

Synchronized age-related gene expression changes across multiple tissues in human and the link to complex diseases

Running Title: Age-related gene expression changes in multiple tissues

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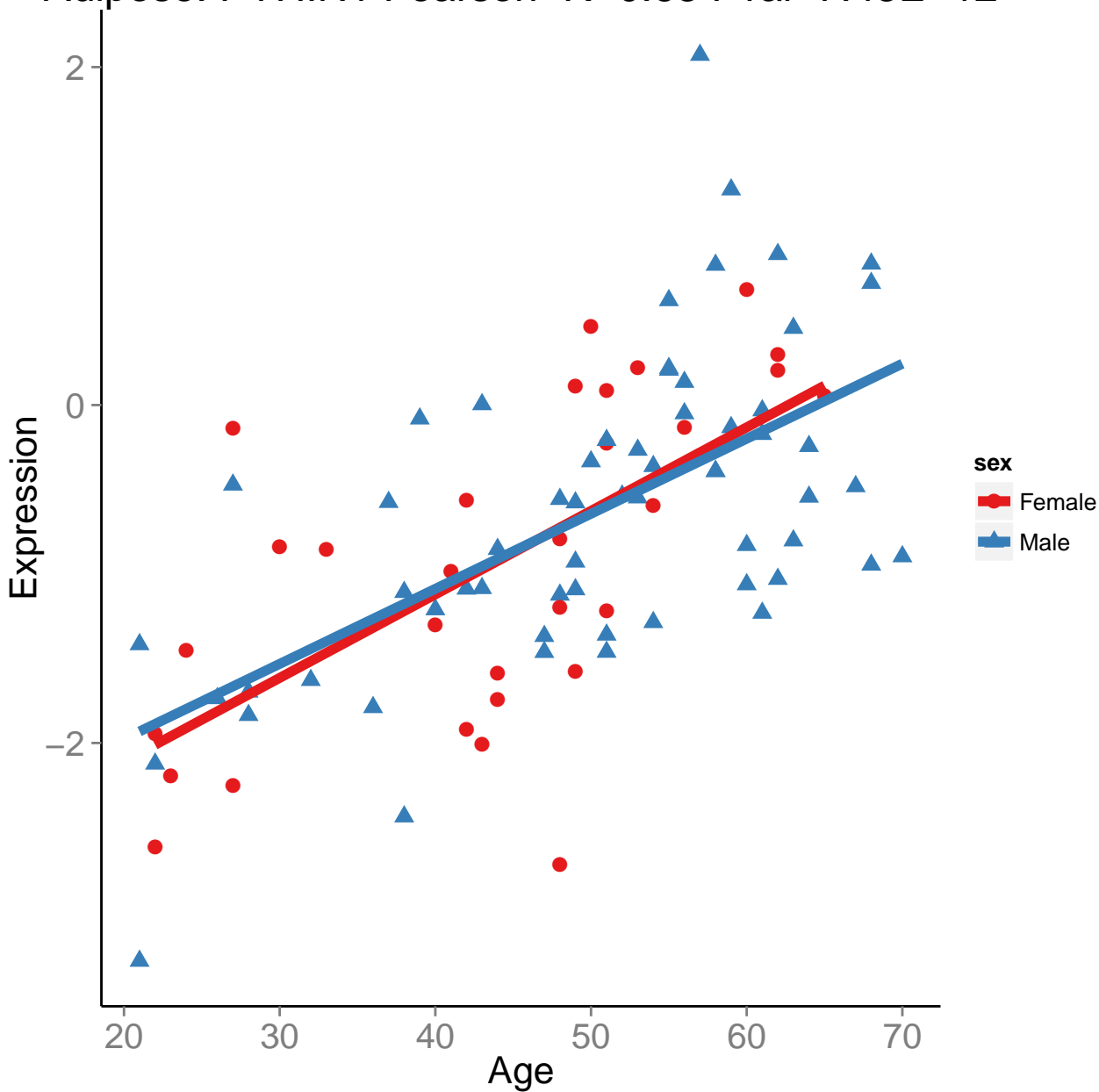
¶ Current: Institute of Health Sciences, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, Shanghai 200031, People's Republic of China

*Corresponding author: Zhidong Tu

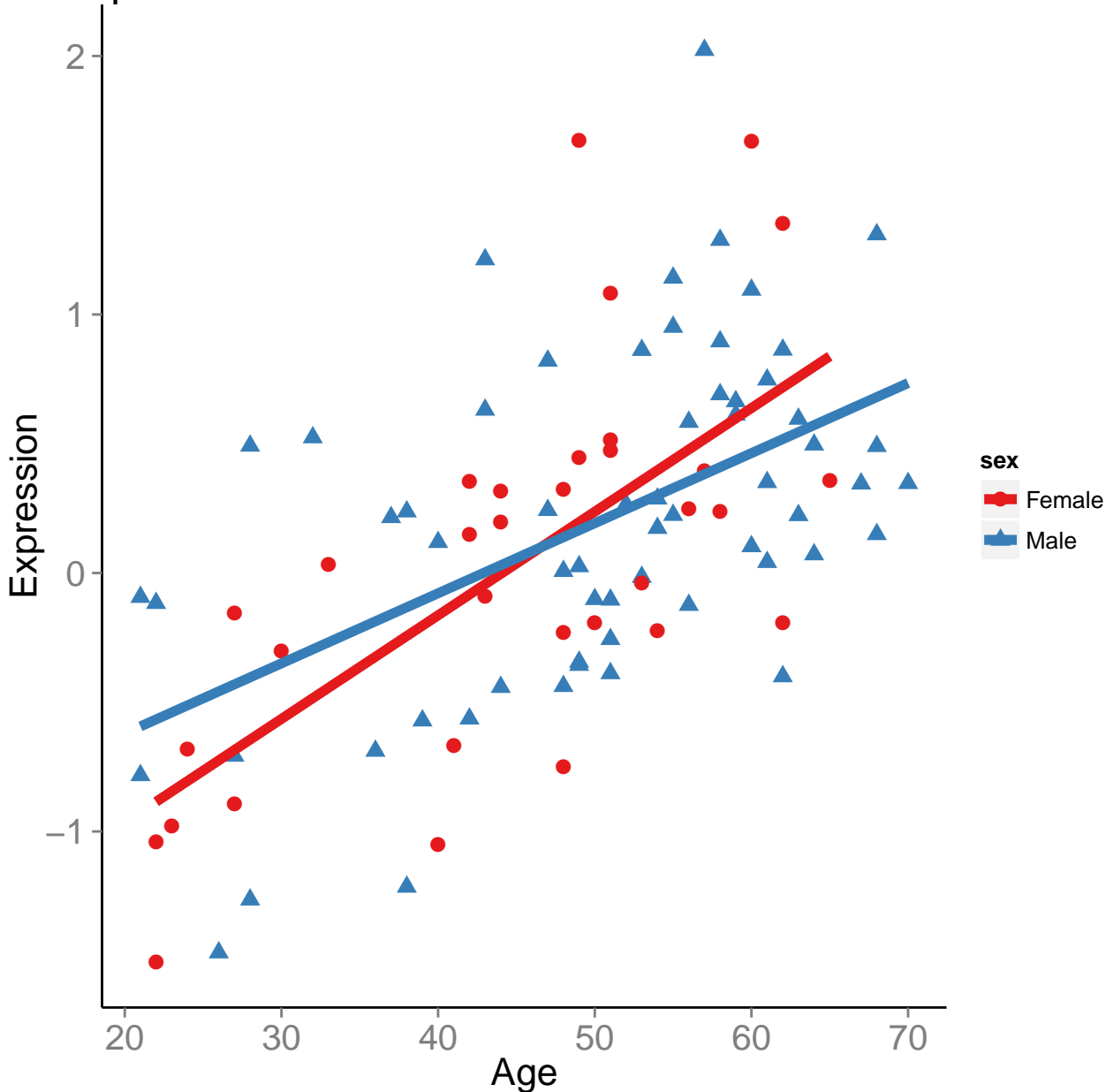
Icahn Institute for Genomics and Multiscale Biology, Department of Genetics and Genomic Sciences, Icahn School of Medicine at Mount Sinai, One Gustave L. Levy Place - Box 1498, 1425 Madison Ave, IMI 3-70F, New York, NY 10029-6574

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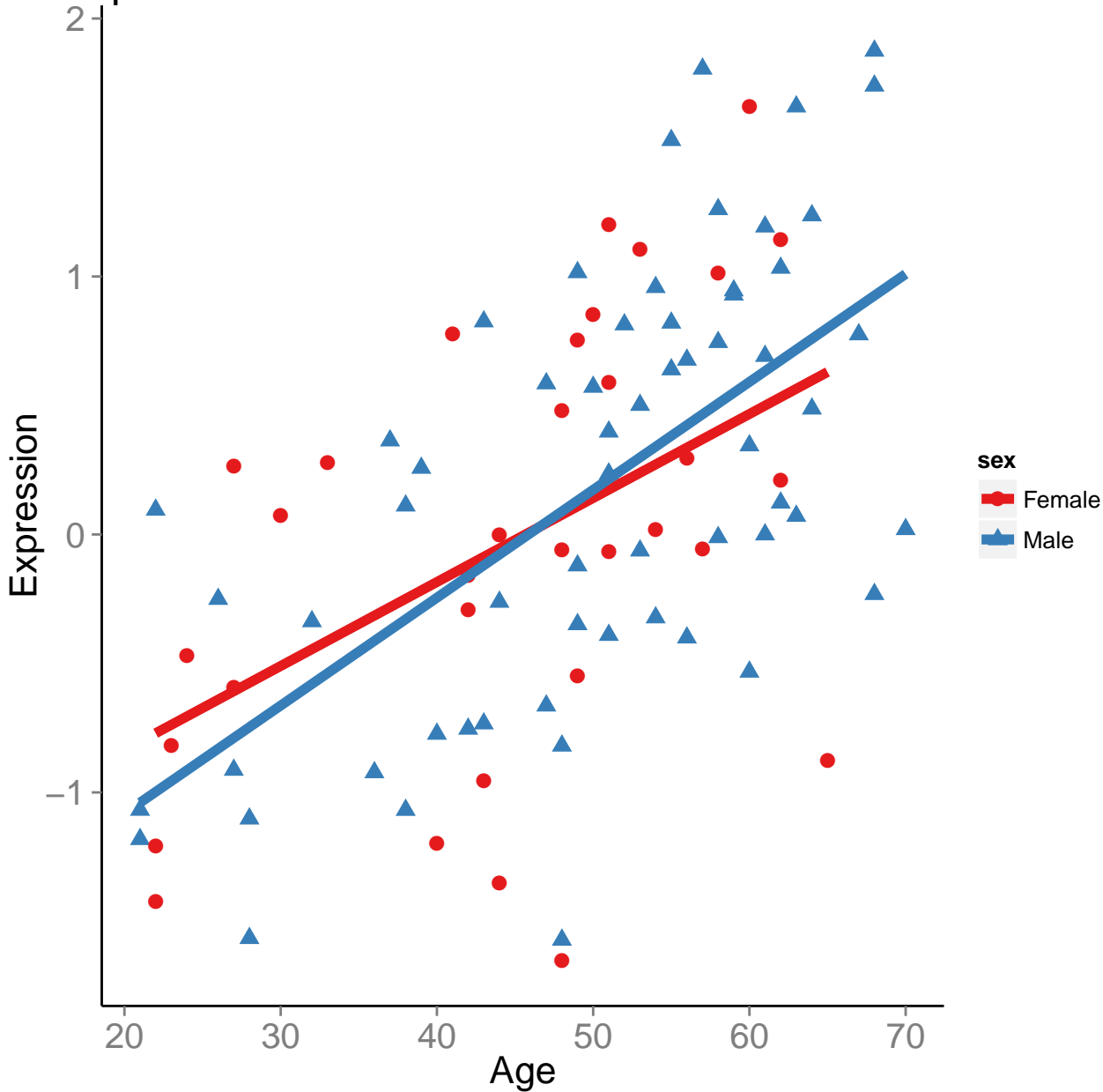
Adipose: PYHIN1 Pearson-R=0.63 Pval=7.43E-12



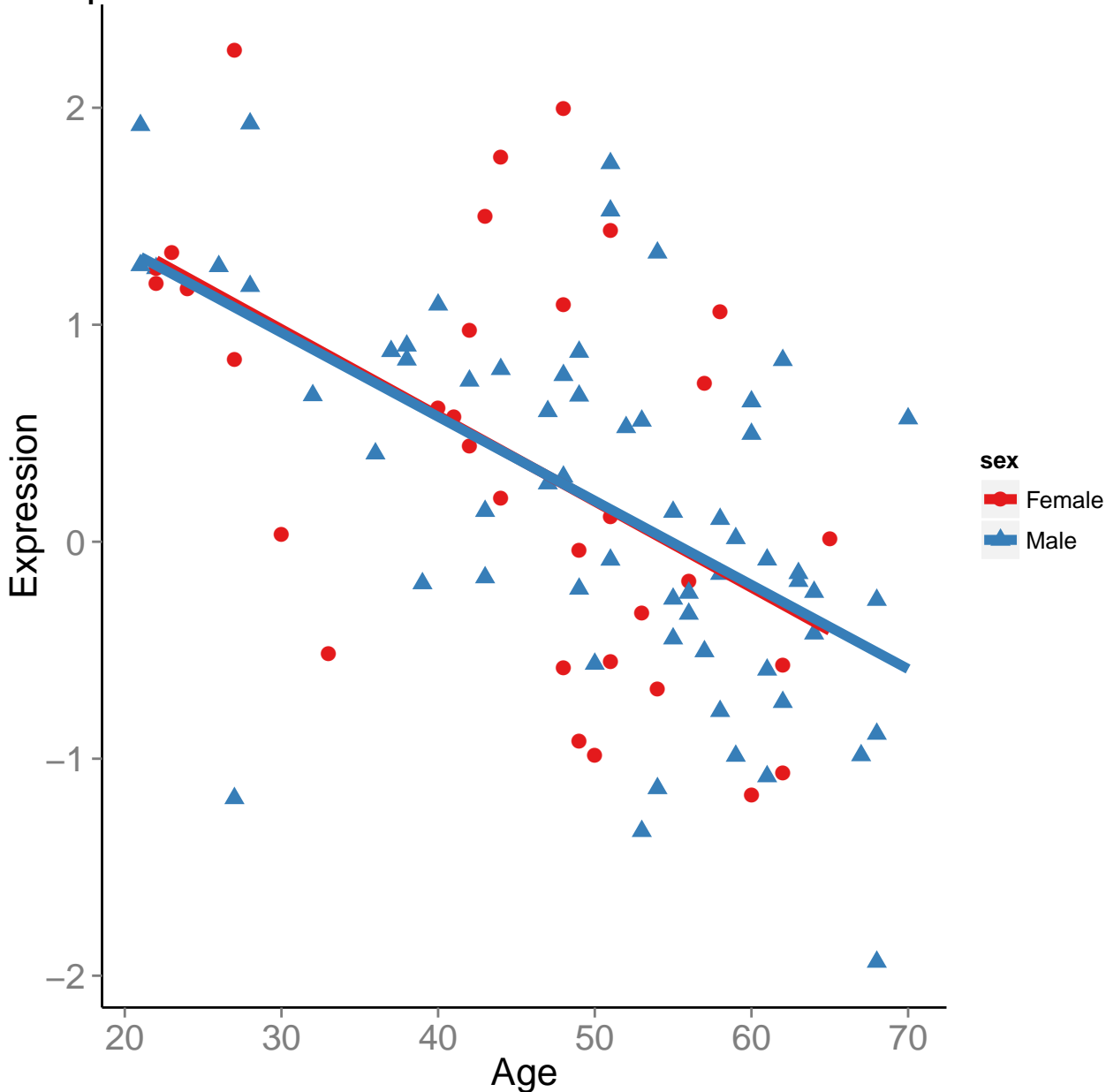
Adipose: SCN1B Pearson-R=0.58 Pval=6.15E-10



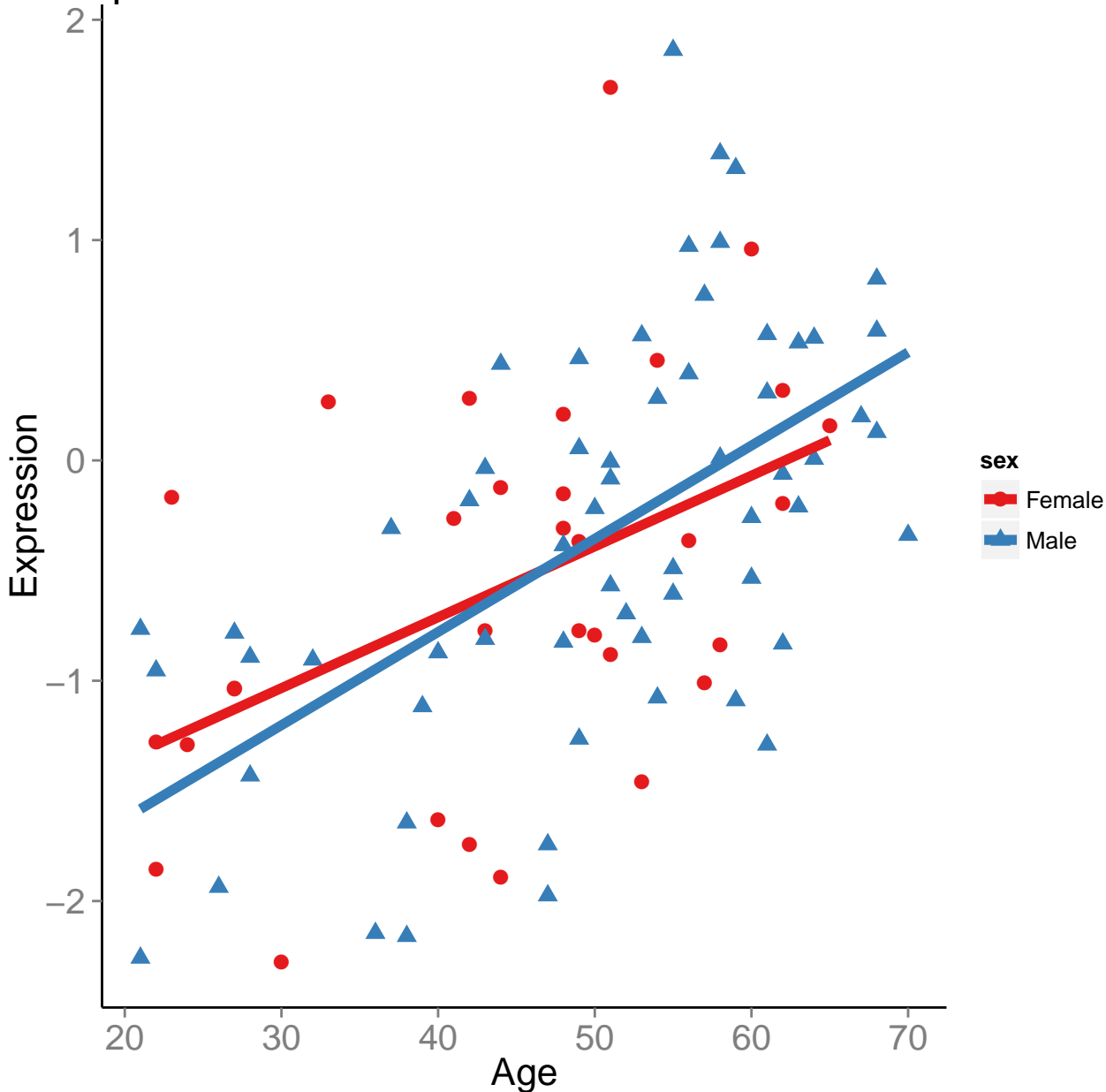
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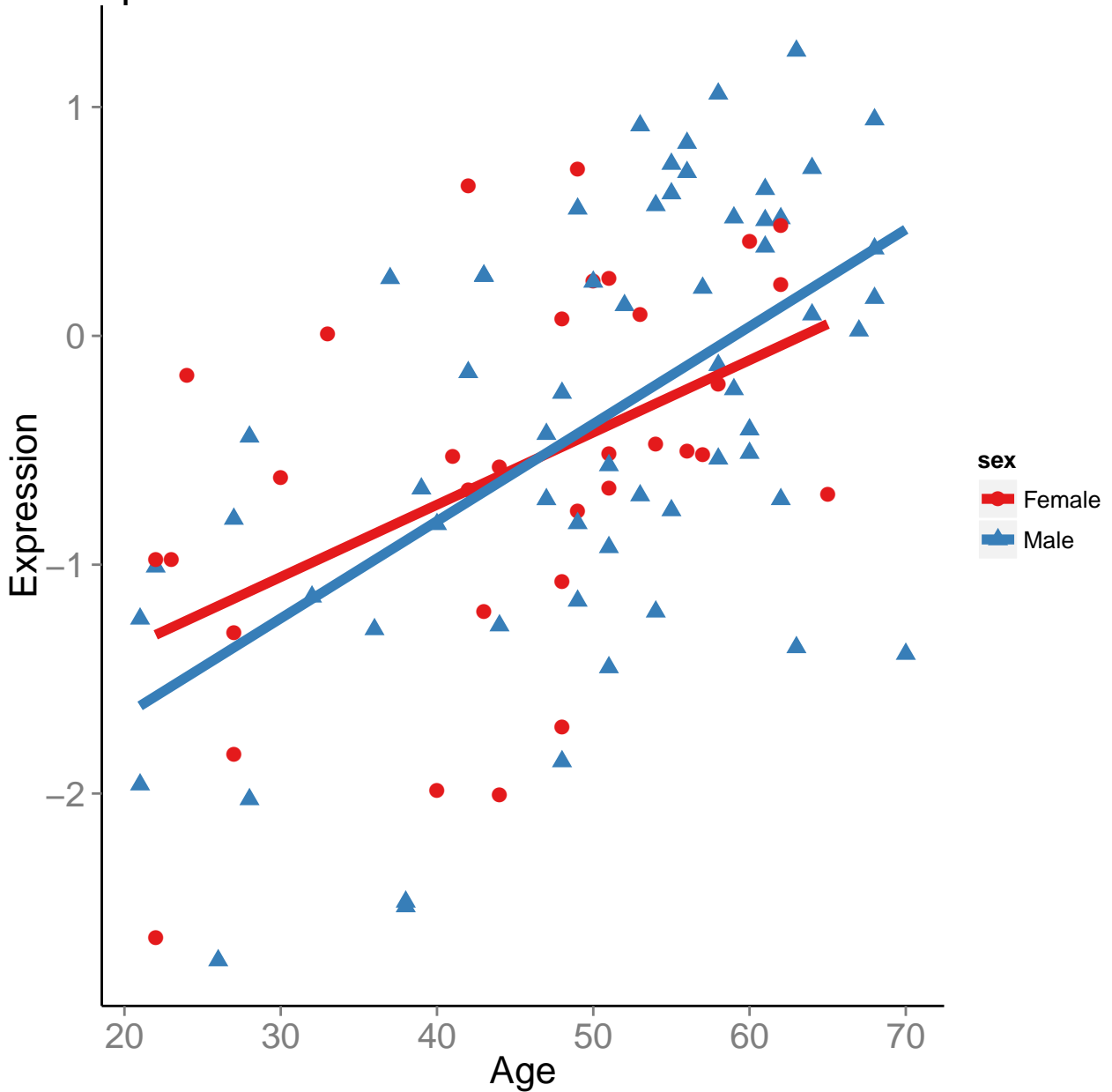
Adipose: EIF5AL1 Pearson-R=-0.57 Pval=2.89E-09



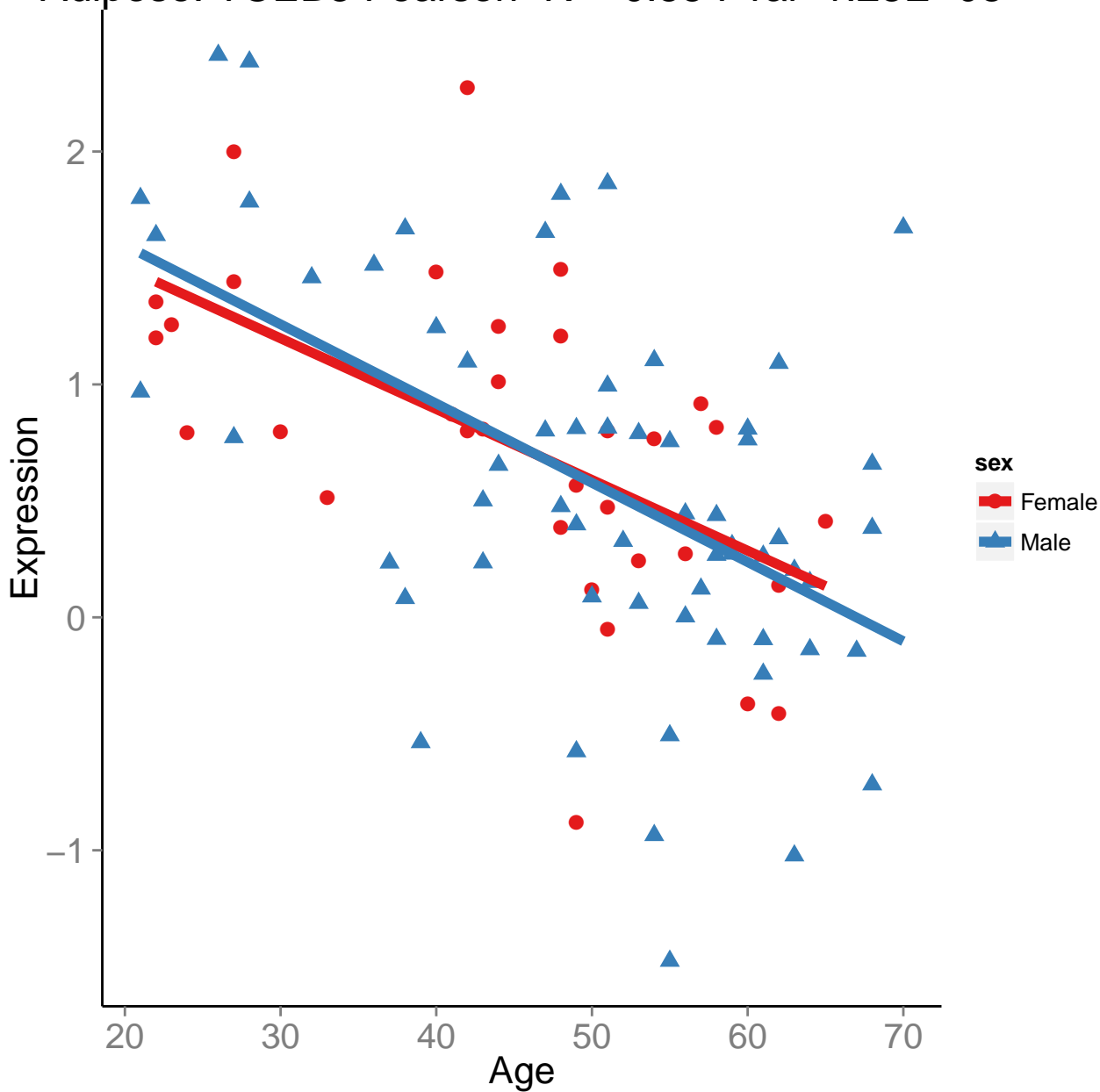
Adipose: FOXC1 Pearson-R=0.55 Pval=8.04E-09



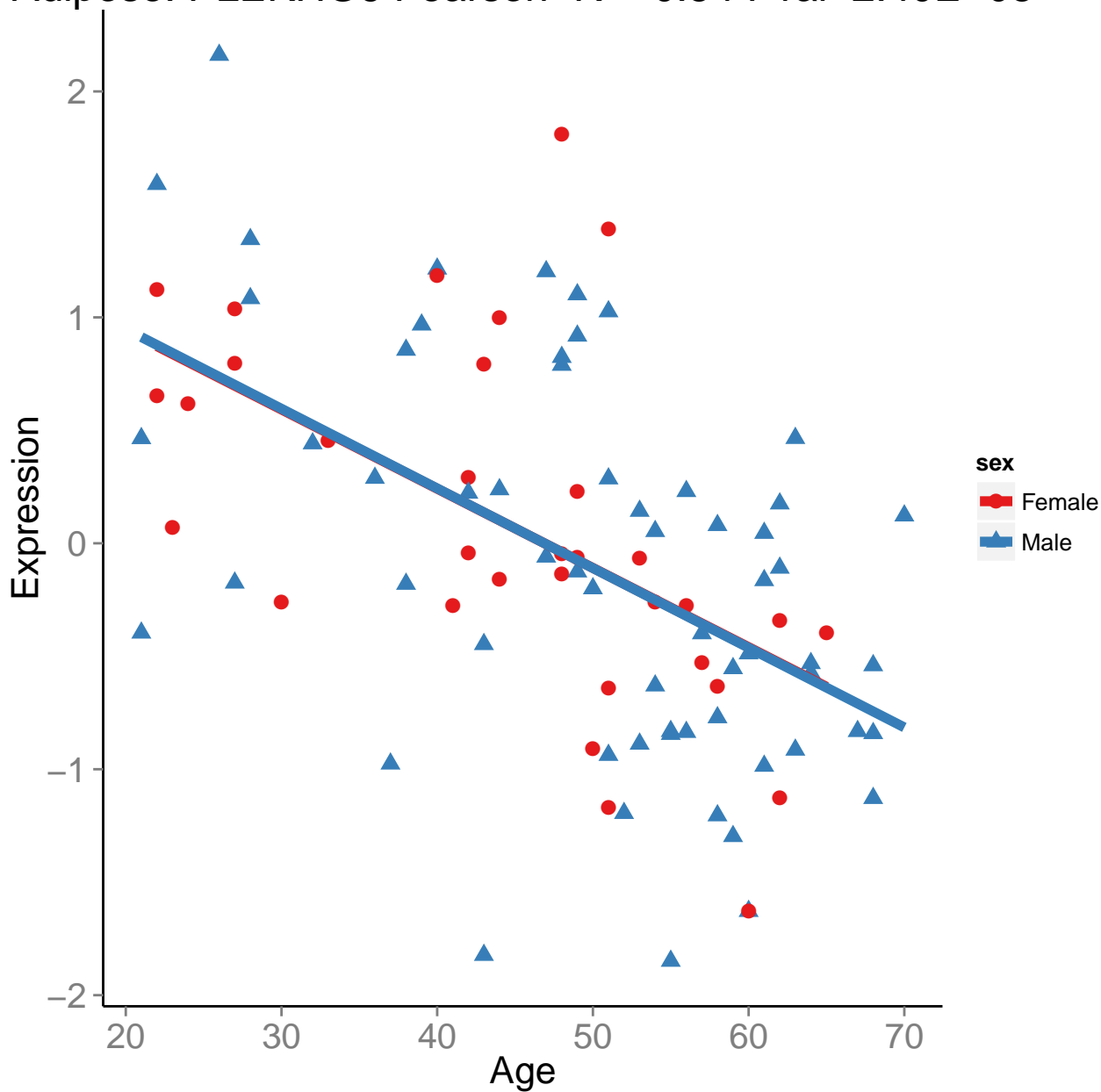
Adipose: WEE1 Pearson-R=0.55 Pval=9.87E-09



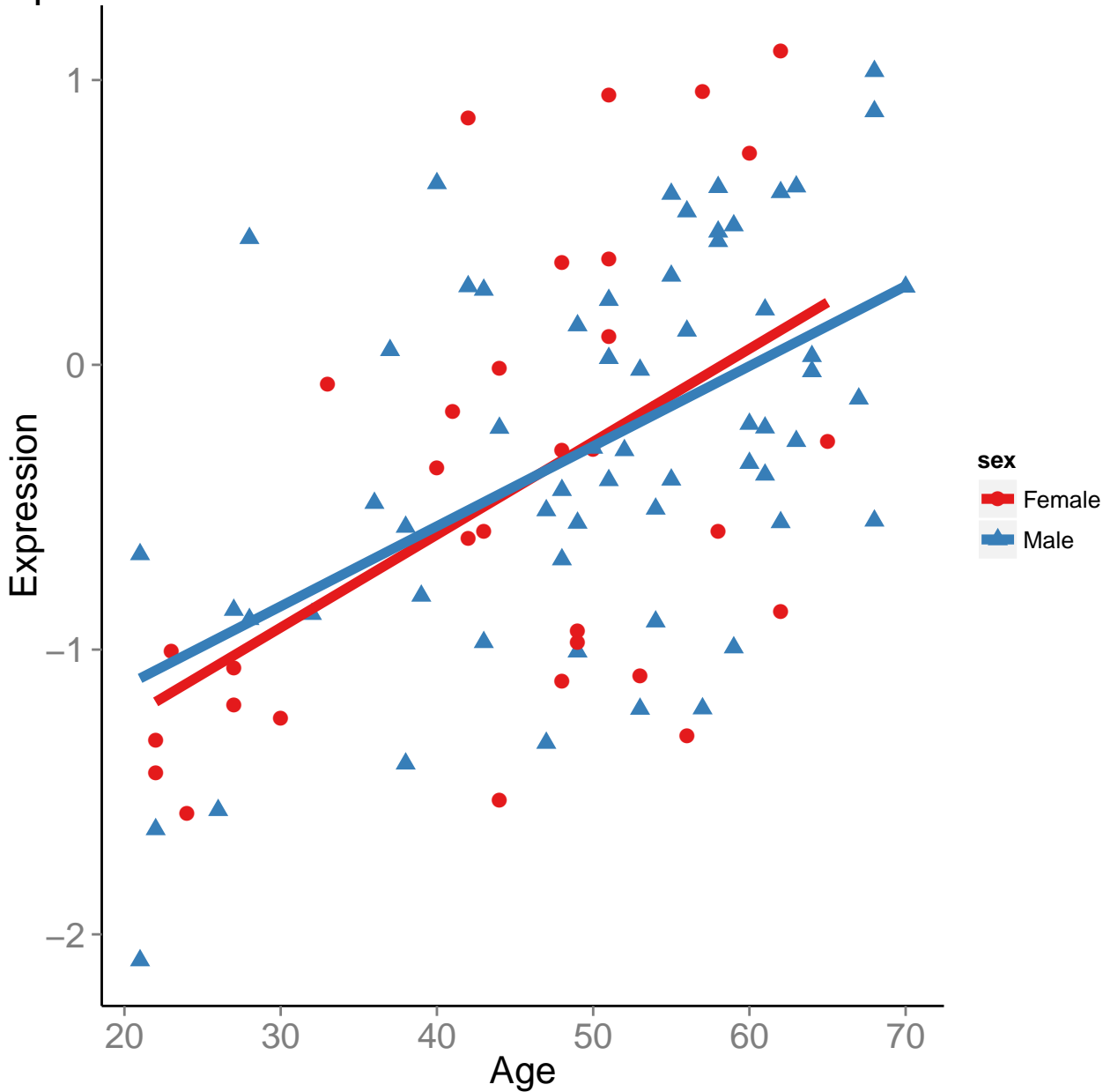
Adipose: TCEB3 Pearson-R=-0.55 Pval=1.23E-08



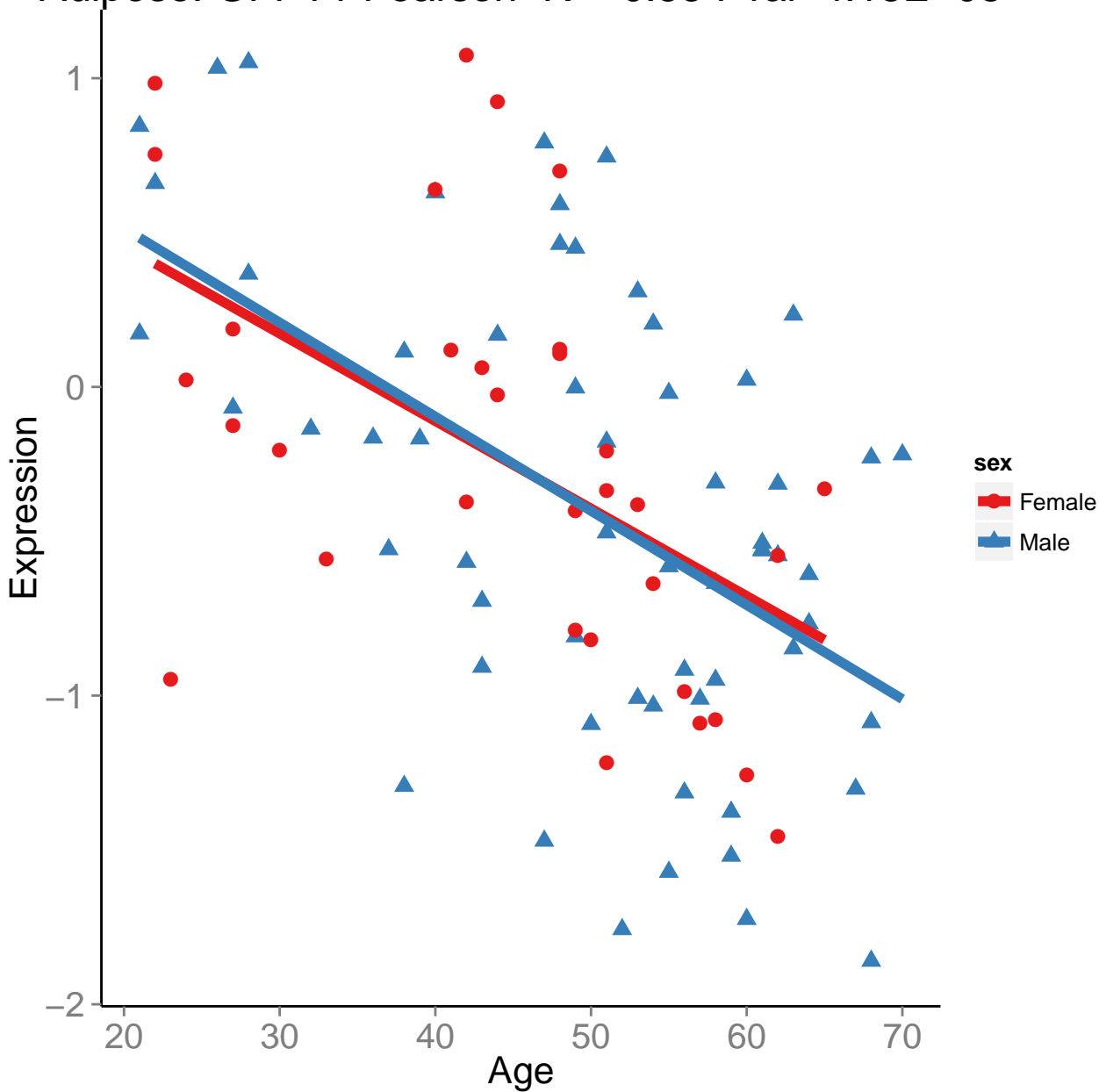
Adipose: PLEKHG6 Pearson-R=-0.54 Pval=2.40E-08



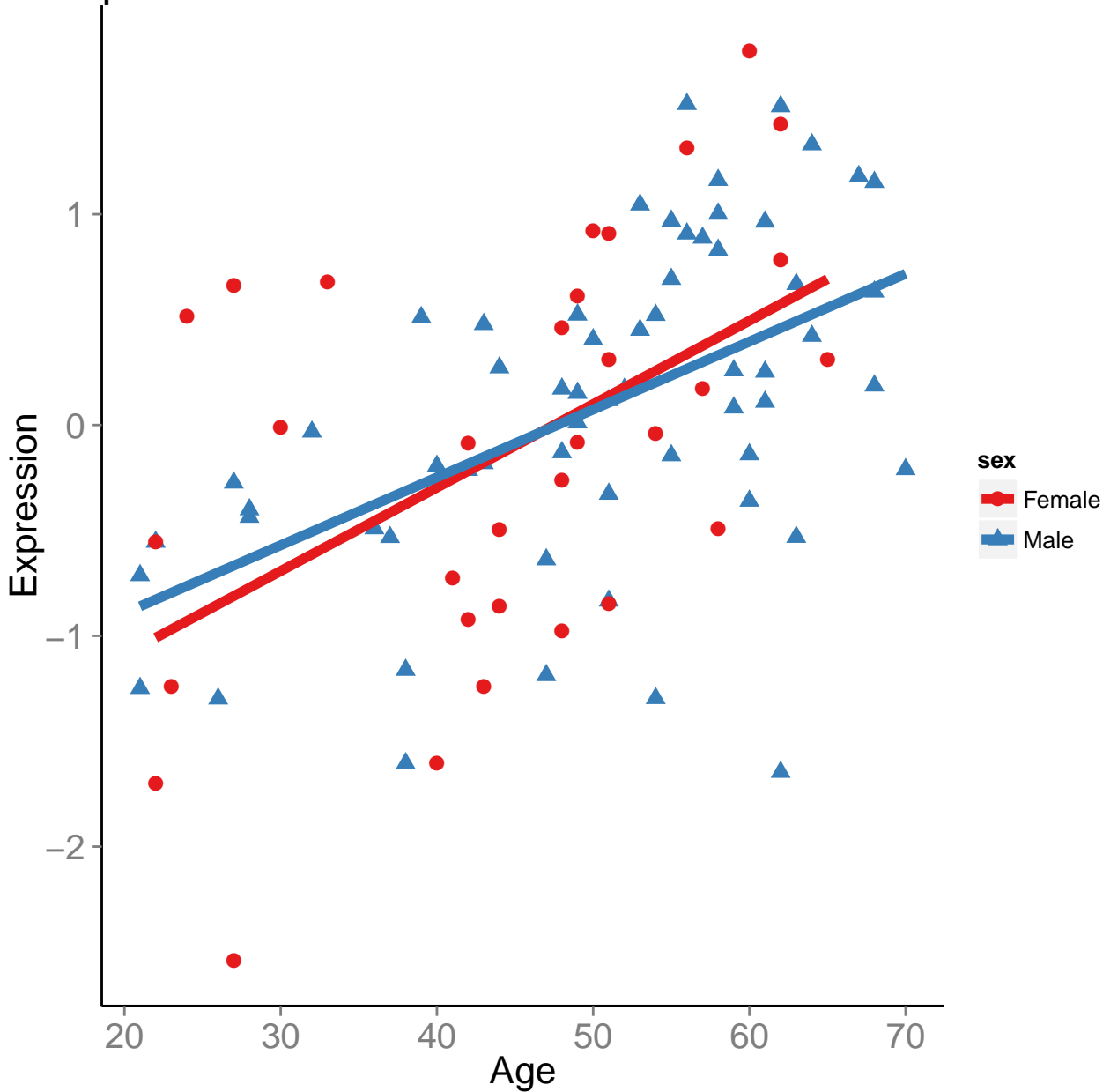
Adipose: RP11-315I20.3 Pearson-R=0.53 Pval=3.43E-08



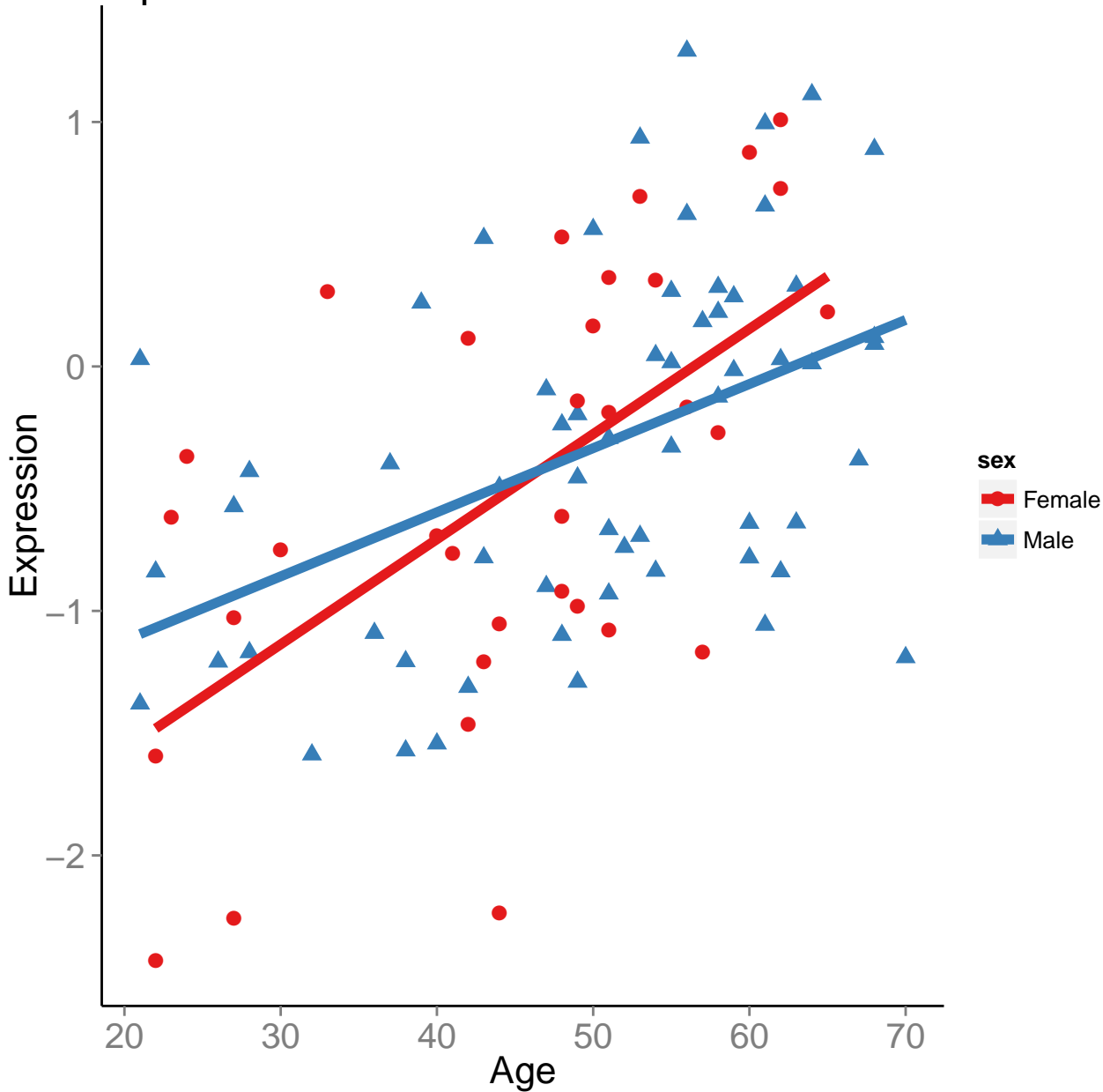
Adipose: GFPT1 Pearson-R=-0.53 Pval=4.18E-08



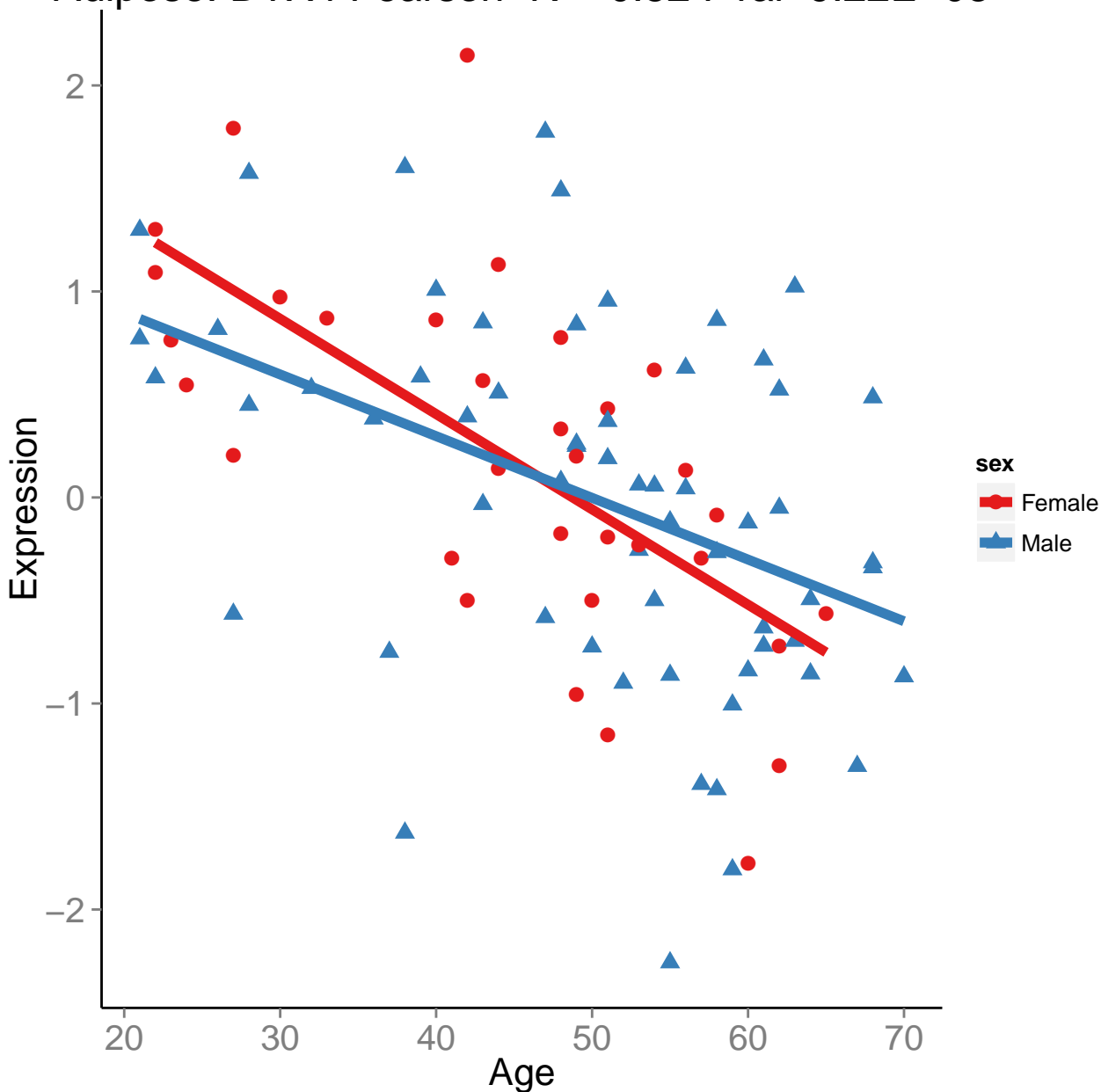
Adipose: CEP120 Pearson-R=0.53 Pval=5.27E-08



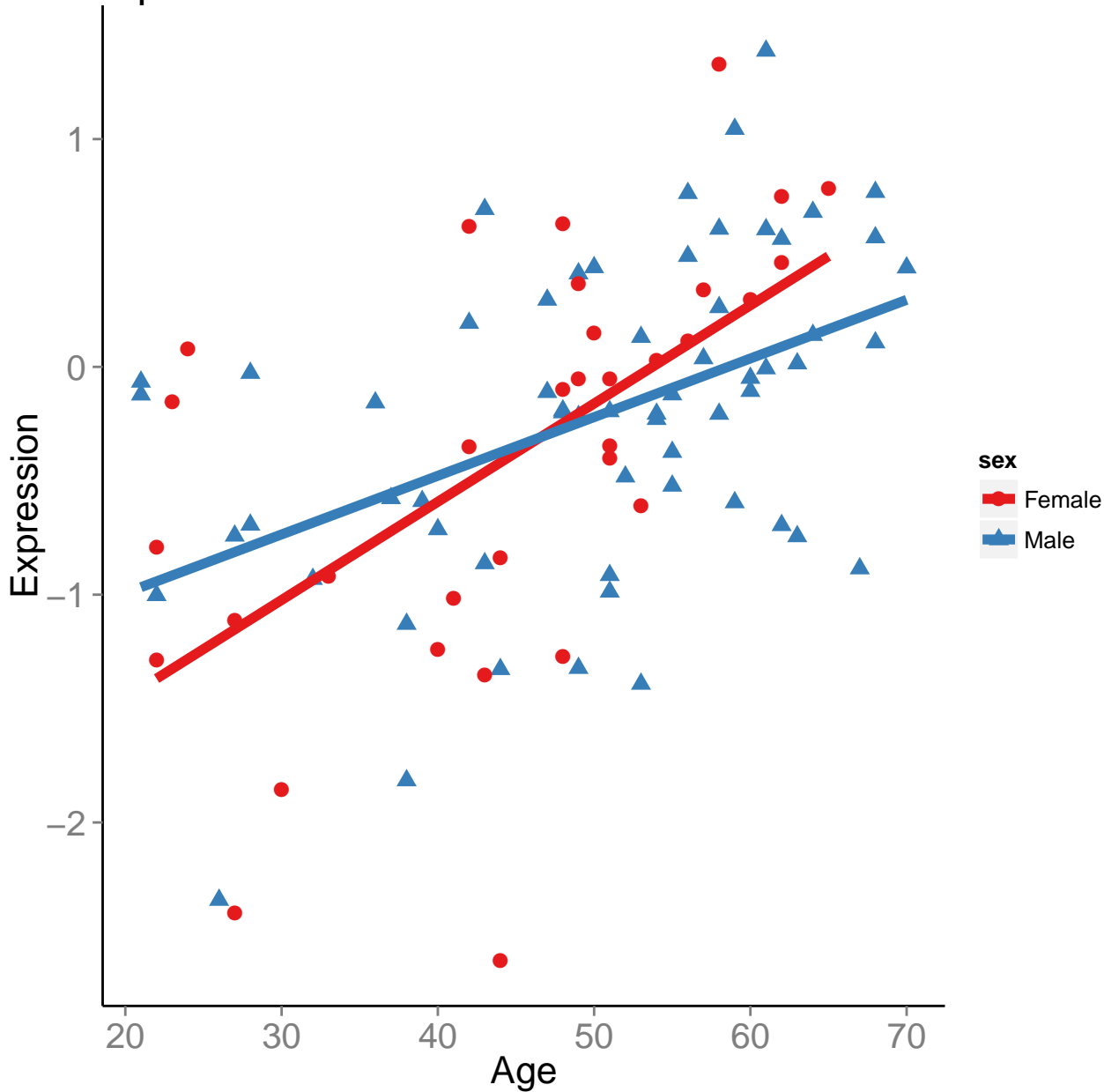
Adipose: JUN Pearson-R=0.52 Pval=8.81E-08



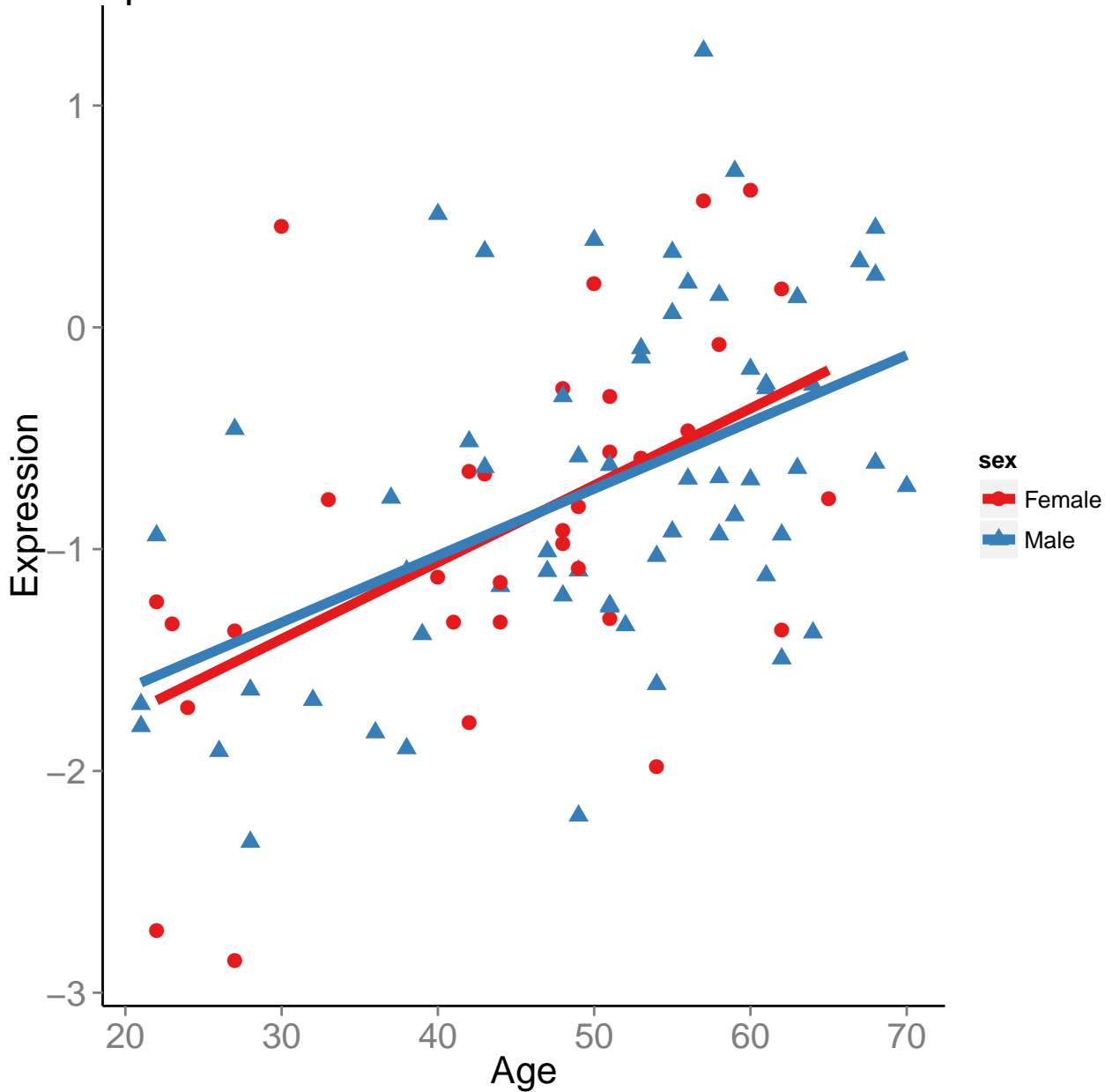
Adipose: DTX4 Pearson-R=-0.52 Pval=9.22E-08



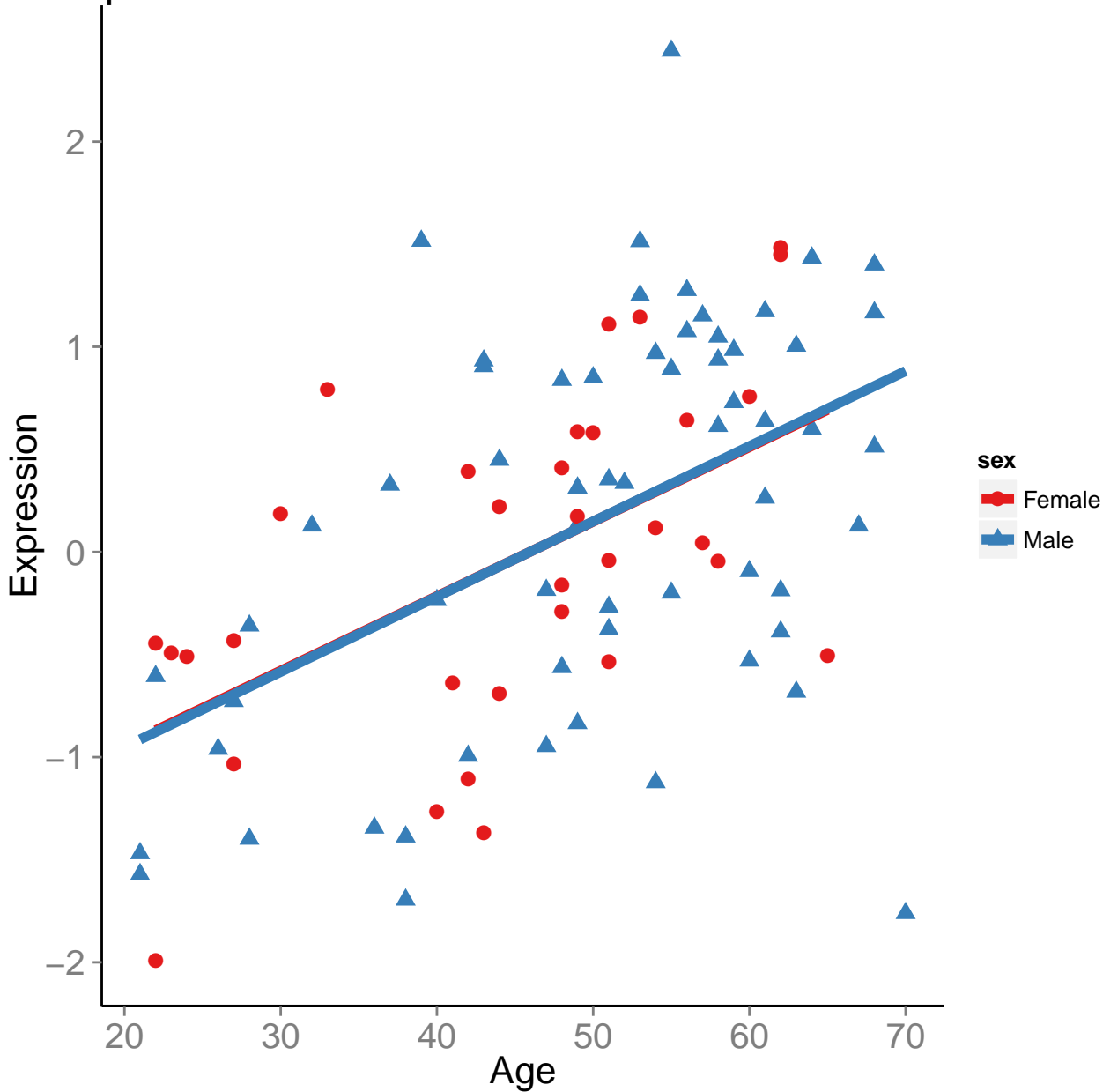
Adipose: UBC Pearson-R=0.52 Pval=9.19E-08



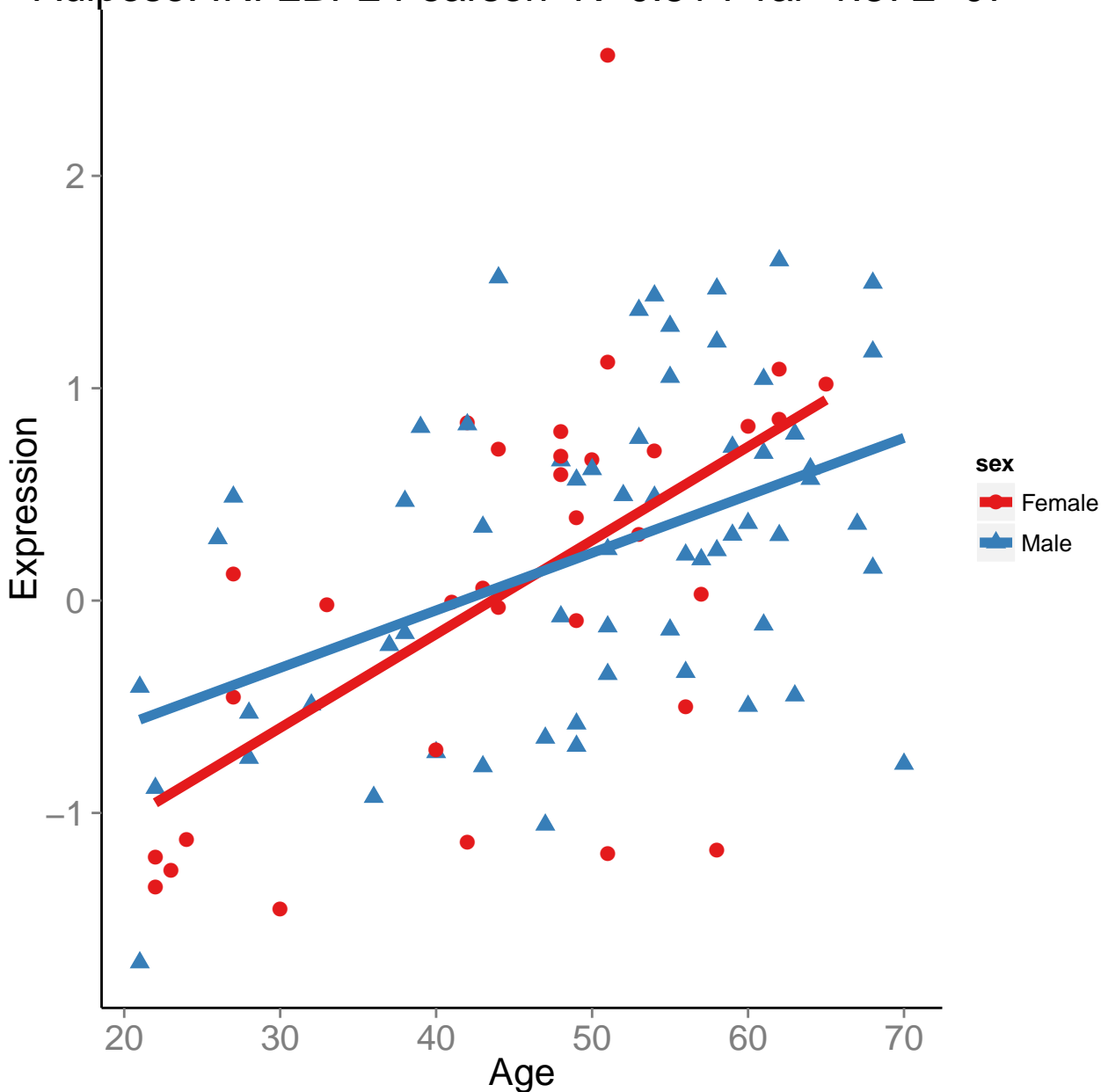
Adipose: LMO3 Pearson-R=0.51 Pval=1.22E-07



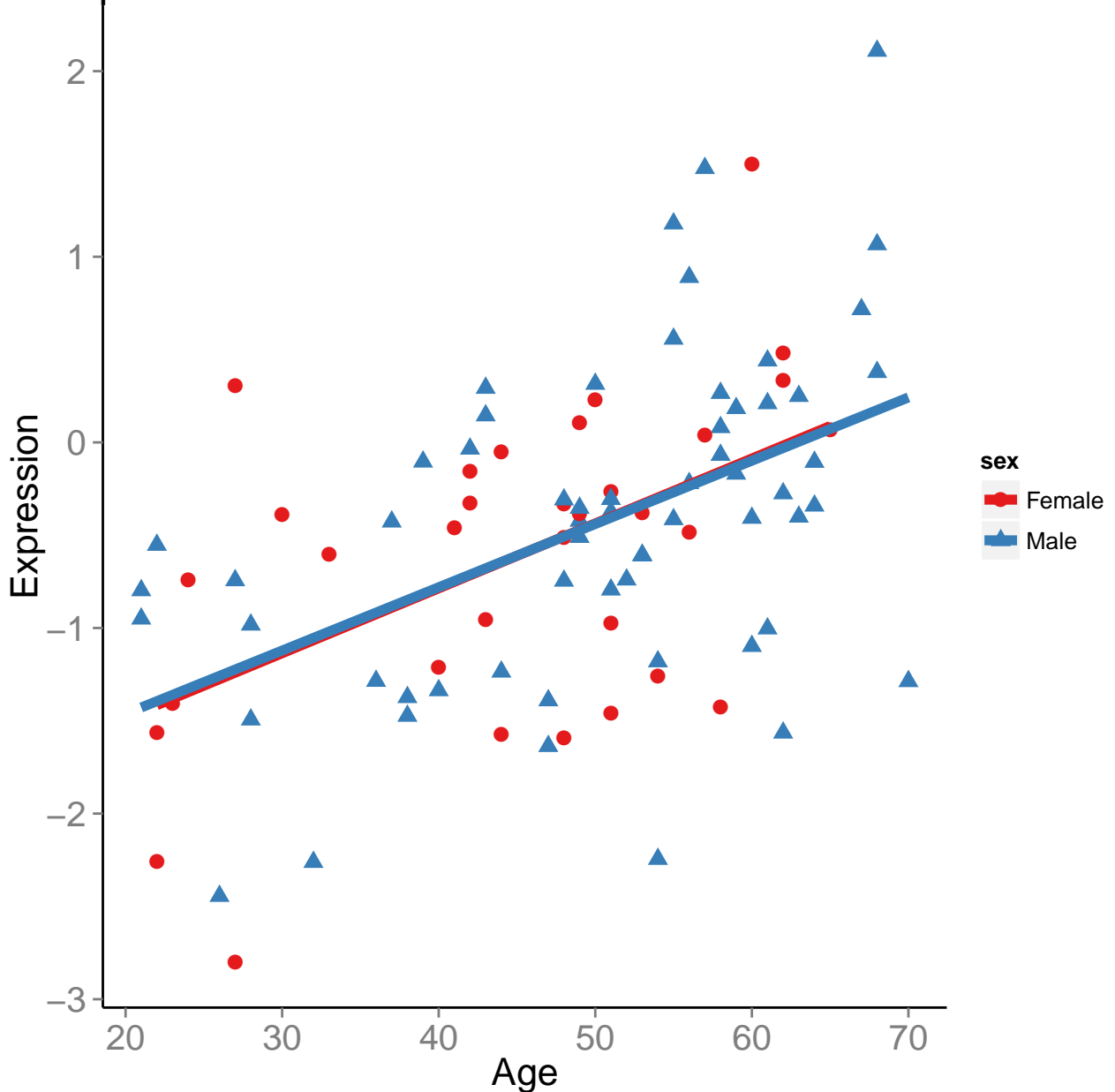
Adipose: ZNF136 Pearson-R=0.51 Pval=1.46E-07



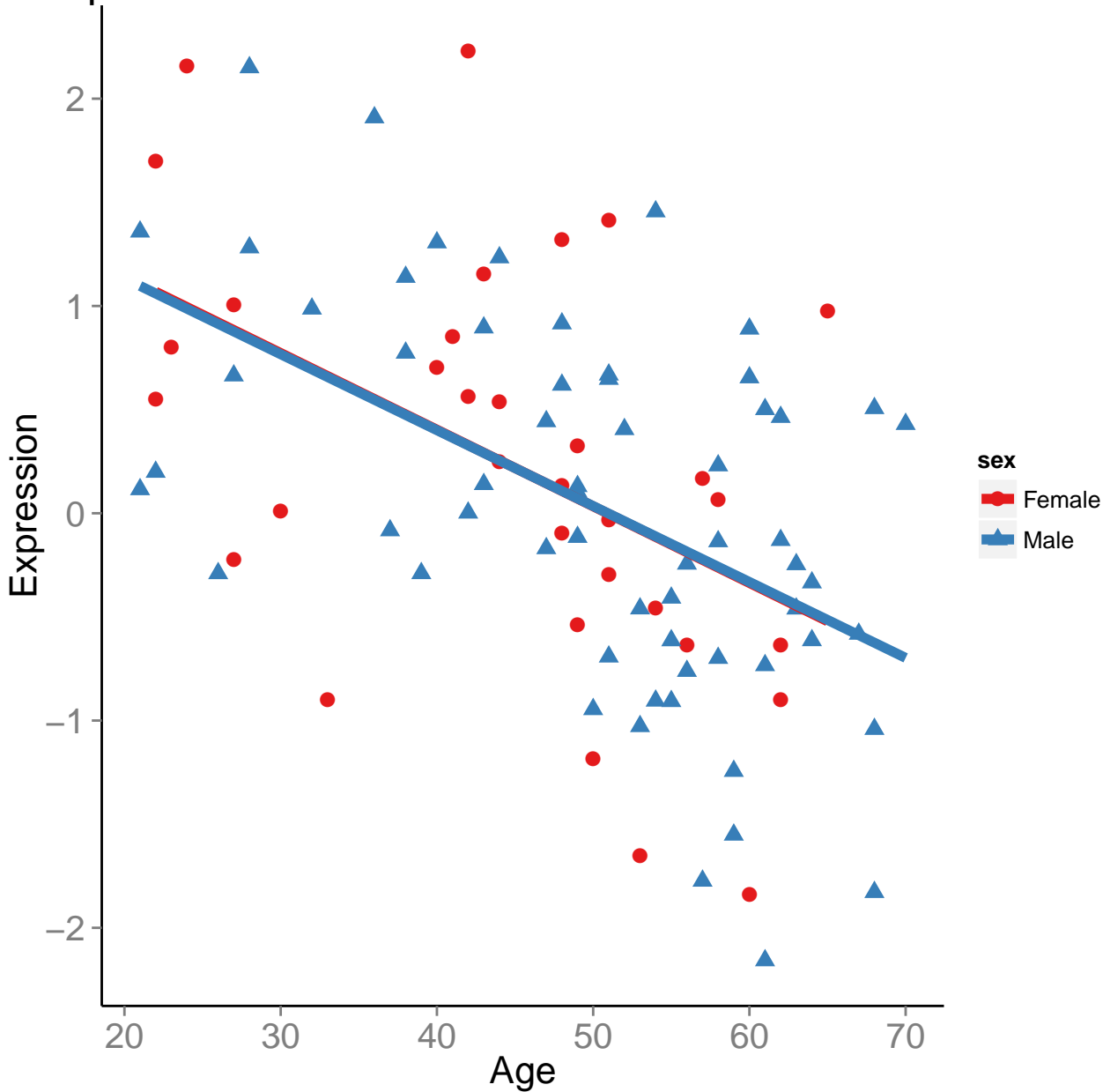
Adipose: IRF2BP2 Pearson-R=0.51 Pval=1.37E-07



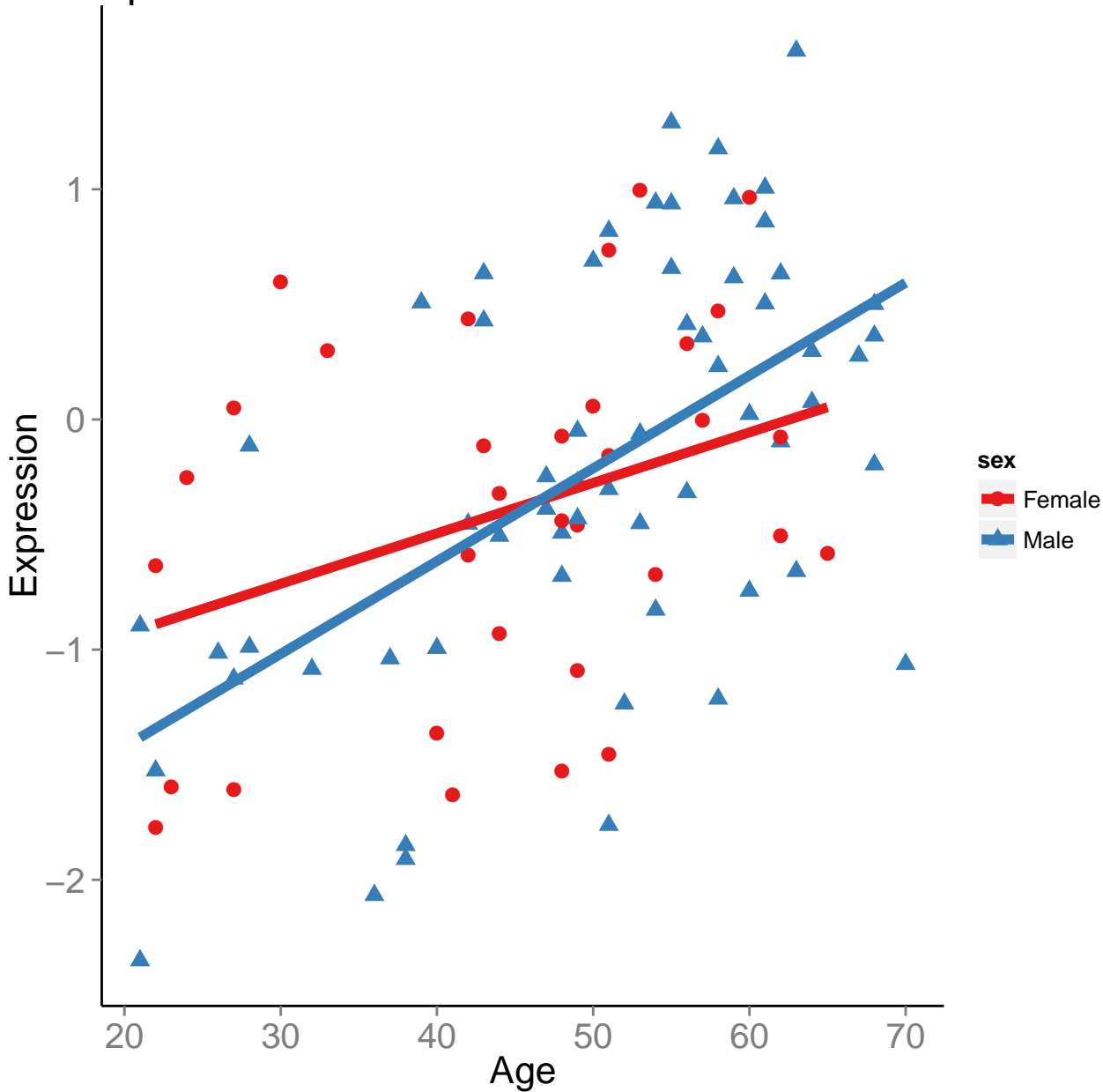
Adipose: CLEC2D Pearson-R=0.50 Pval=2.21E-07



