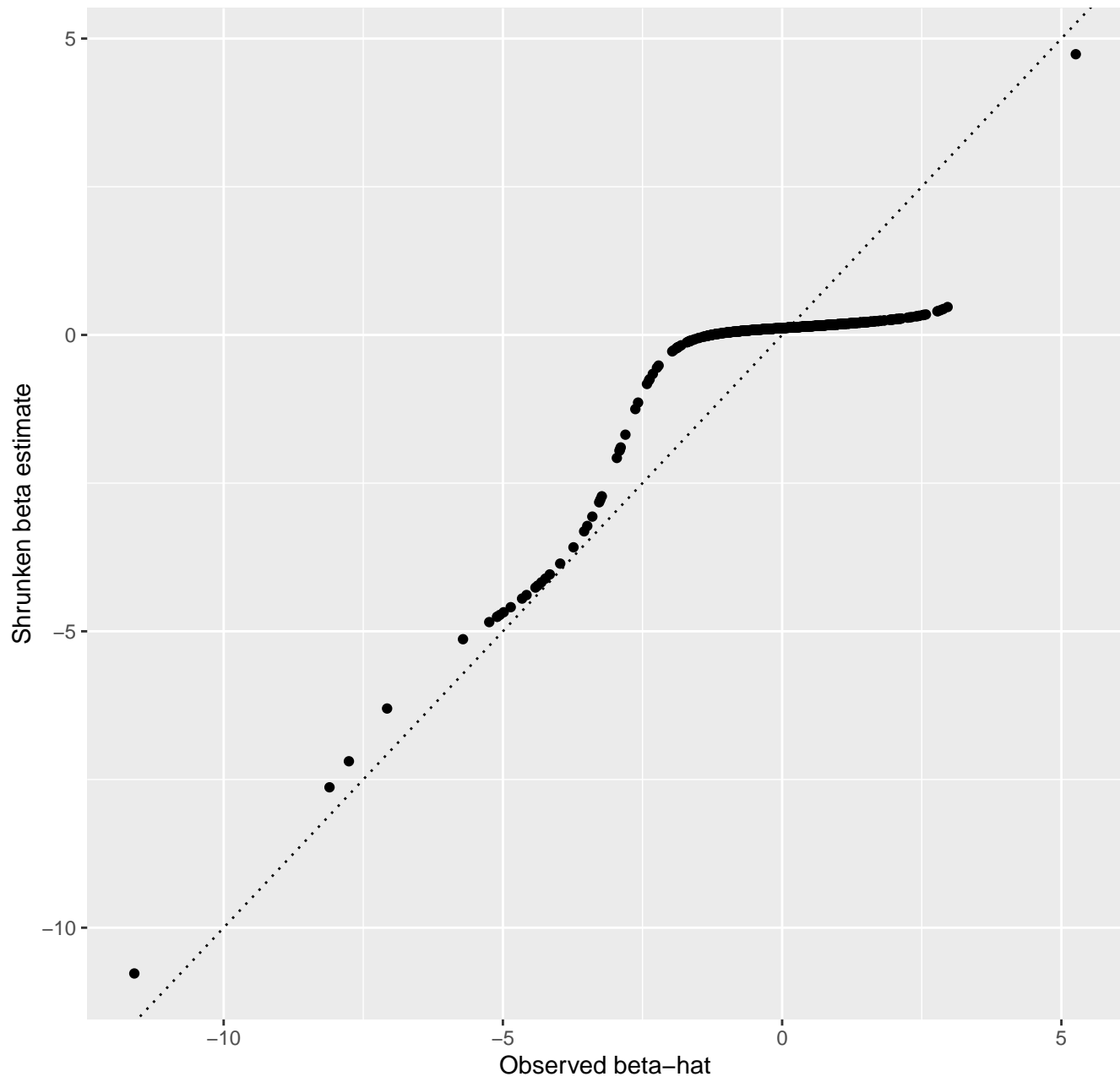
PIK3CD\_(5293) negative



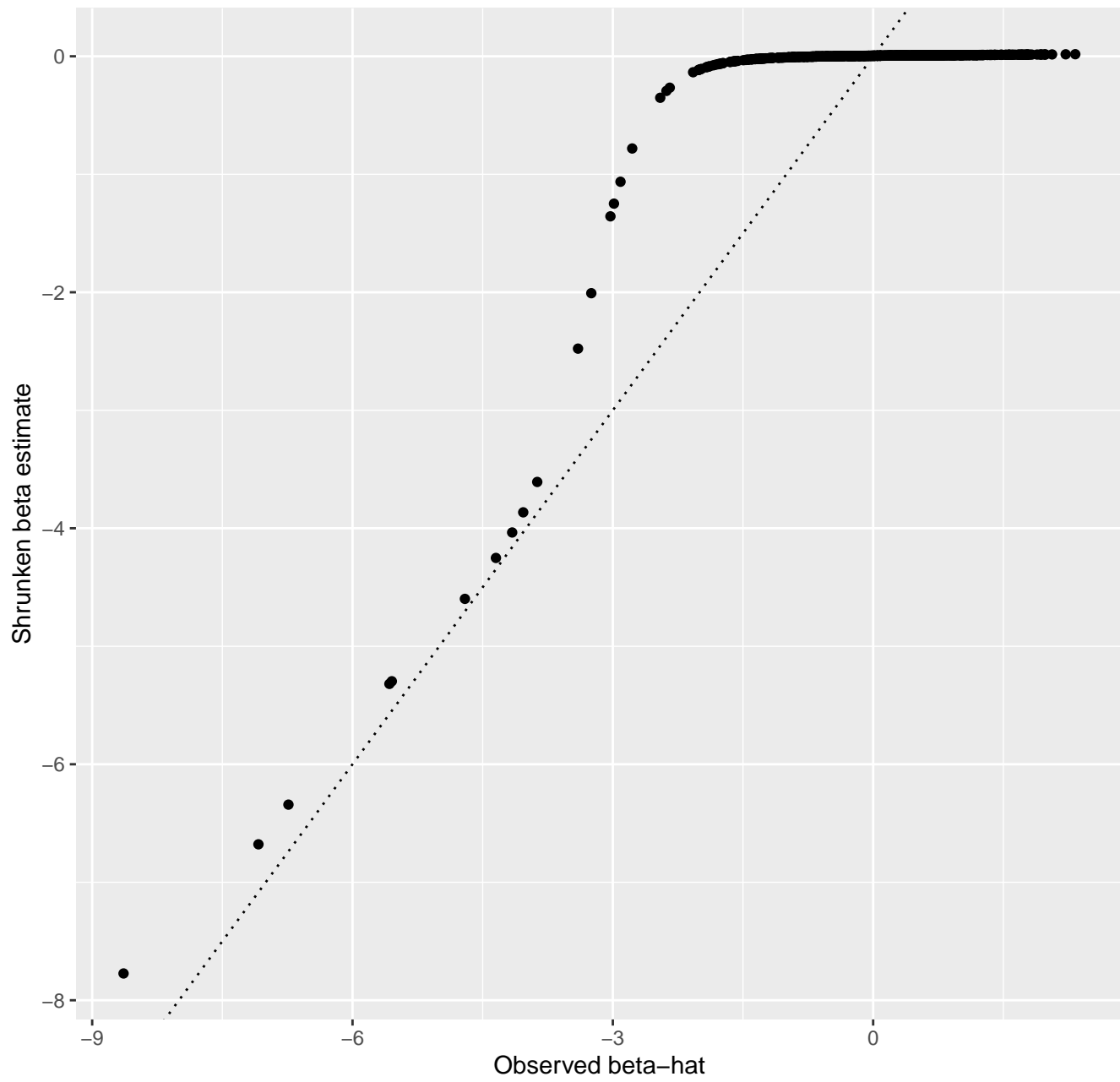
NDUFC2\_(4718) negative



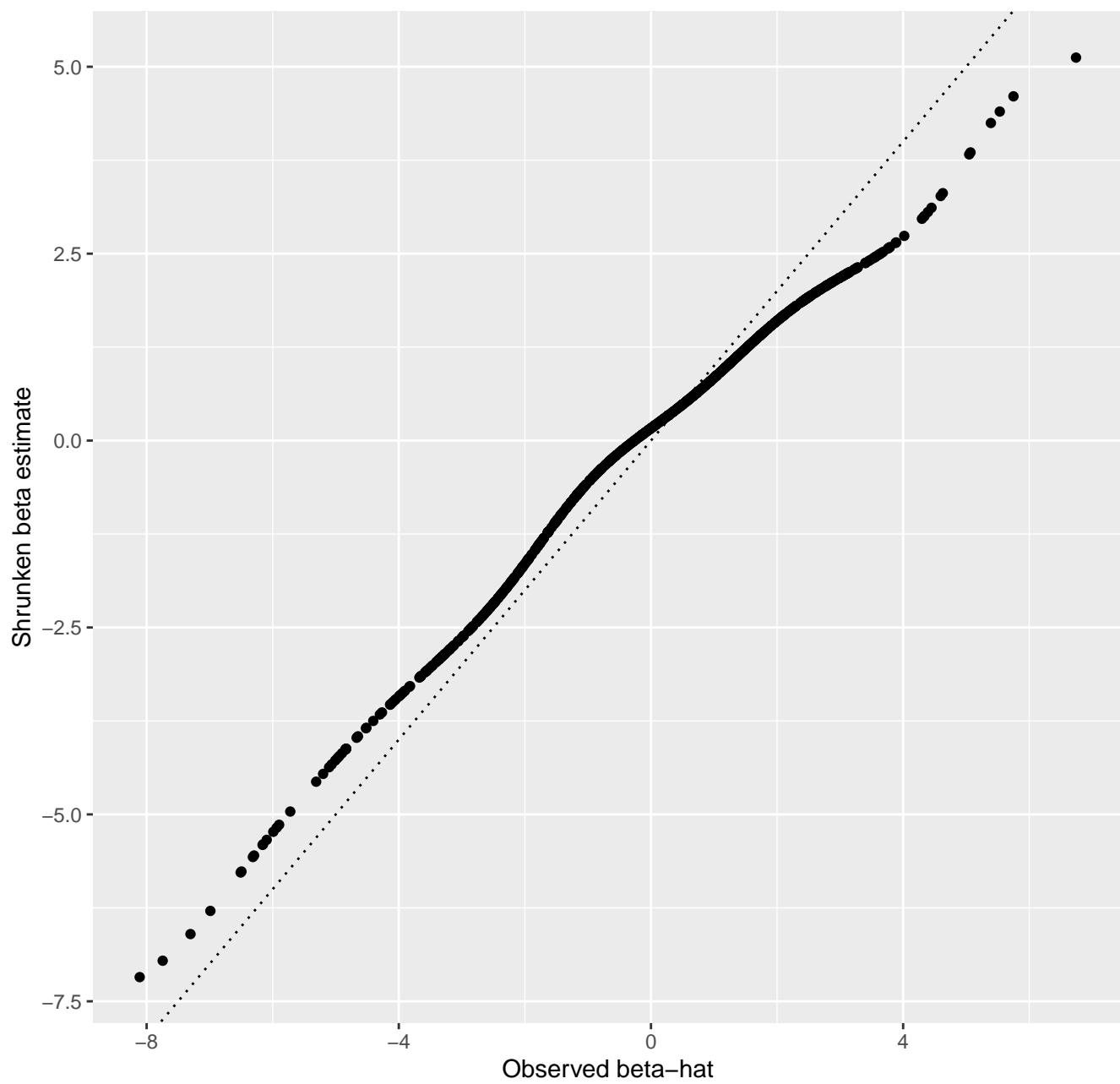
FLI1\_(2313) negative



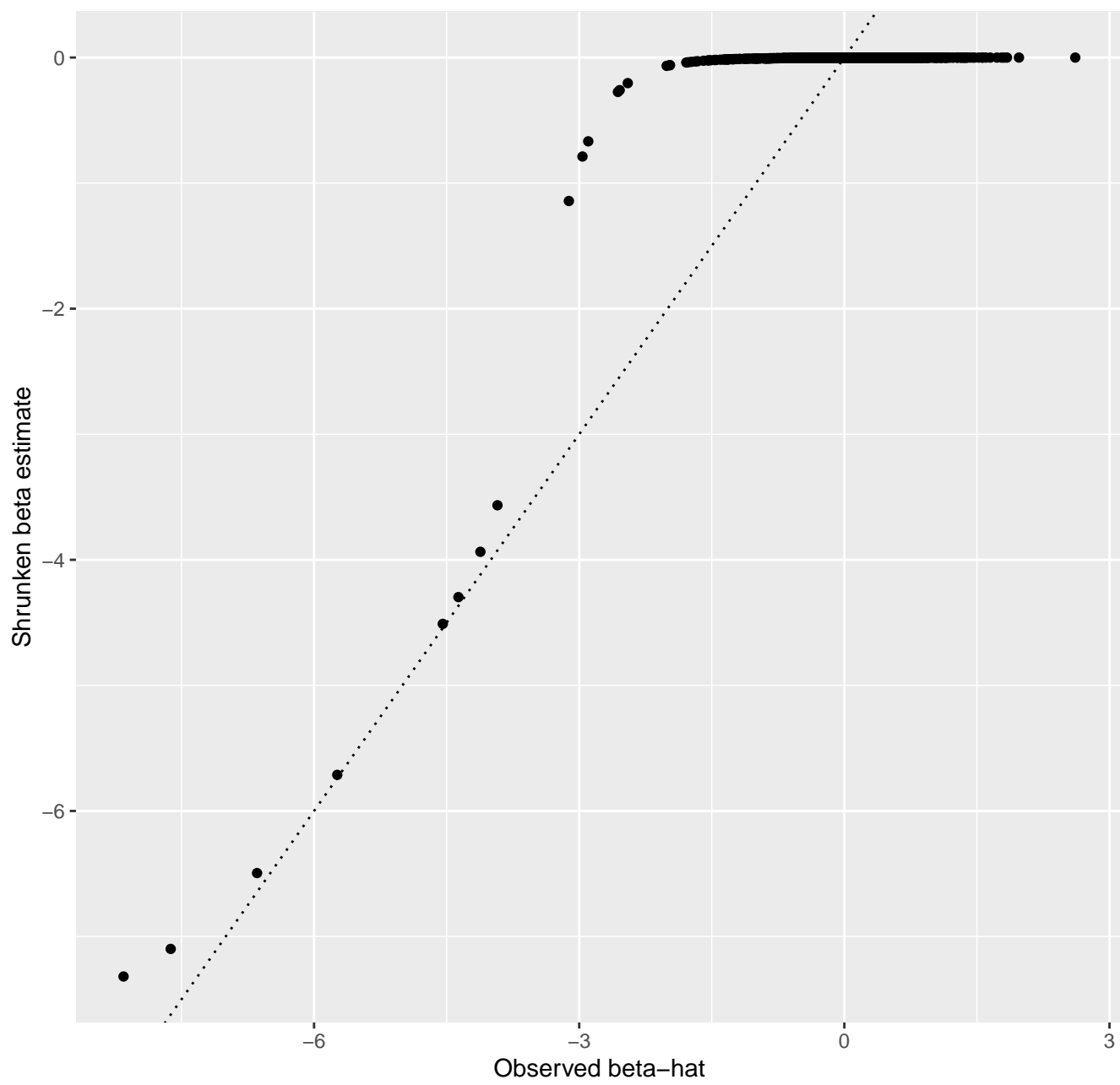
ATP6V0A2\_(23545) negative



KCTD10\_(83892) positive

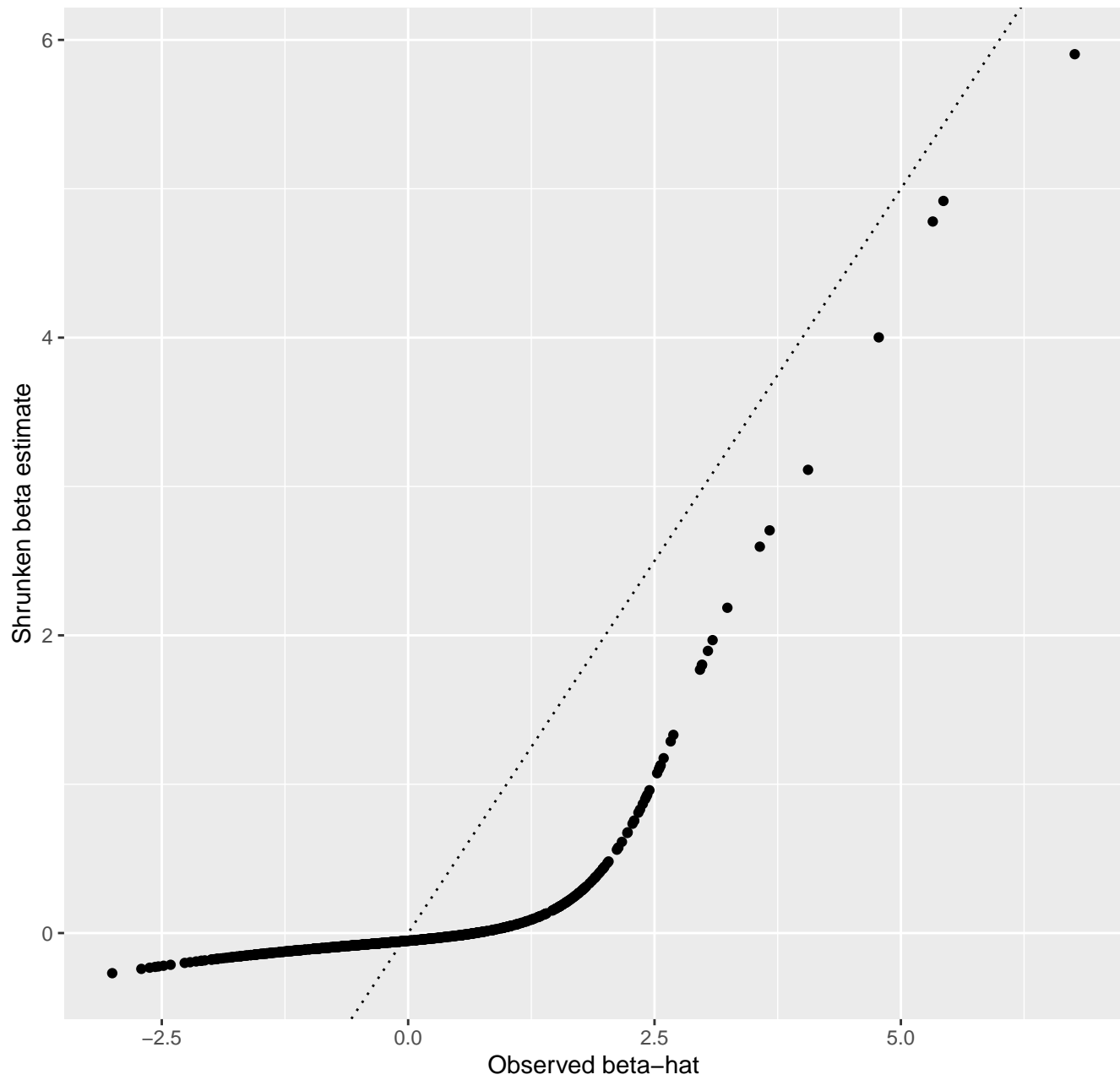


BATF3\_(55509) negative

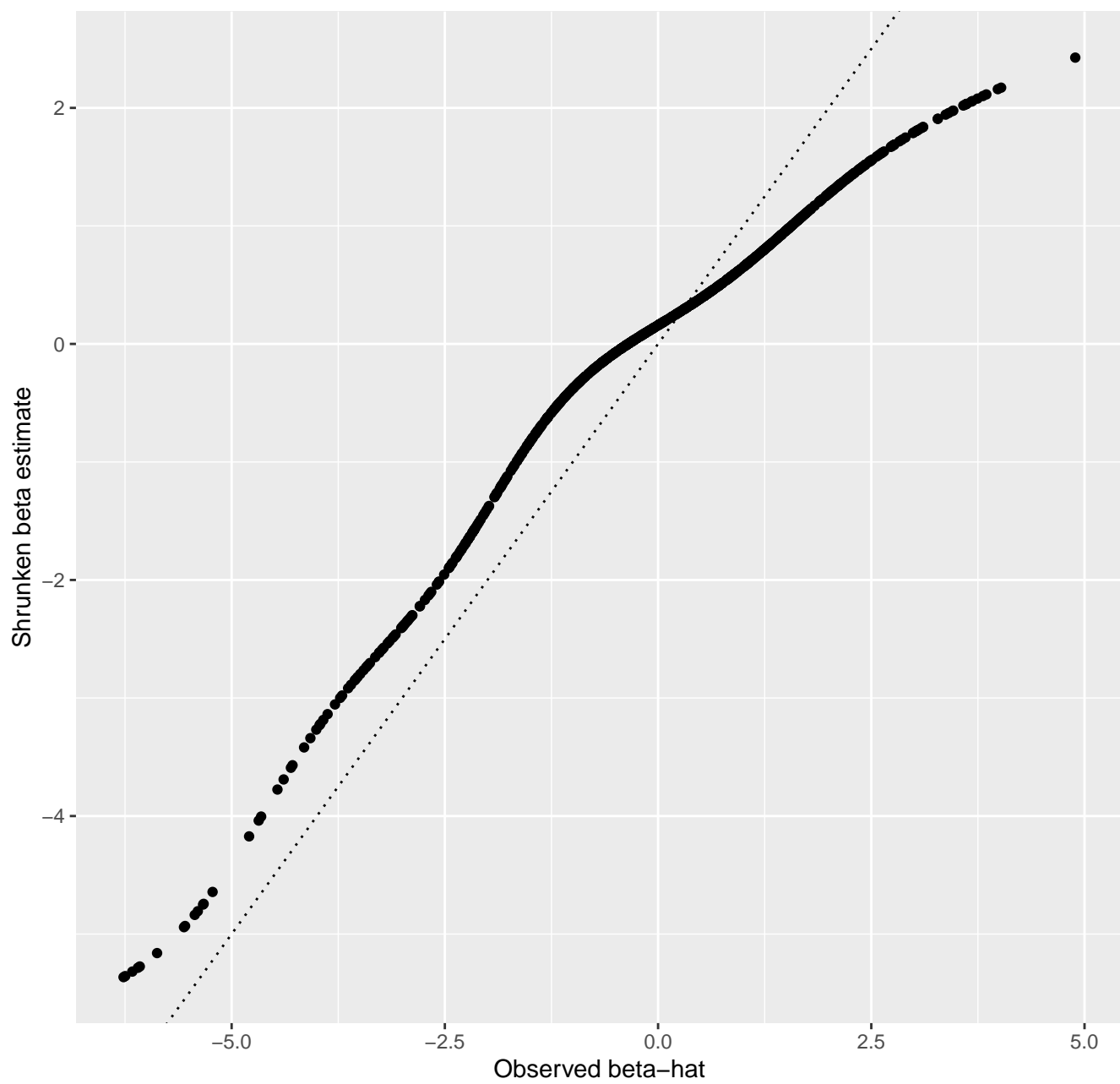




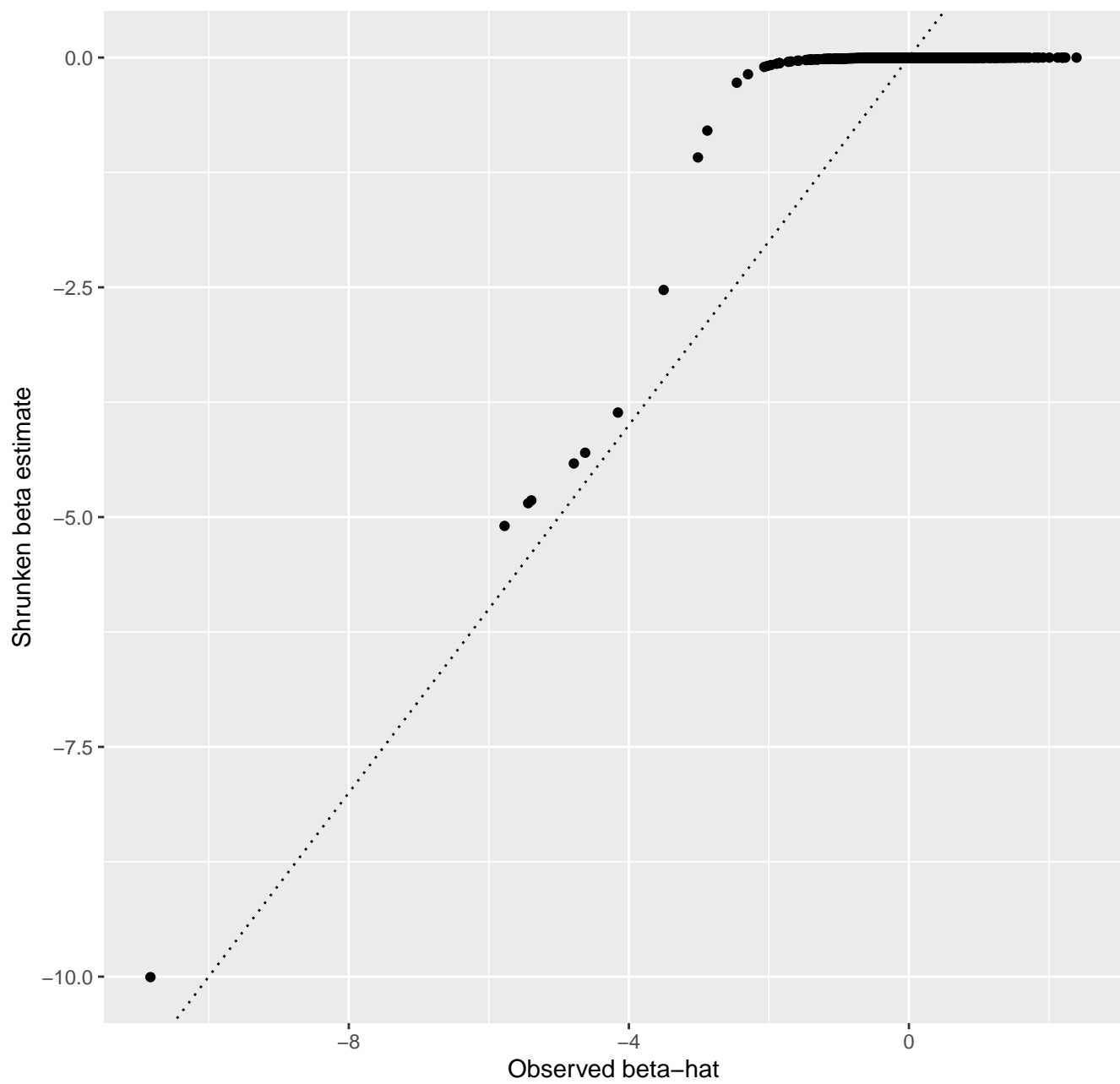
DAPK3\_(1613) positive



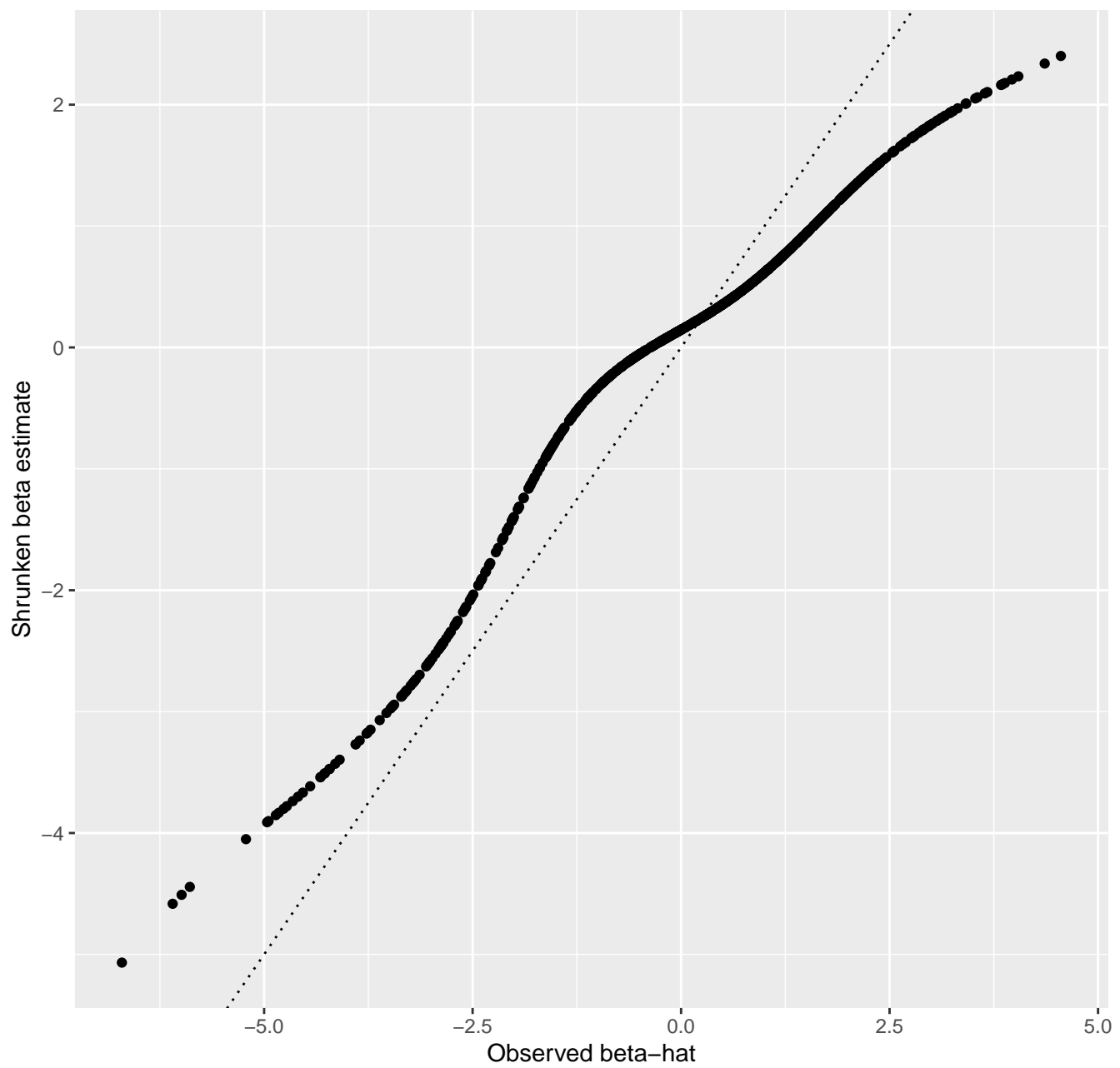
NDUFS8\_(4728) negative



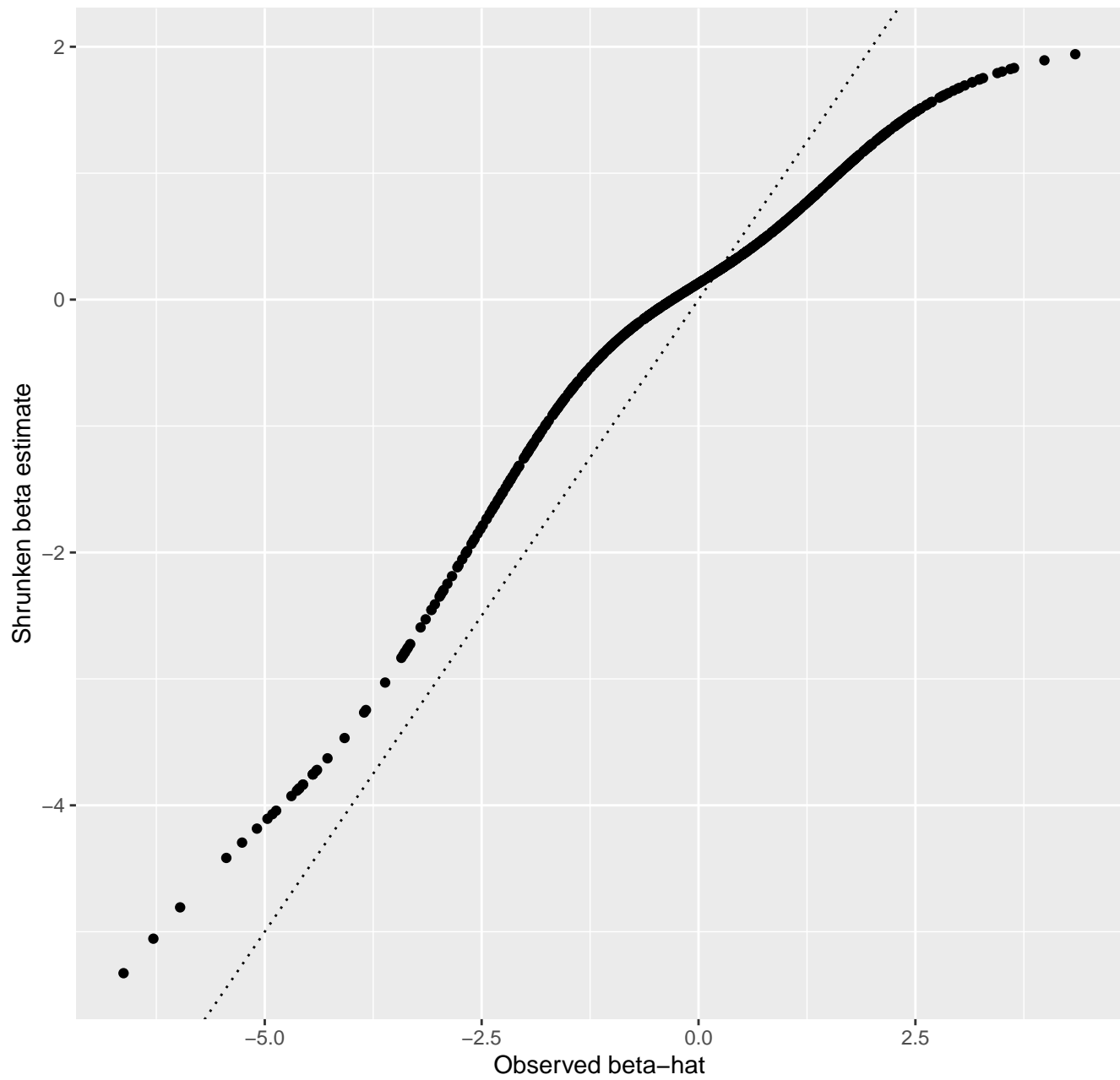