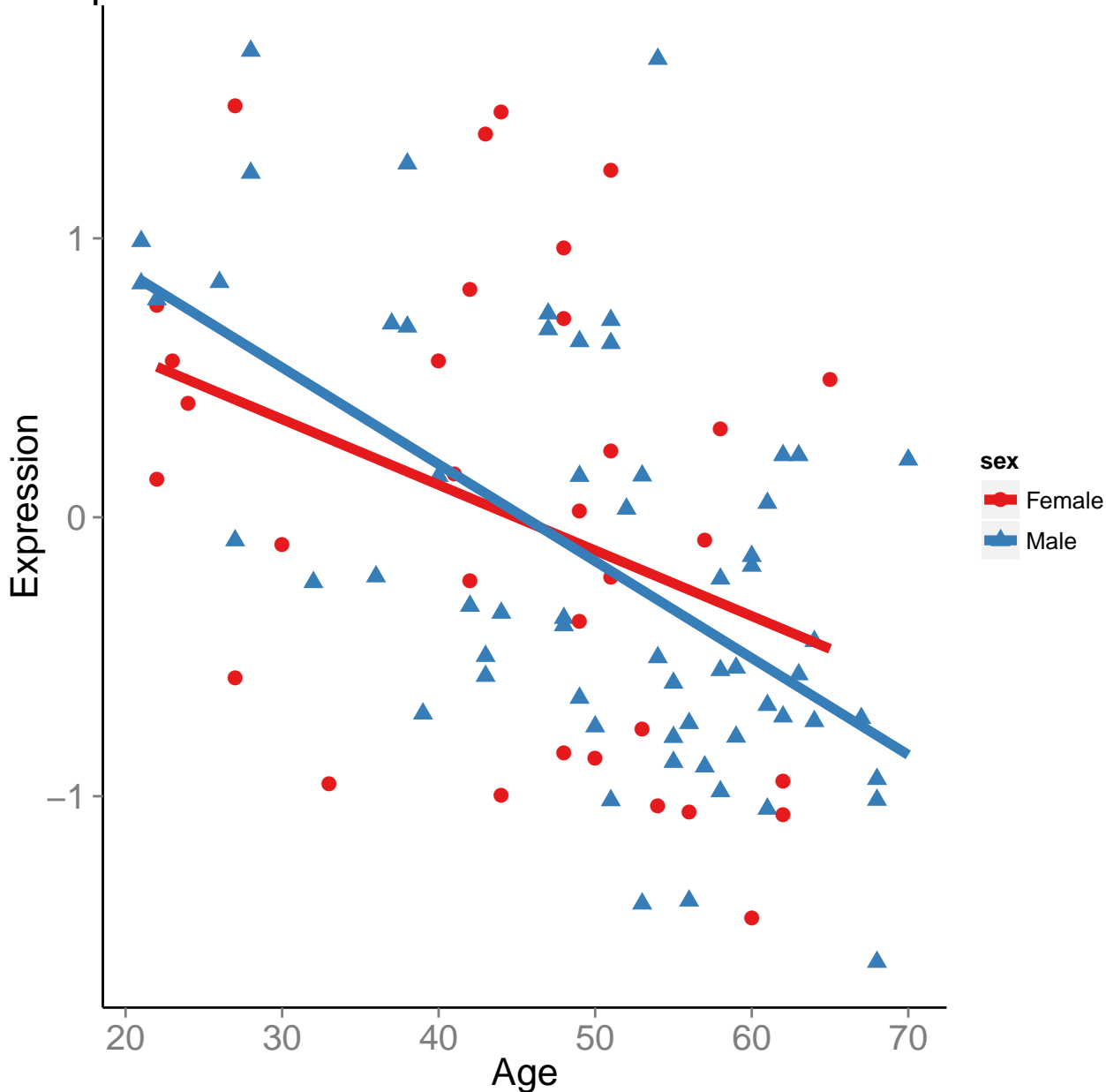
Adipose: COL4A1 Pearson-R=-0.50 Pval=2.21E-07



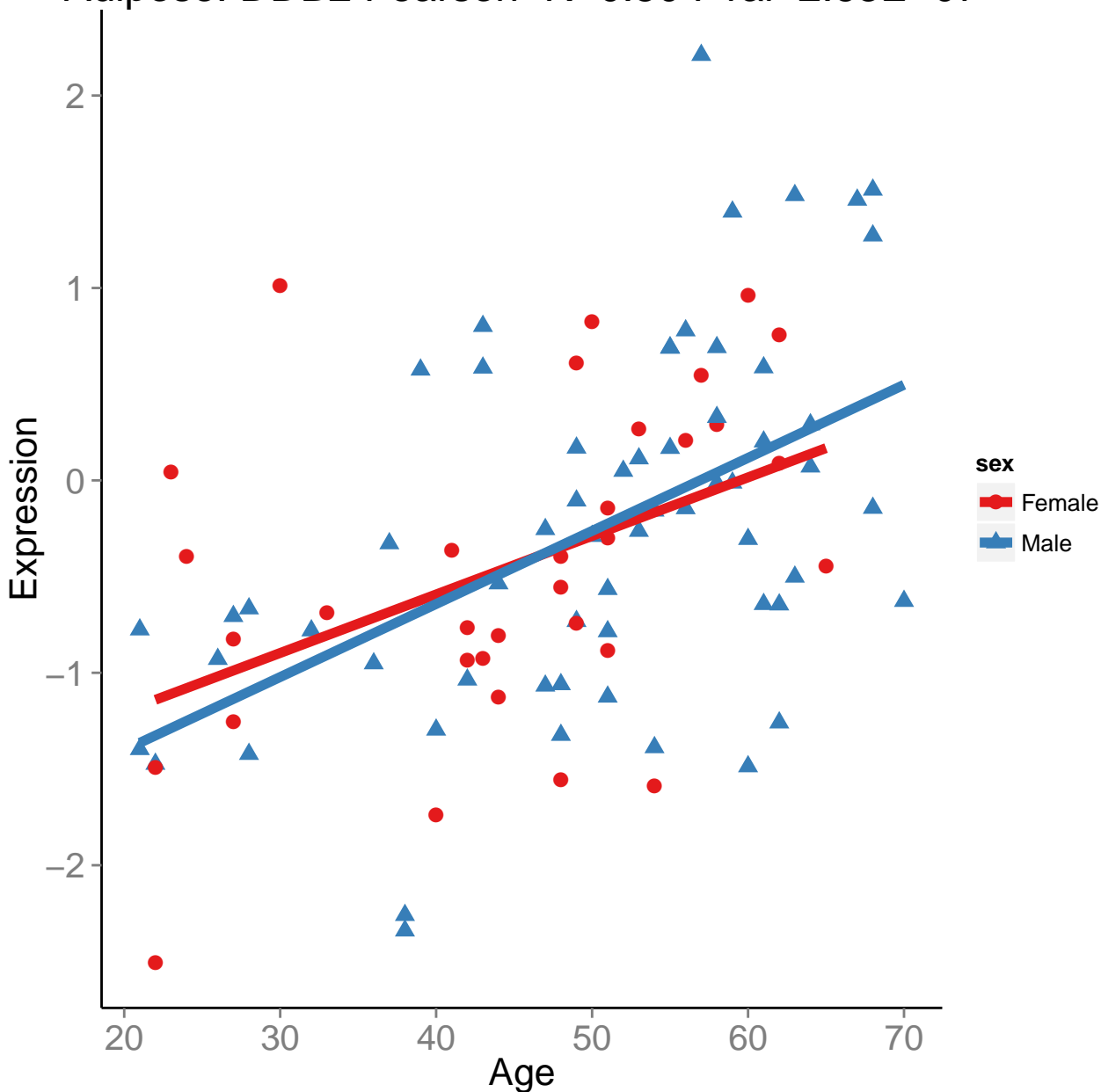
Adipose: PBX3 Pearson-R=0.51 Pval=1.95E-07



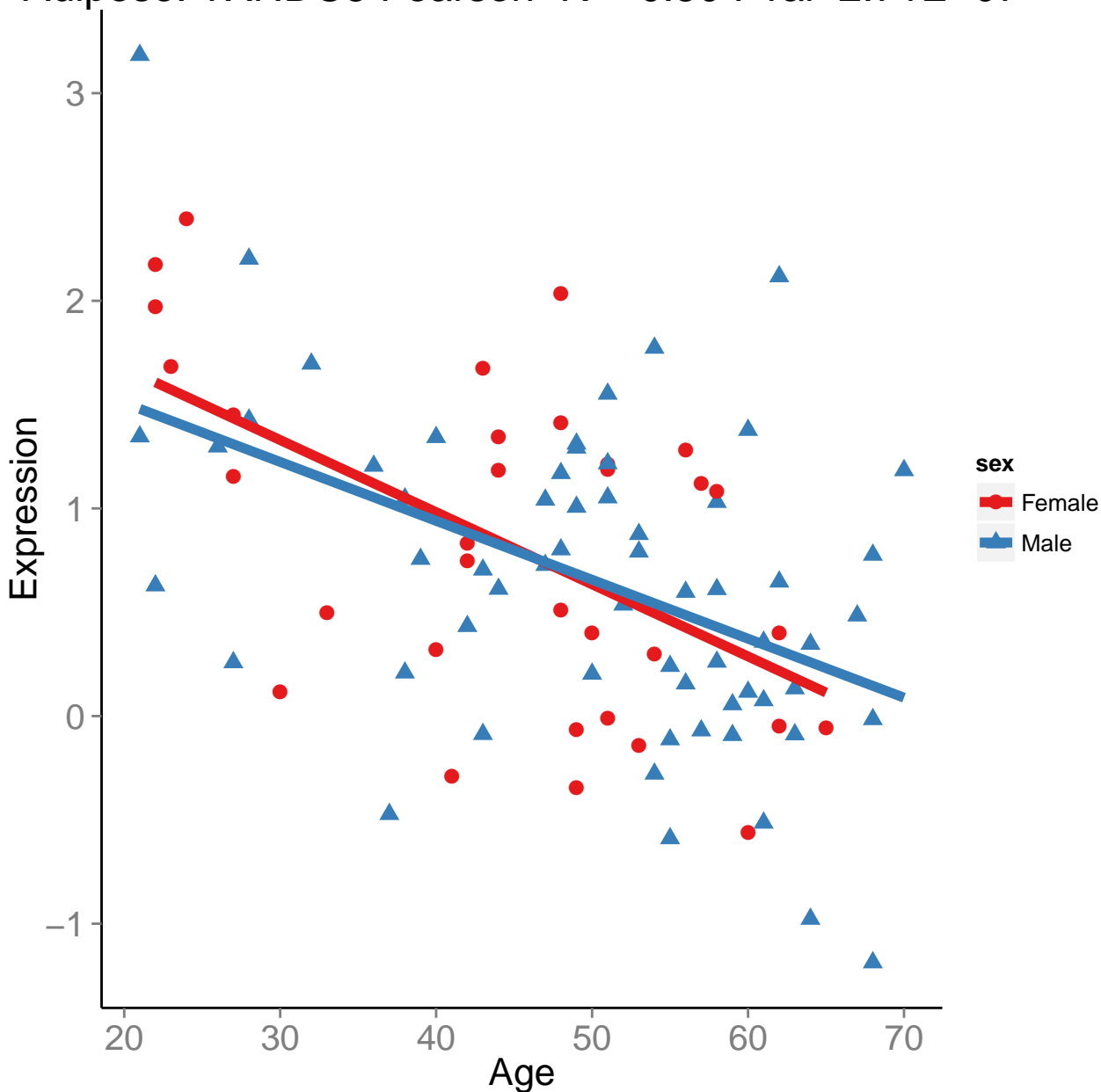
Adipose: ATP5G3 Pearson-R=-0.51 Pval=1.91E-07



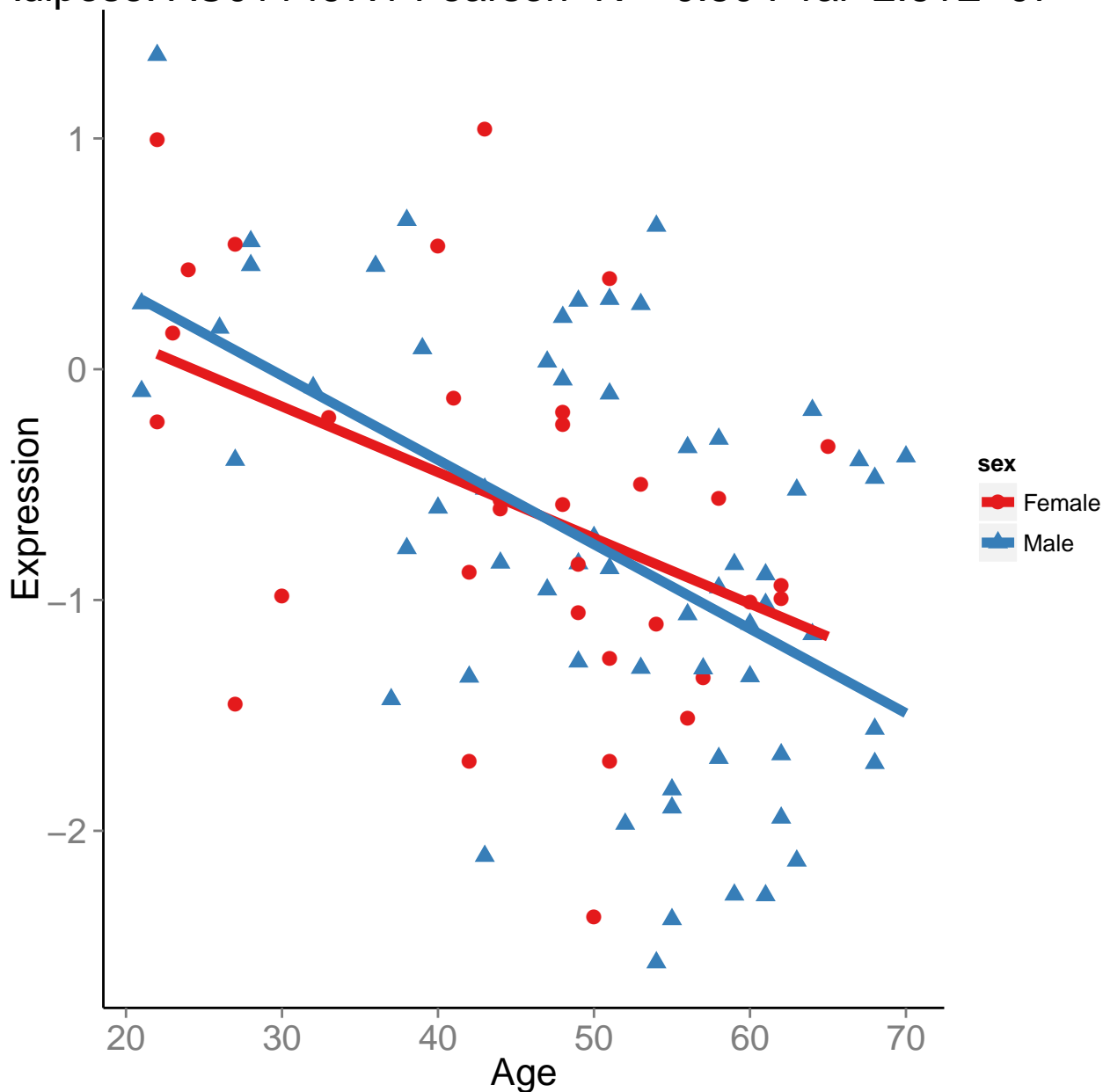
Adipose: DDB2 Pearson-R=0.50 Pval=2.63E-07



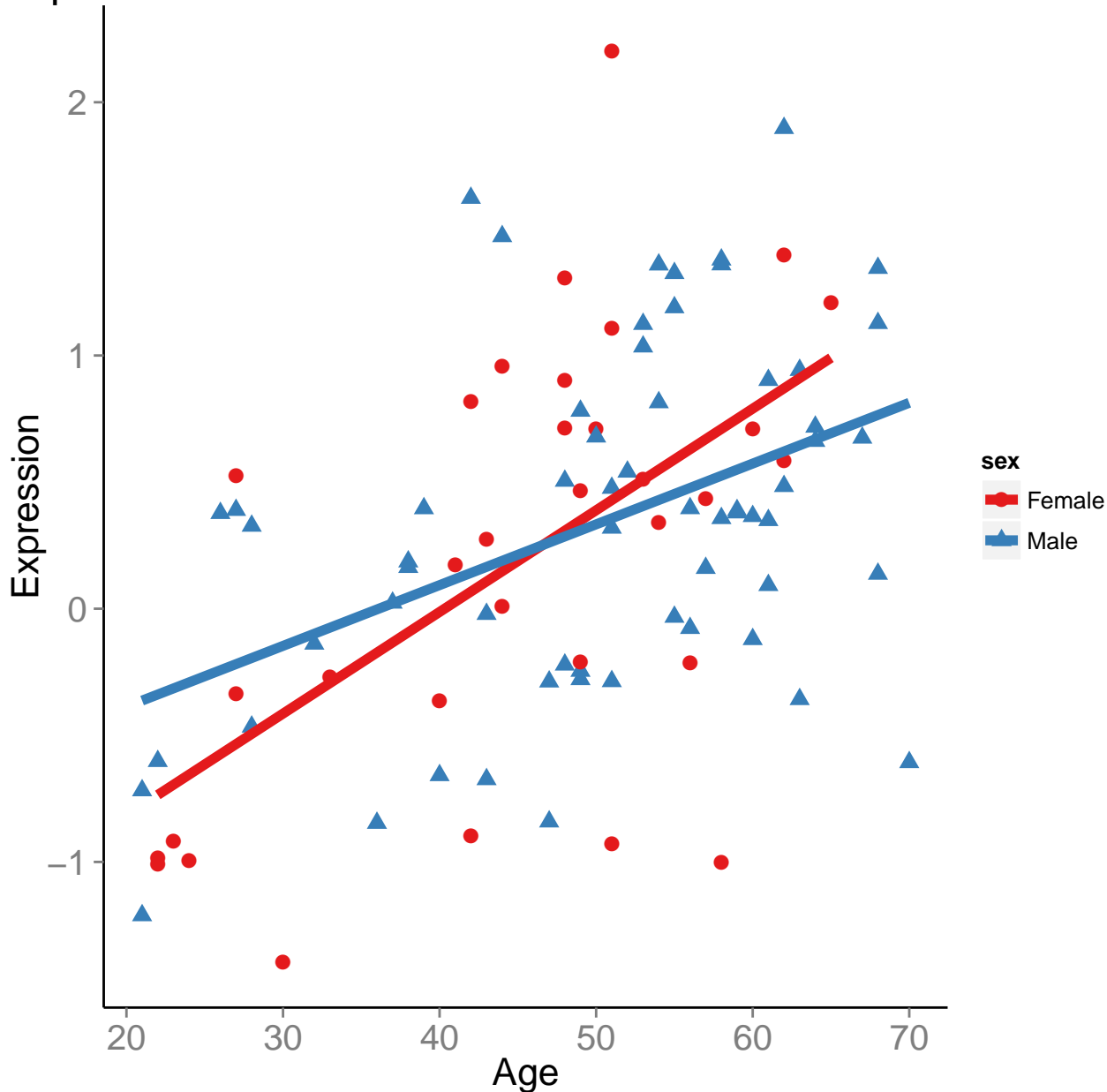
Adipose: TXNDC5 Pearson-R=-0.50 Pval=2.71E-07



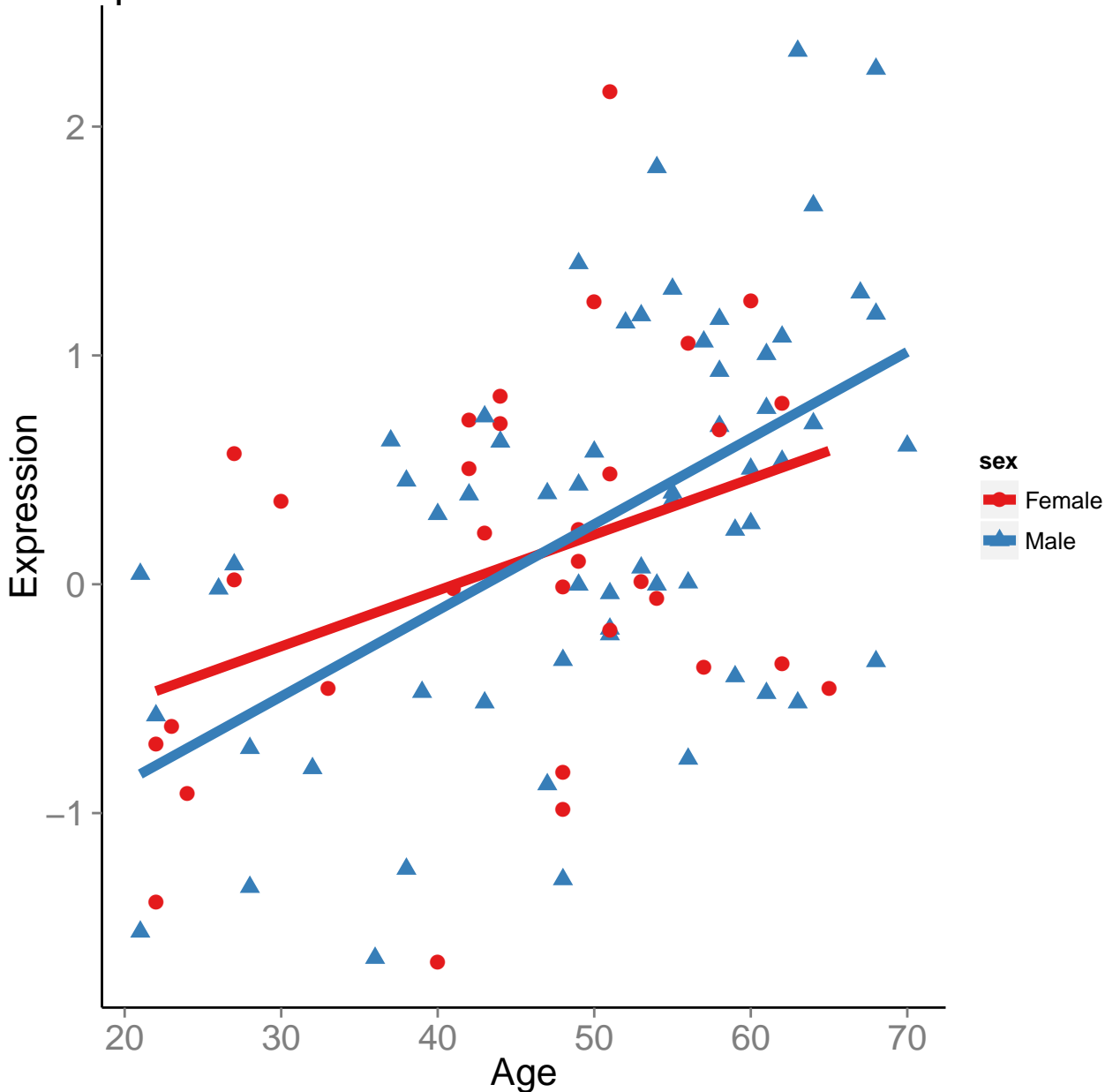
Adipose: AC011497.1 Pearson-R=-0.50 Pval=2.61E-07



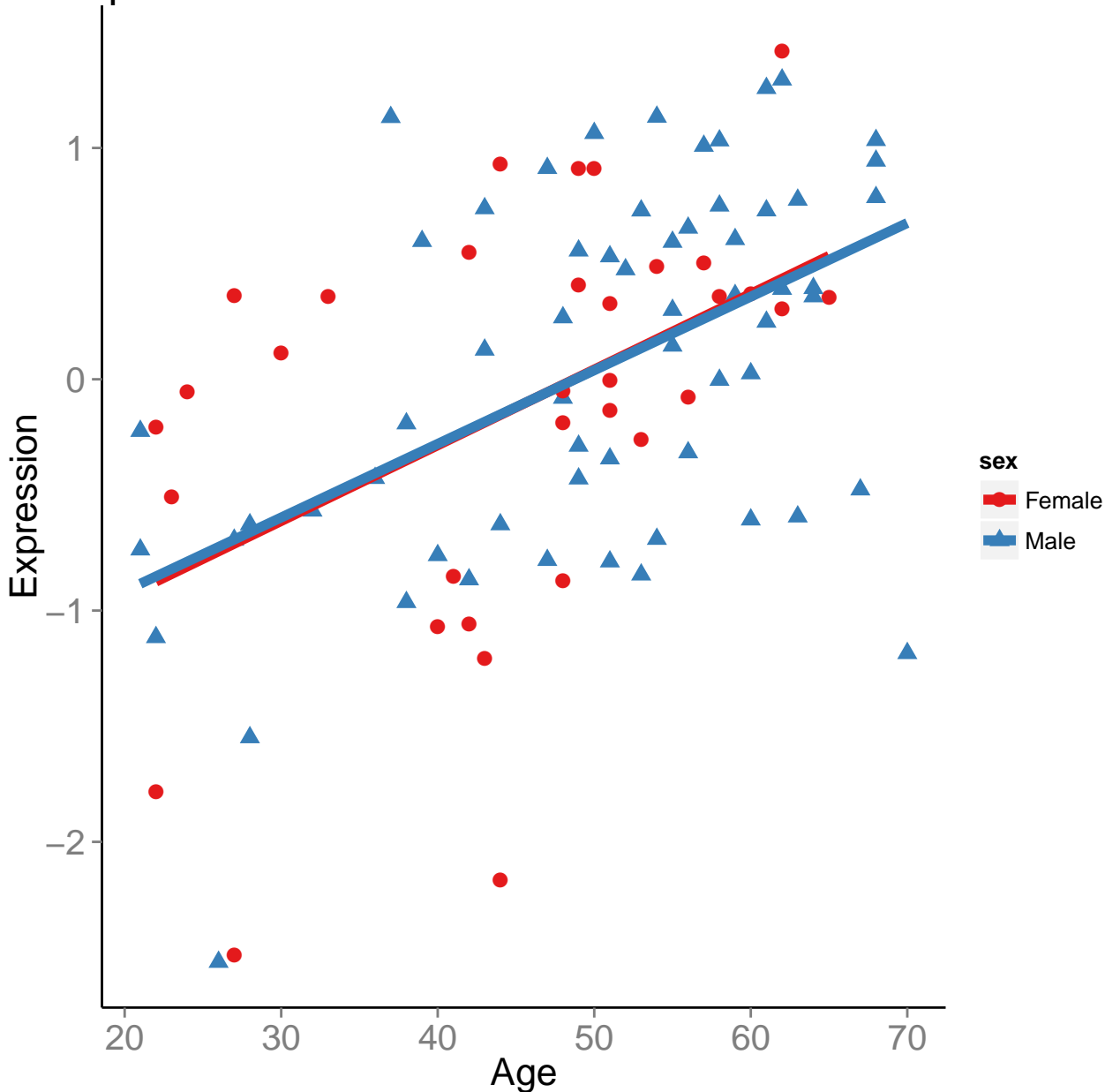
Adipose: RP4-781K5.2 Pearson-R=0.50 Pval=2.95E-07



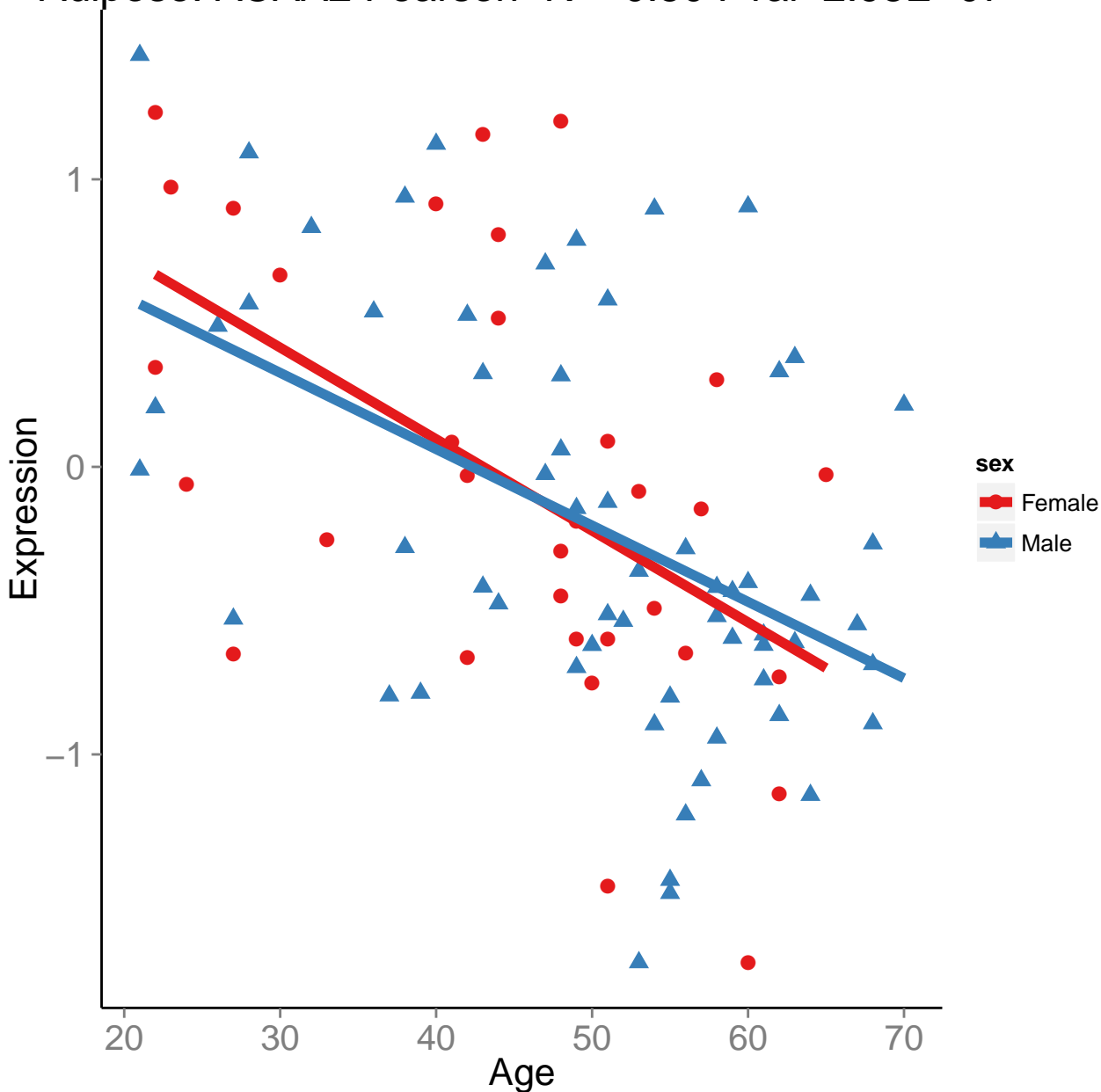
Adipose: ZMAT3 Pearson-R=0.50 Pval=3.13E-07



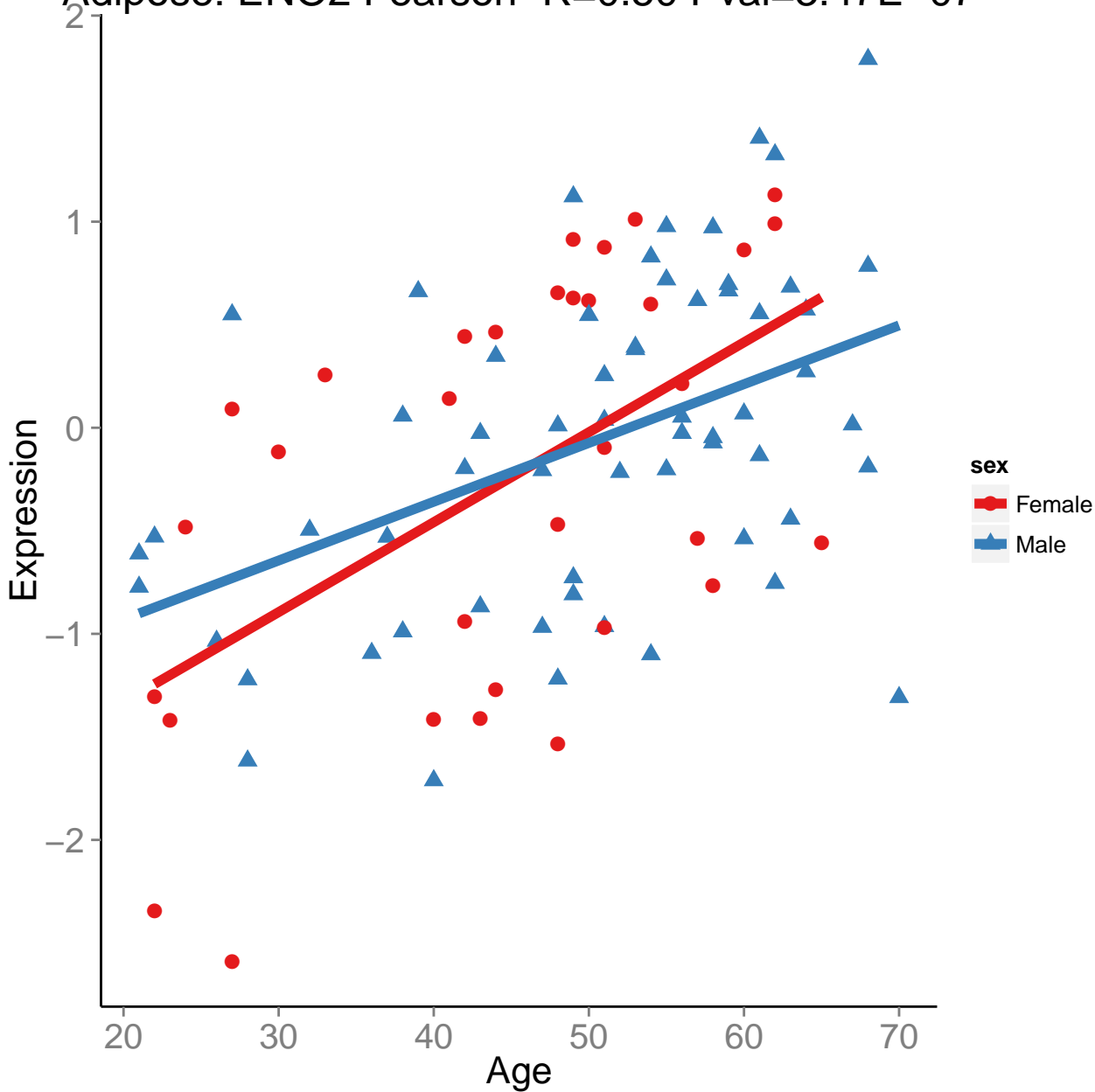
Adipose: KDM3A Pearson-R=0.50 Pval=3.17E-07



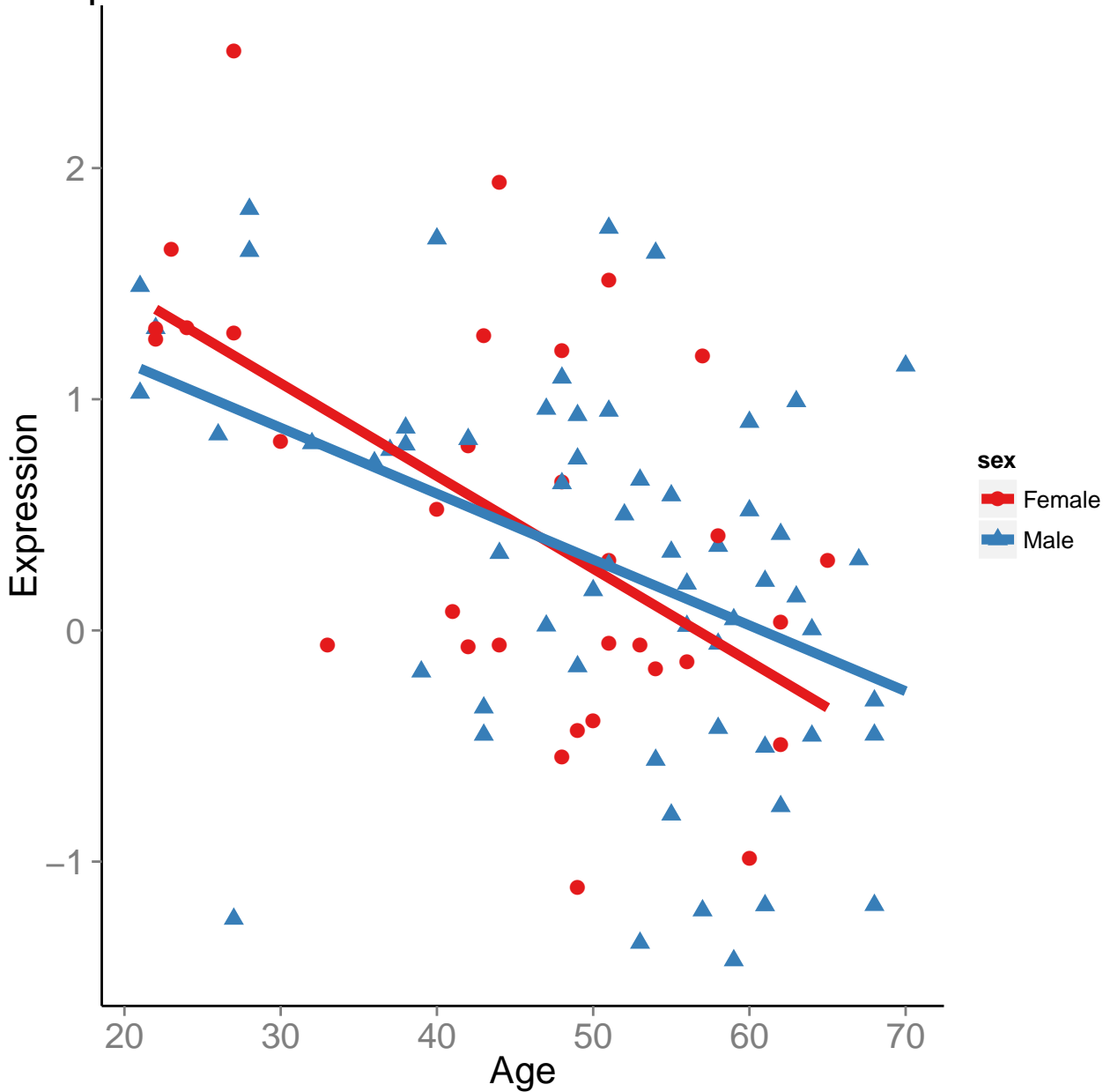
Adipose: ACAA2 Pearson-R=-0.50 Pval=2.98E-07



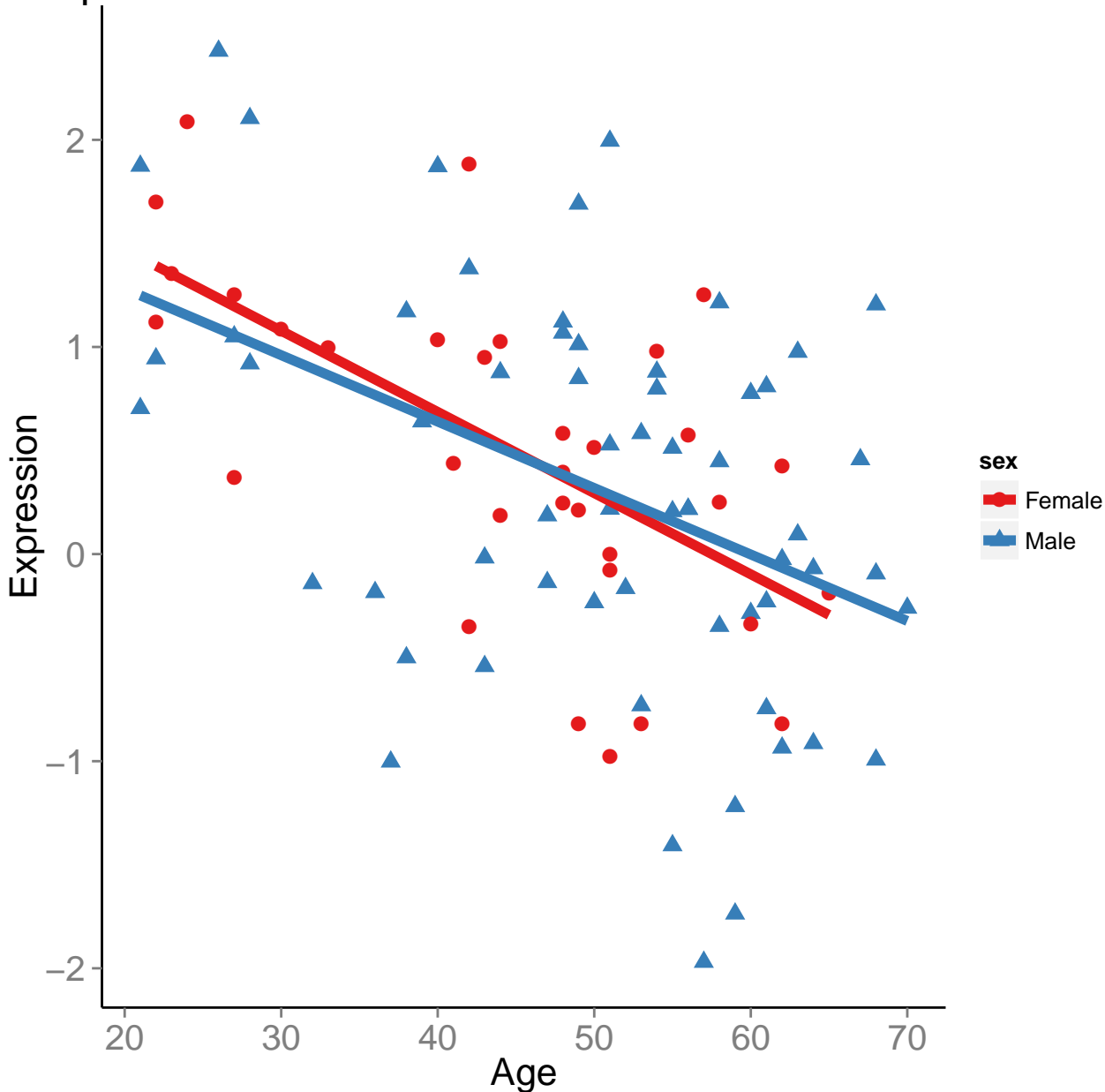
Adipose: ENO2 Pearson-R=0.50 Pval=3.47E-07



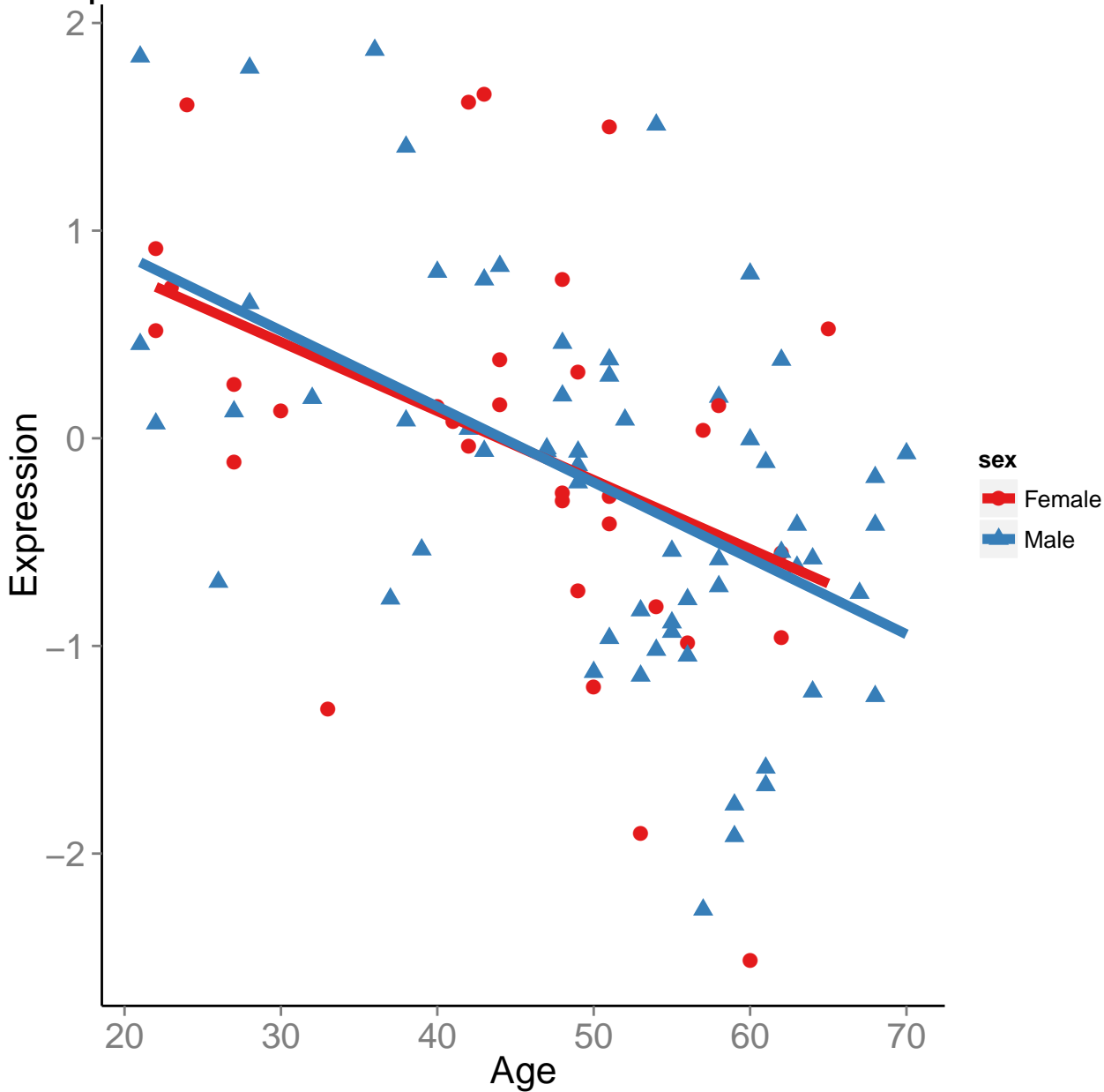
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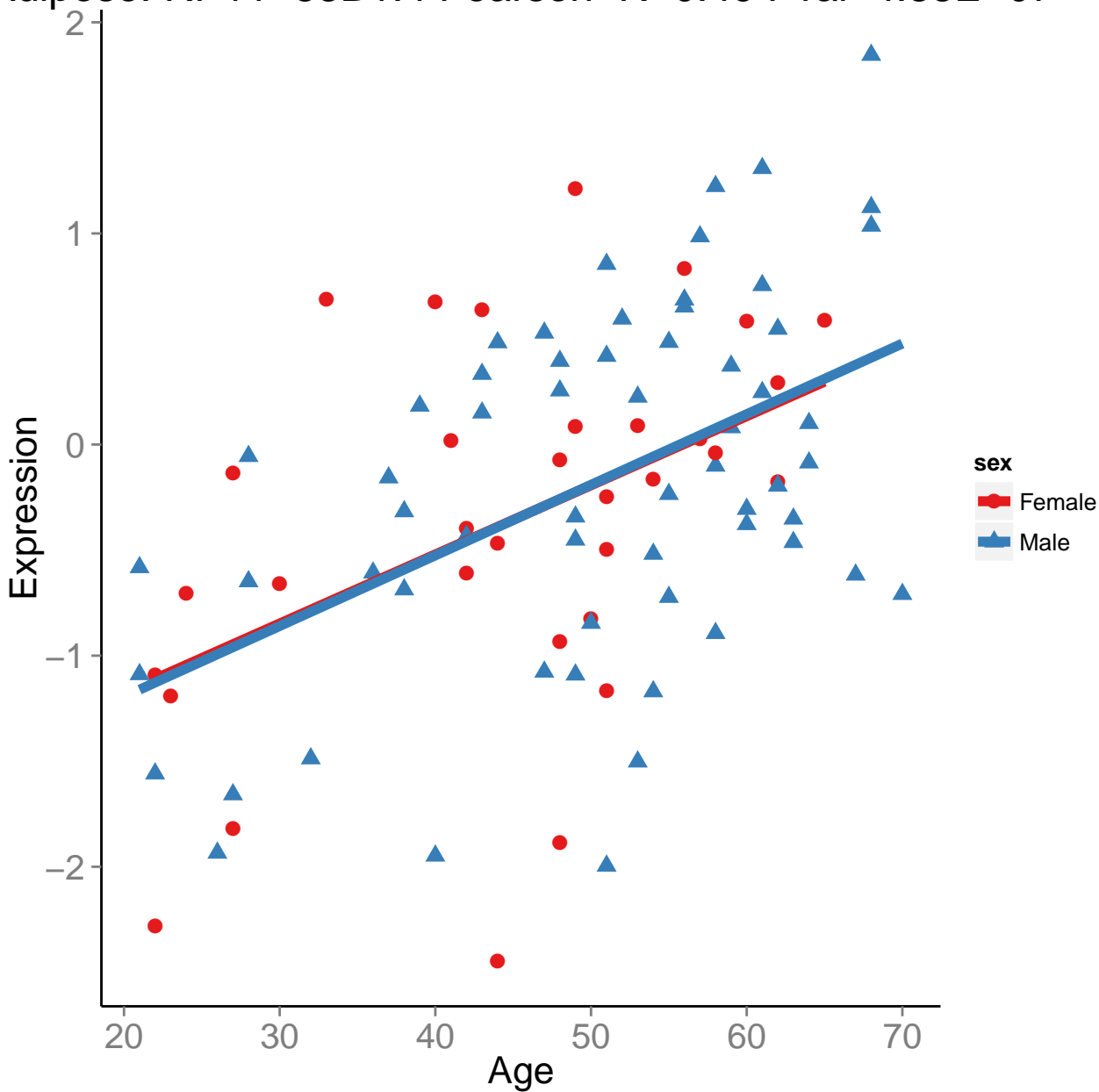
Adipose: MICALL1 Pearson-R=-0.50 Pval=3.87E-07



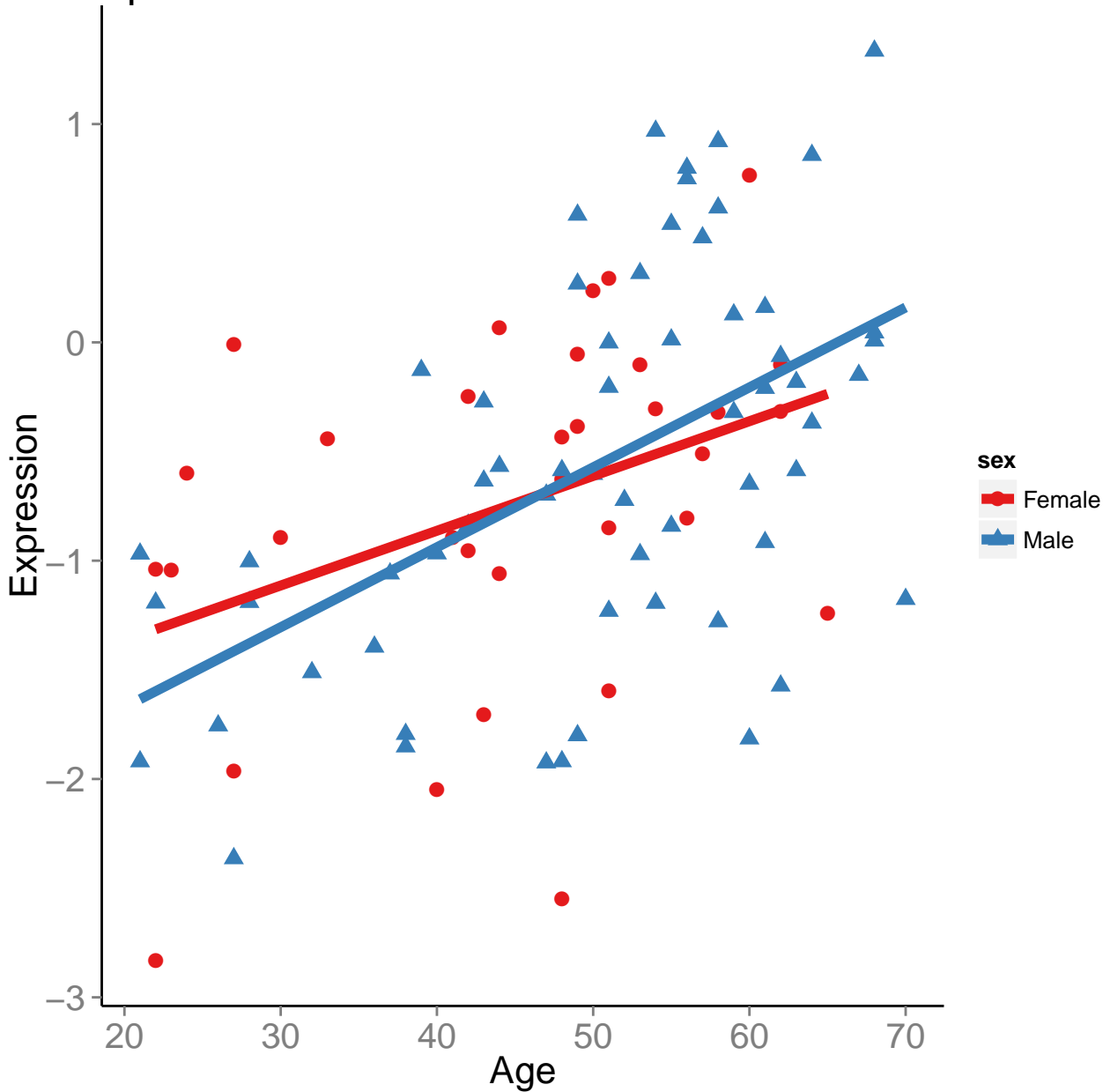
Adipose: COL4A2 Pearson-R=-0.49 Pval=4.11E-07



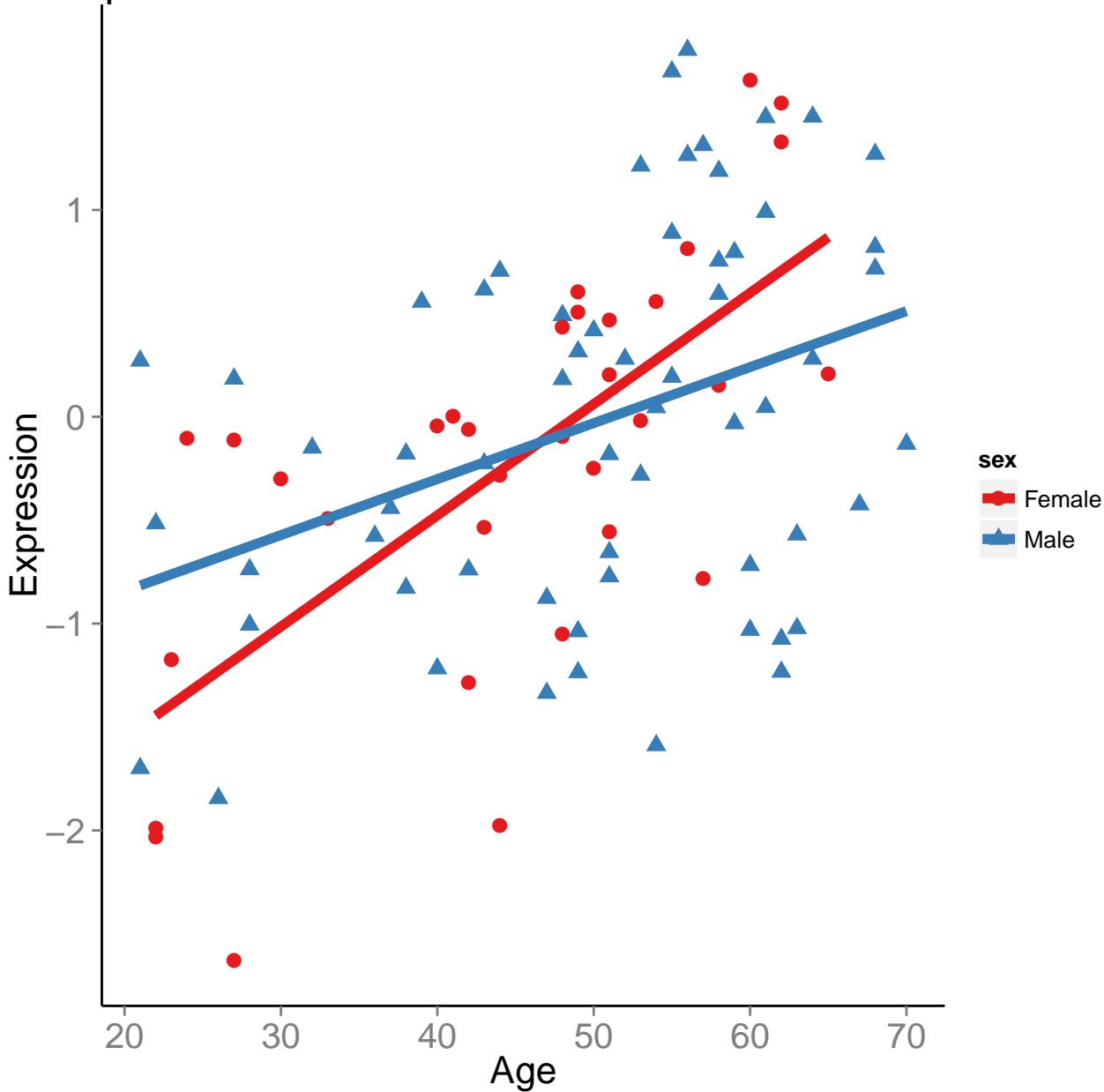
Adipose: RP11-33B1.4 Pearson-R=0.49 Pval=4.88E-07



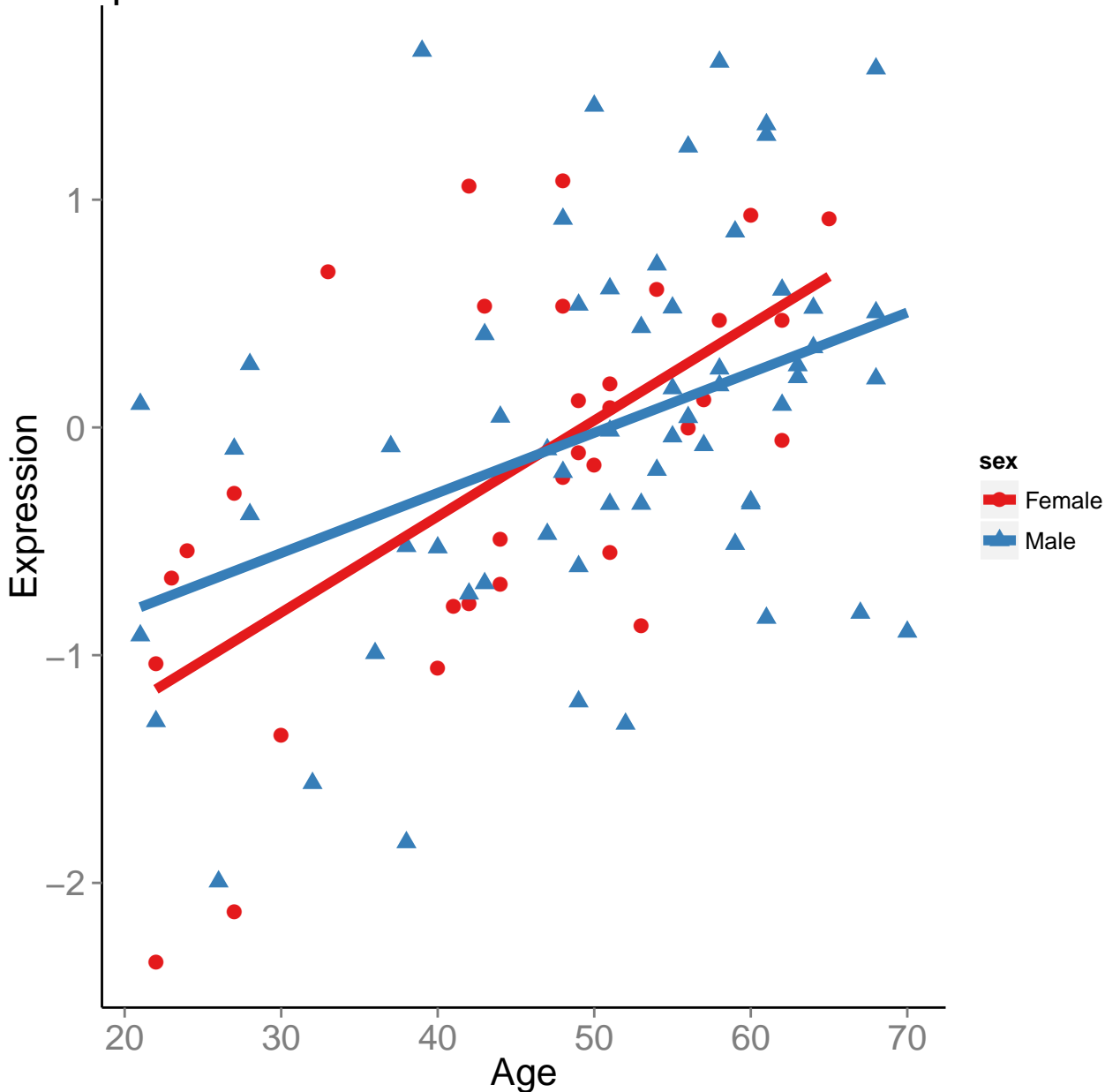
Adipose: TNK1 Pearson-R=0.49 Pval=4.76E-07



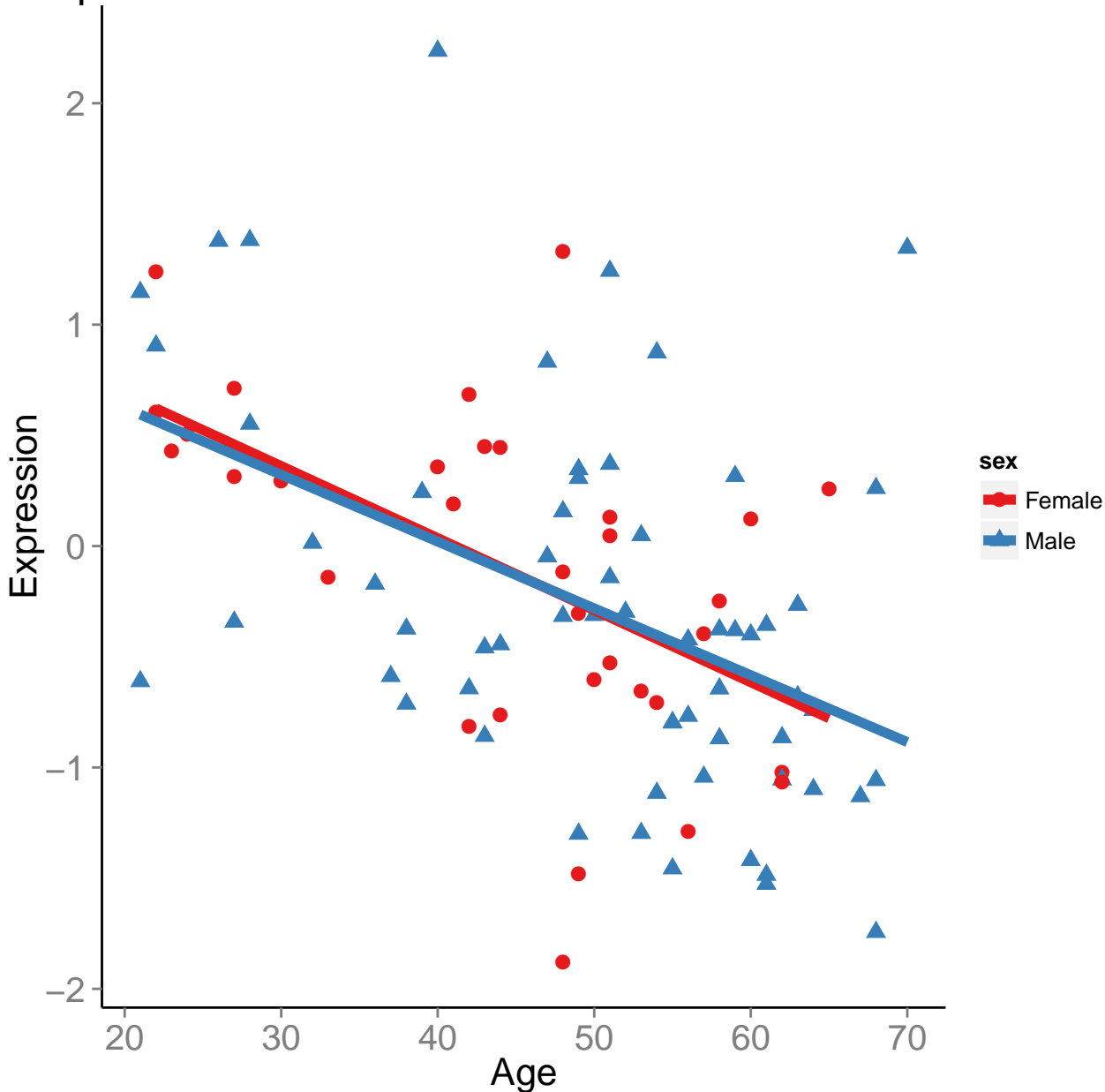
Adipose: ZNF548 Pearson-R=0.49 Pval=4.61E-07



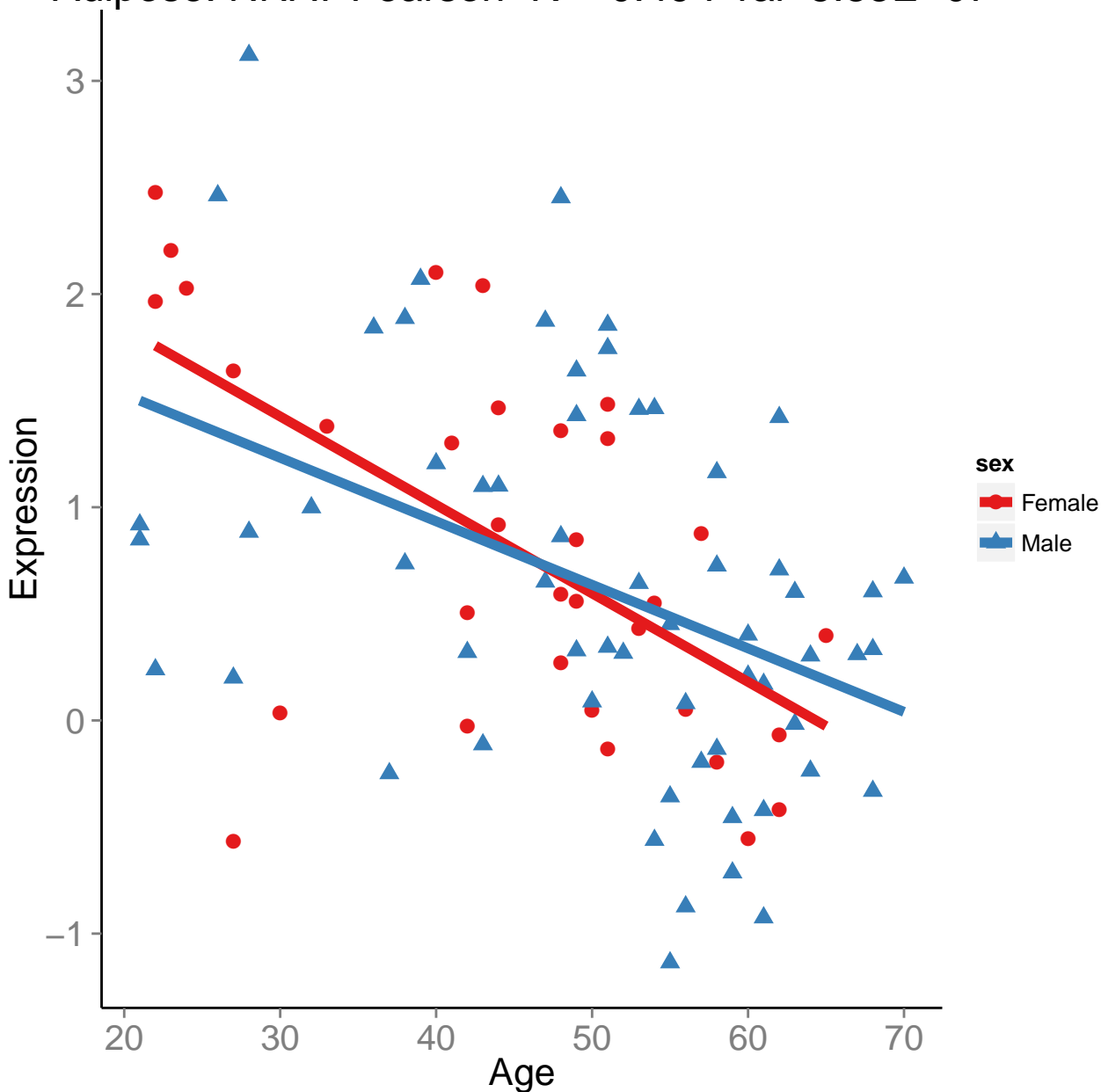
Adipose: EGLN1 Pearson-R=0.49 Pval=4.72E-07



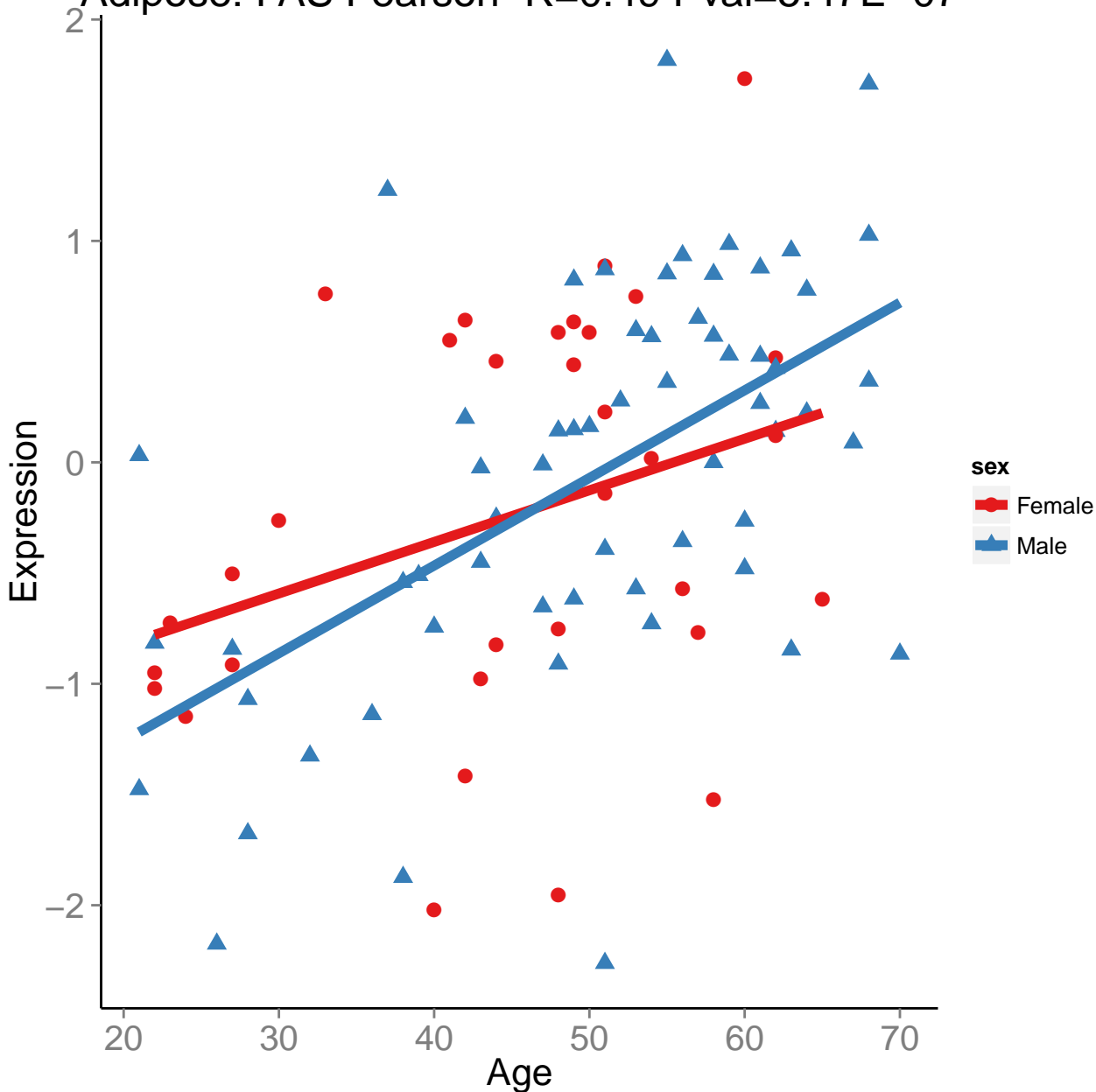
Adipose: PLEKHJ1 Pearson-R=-0.49 Pval=4.99E-07



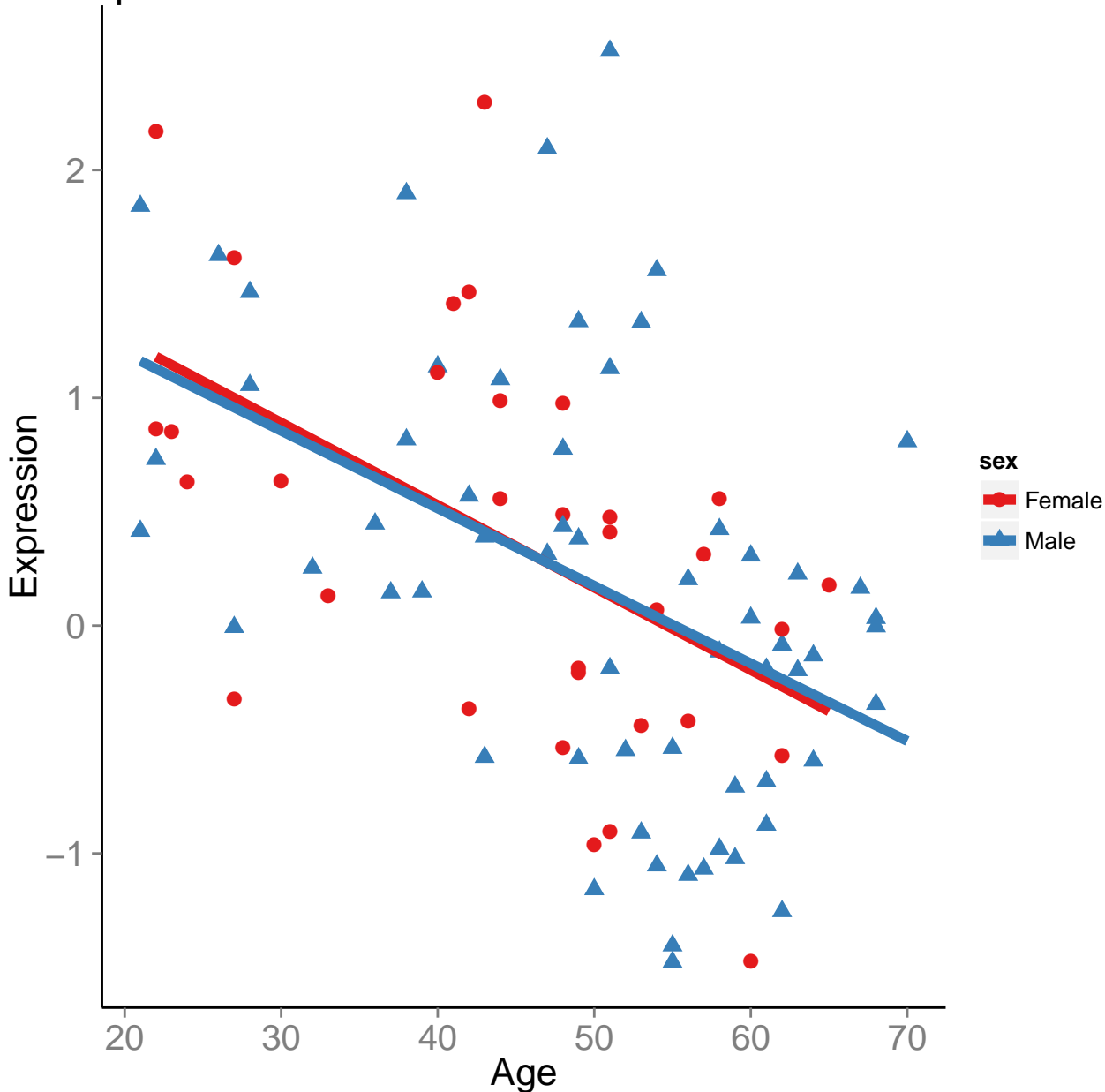
Adipose: NNAT Pearson-R=-0.49 Pval=5.83E-07