MEF2B\_(100271849) negative



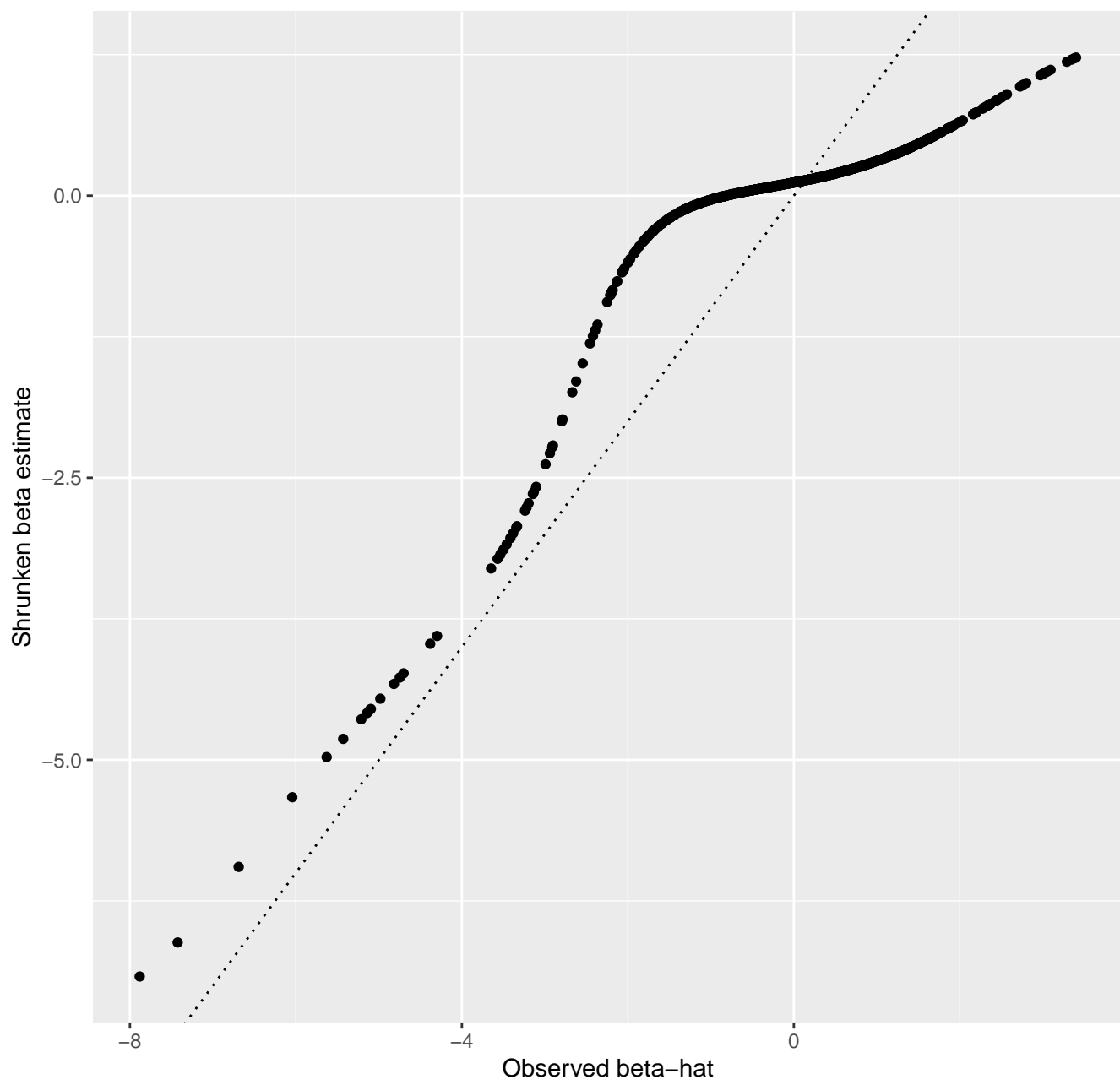
NDUFV2\_(4729) negative



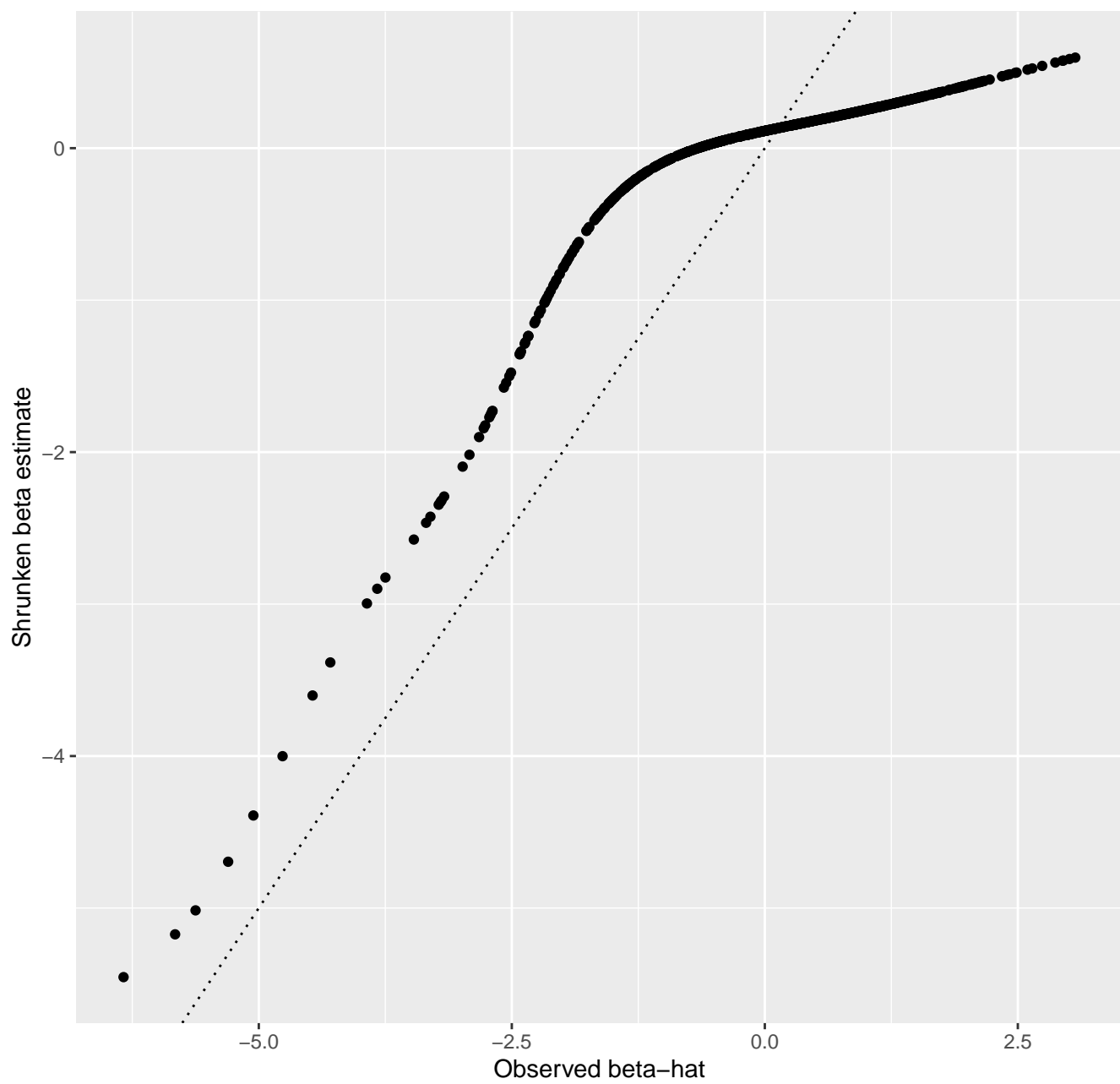
VMA21\_(203547) negative



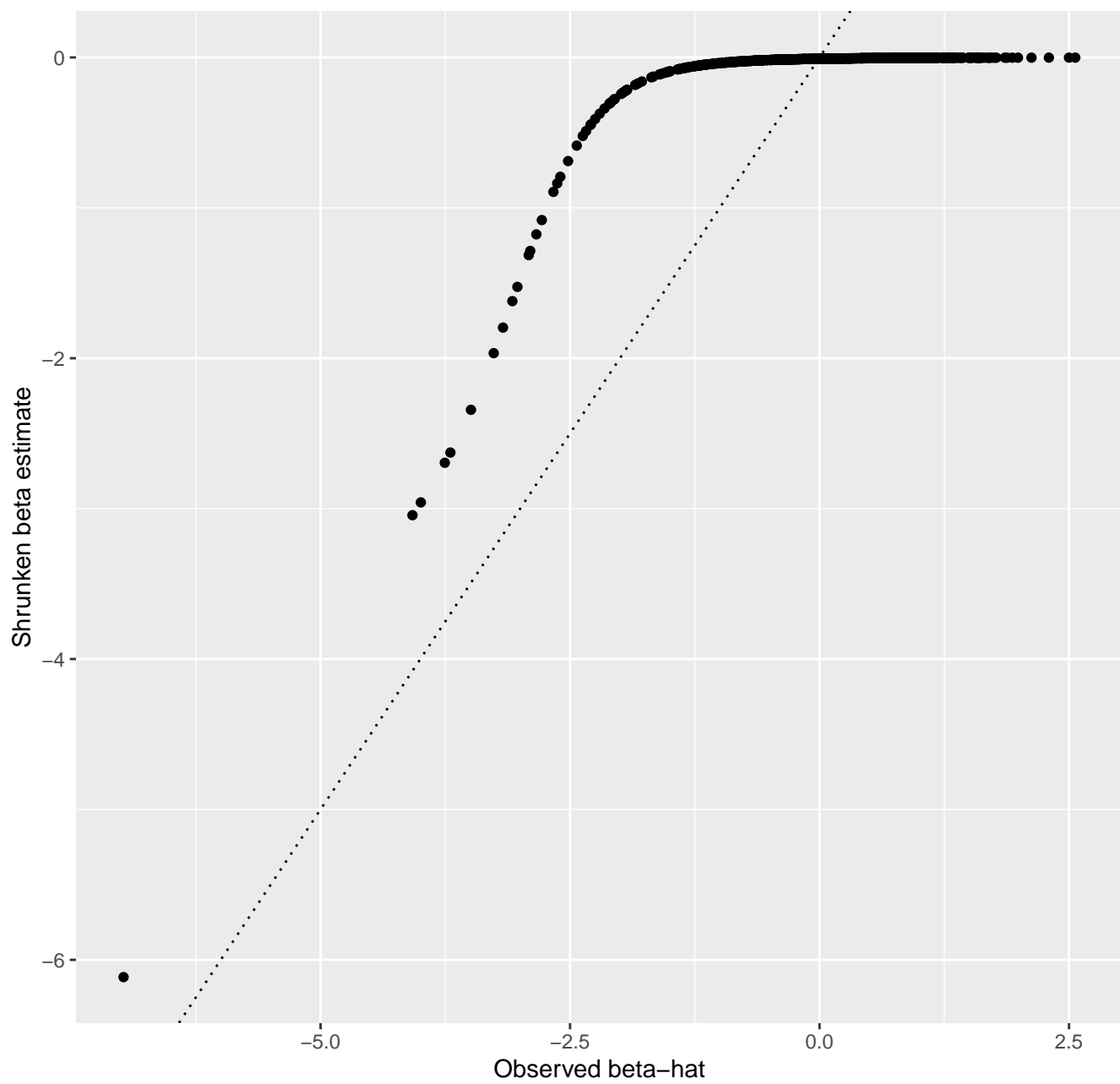
ALAD\_(210) negative



ATPAF2\_(91647) negative

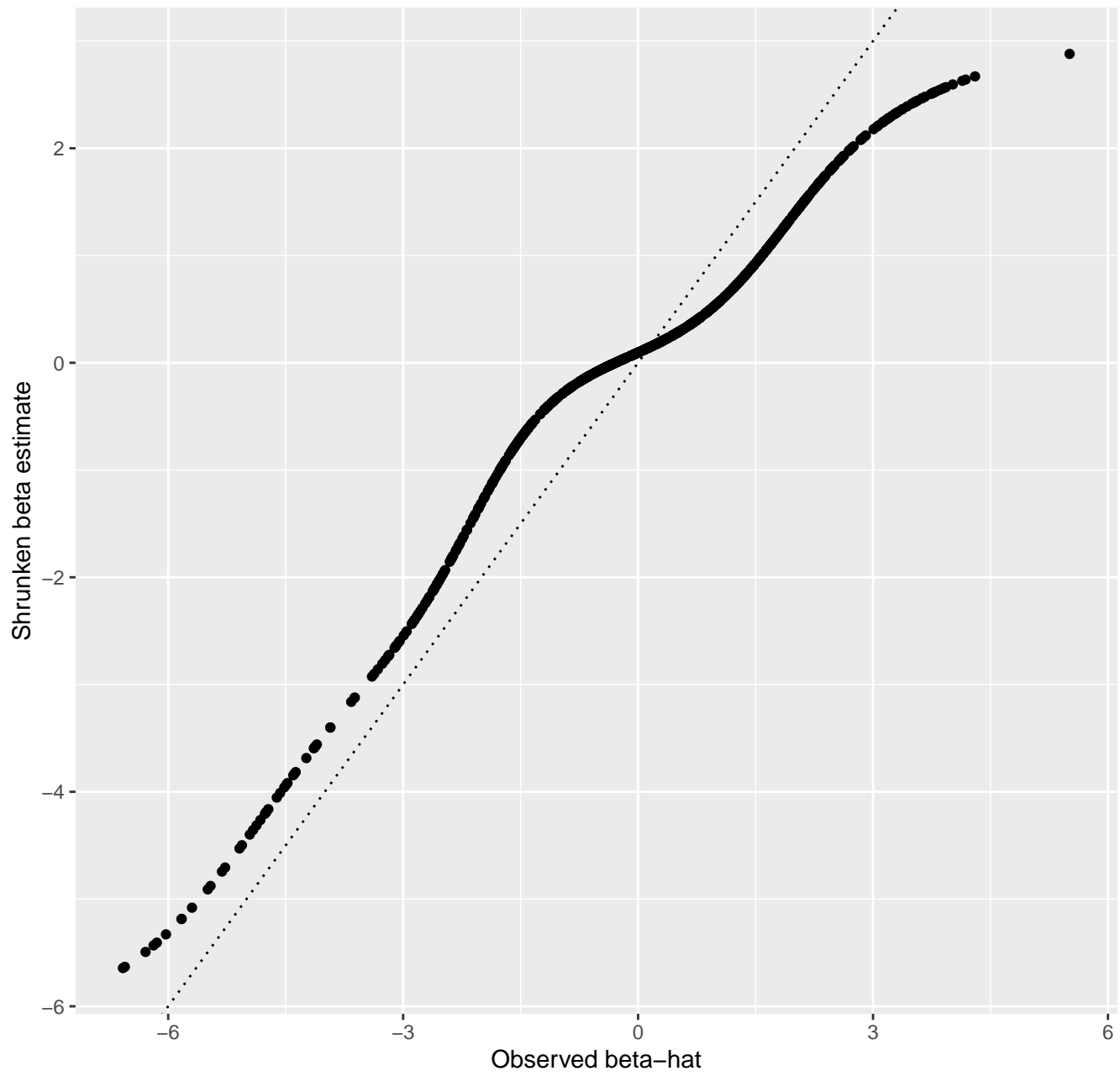


PDXK\_(8566) negative

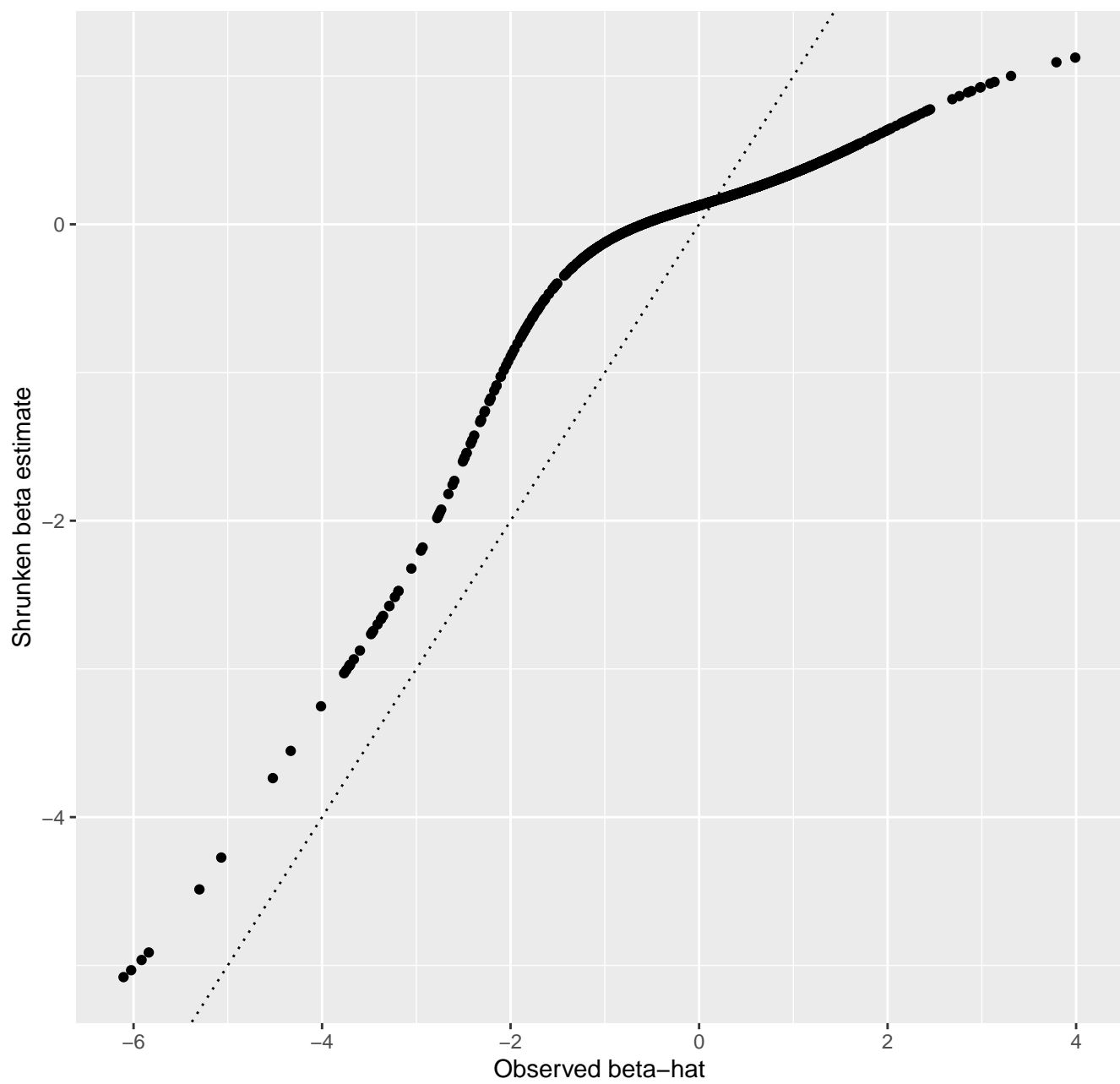




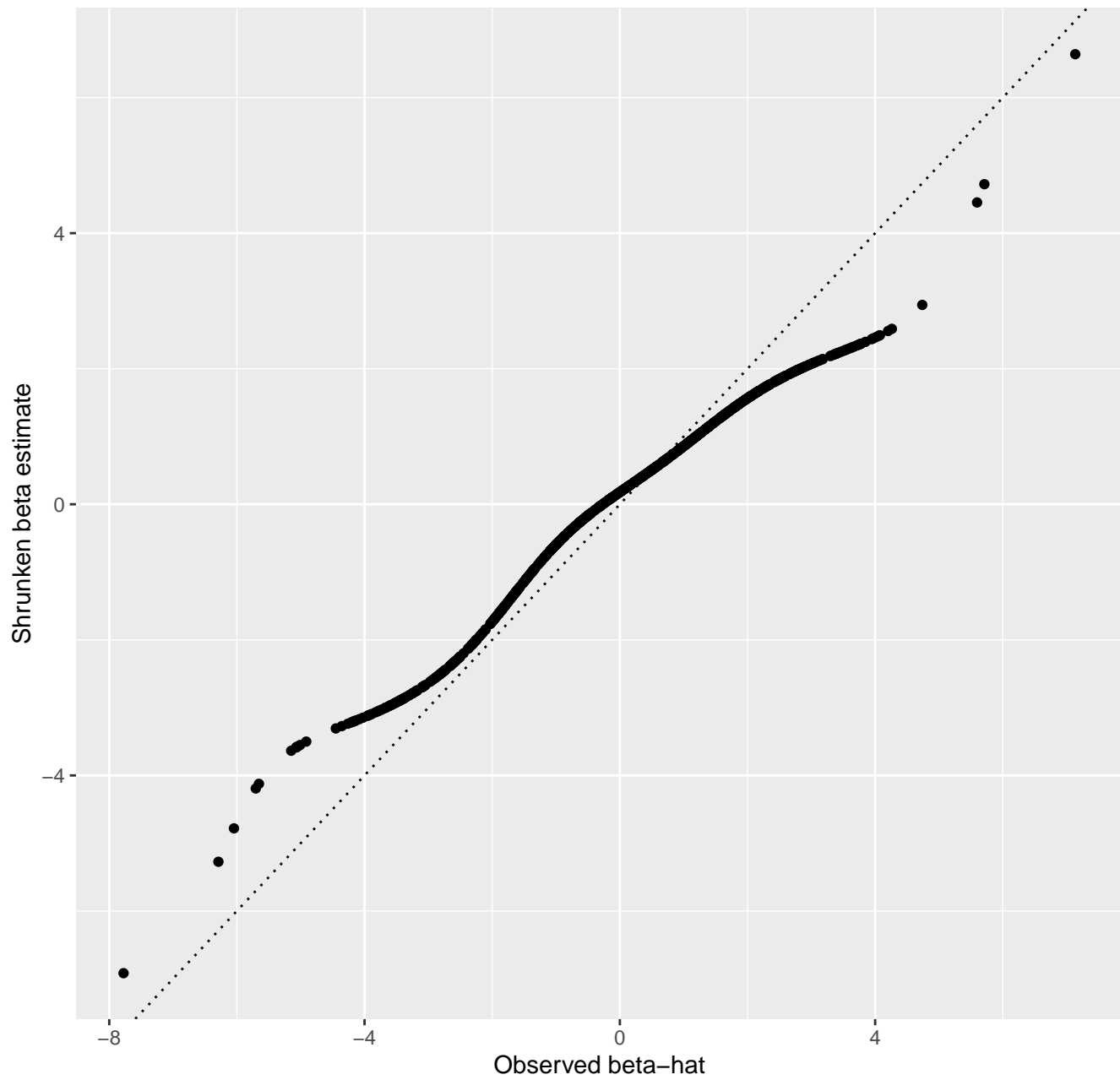
NDUFS1\_(4719) negative



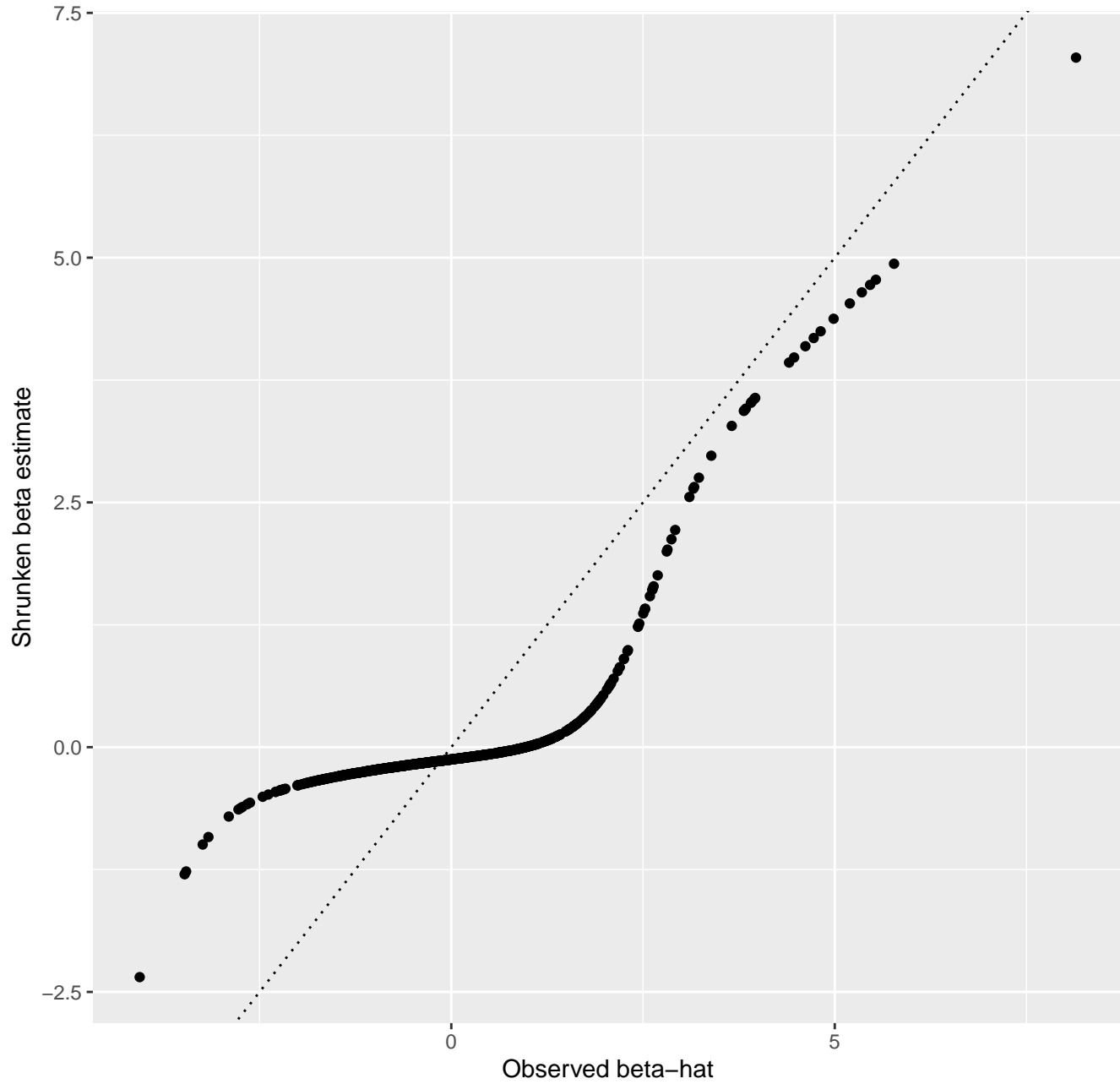
ZNF638\_(27332) negative



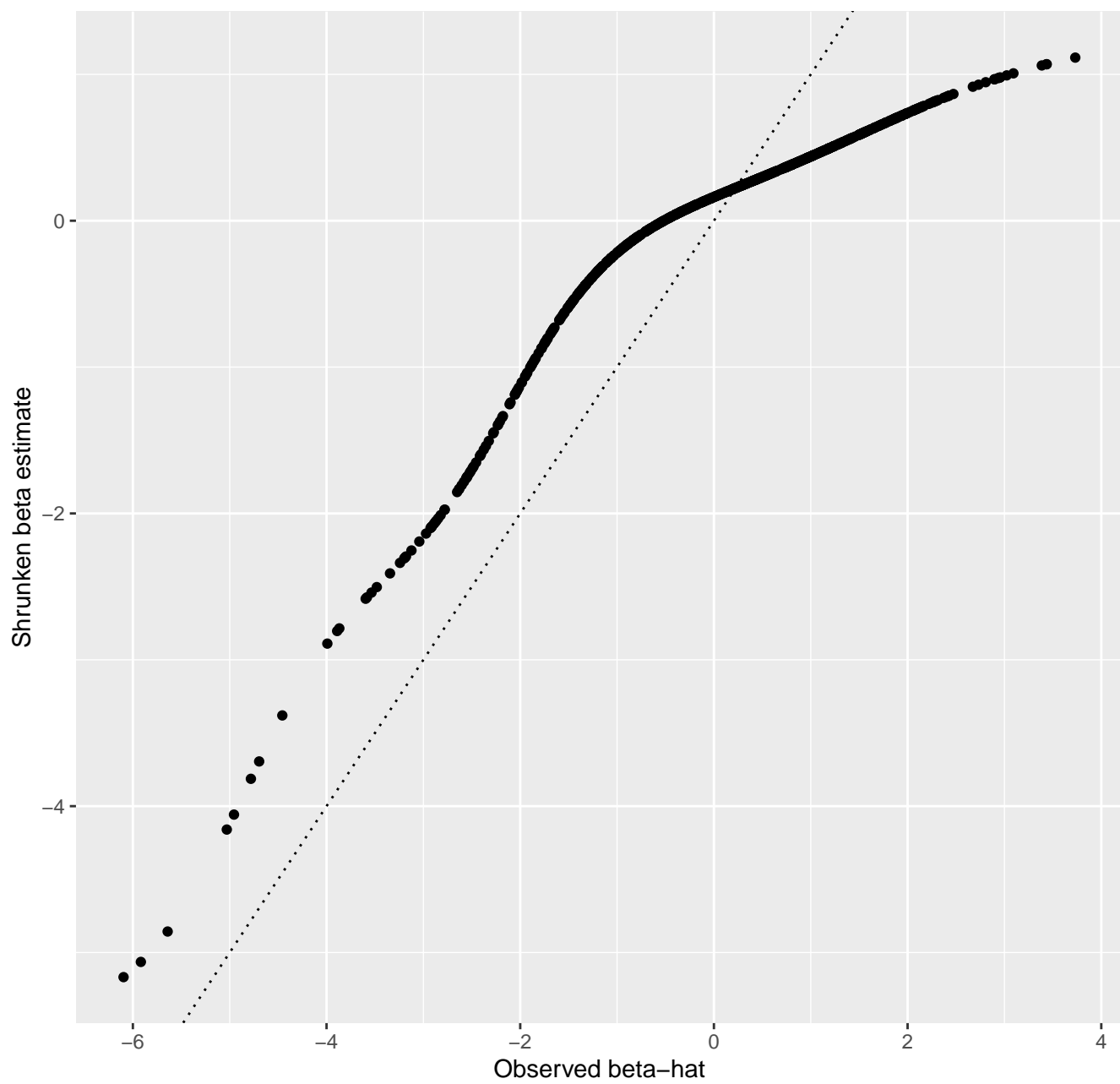
ADSS\_(159) negative