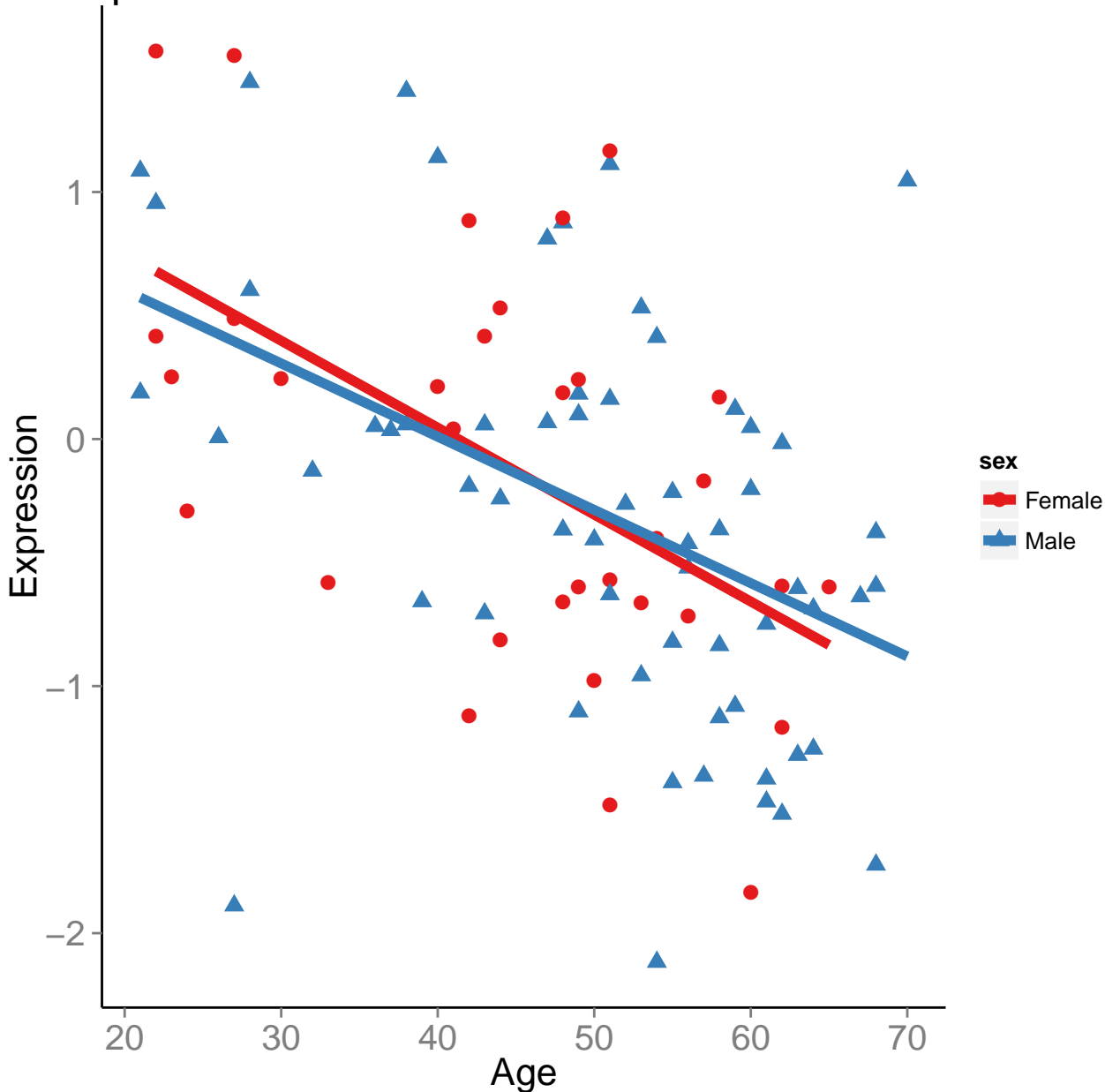
Adipose: FAS Pearson-R=0.49 Pval=5.47E-07



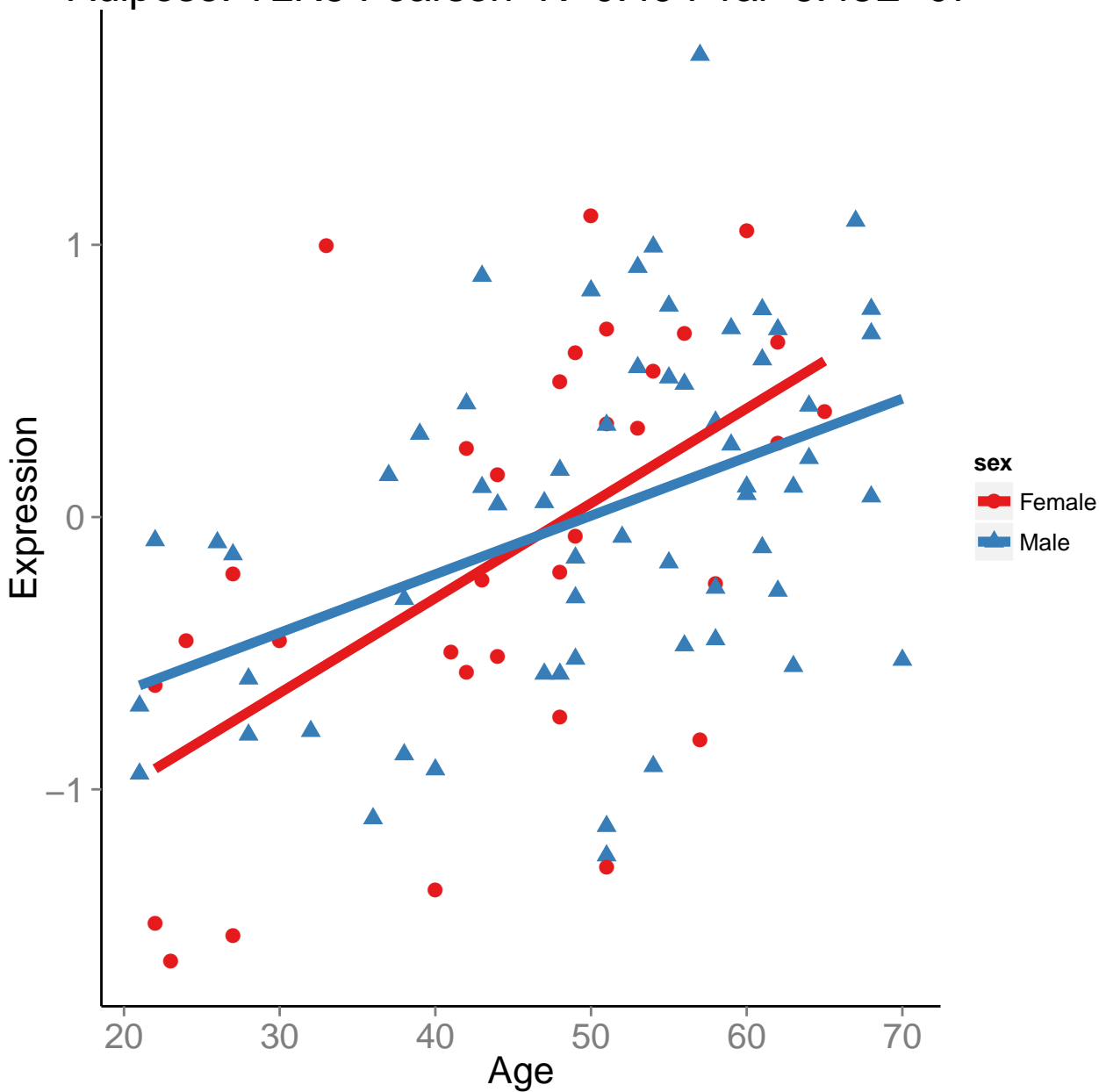
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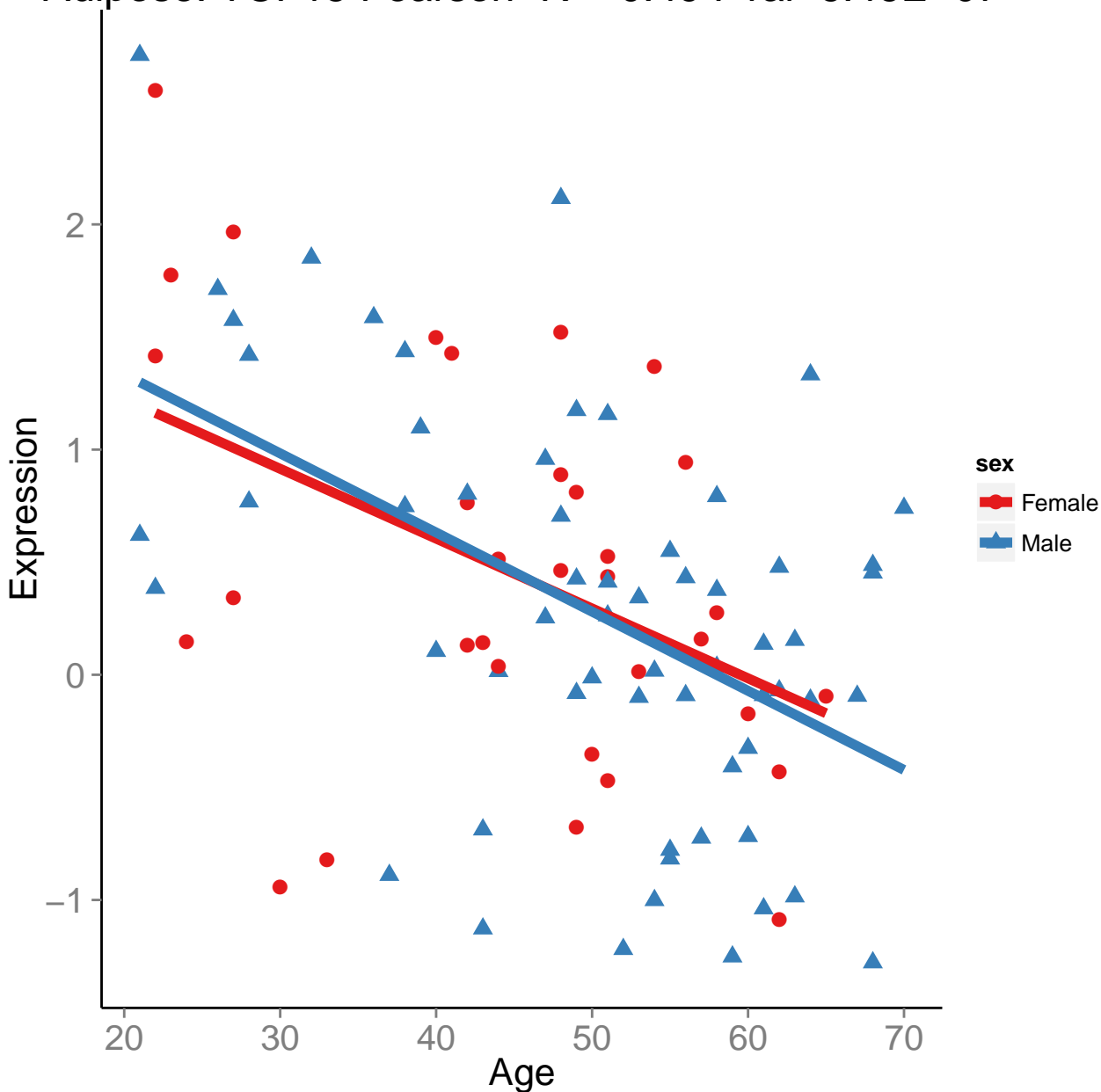
Adipose: FPGS Pearson-R=-0.49 Pval=5.79E-07



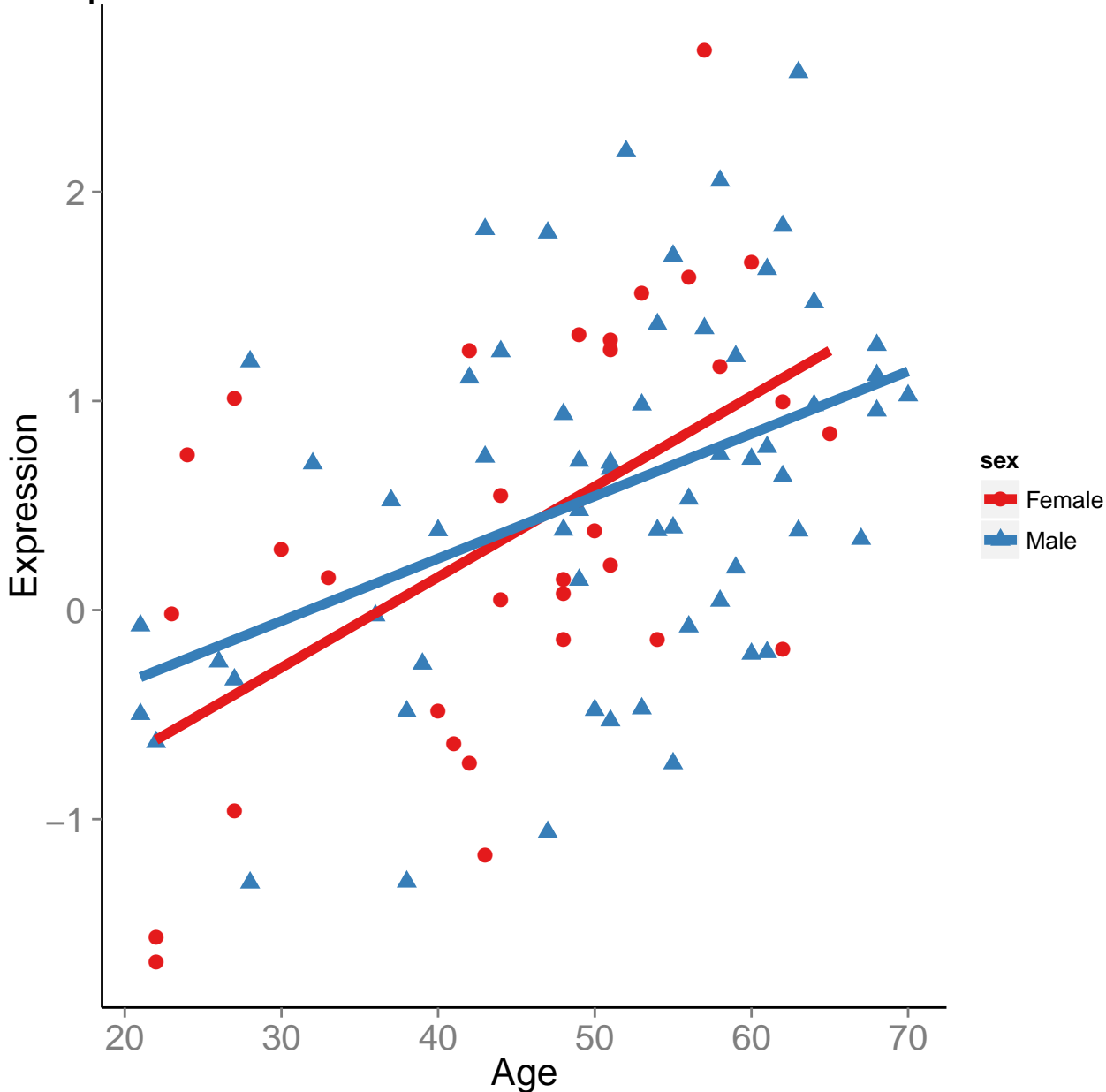
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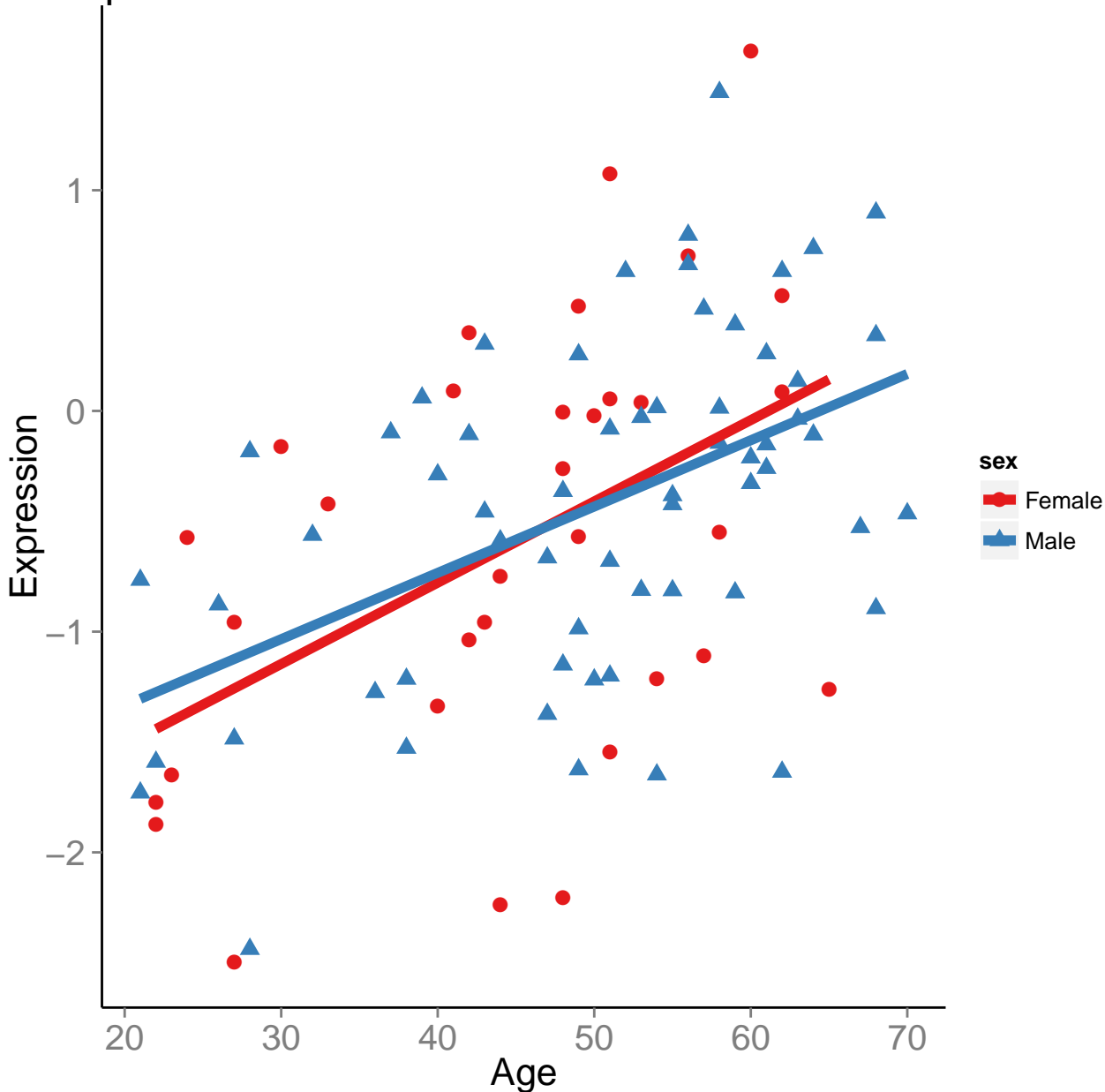
Adipose: TCF15 Pearson-R=-0.49 Pval=6.46E-07



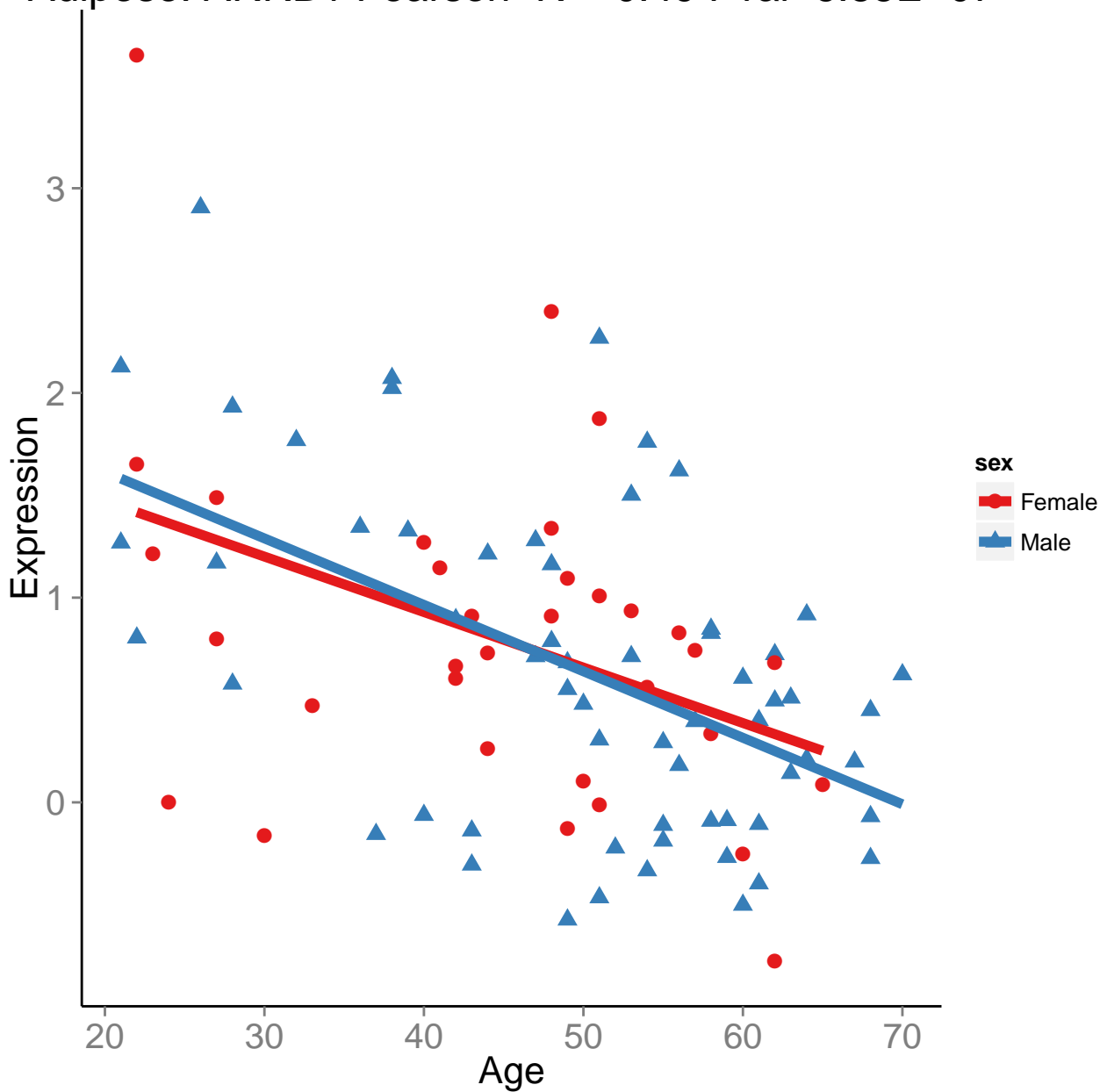
Adipose: ALDH1A2 Pearson-R=0.49 Pval=6.32E-07



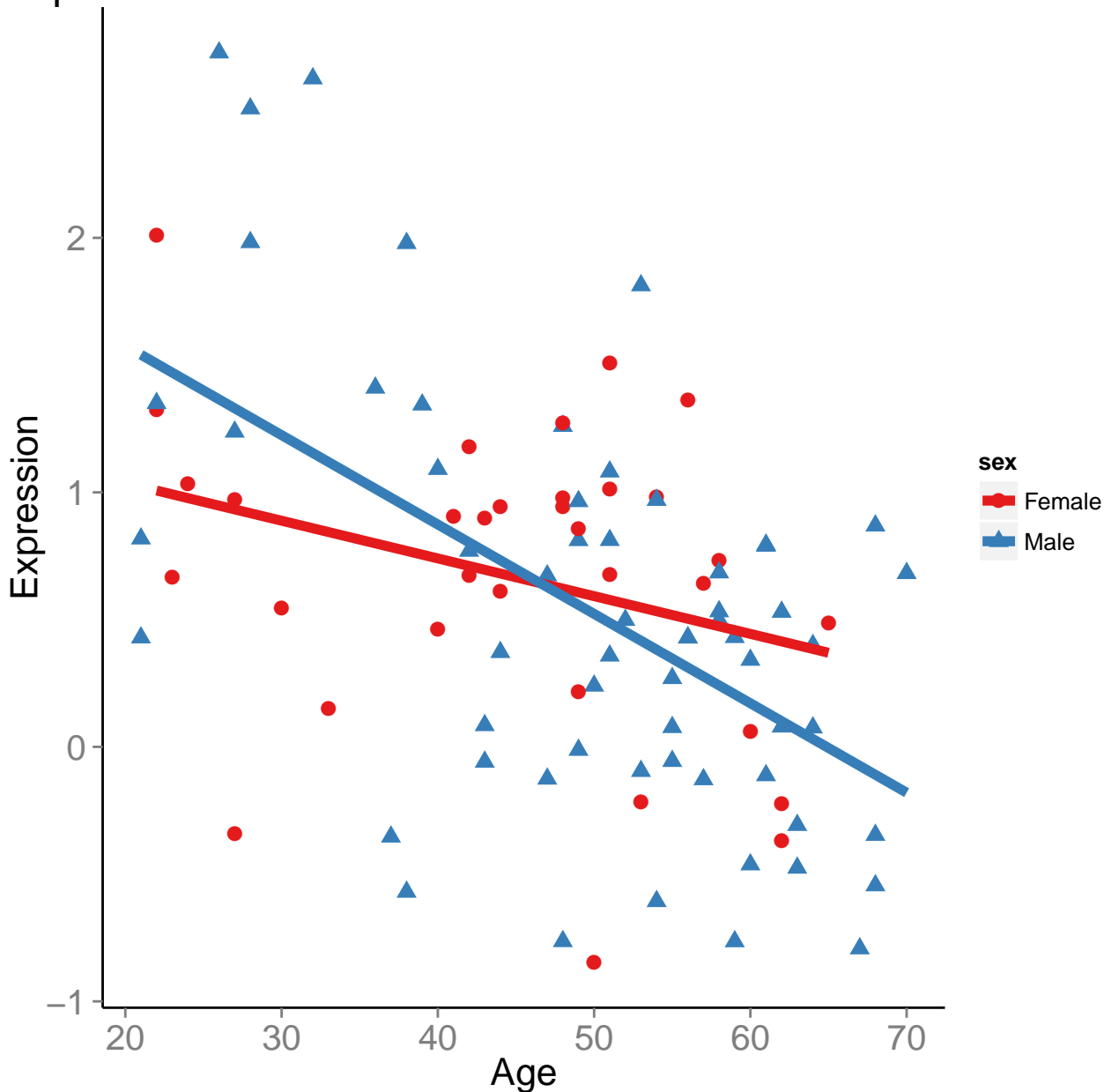
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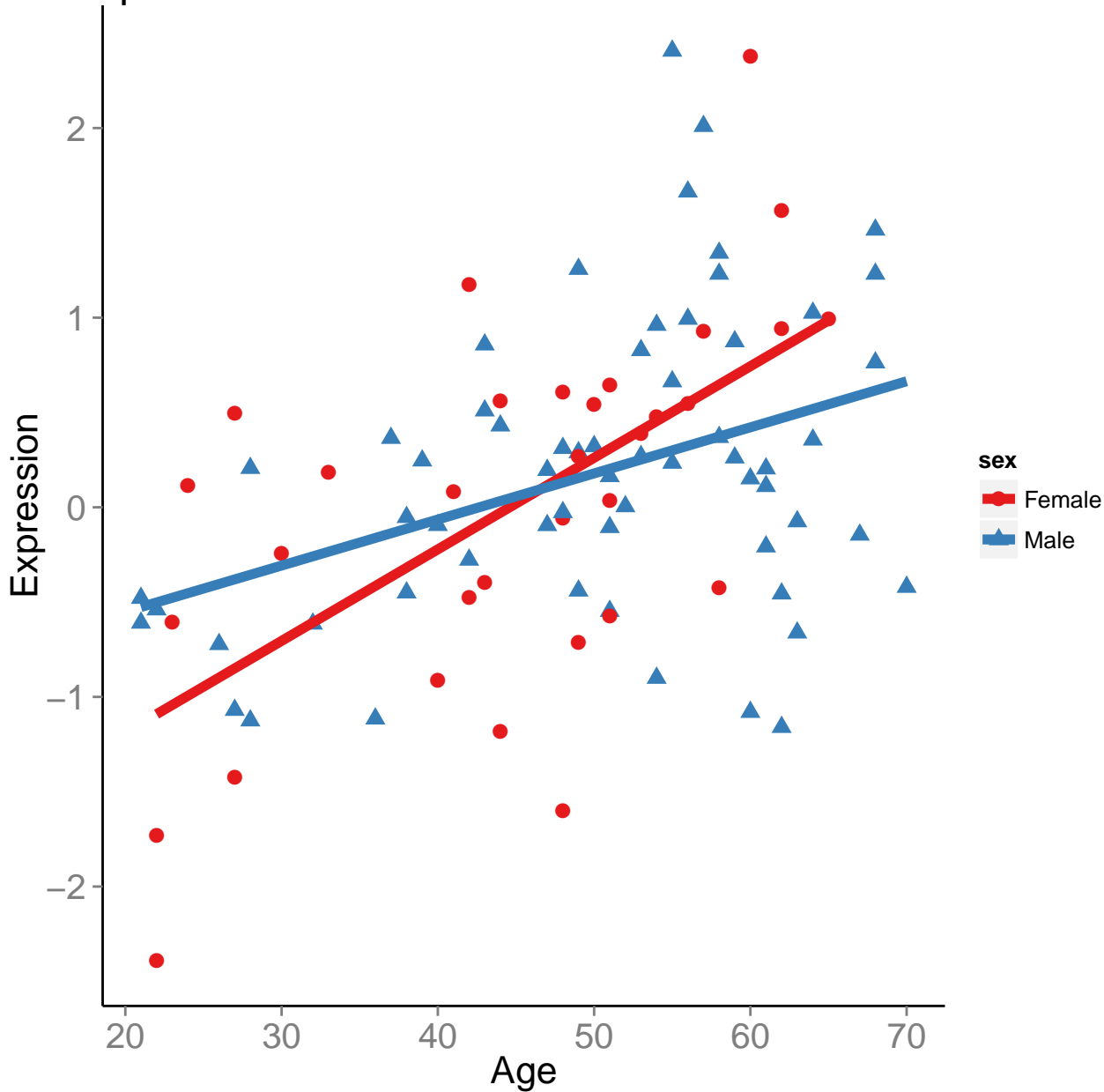
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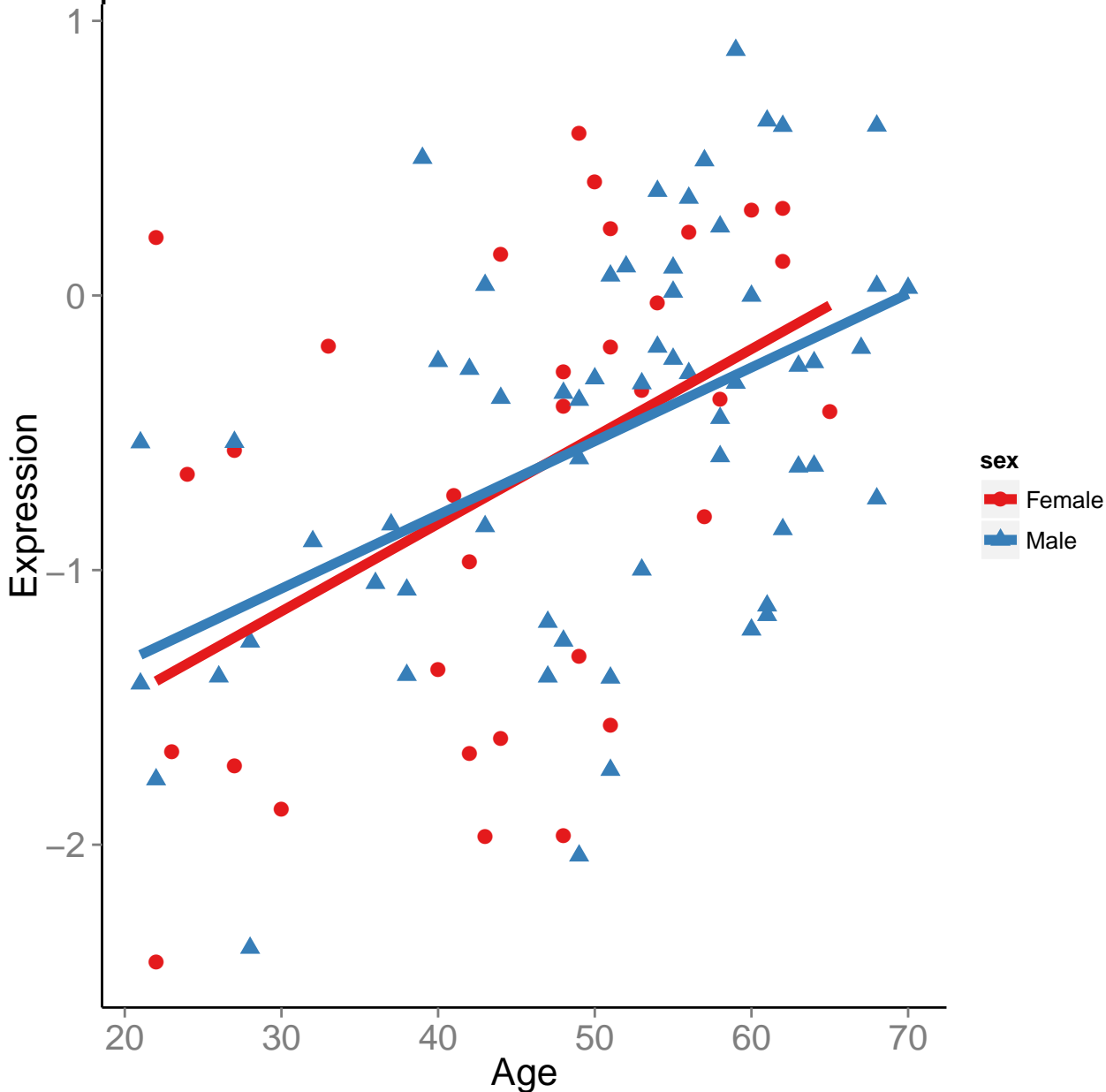
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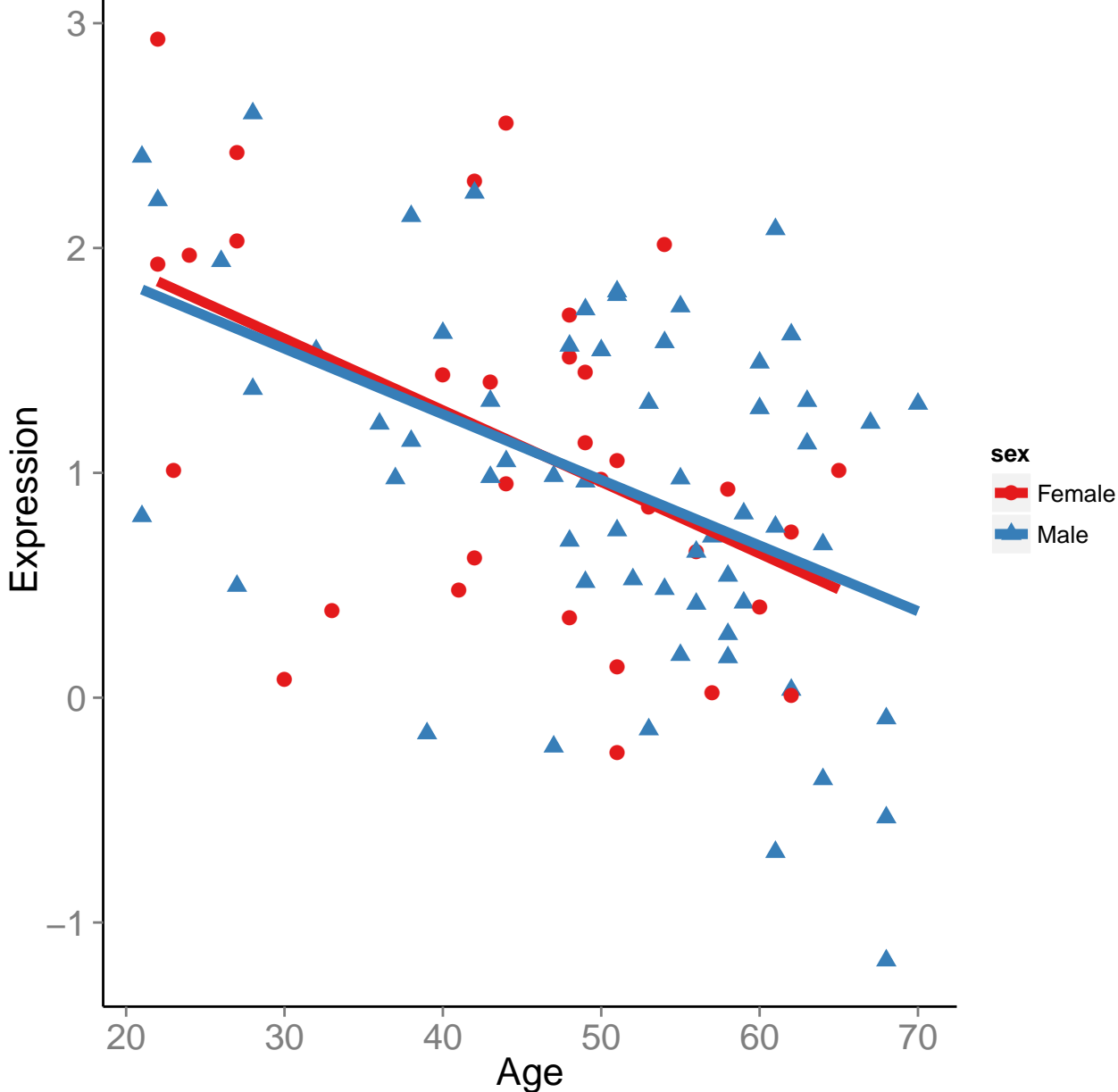
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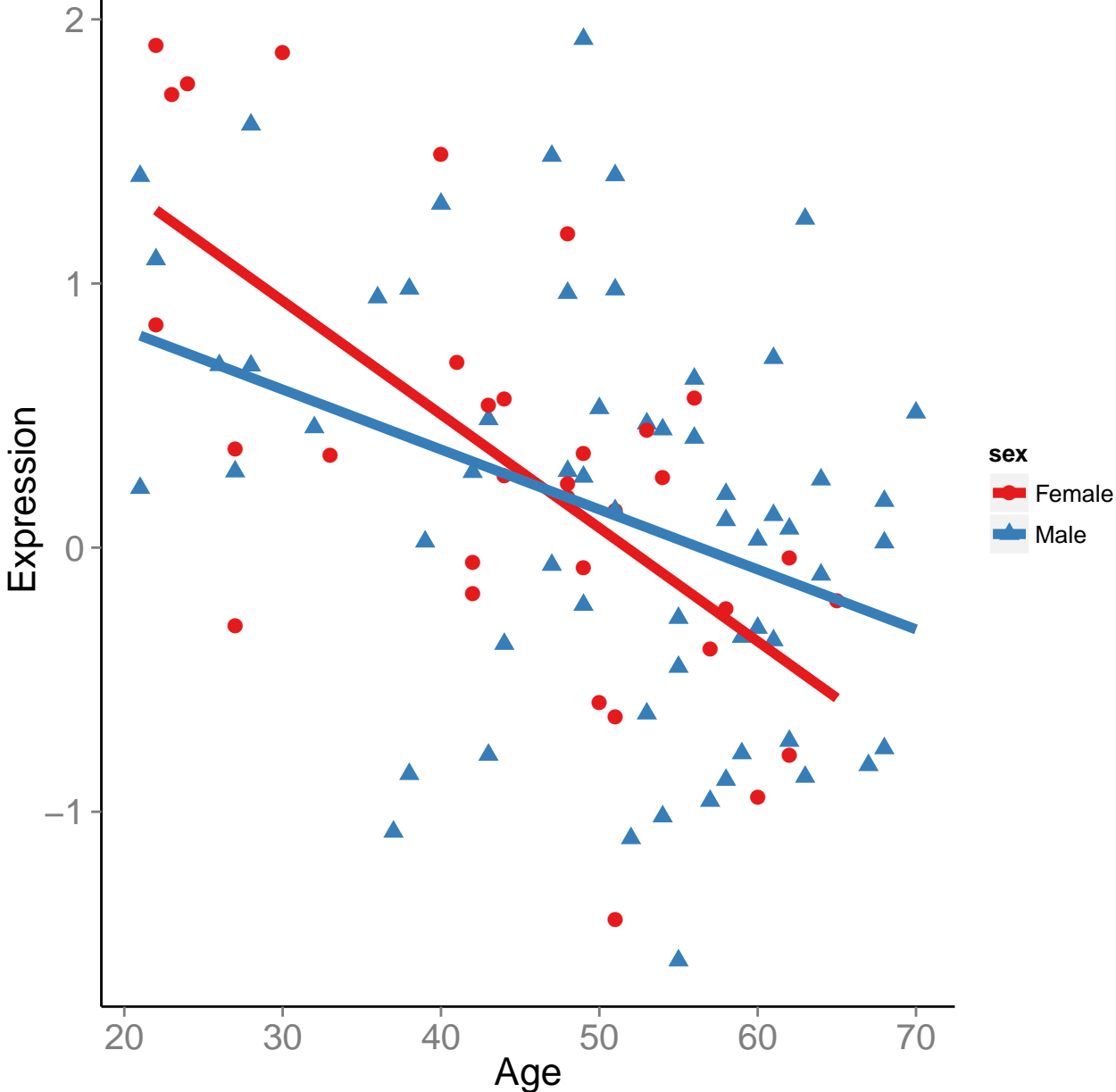
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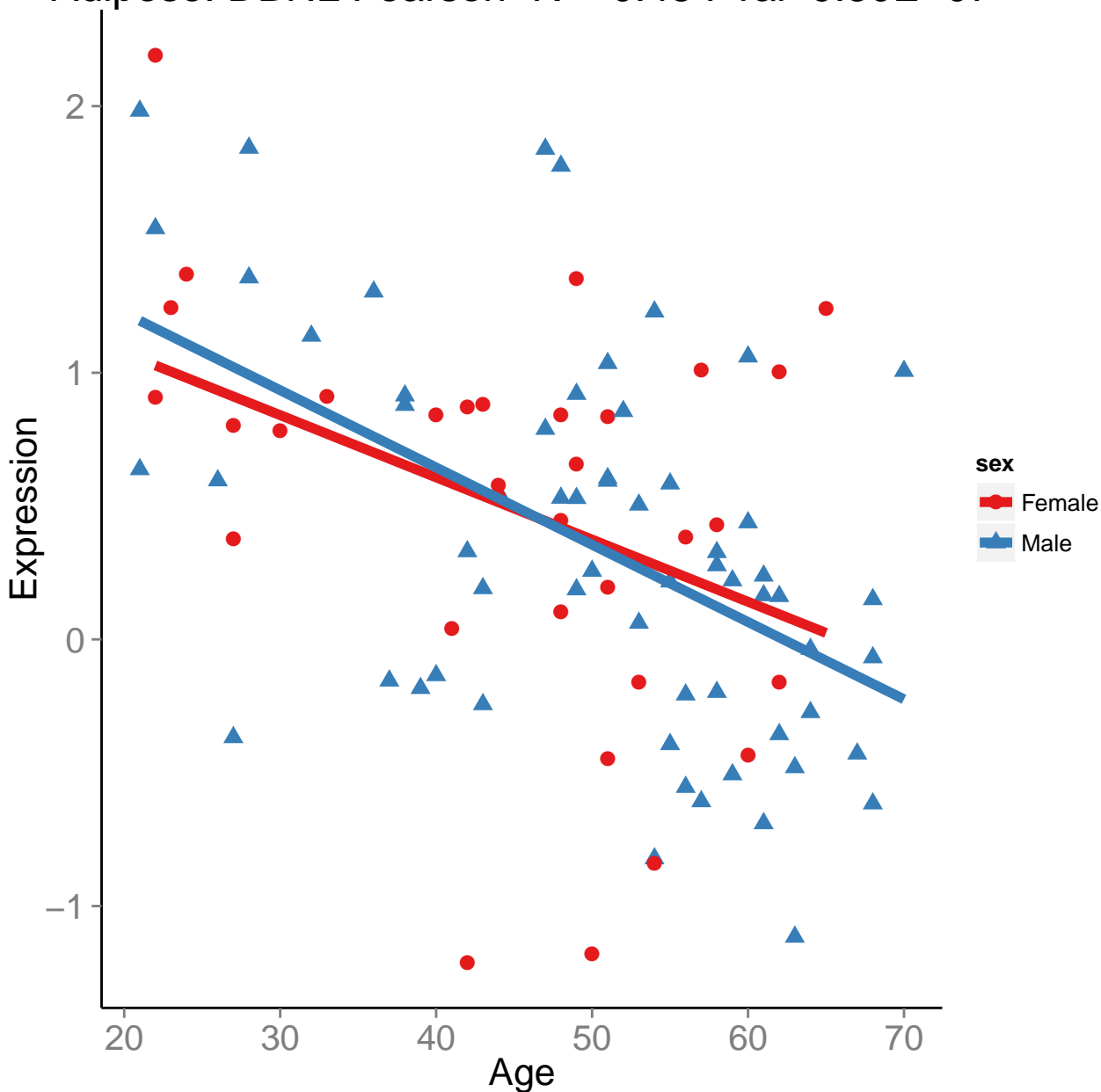
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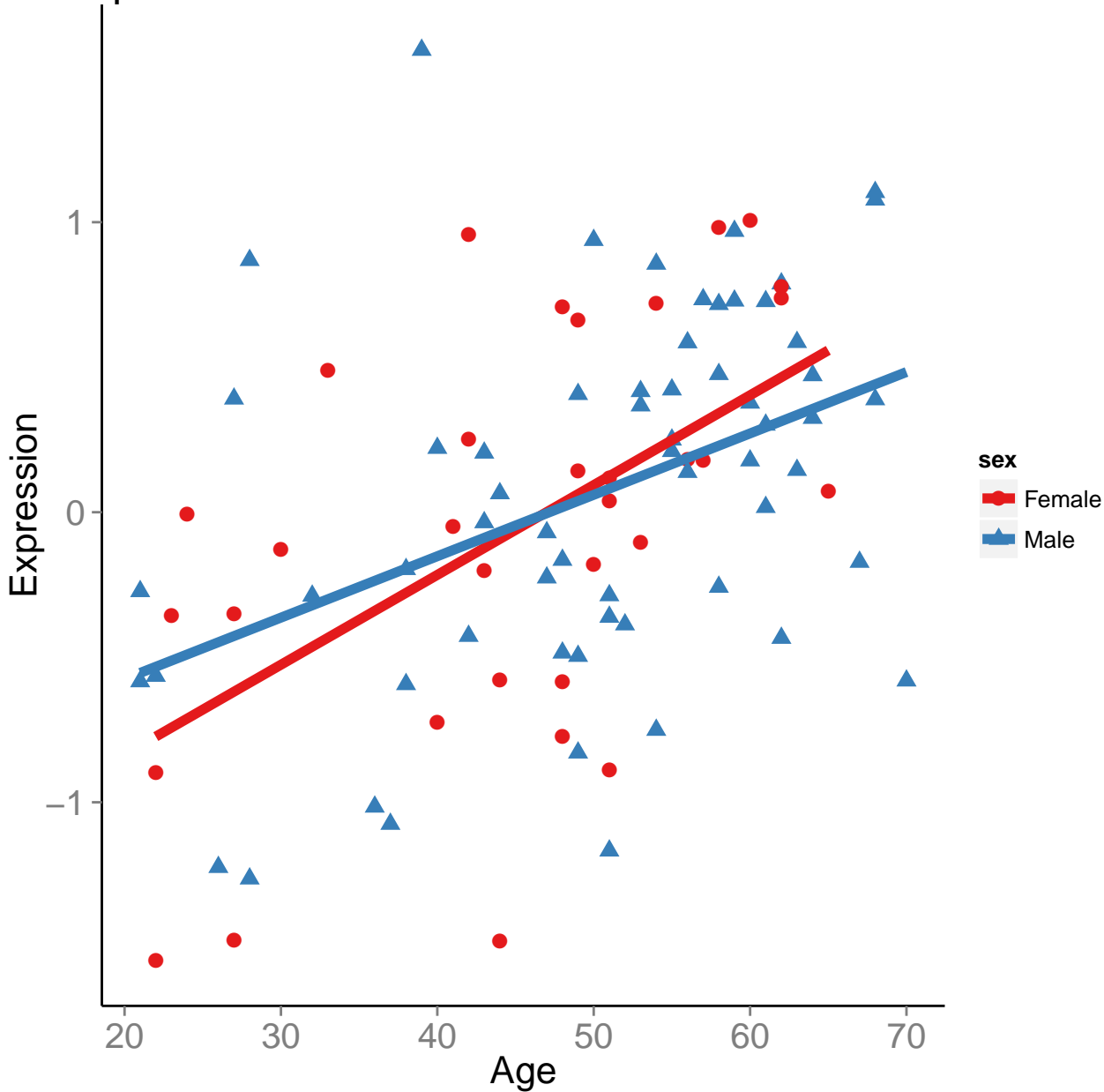
Adipose: FABP4 Pearson-R=-0.48 Pval=9.46E-07



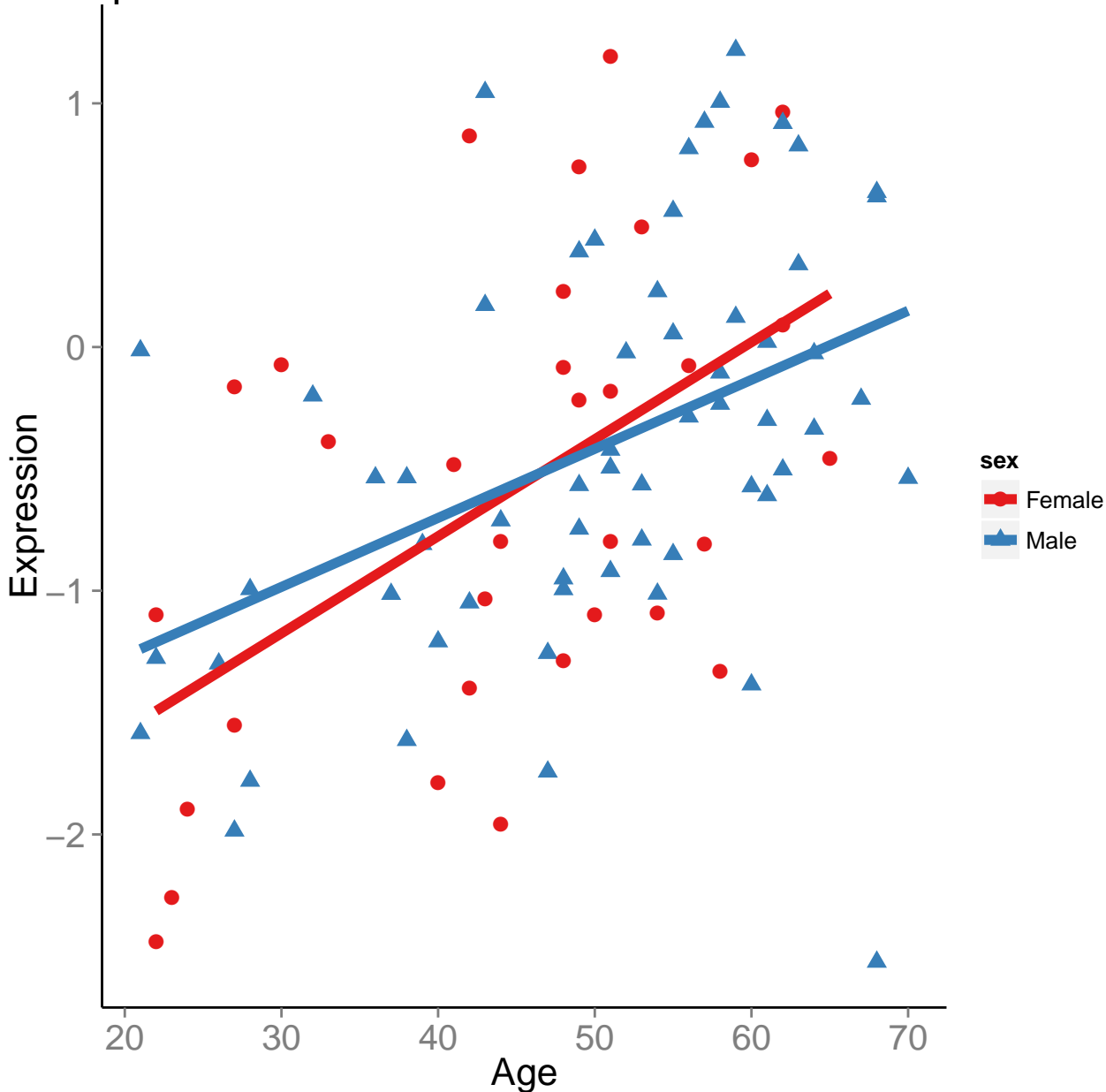
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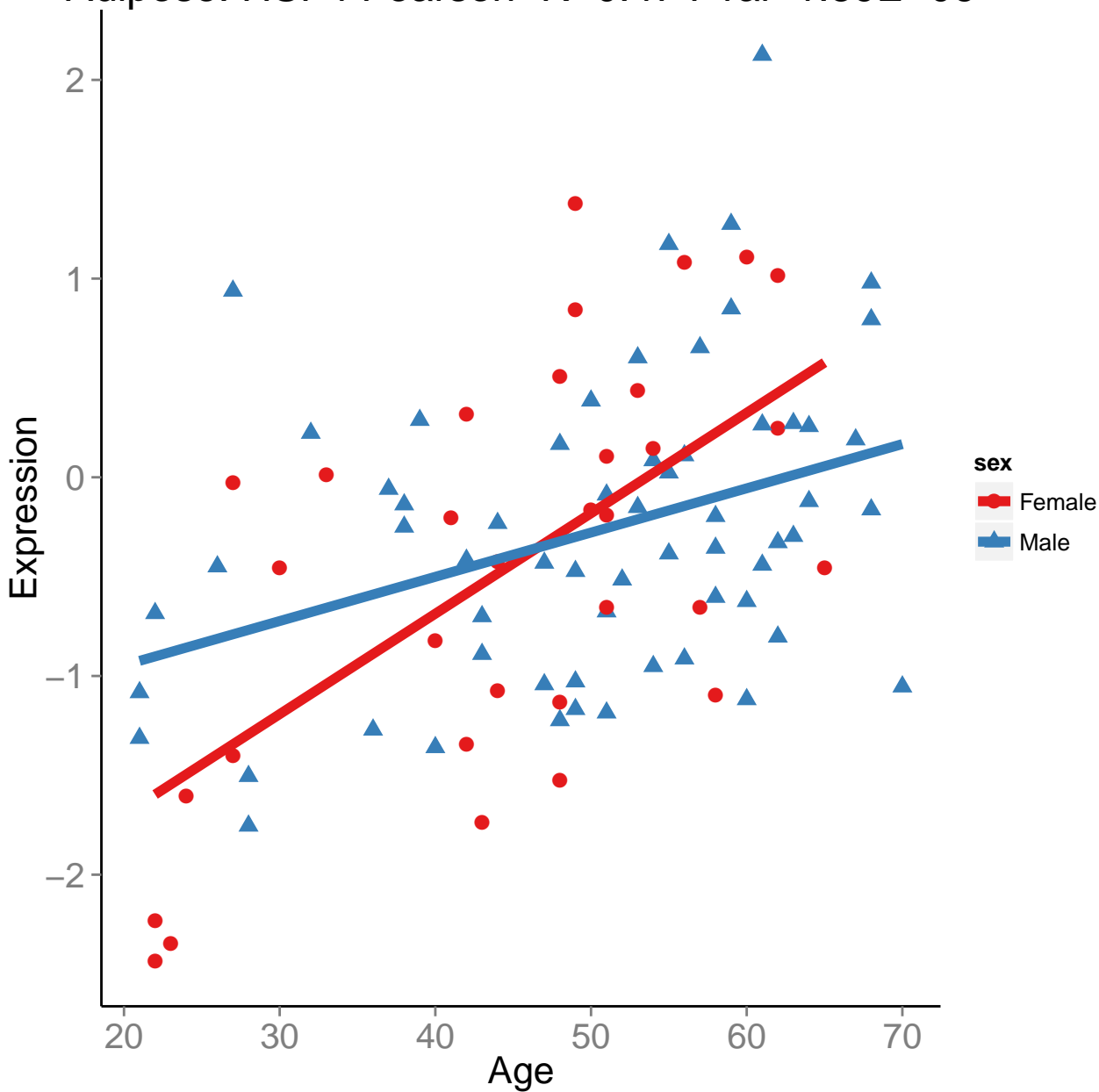
Adipose: BACE2 Pearson-R=0.48 Pval=1.20E-06



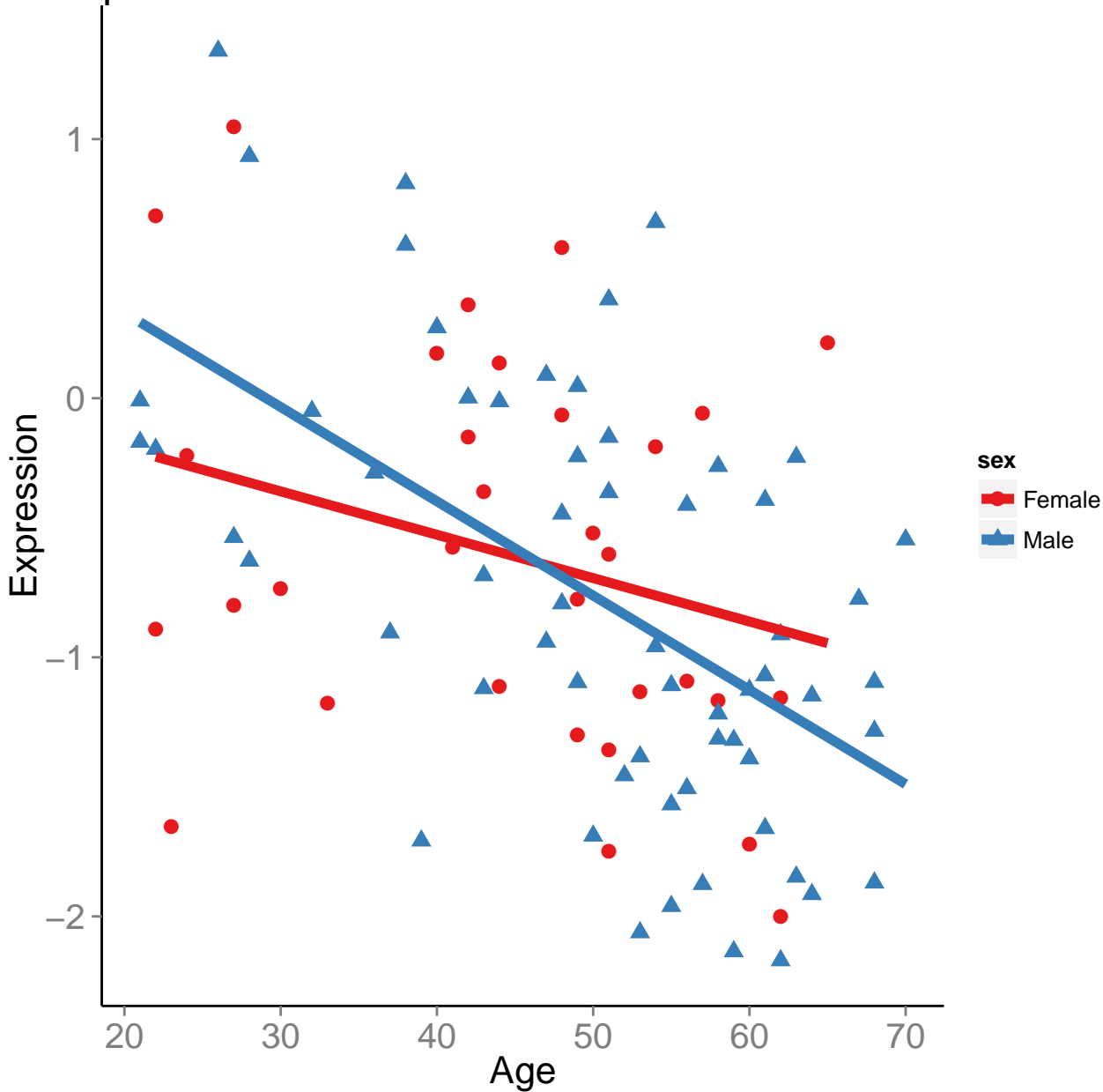
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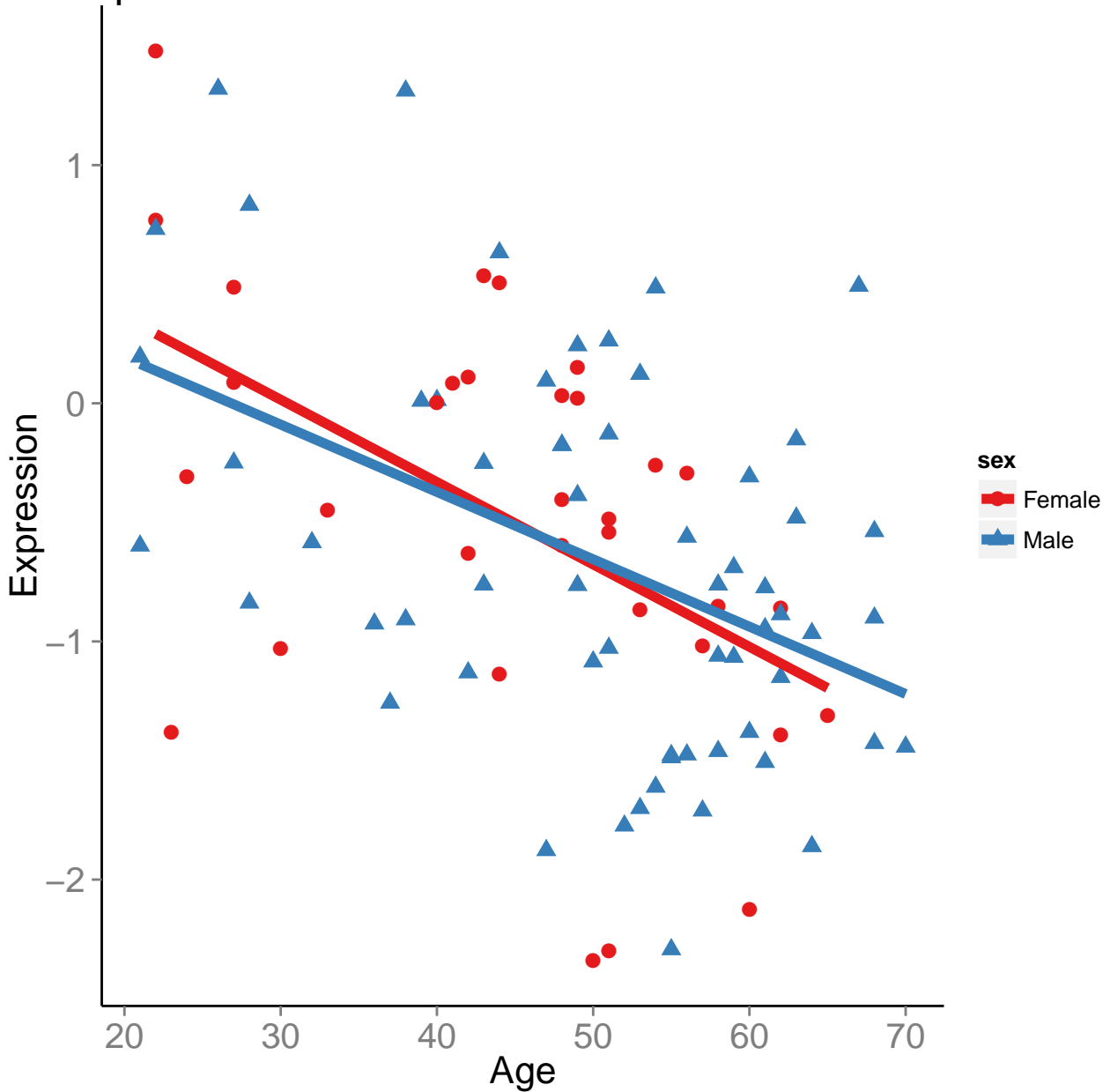
Adipose: HSF4 Pearson-R=0.47 Pval=1.39E-06



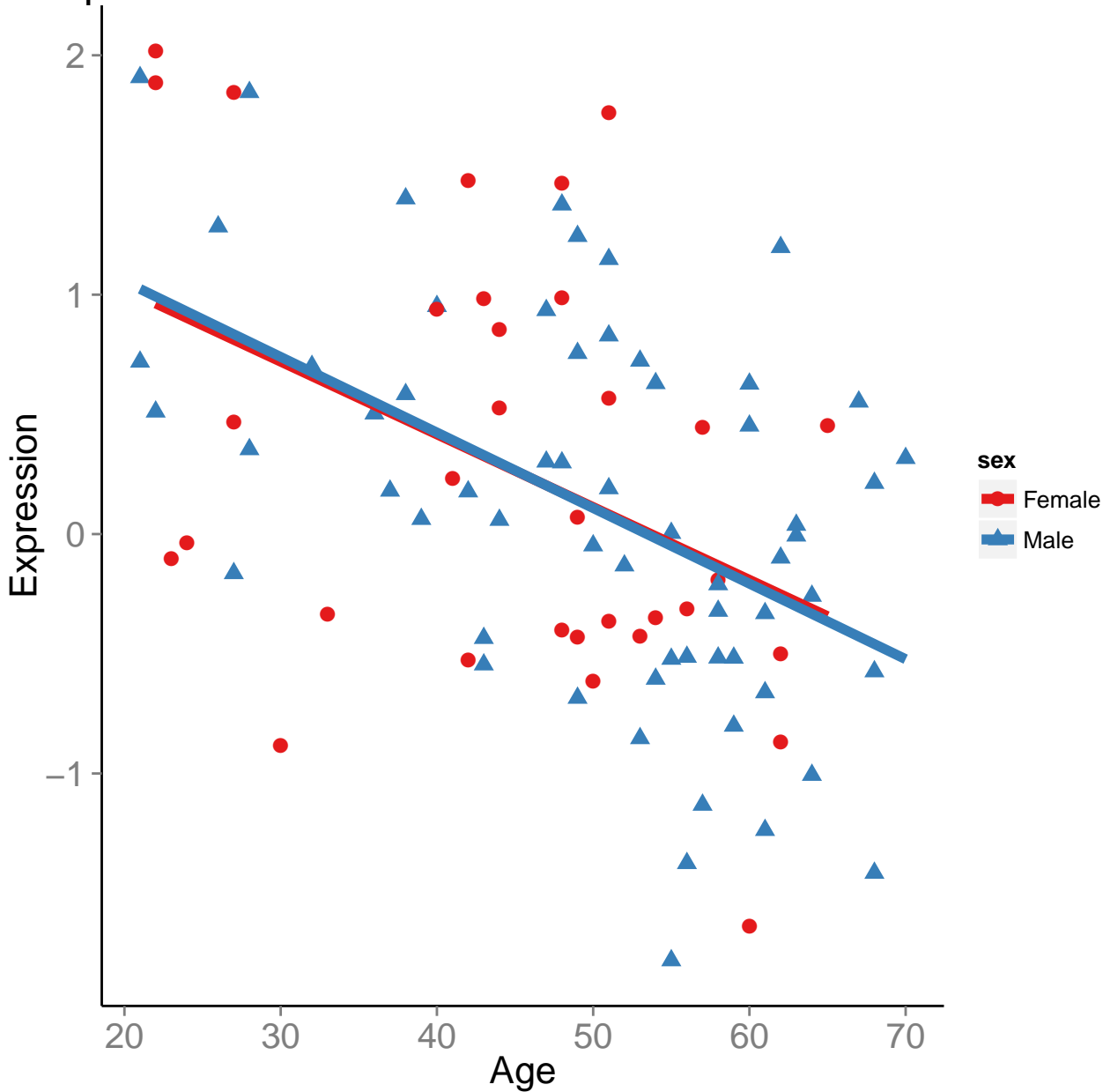
Adipose: ALAS1 Pearson-R=-0.48 Pval=1.25E-06



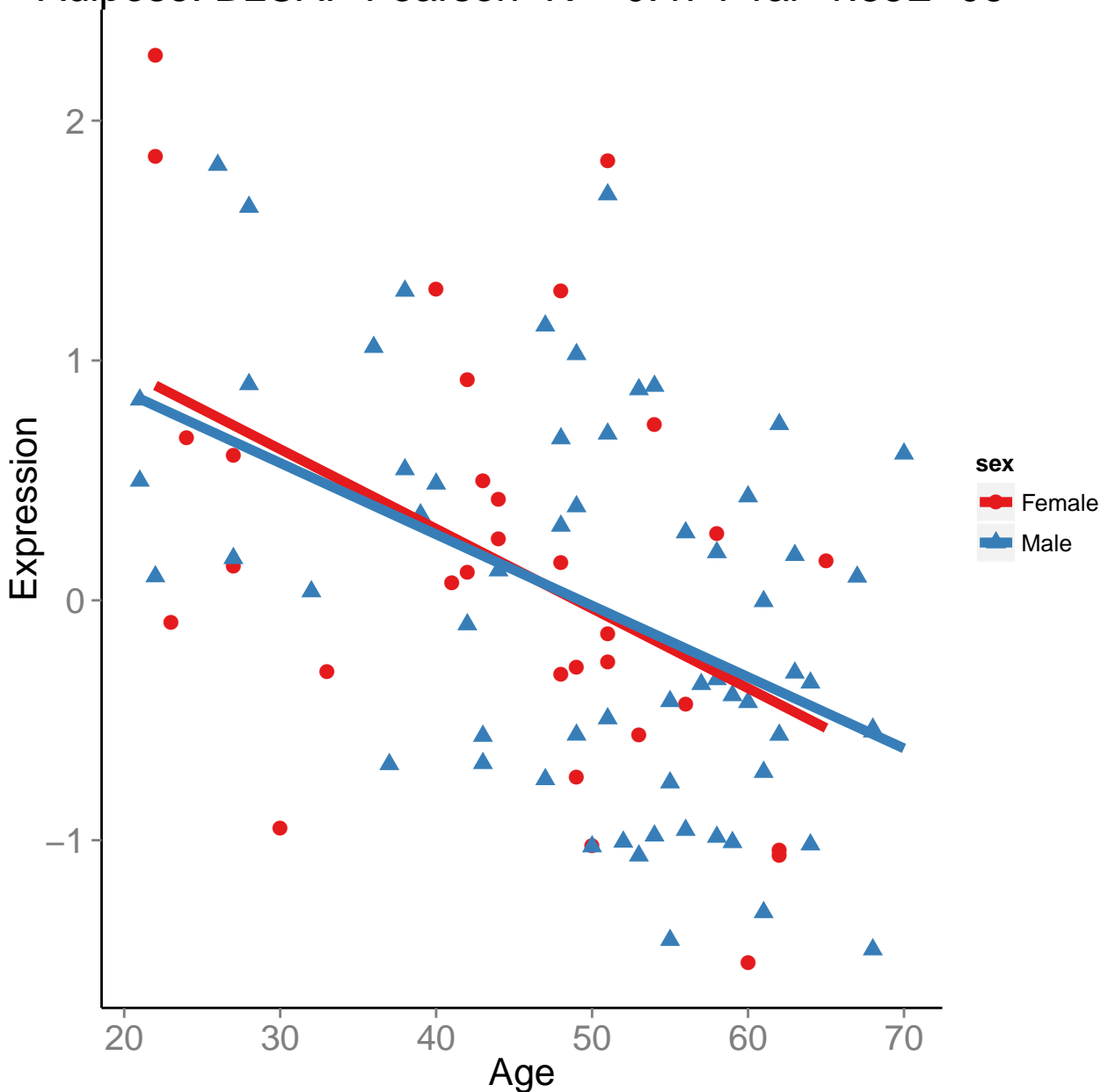
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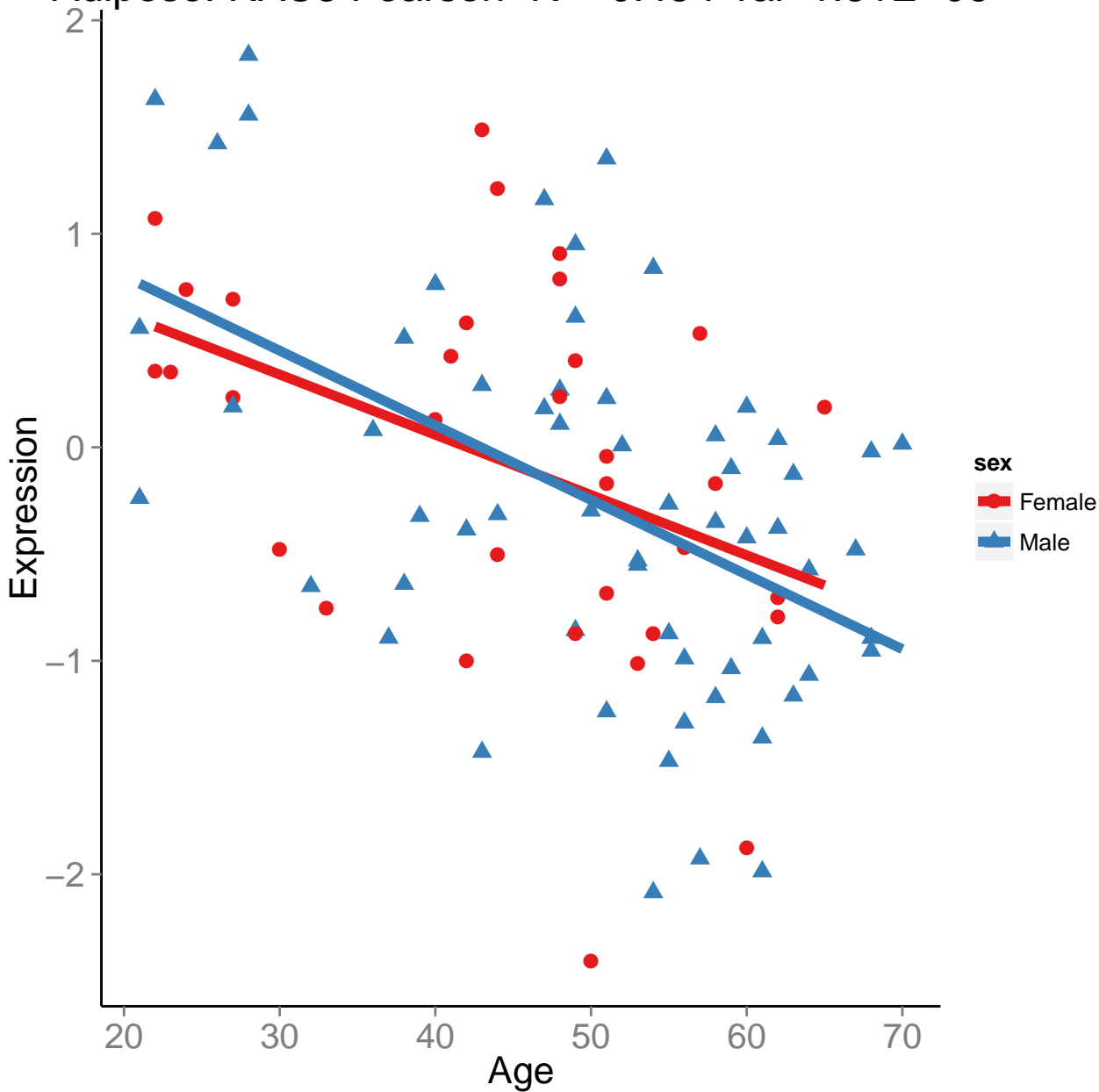
Adipose: PTGER3 Pearson-R=-0.47 Pval=1.40E-06



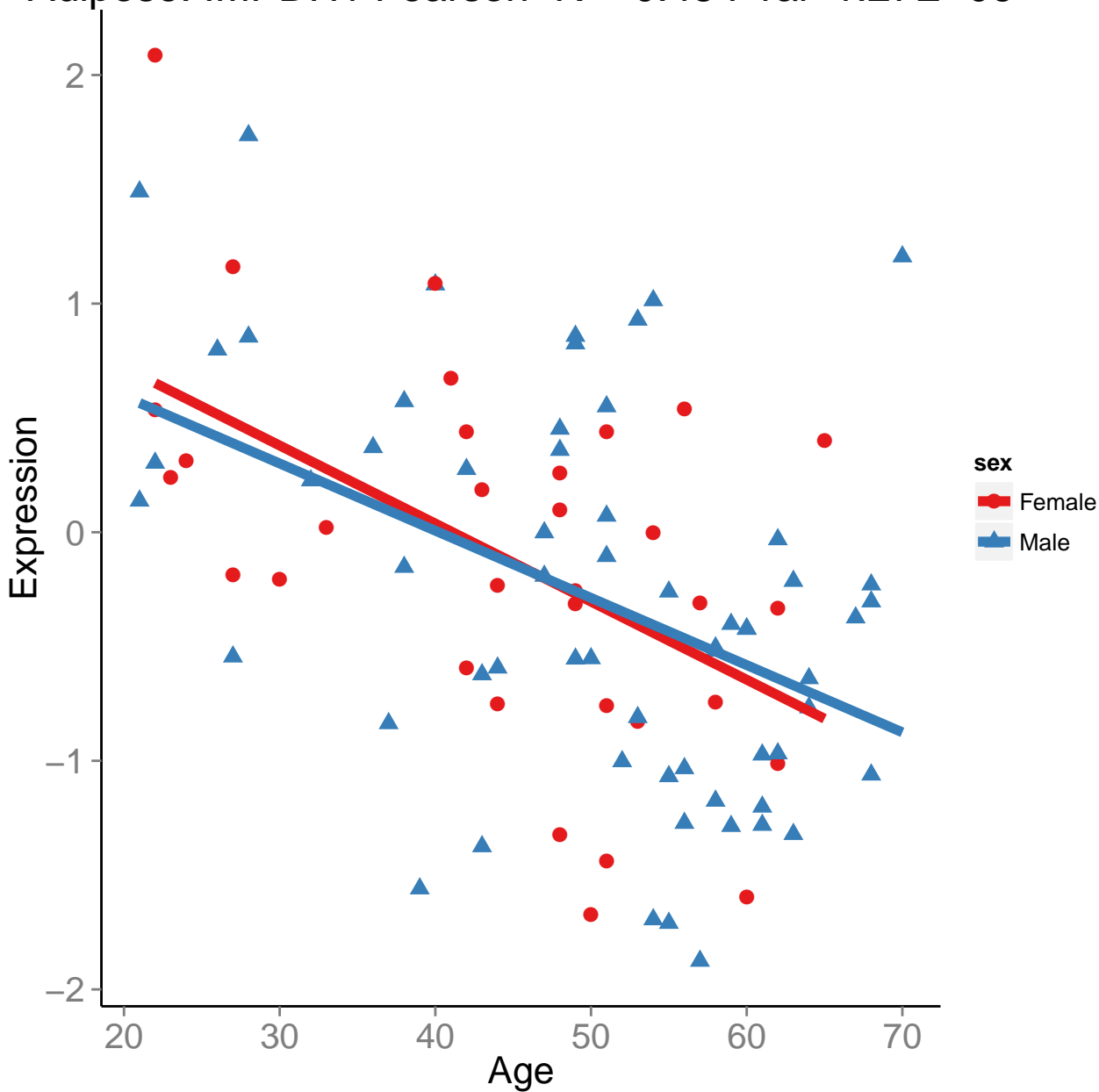
Adipose: BLCAP Pearson-R=-0.47 Pval=1.35E-06



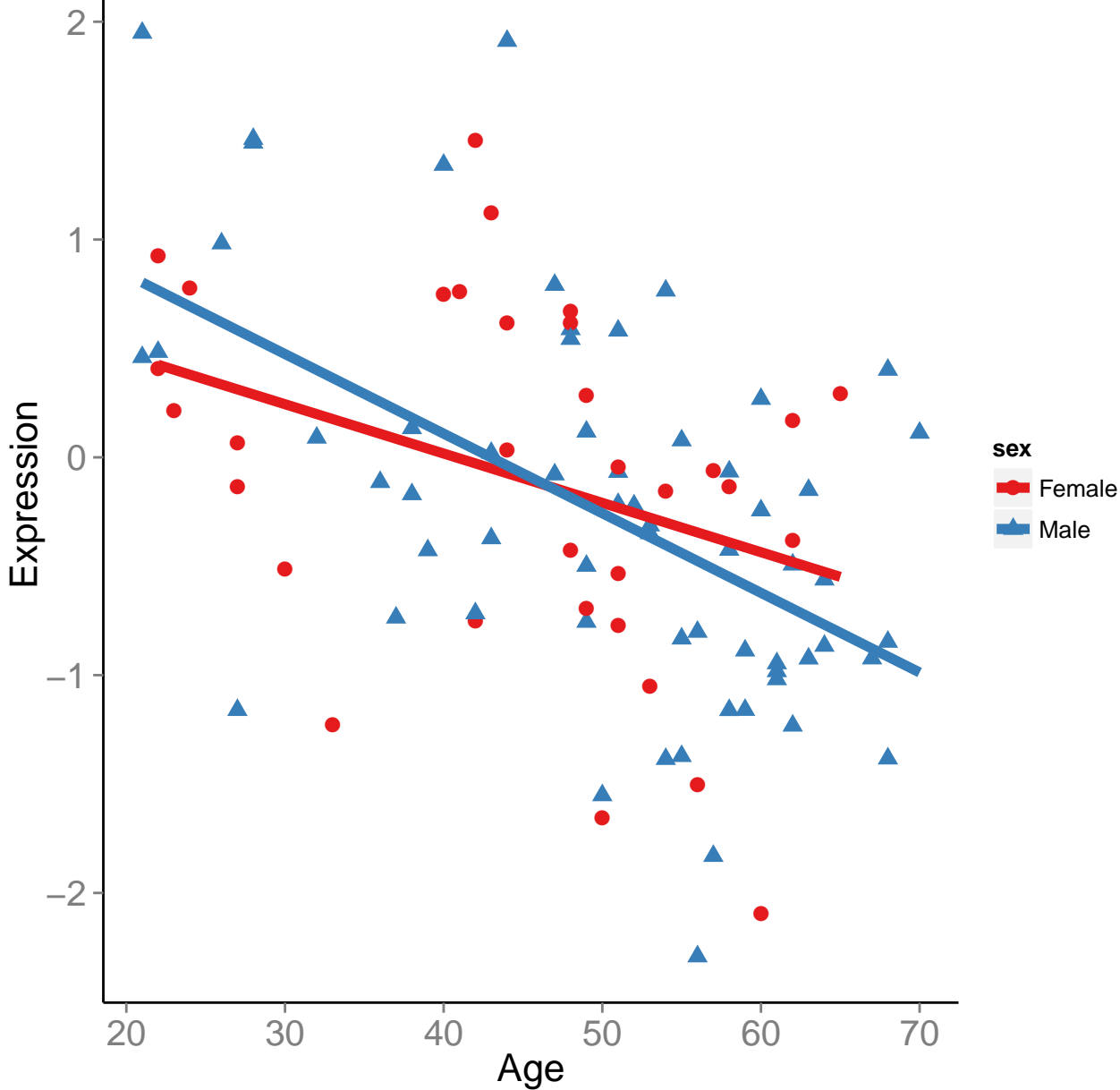
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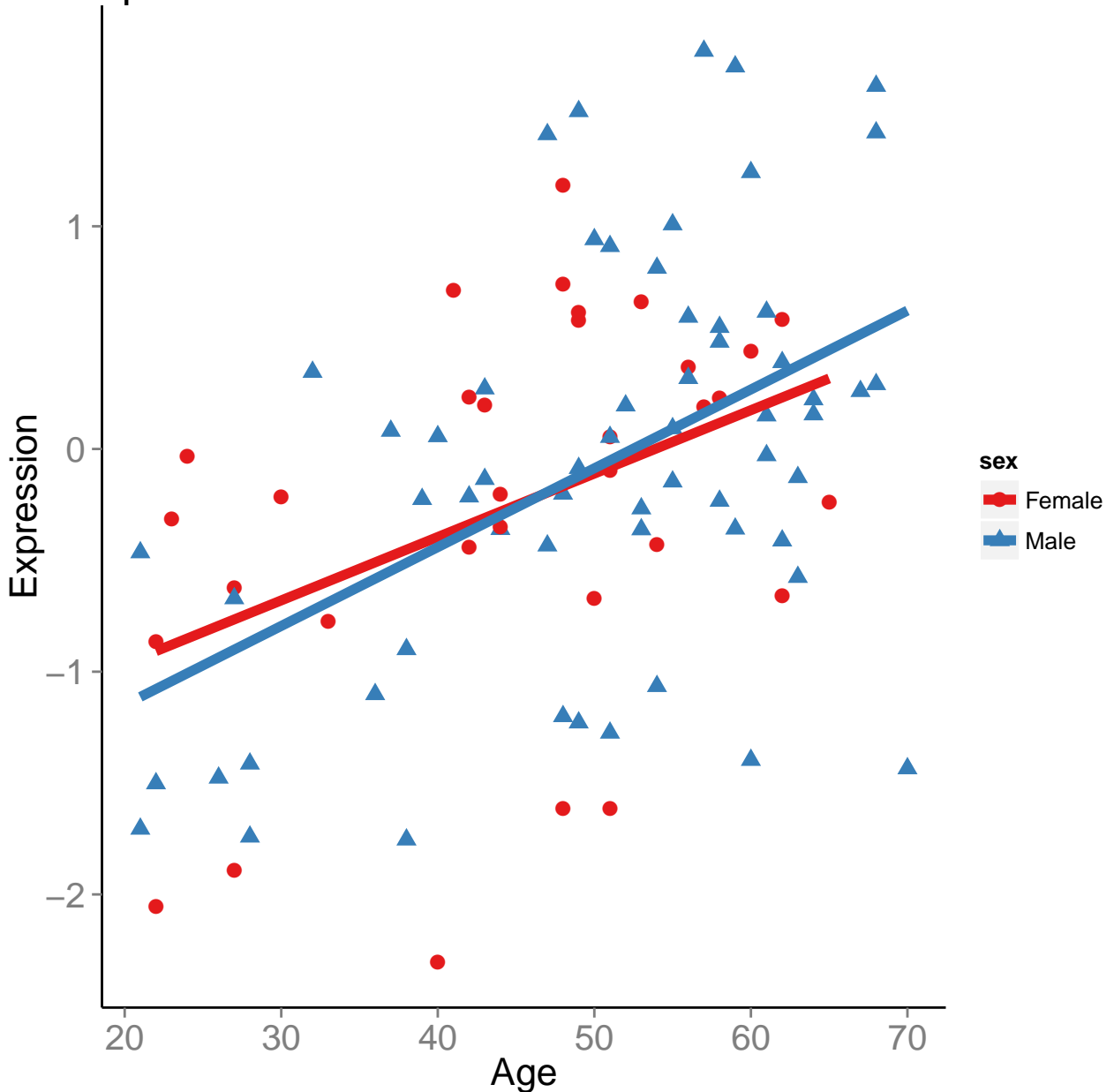
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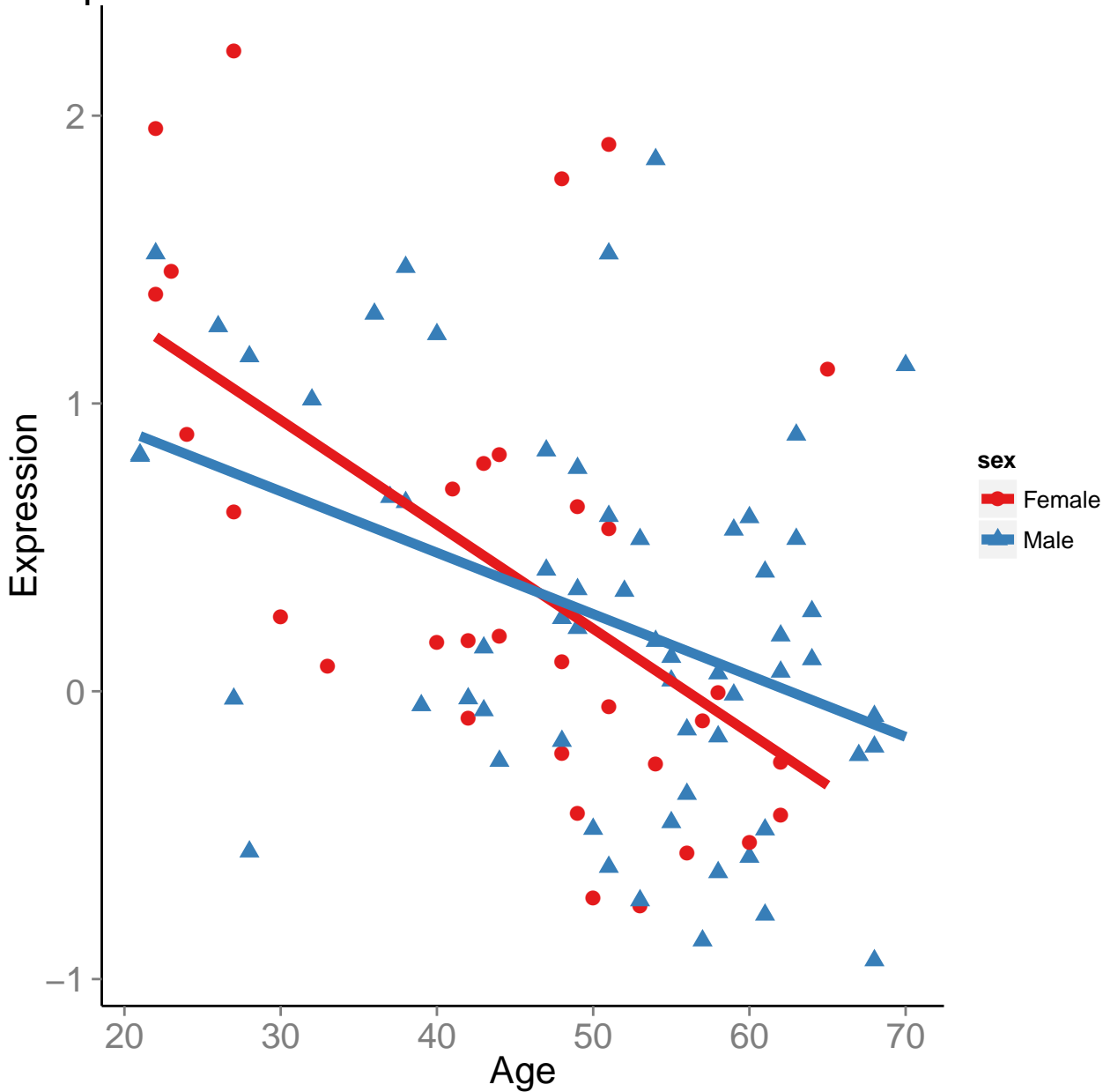
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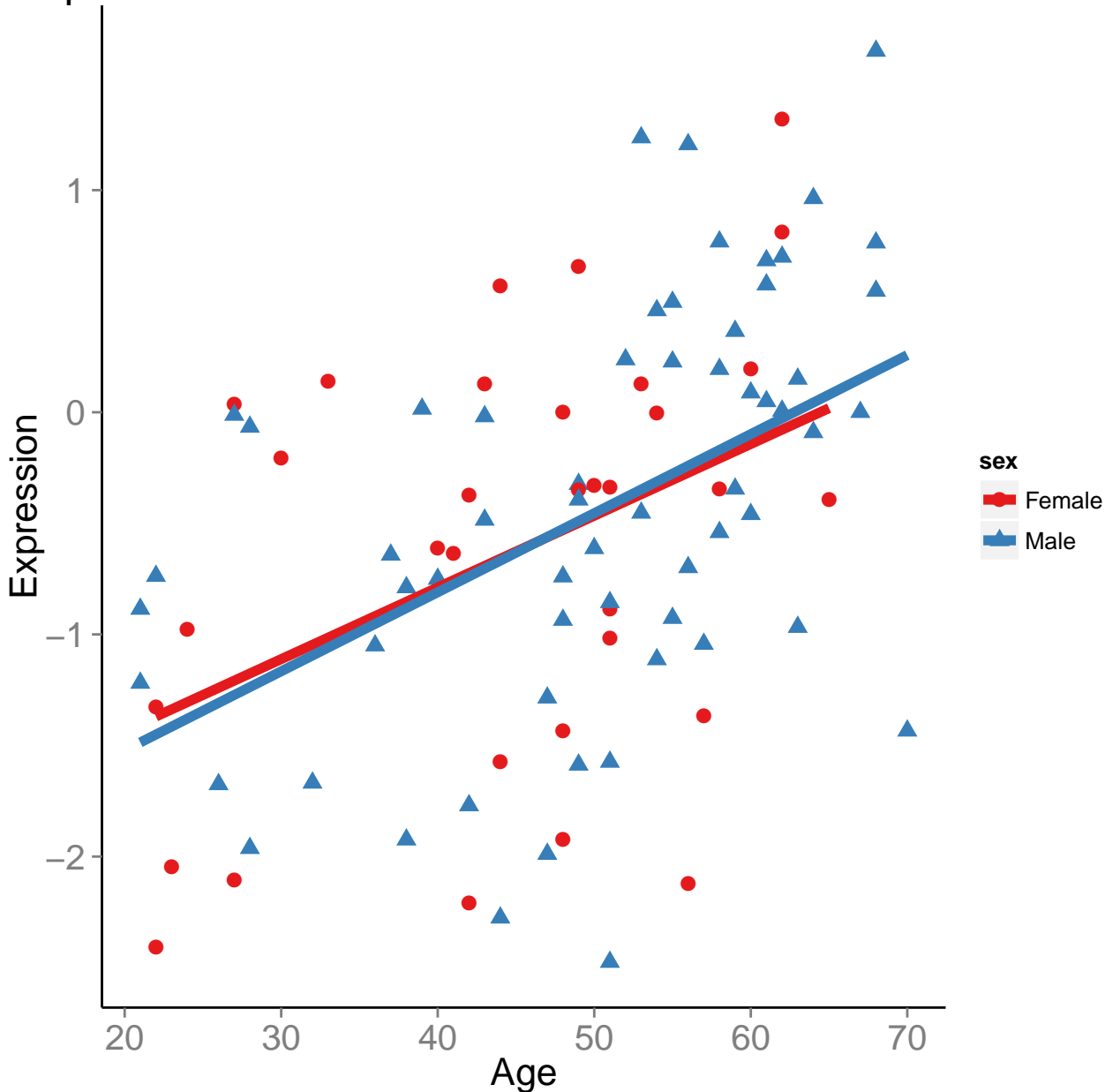
Adipose: MYOF Pearson-R=0.47 Pval=1.47E-06



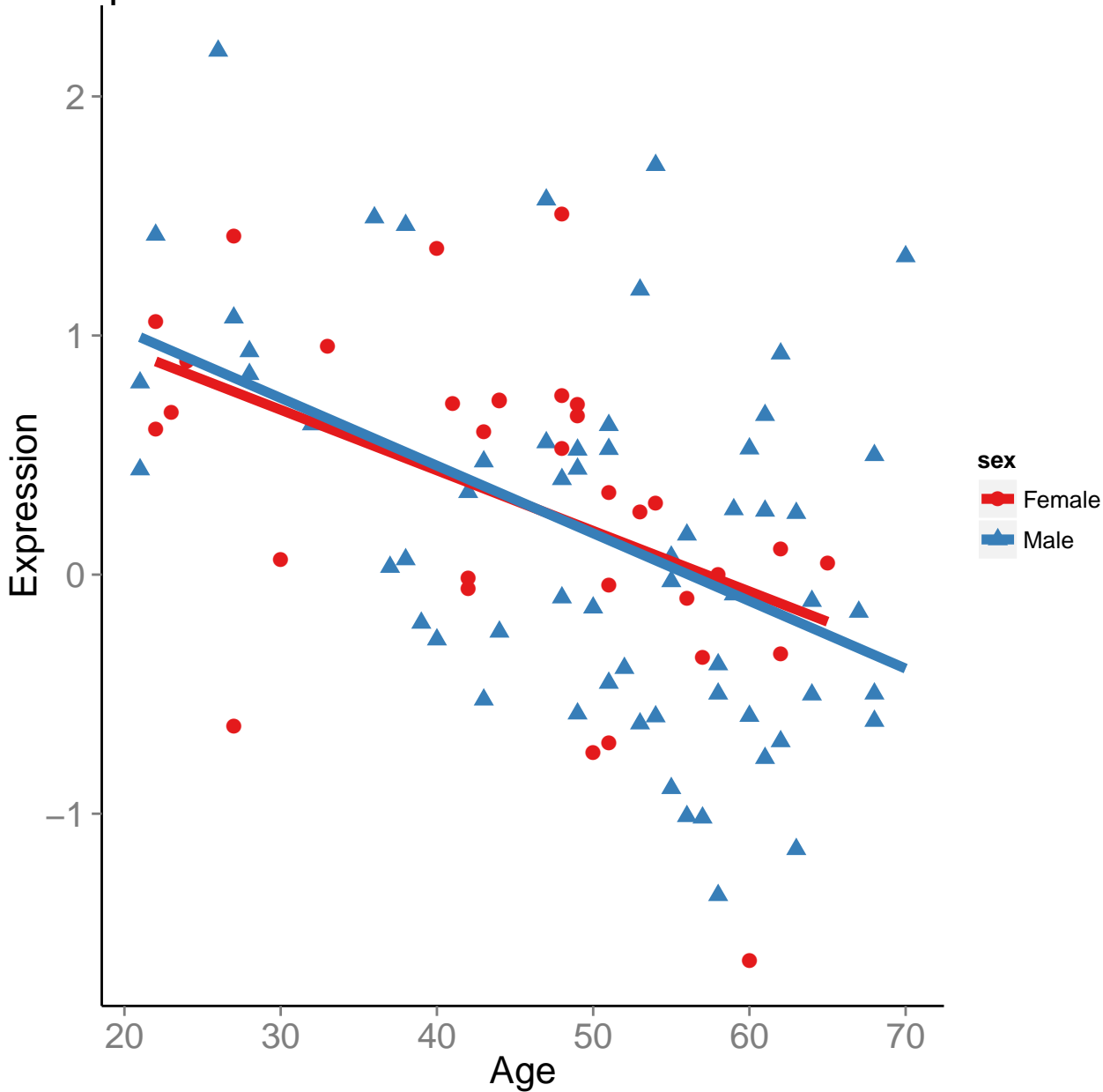
Adipose: UQCR11 Pearson-R=-0.47 Pval=1.57E-06



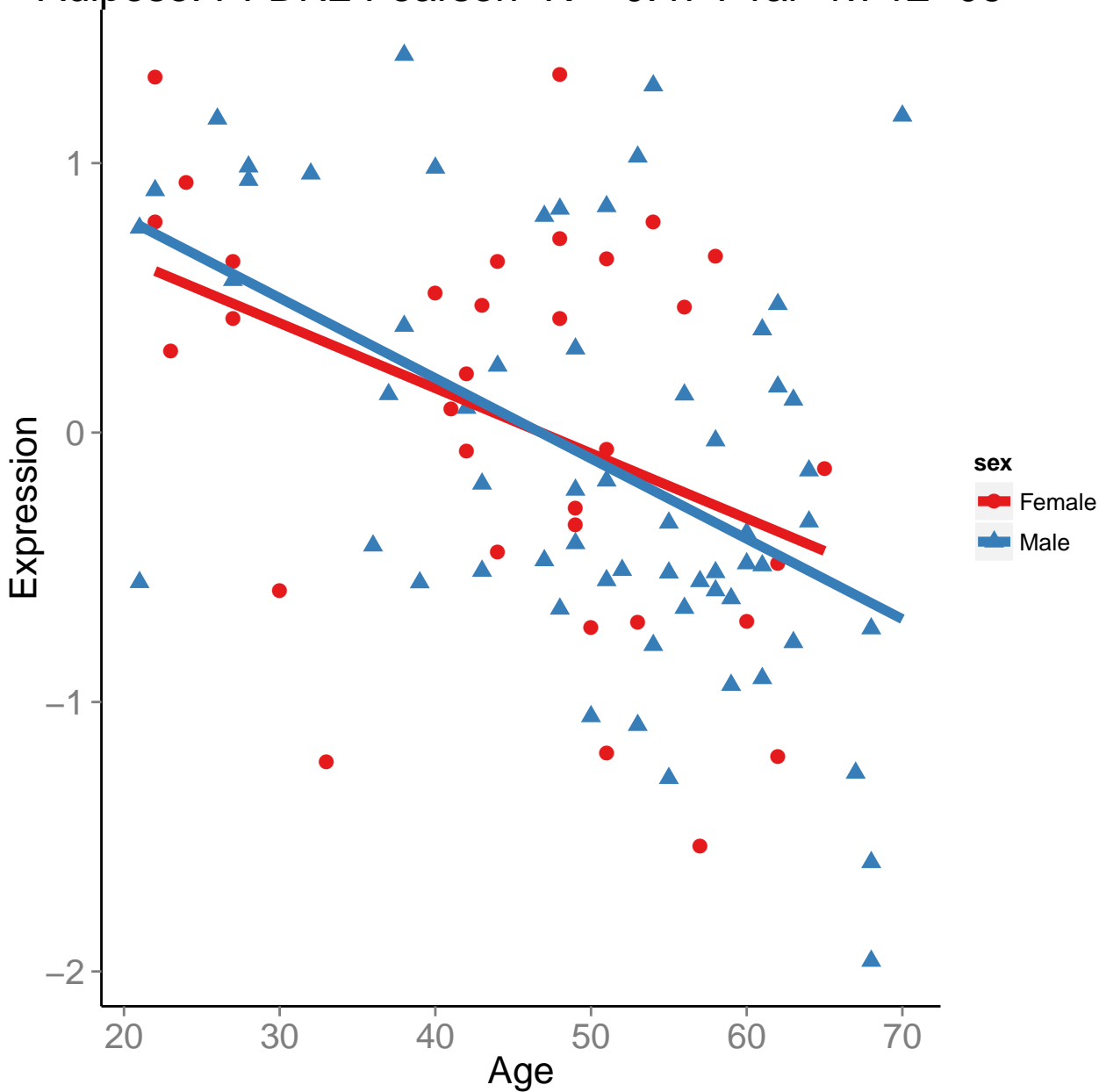
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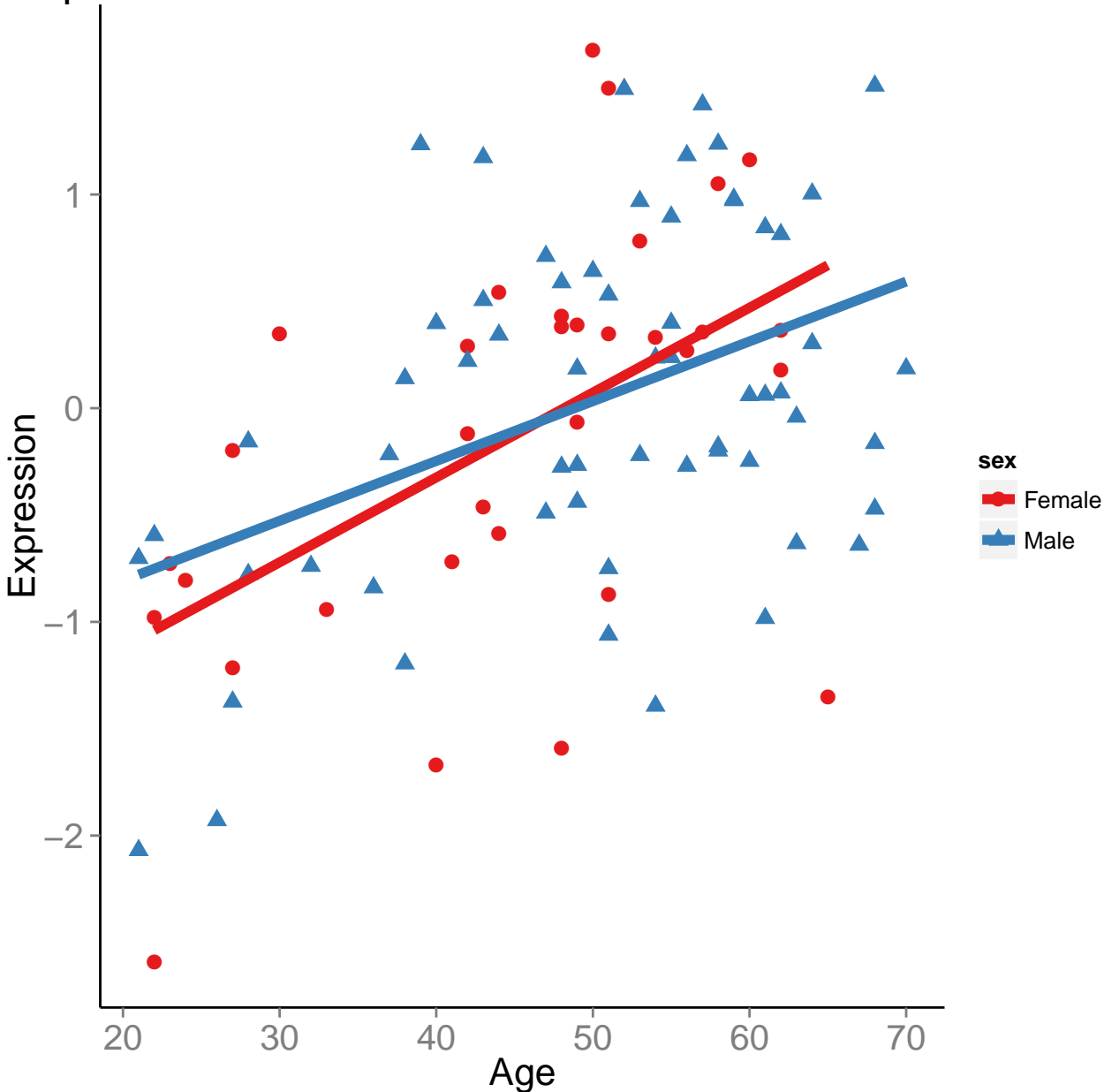
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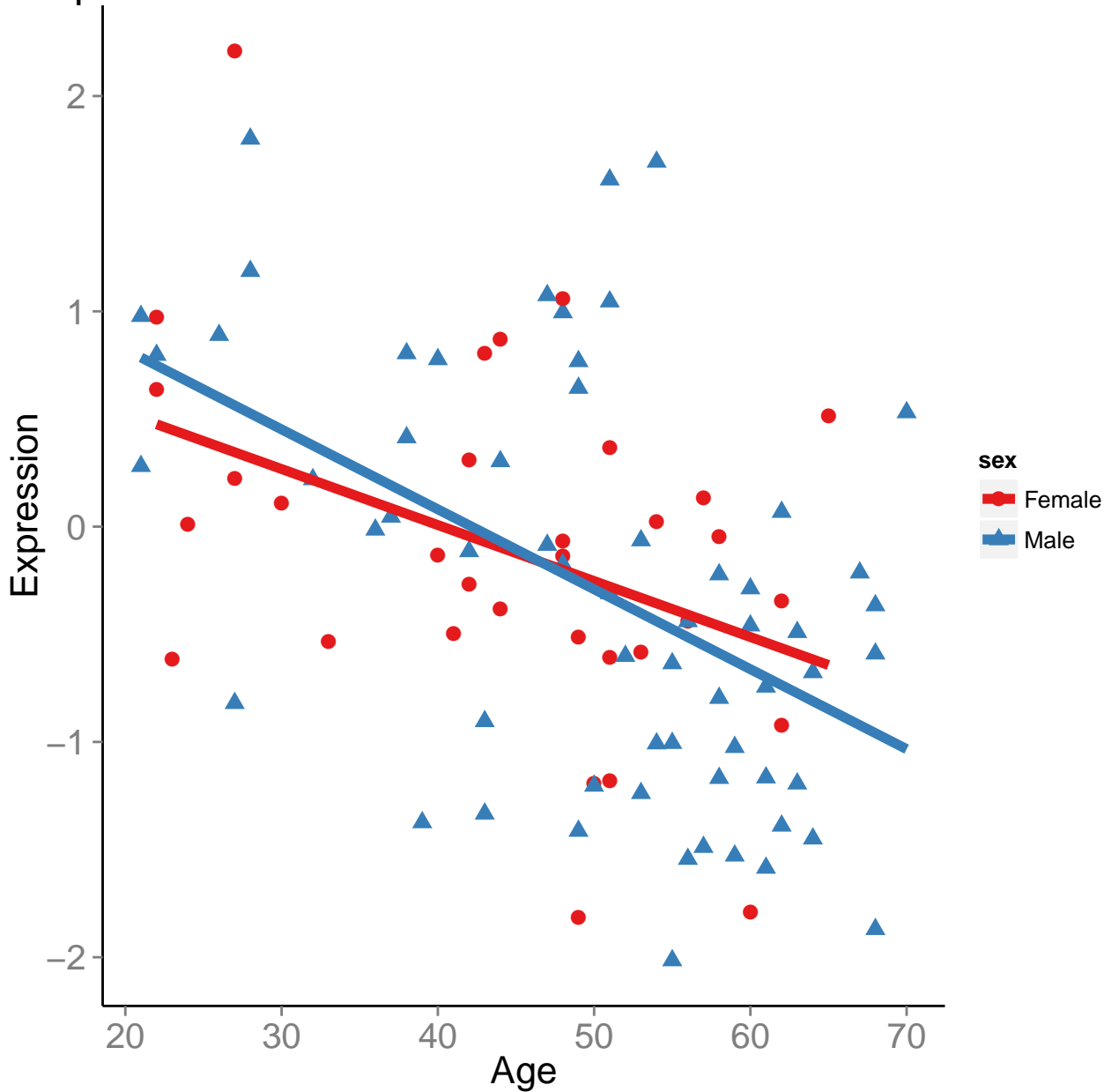
Adipose: PFDN2 Pearson-R=-0.47 Pval=1.74E-06



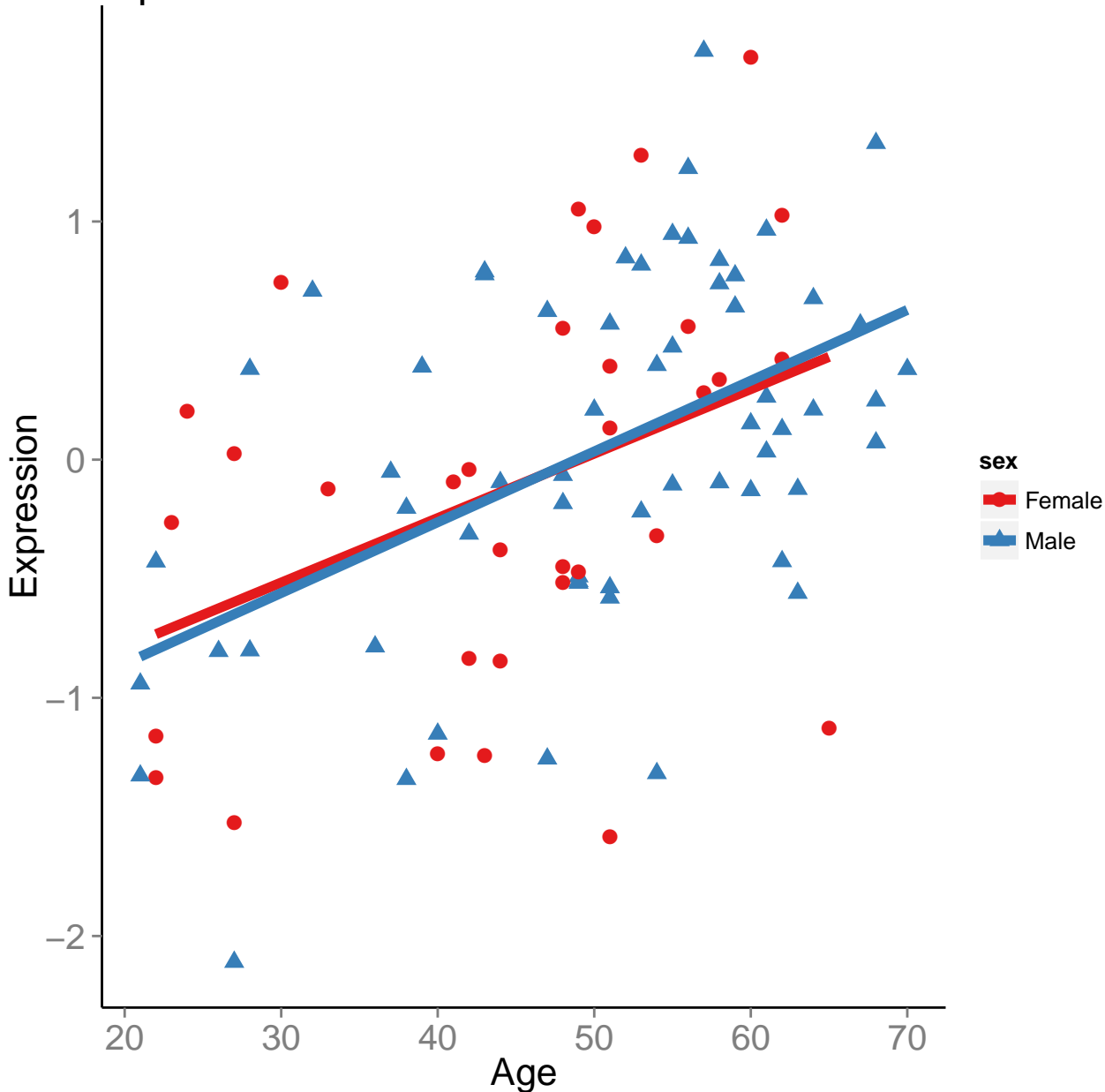
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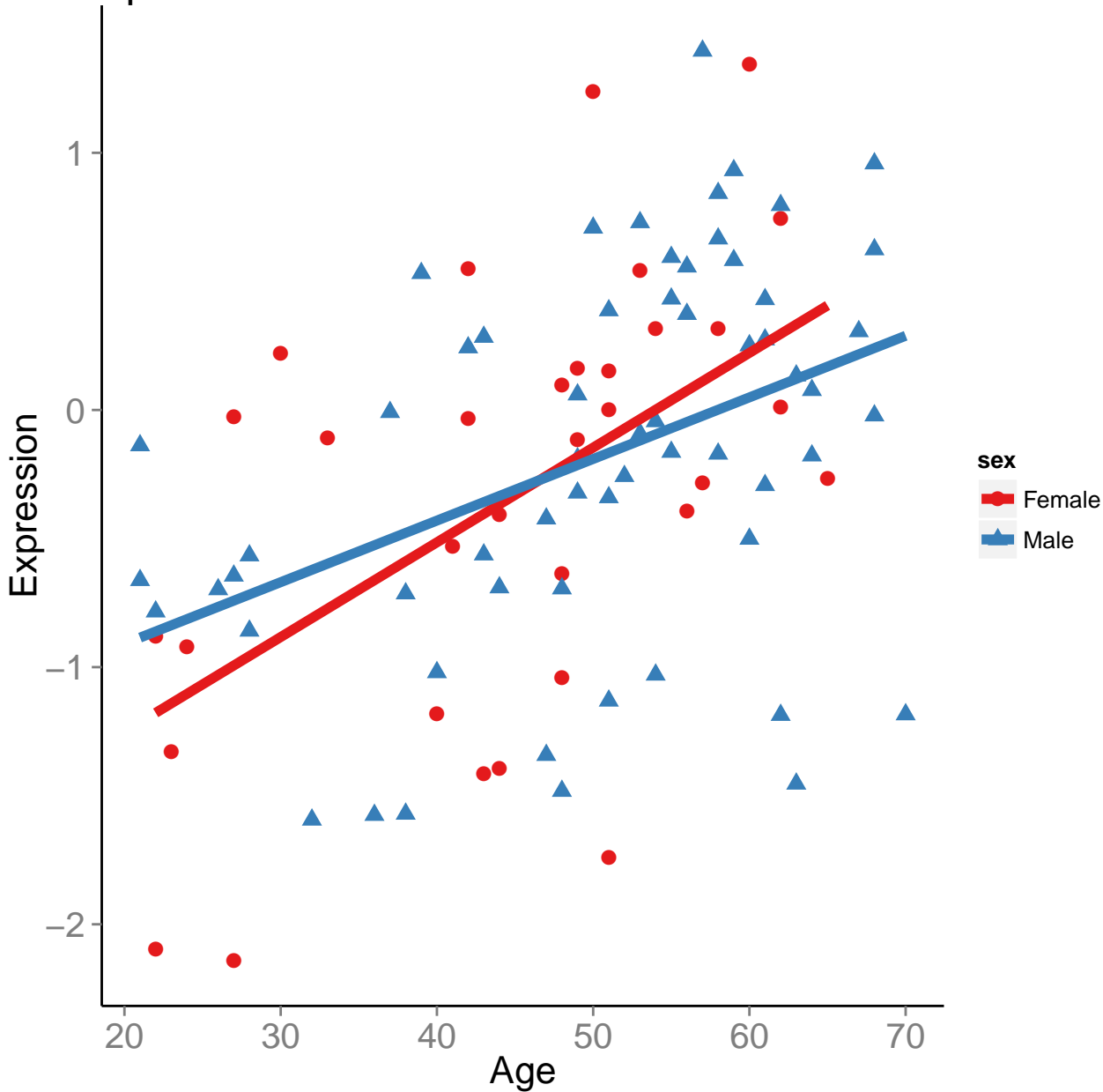
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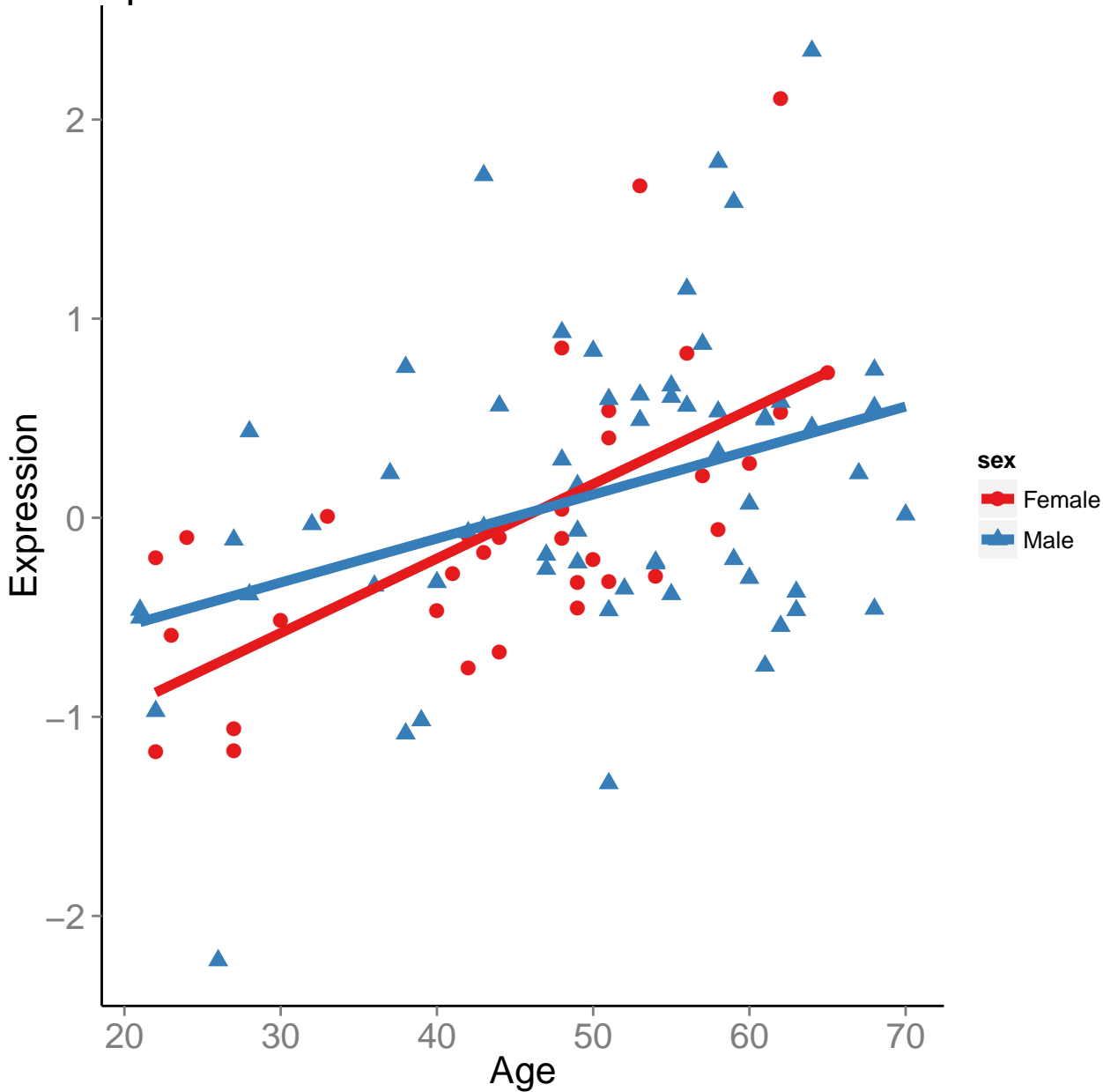
Adipose: XPC Pearson-R=0.47 Pval=2.00E-06



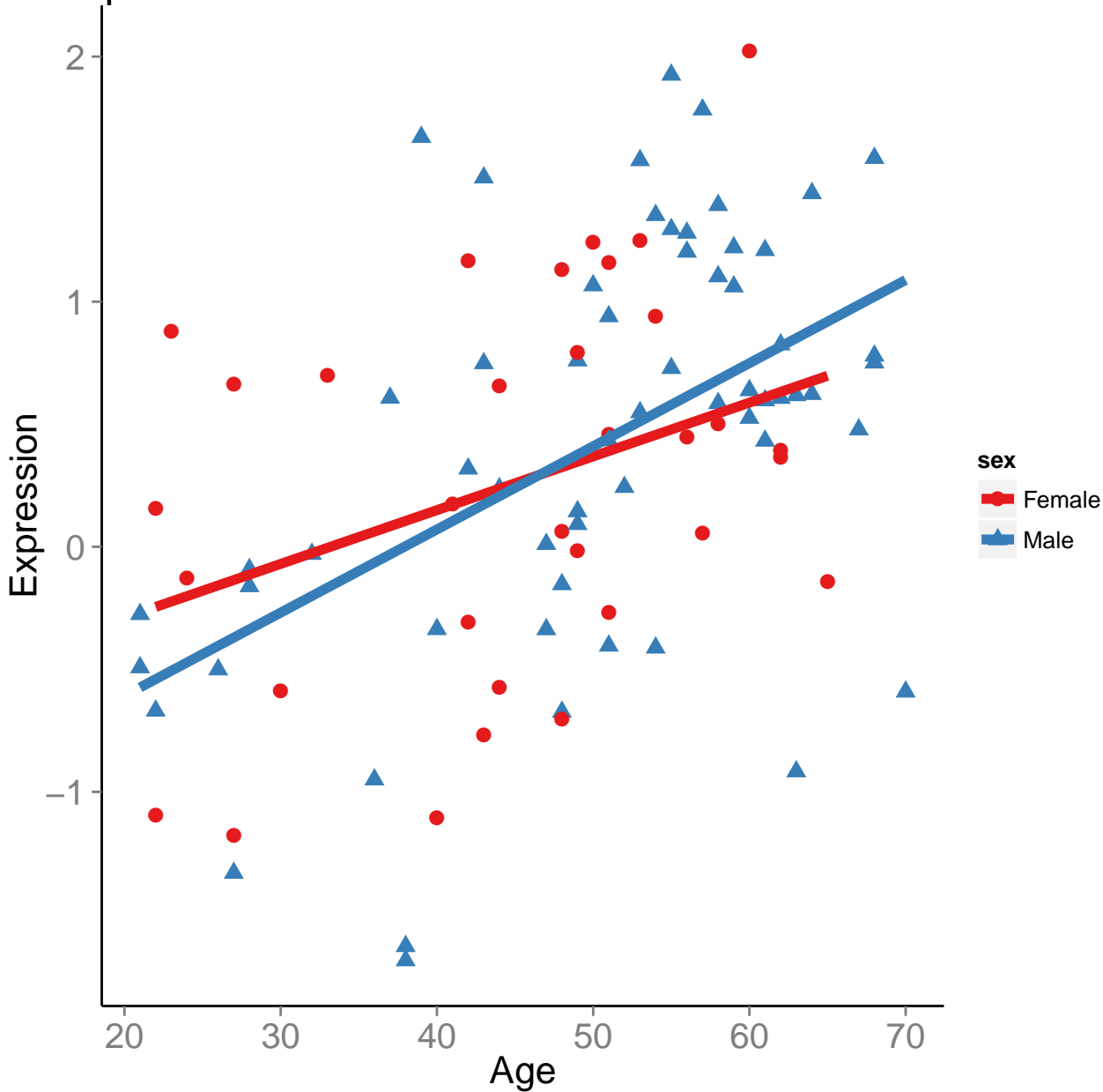
Adipose: EVC2 Pearson-R=0.47 Pval=2.21E-06



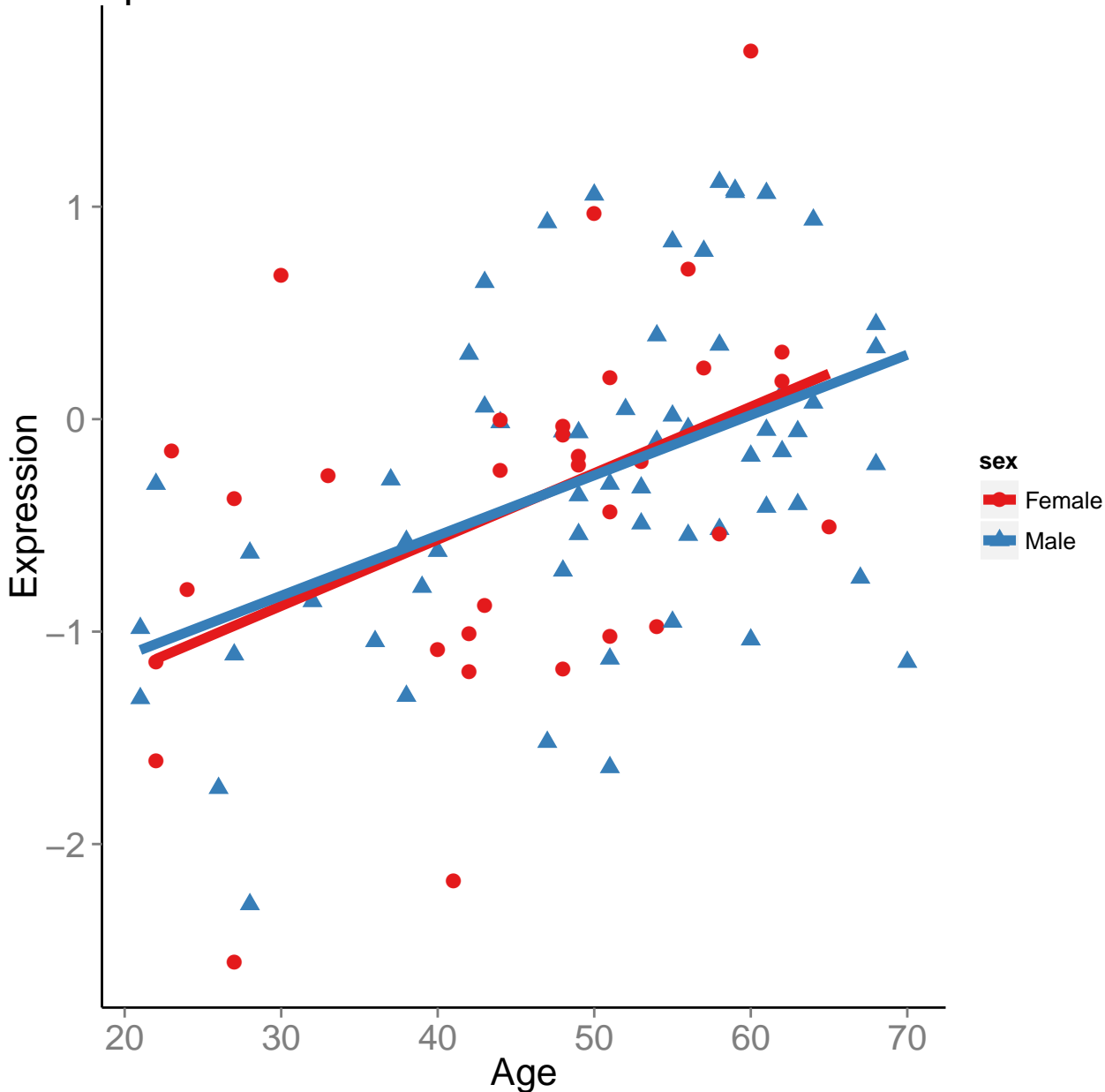
Adipose: PER1 Pearson-R=0.47 Pval=1.96E-06



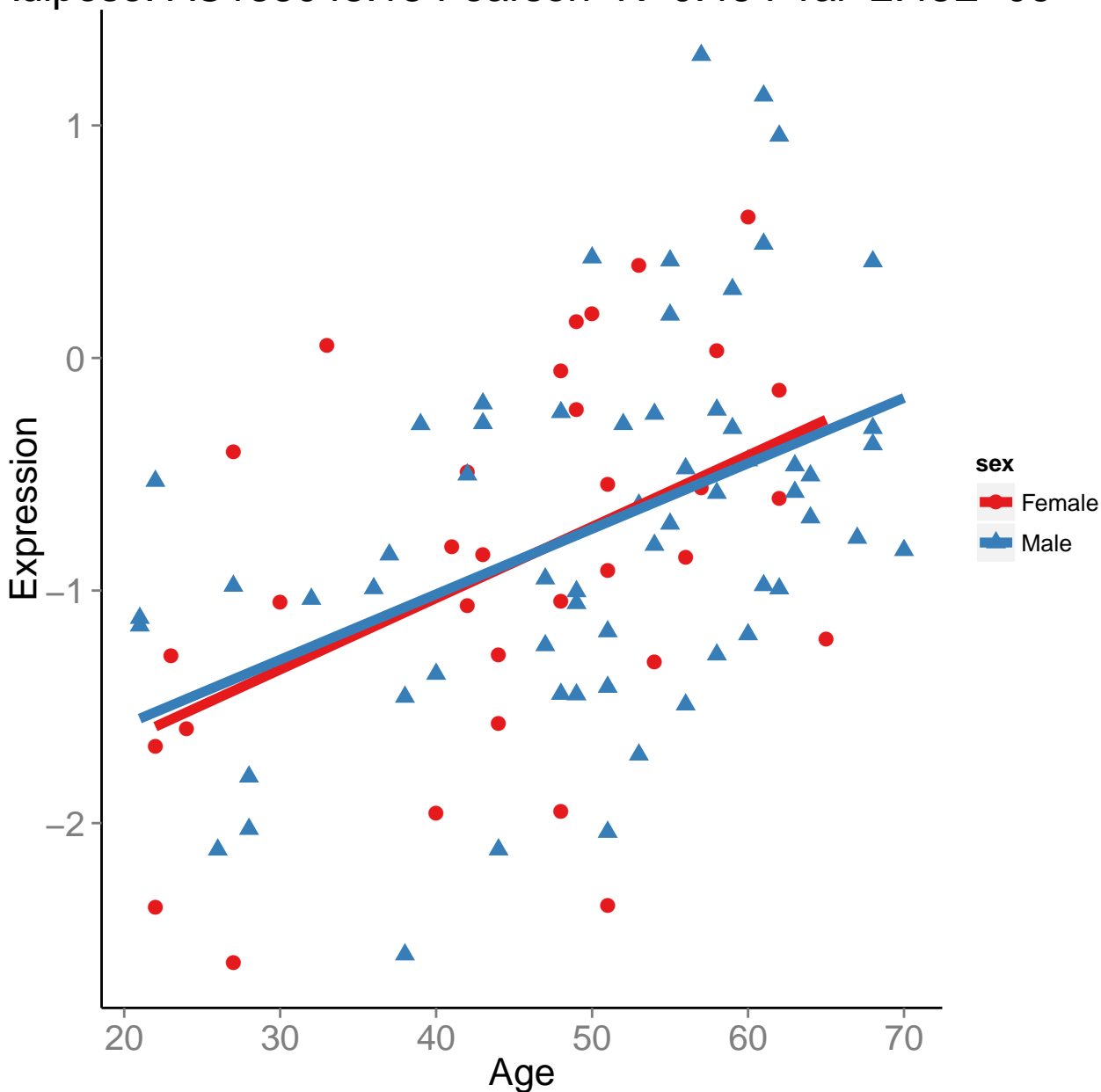
Adipose: ZNF521 Pearson-R=0.47 Pval=2.18E-06



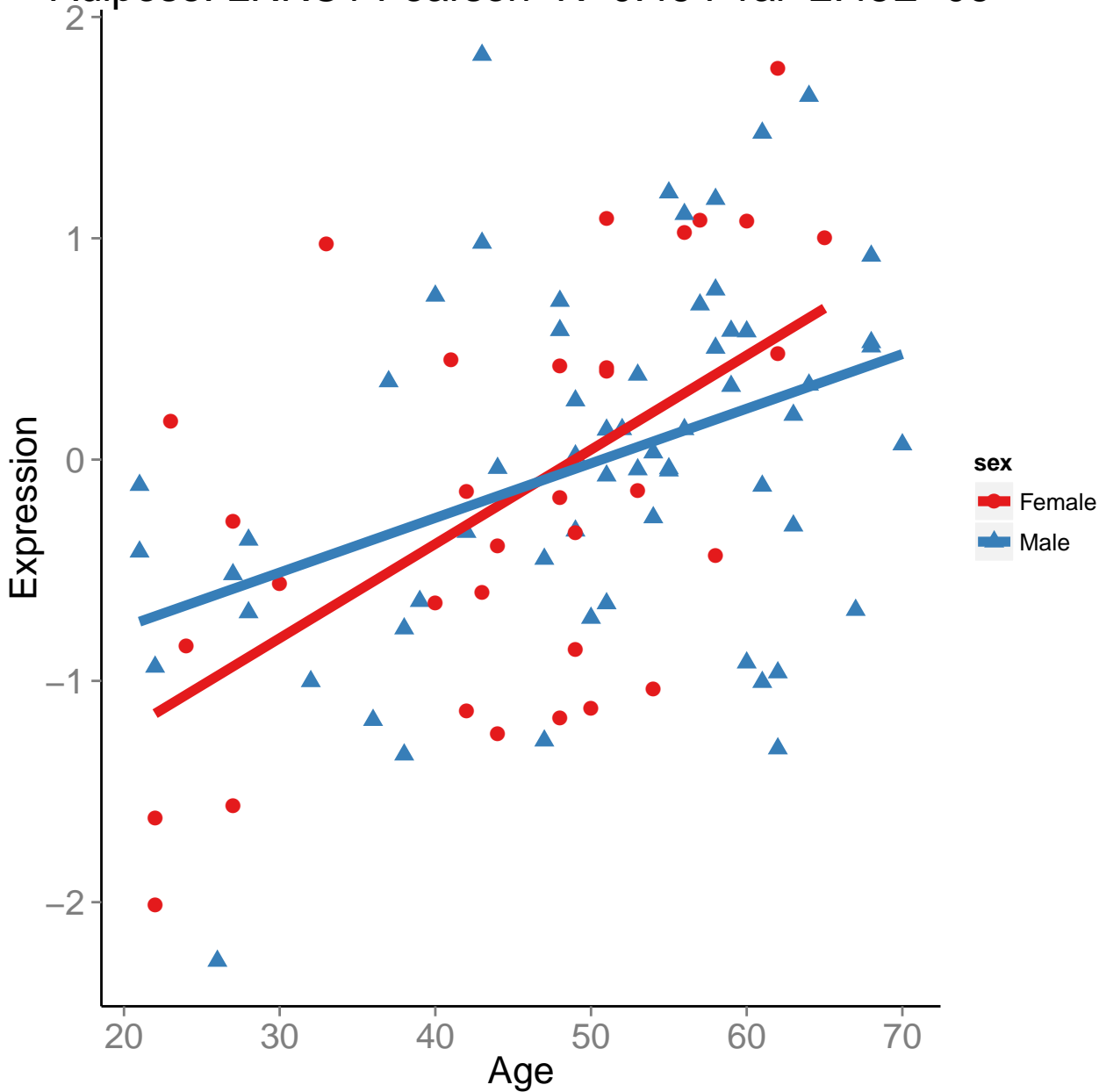
Adipose: CTSH Pearson-R=0.47 Pval=1.85E-06



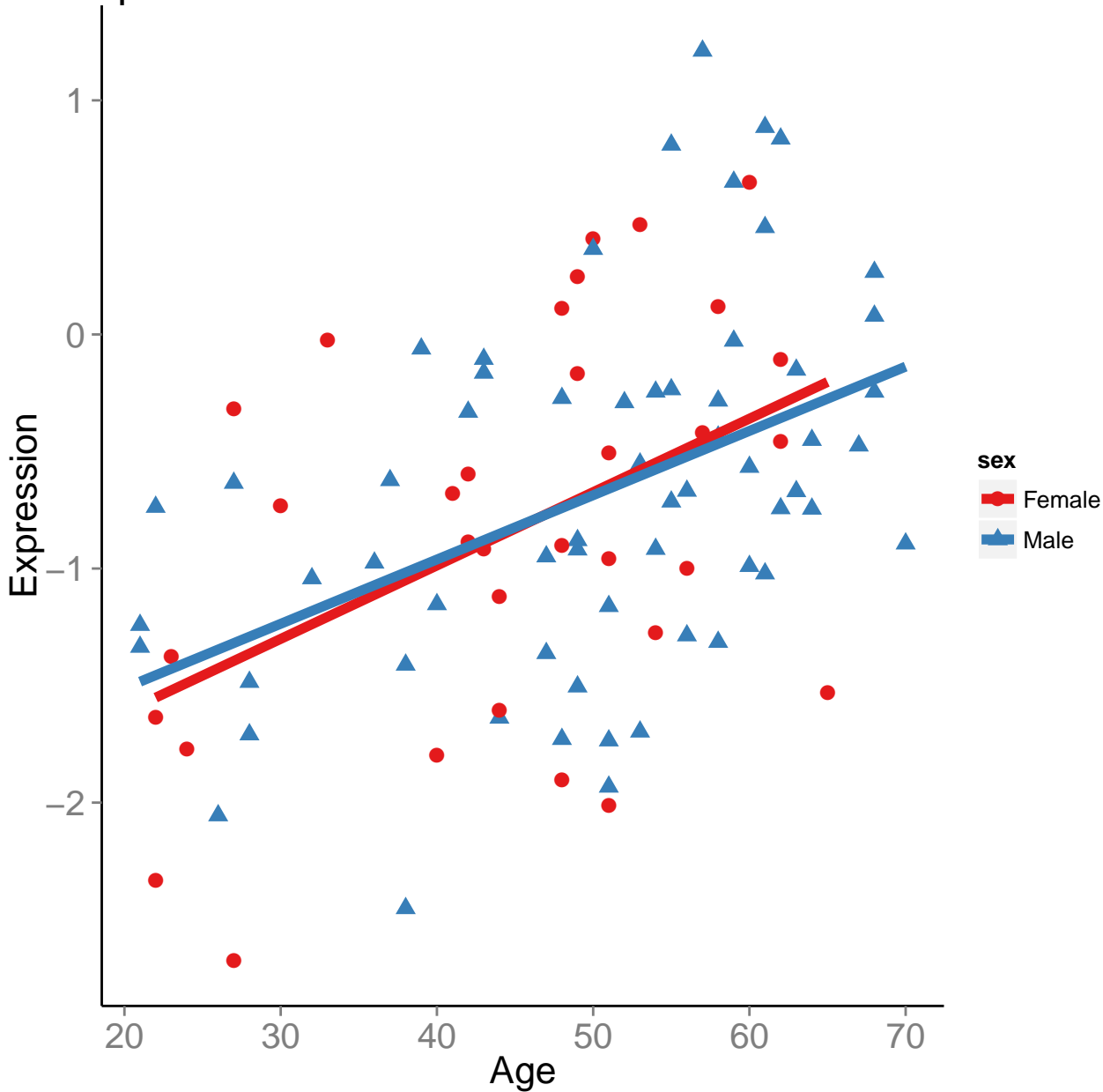
Adipose: AC135048.13 Pearson-R=0.46 Pval=2.48E-06



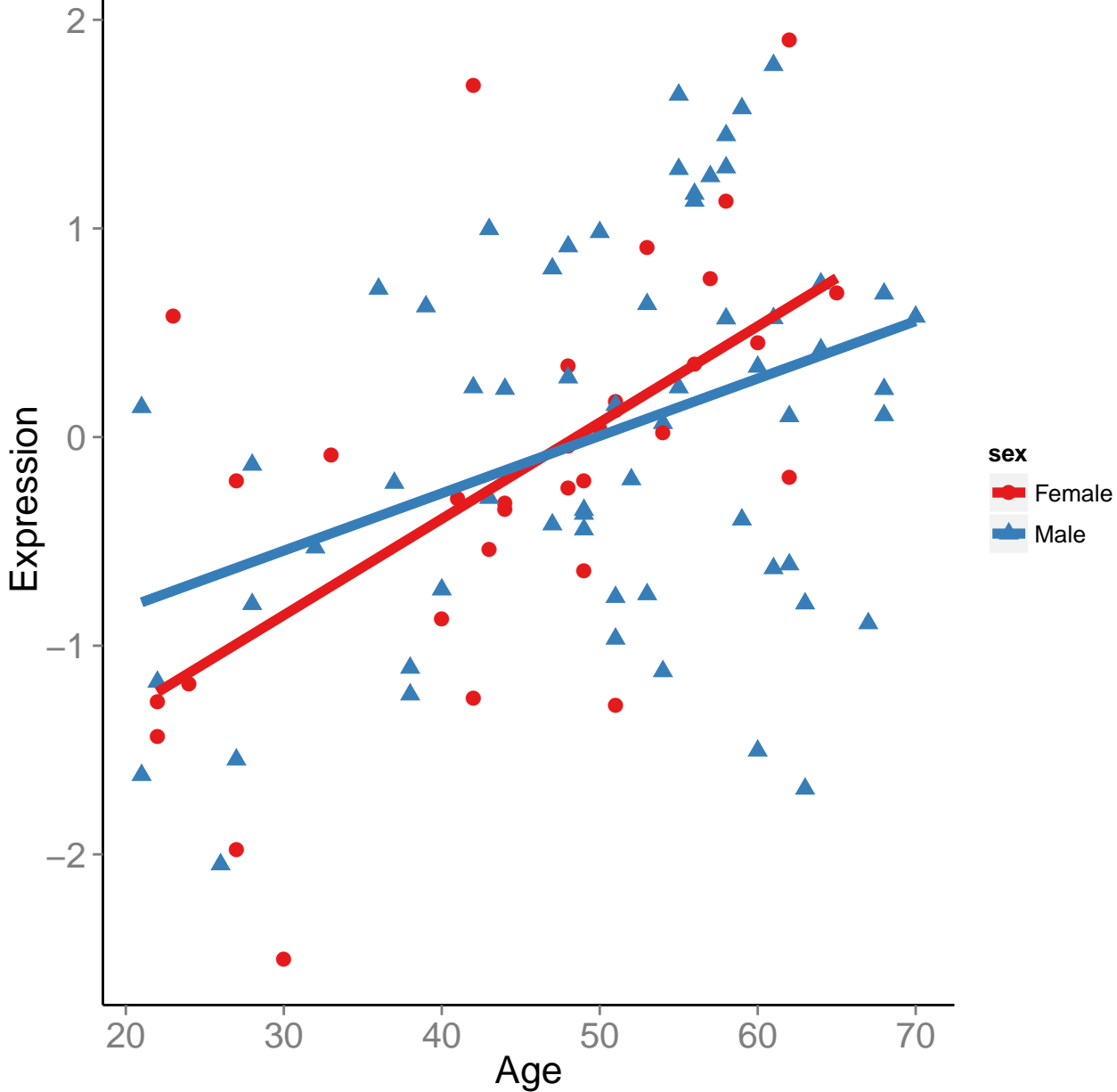
Adipose: LRRC1 Pearson-R=0.46 Pval=2.45E-06



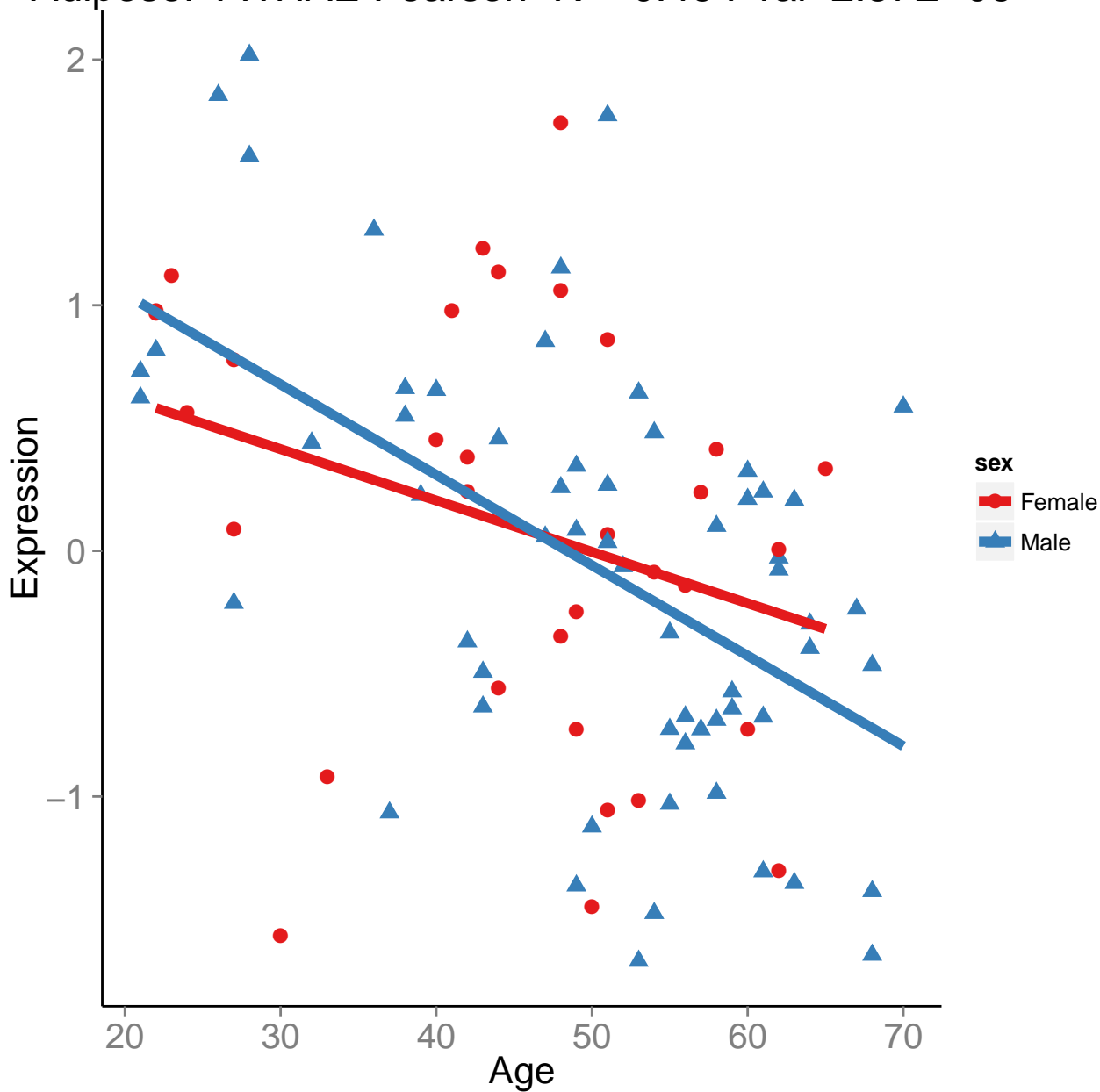
Adipose: ORAI3 Pearson-R=0.46 Pval=2.56E-06



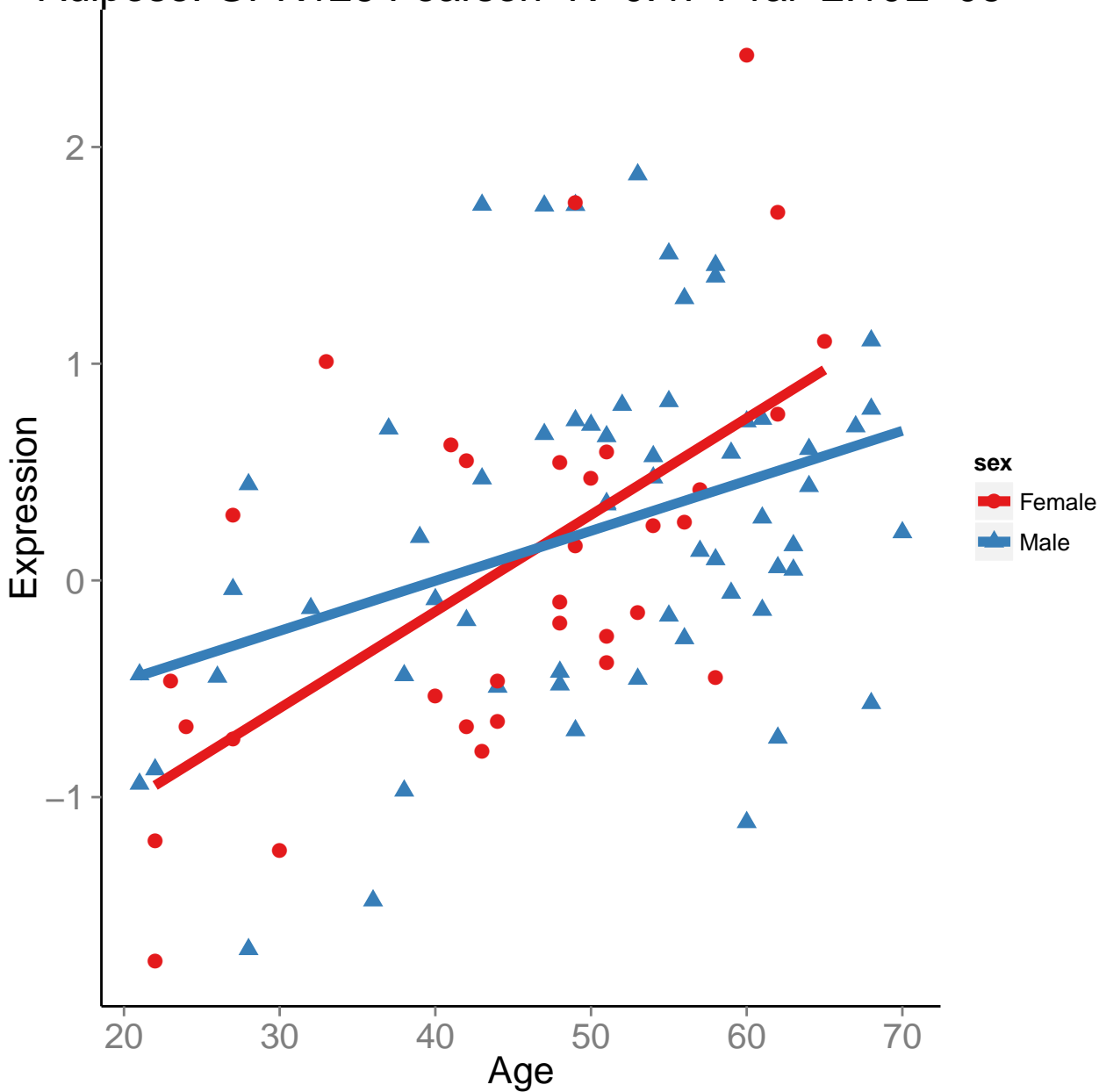
Adipose: ELMO1 Pearson-R=0.46 Pval=2.51E-06



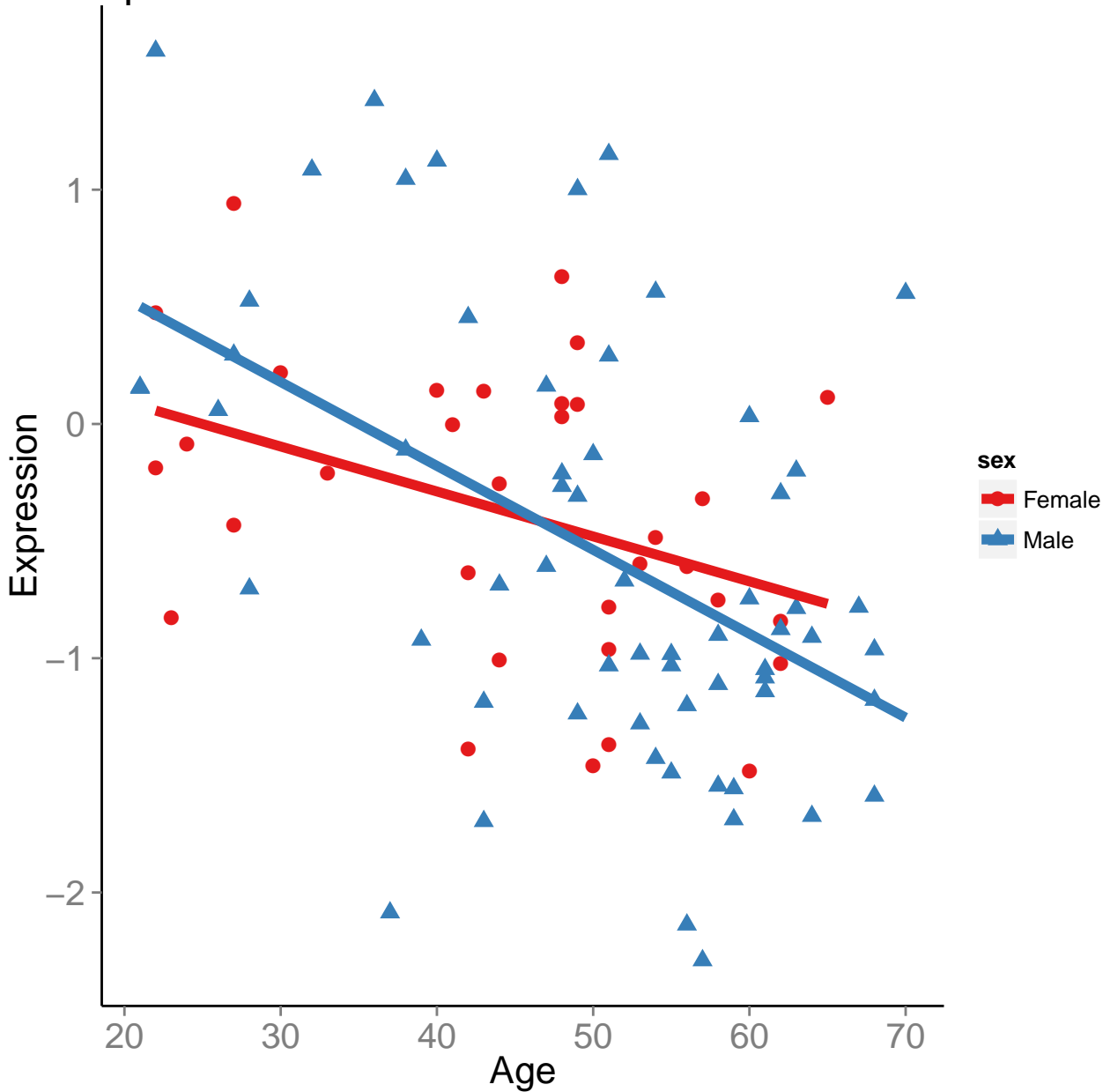
Adipose: YWHAE Pearson-R=-0.46 Pval=2.37E-06