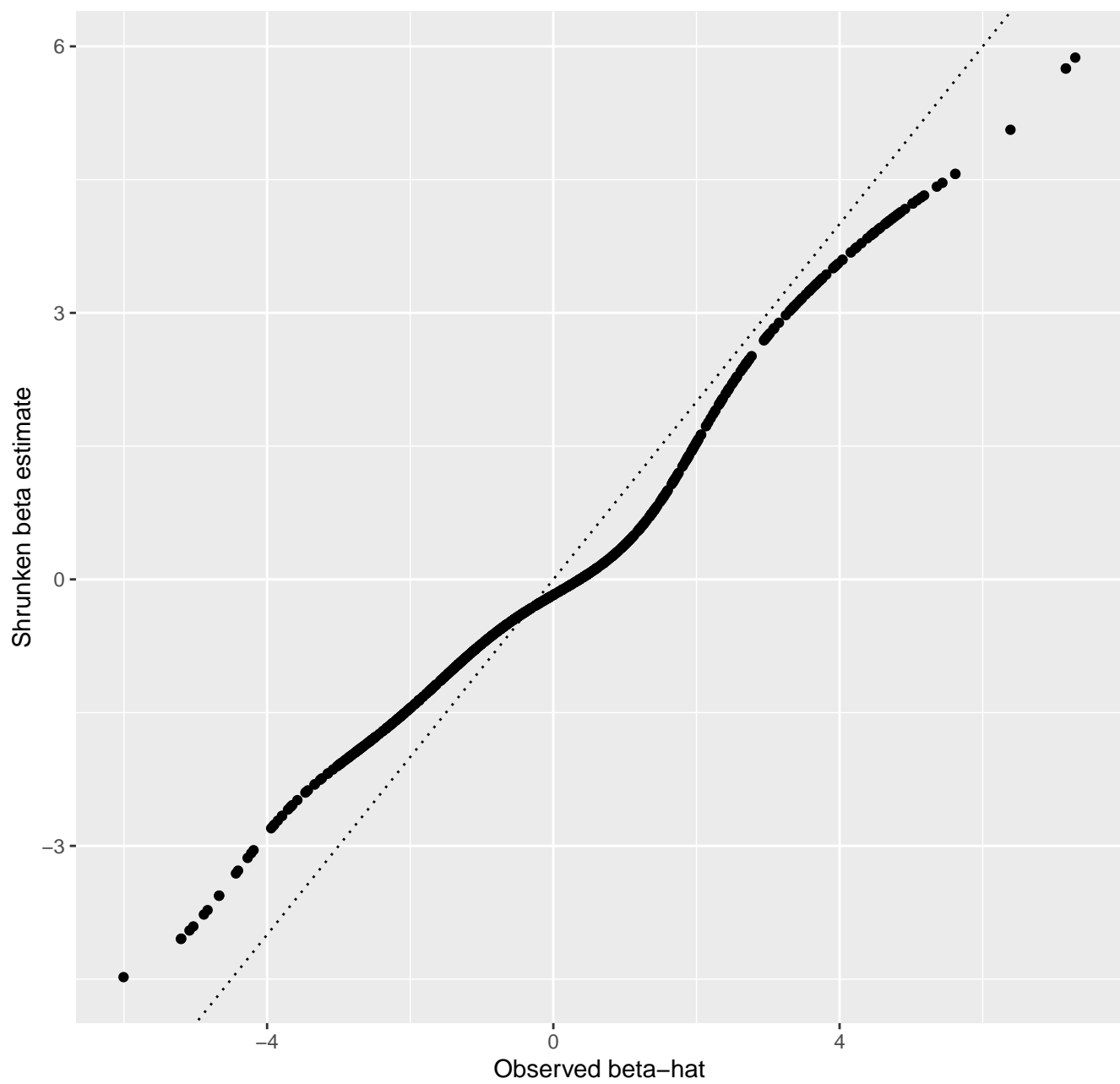
USP28\_(57646) positive



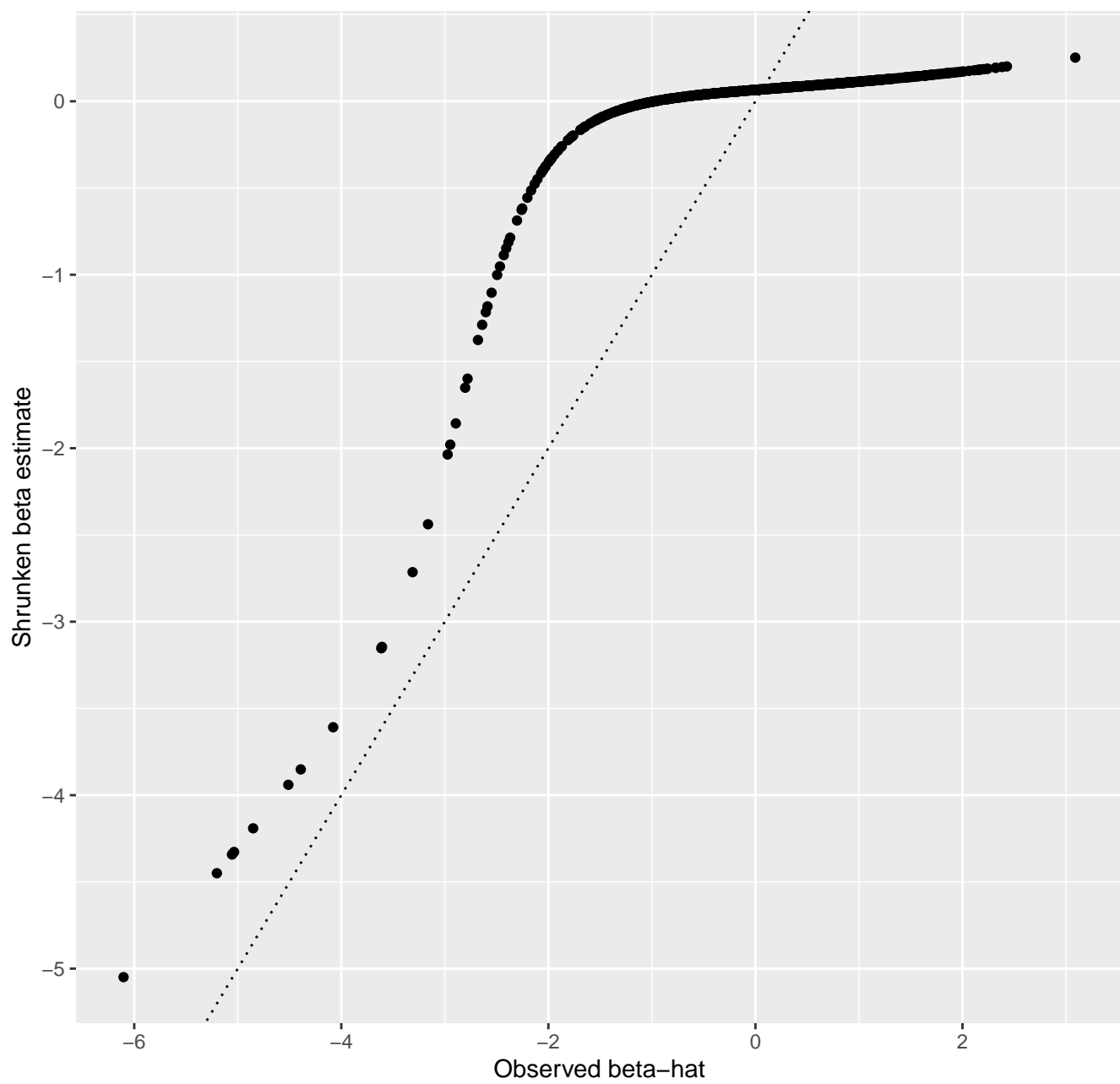
NUPL2\_(11097) negative



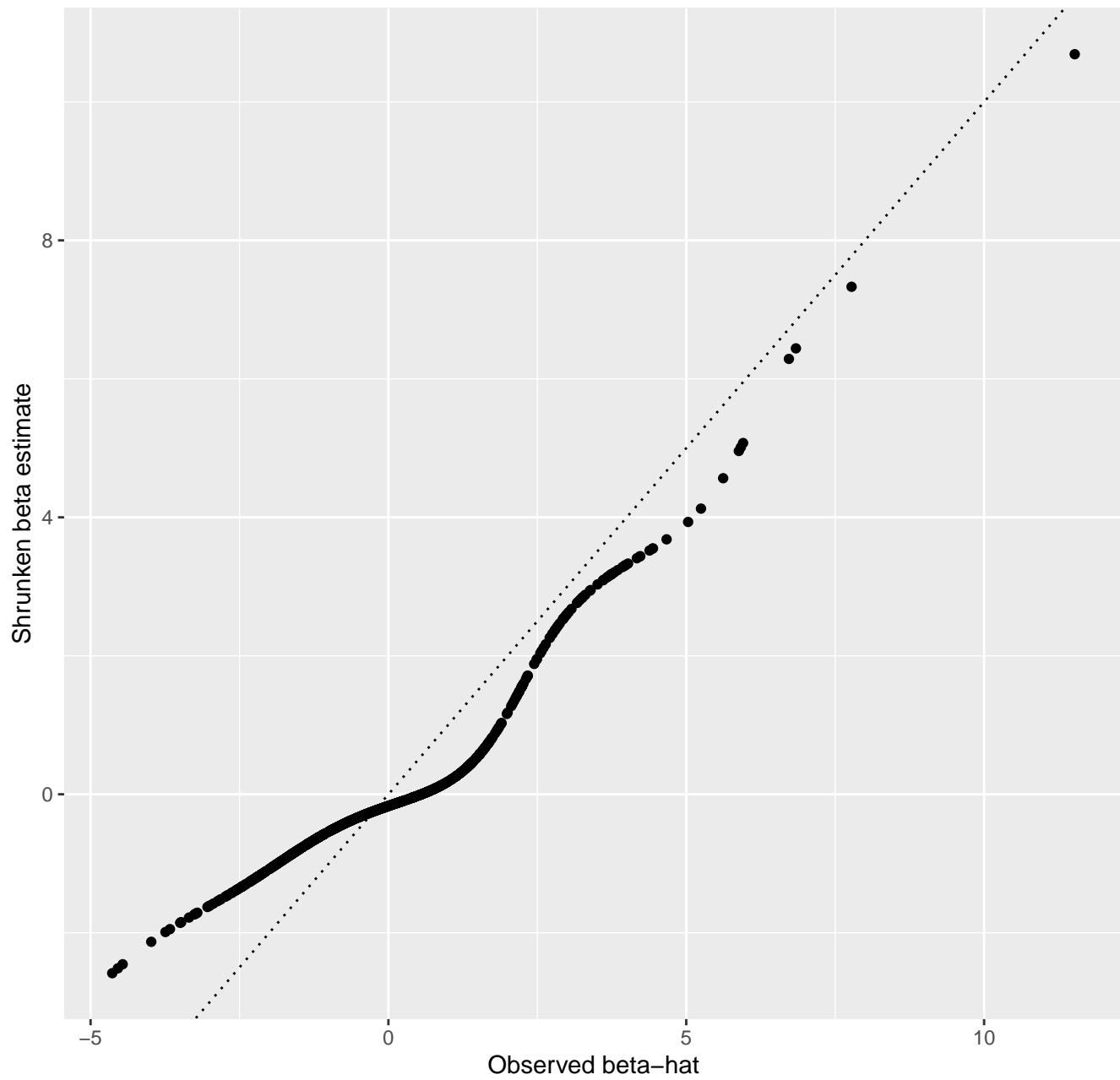
MBTPS1\_(8720) positive



UBE2Z\_(65264) negative

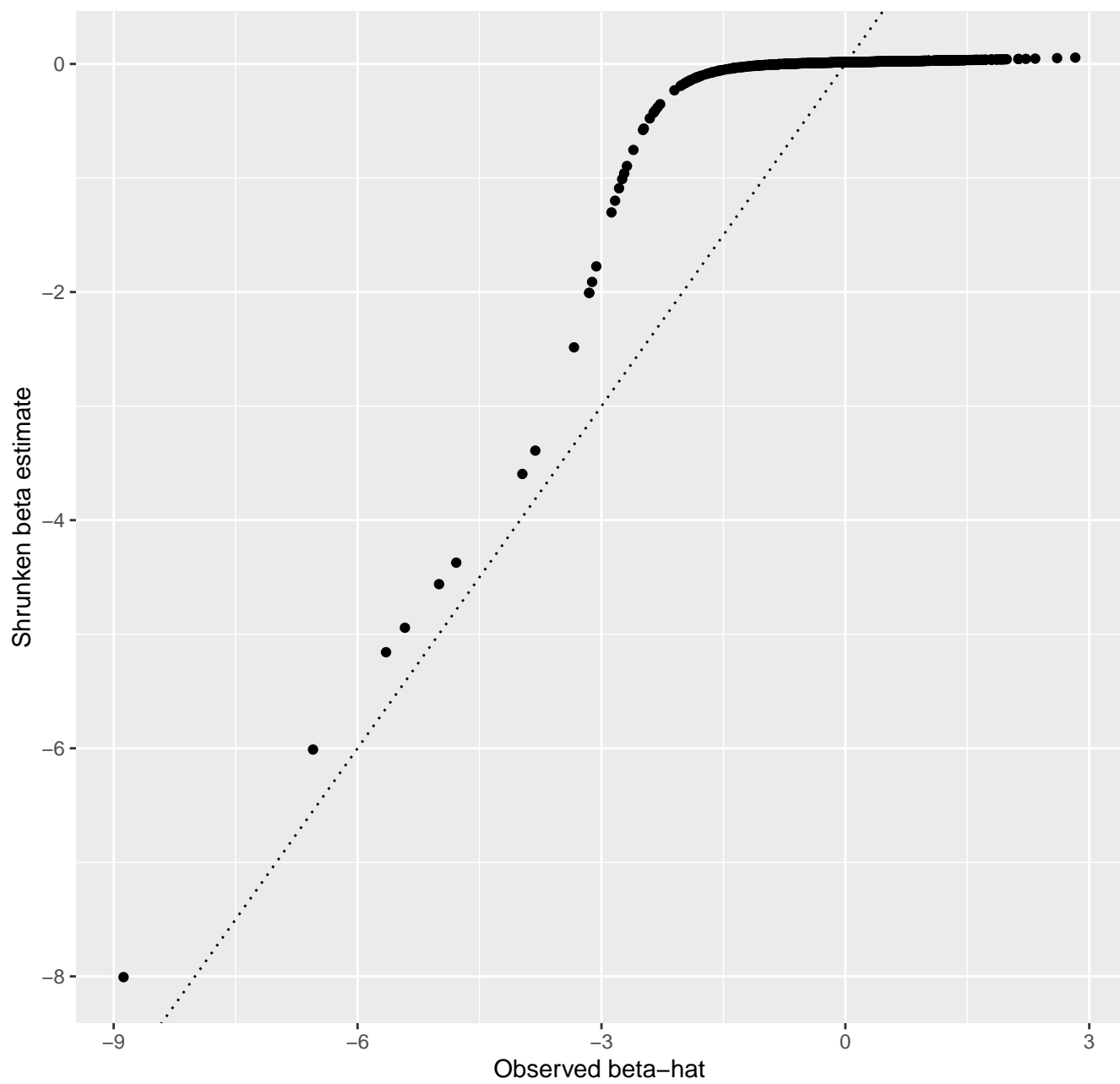


MAP4K4\_(9448) positive

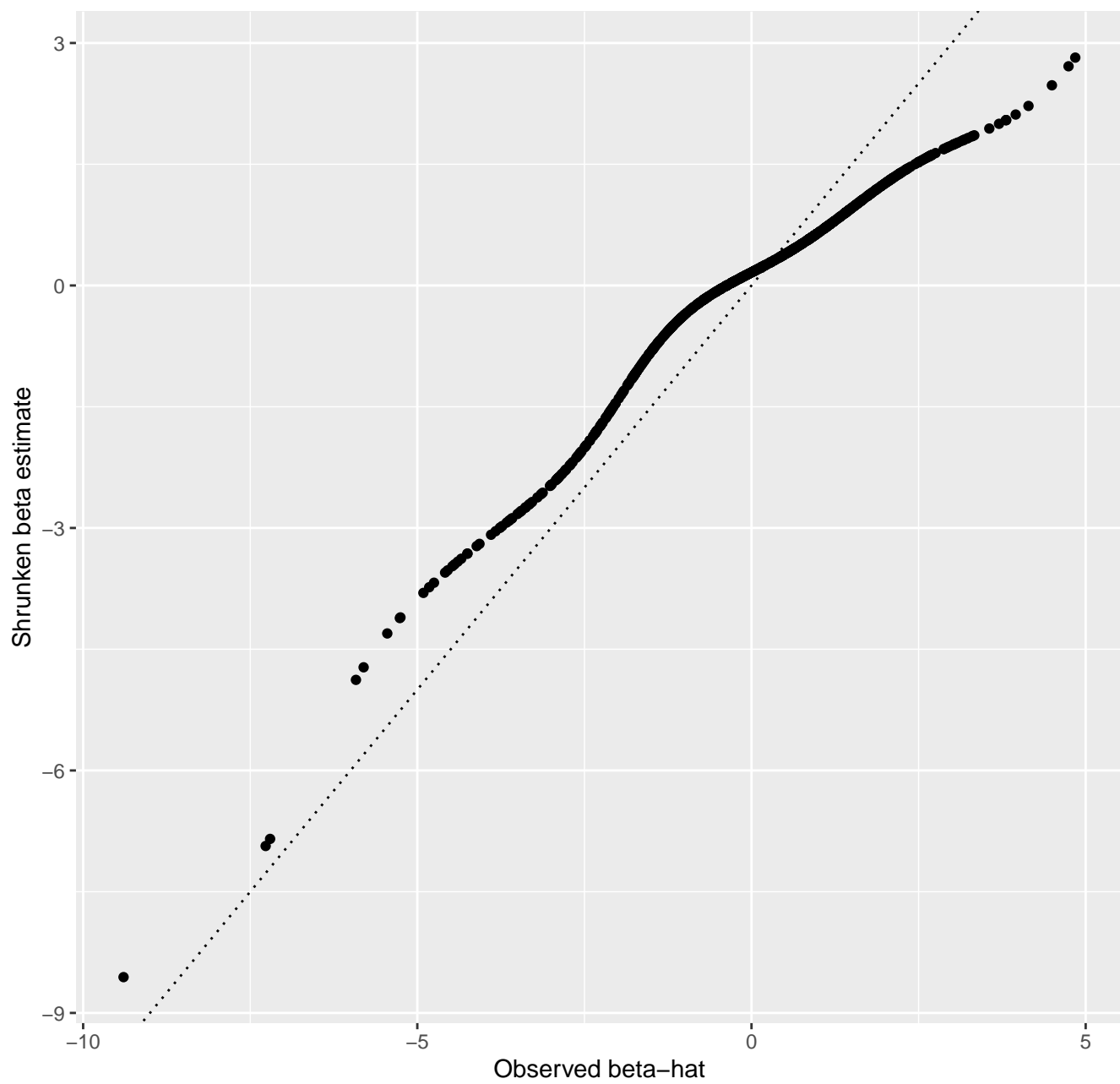




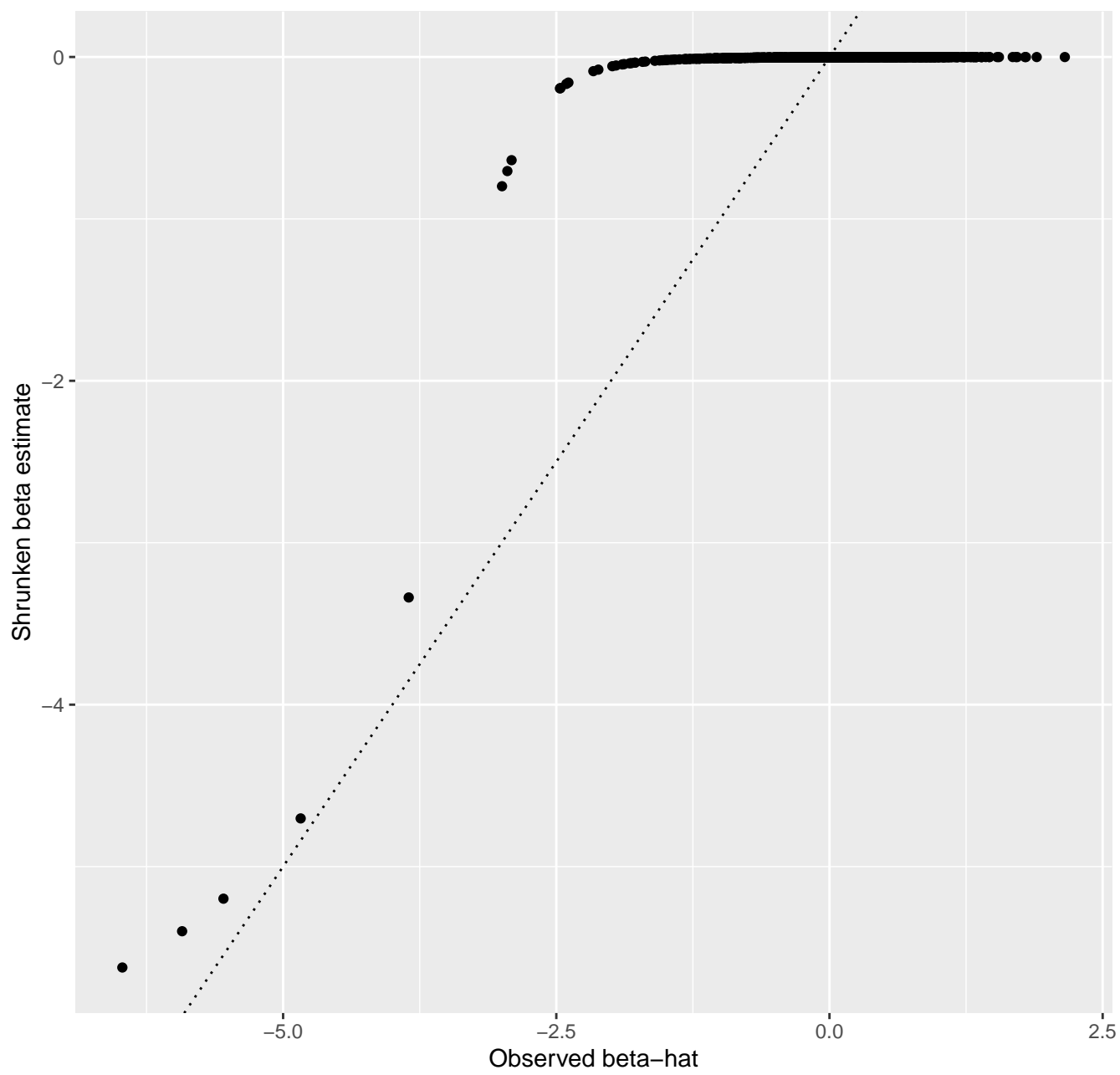
ZNFX1\_(57169) negative



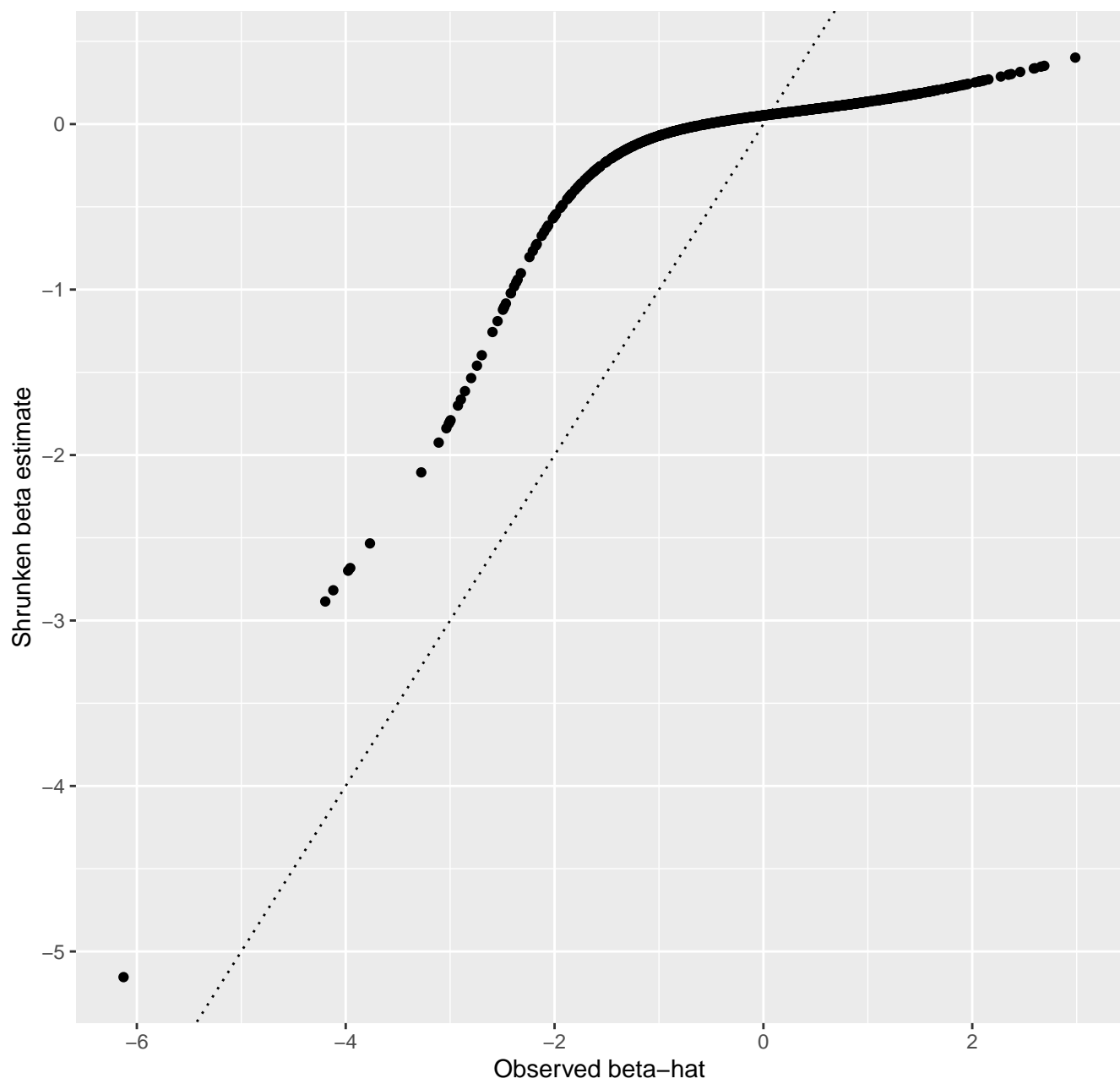
CCNL1\_(57018) negative



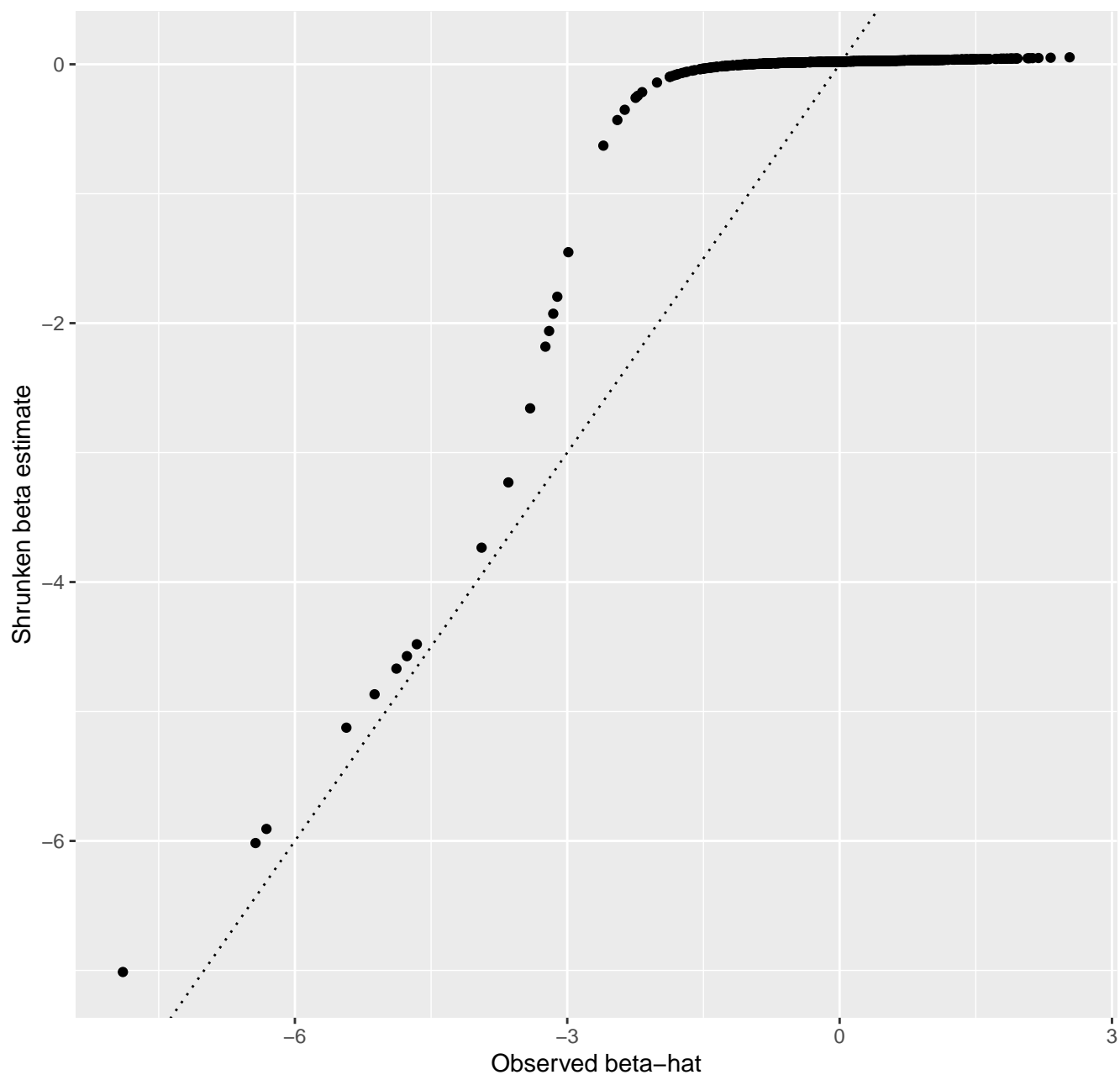
AGR2\_(10551) negative



CALM2\_(805) negative