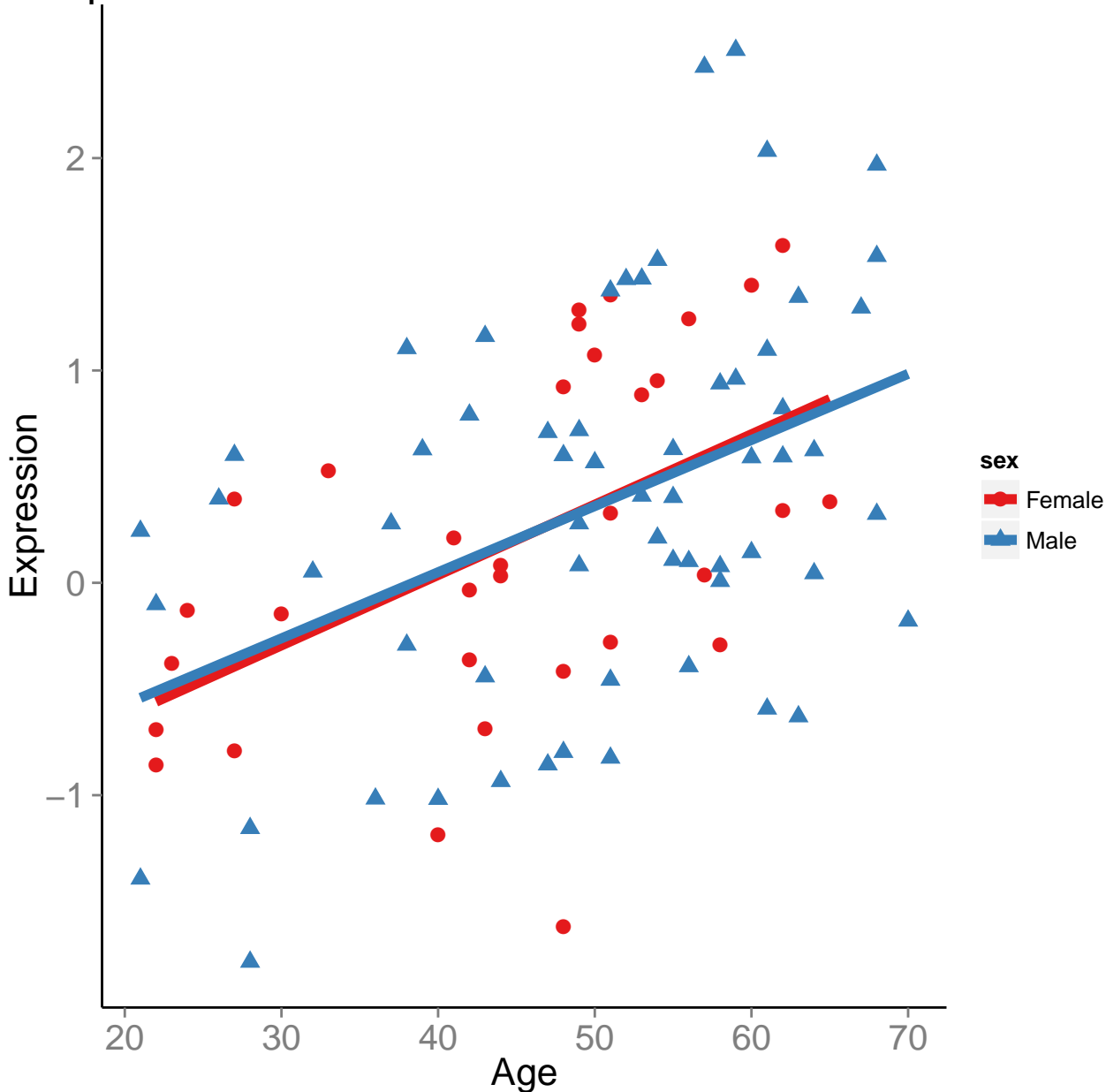
Adipose: GPR126 Pearson-R=0.47 Pval=2.10E-06



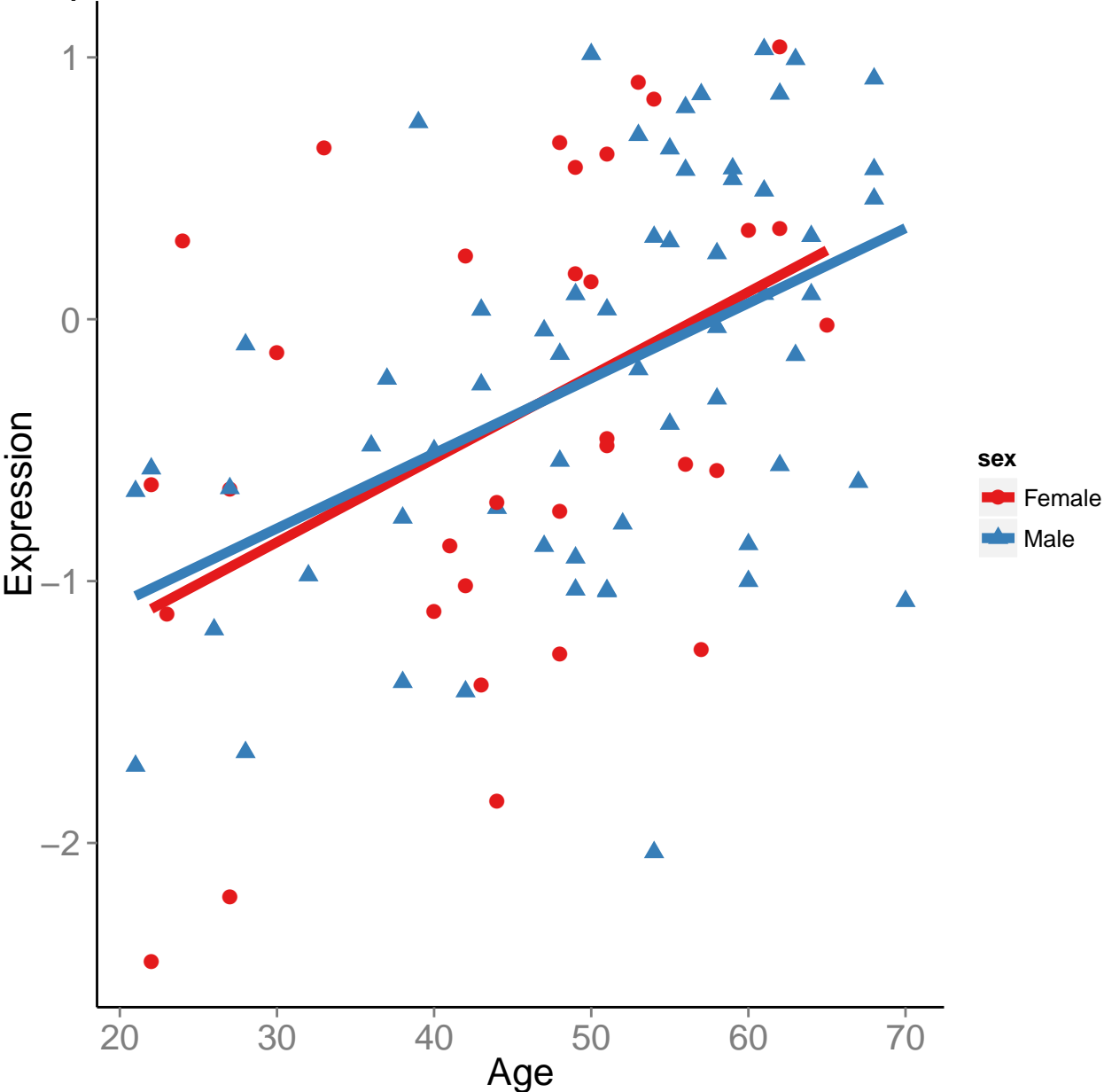
Adipose: BSG Pearson-R=-0.46 Pval=2.46E-06



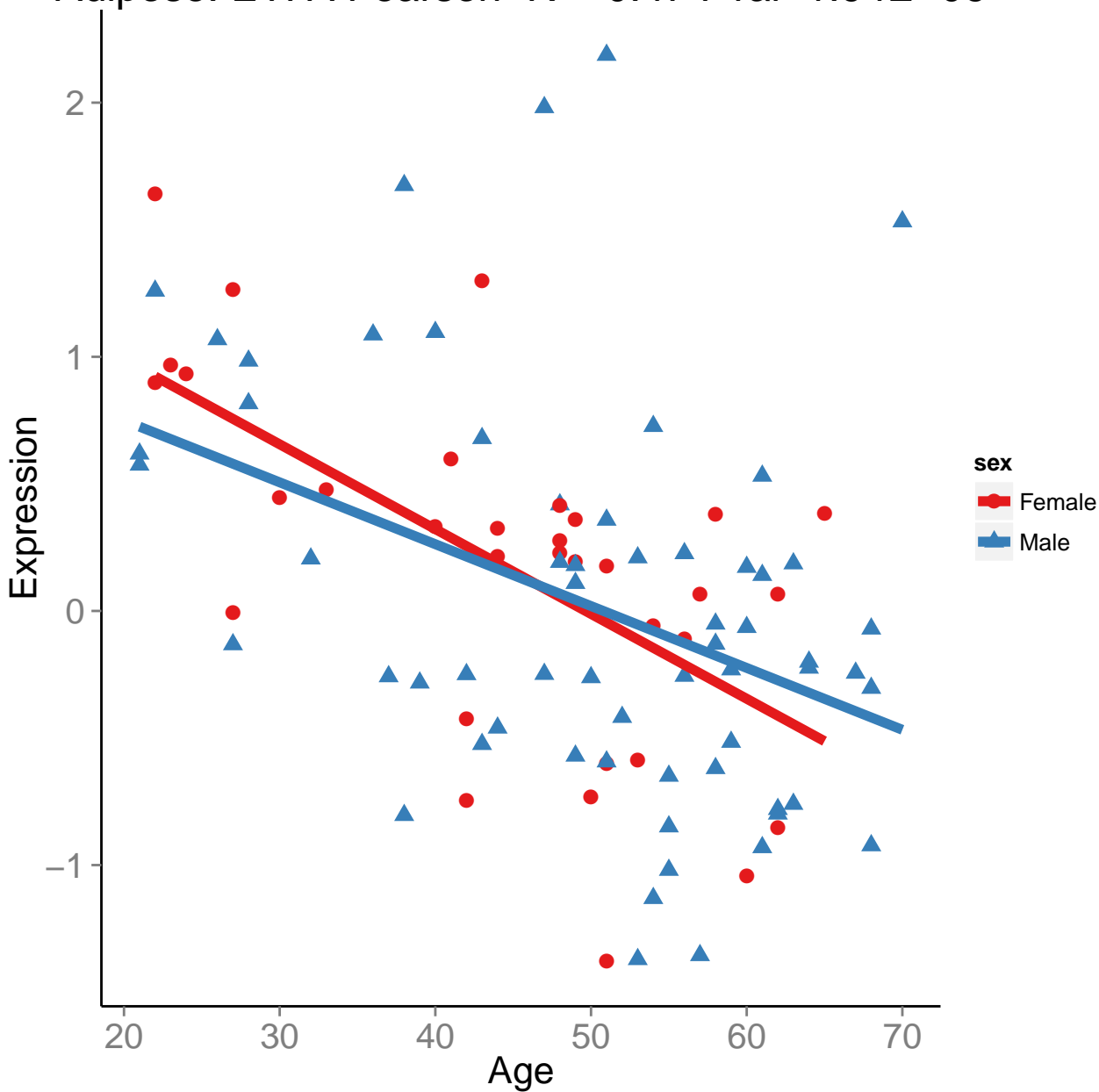
Adipose: ALDH1A1 Pearson-R=0.46 Pval=2.47E-06



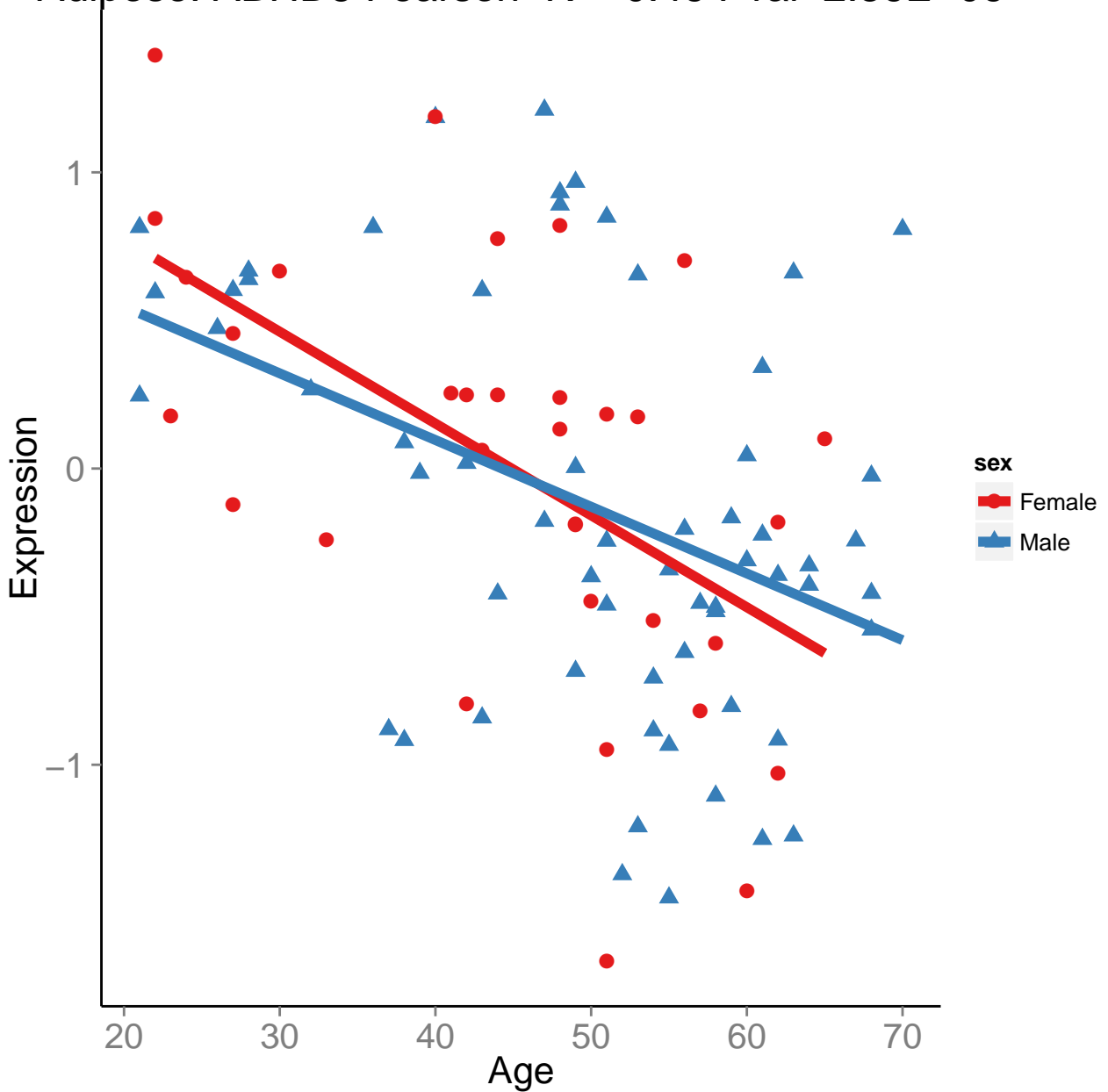
Adipose: PPP1R15A Pearson-R=0.47 Pval=1.88E-06



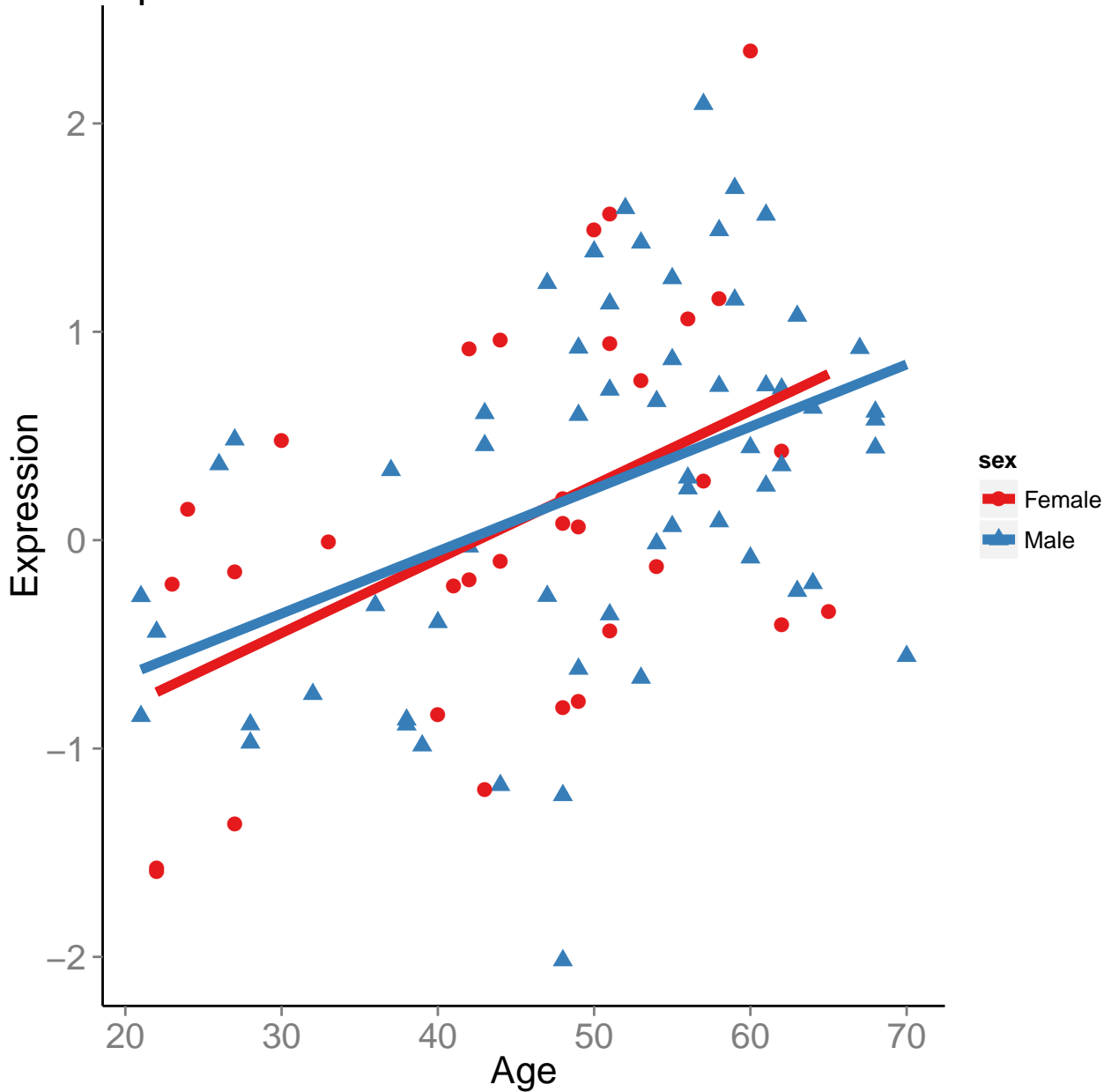
Adipose: ETFA Pearson-R=-0.47 Pval=1.94E-06



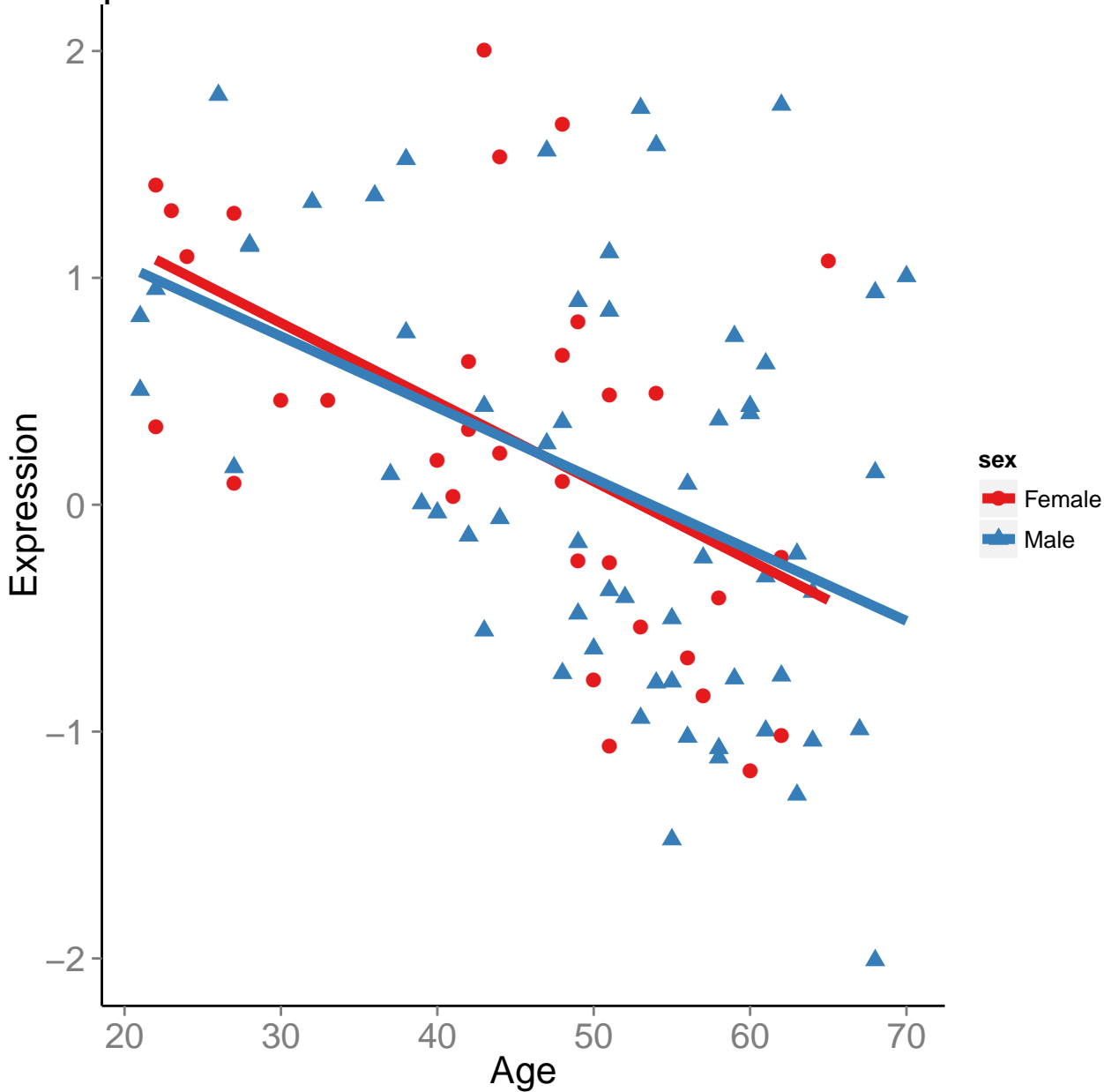
Adipose: ABHD5 Pearson-R=-0.46 Pval=2.36E-06



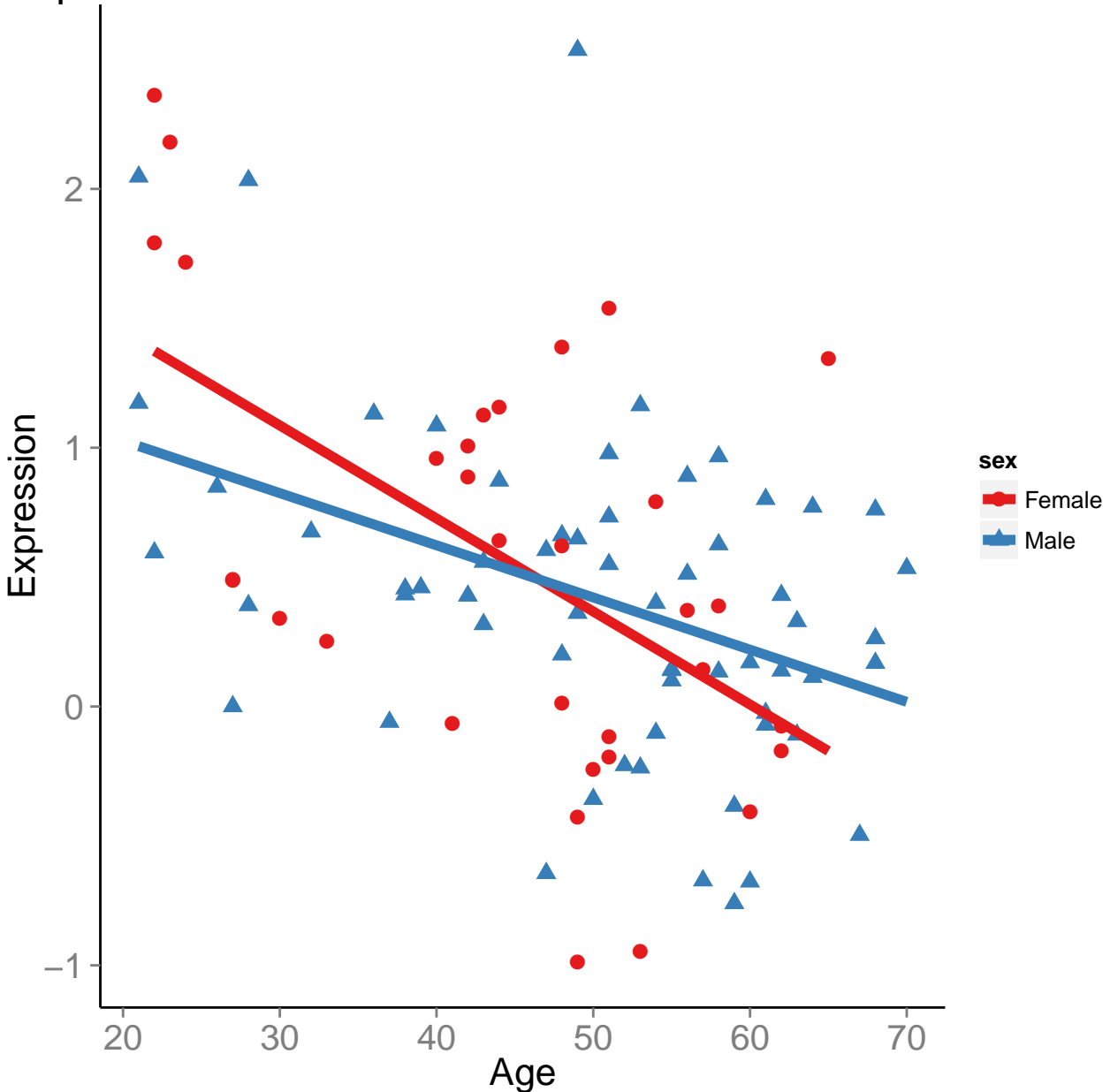
Adipose: LUM Pearson-R=0.47 Pval=2.16E-06



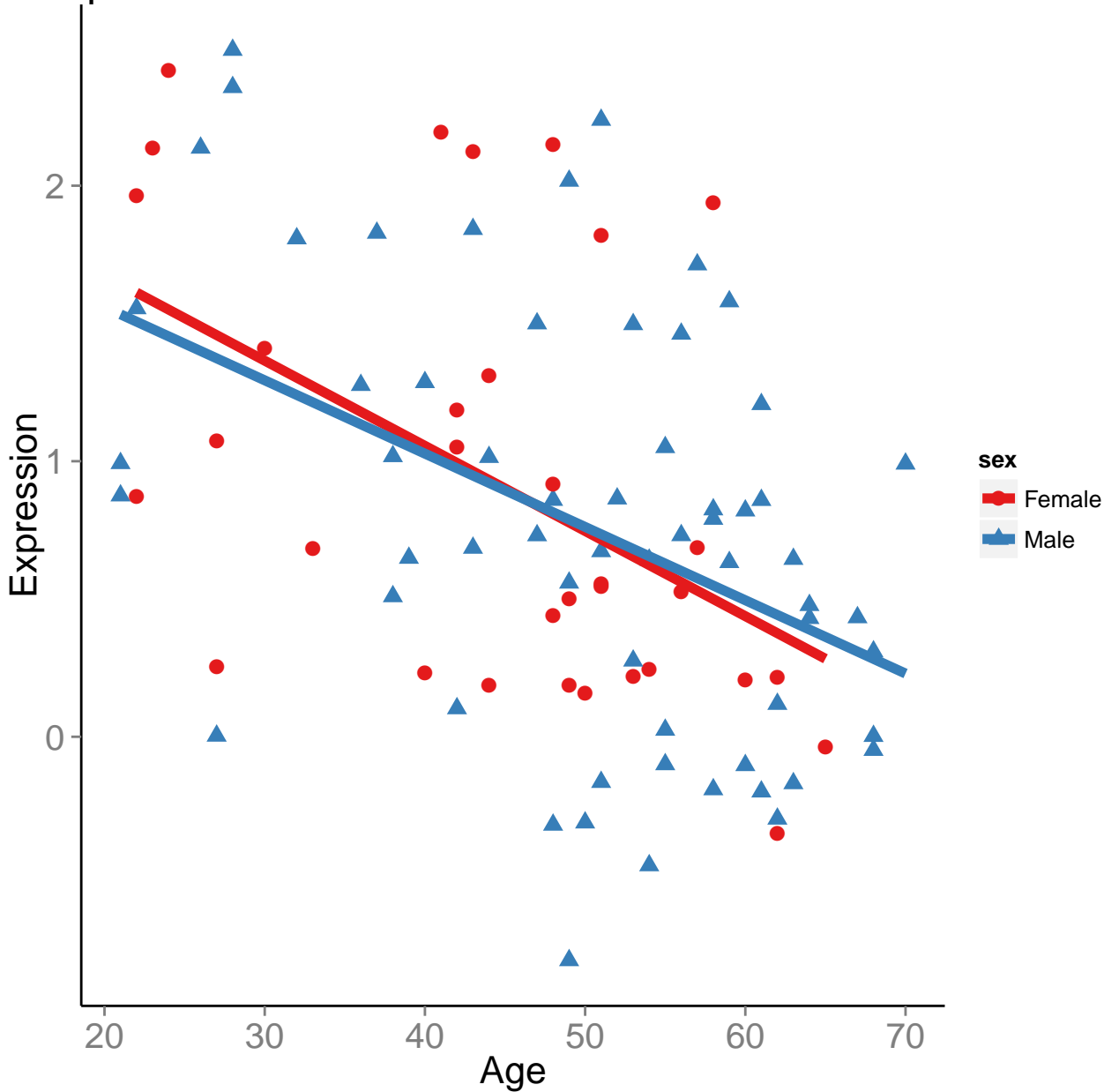
Adipose: PEX19 Pearson-R=-0.47 Pval=1.89E-06



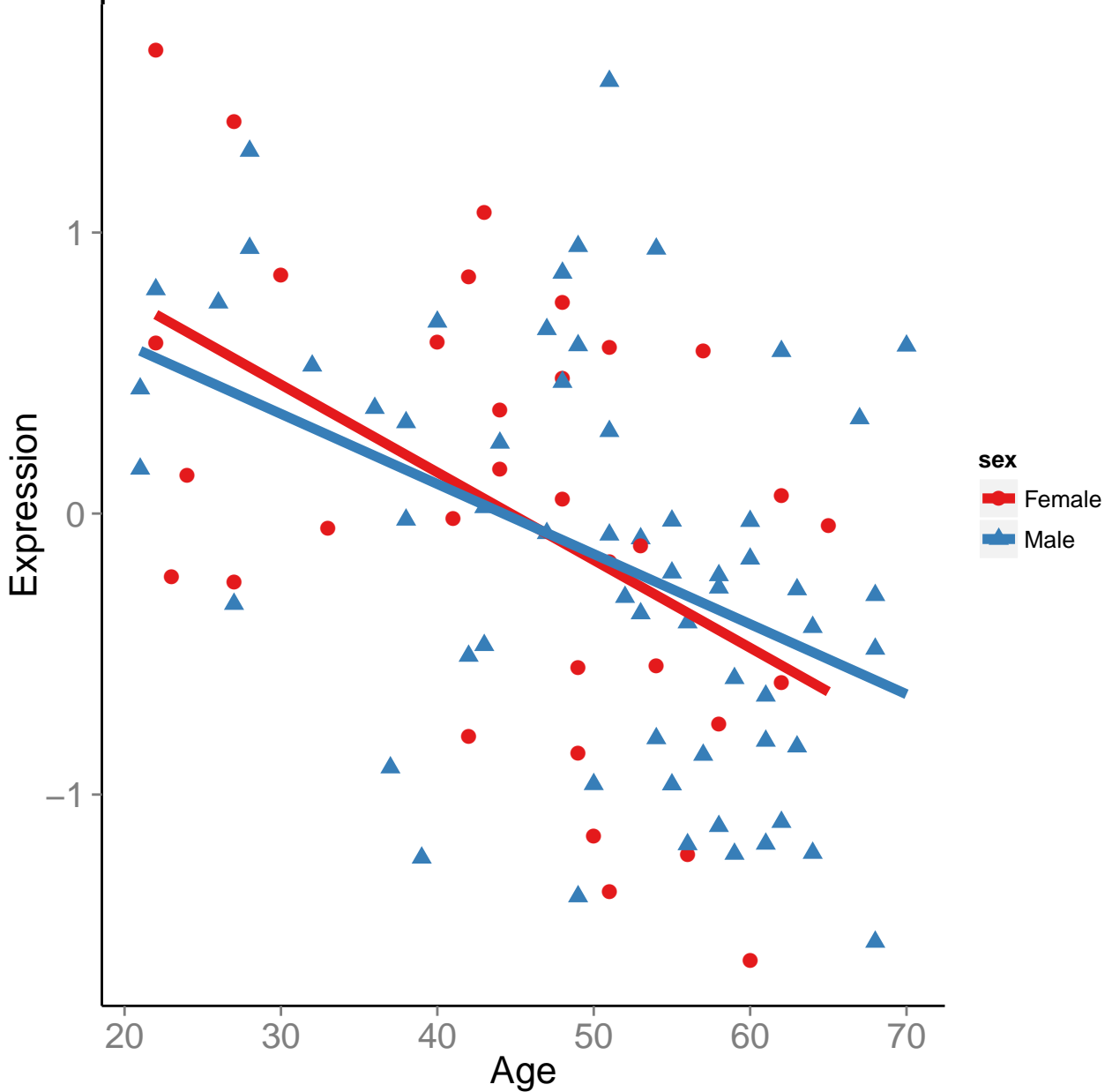
Adipose: ADAMTS12 Pearson-R=-0.46 Pval=2.40E-06



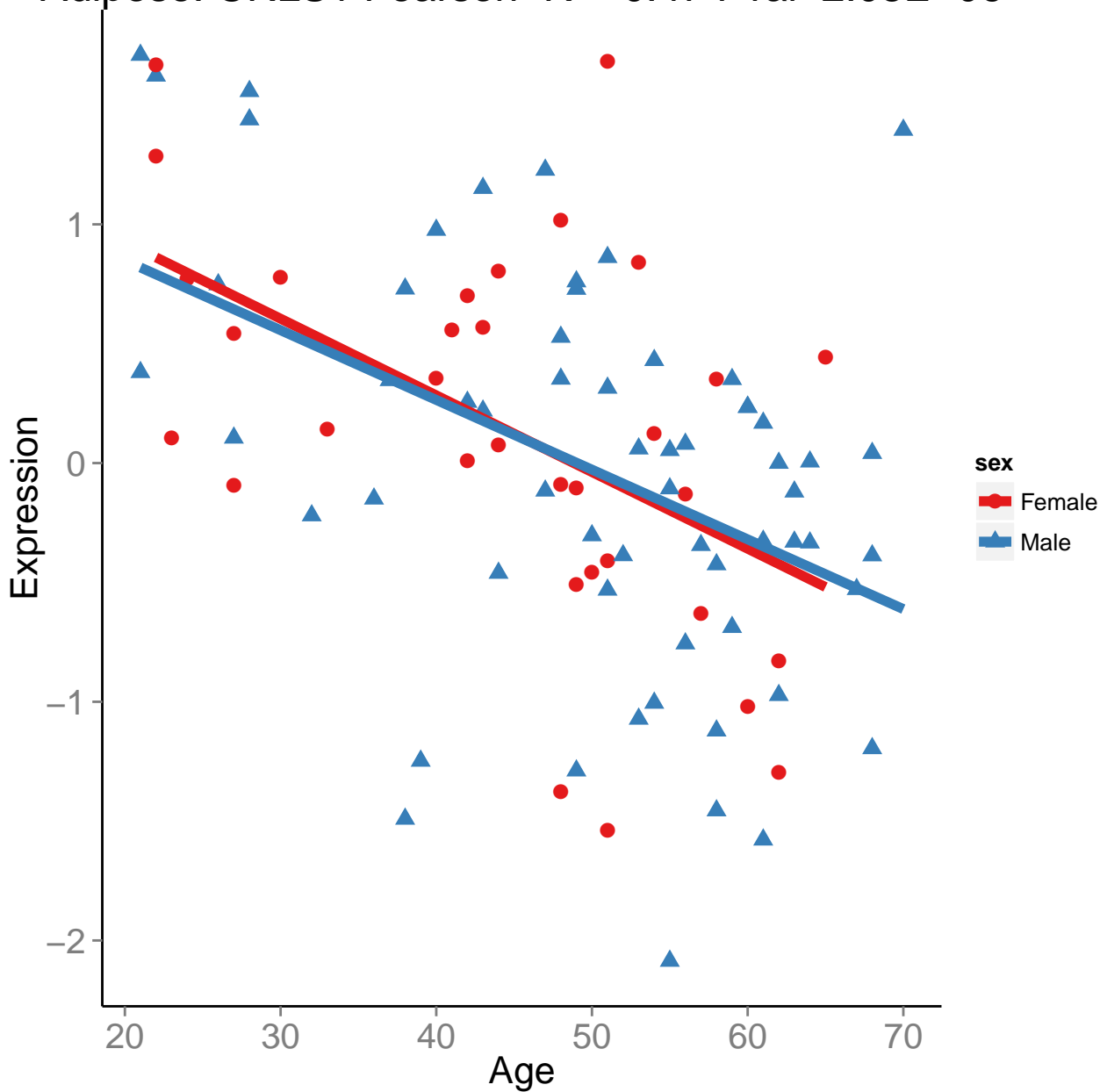
Adipose: SHFM1 Pearson-R=-0.47 Pval=2.30E-06



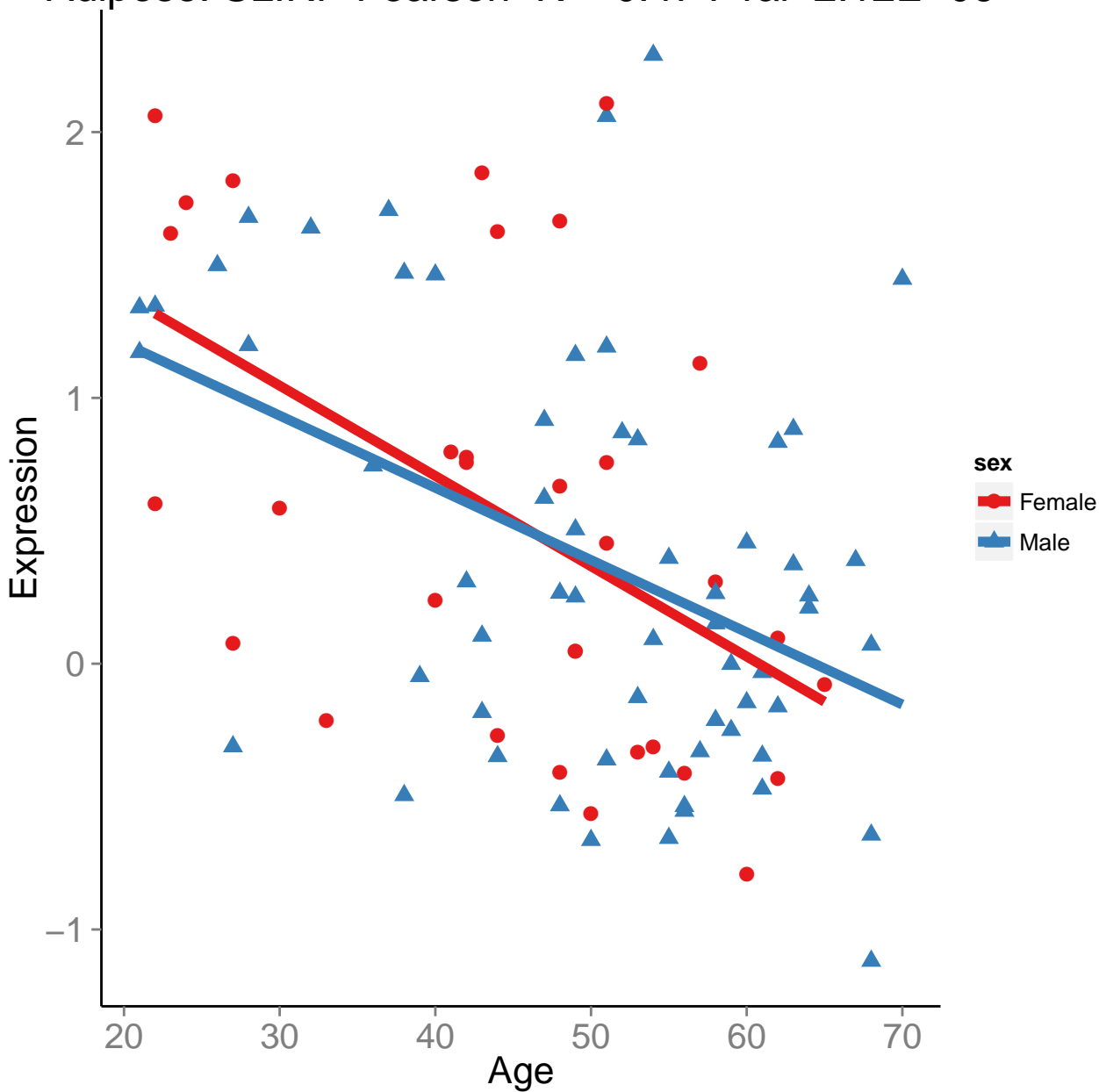
Adipose: ABCD1 Pearson-R=-0.47 Pval=2.34E-06



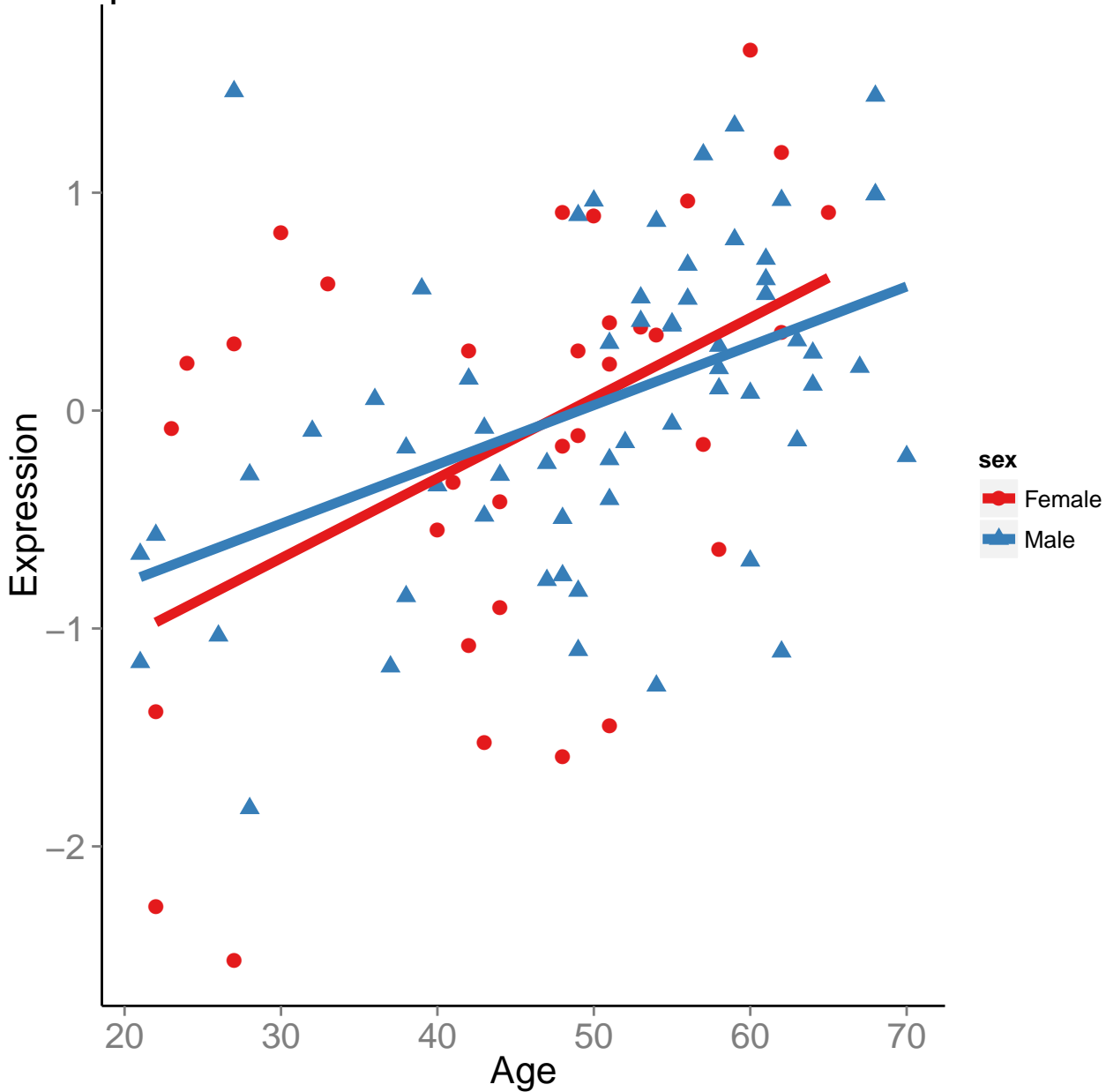
Adipose: CRLS1 Pearson-R=-0.47 Pval=2.08E-06



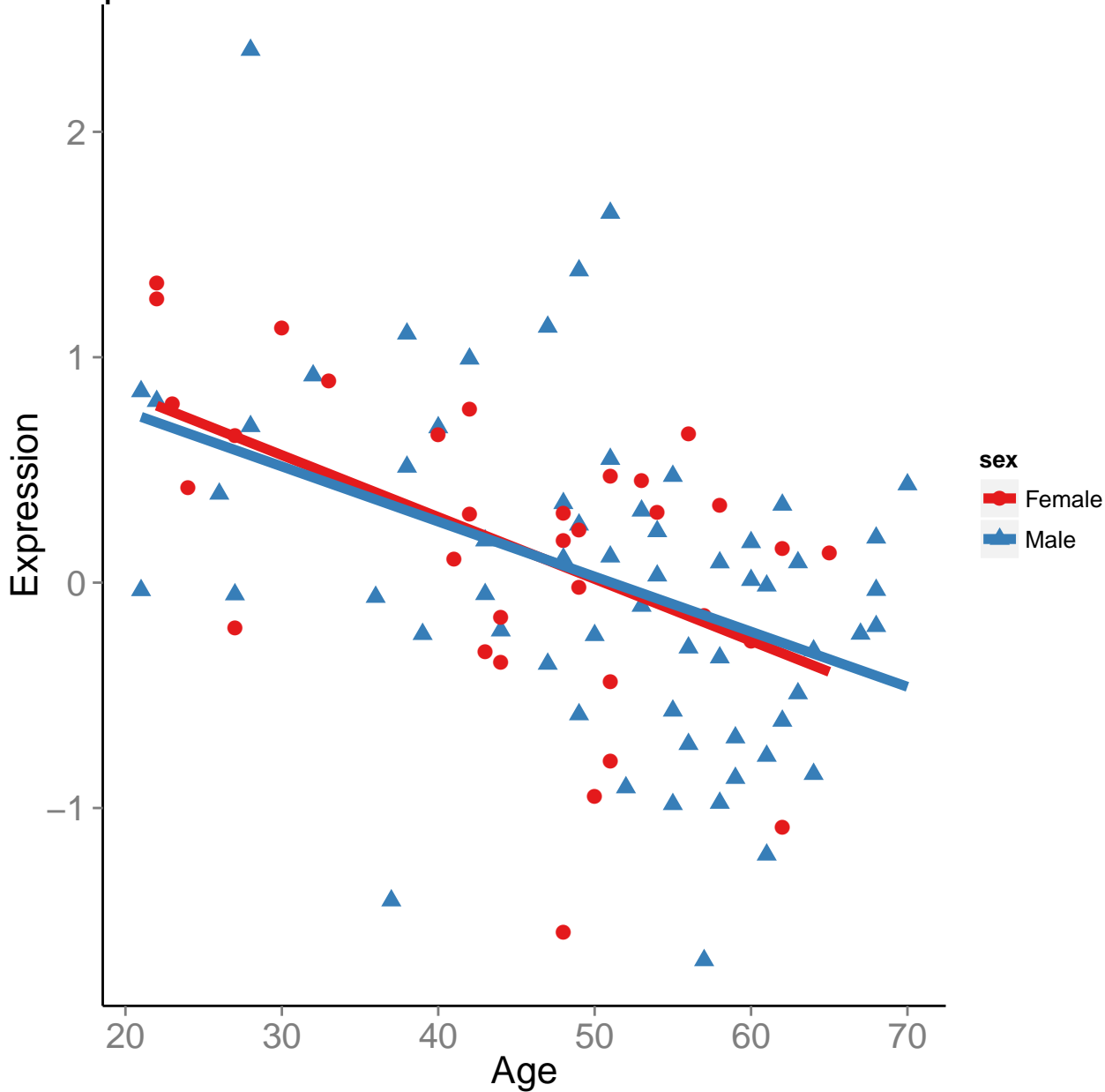
Adipose: SLIRP Pearson-R=-0.47 Pval=2.12E-06



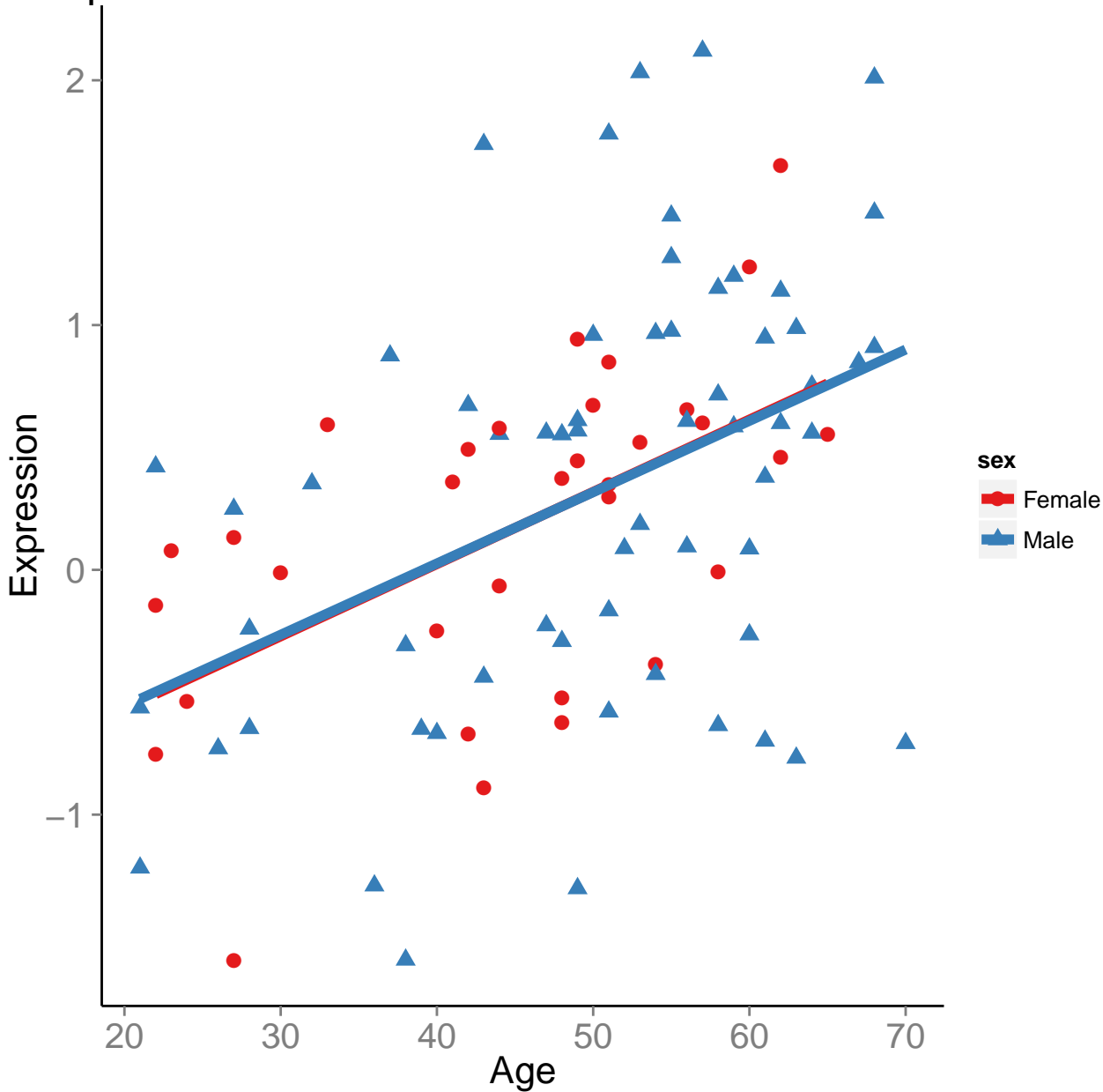
Adipose: MYO1E Pearson-R=0.47 Pval=1.99E-06



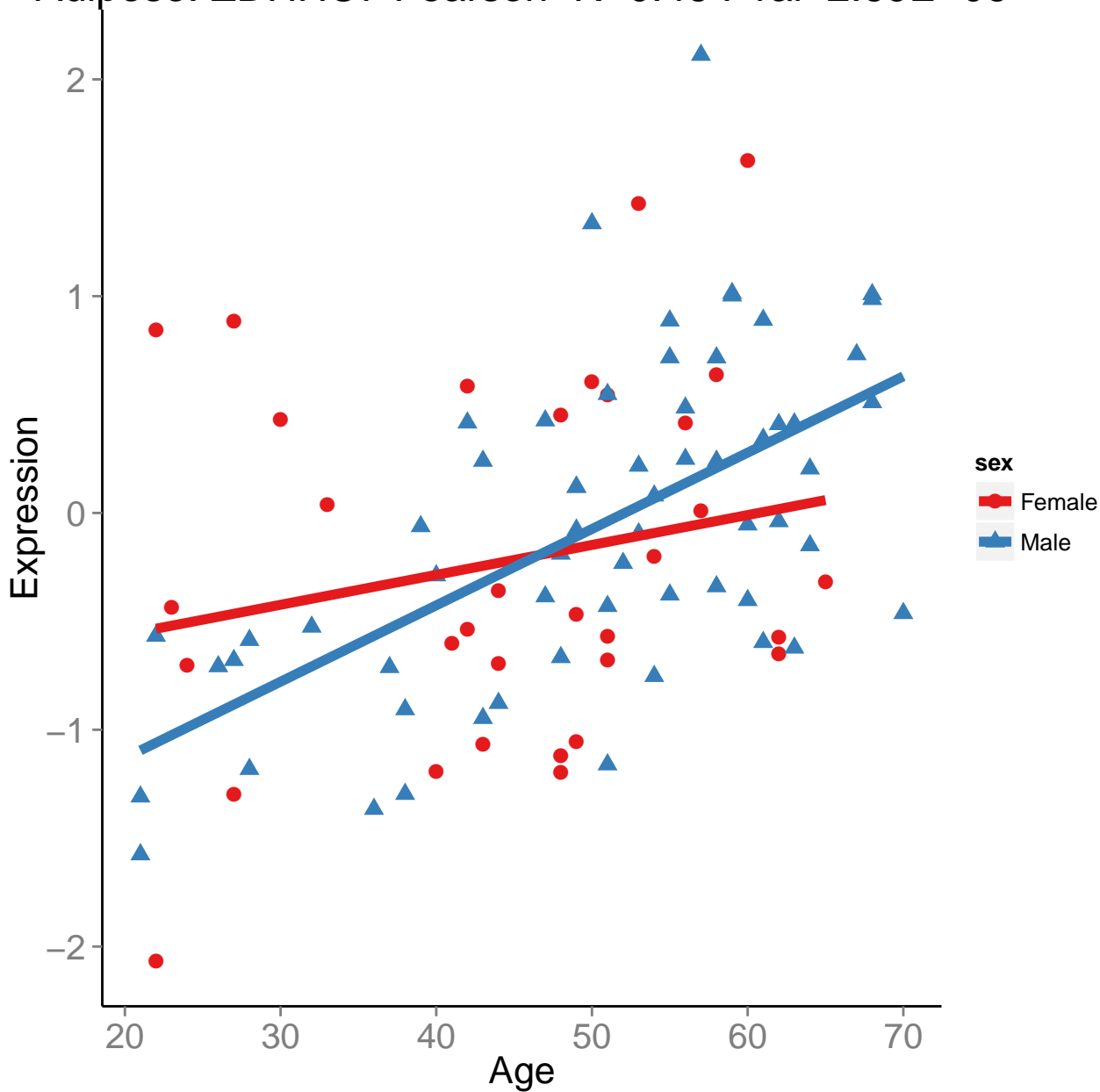
Adipose: ACSL4 Pearson-R=-0.46 Pval=2.67E-06



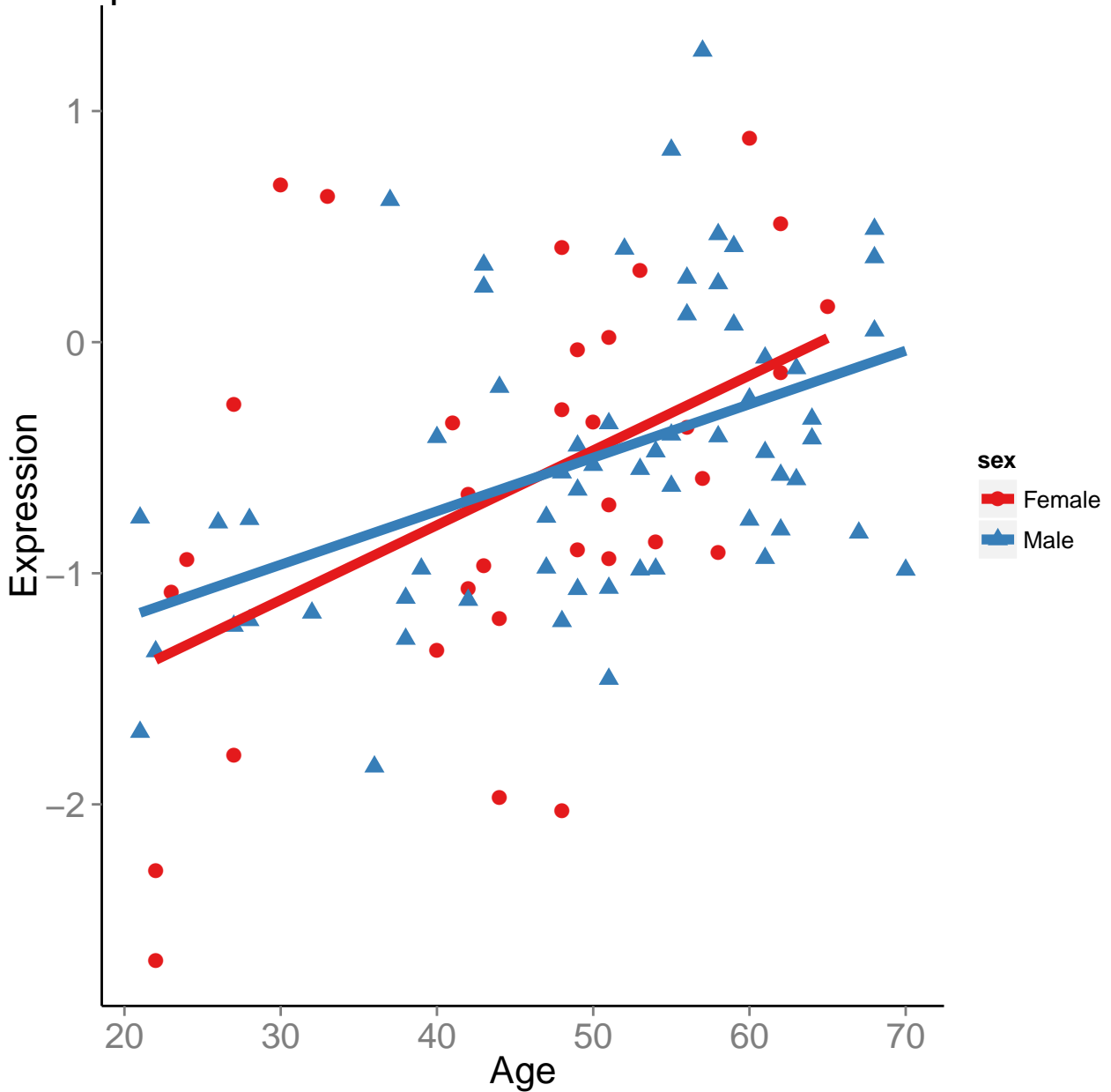
Adipose: PTPLAD2 Pearson-R=0.46 Pval=2.66E-06



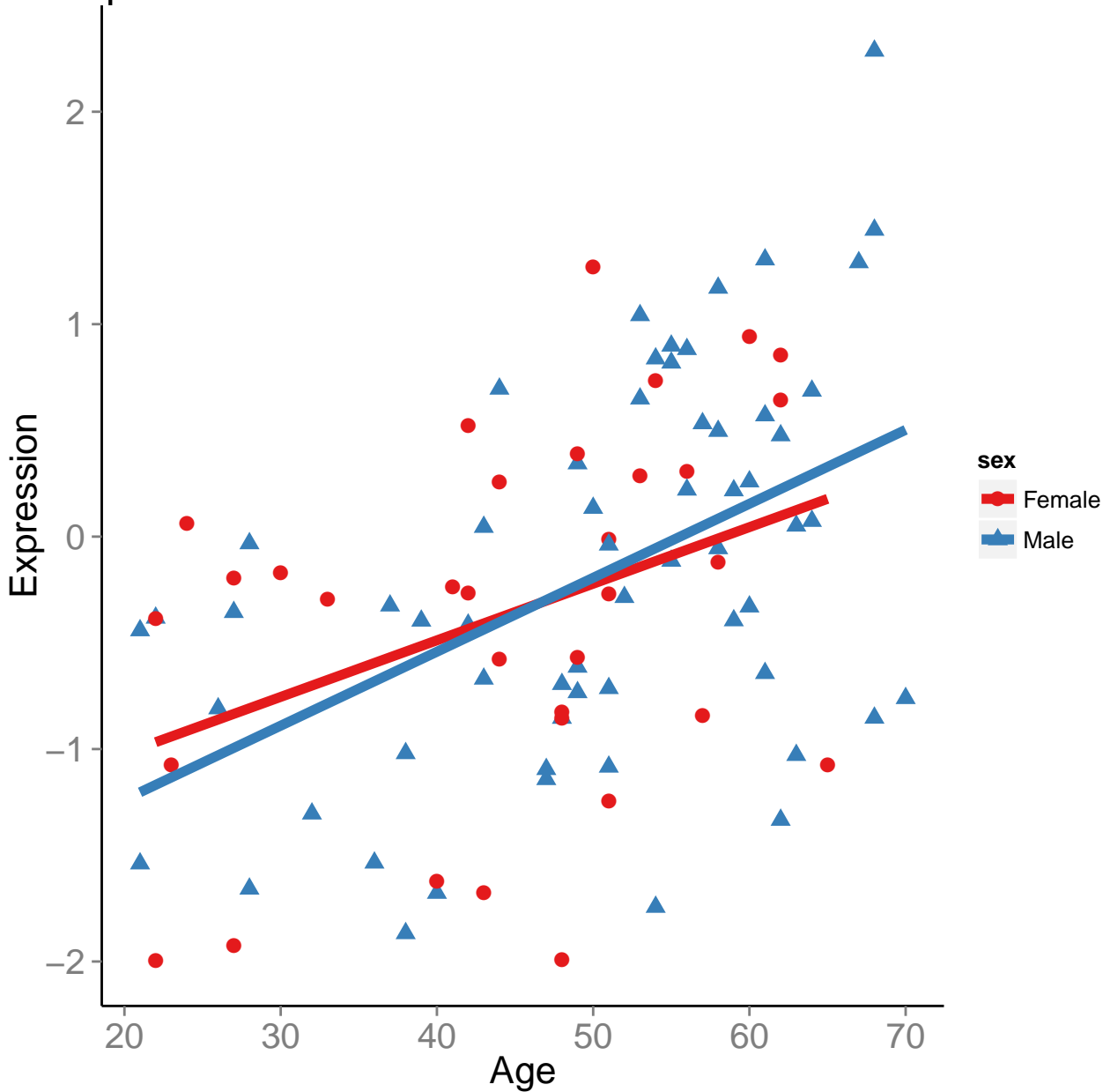
Adipose: ZDHHC7 Pearson-R=0.46 Pval=2.69E-06



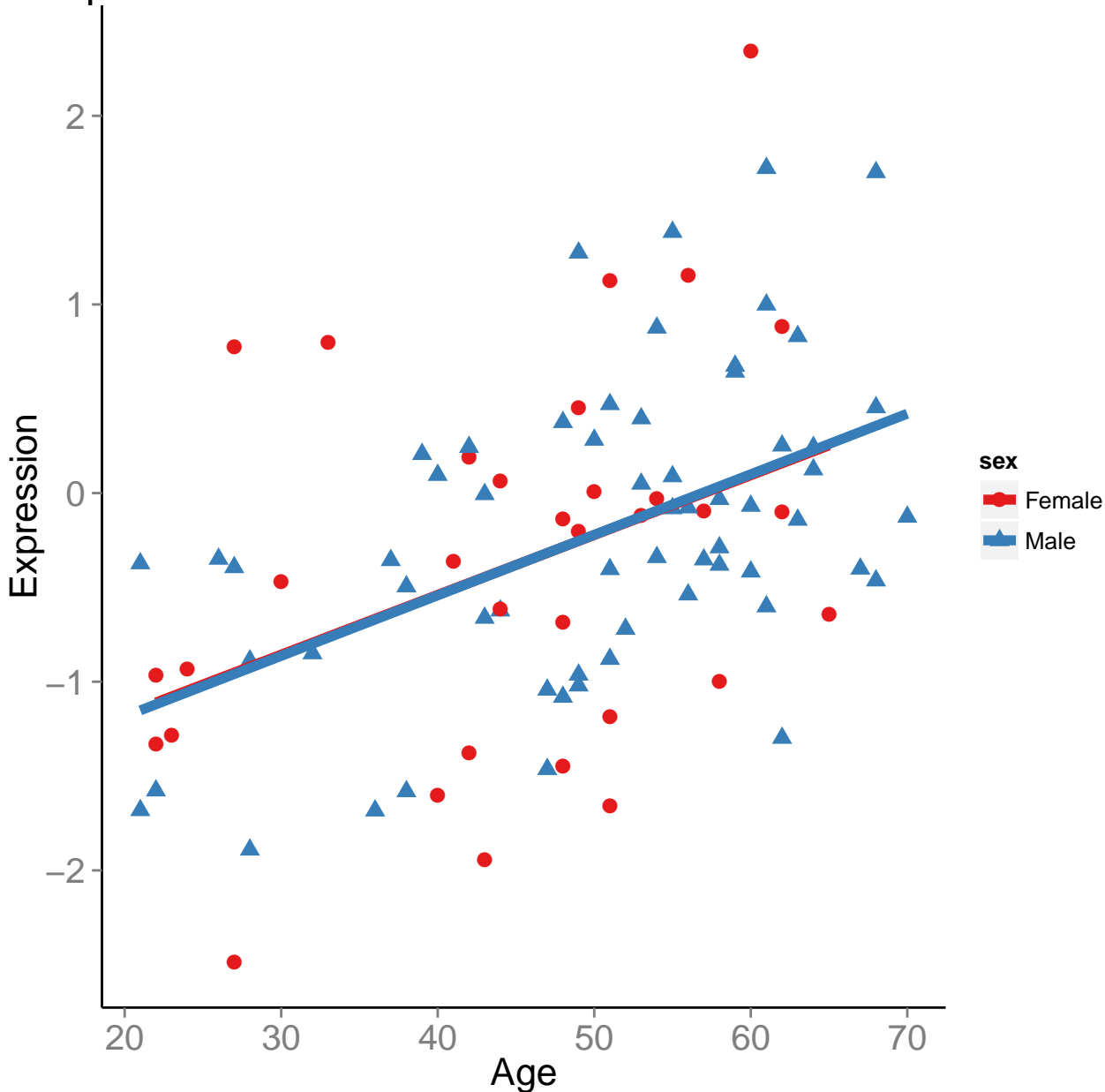
Adipose: AMY2B Pearson-R=0.46 Pval=2.98E-06



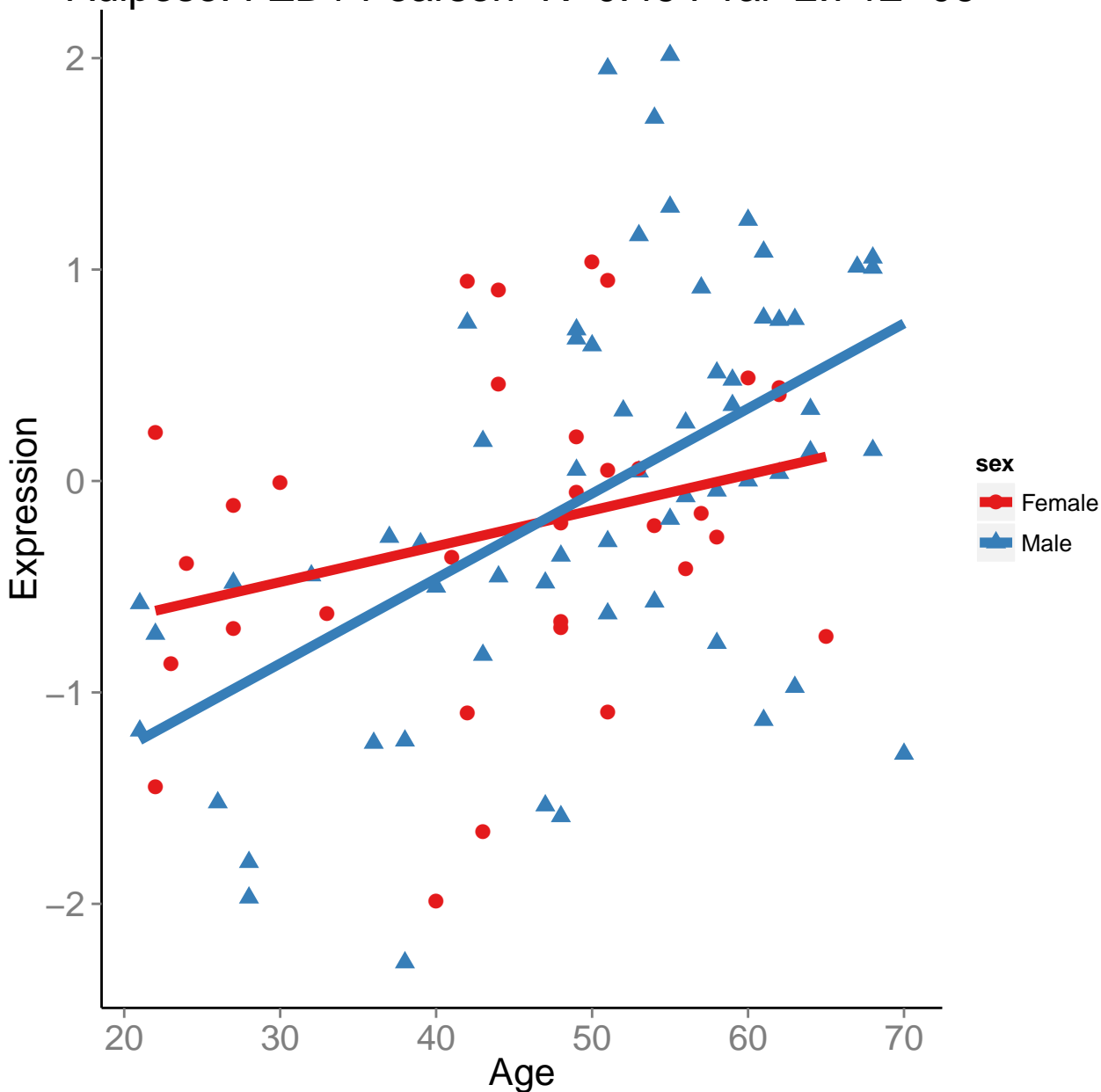
Adipose: CNNM4 Pearson-R=0.46 Pval=3.00E-06



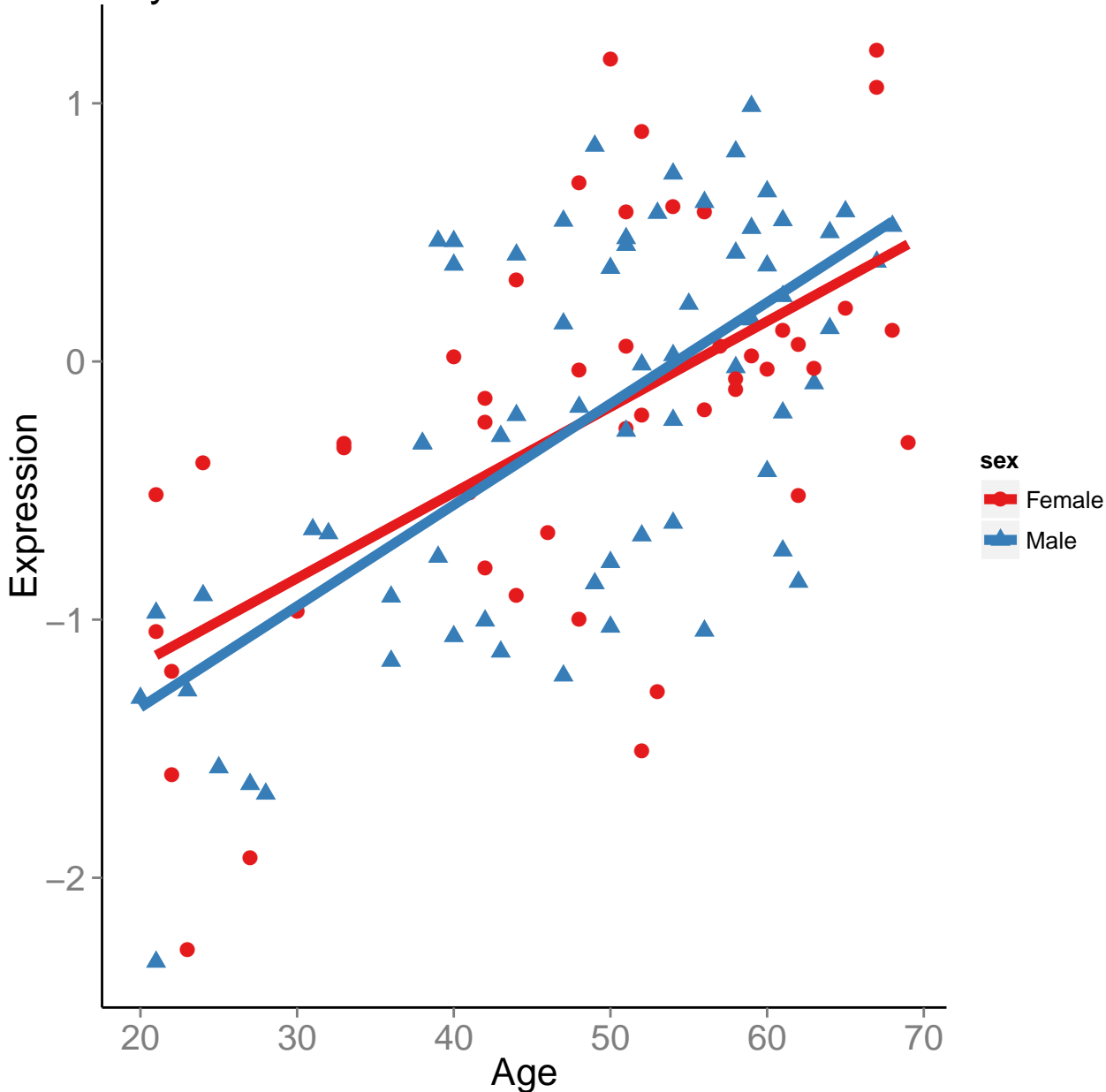
Adipose: KIAA1755 Pearson-R=0.46 Pval=2.77E-06