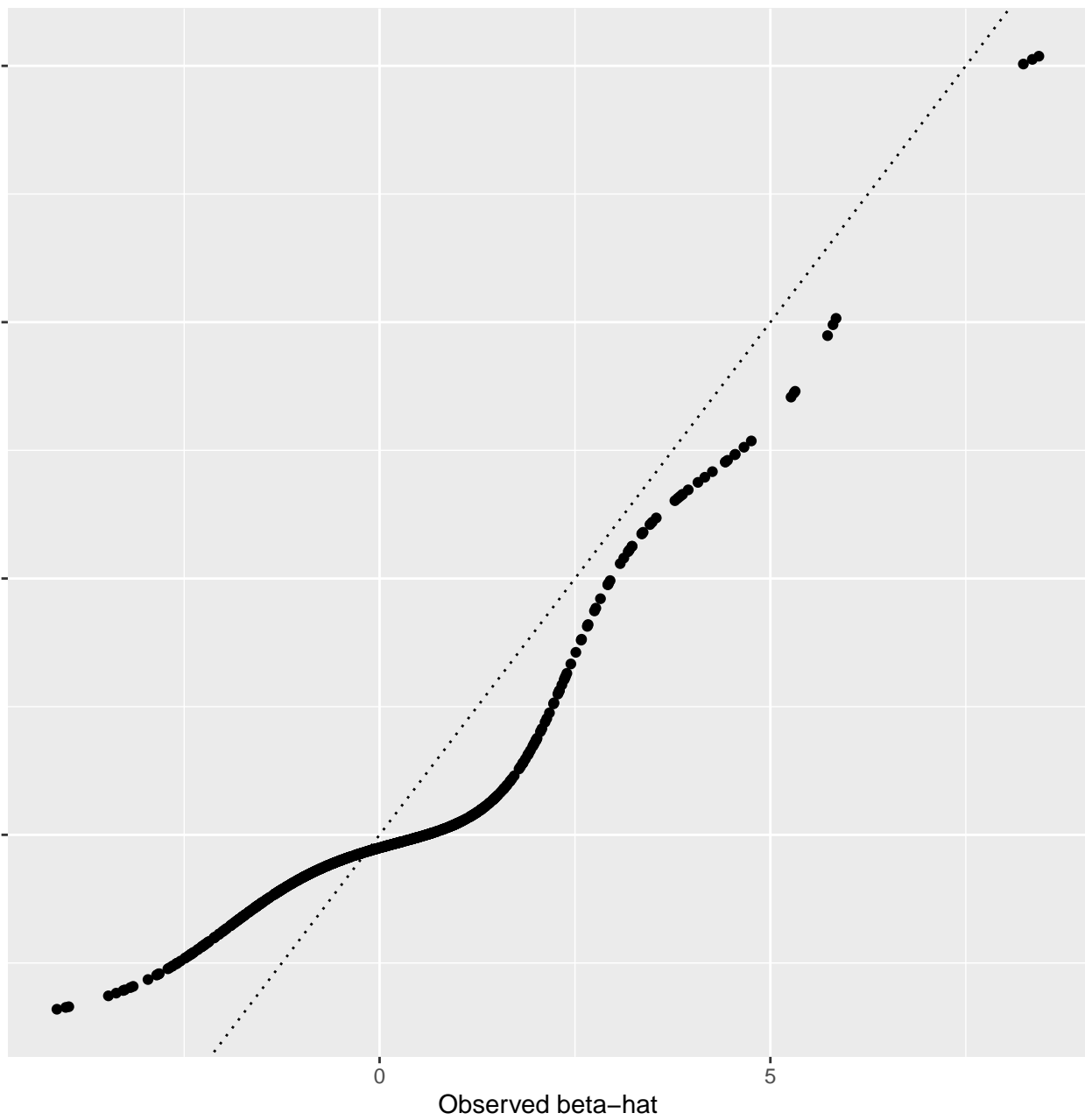


PIM2\_(11040) negative

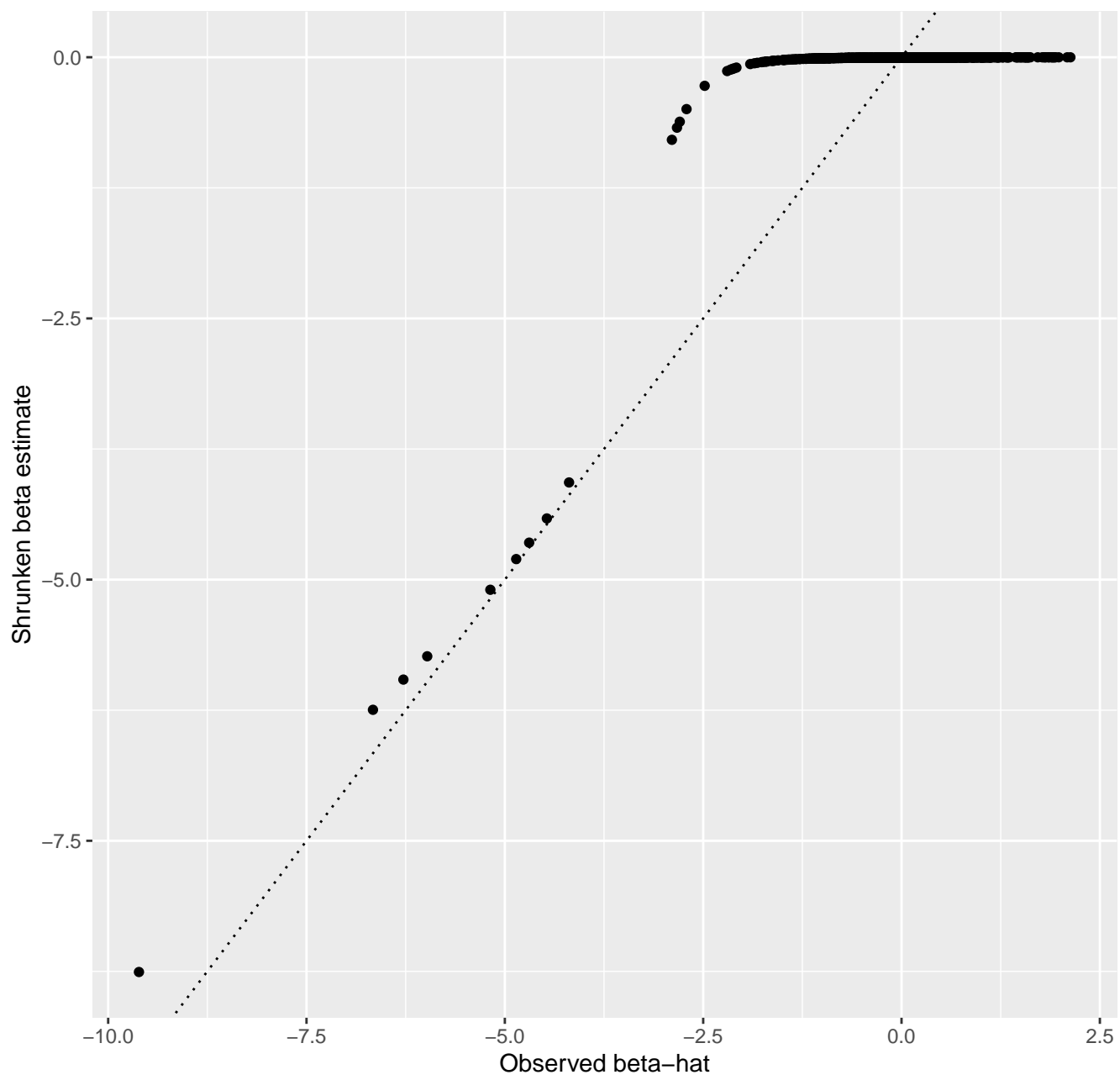


RB1\_(5925) positive

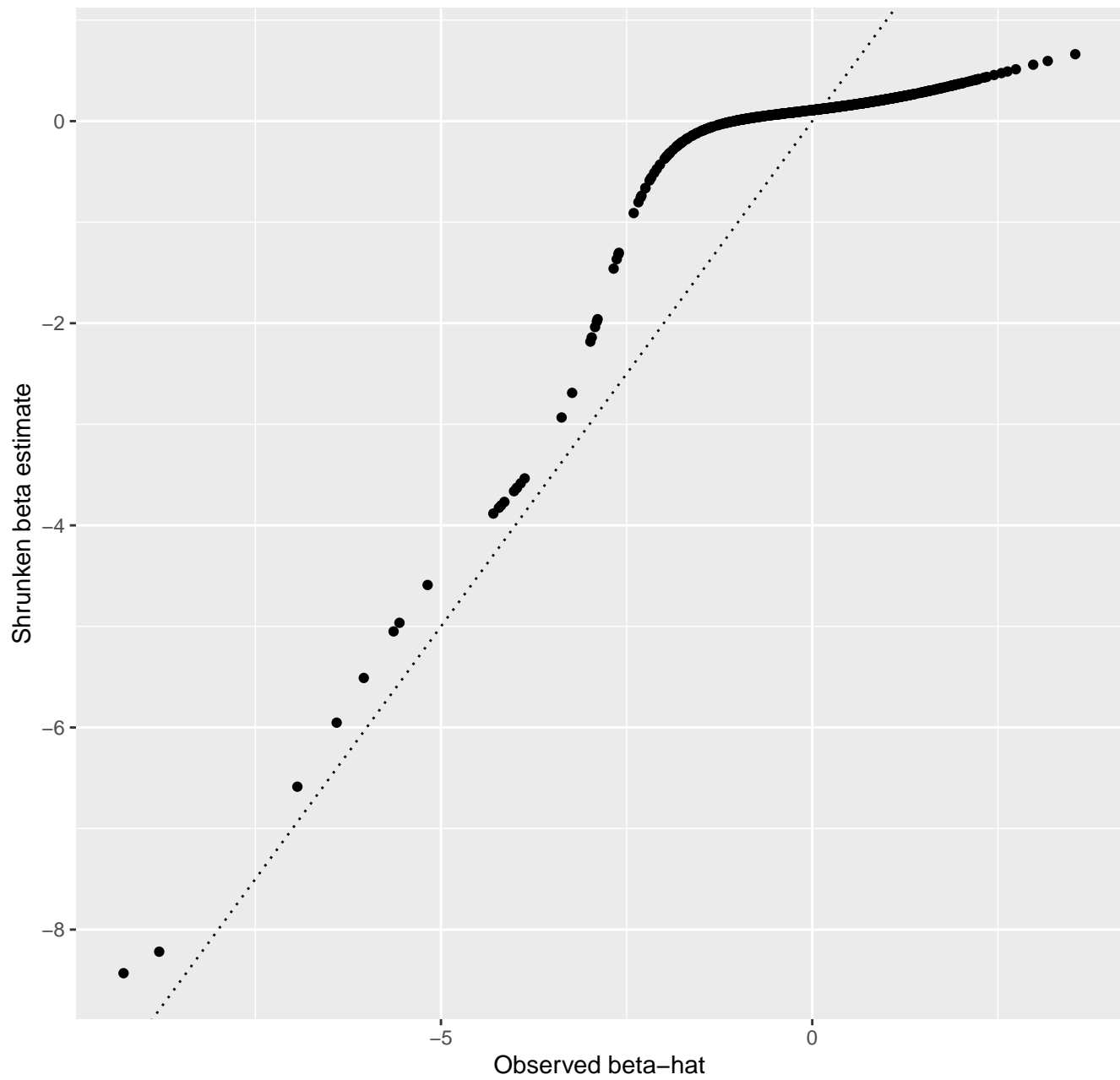
Shrunken beta estimate



JUP\_(3728) negative

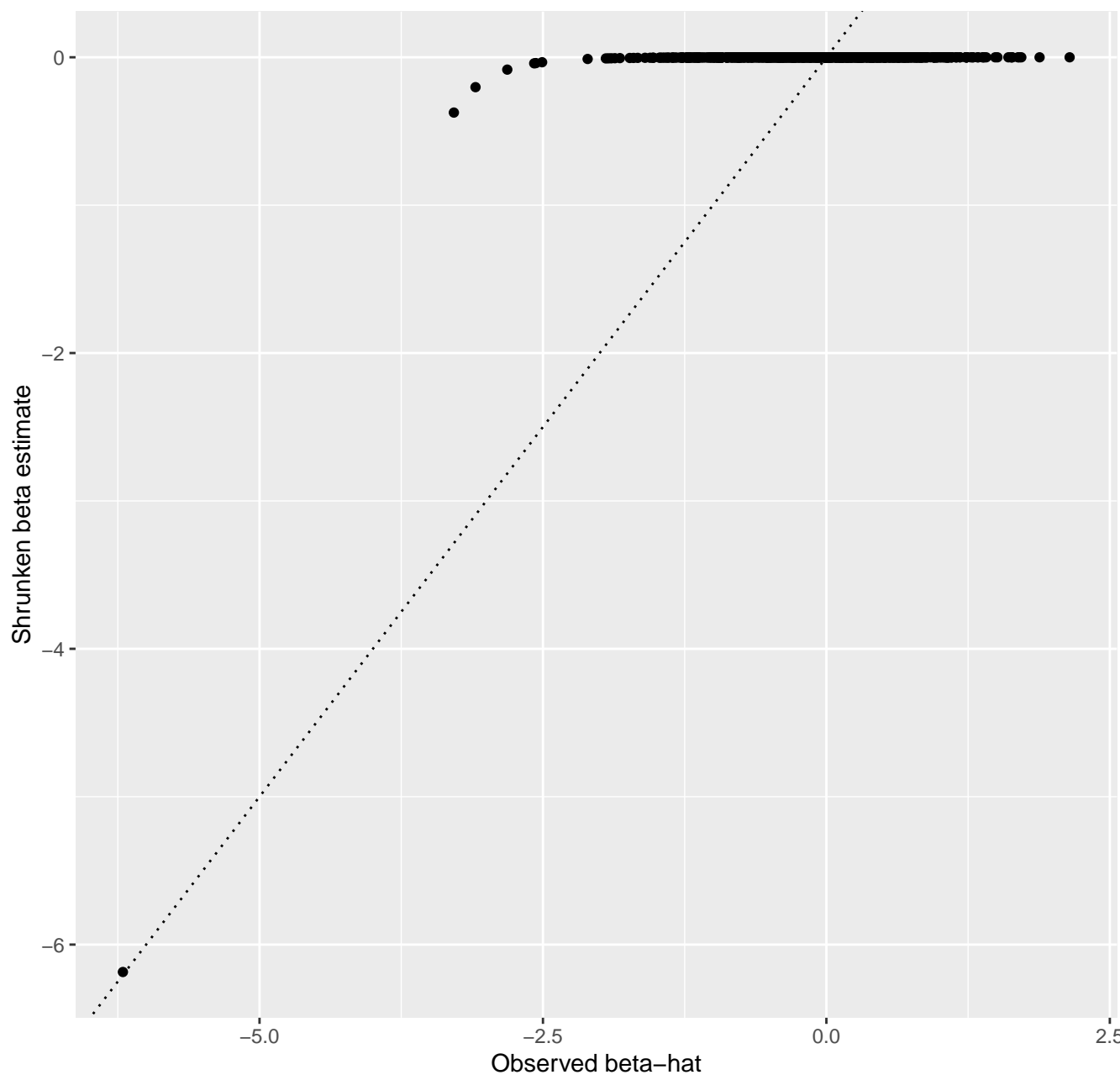


PSMD10\_(5716) negative

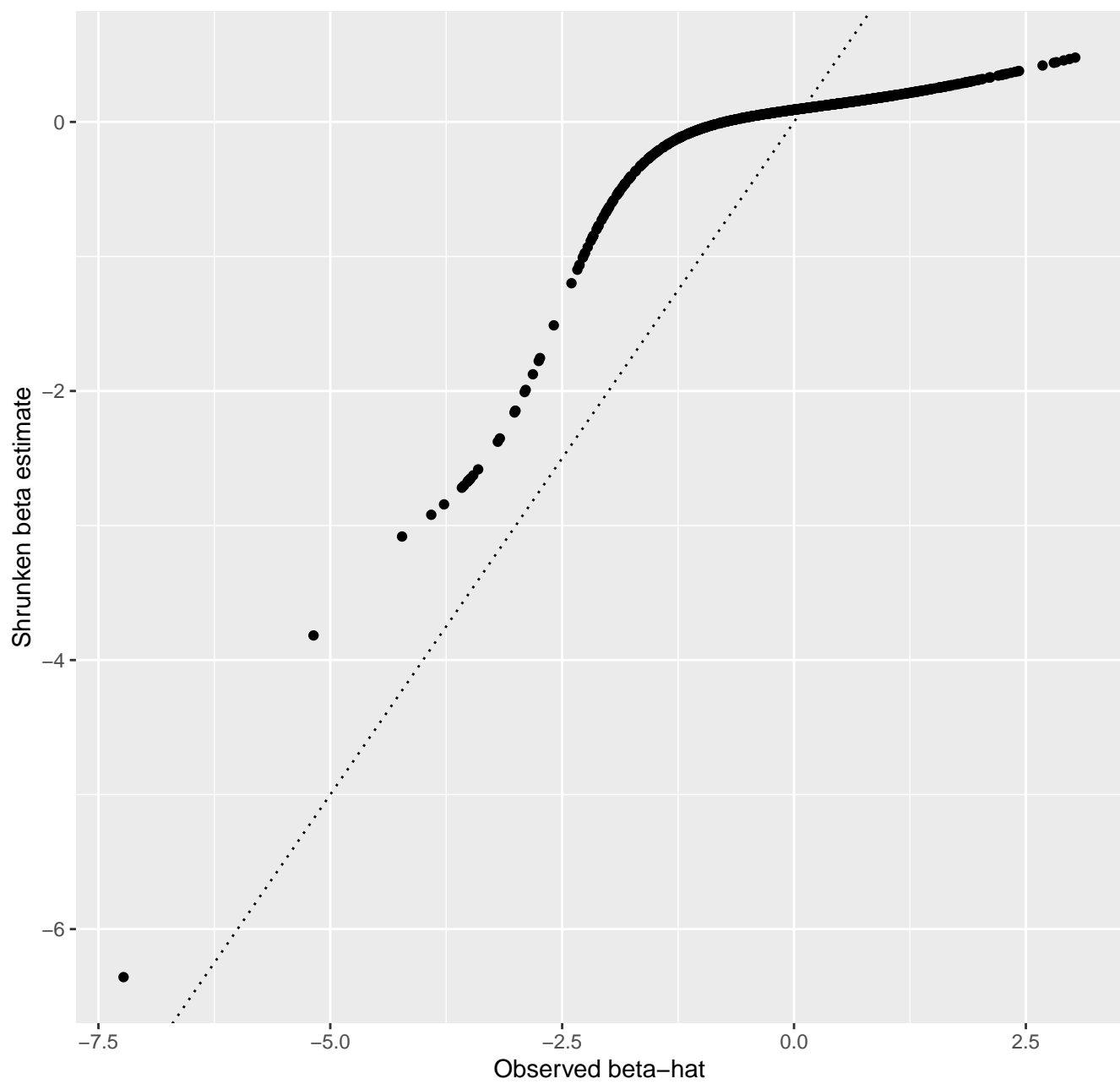




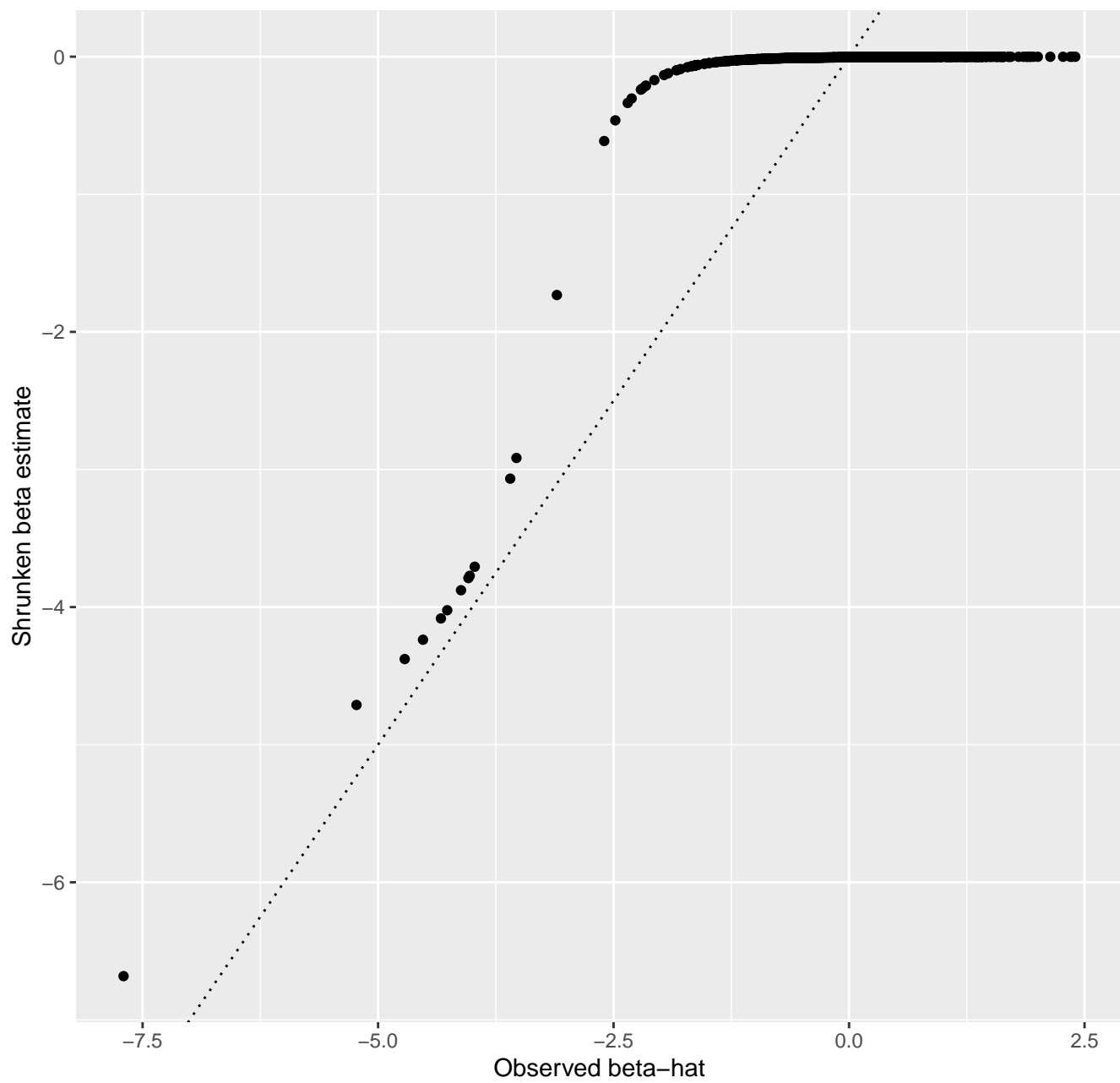
INSL6\_(11172) negative



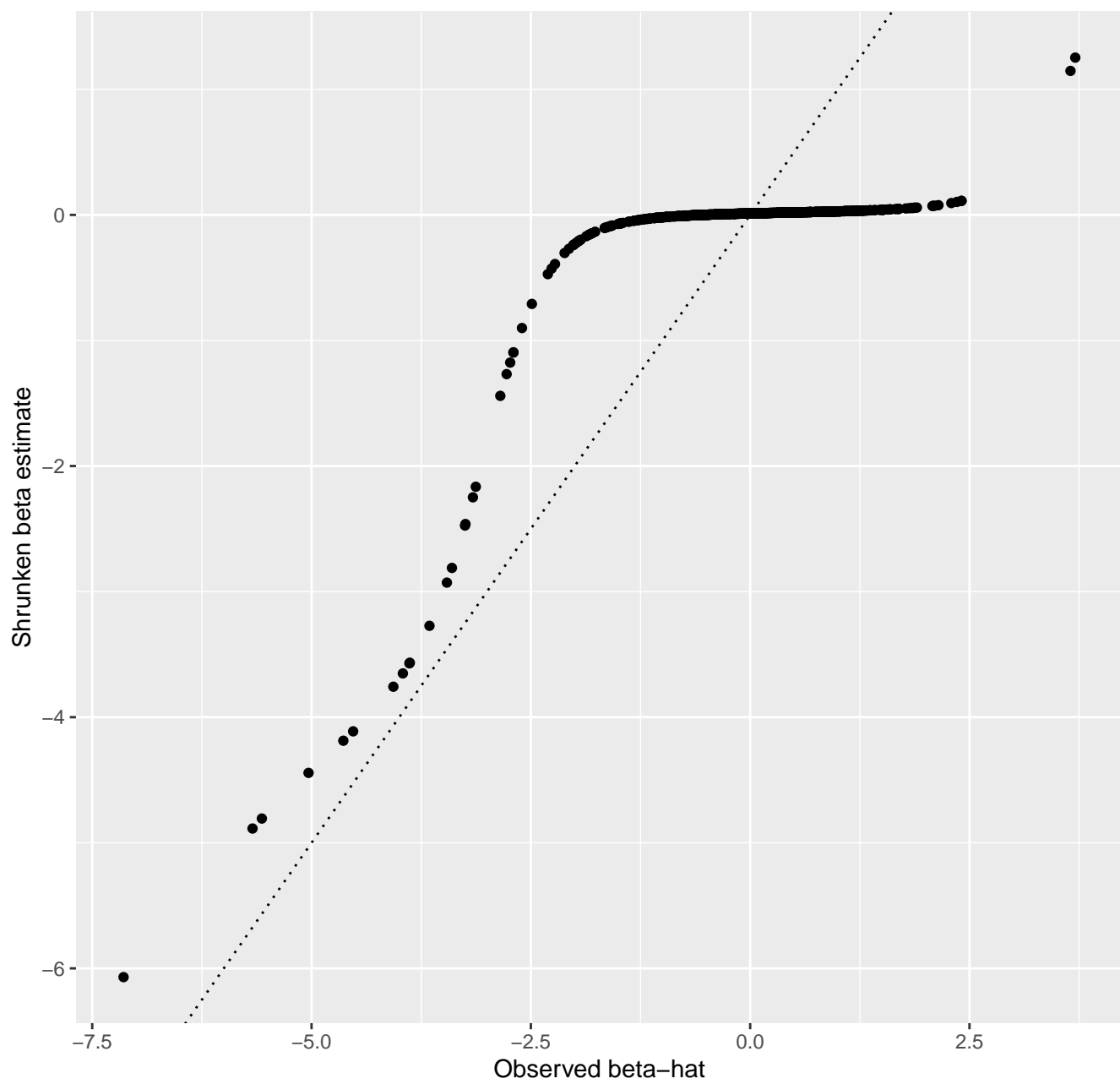
KIF15\_(56992) negative



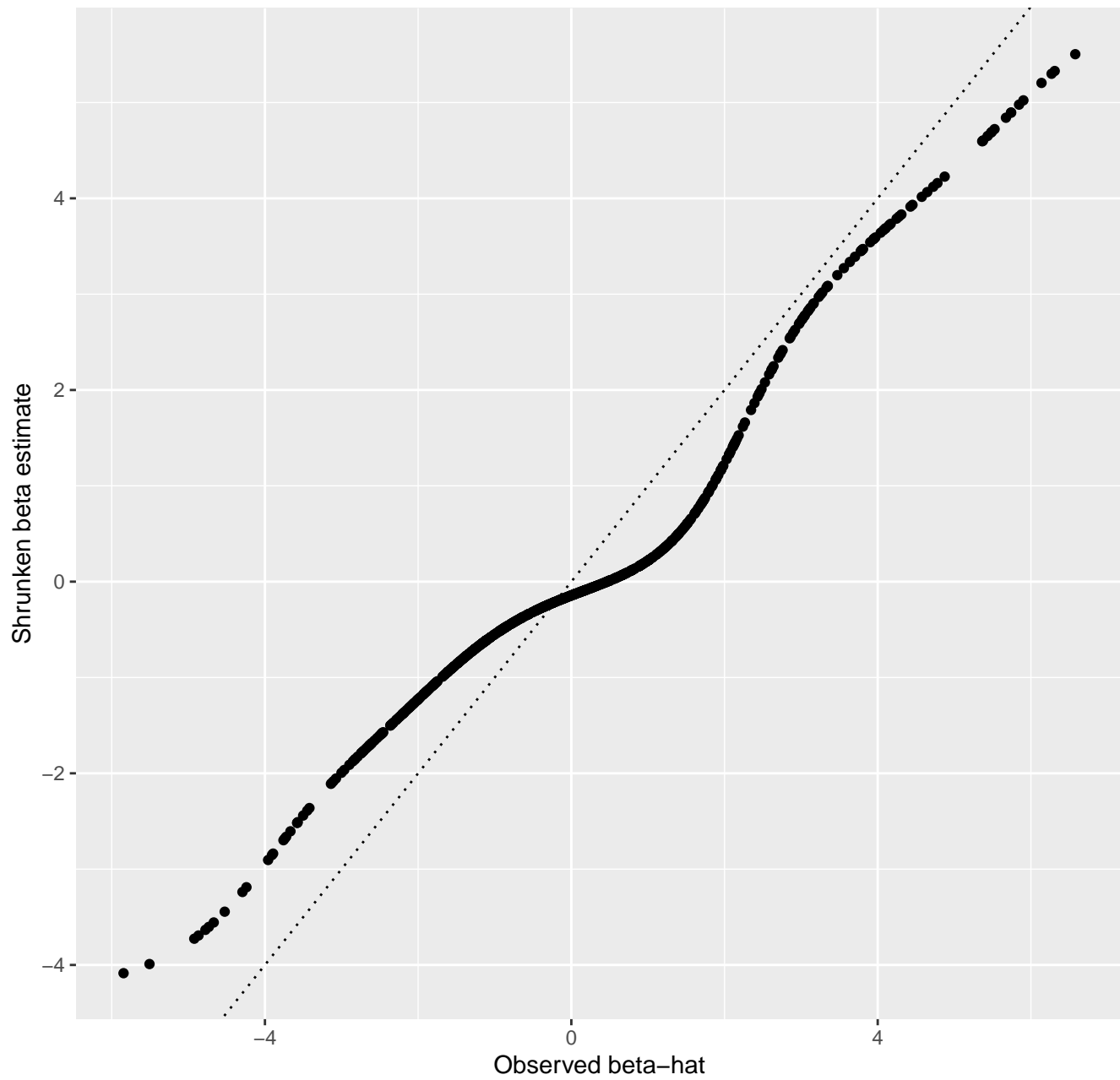
OXSRI1\_(9943) negative



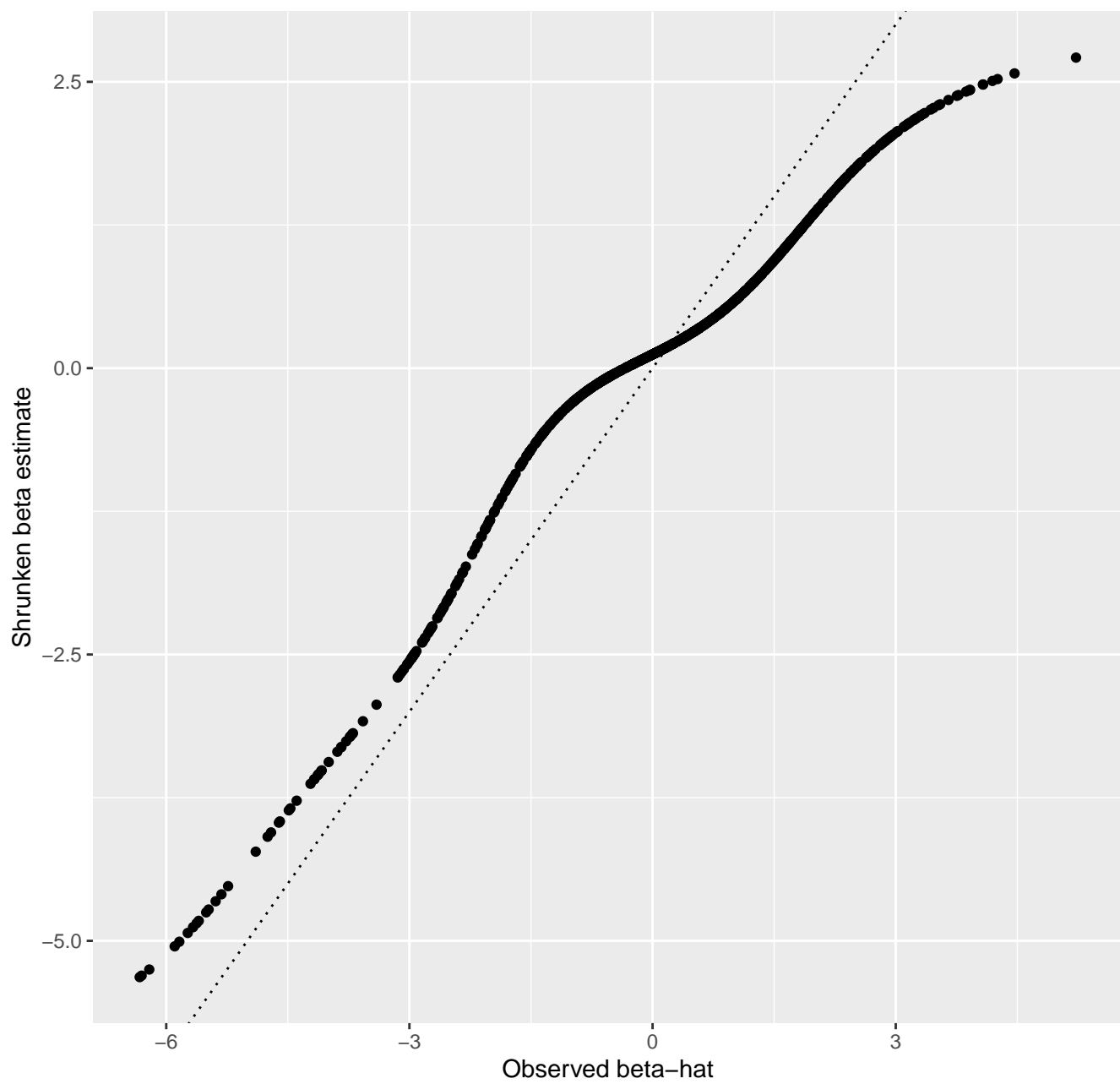
AGPAT5\_(55326) negative



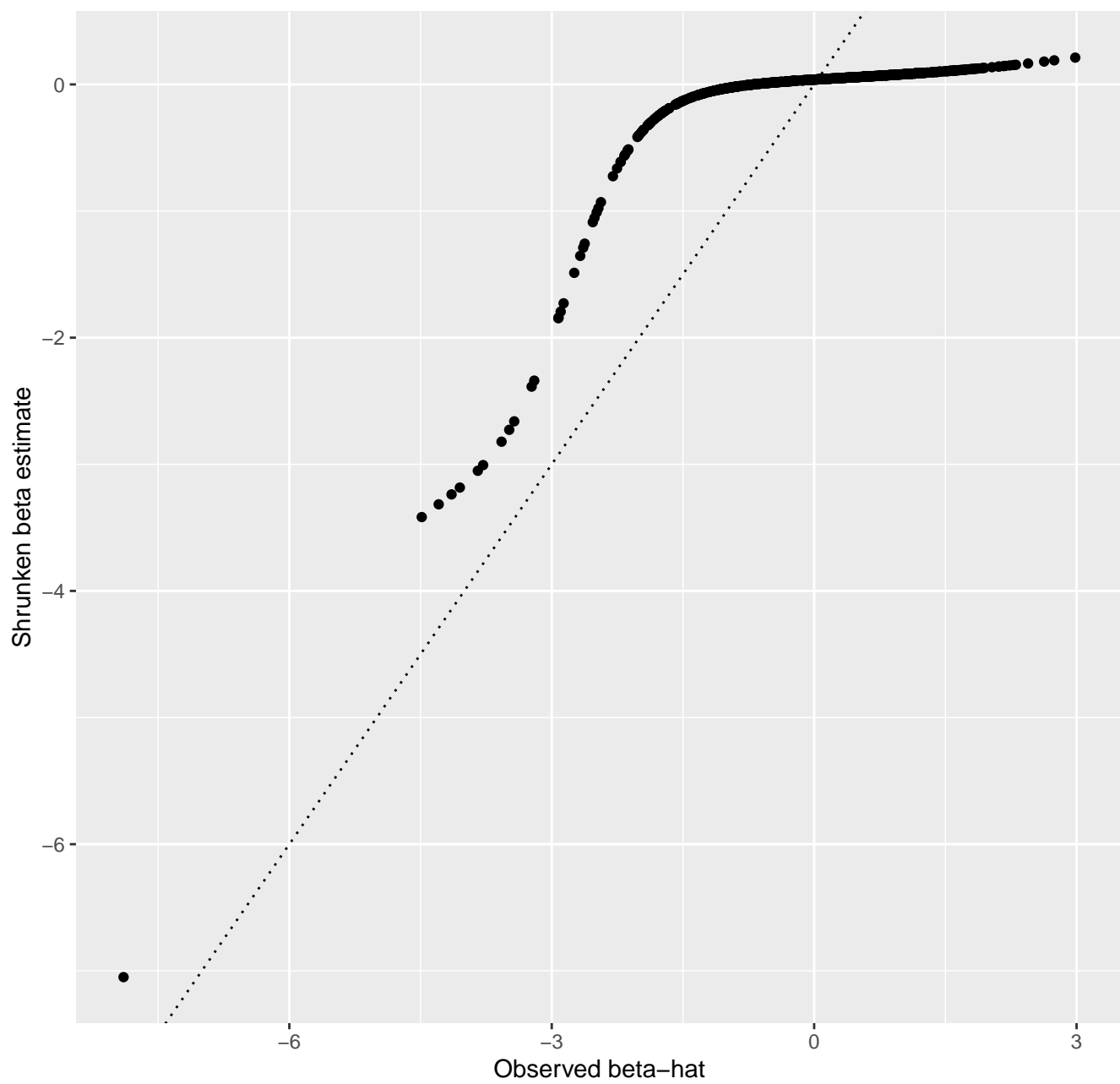
PGK1\_(5230) positive



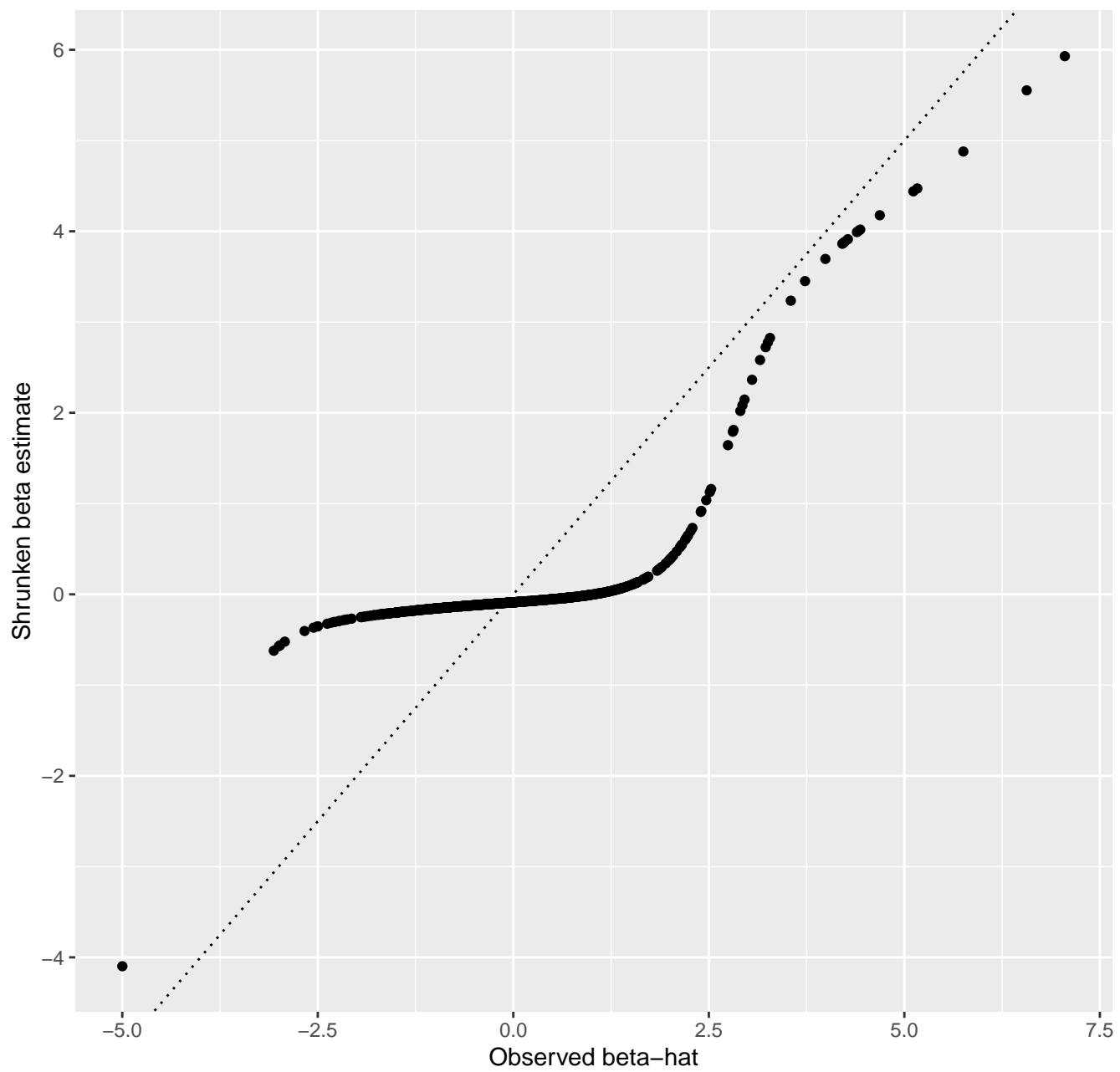
PET117\_(100303755) negative



PRUNE1\_(58497) negative

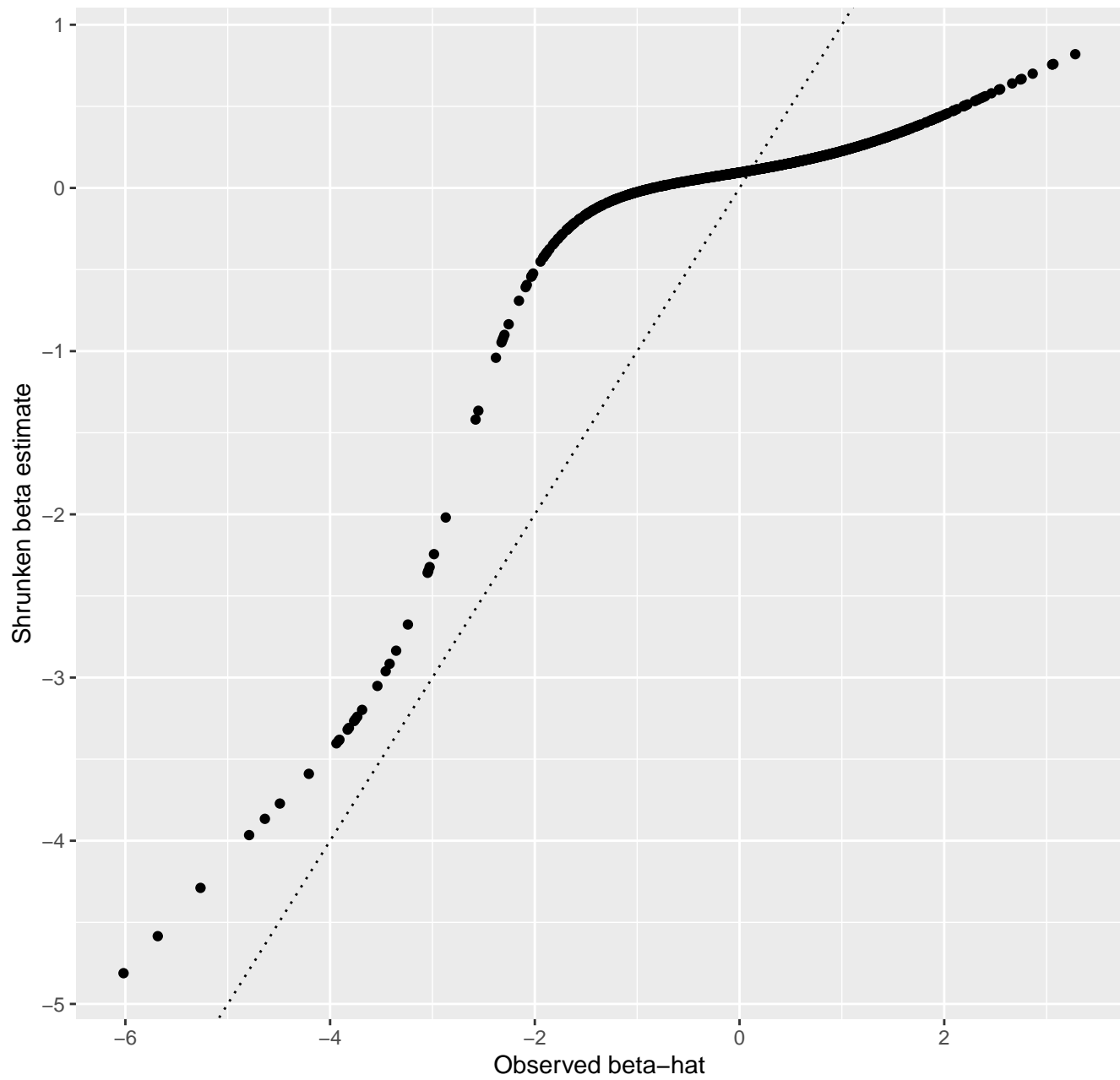


CDKN2A\_(1029) positive

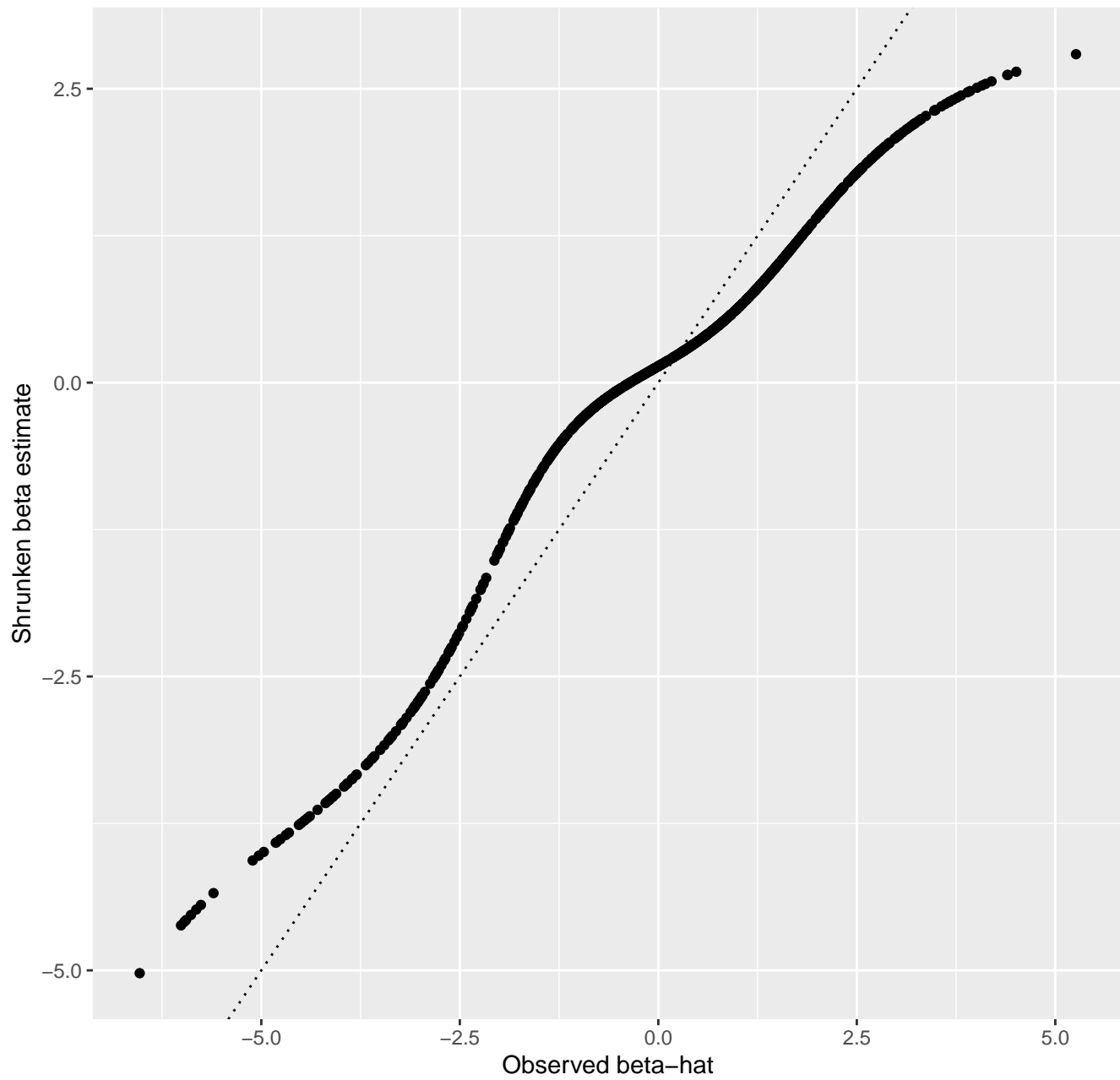




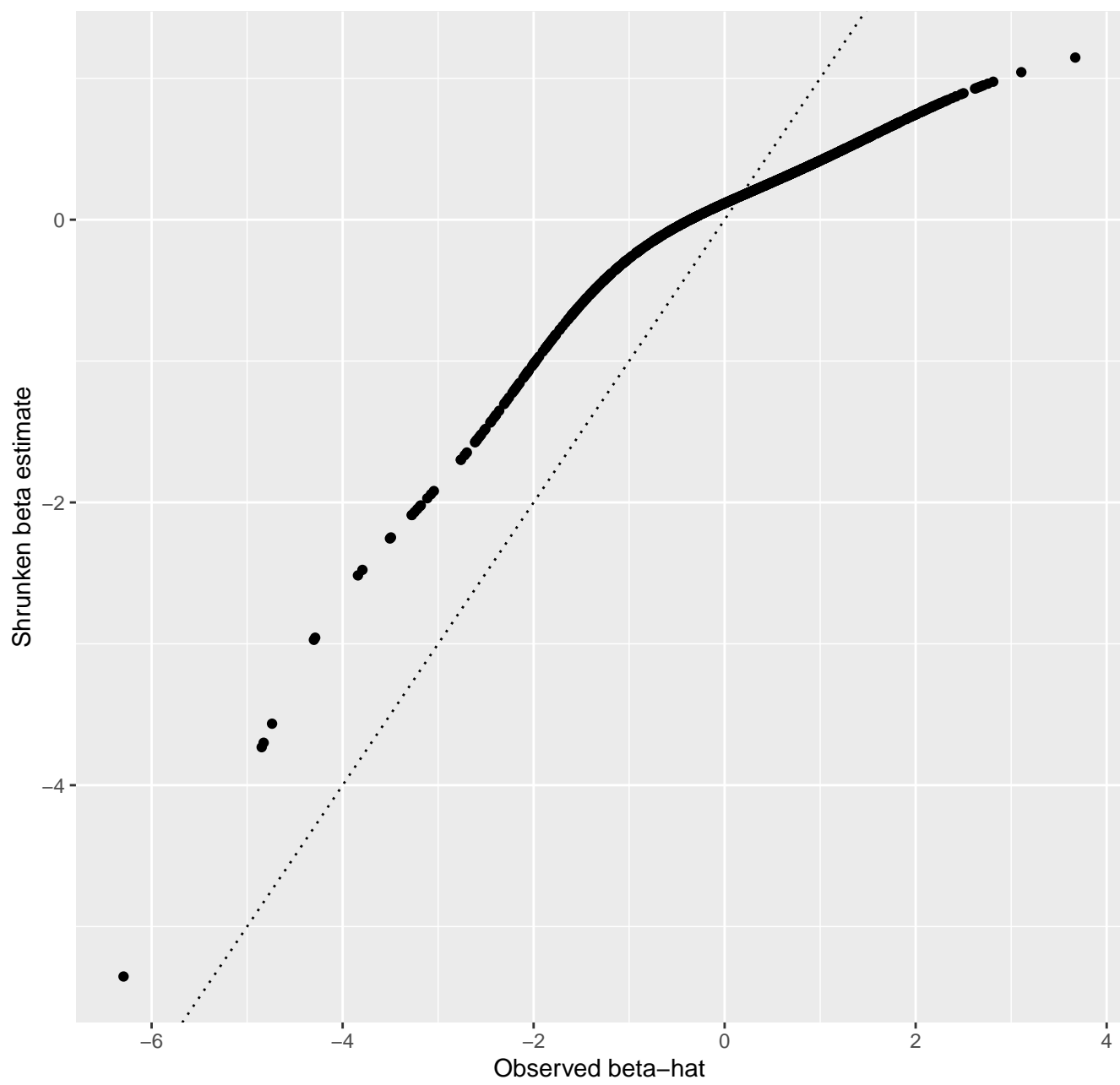
CRTC3\_(64784) negative



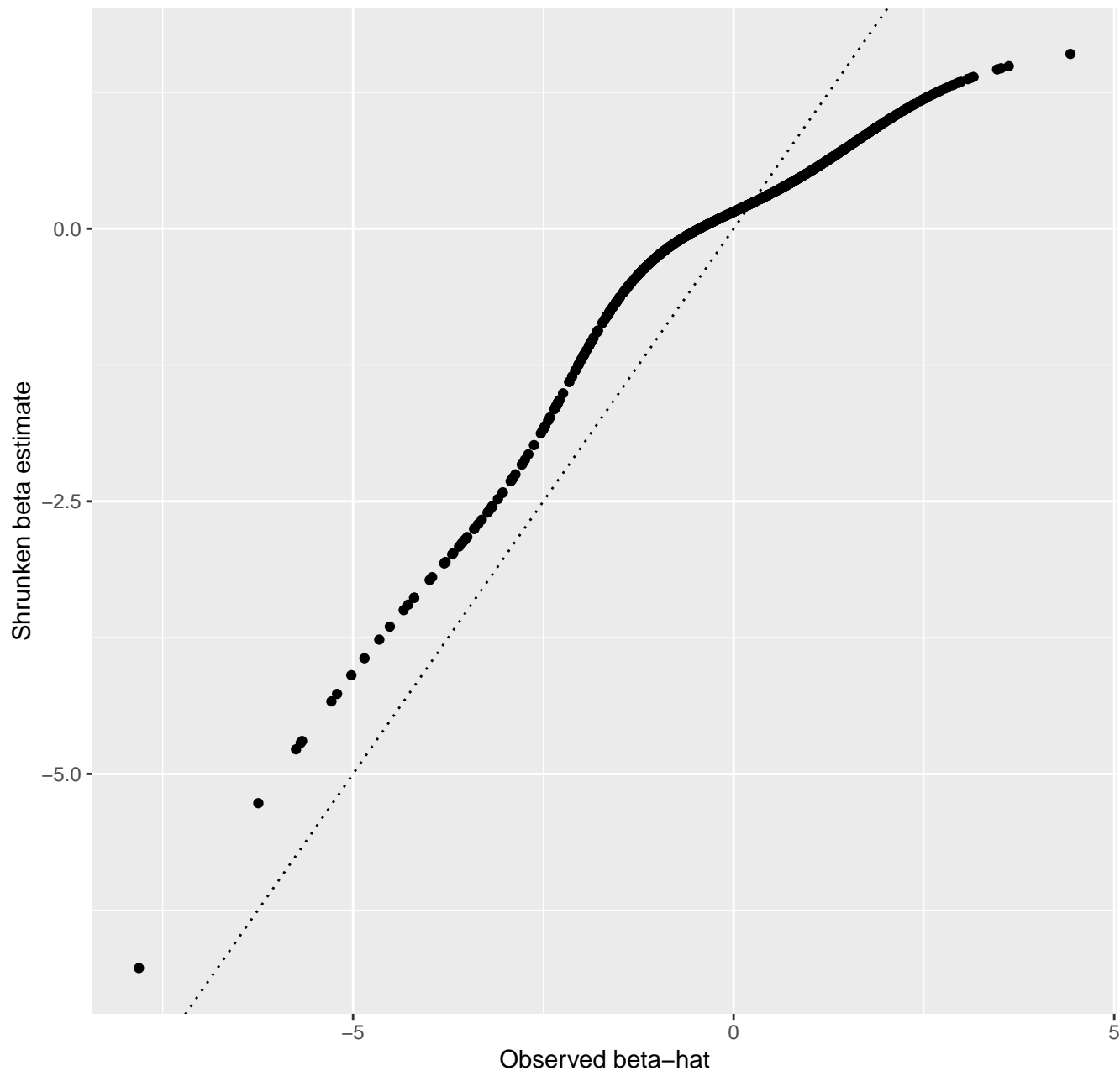
MTHFD1\_(4522) negative



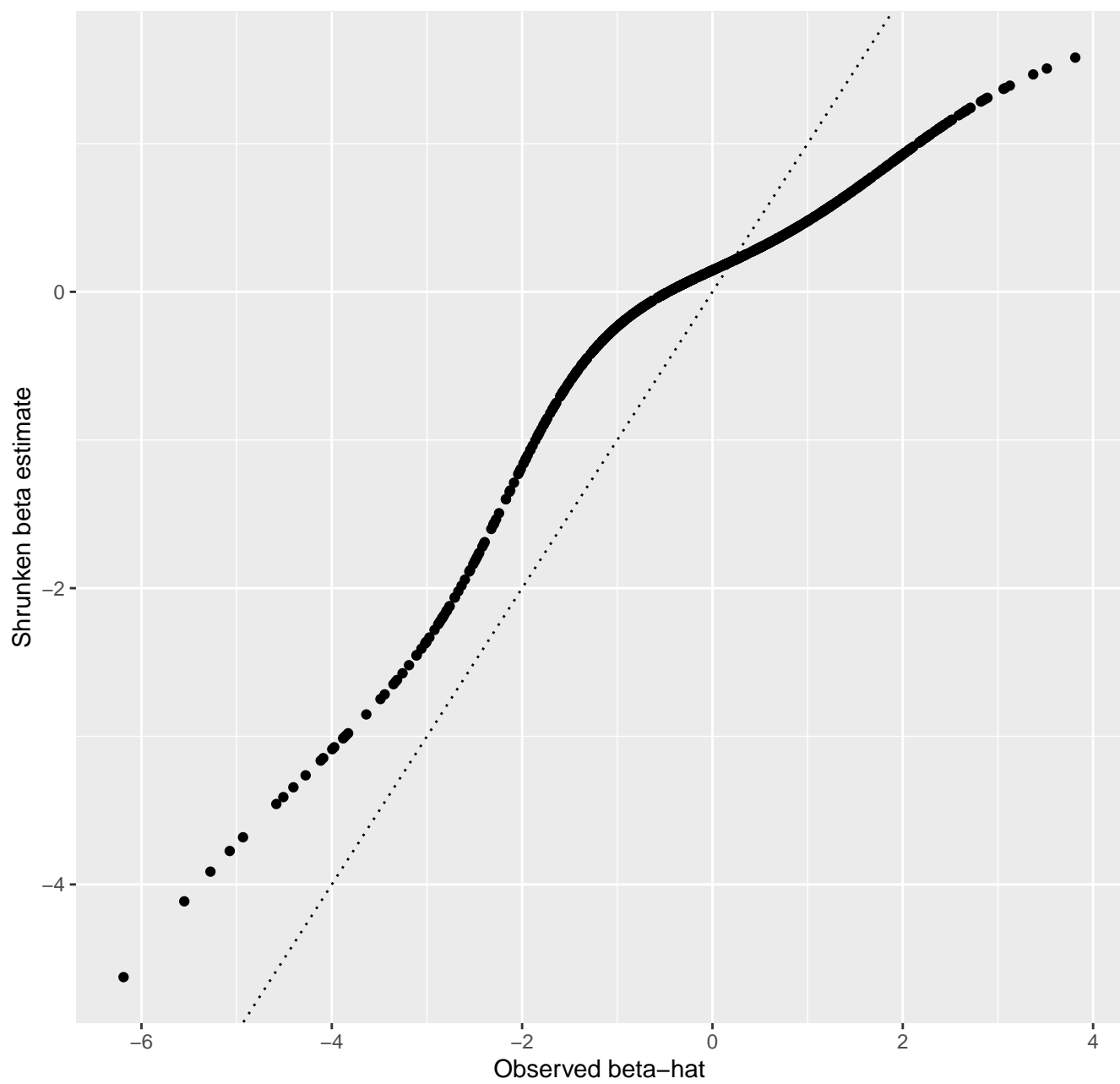
VCL\_(7414) negative



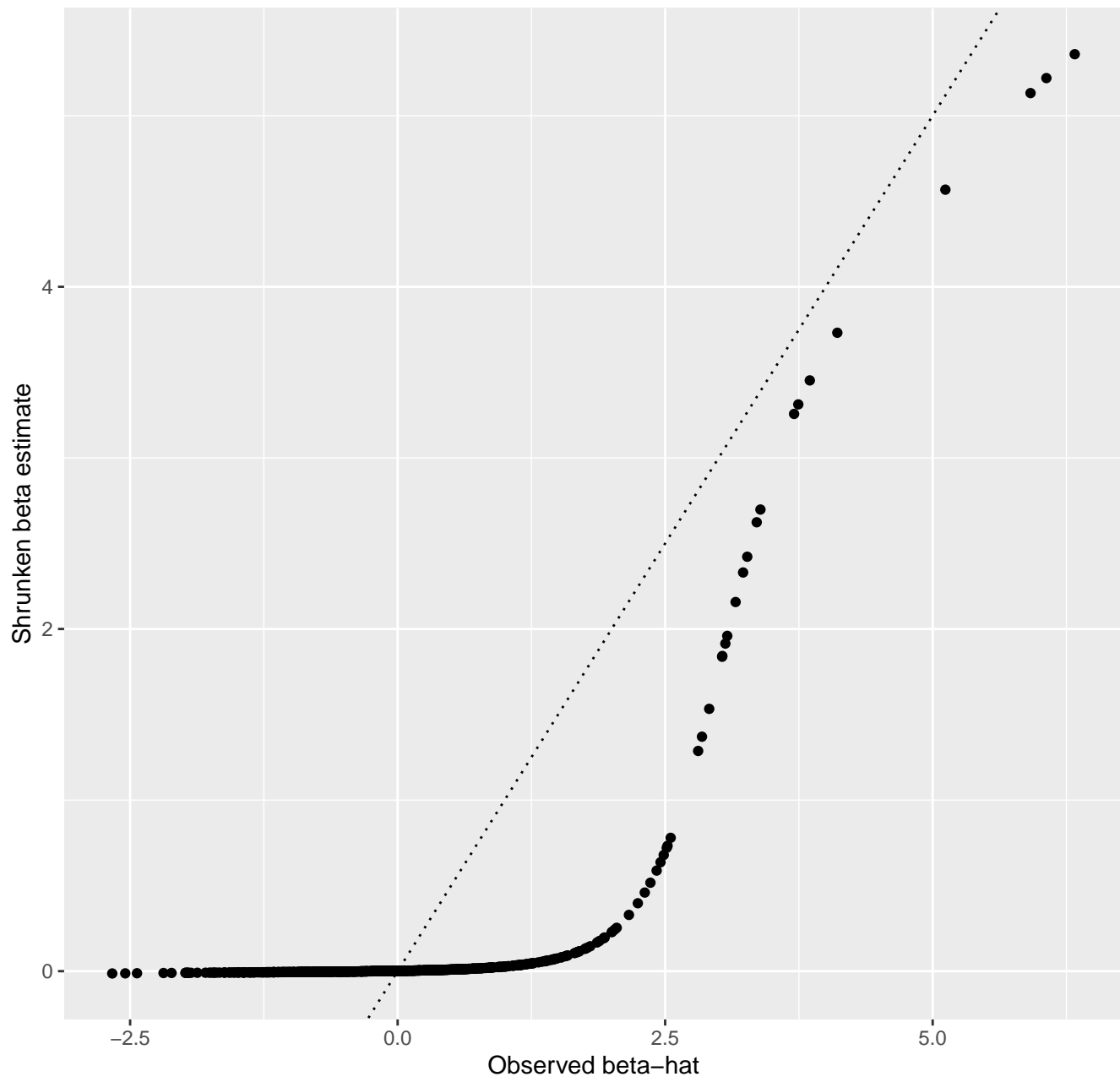
NDUFAF4\_(29078) negative