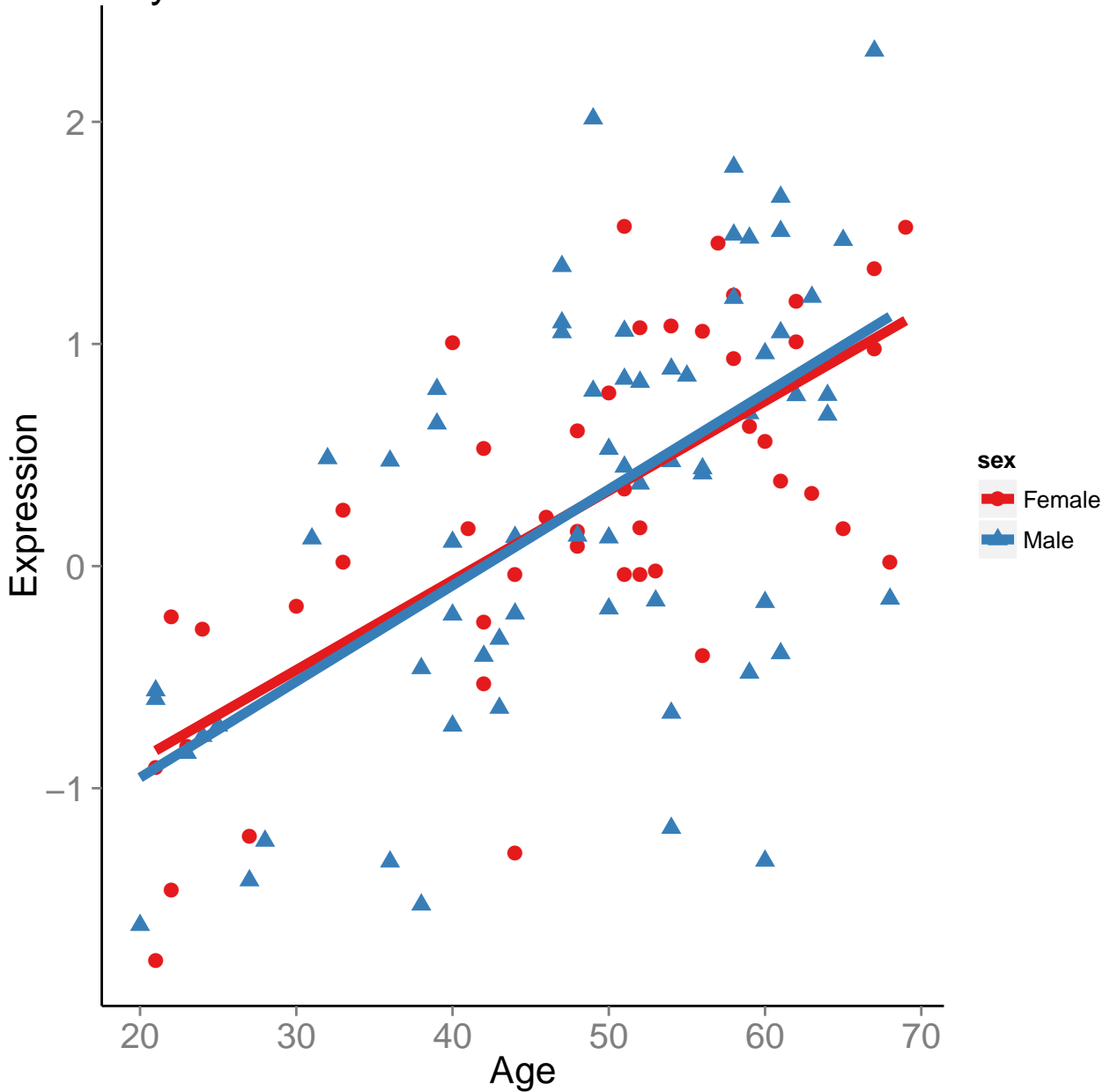
Adipose: FZD1 Pearson-R=0.46 Pval=2.74E-06



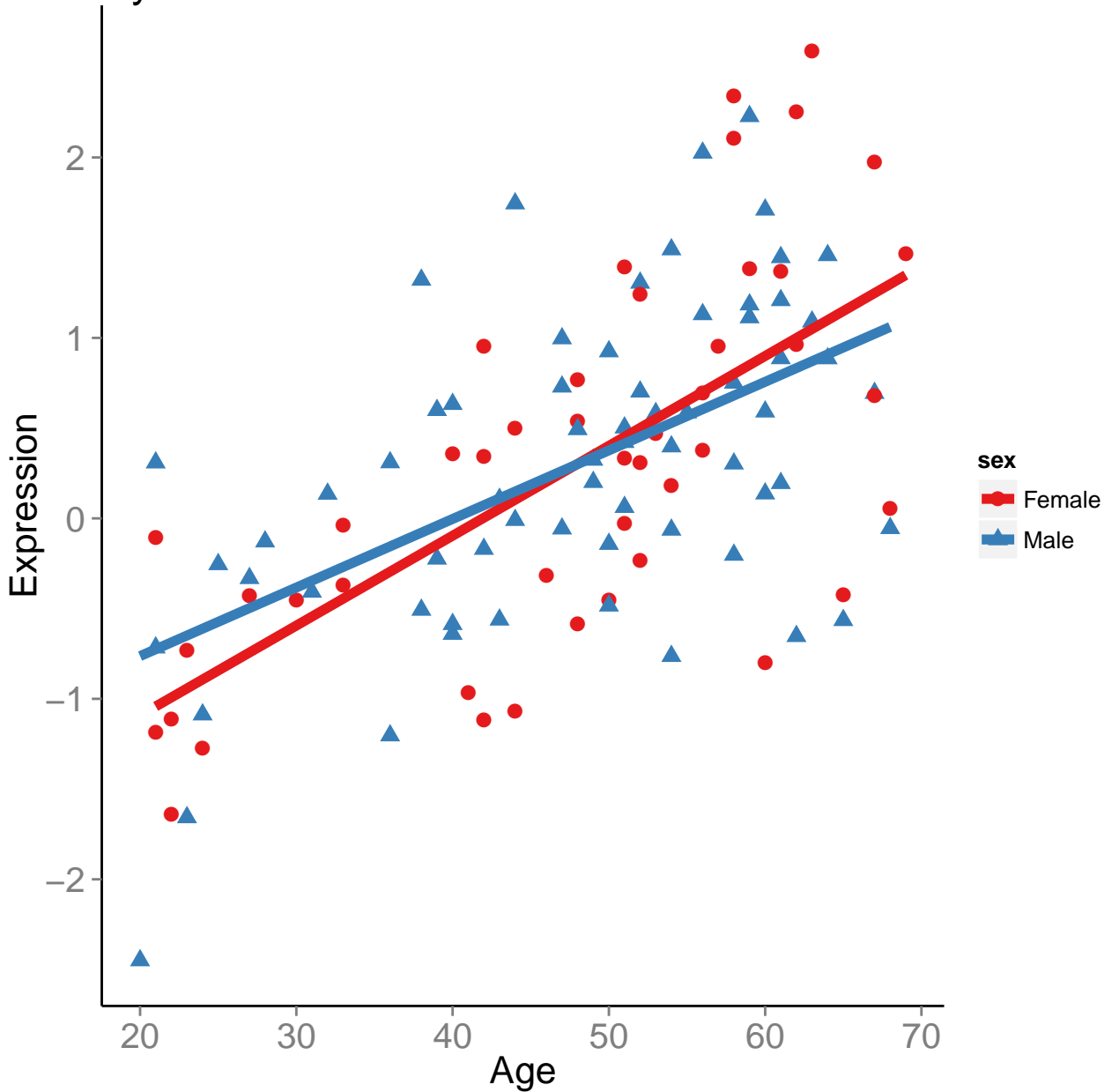
Artery: CADPS2 Pearson-R=0.64 Pval=5.31E-14



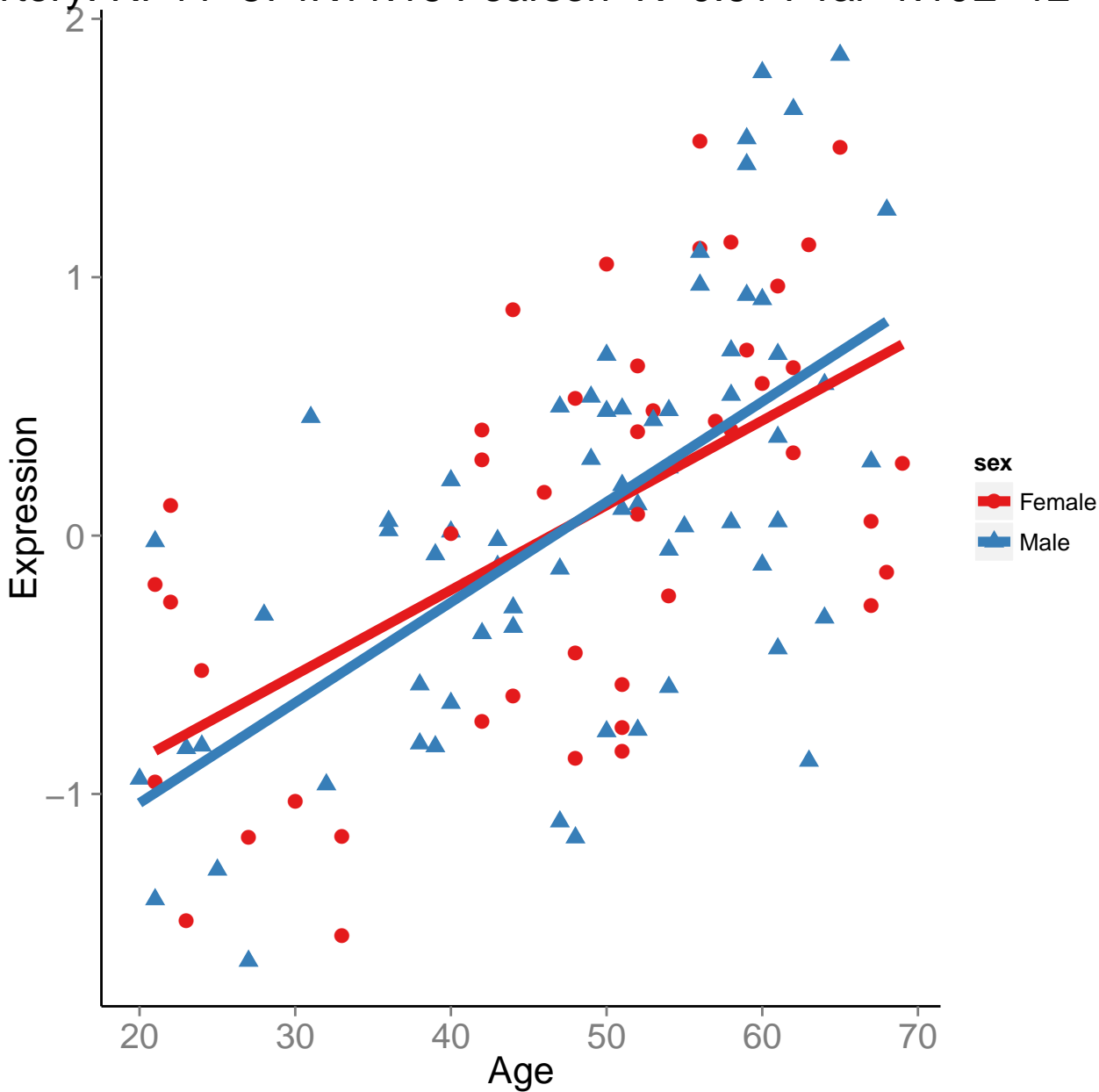
Artery: PCDH10 Pearson-R=0.63 Pval=9.53E-14



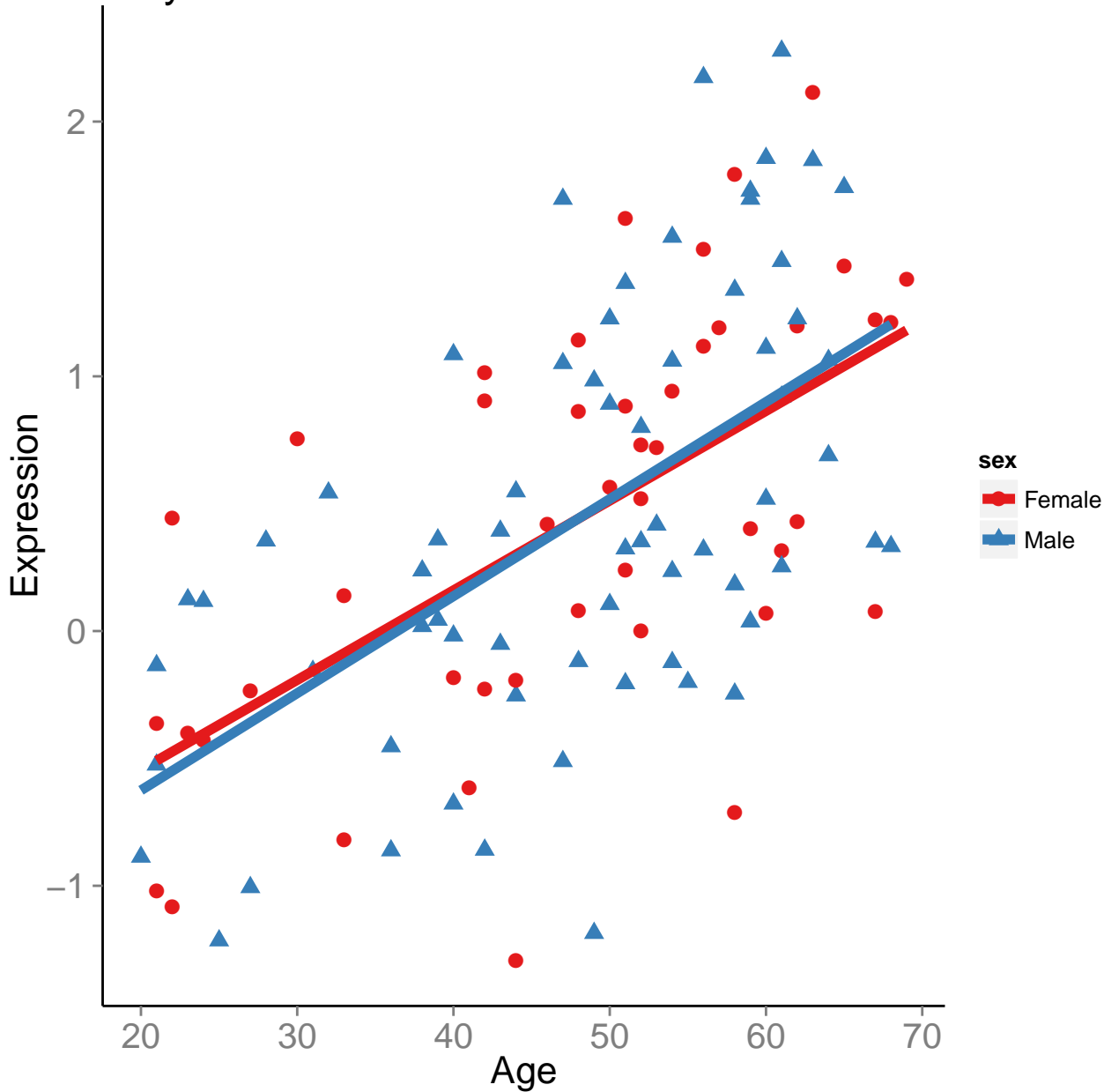
Artery: RPL29P19 Pearson-R=0.61 Pval=1.16E-12



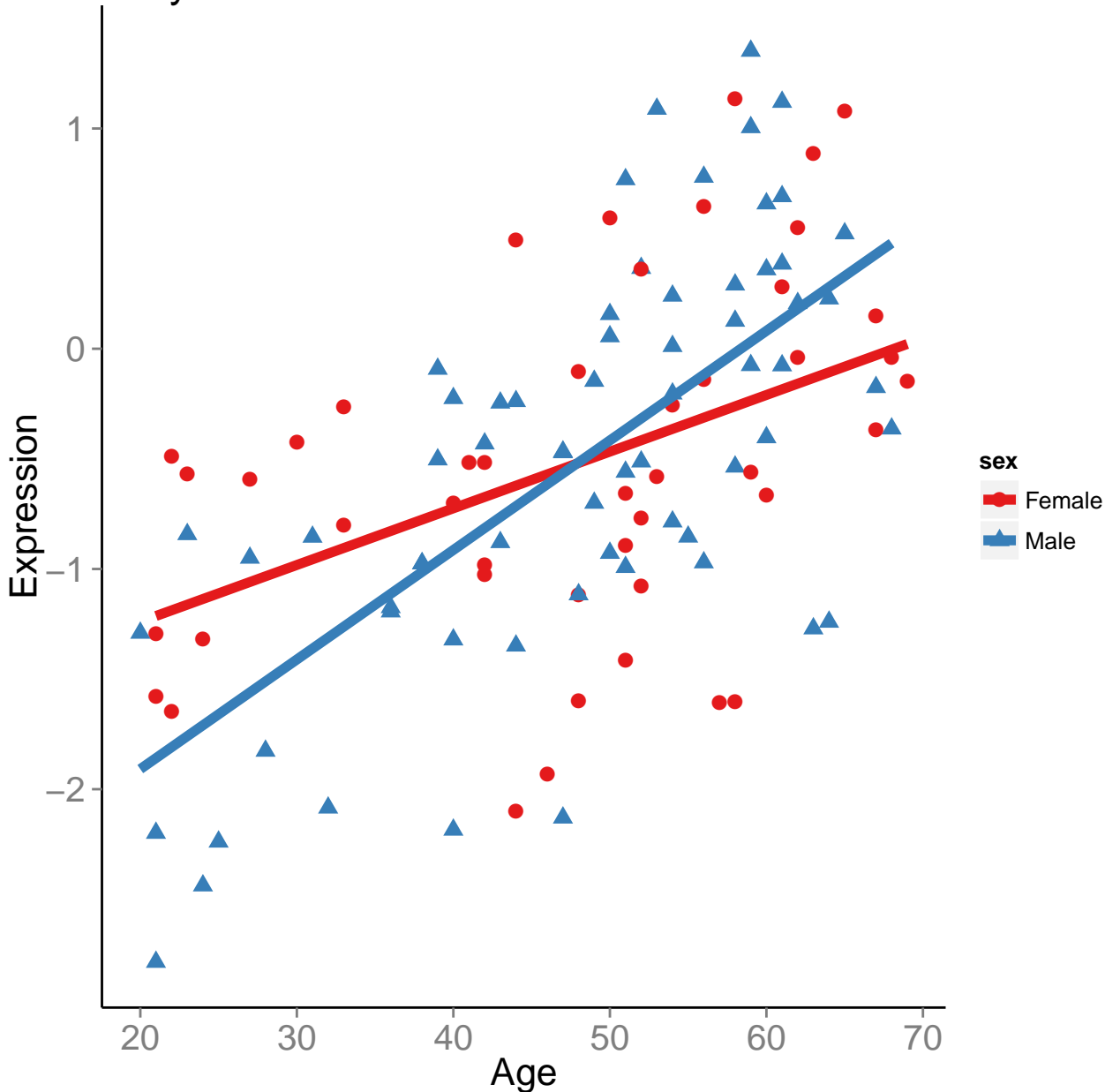
Artery: RP11-574K11.16 Pearson-R=0.61 Pval=1.10E-12



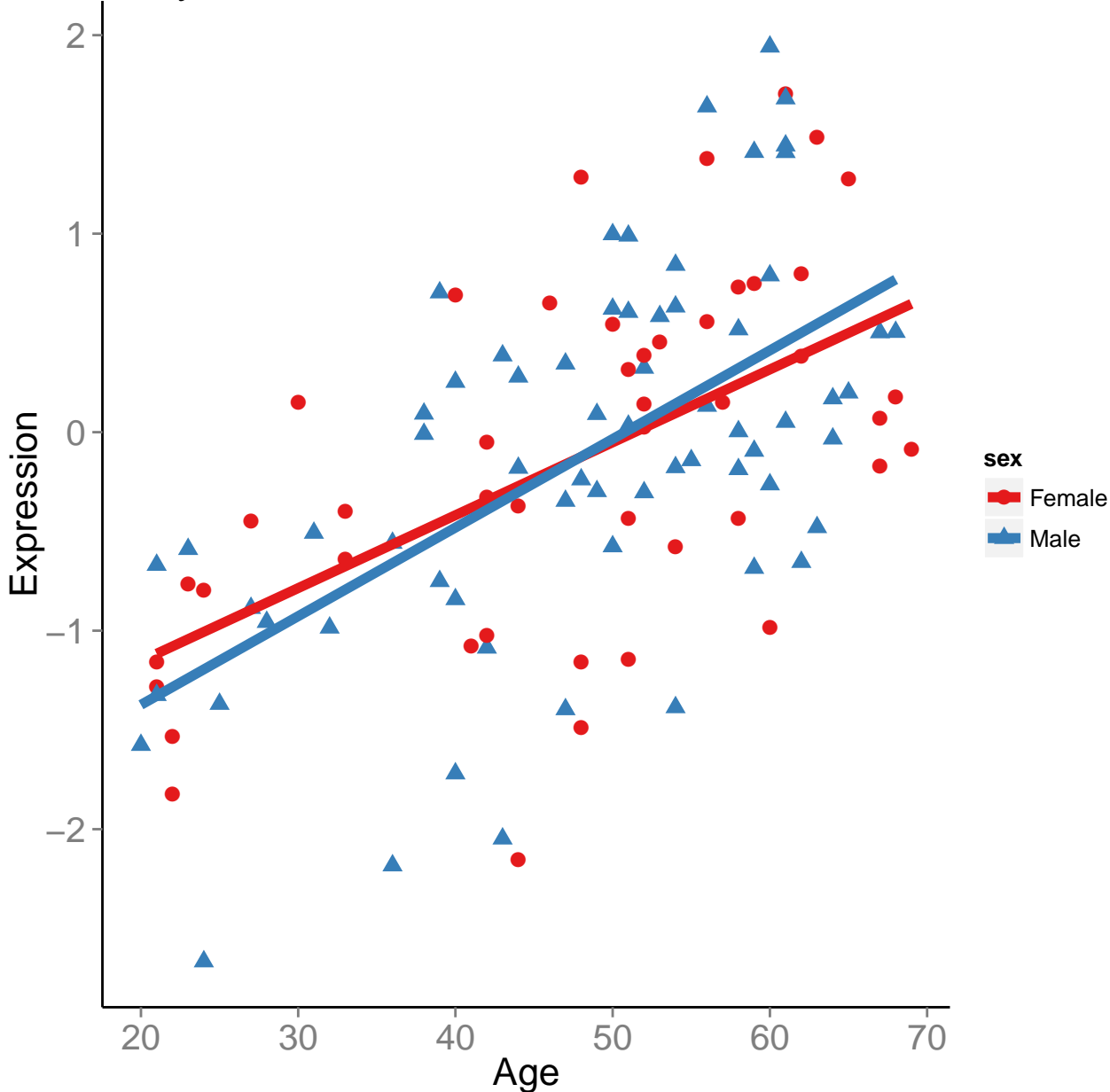
Artery: RUNX2 Pearson-R=0.59 Pval=9.00E-12



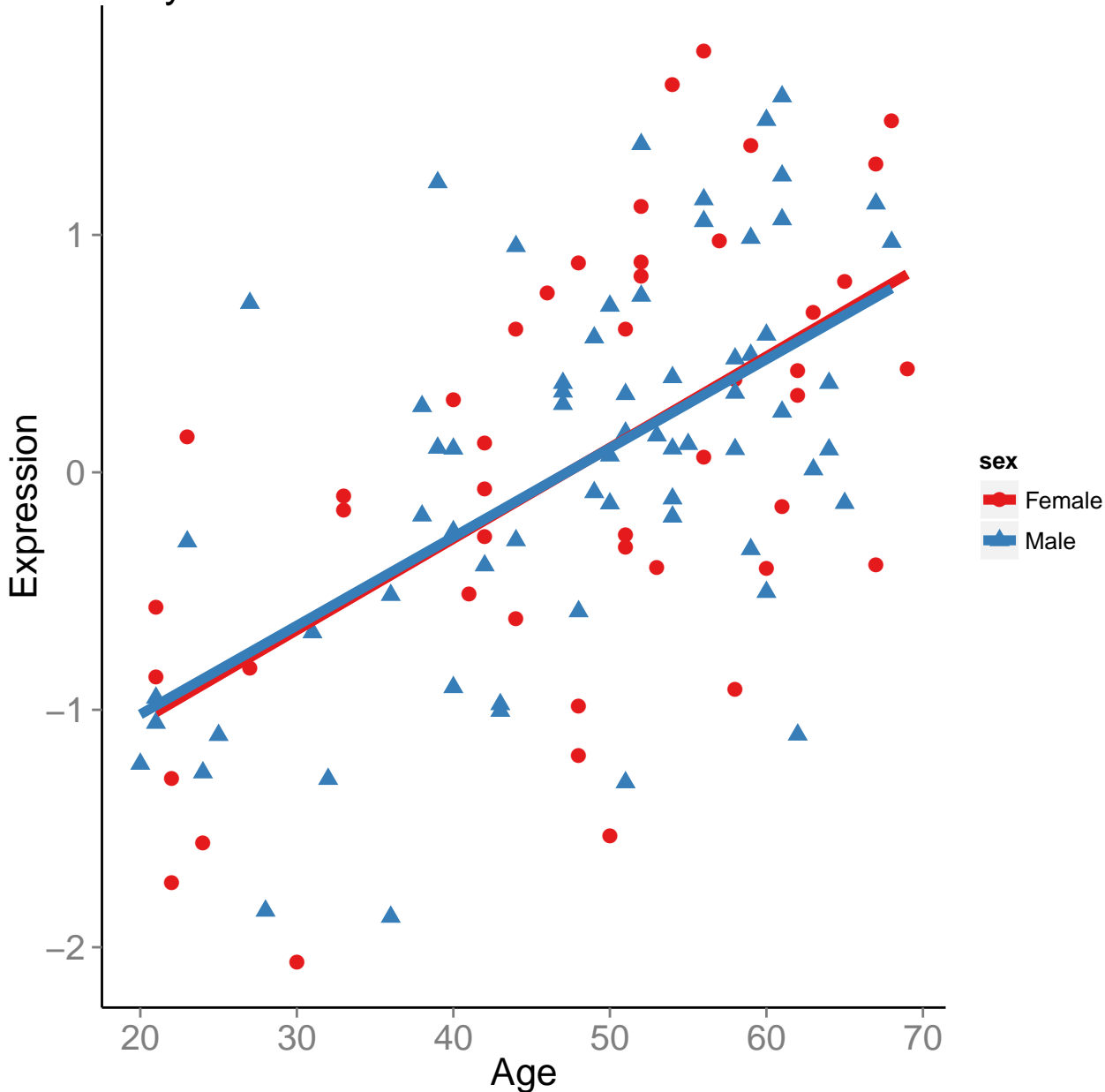
Artery: LPAR2 Pearson-R=0.59 Pval=1.19E-11



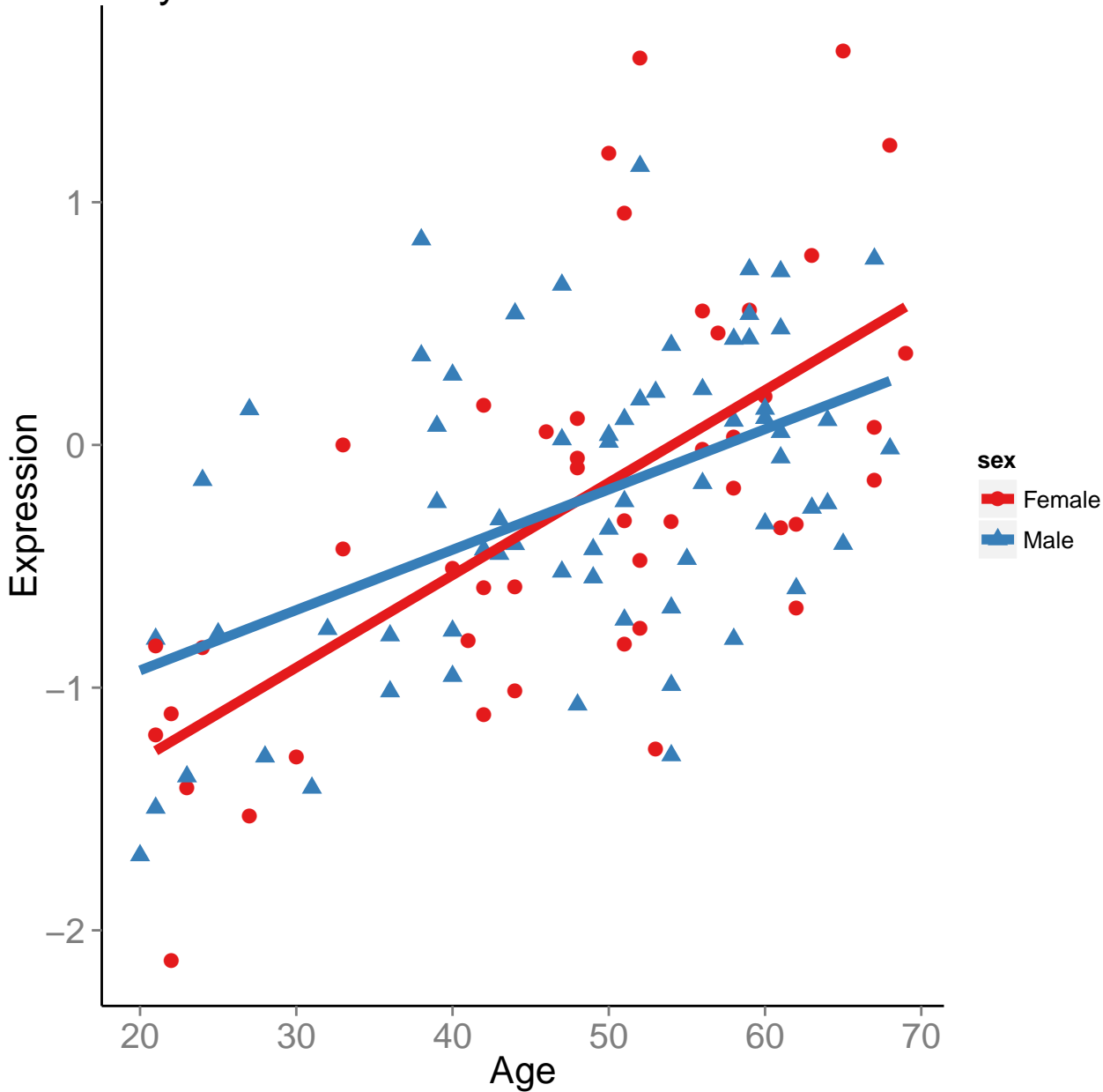
Artery: GGT7 Pearson-R=0.58 Pval=1.65E-11



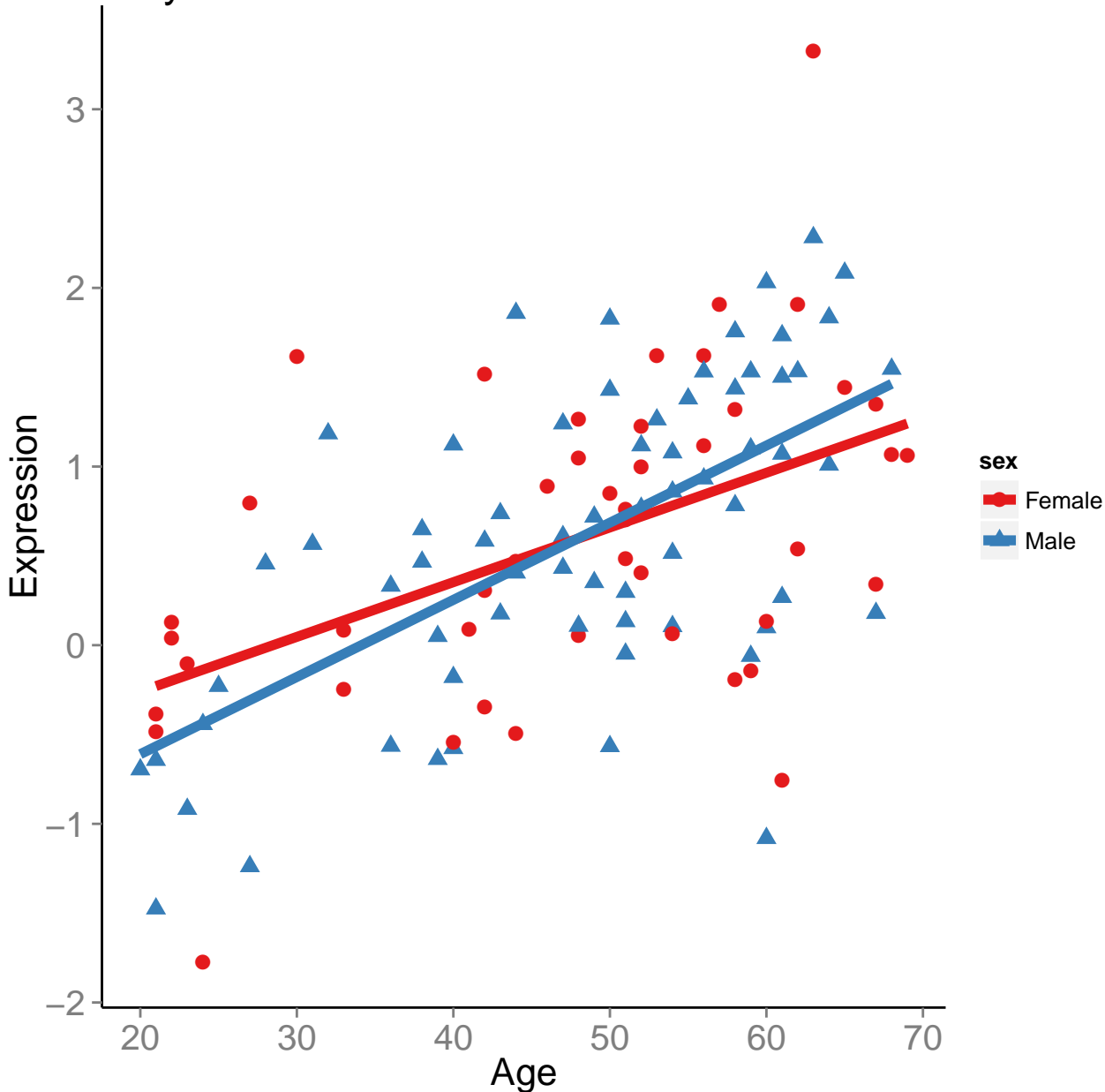
Artery: EDA2R Pearson-R=0.58 Pval=2.13E-11



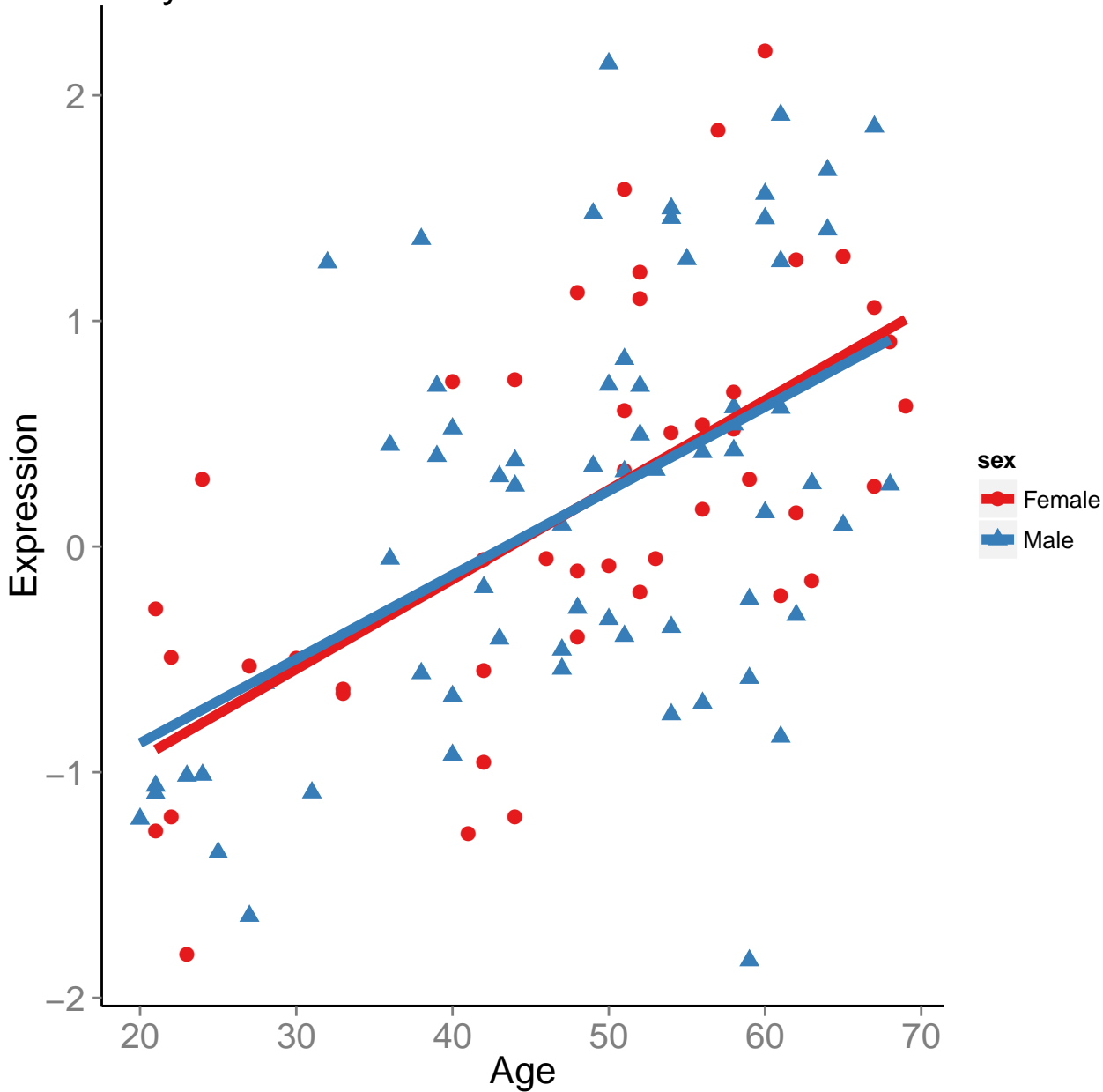
Artery: TRIM22 Pearson-R=0.57 Pval=3.82E-11



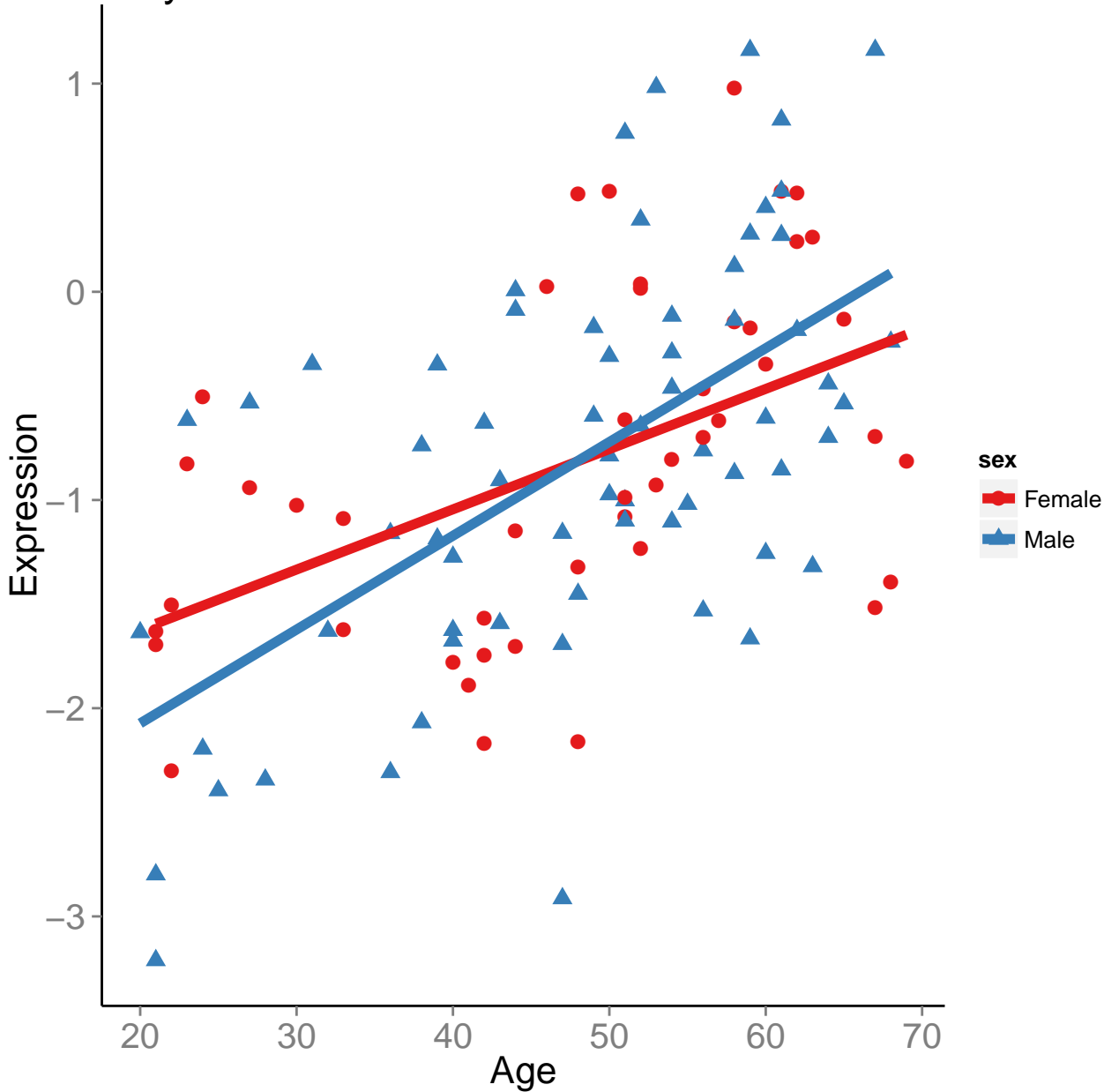
Artery: KCNK2 Pearson-R=0.56 Pval=1.36E-10



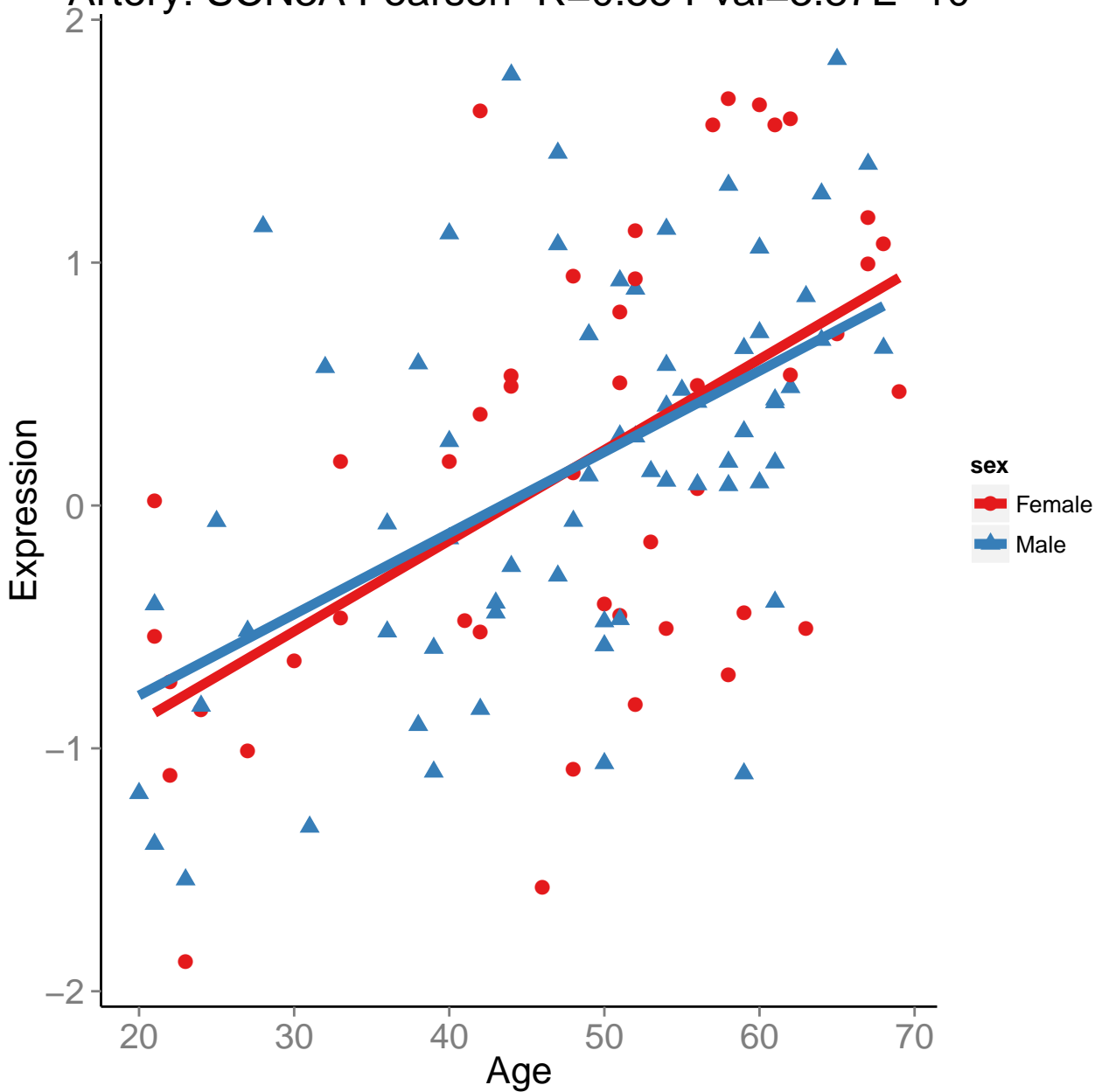
Artery: PCDH9 Pearson-R=0.56 Pval=2.00E-10



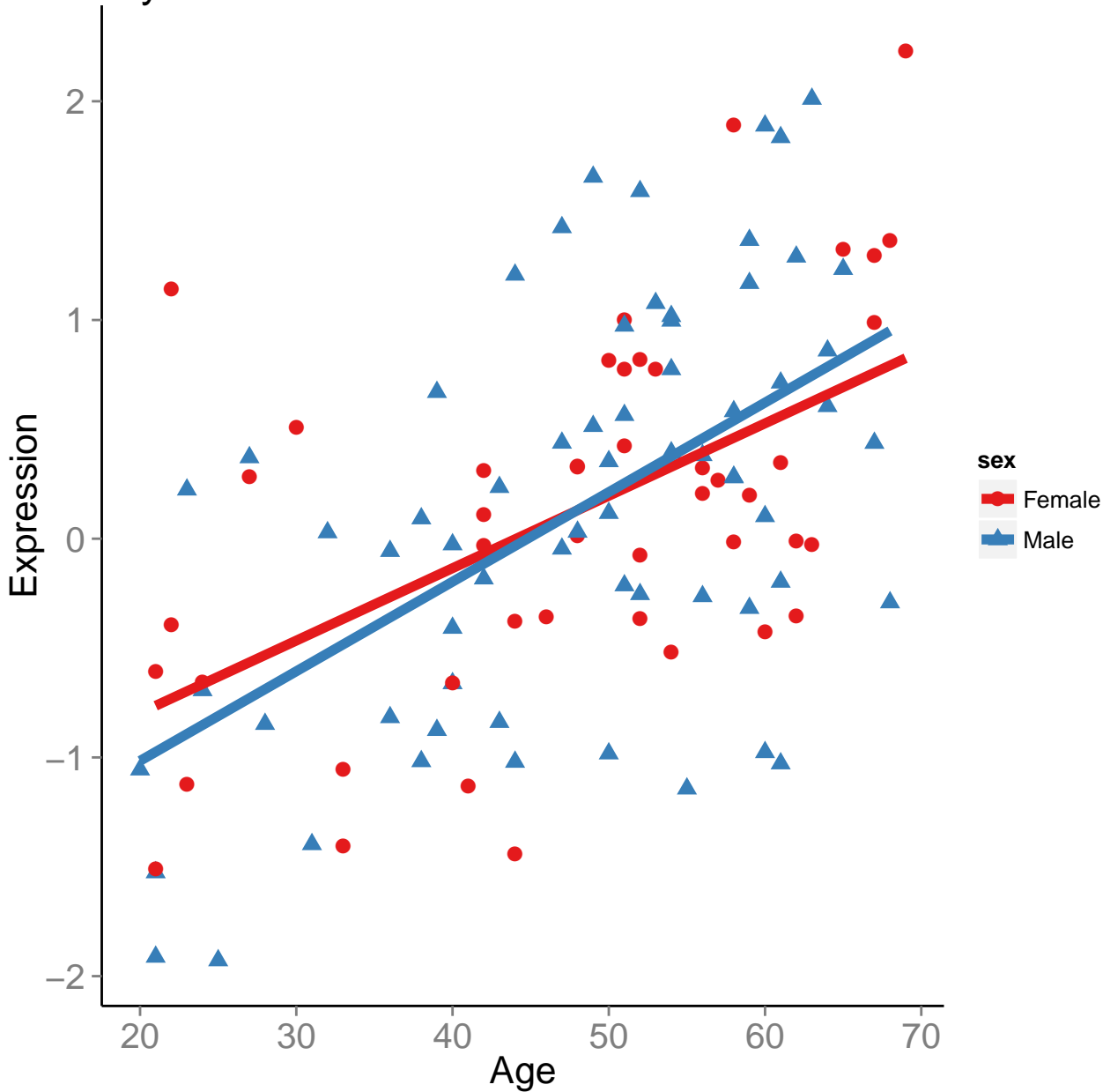
Artery: OXER1 Pearson-R=0.55 Pval=3.50E-10



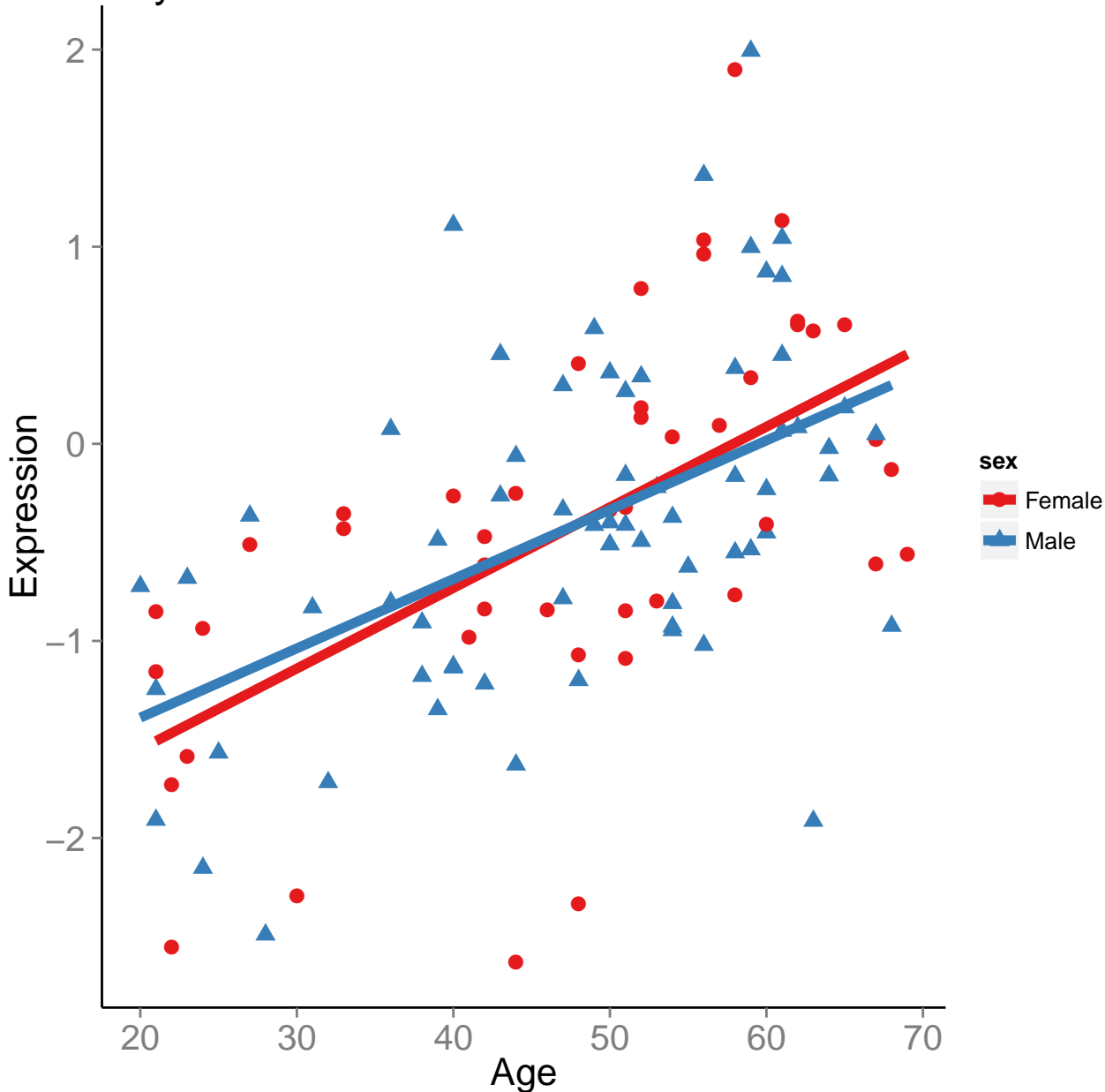
Artery: SCN3A Pearson-R=0.55 Pval=3.87E-10



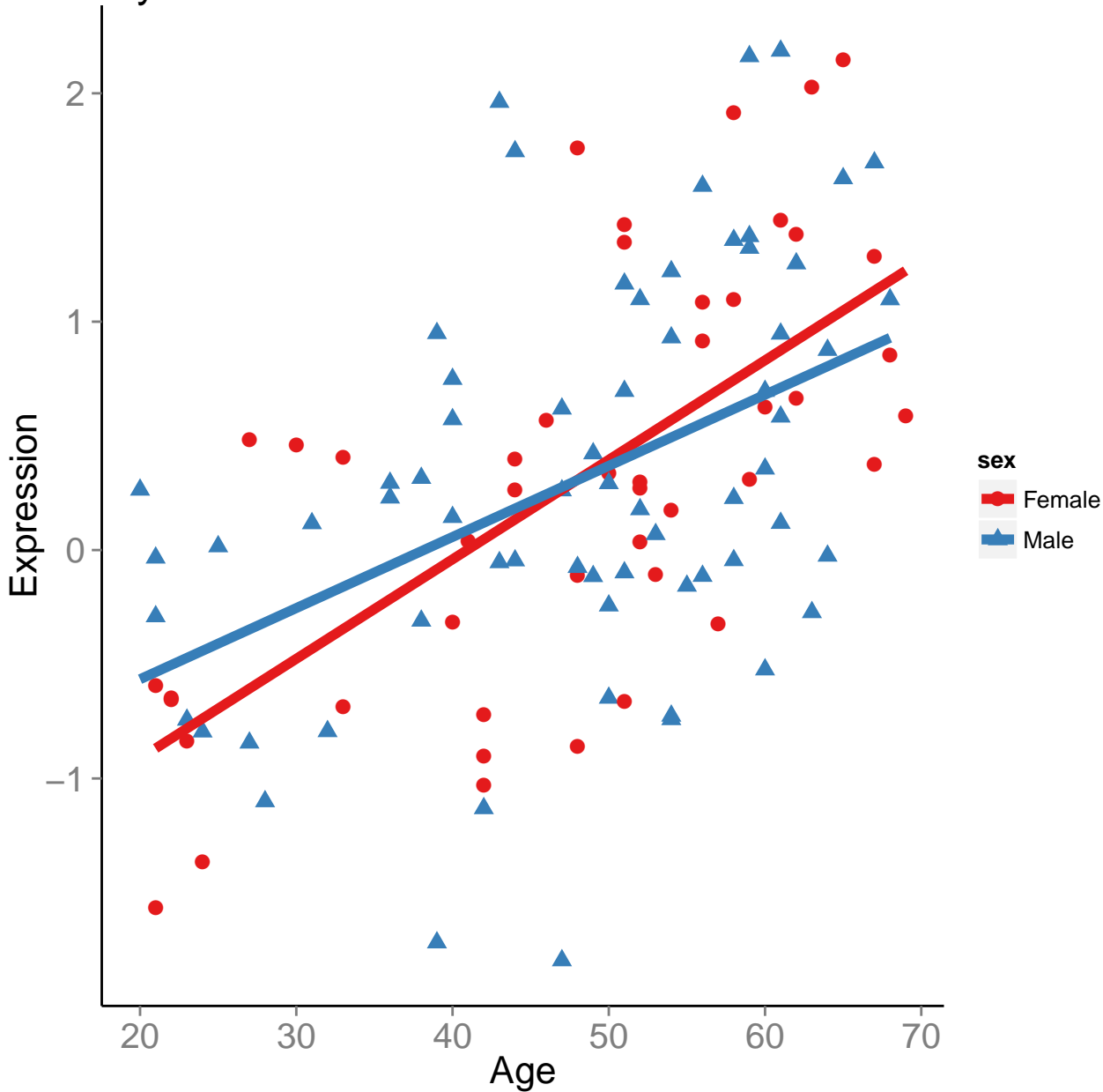
Artery: COL11A1 Pearson-R=0.55 Pval=3.77E-10



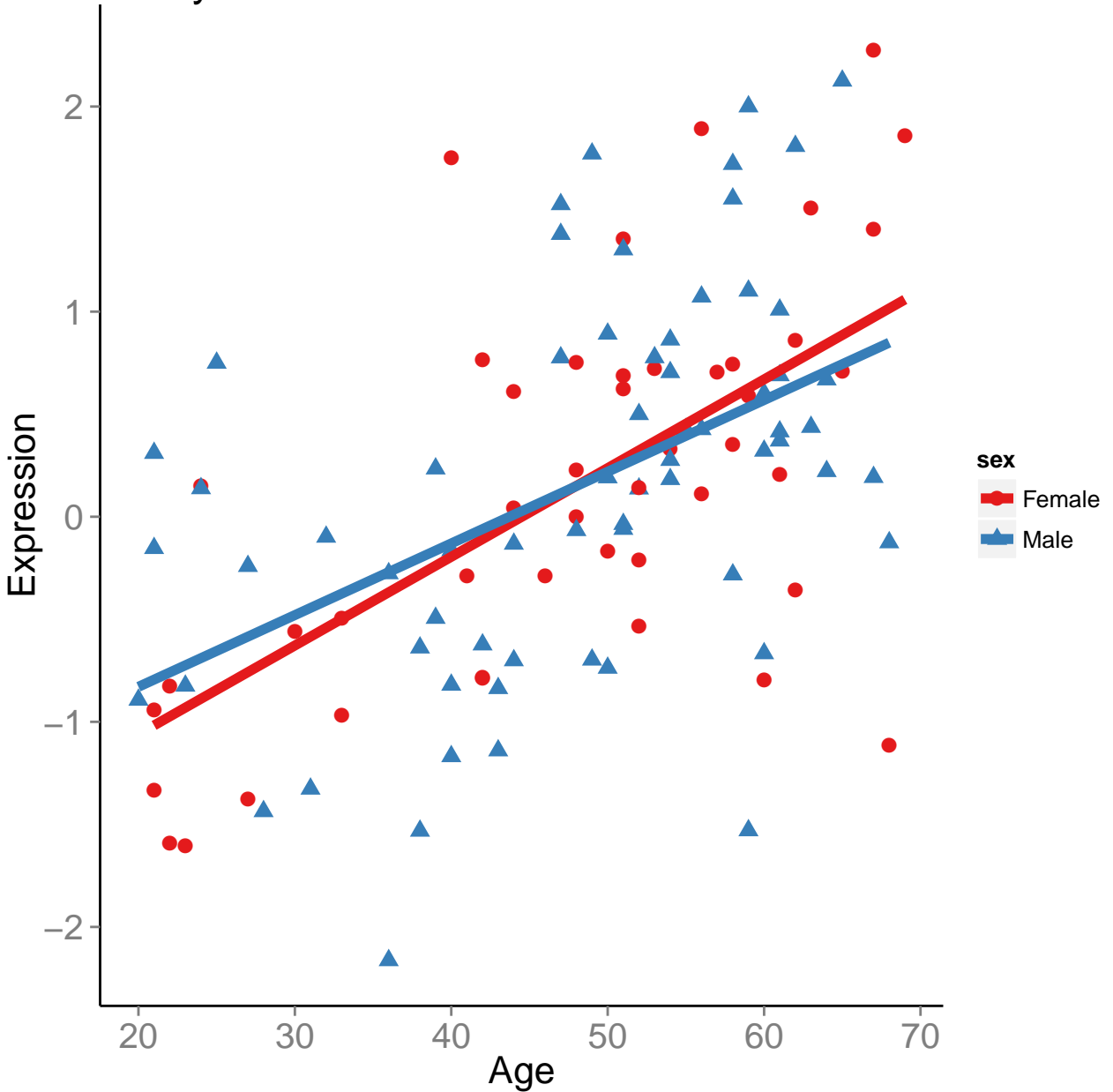
Artery: SH3D21 Pearson-R=0.55 Pval=3.42E-10



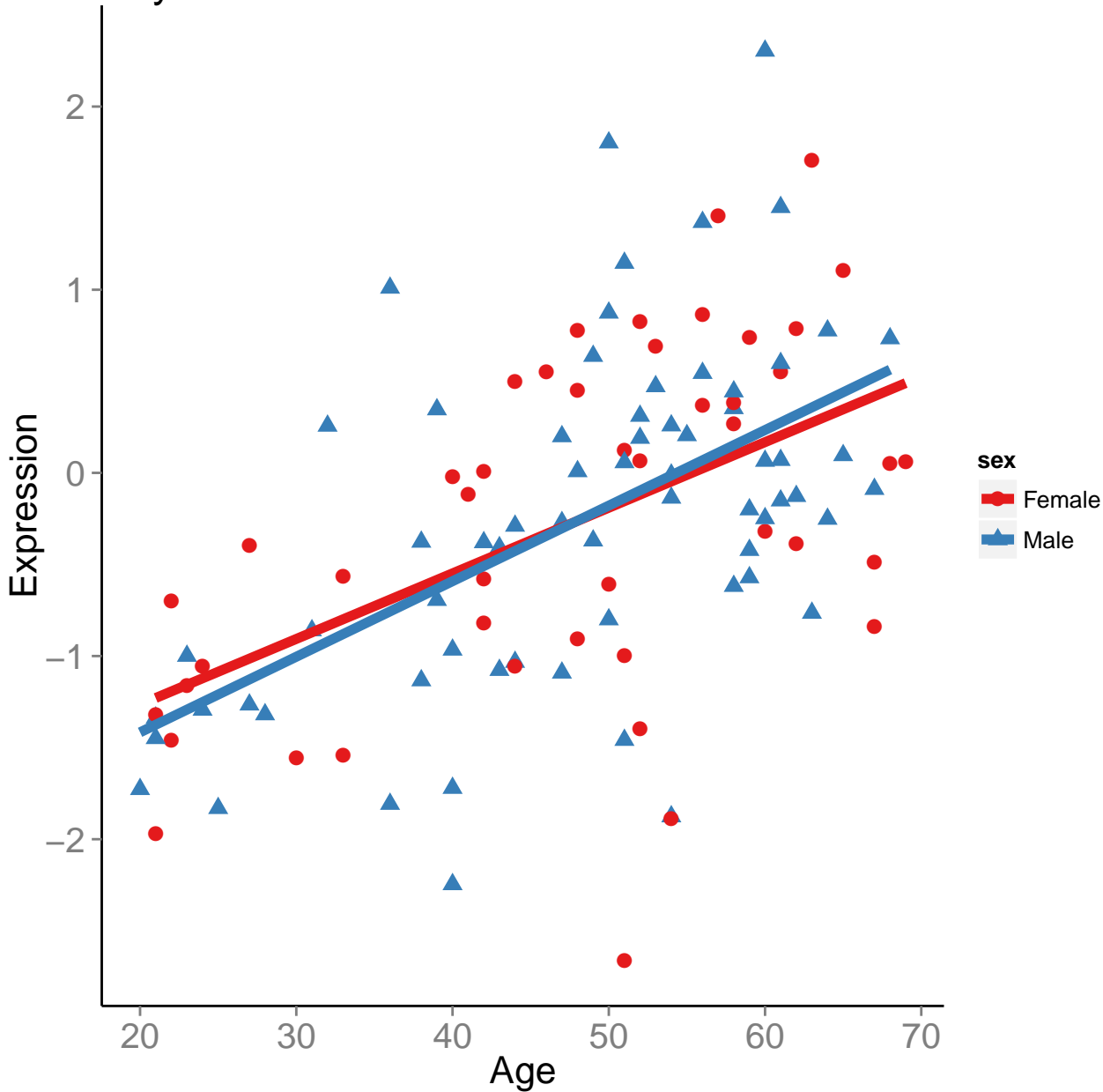
Artery: KRTCAP3 Pearson-R=0.54 Pval=5.45E-10



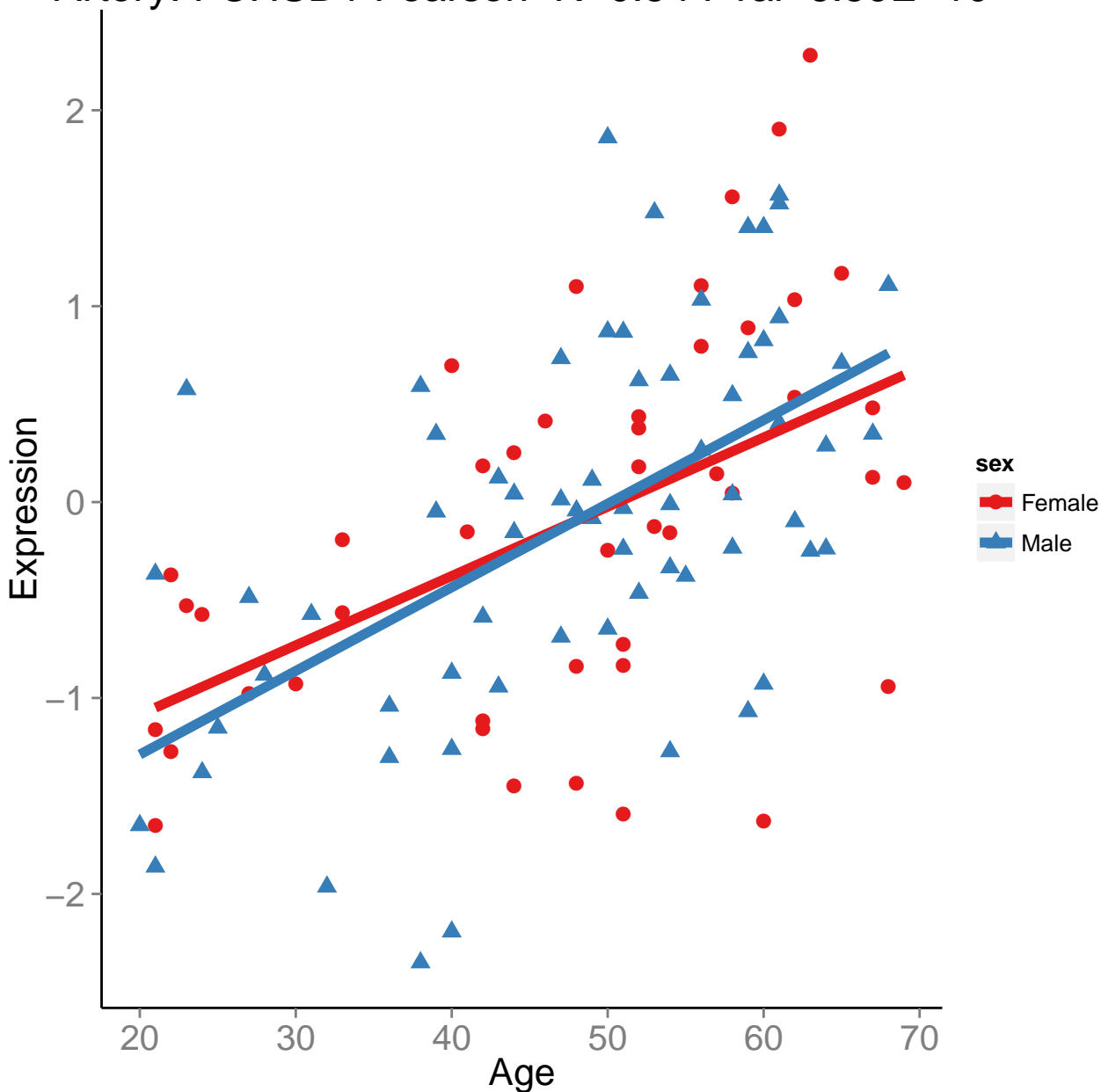
Artery: F2R Pearson-R=0.54 Pval=5.87E-10



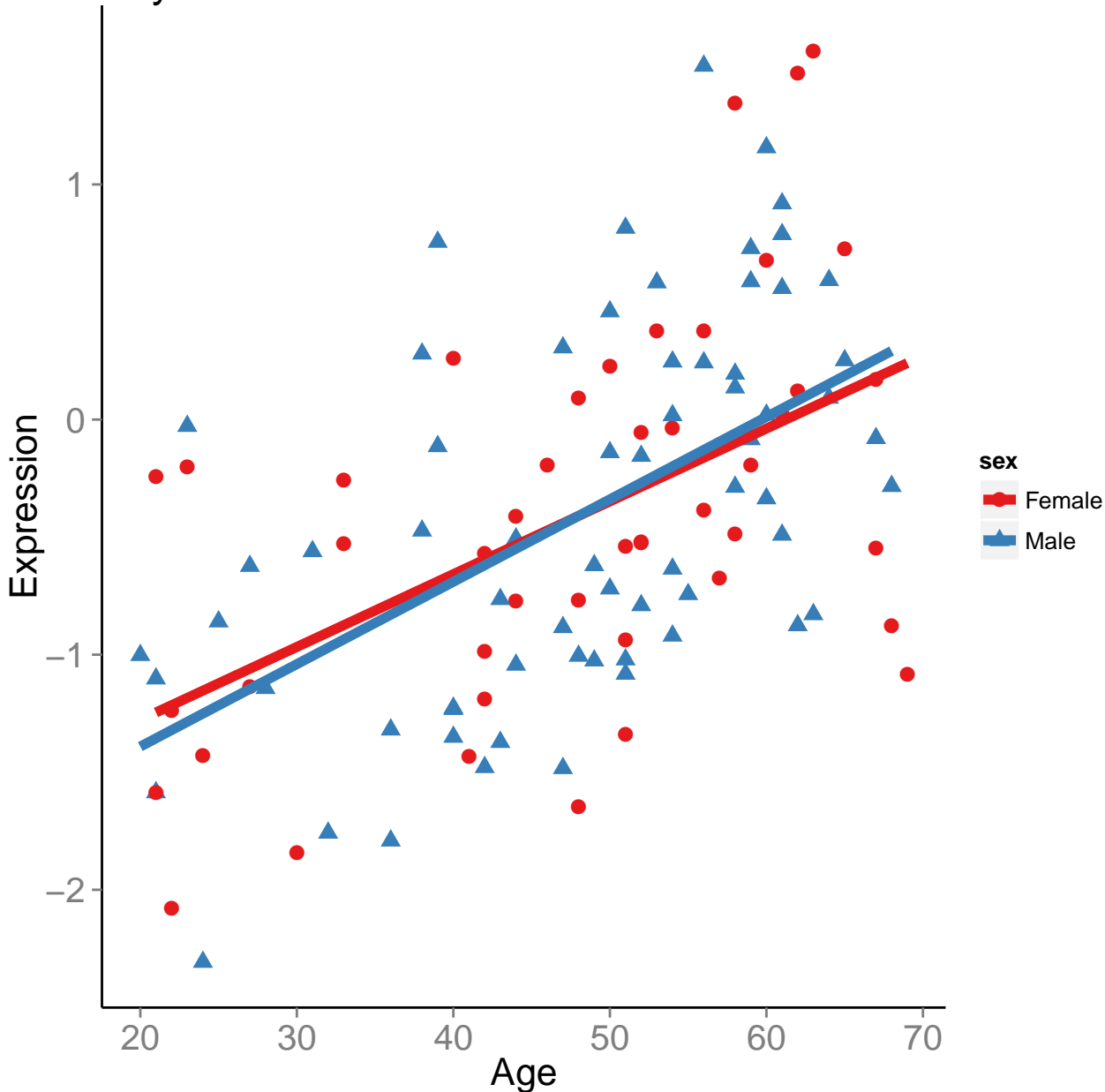
Artery: GPR173 Pearson-R=0.54 Pval=6.93E-10



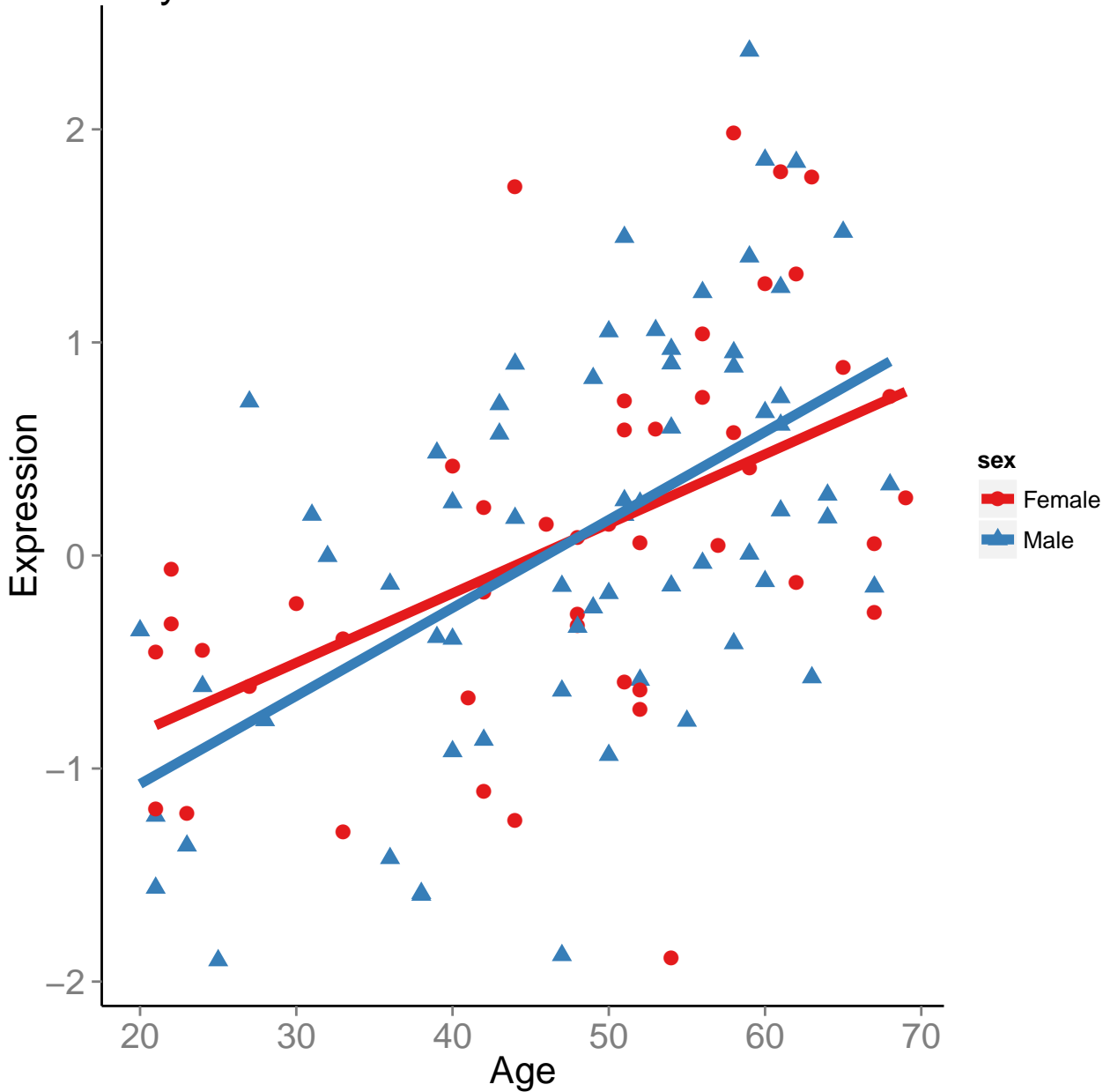
Artery: FCHSD1 Pearson-R=0.54 Pval=6.59E-10