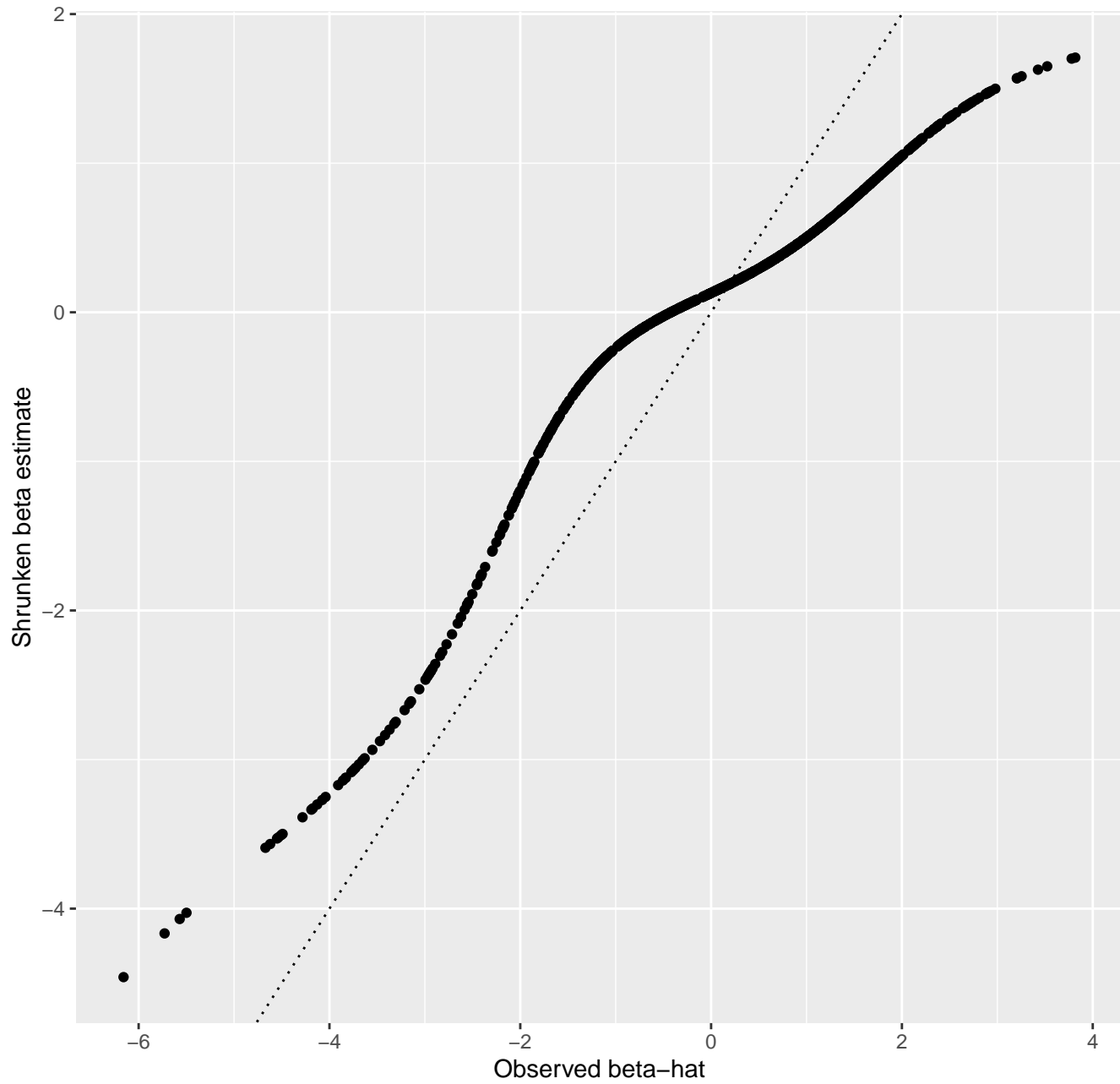
MAD2L1BP\_(9587) negative



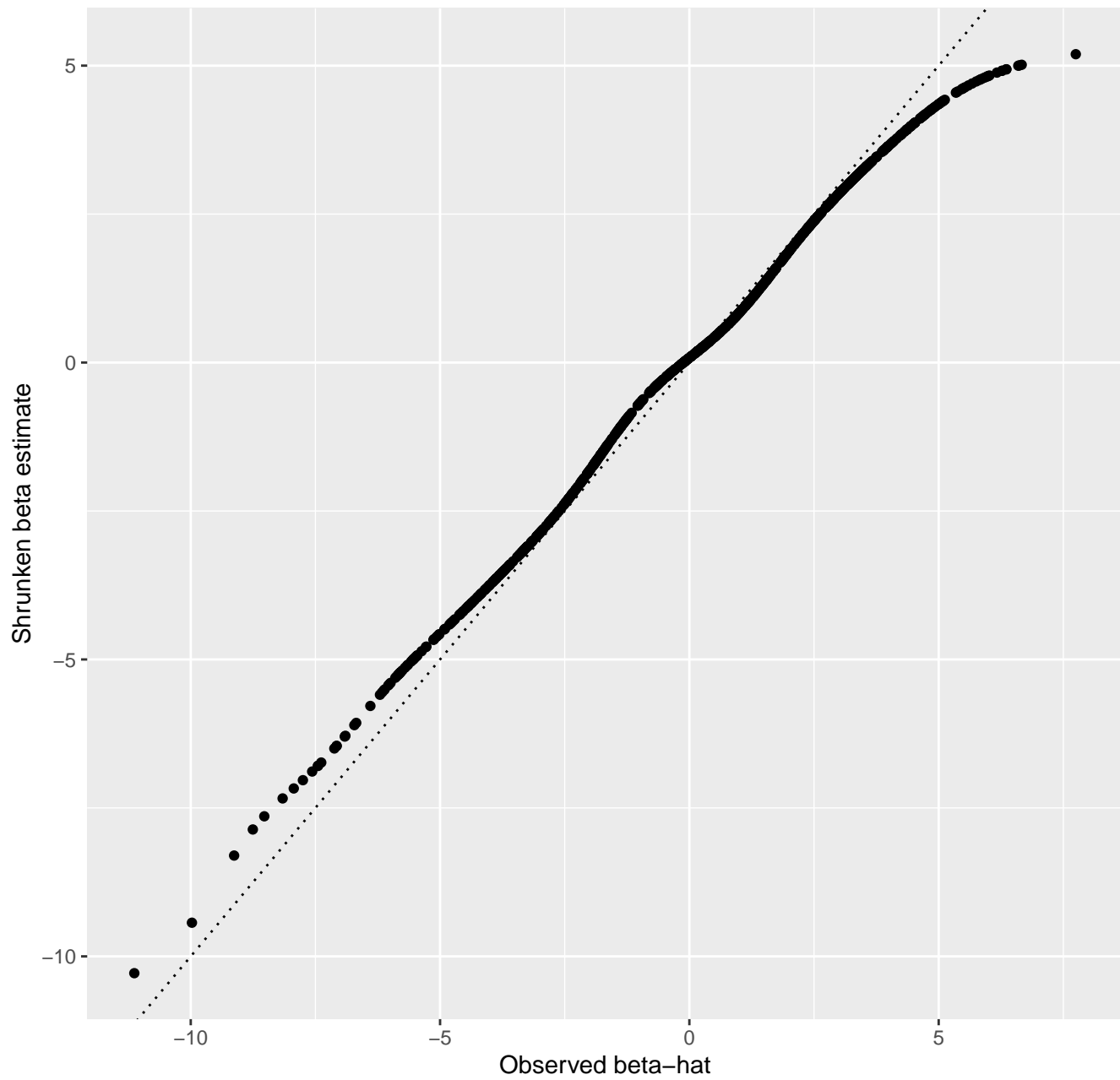
CDKN2C\_(1031) positive



C15orf41\_(84529) negative

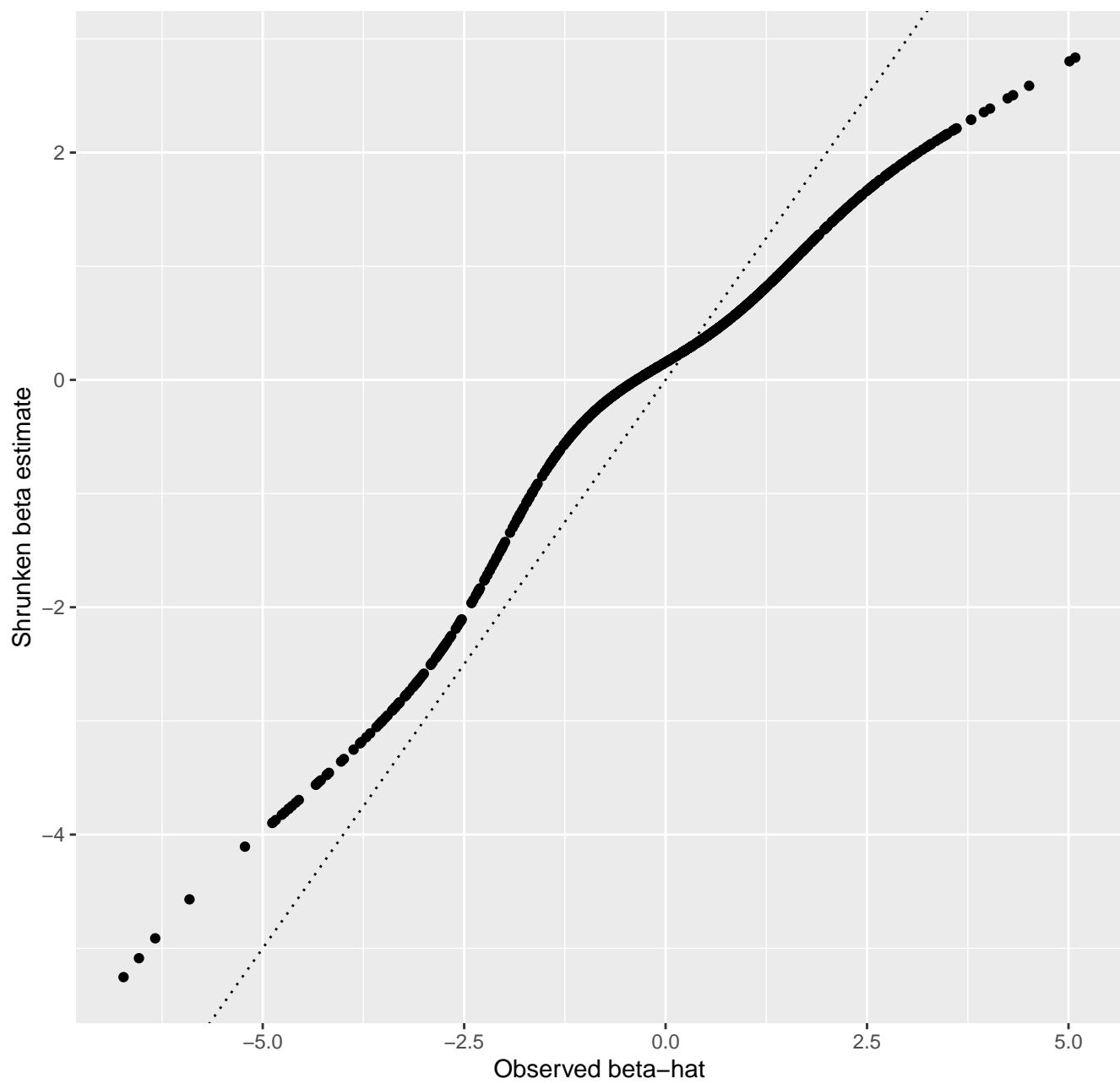


DNAJC9\_(23234) positive

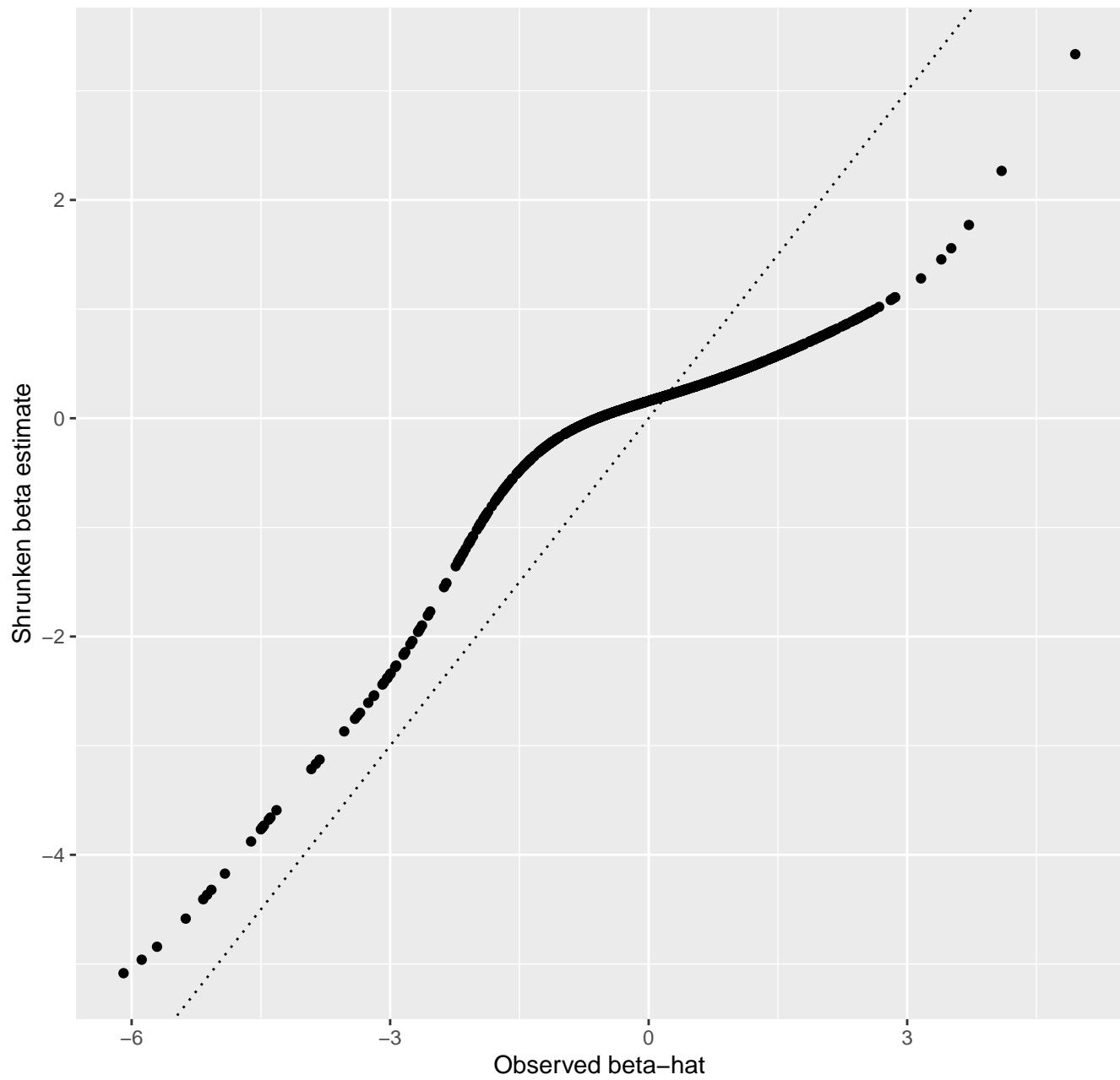




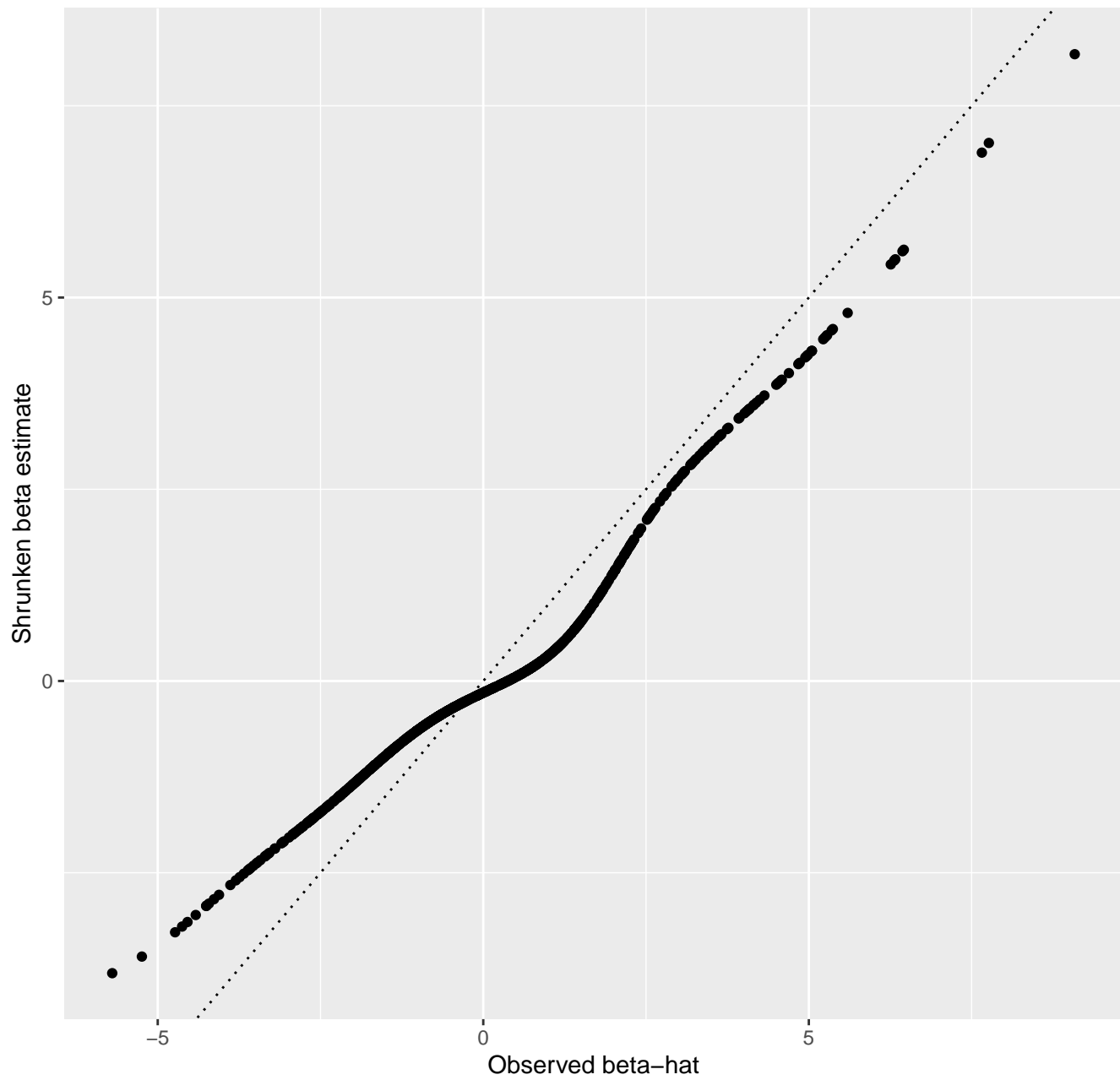
LIAS\_(11019) negative



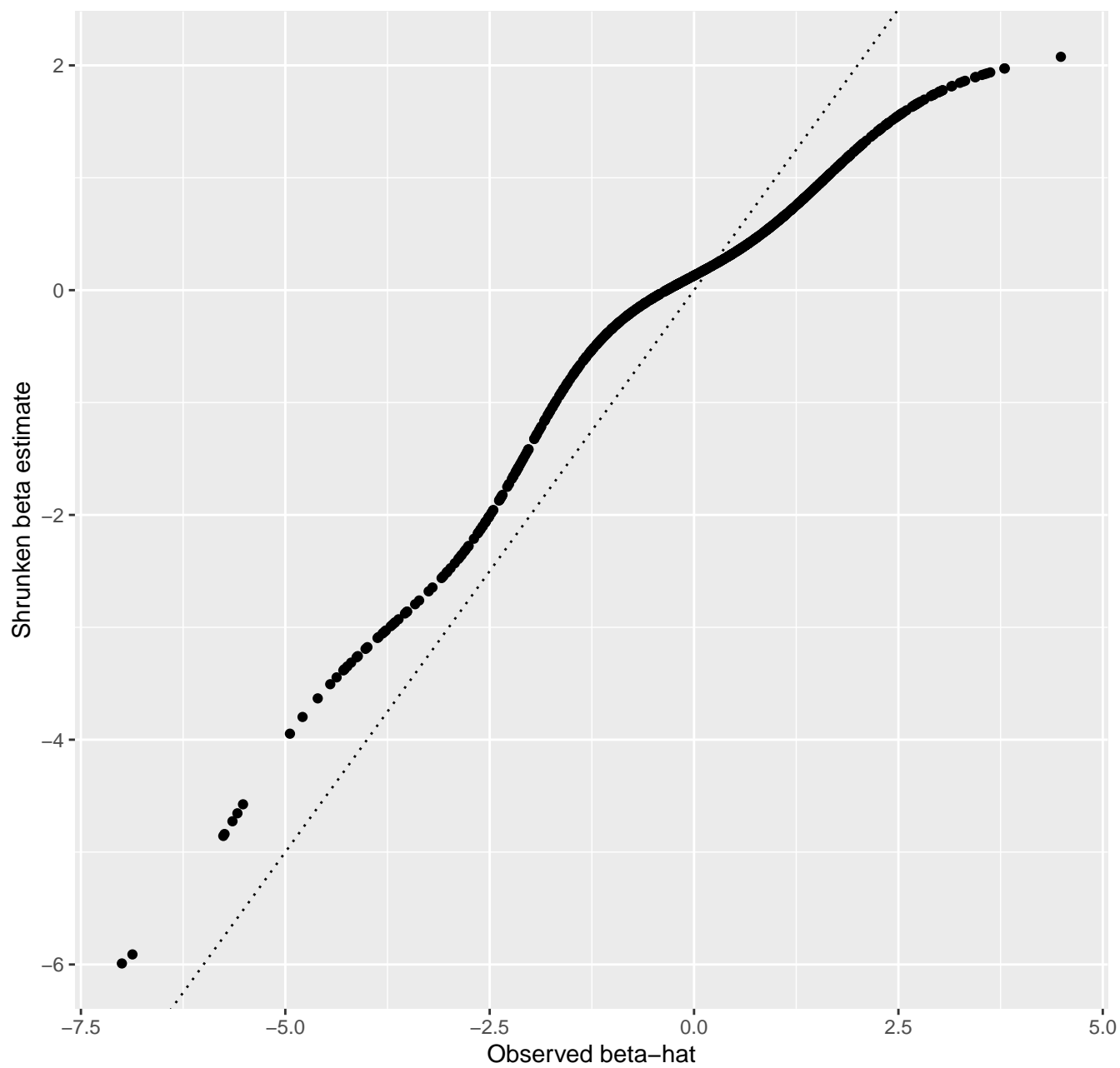
USP1\_(7398) negative



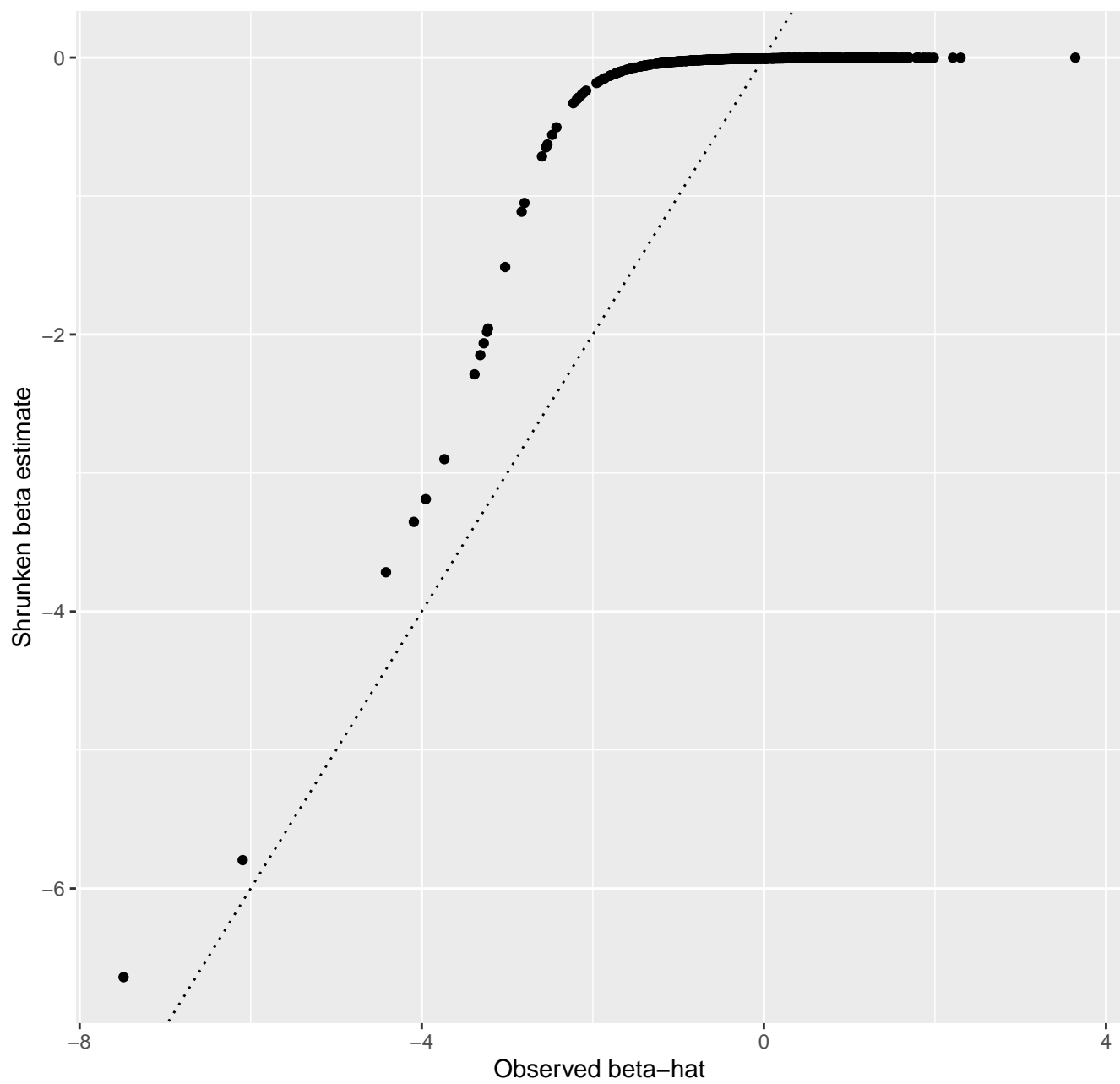
NUP43\_(348995) positive



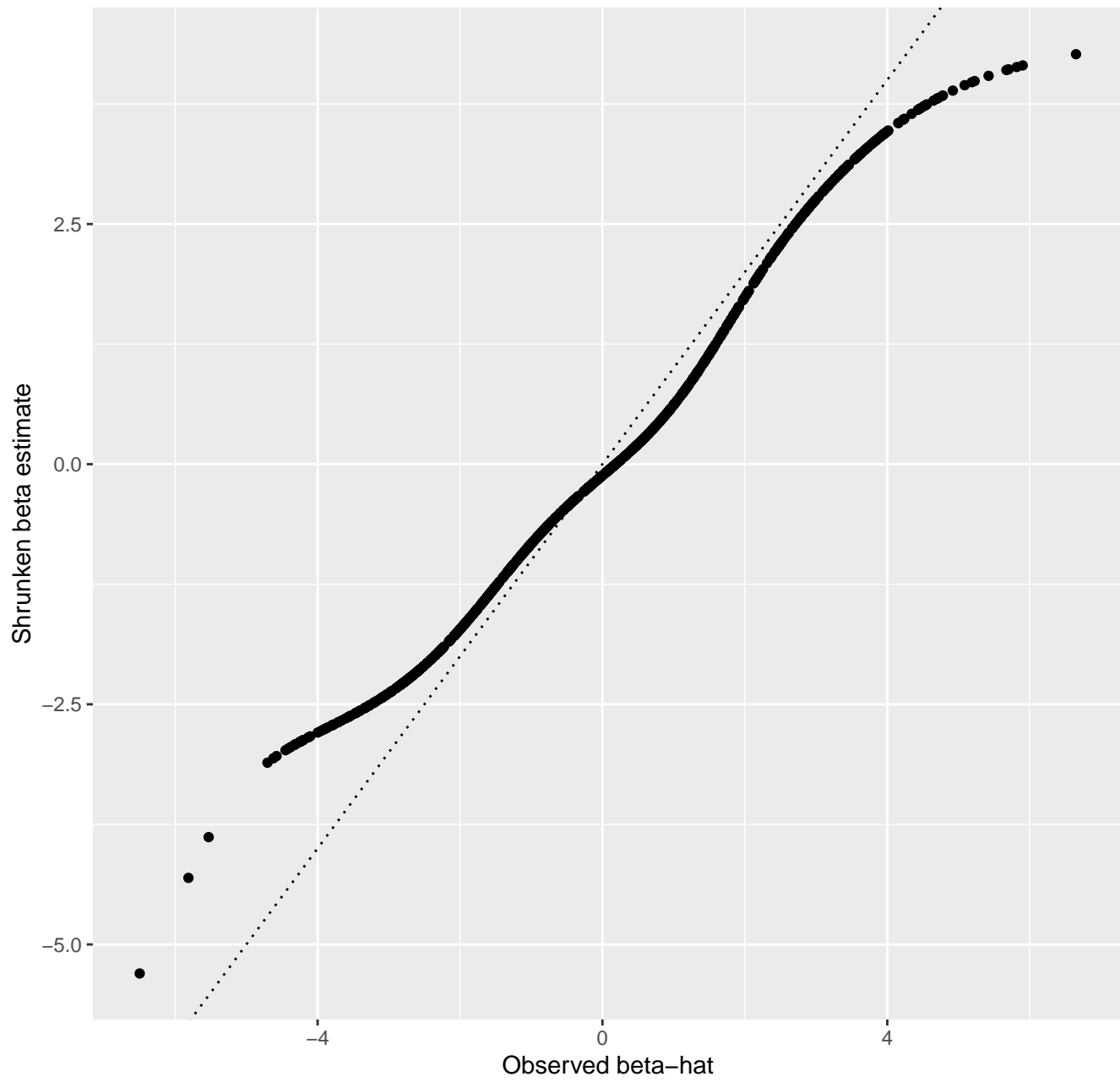
CXorf56\_(63932) negative