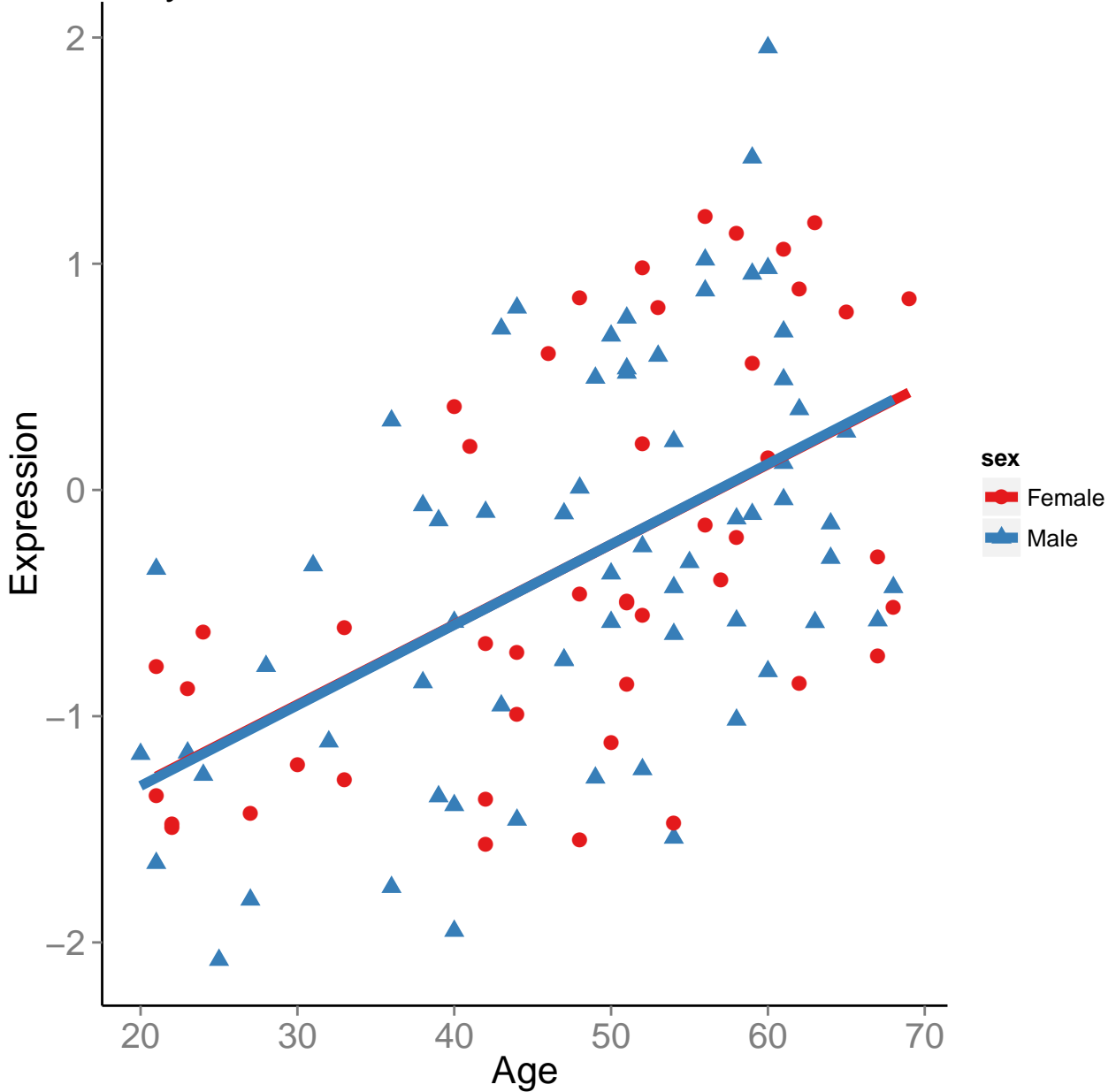
Artery: POU6F1 Pearson-R=0.54 Pval=7.87E-10



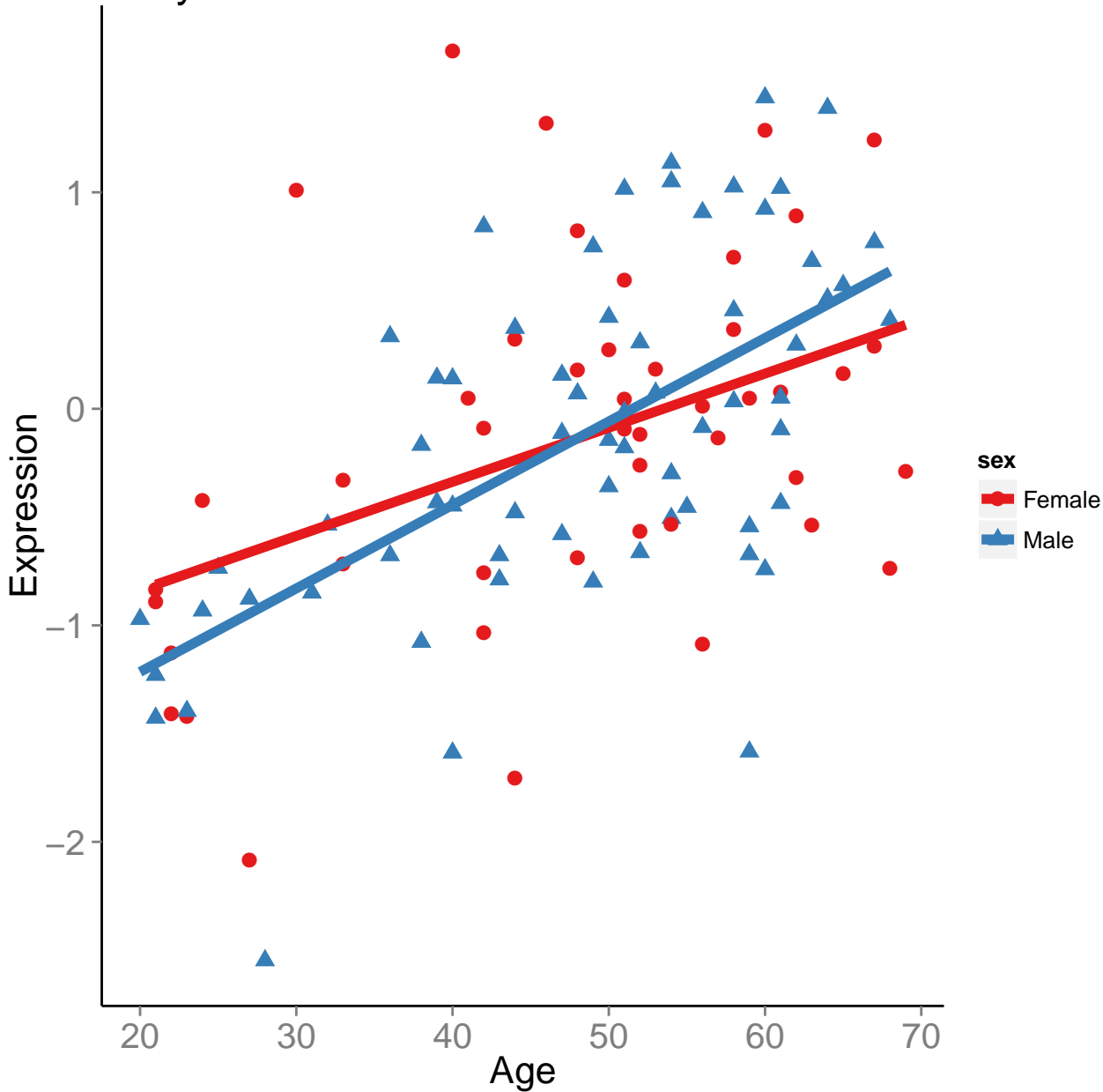
Artery: NDOR1 Pearson-R=0.54 Pval=1.12E-09



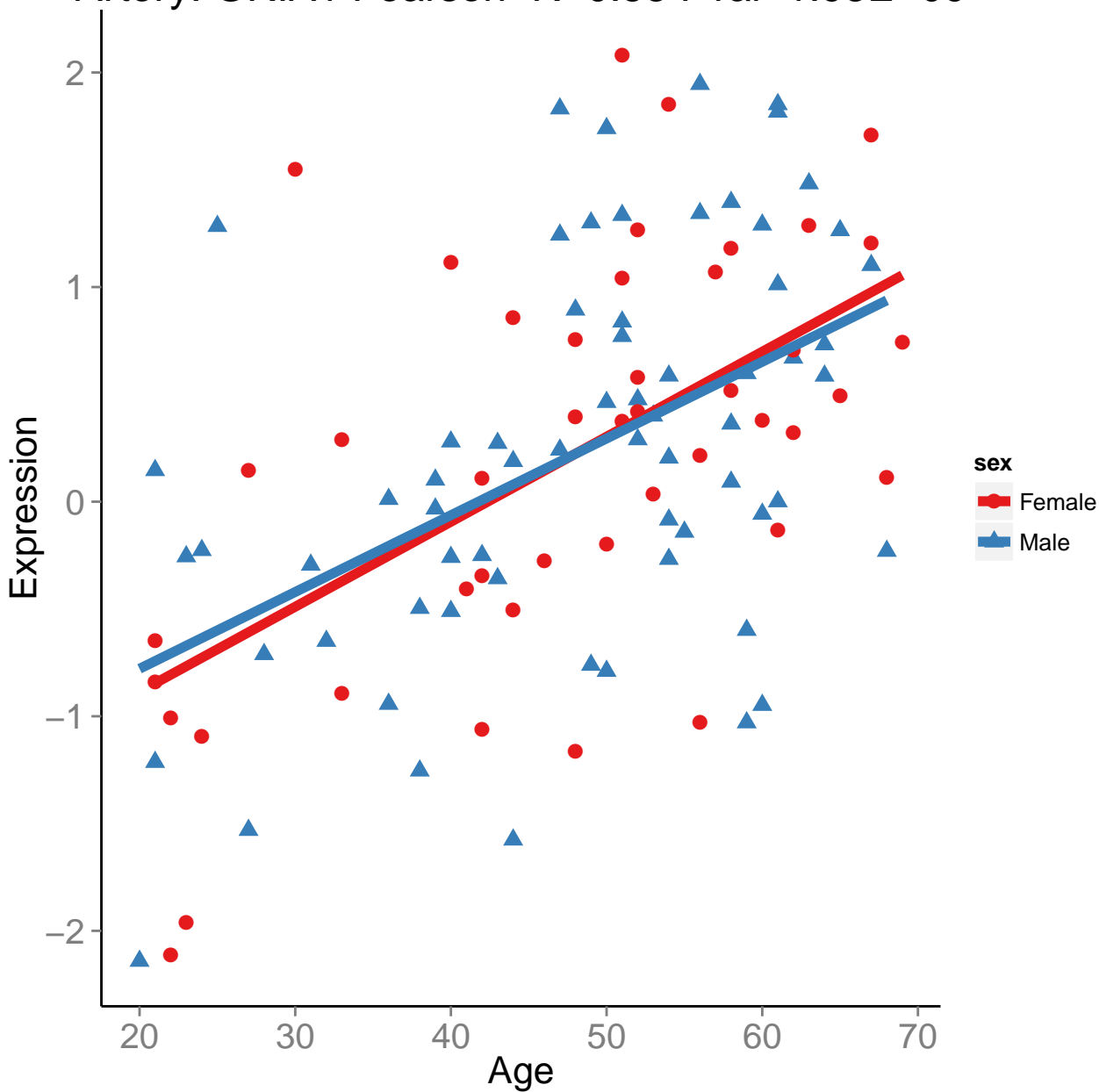
Artery: CCNL2 Pearson-R=0.54 Pval=1.16E-09



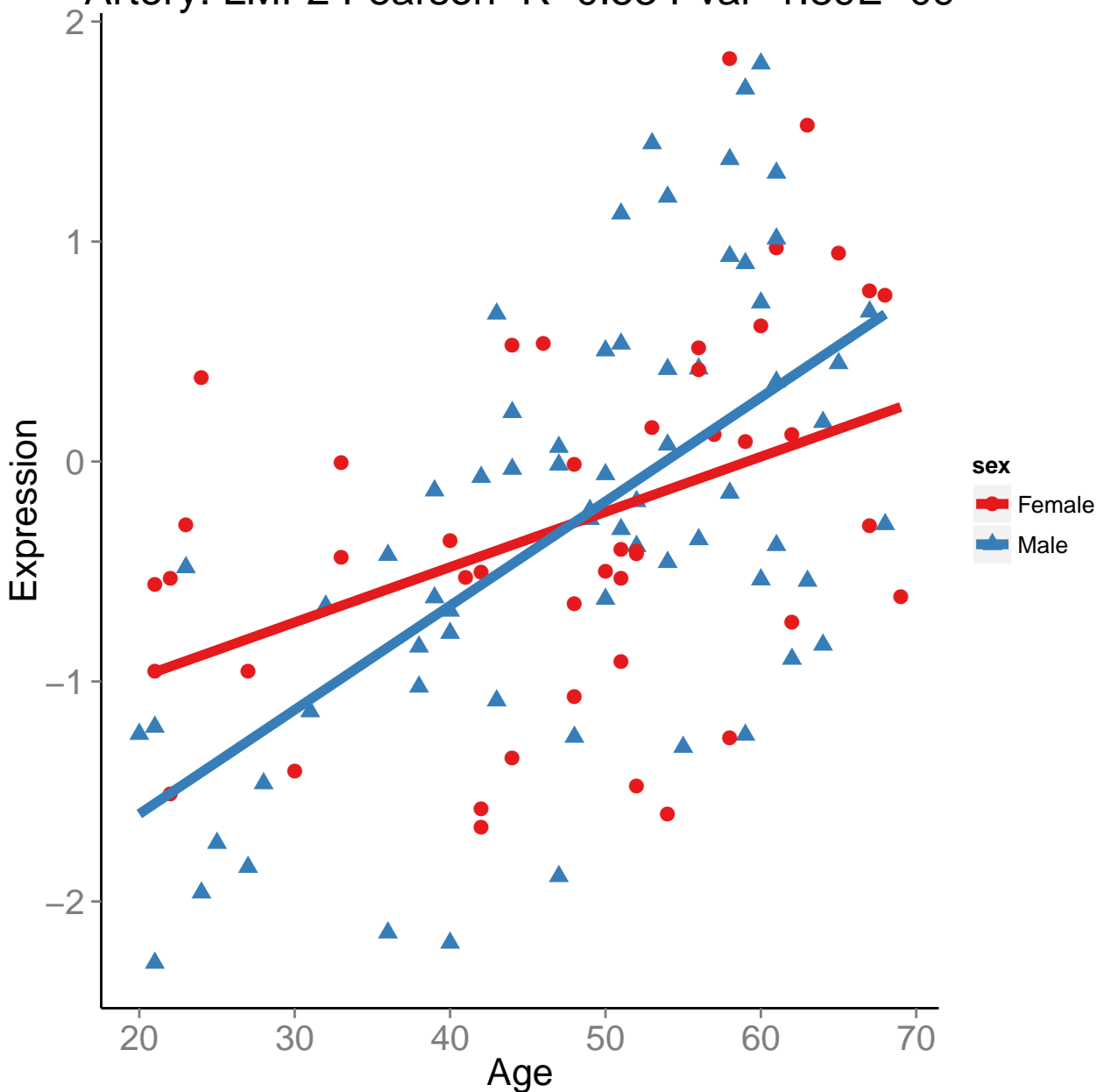
Artery: LMO3 Pearson-R=0.53 Pval=2.03E-09



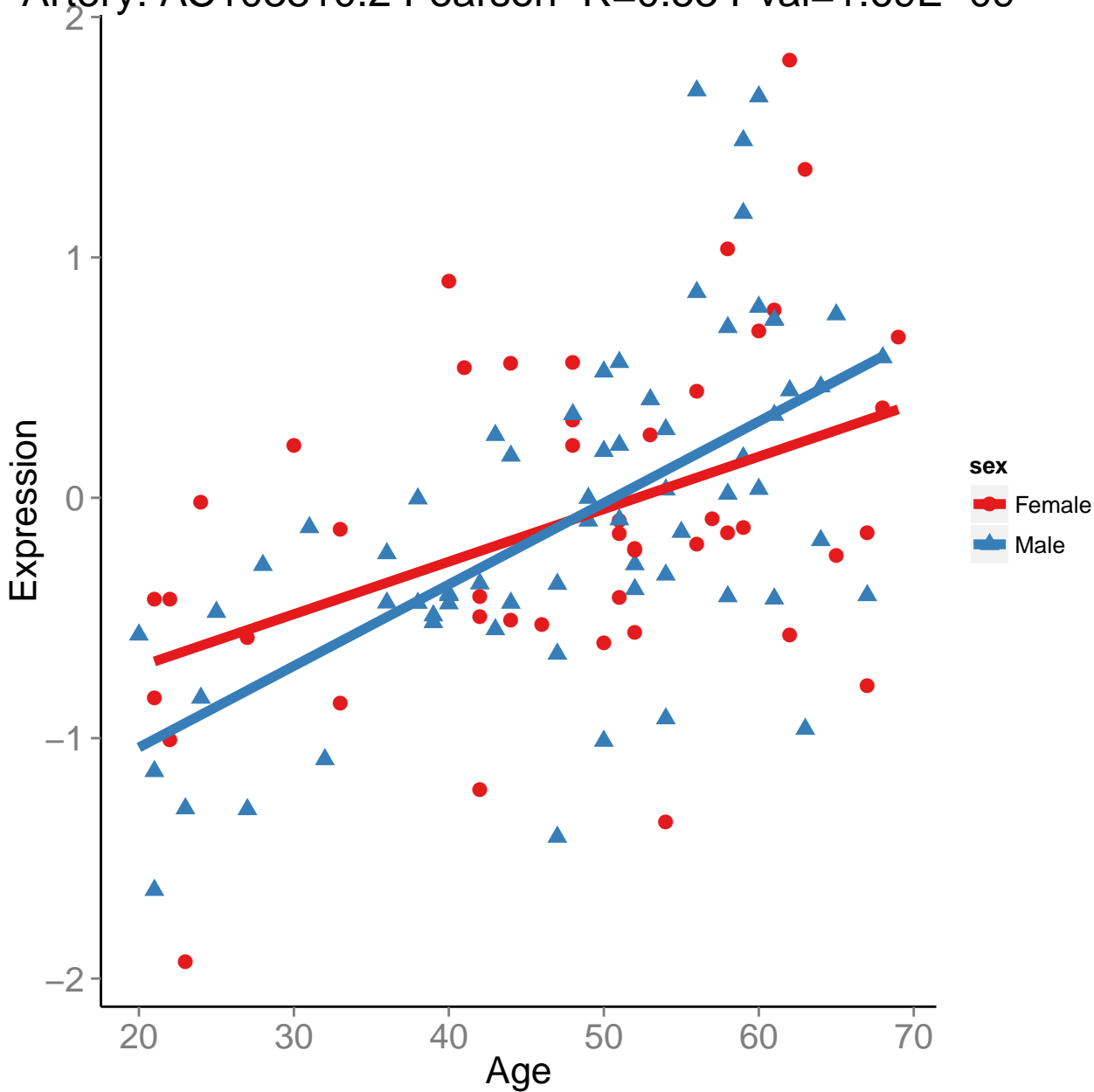
Artery: GRIA1 Pearson-R=0.53 Pval=1.93E-09



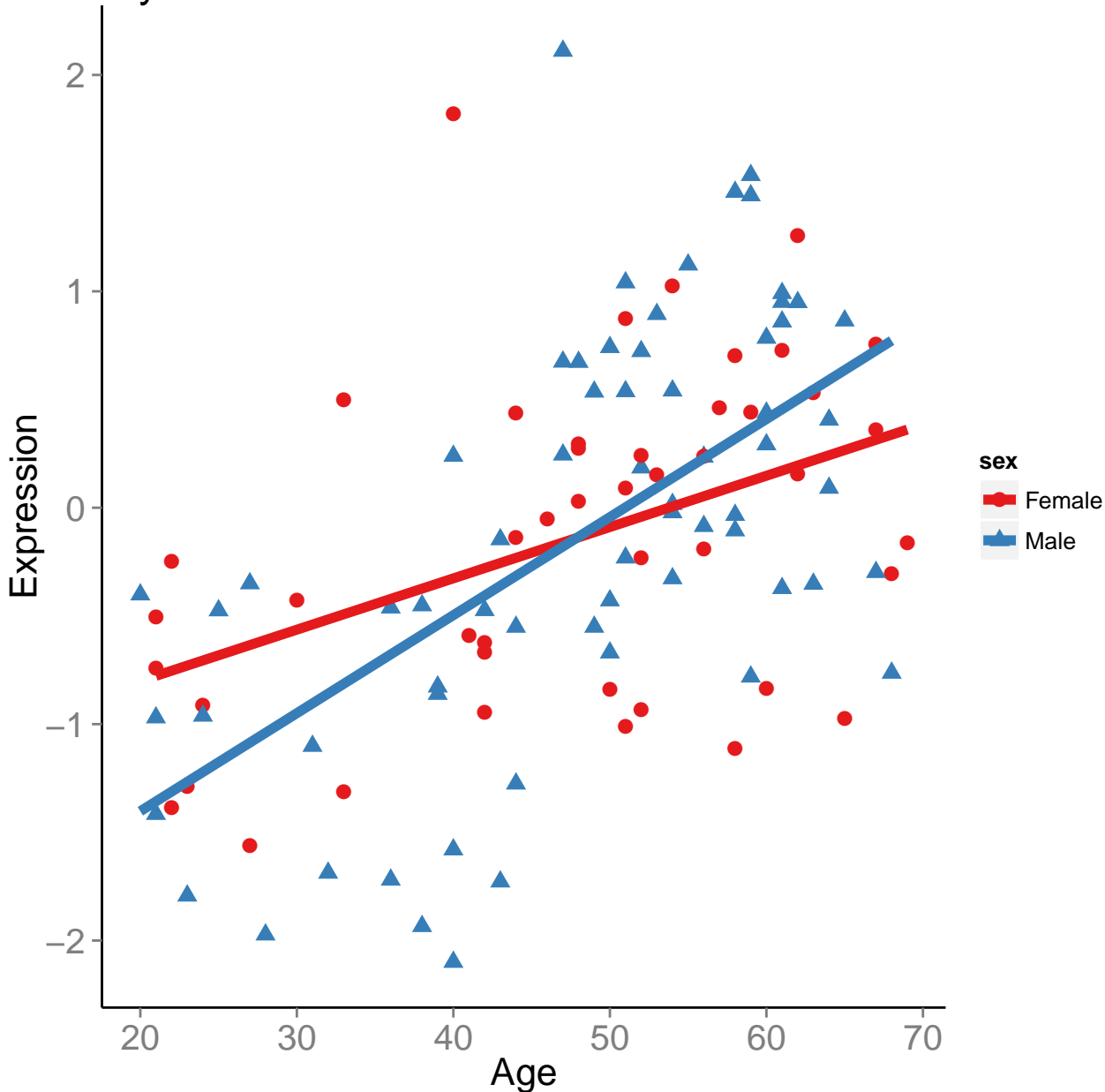
Artery: LMF2 Pearson-R=0.53 Pval=1.89E-09



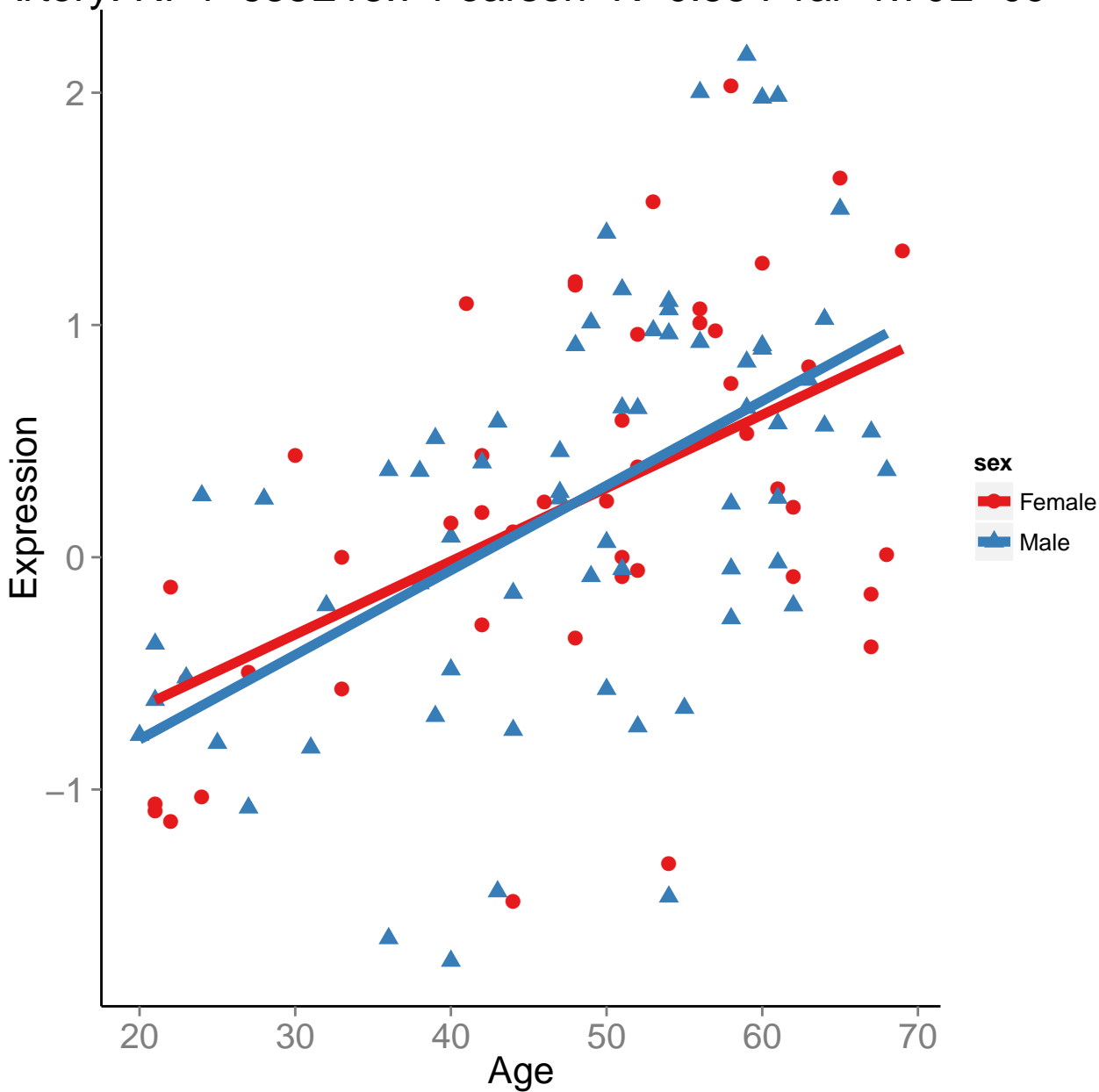
Artery: AC103810.2 Pearson-R=0.53 Pval=1.69E-09



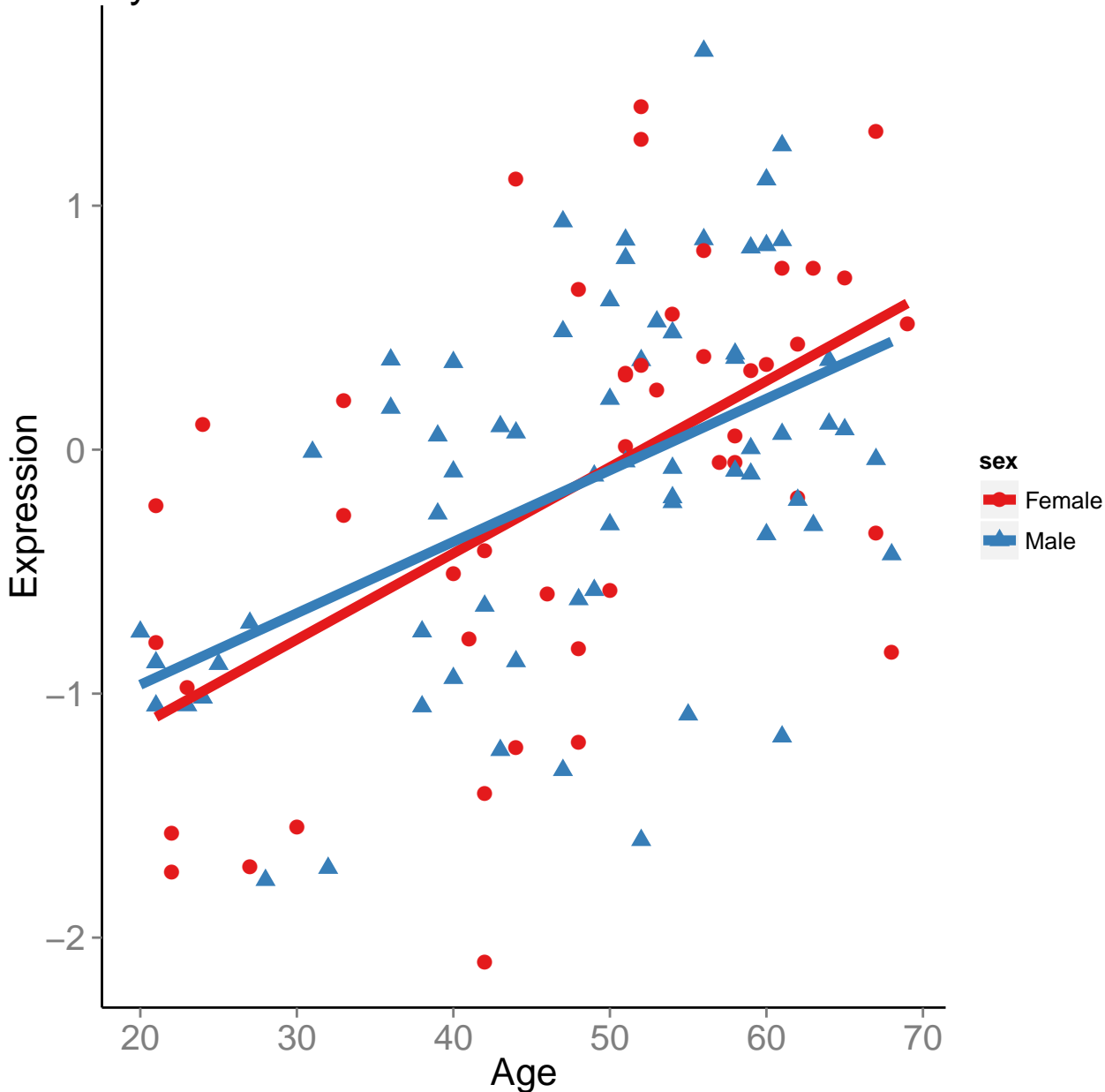
Artery: KIAA1598 Pearson-R=0.53 Pval=1.88E-09



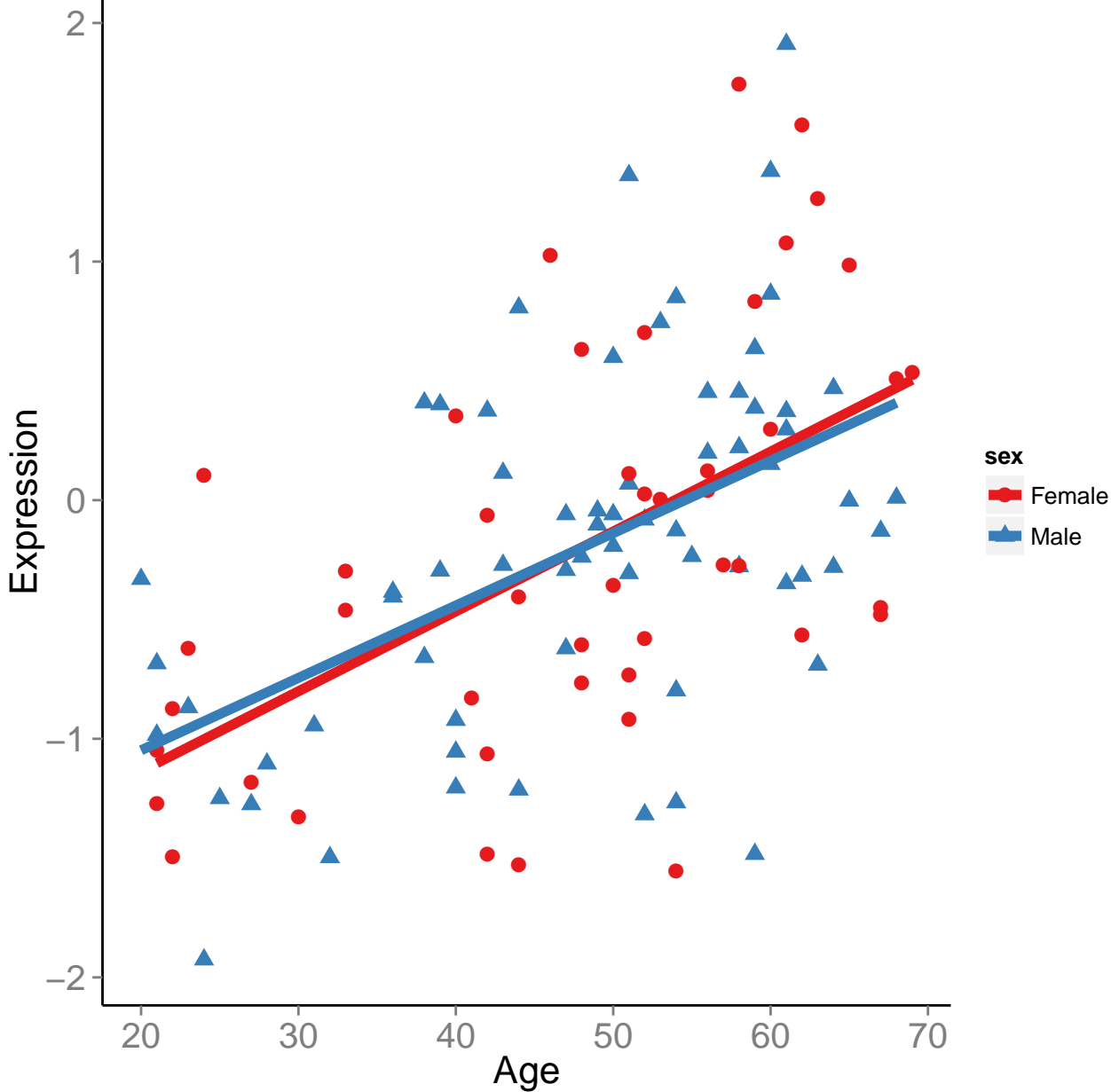
Artery: RP4-635E18.7 Pearson-R=0.53 Pval=1.70E-09



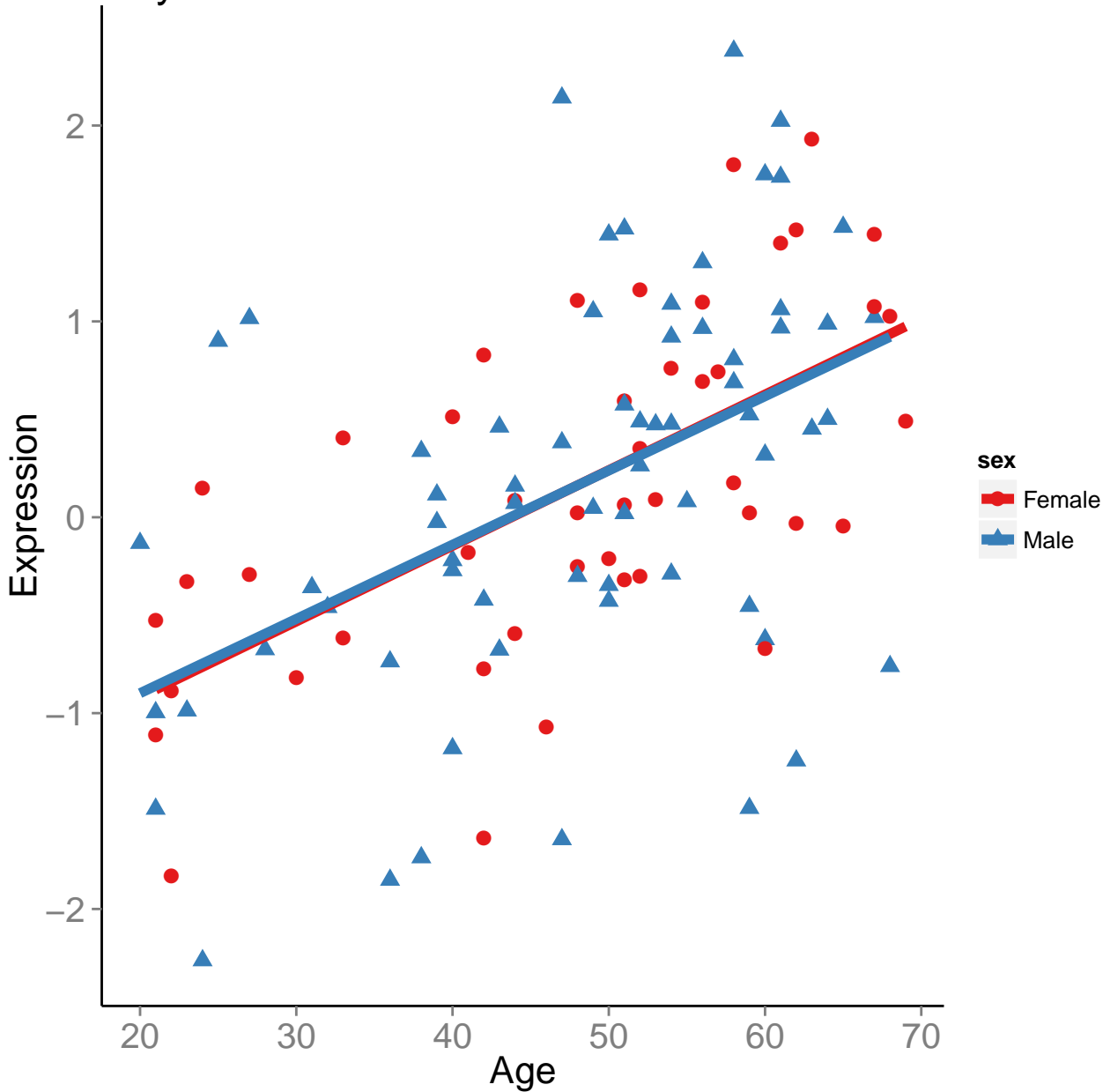
Artery: PPP1R13L Pearson-R=0.53 Pval=2.03E-09



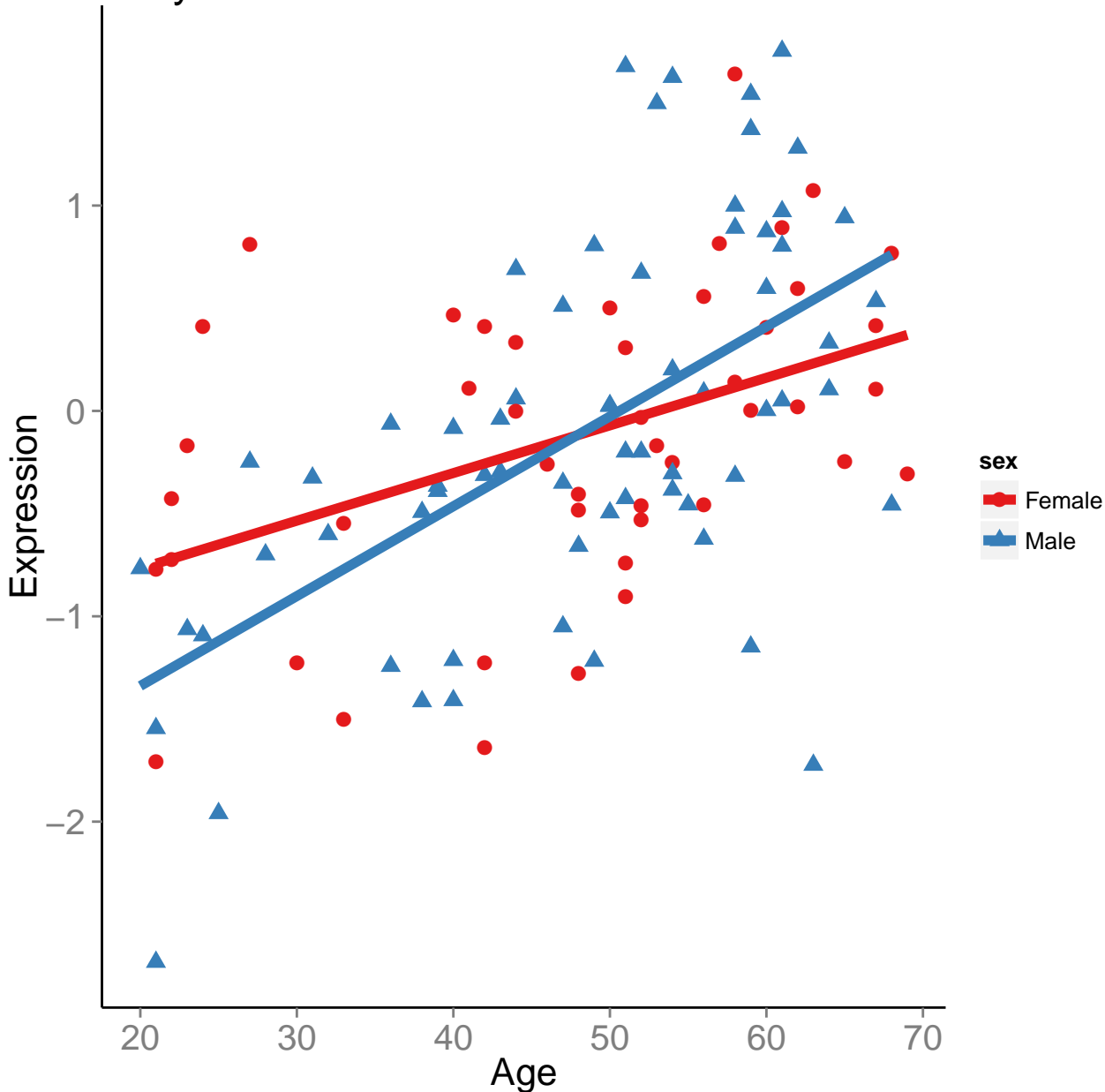
Artery: CDK9 Pearson-R=0.53 Pval=1.92E-09



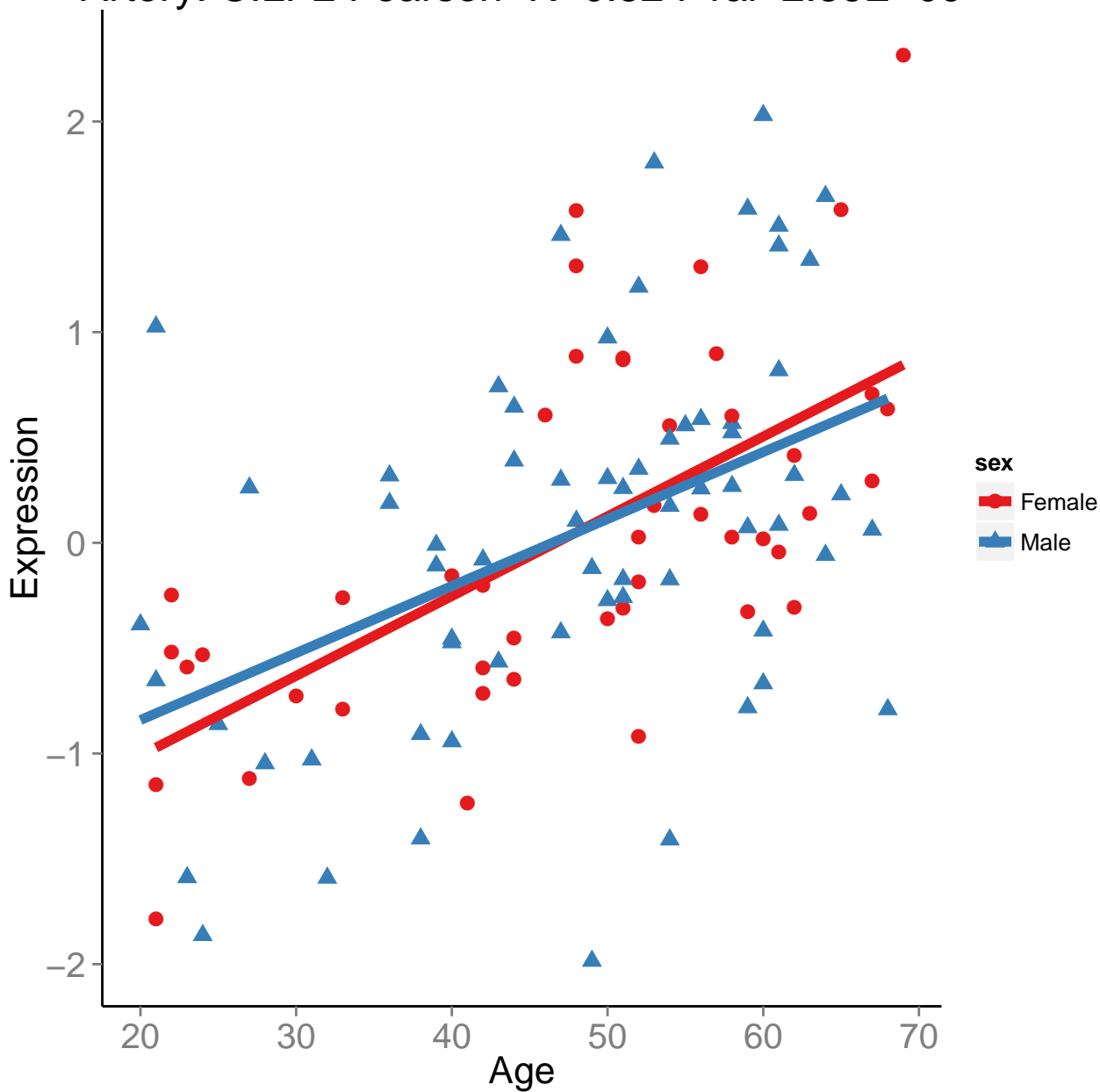
Artery: EPS8L2 Pearson-R=0.53 Pval=2.15E-09



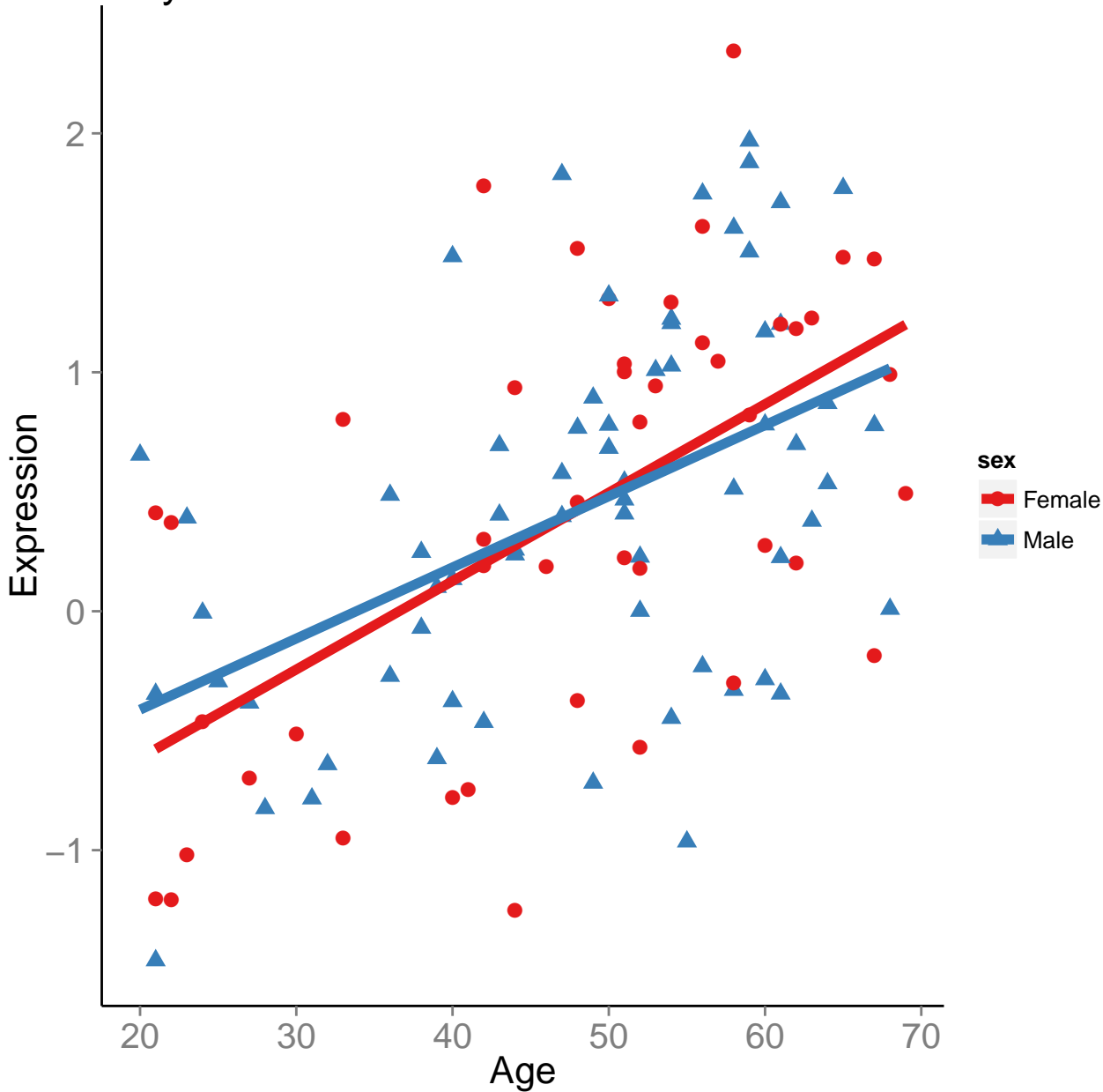
Artery: ITGB7 Pearson-R=0.53 Pval=2.53E-09



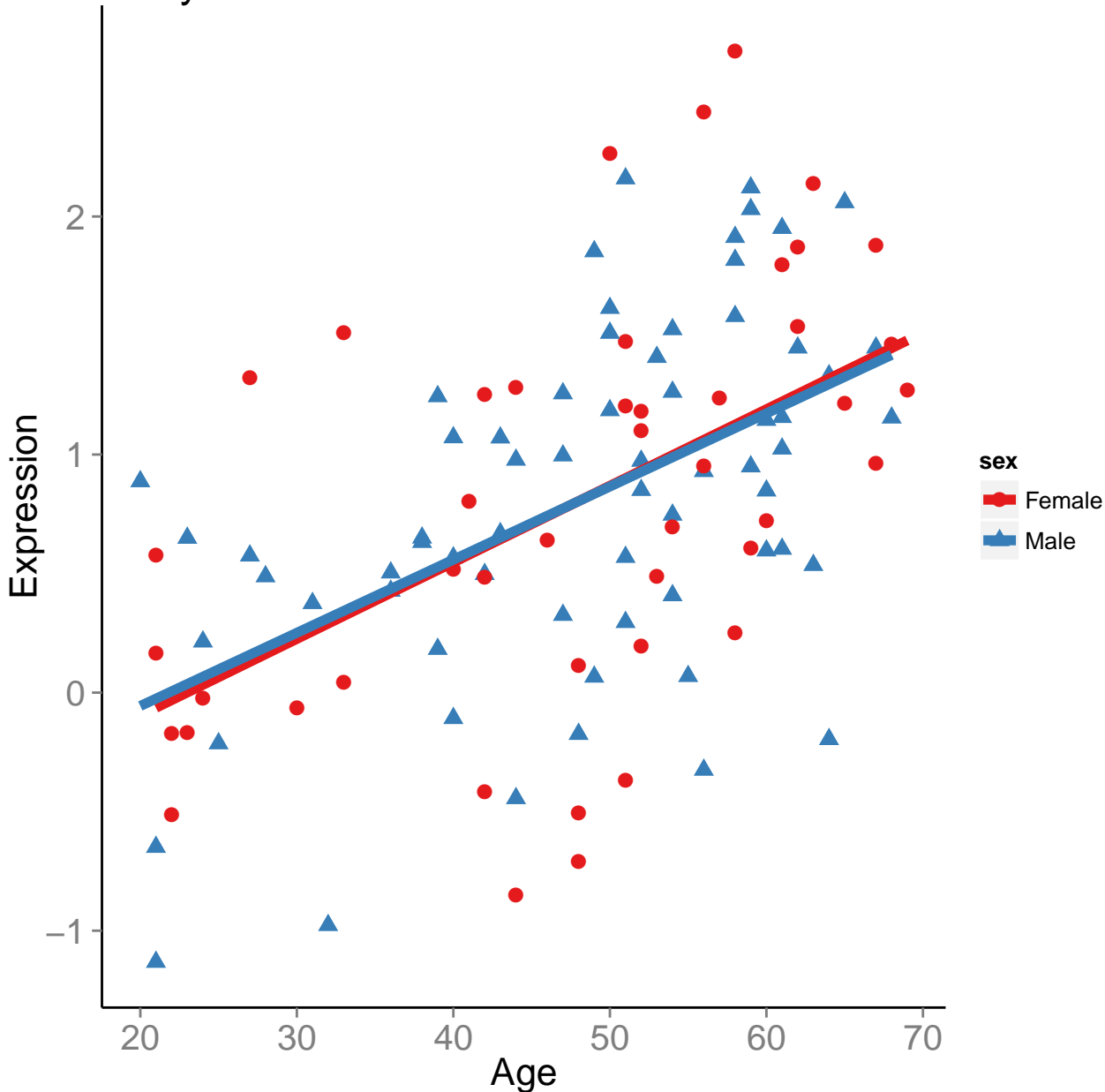
Artery: CILP2 Pearson-R=0.52 Pval=2.86E-09



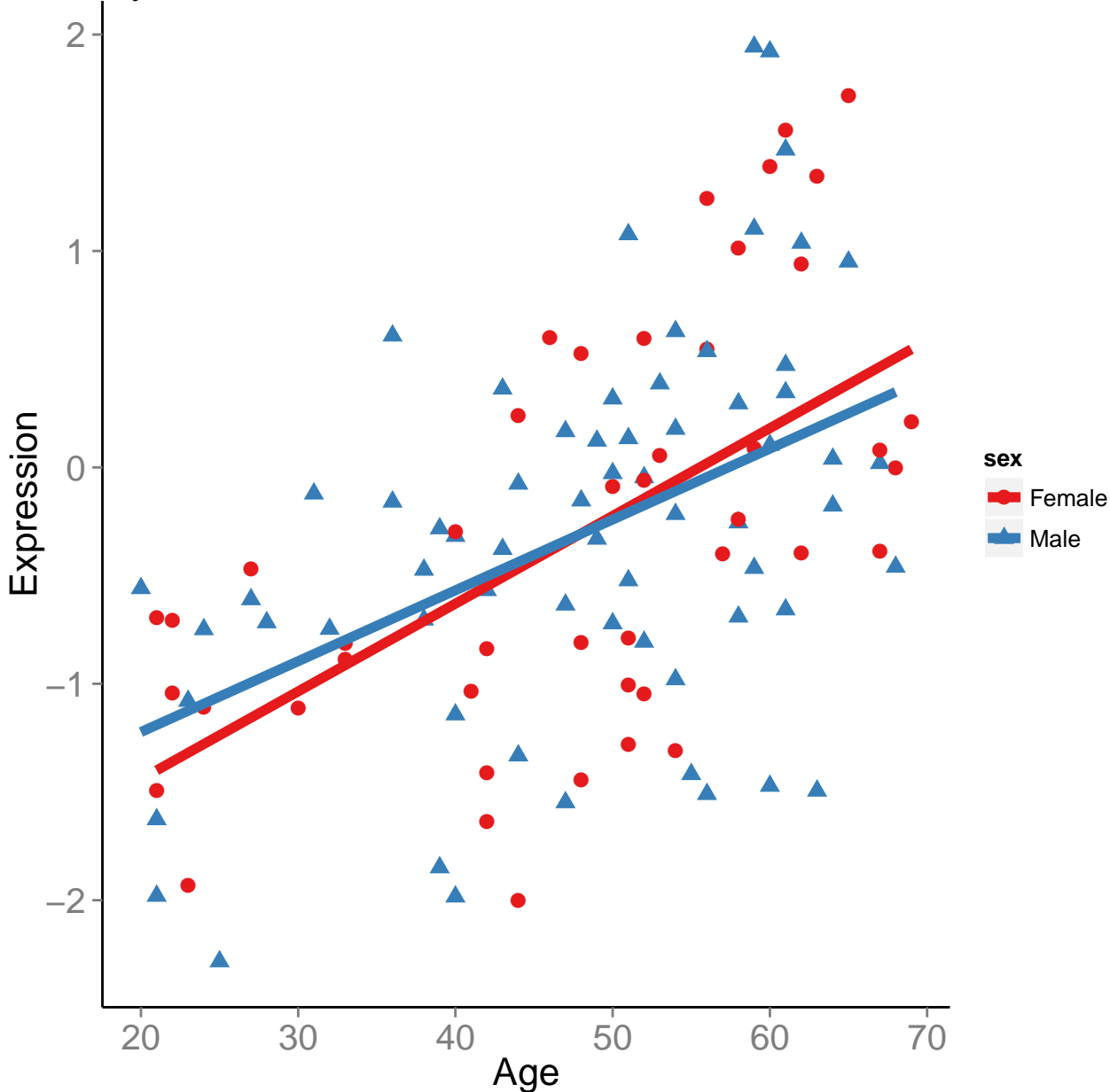
Artery: CXCR4 Pearson-R=0.52 Pval=3.01E-09



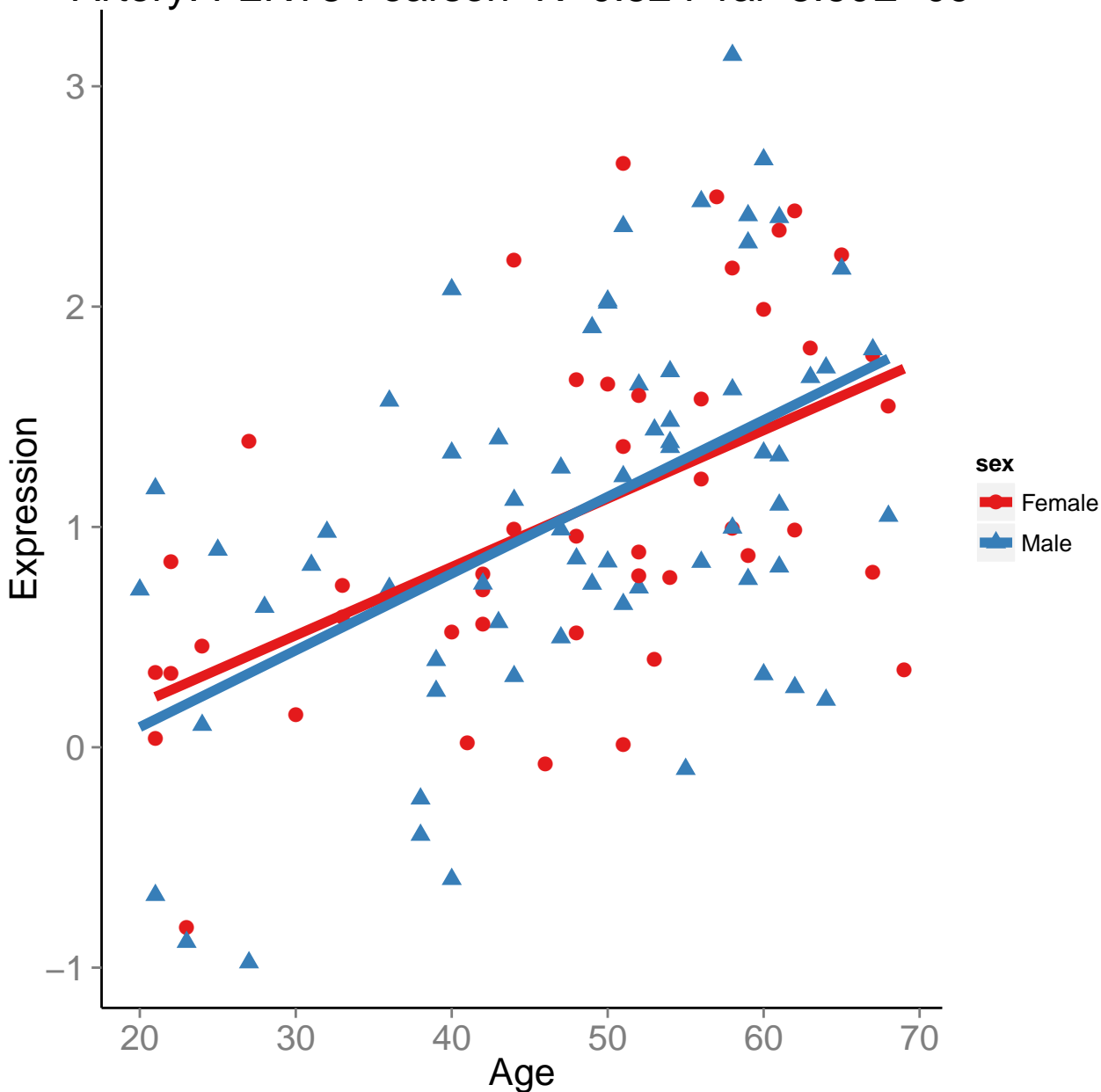
Artery: CCL5 Pearson-R=0.52 Pval=3.39E-09



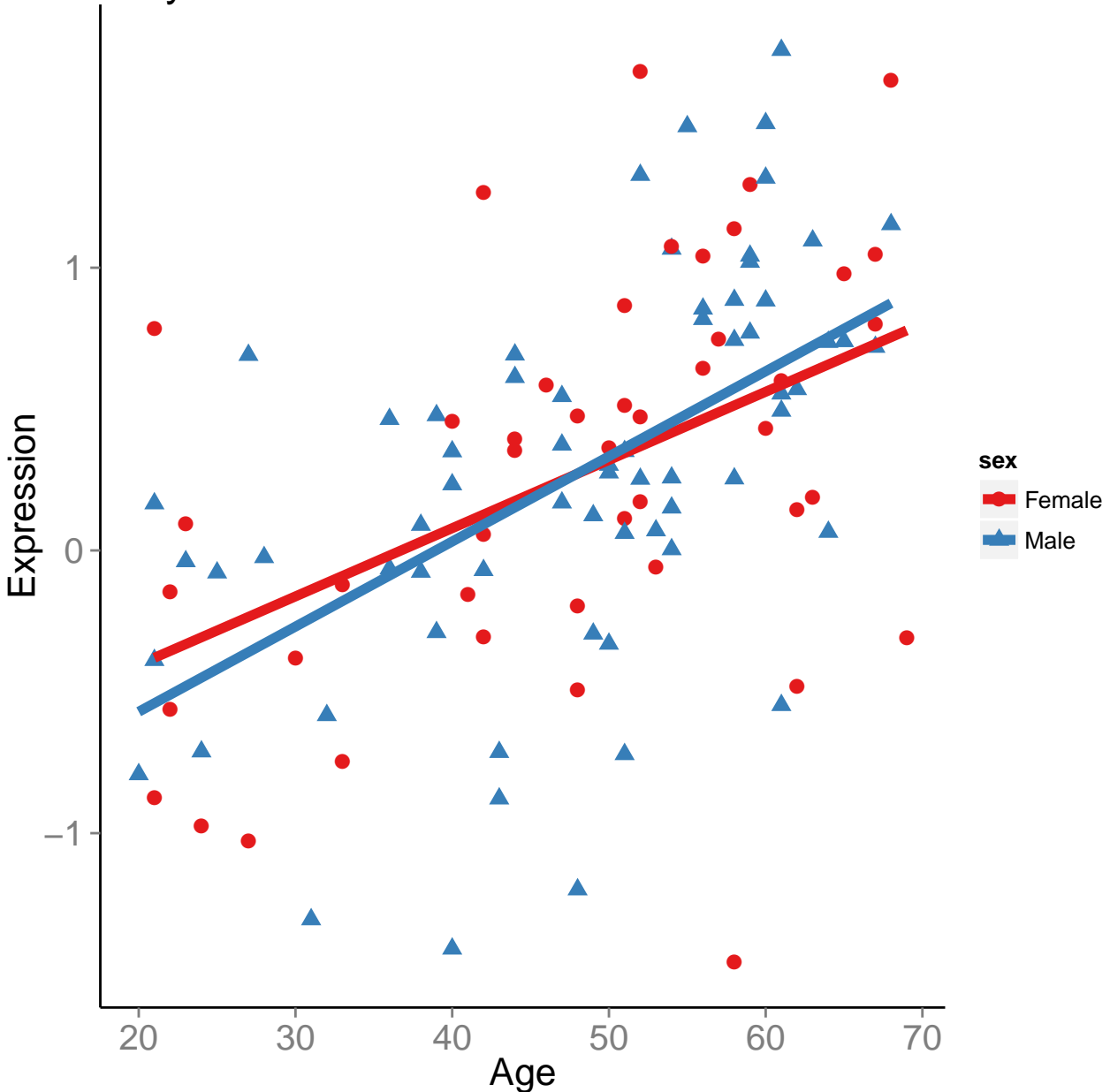
Artery: MAPK8IP3 Pearson-R=0.52 Pval=3.40E-09



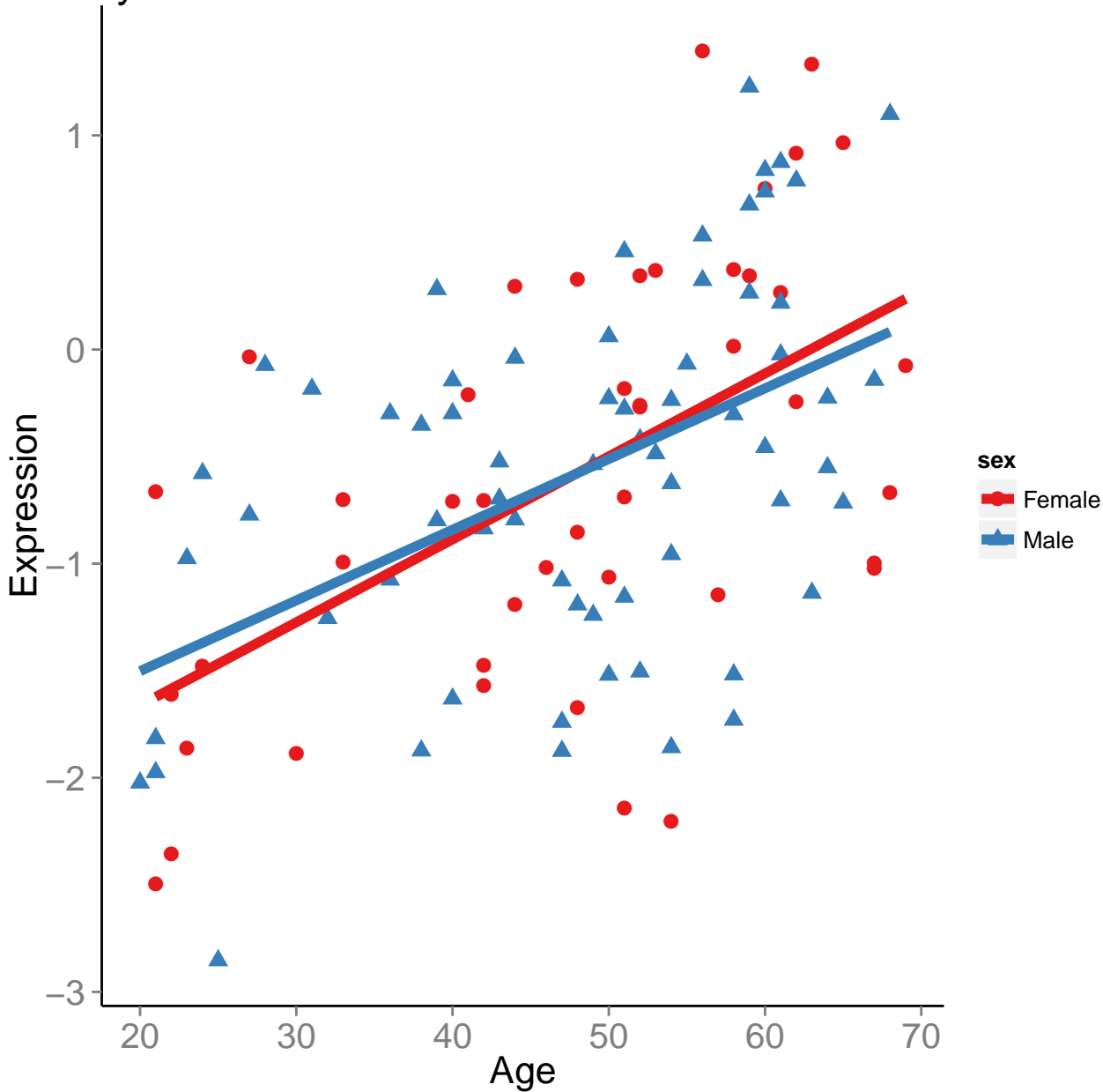
Artery: P2RY8 Pearson-R=0.52 Pval=3.60E-09



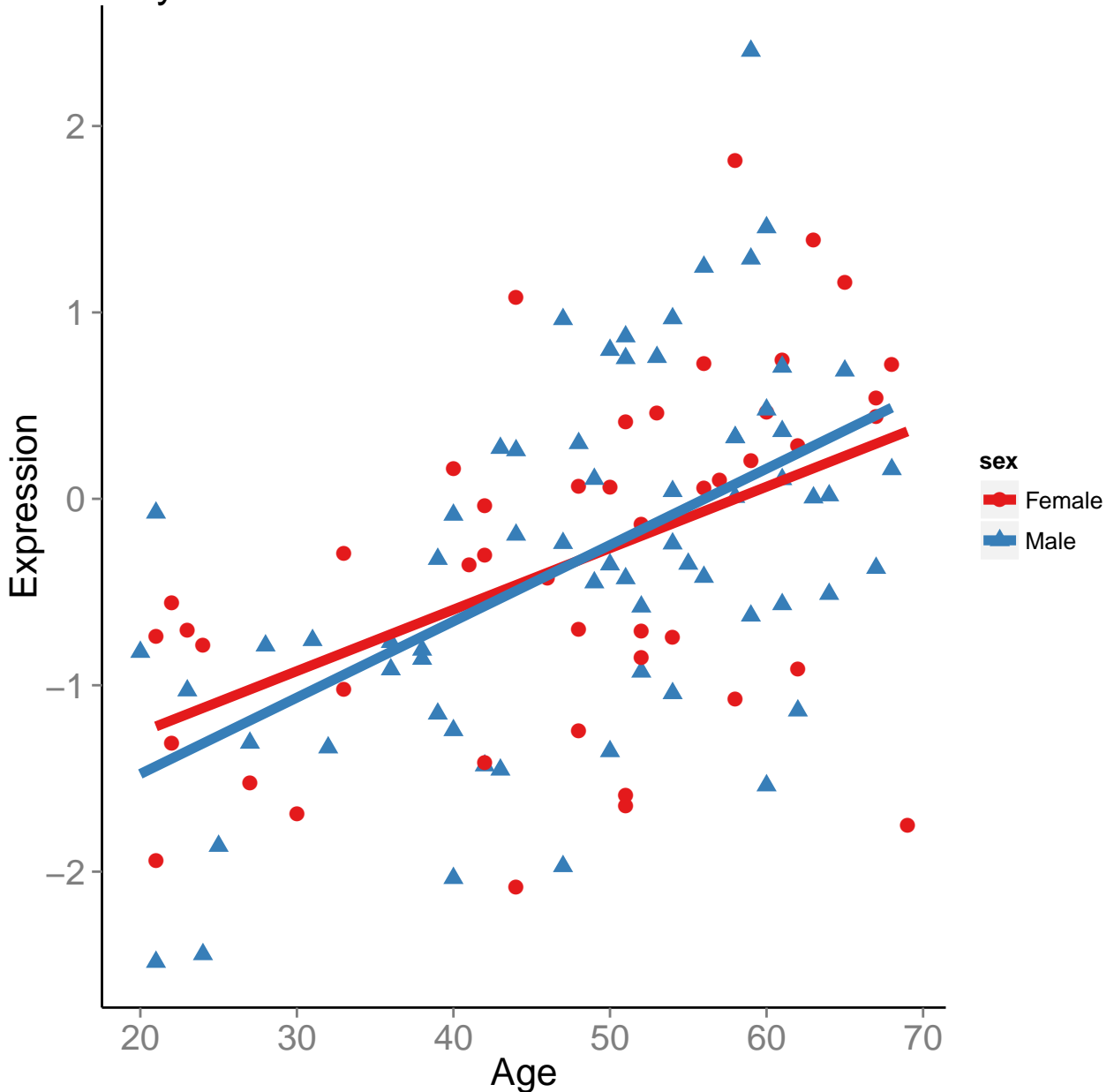
Artery: ZMAT3 Pearson-R=0.52 Pval=4.61E-09



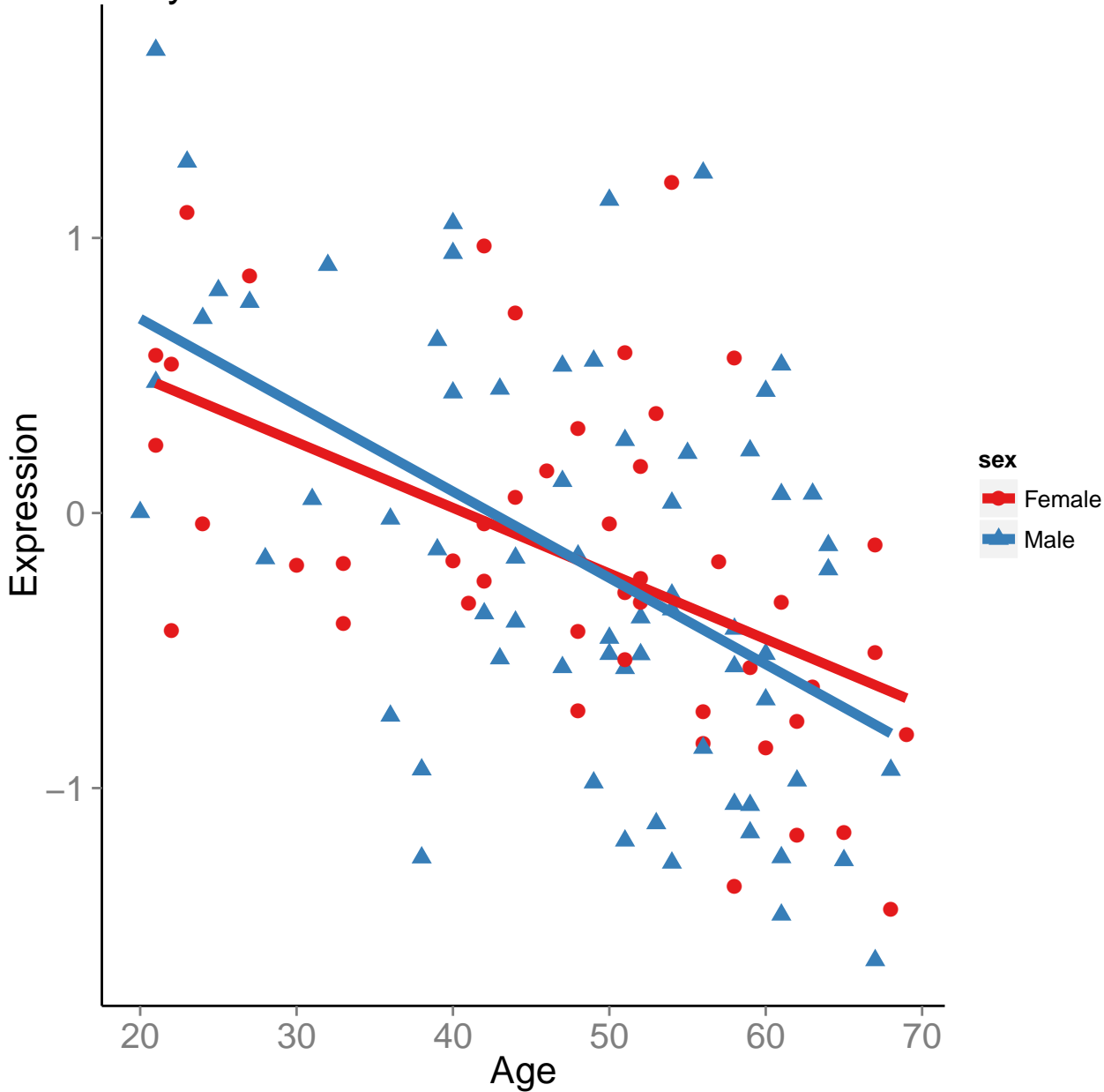
Artery: AC005726.6 Pearson-R=0.52 Pval=4.70E-09