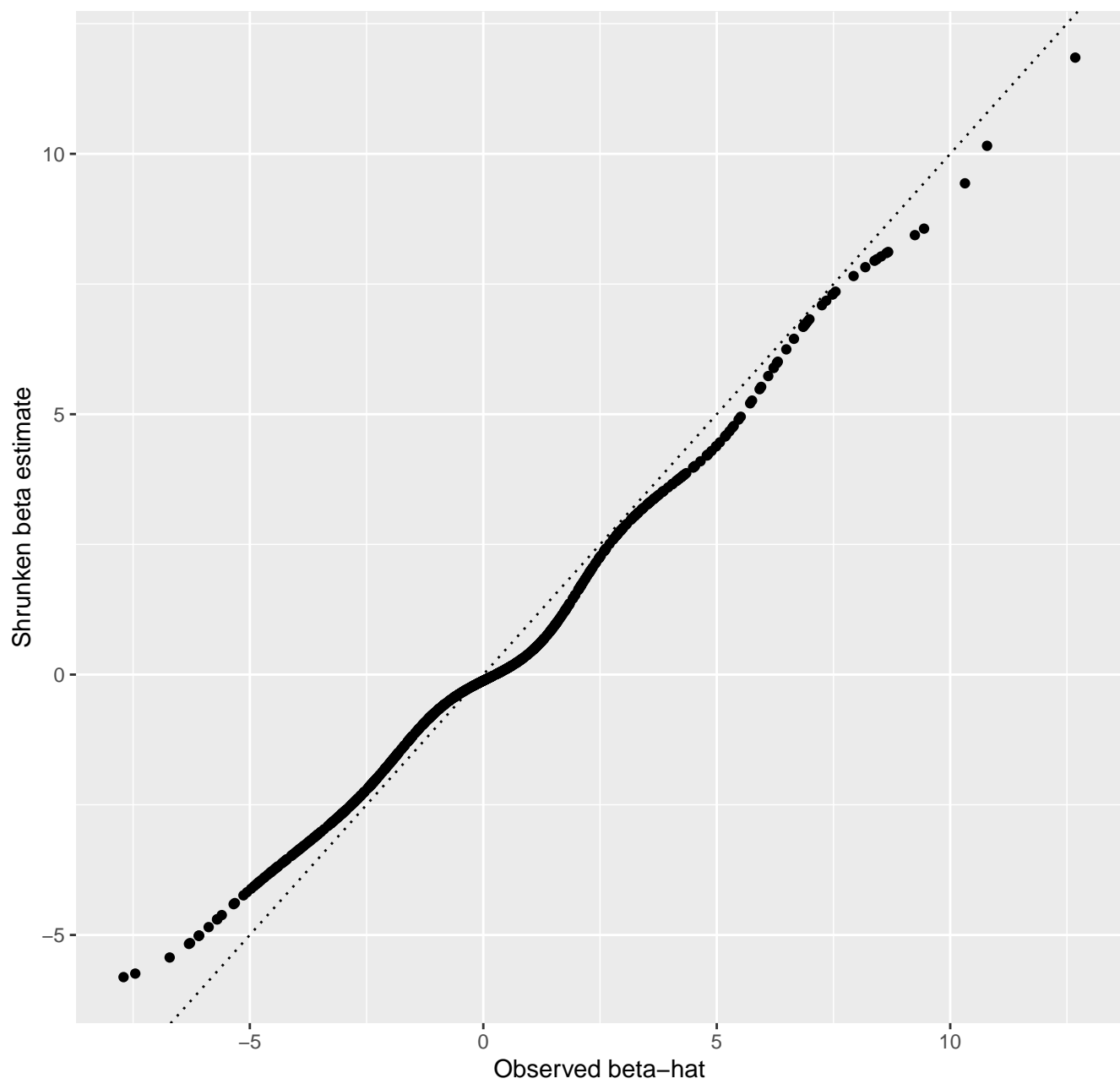
KCNK5\_(8645) negative



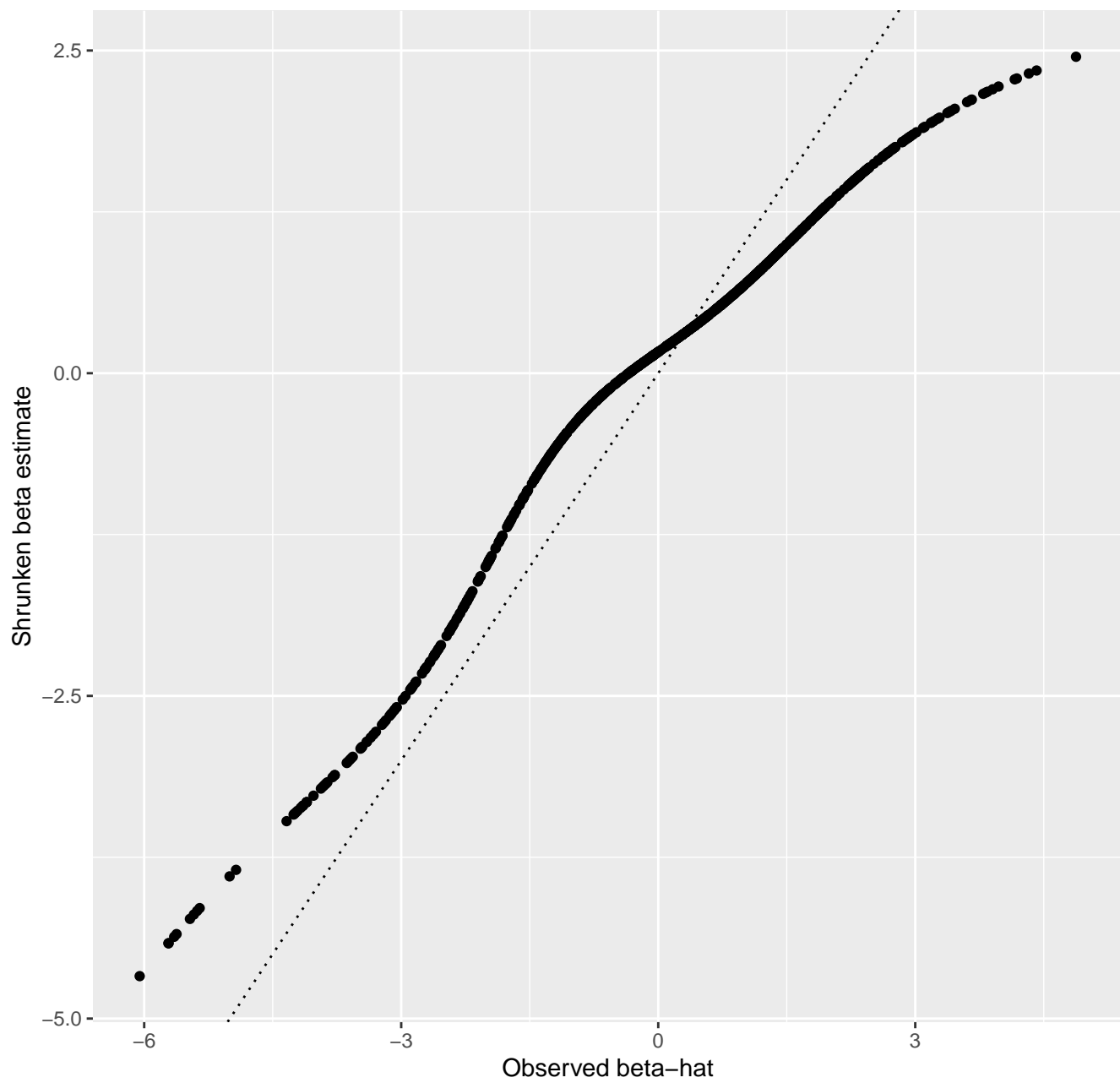
PTPN11\_(5781) positive



AMBRA1\_(55626) positive

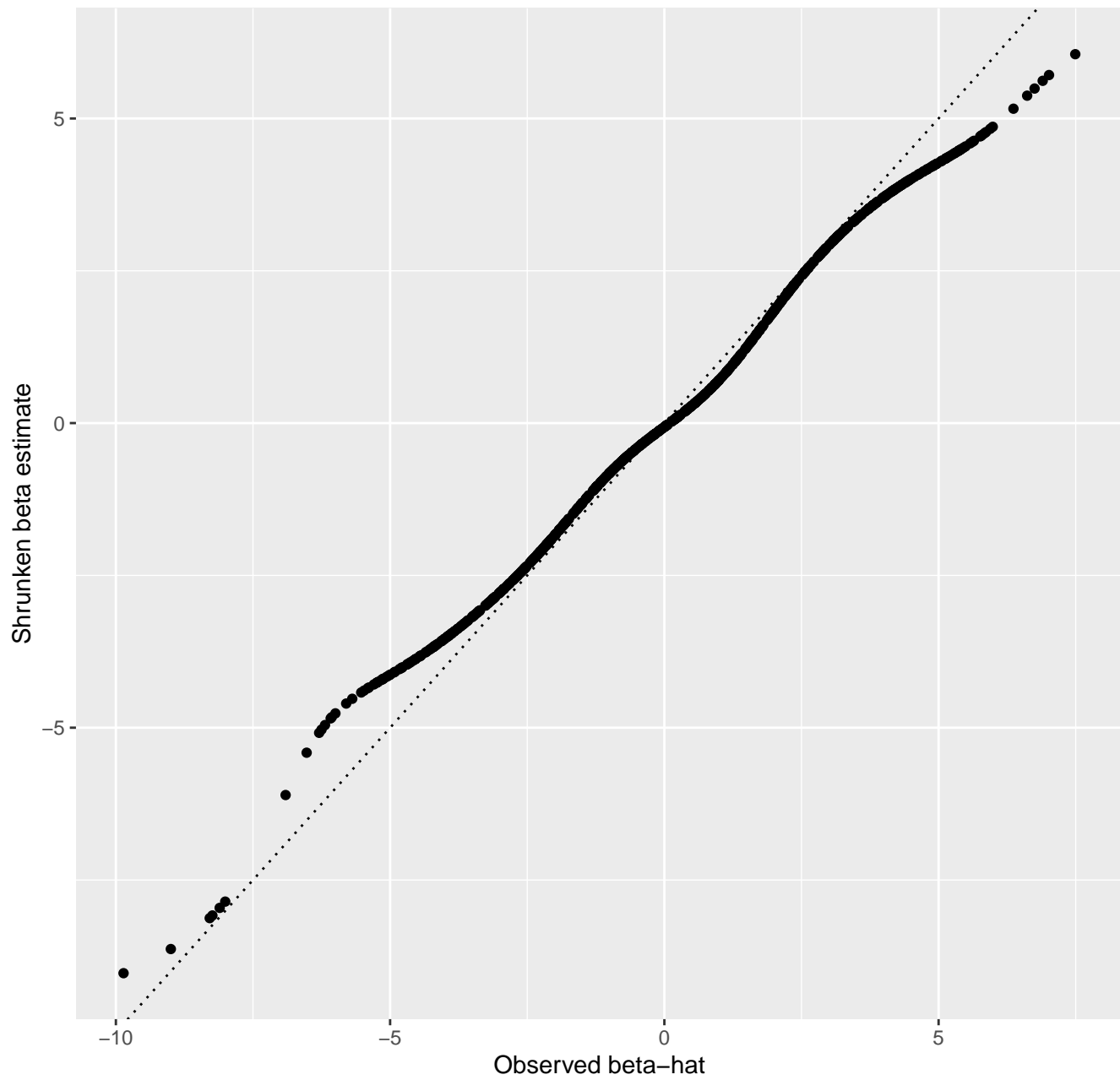


NDUFB6\_(4712) negative

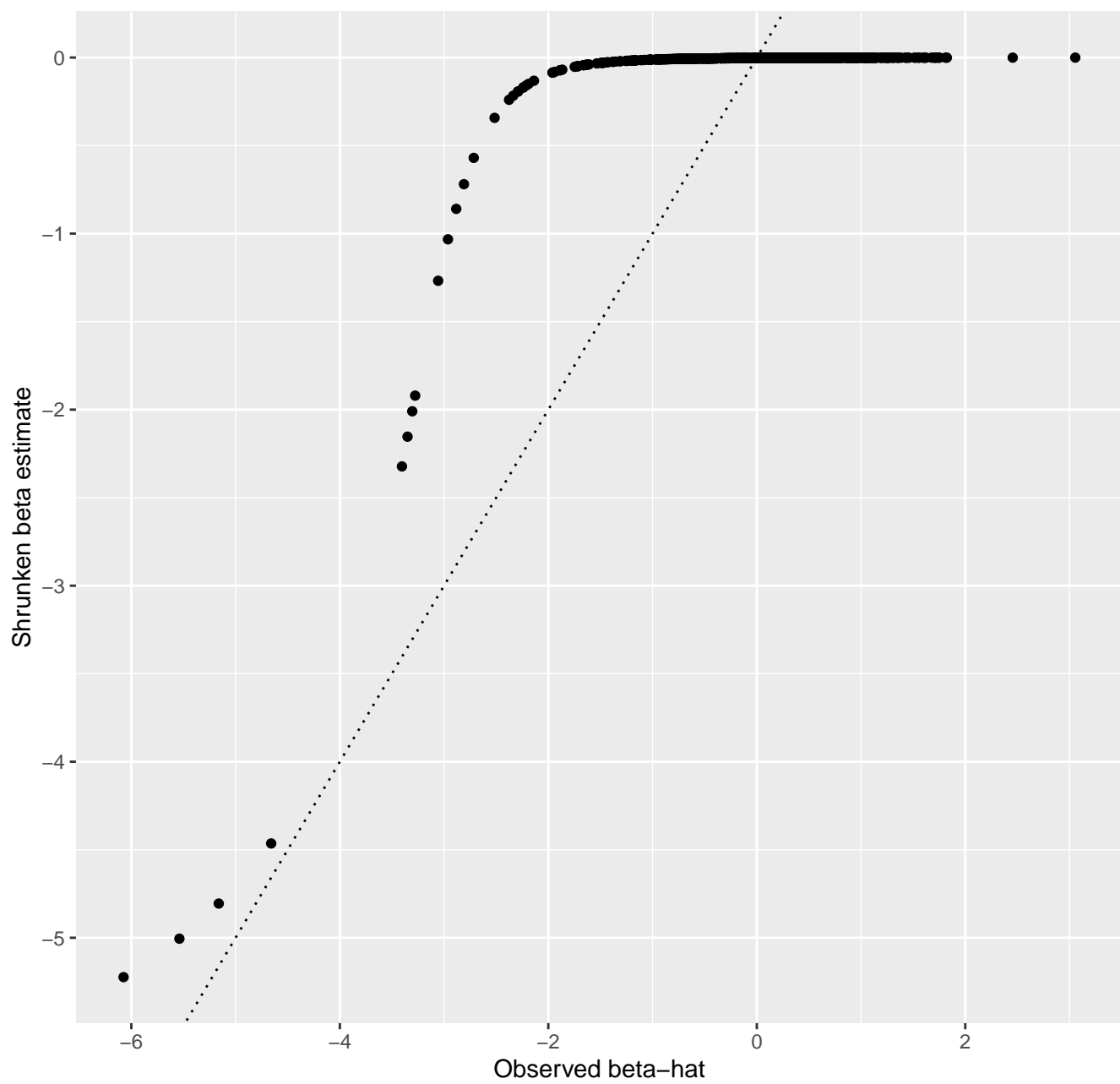




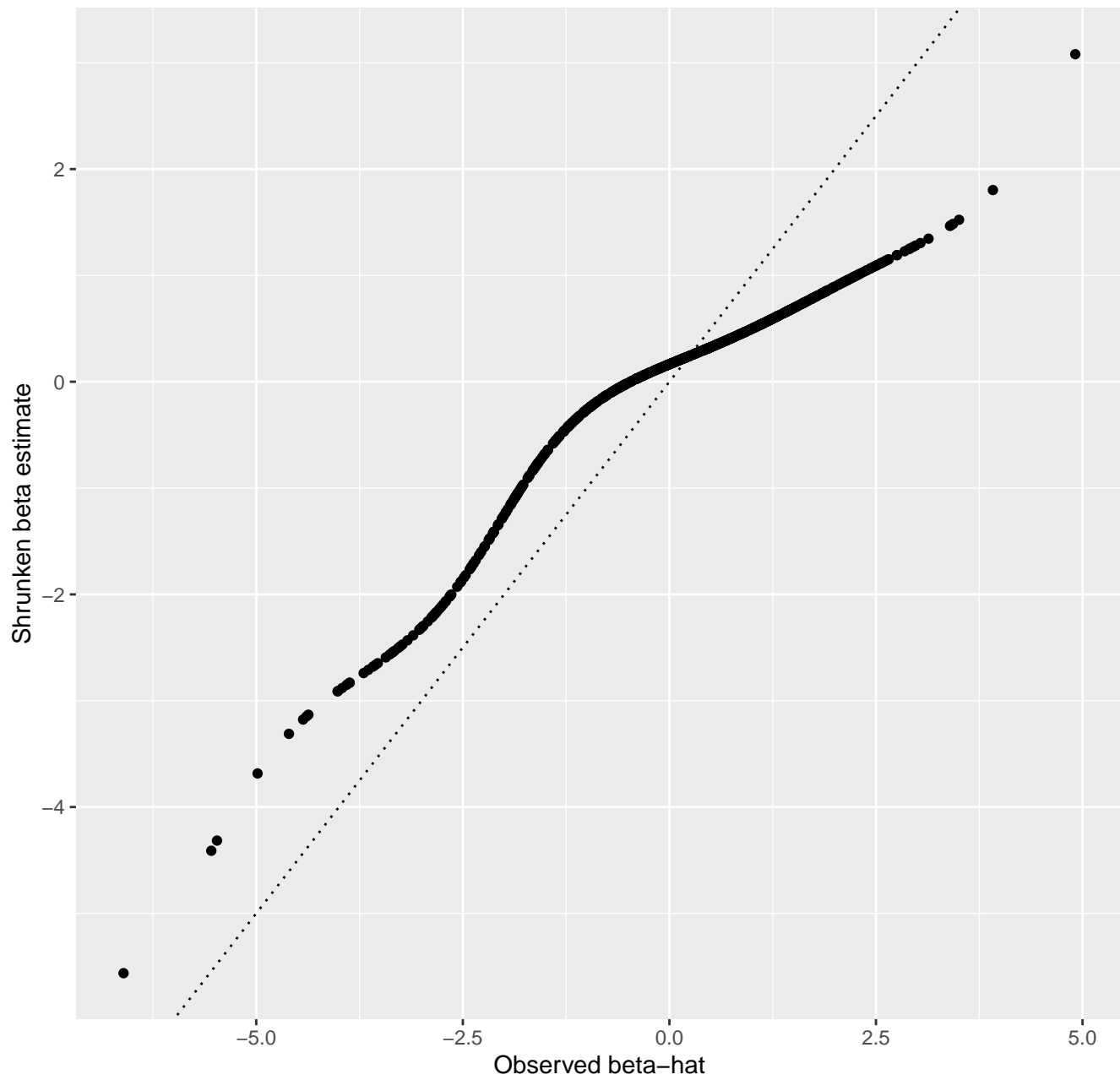
WDR1\_(9948) positive



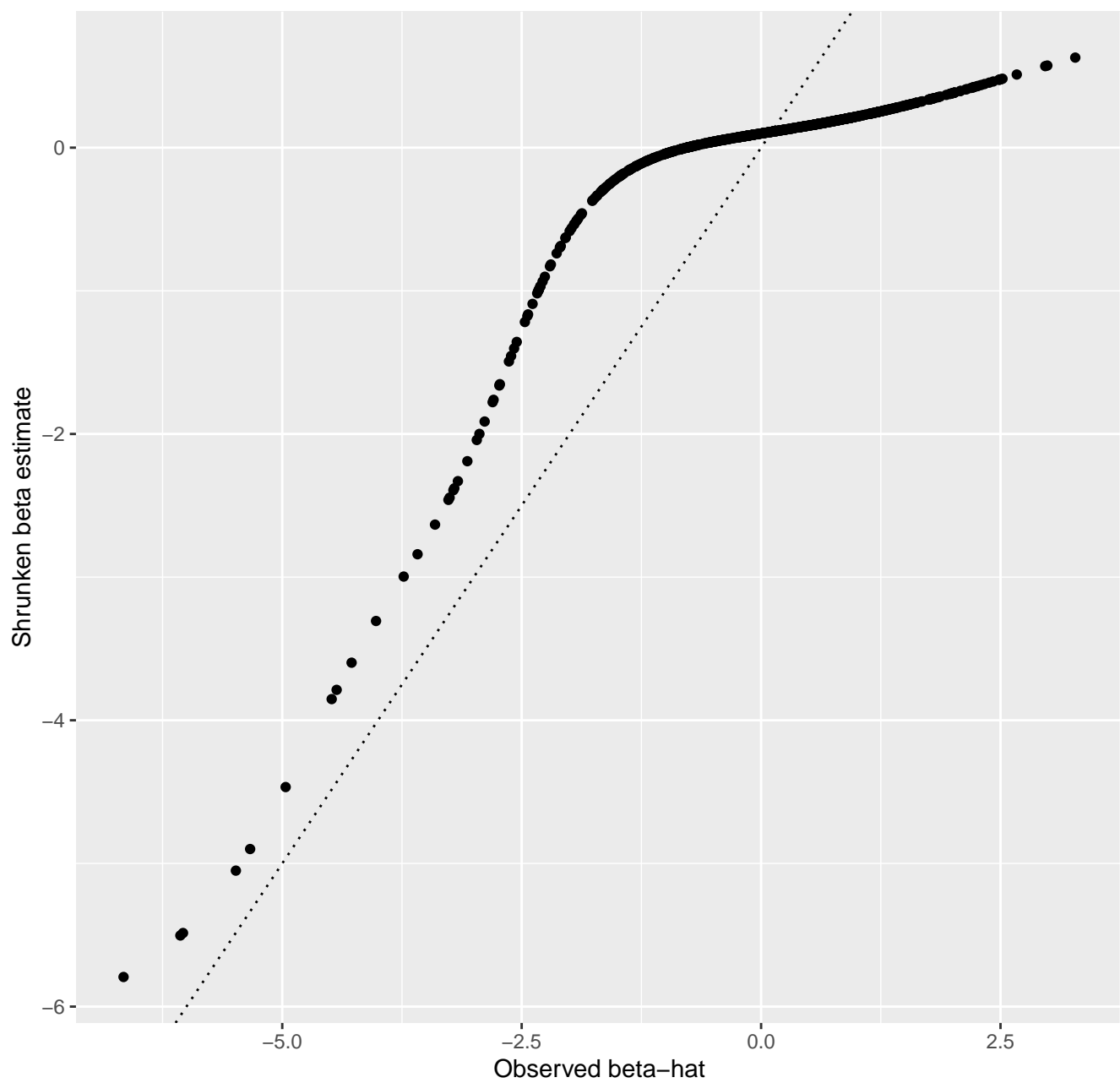
JAGN1\_(84522) negative



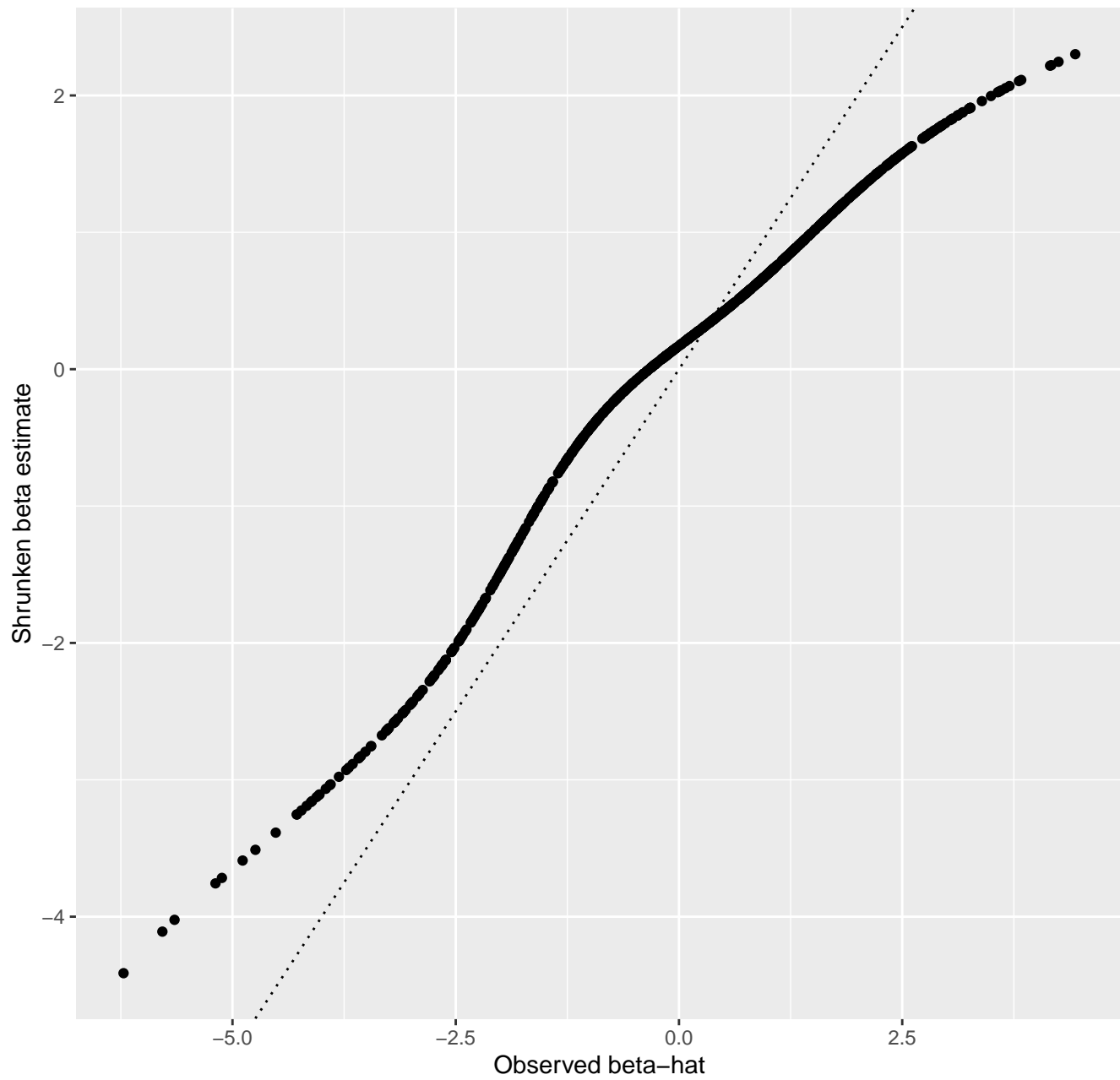
TLK2\_(11011) negative



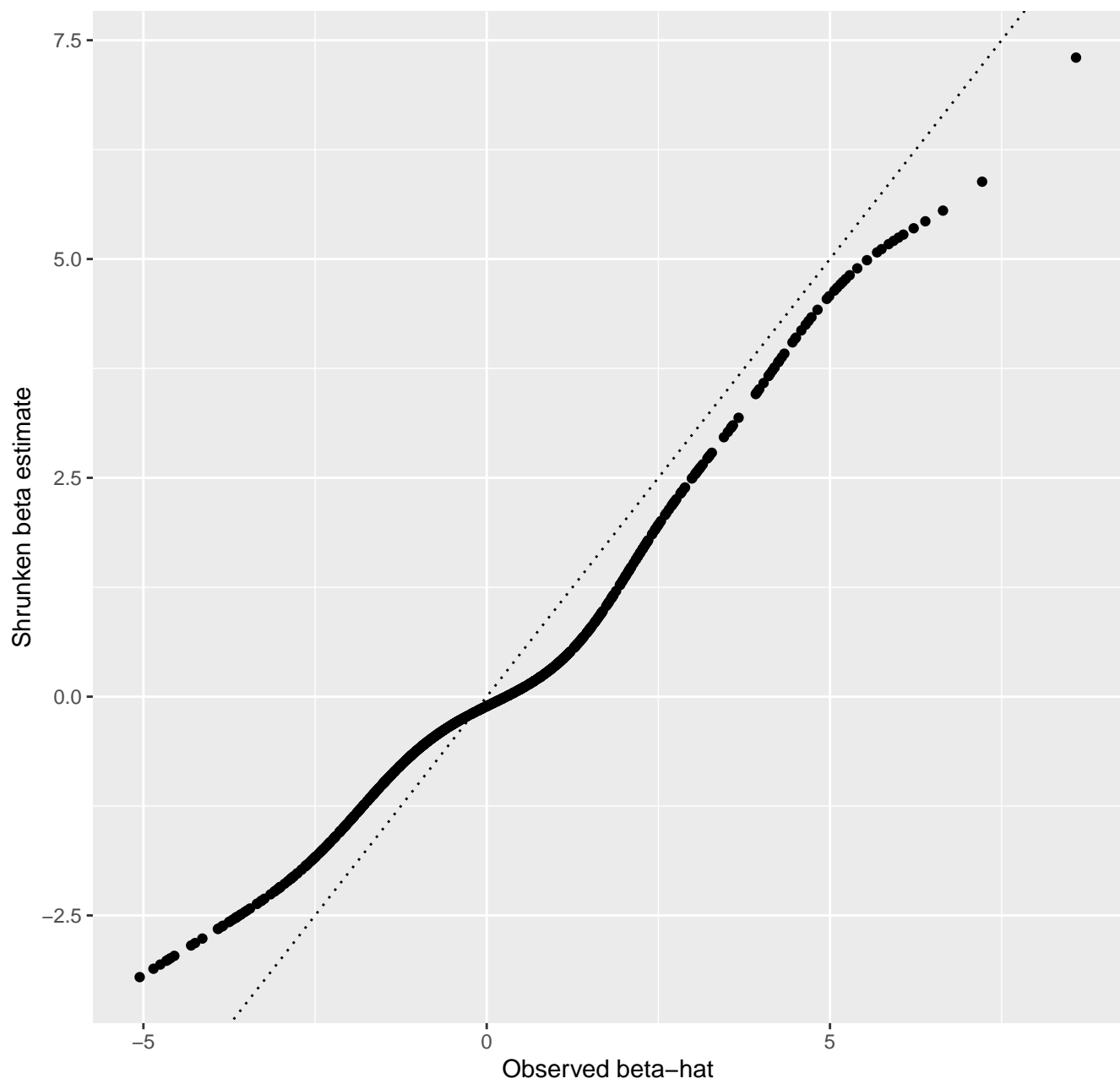
SEC23IP\_(11196) negative



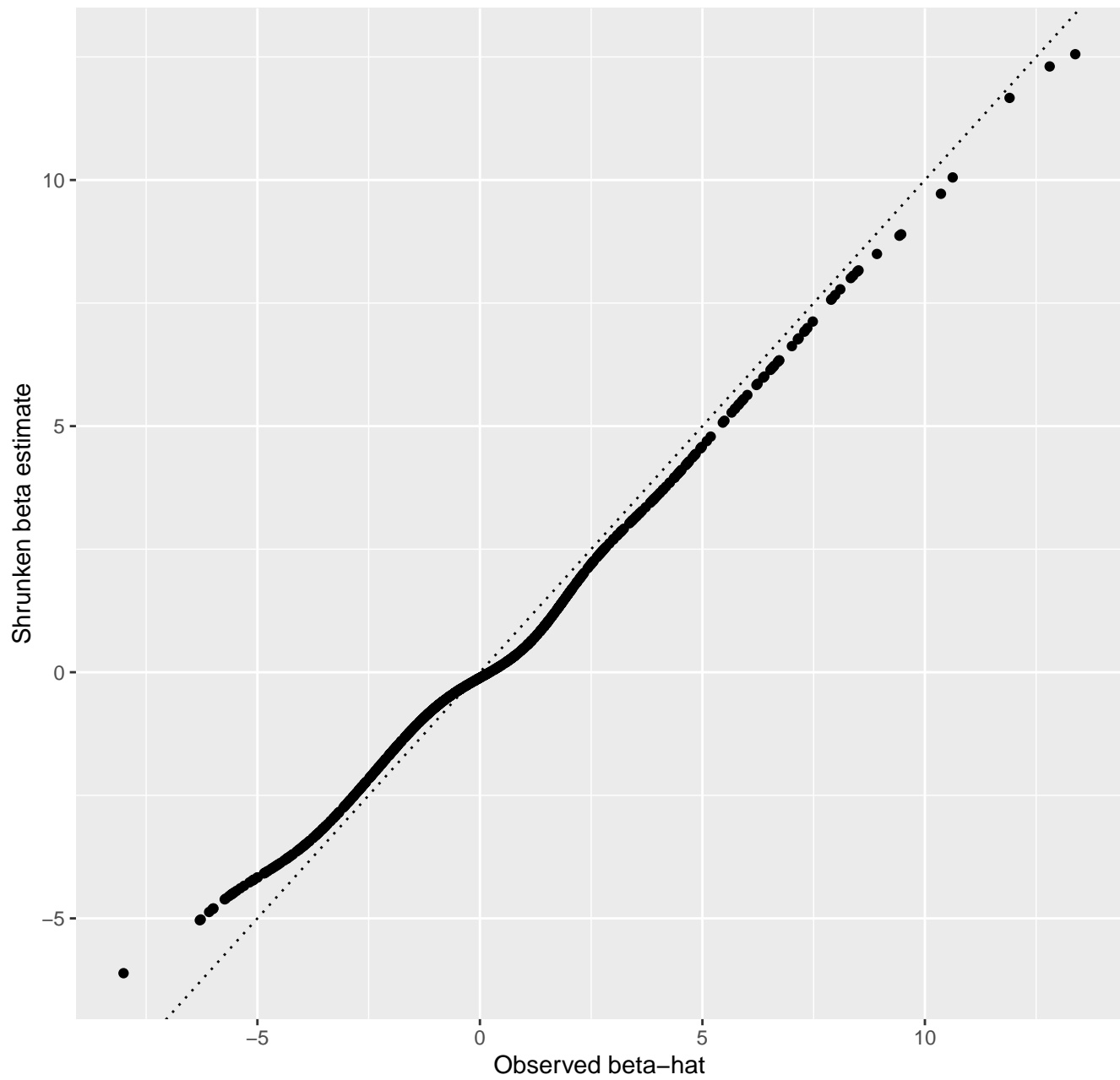
FPGS\_(2356) negative



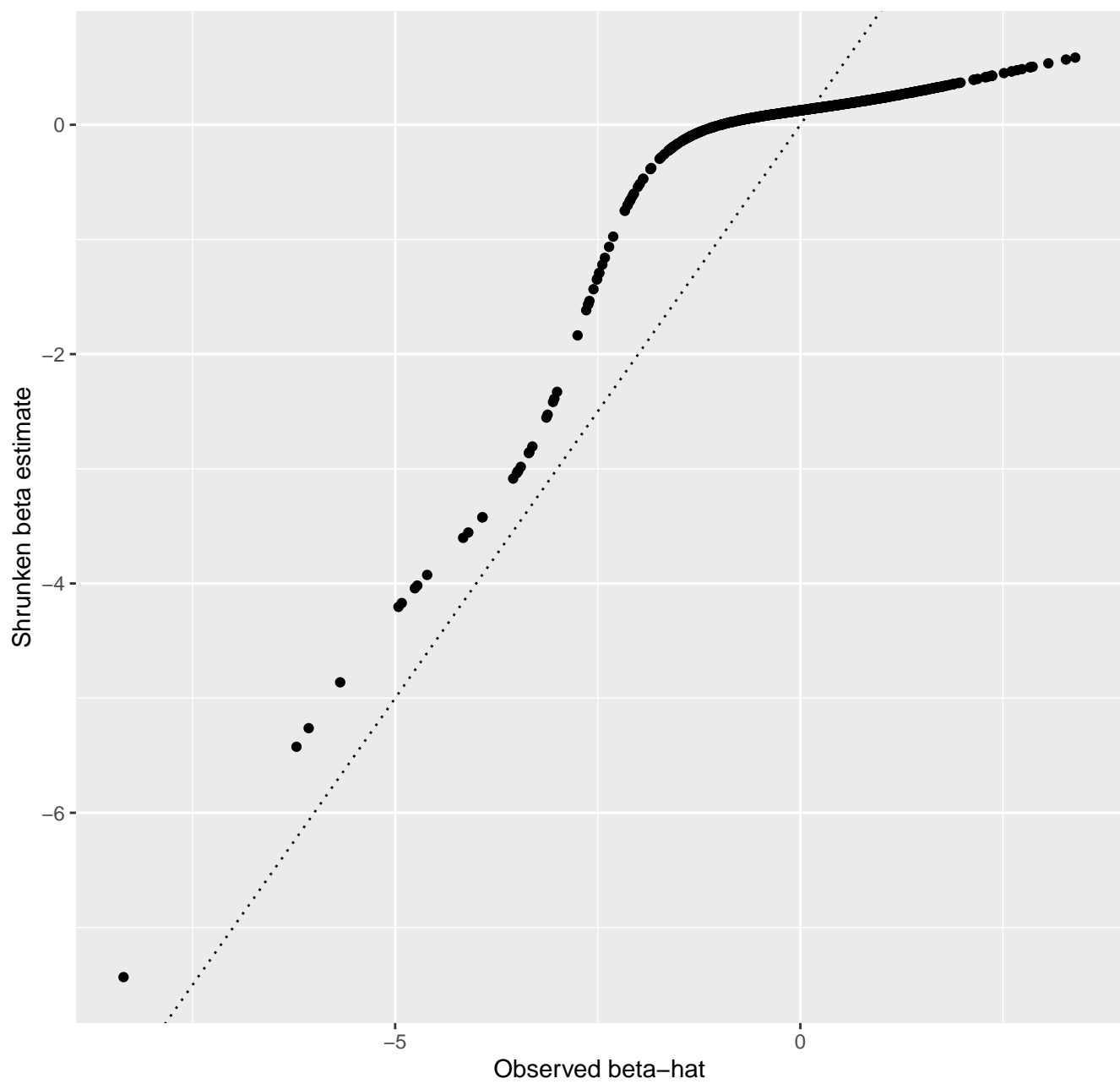
NCAPH2\_(29781) positive



TSC1\_(7248) positive

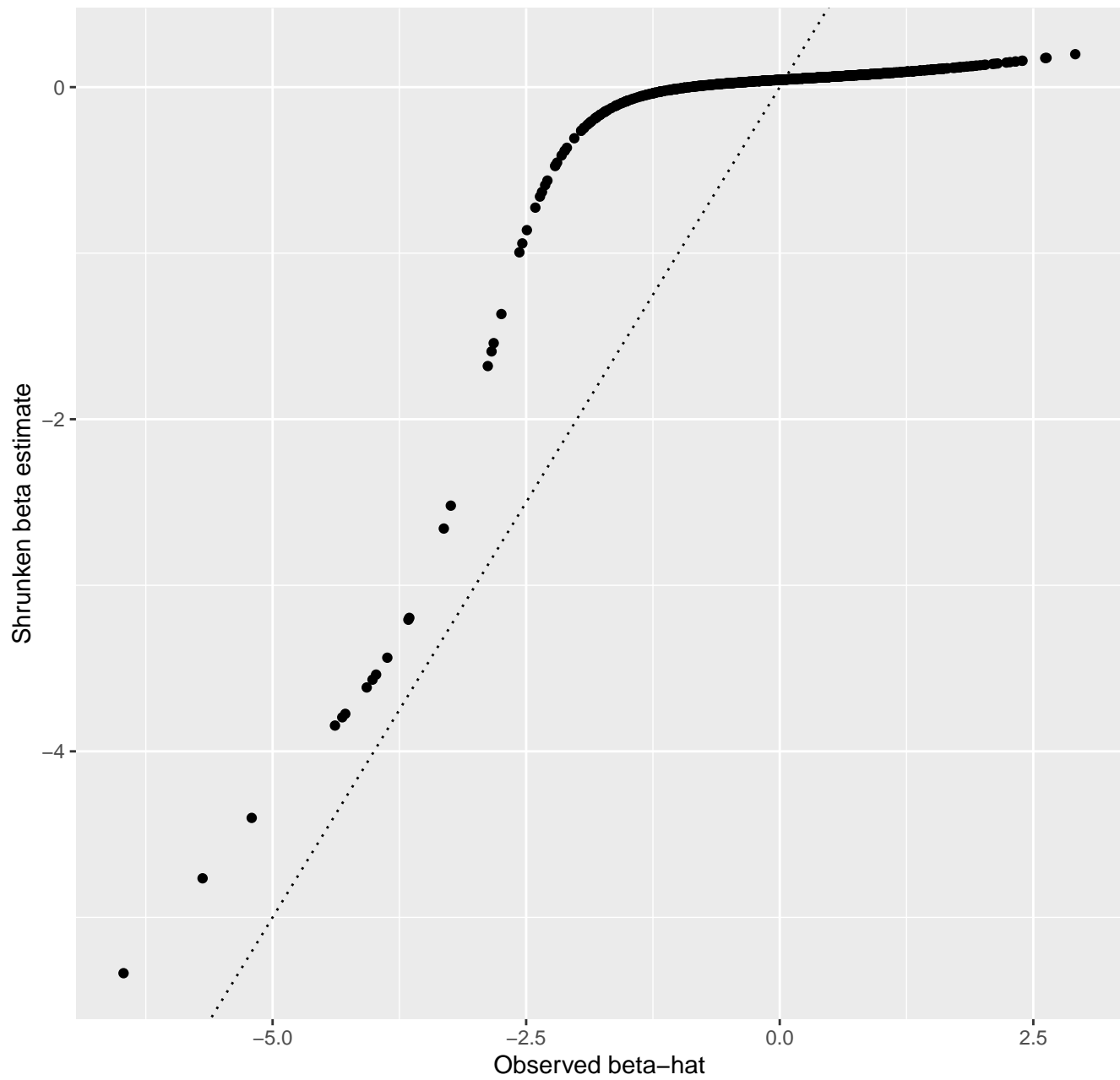


TMEM189\_(387521) negative

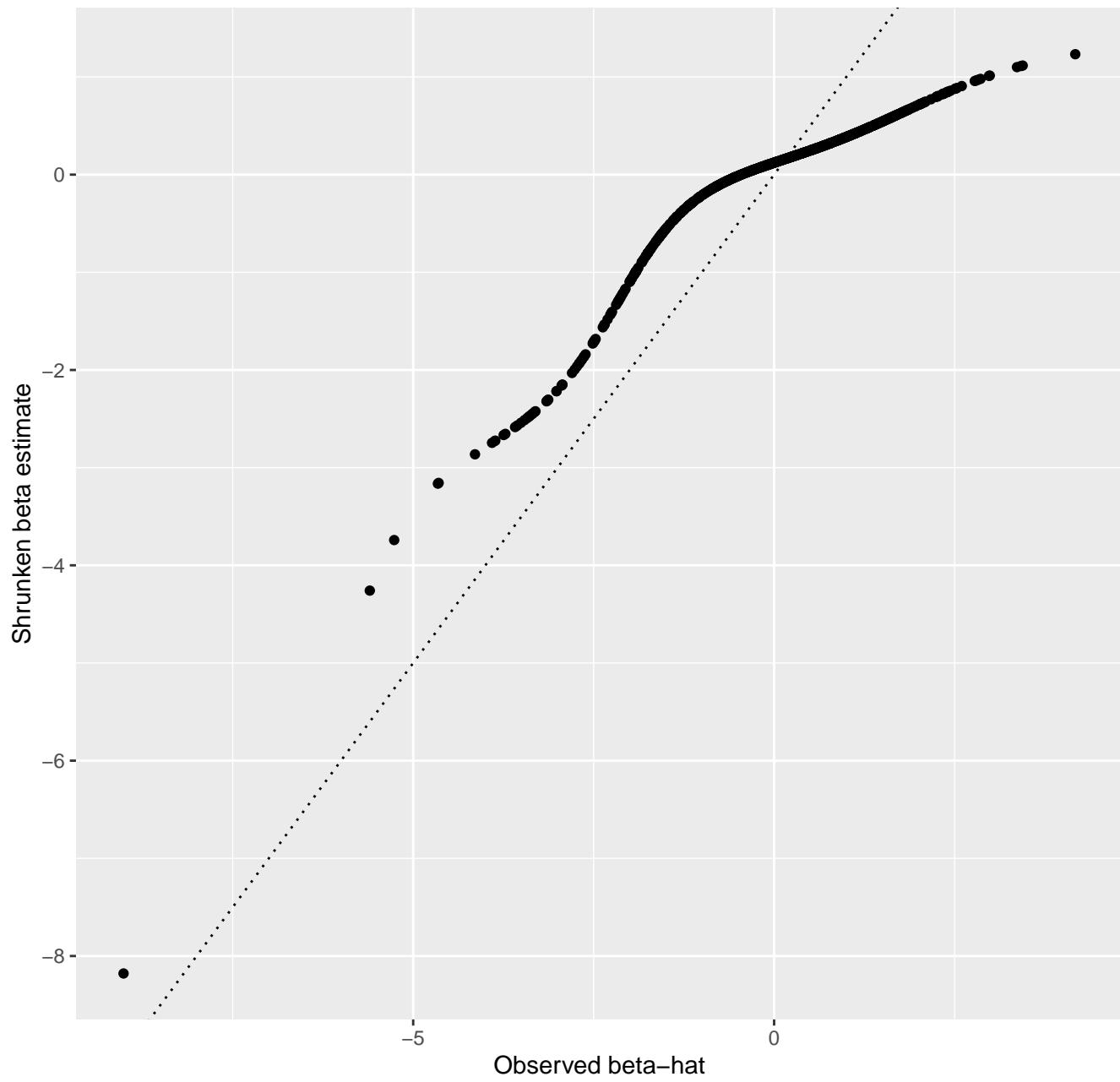




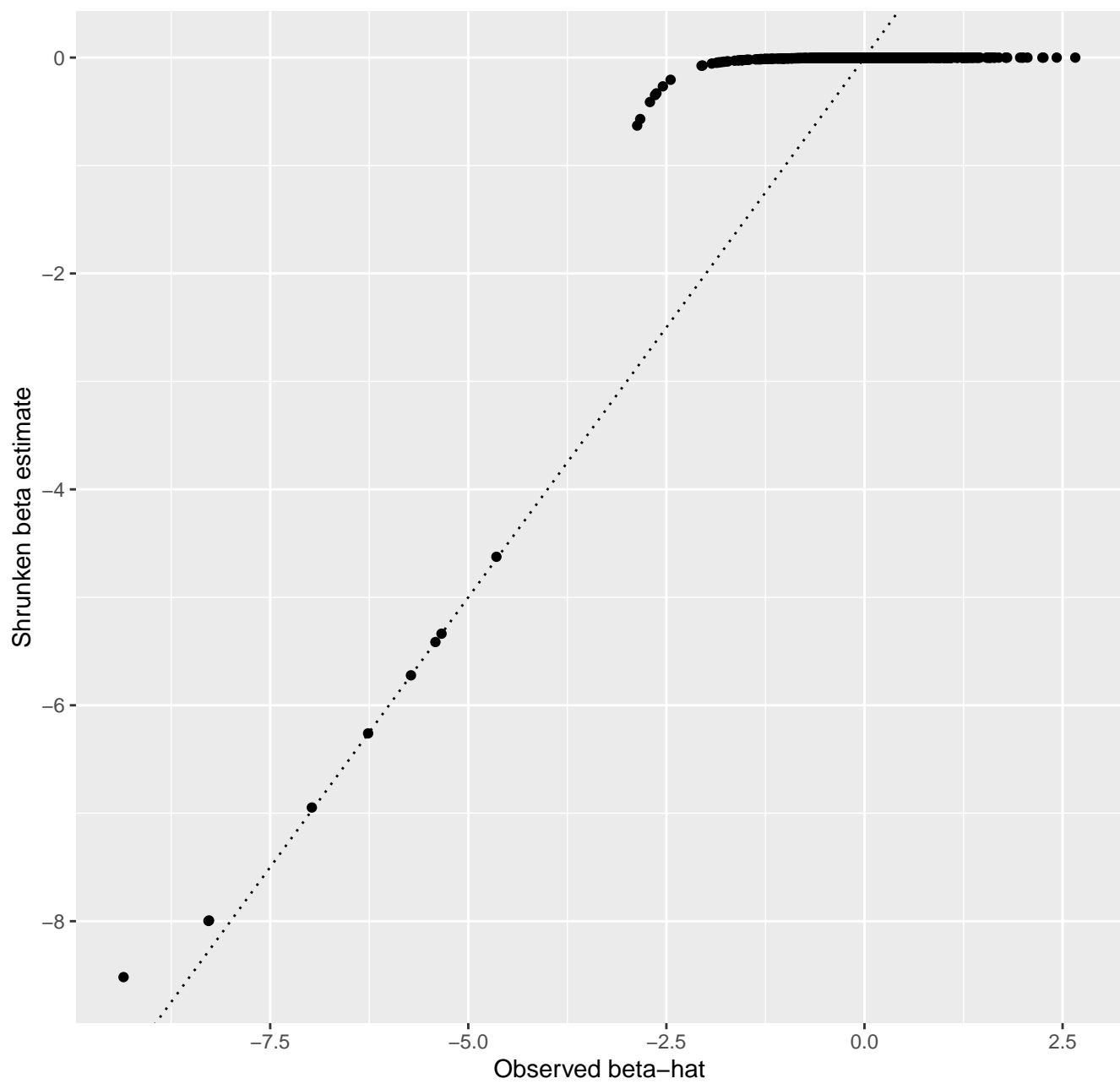
CR1L\_(1379) negative



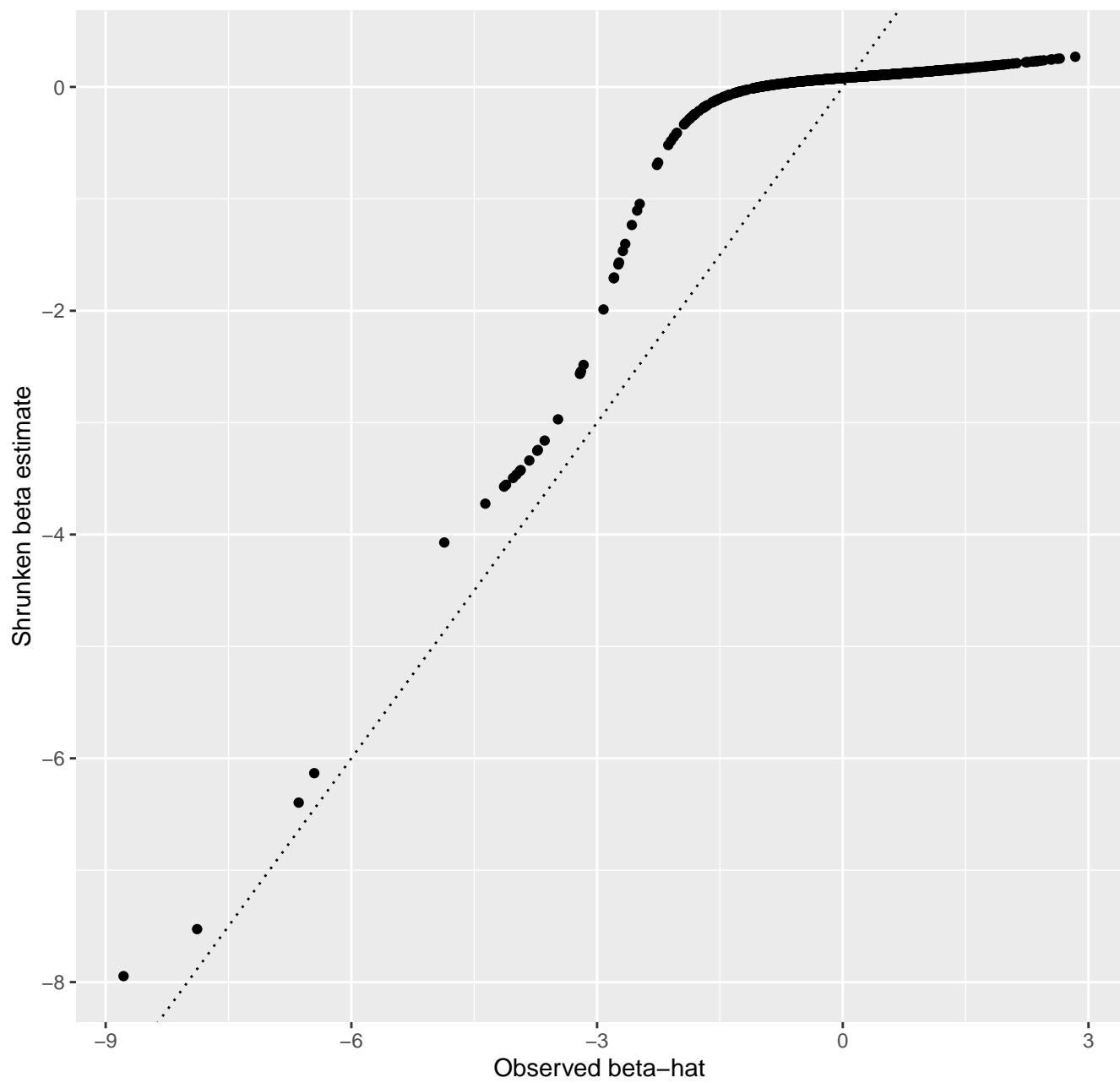
NRDC\_(4898) negative



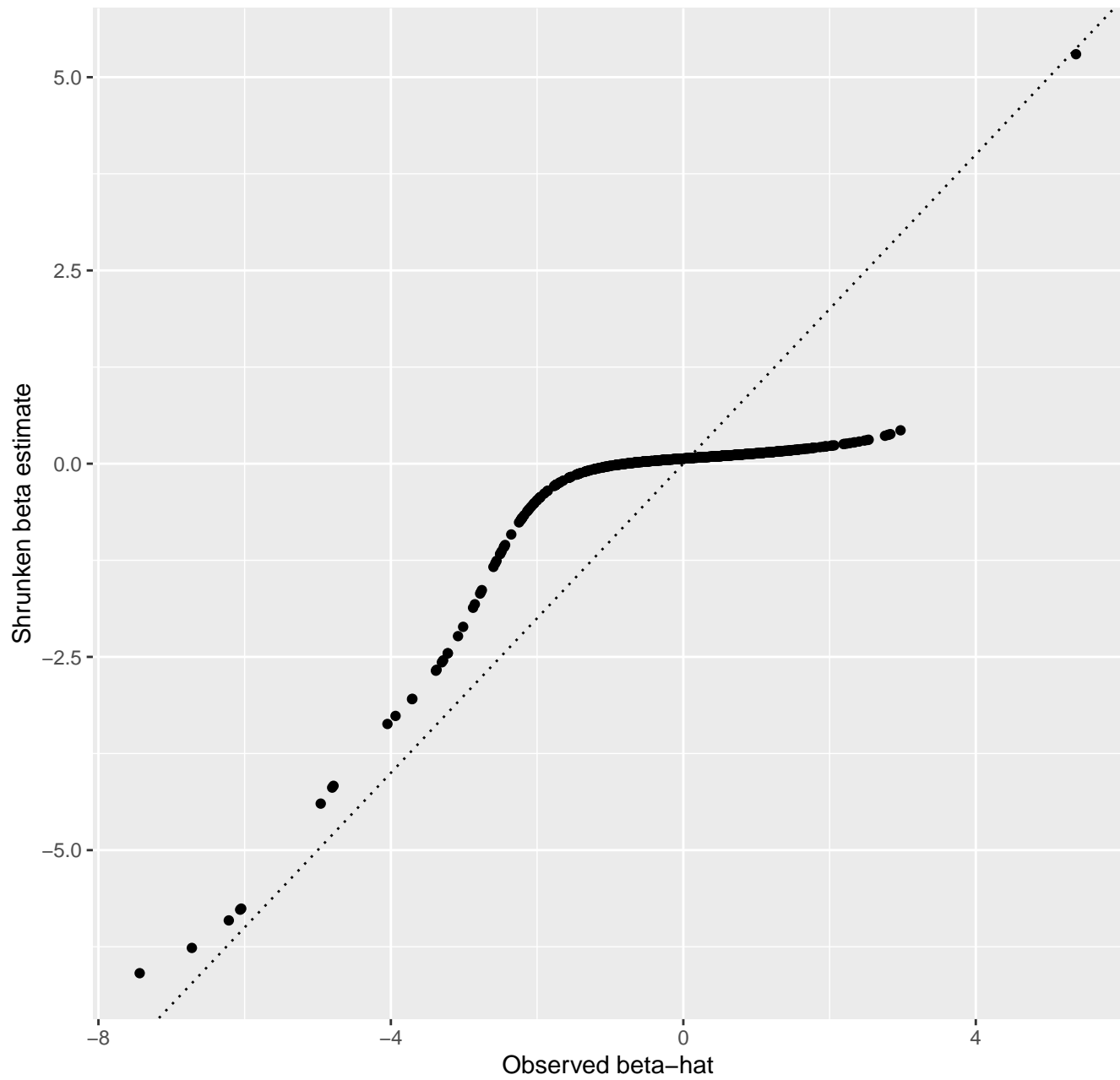
PRPS1\_(5631) negative



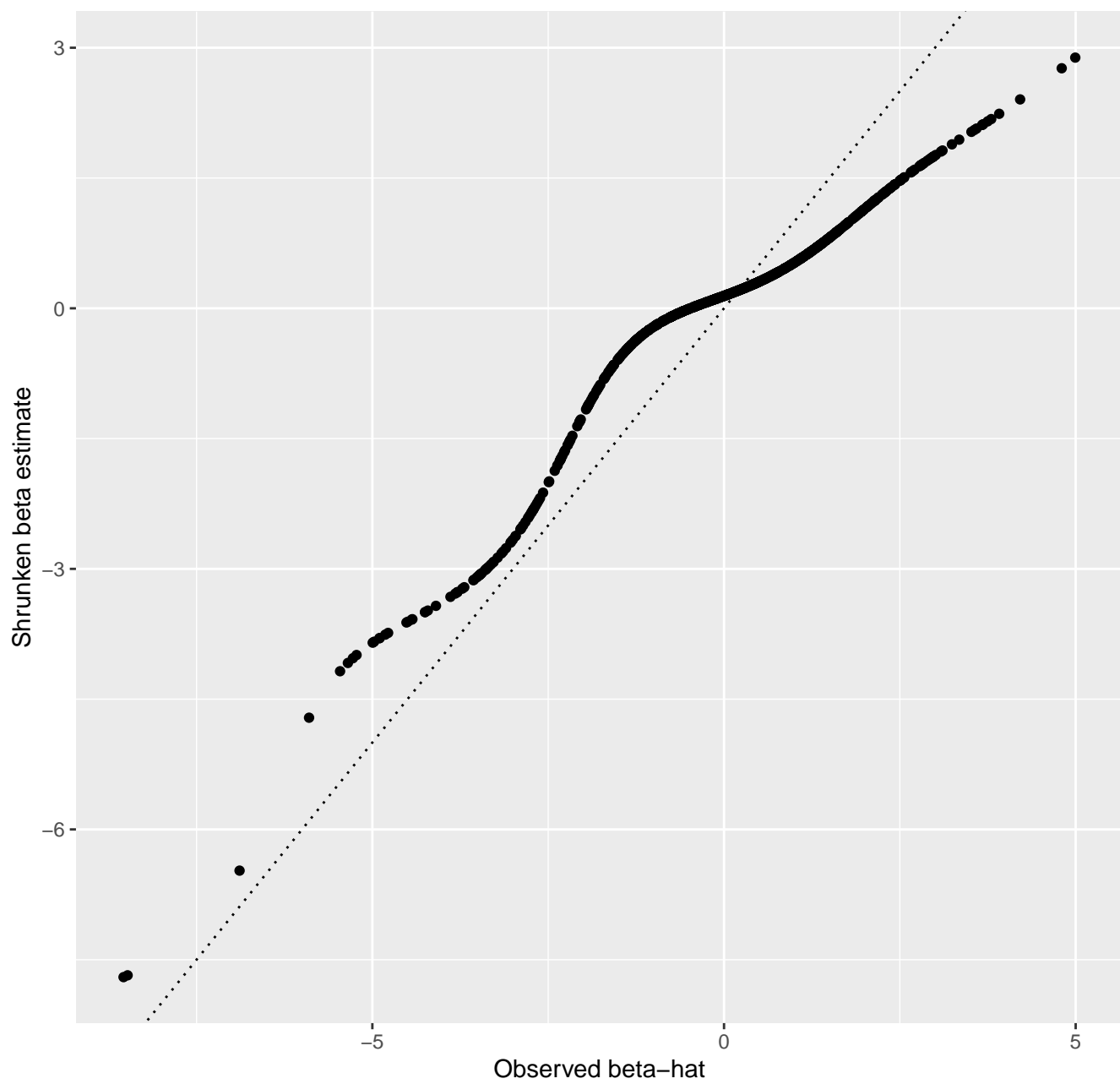
TFAP2C\_(7022) negative



MAN1A2\_(10905) negative



UBE2S\_(27338) negative



FGF4\_(2249) negative