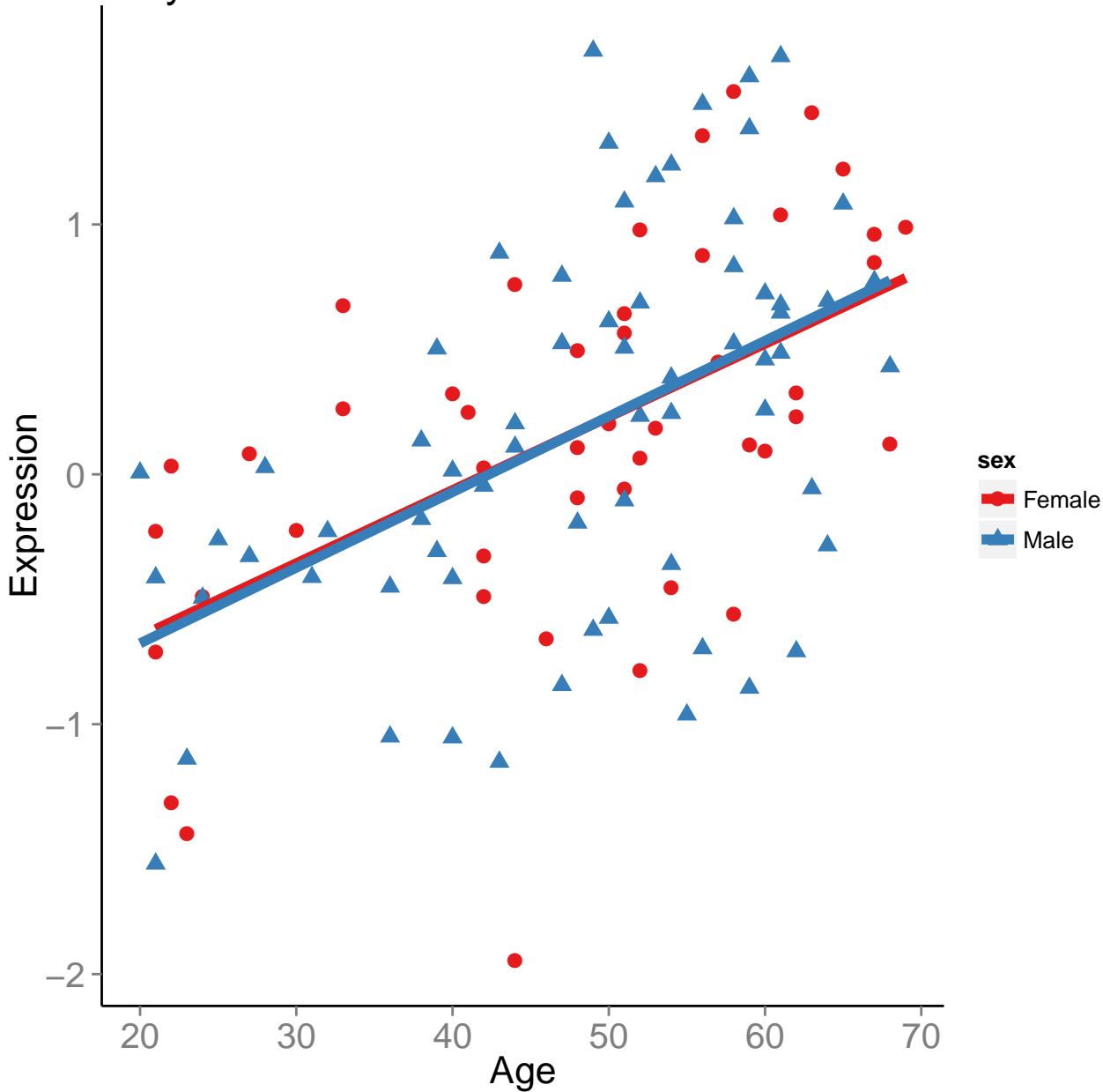
Artery: TCIRG1 Pearson-R=0.52 Pval=4.41E-09



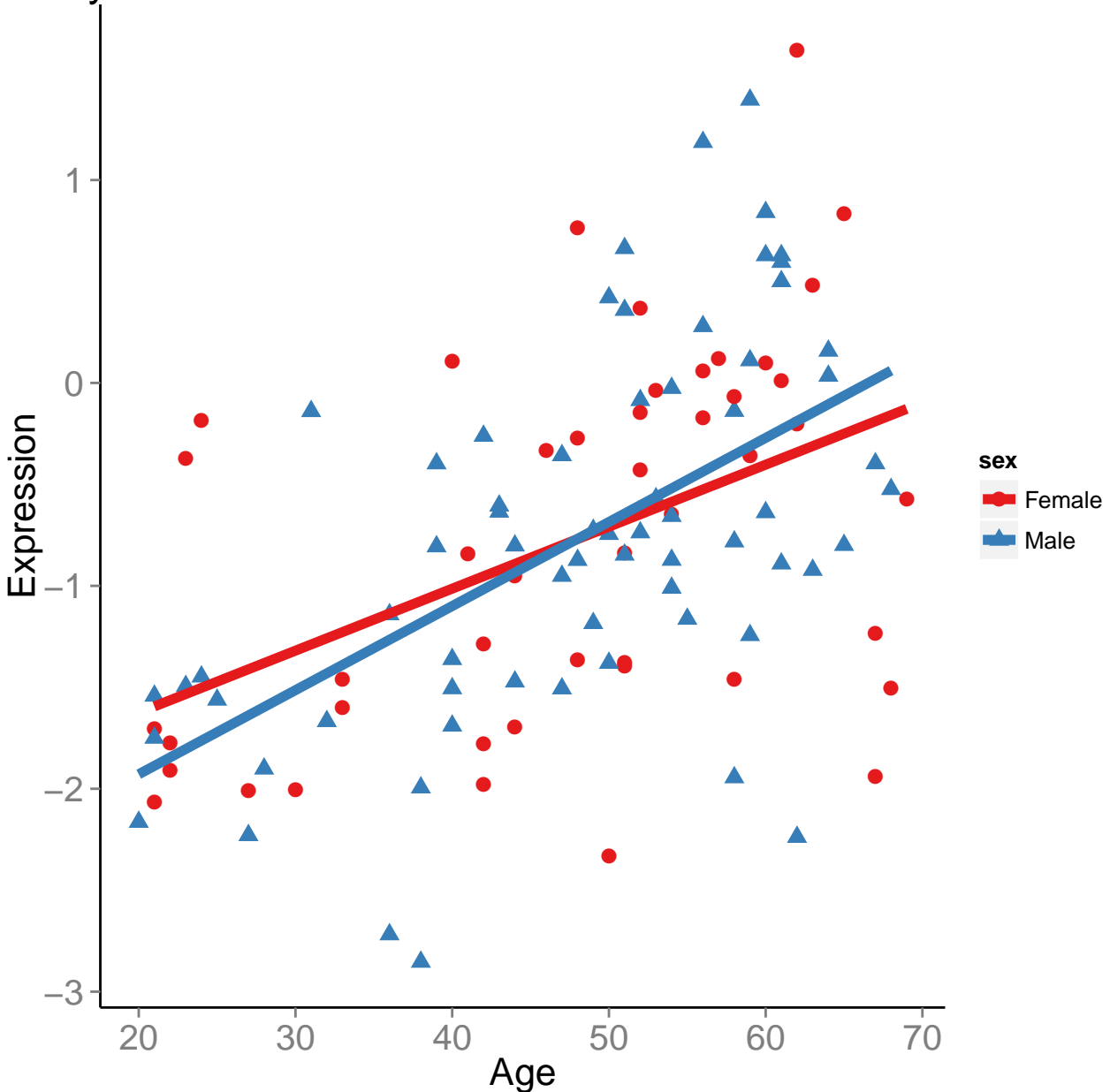
Artery: CUL2 Pearson-R=-0.52 Pval=4.23E-09



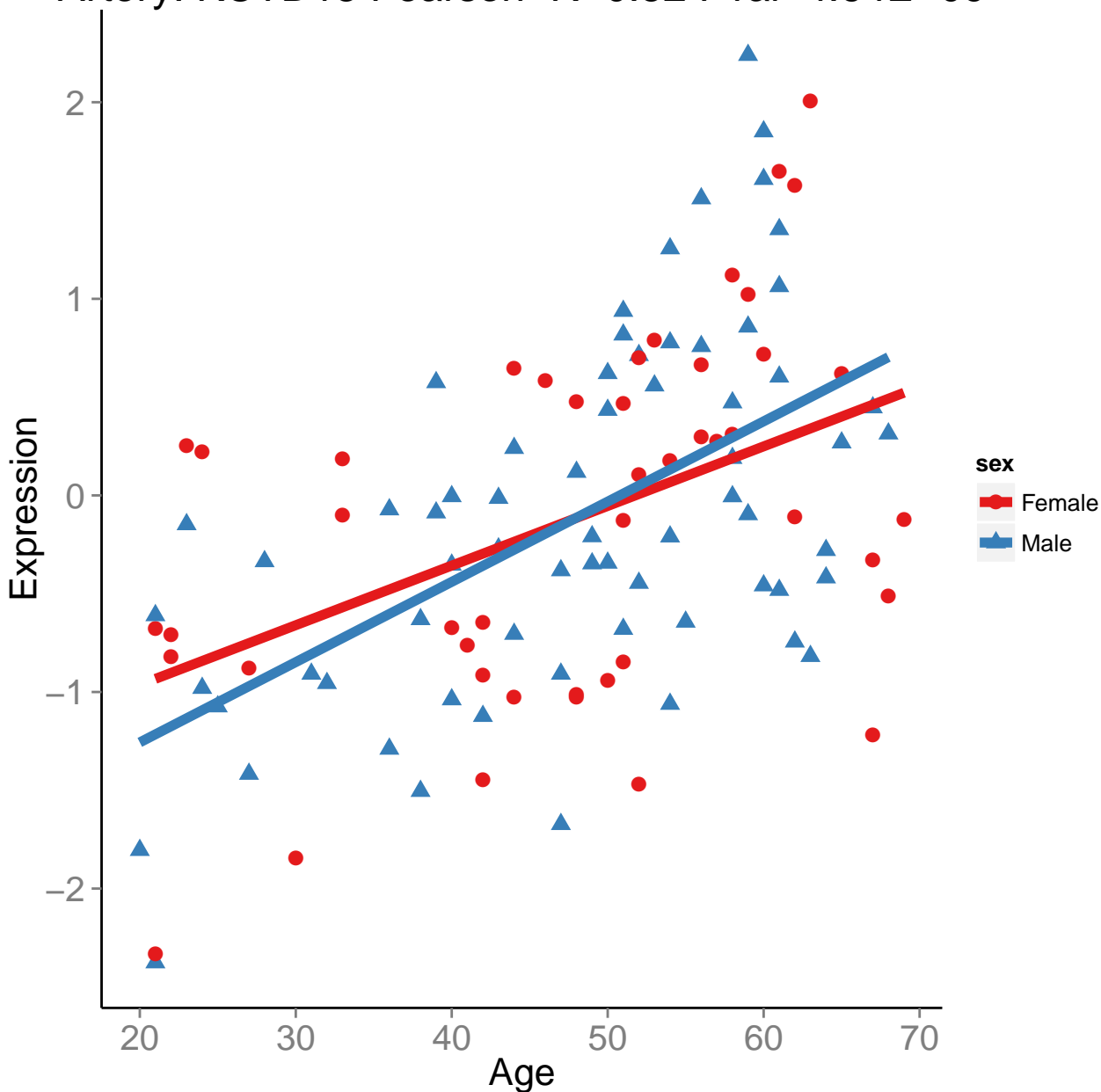
Artery: NLRP1 Pearson-R=0.52 Pval=4.38E-09



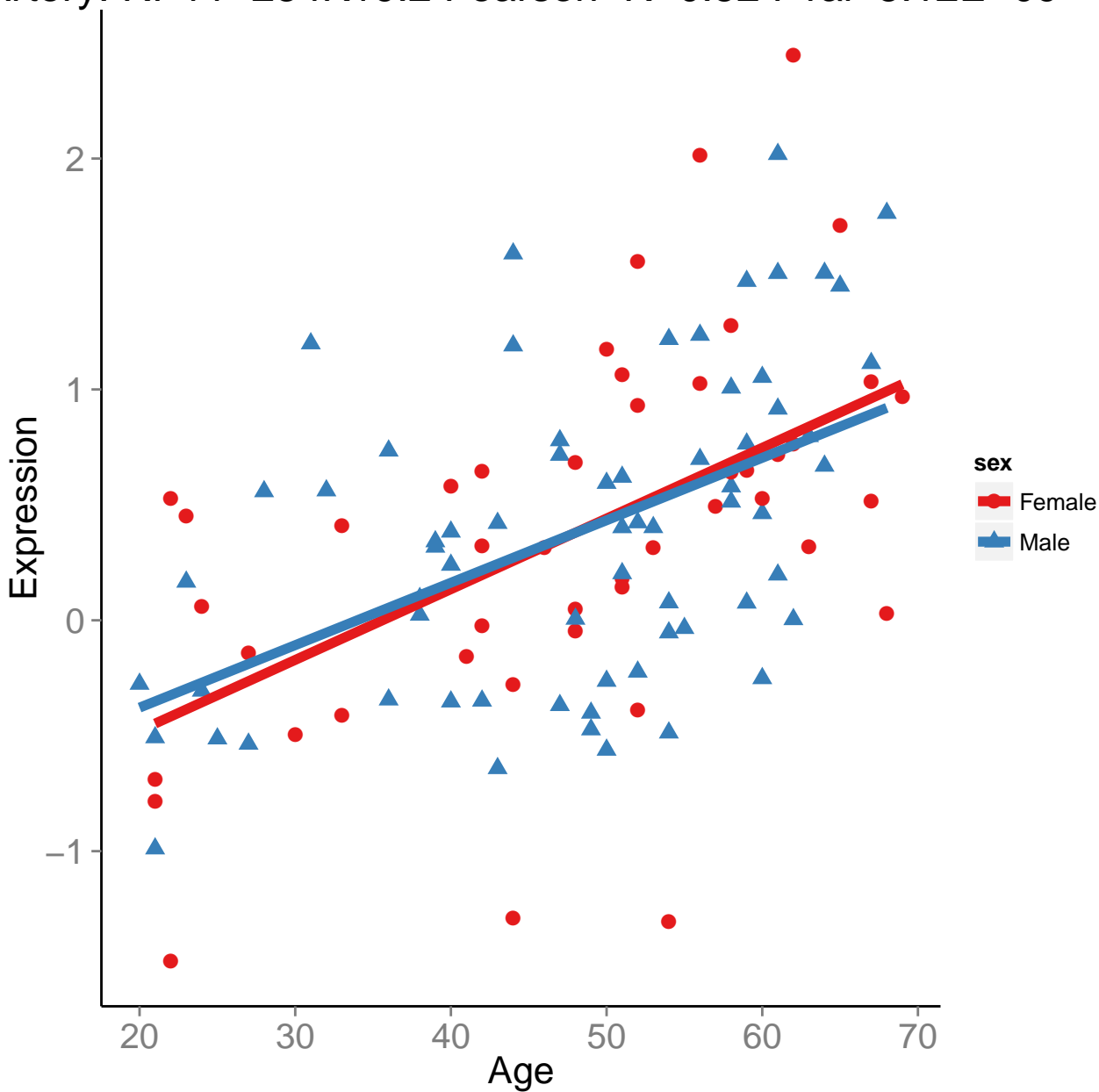
Artery: RP3-499B10.4 Pearson-R=0.52 Pval=4.14E-09



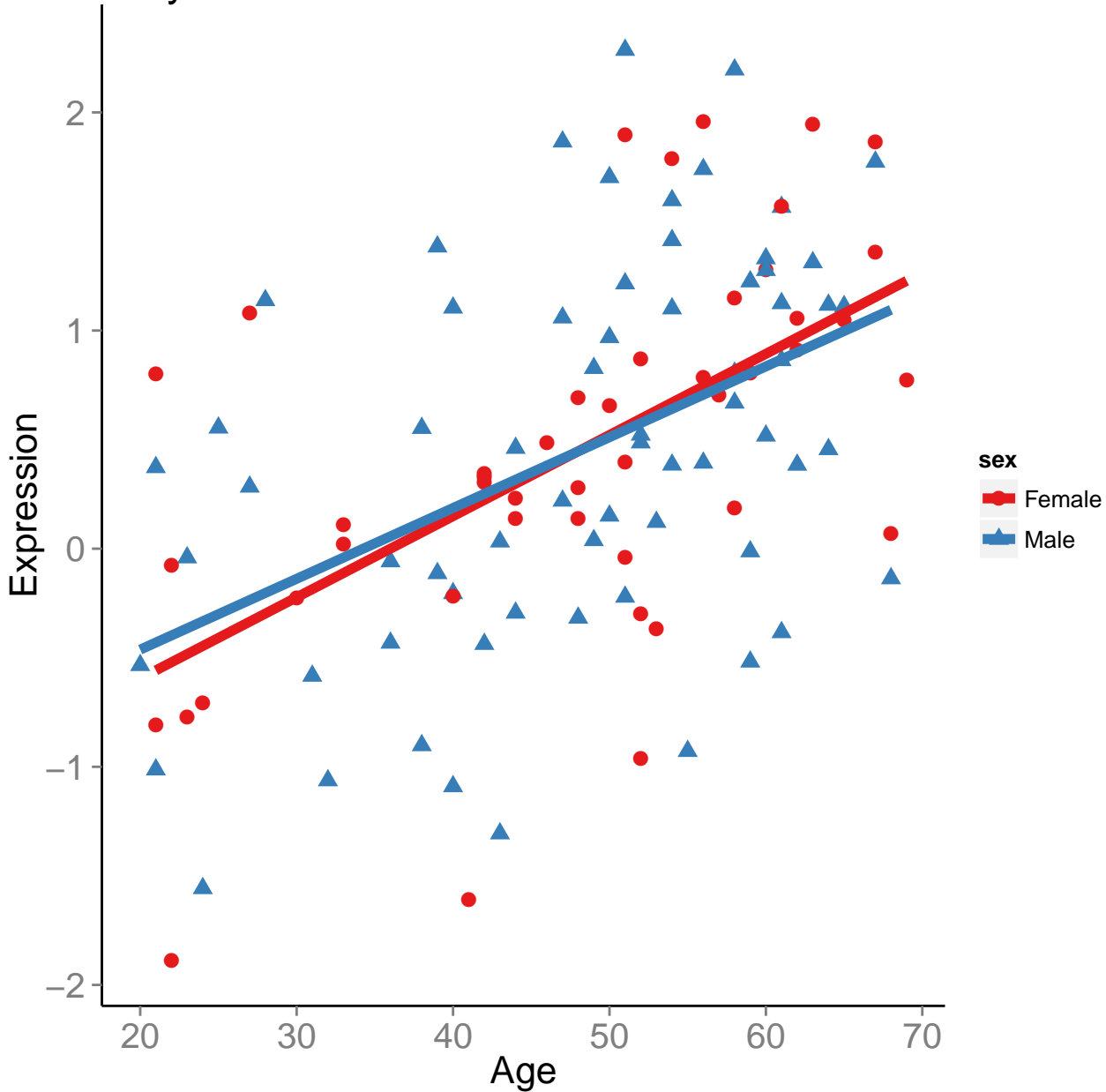
Artery: KCTD13 Pearson-R=0.52 Pval=4.64E-09



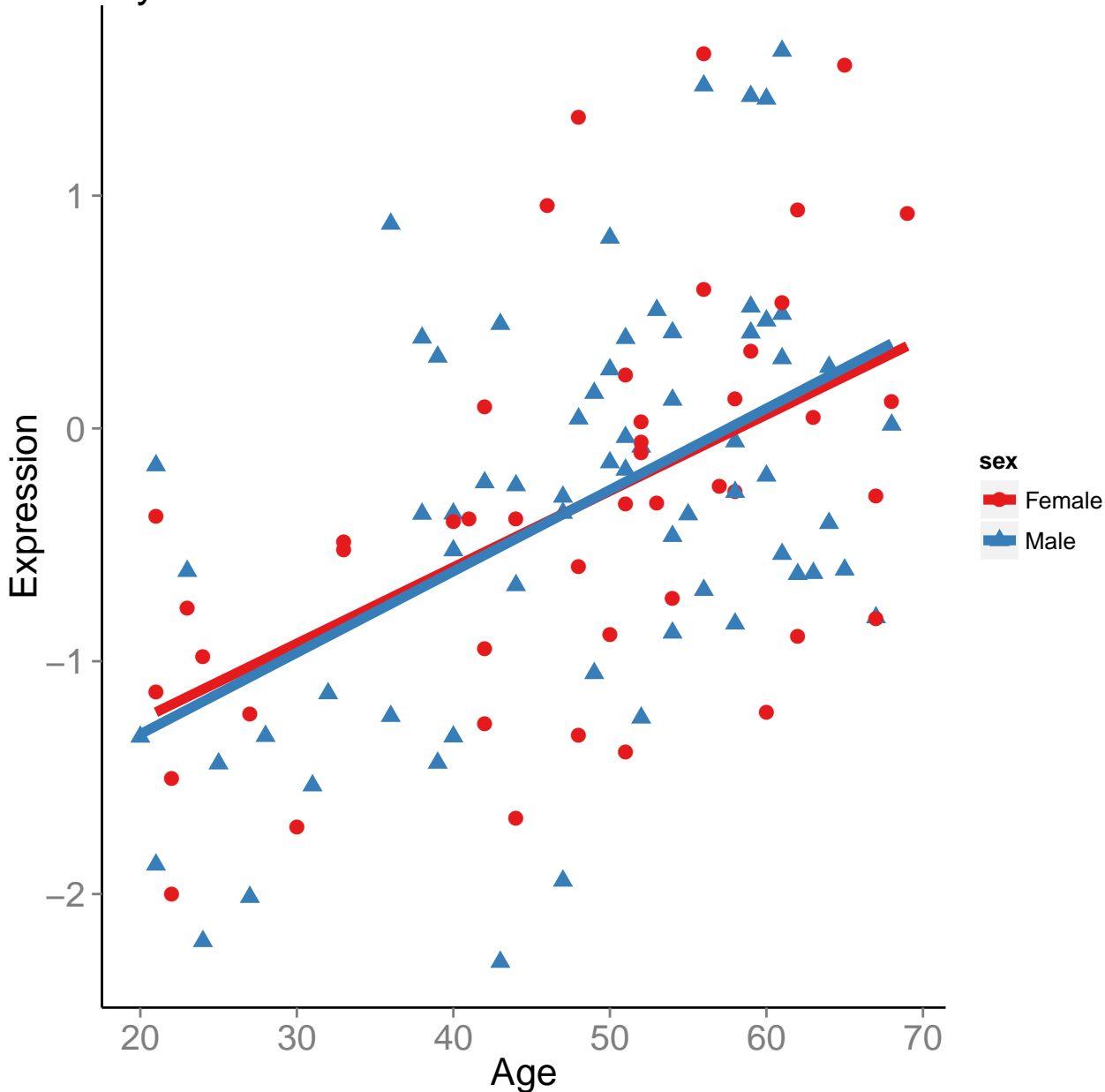
Artery: RP11-234K19.2 Pearson-R=0.52 Pval=5.12E-09



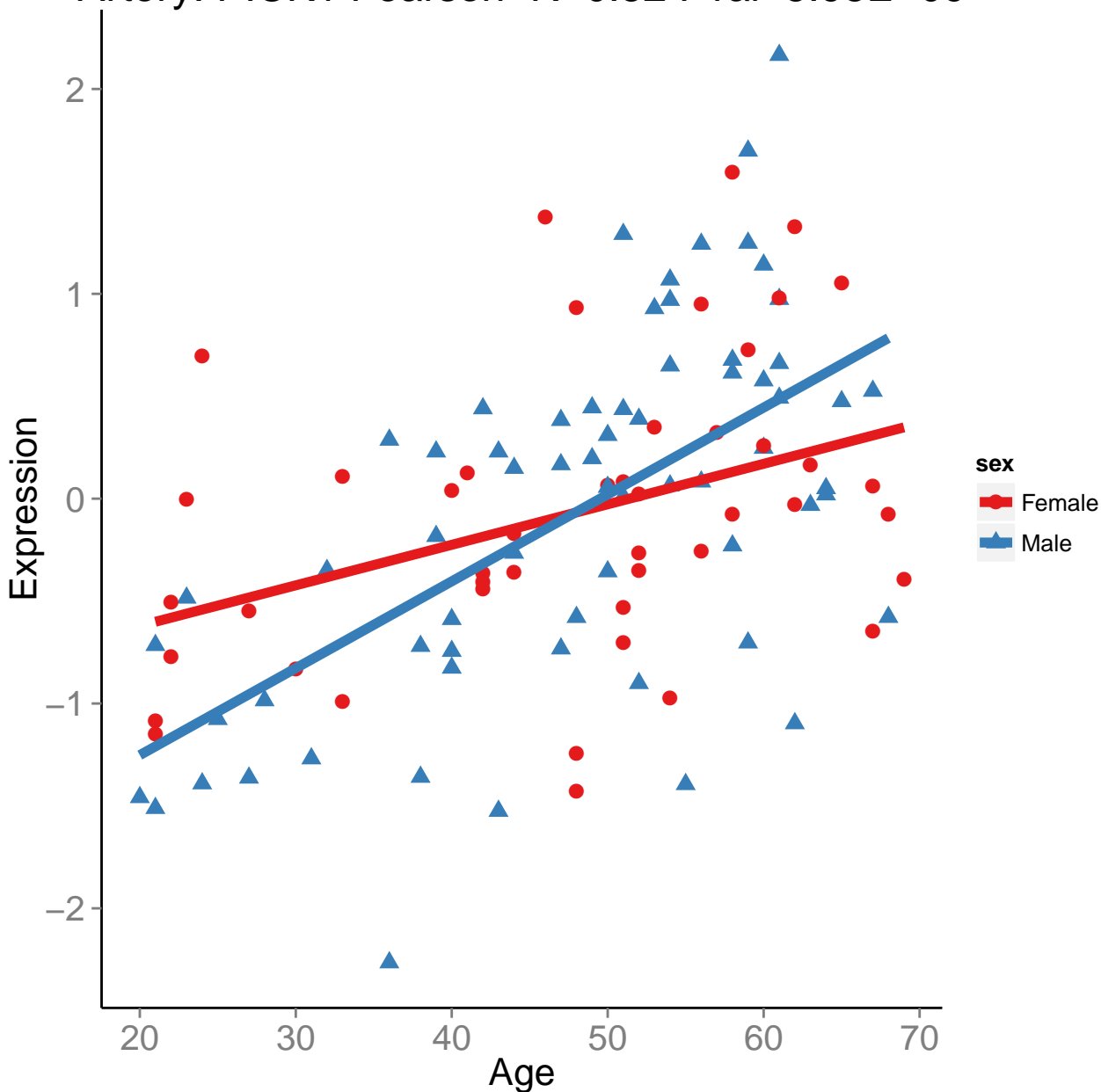
Artery: NPAS1 Pearson-R=0.52 Pval=5.43E-09



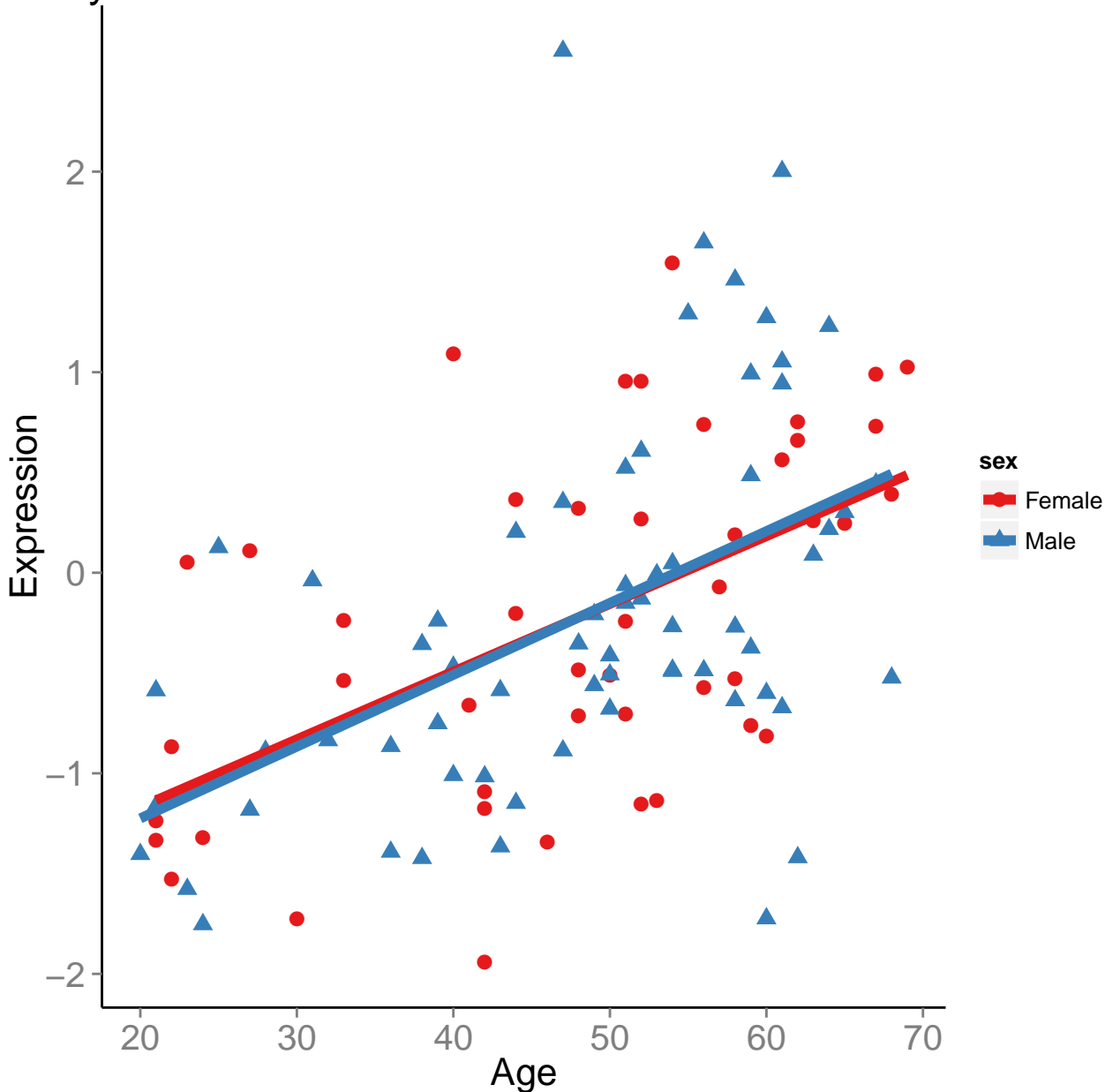
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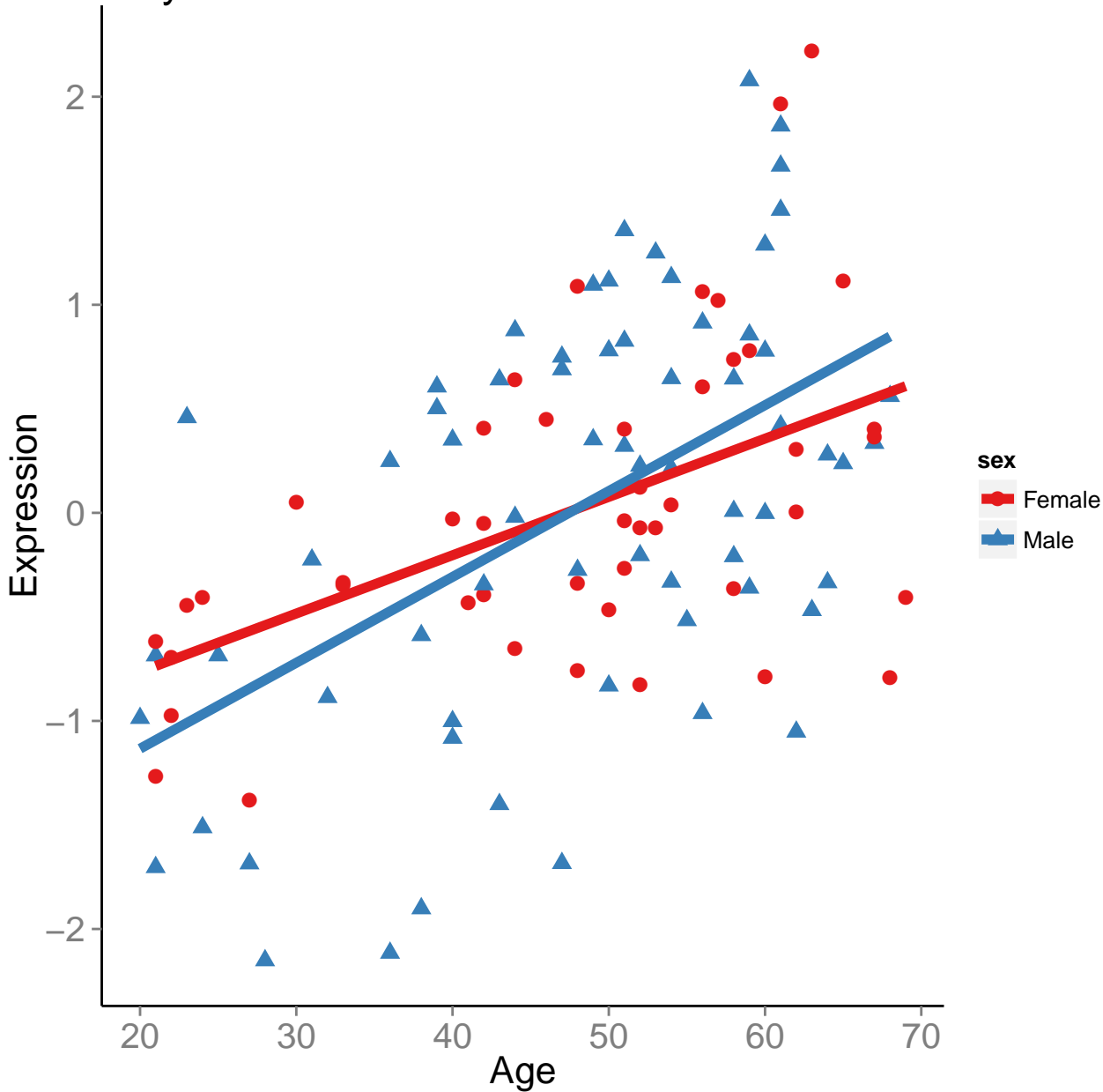
Artery: PICK1 Pearson-R=0.52 Pval=5.98E-09



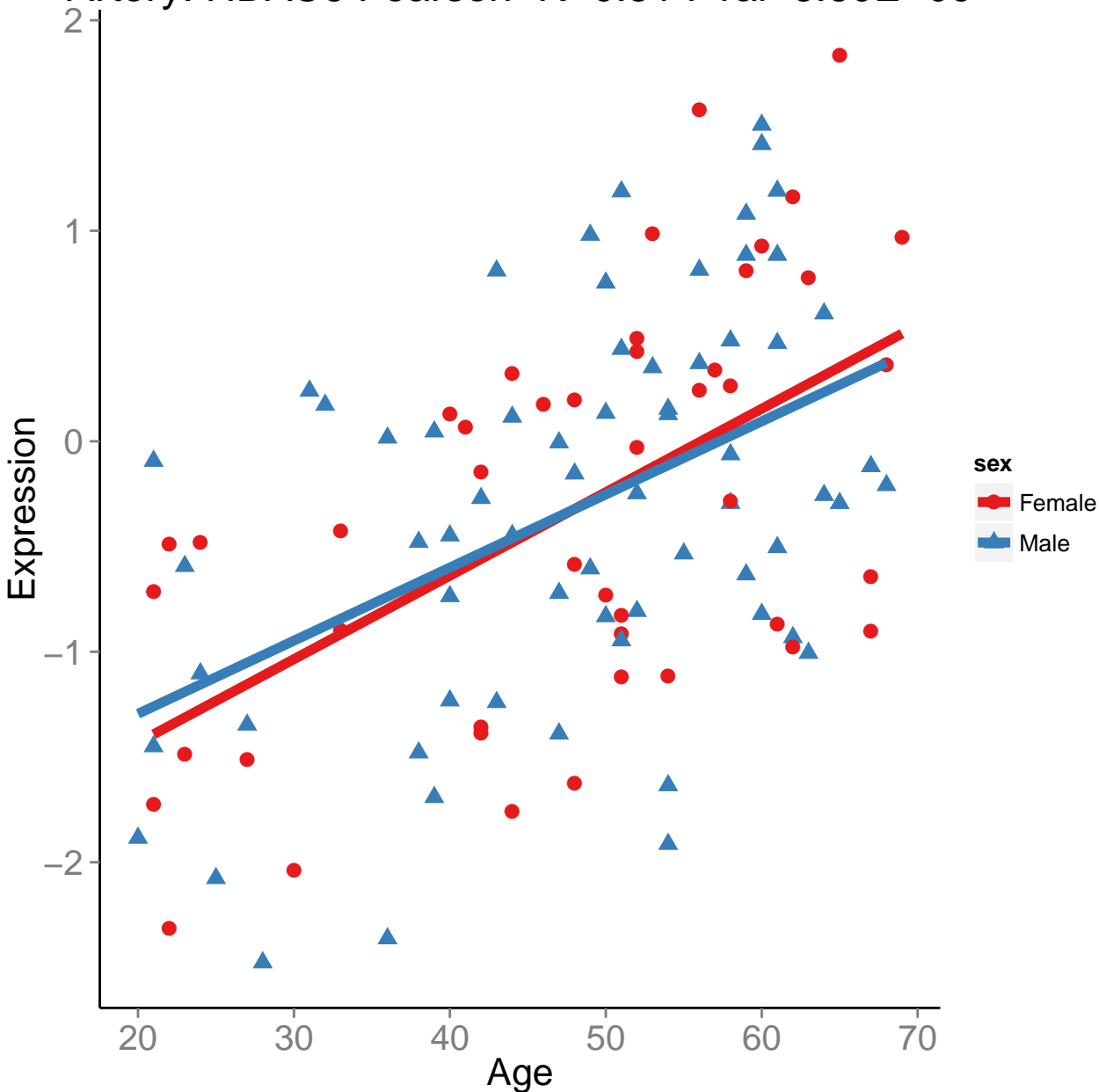
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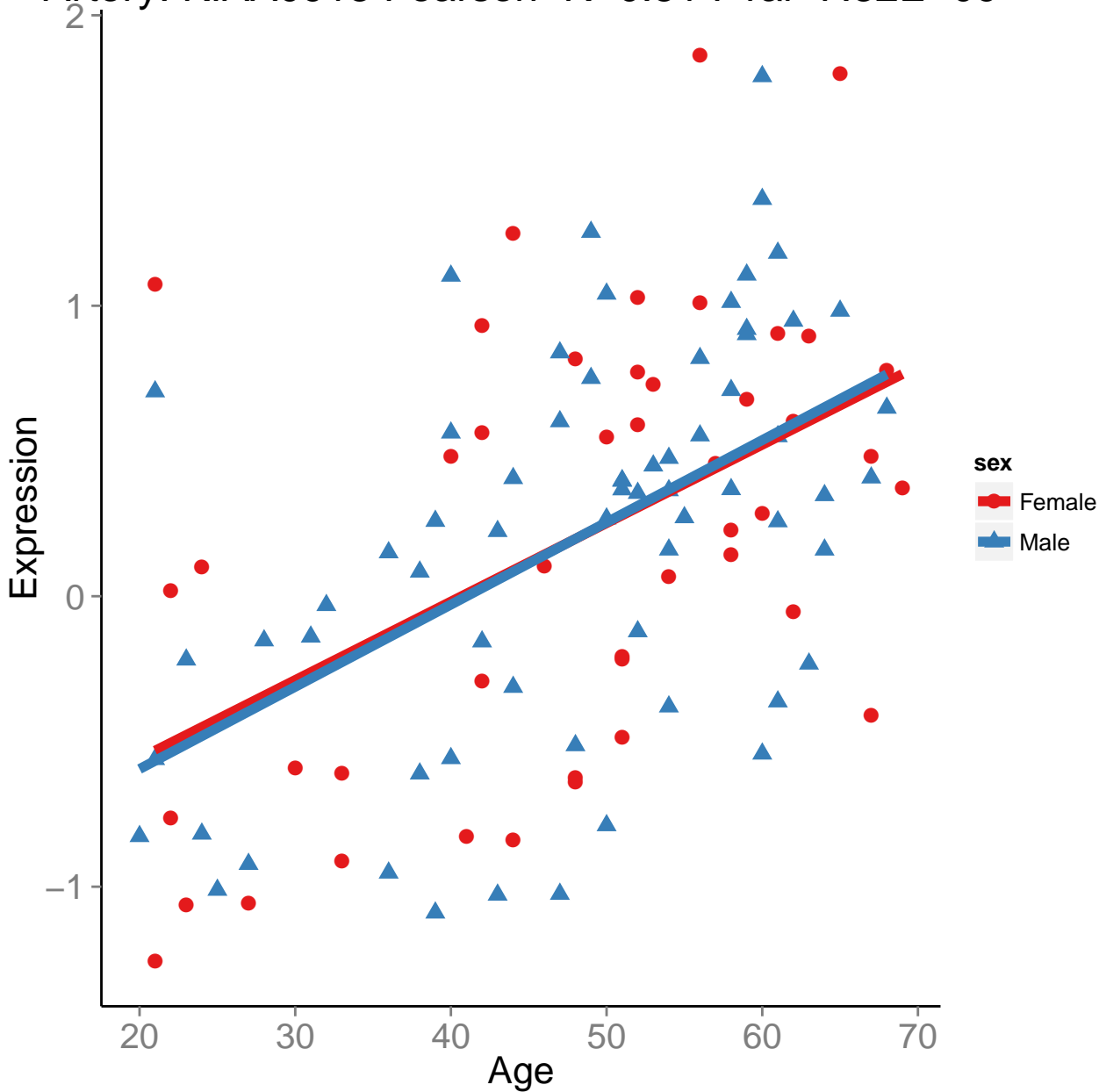
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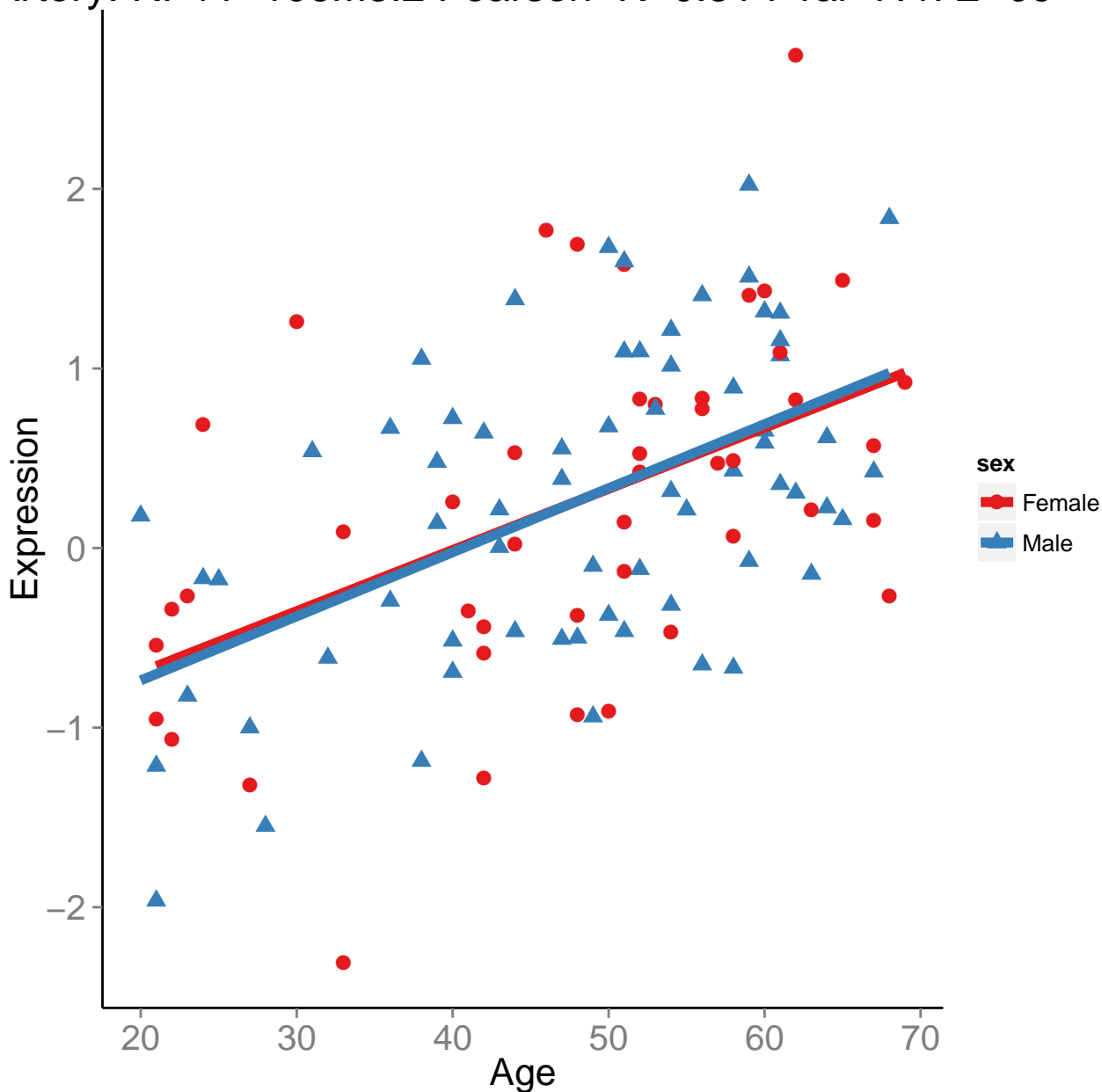
Artery: HDAC6 Pearson-R=0.51 Pval=6.60E-09



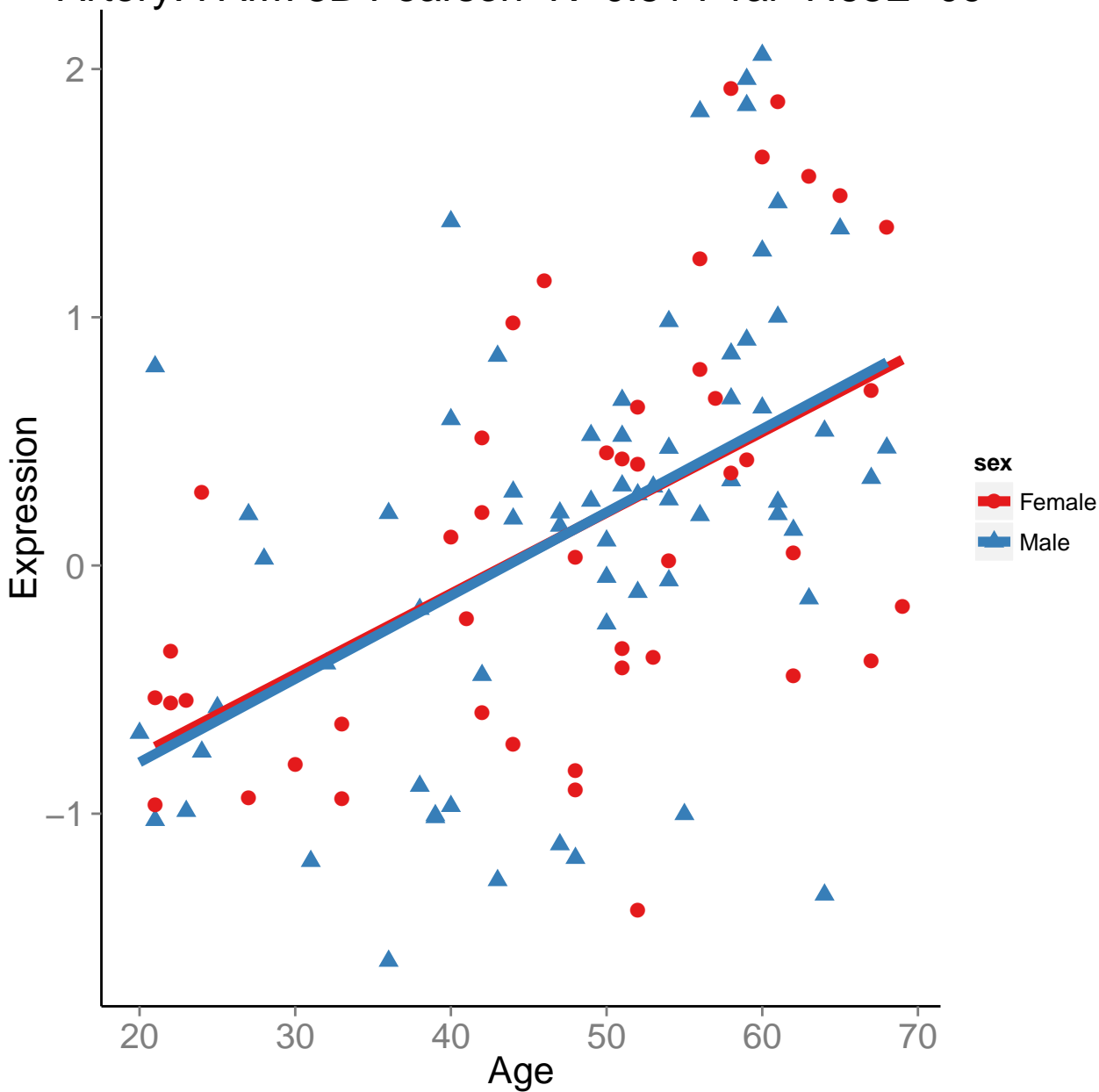
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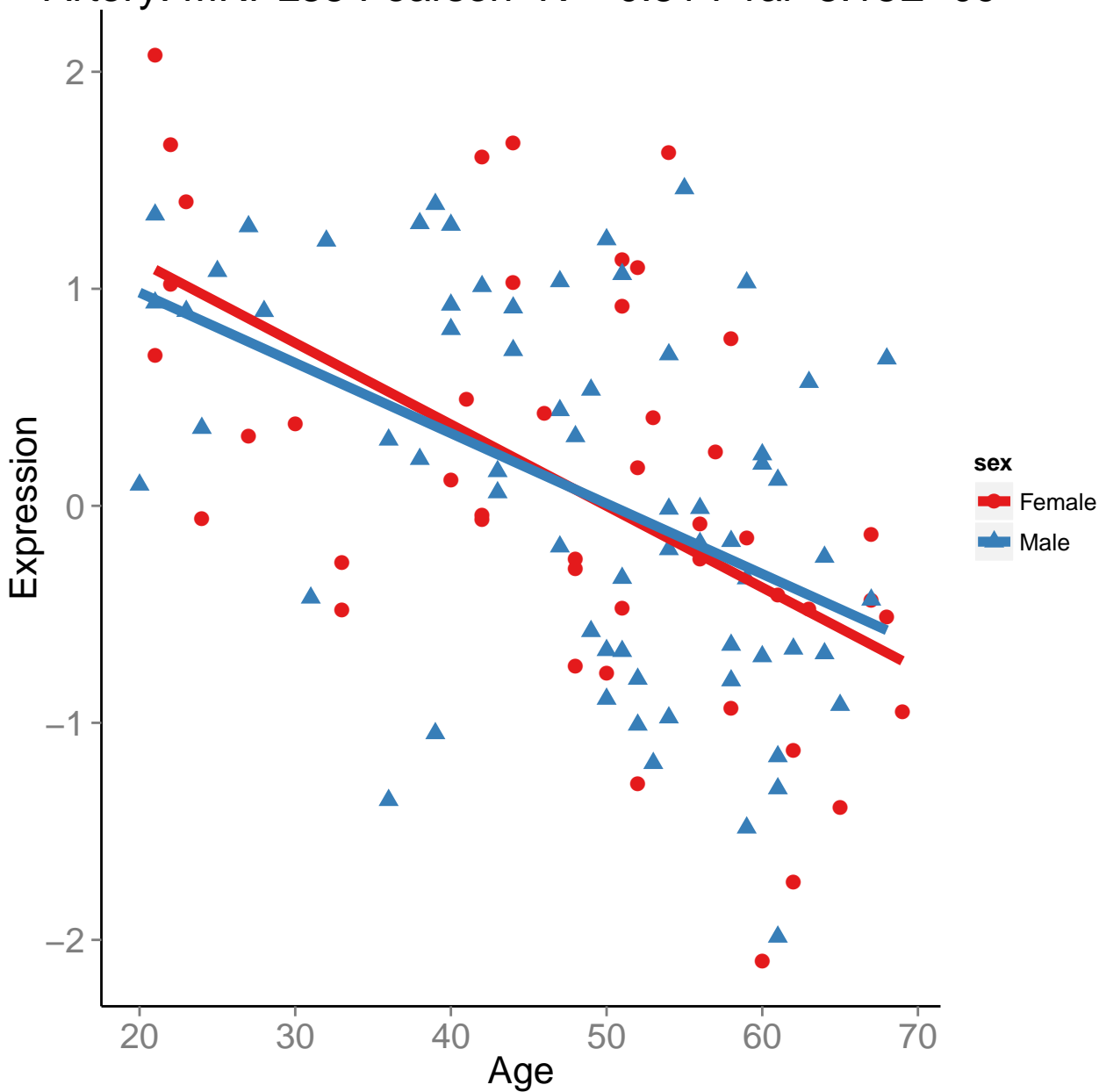
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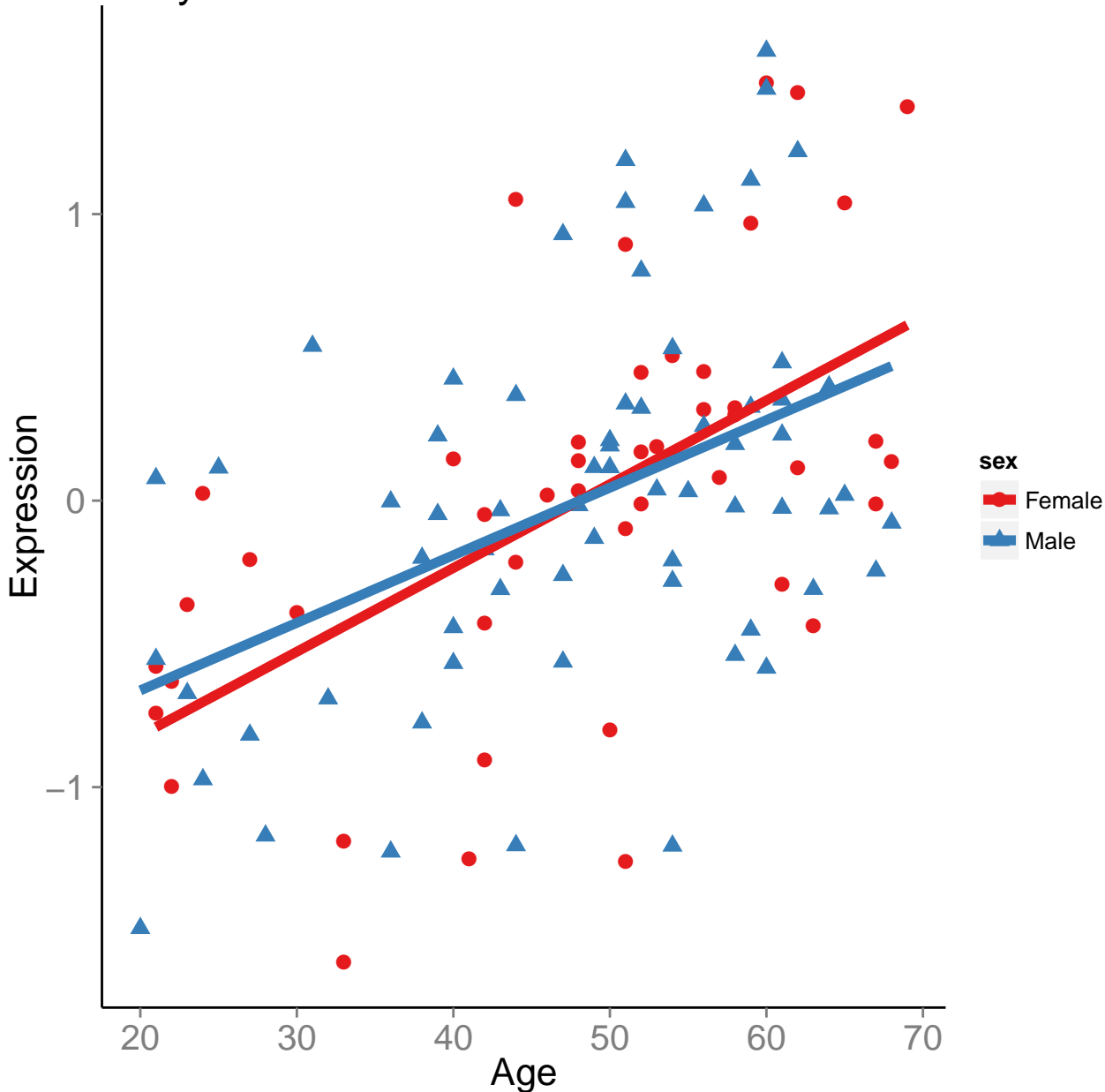
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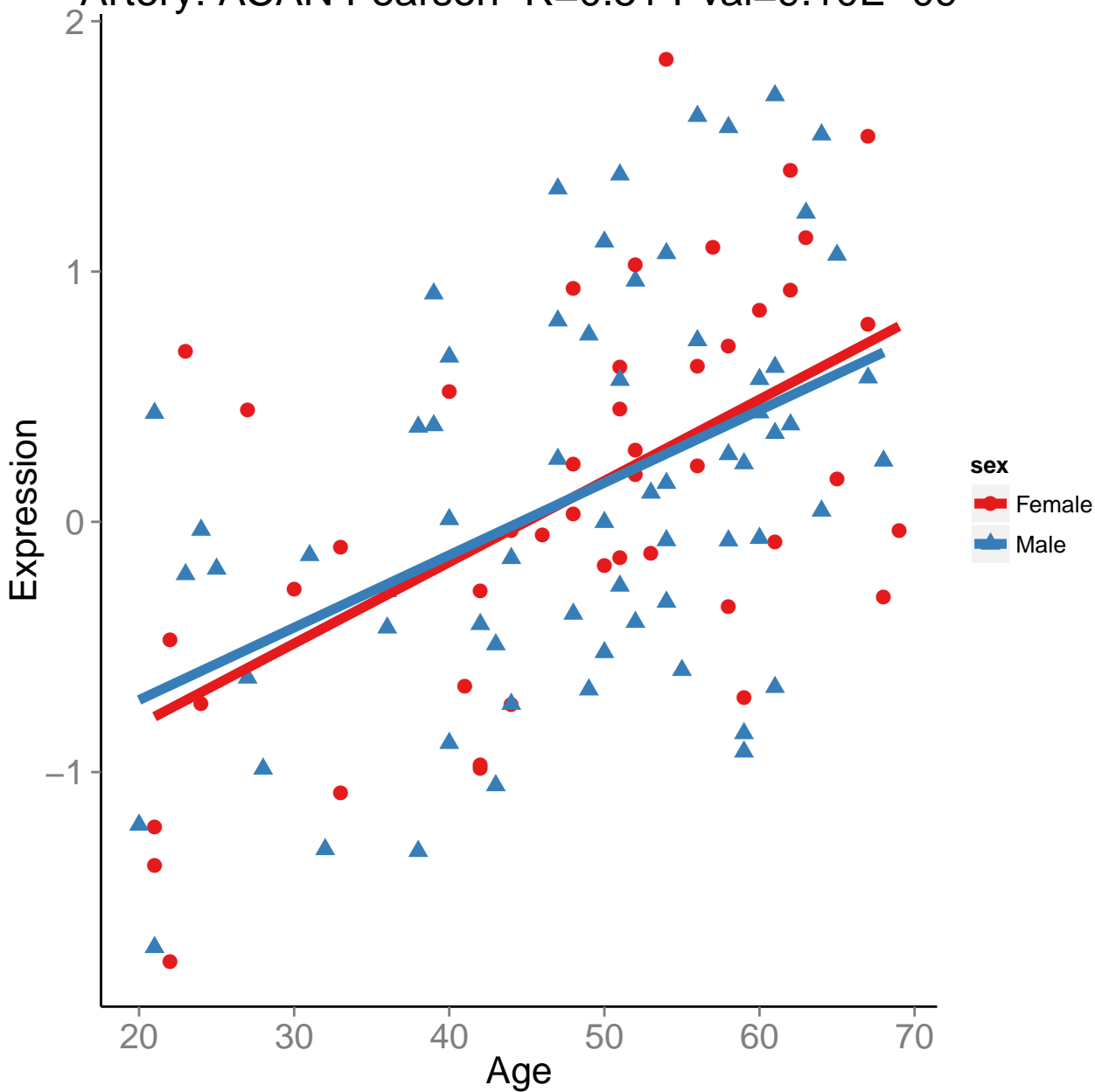
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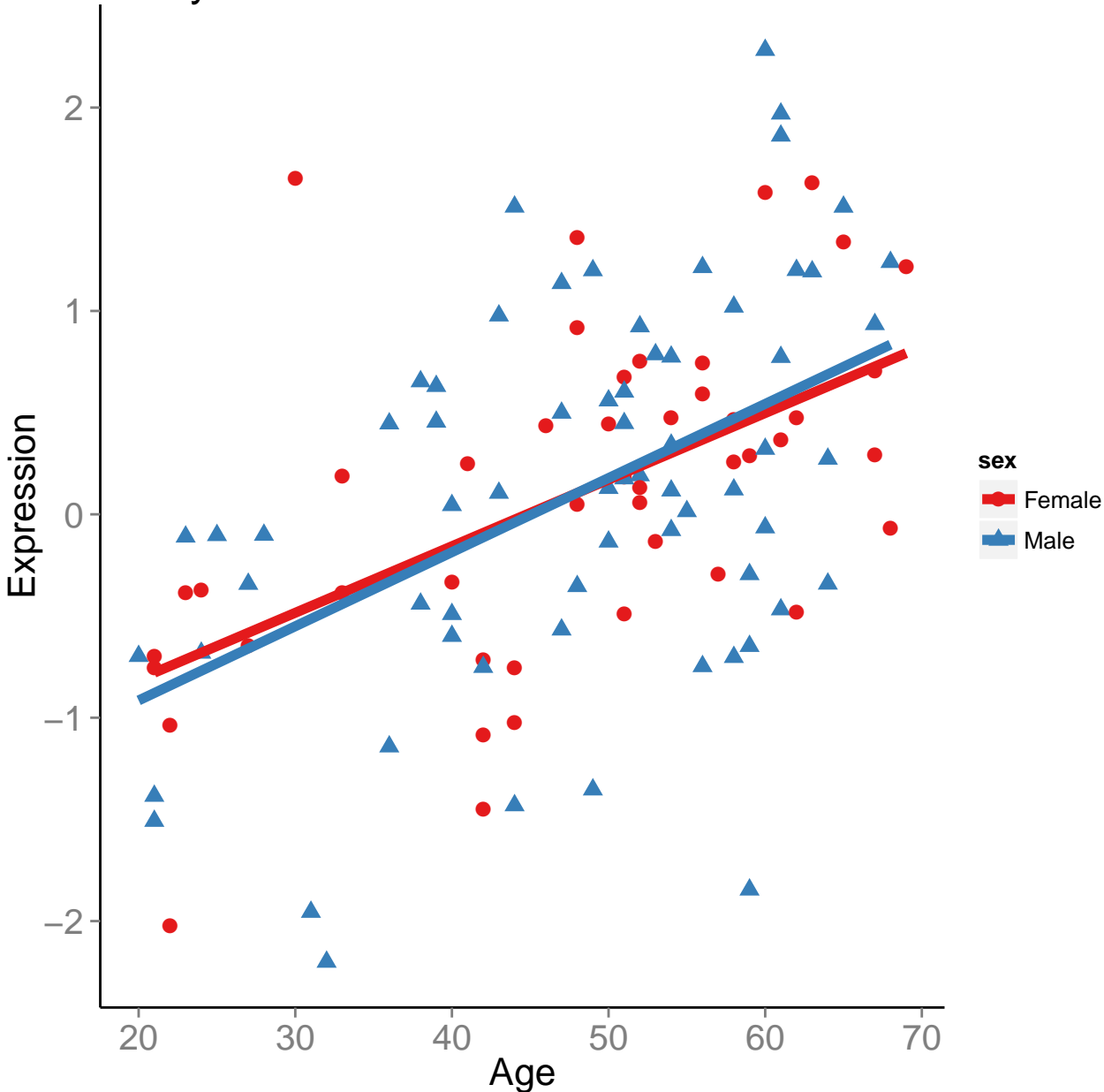
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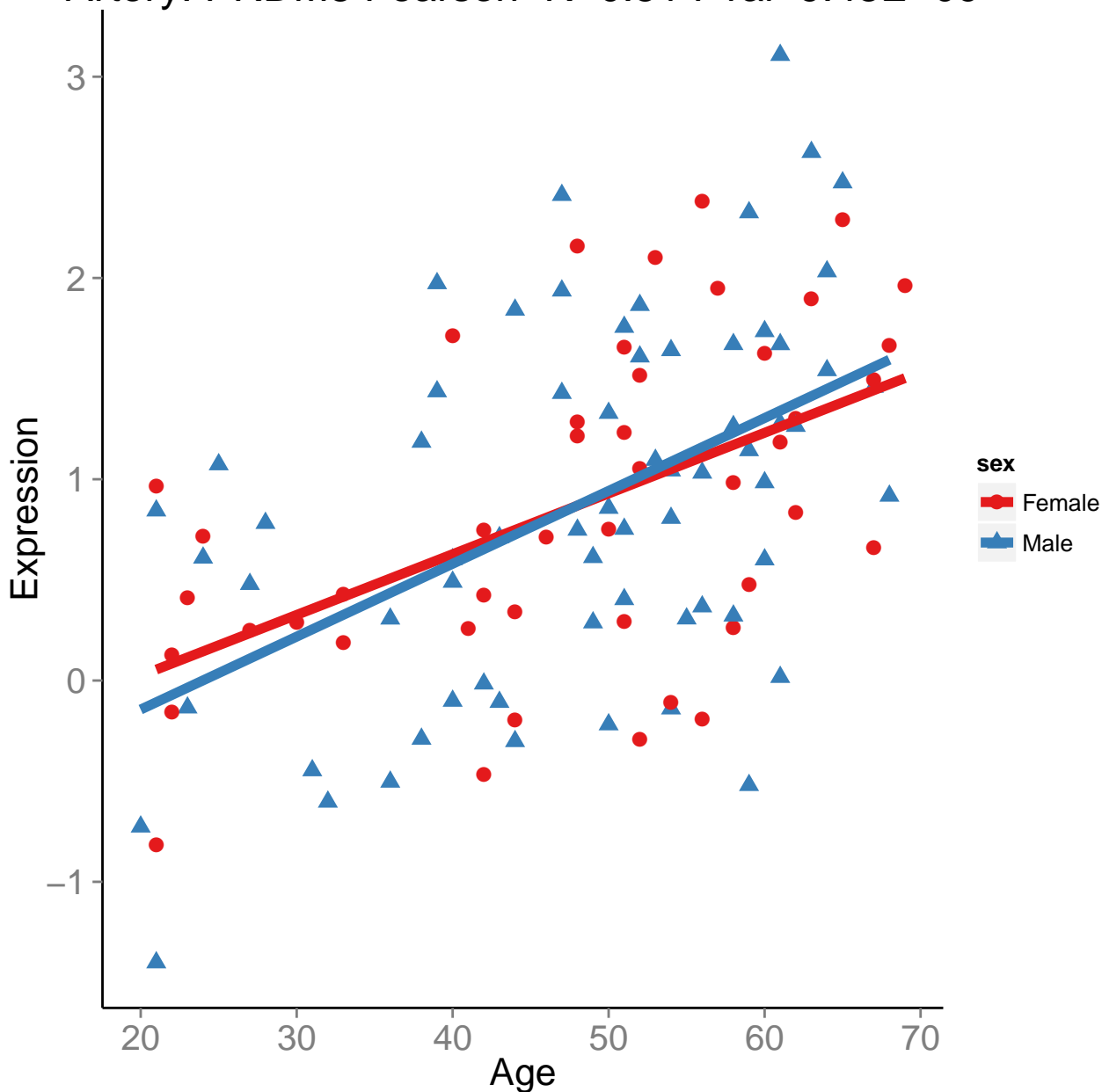
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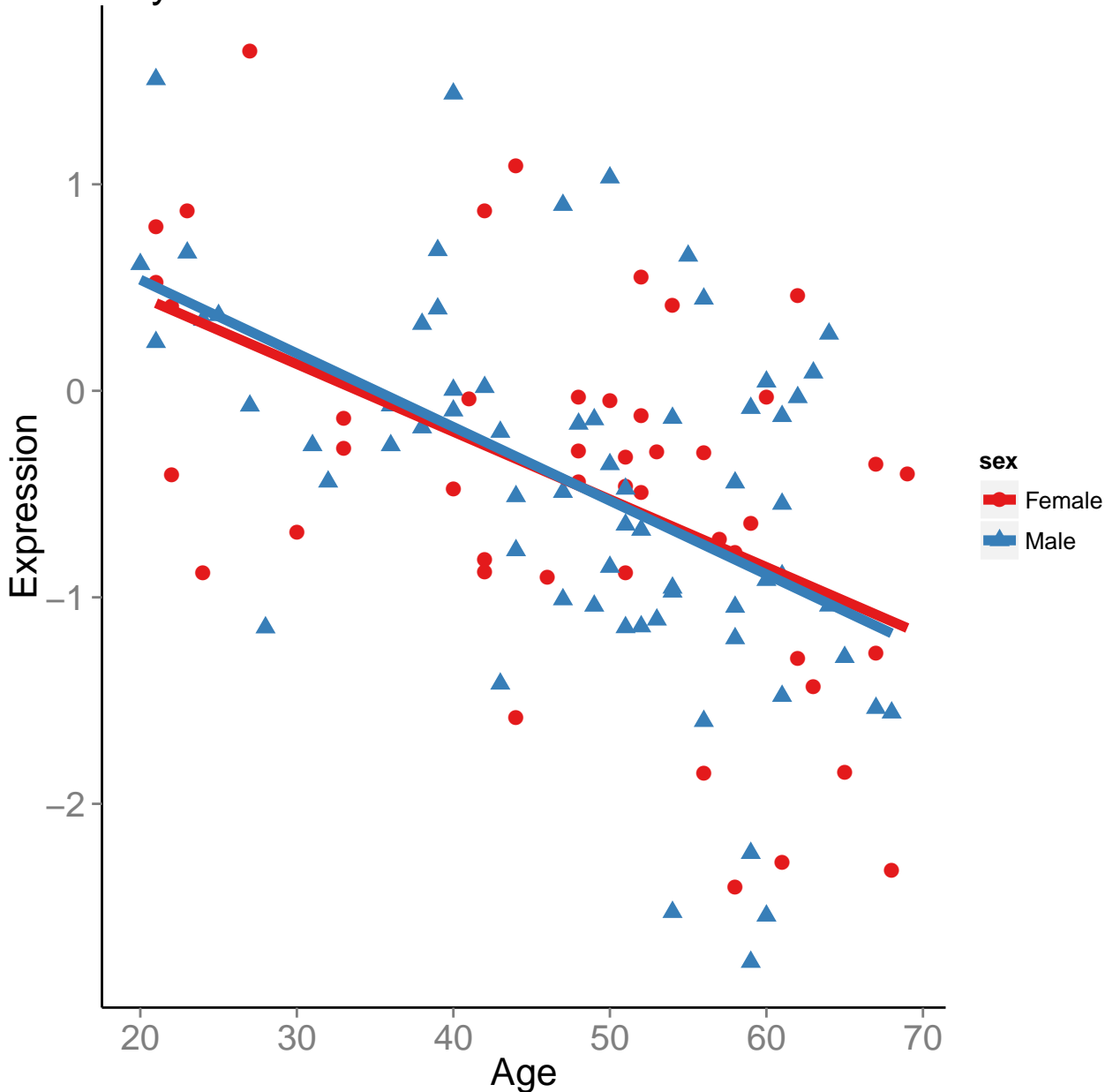
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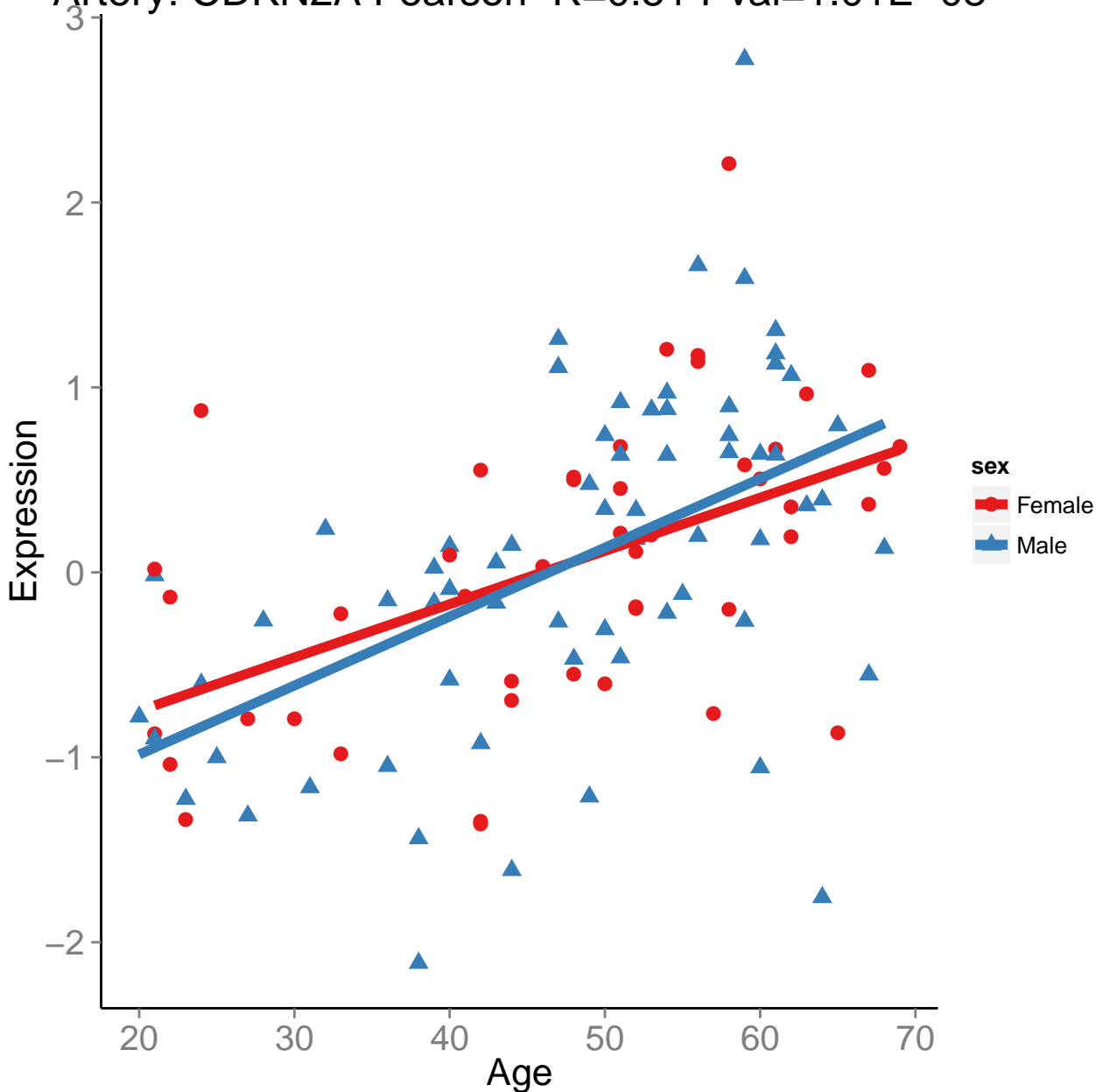
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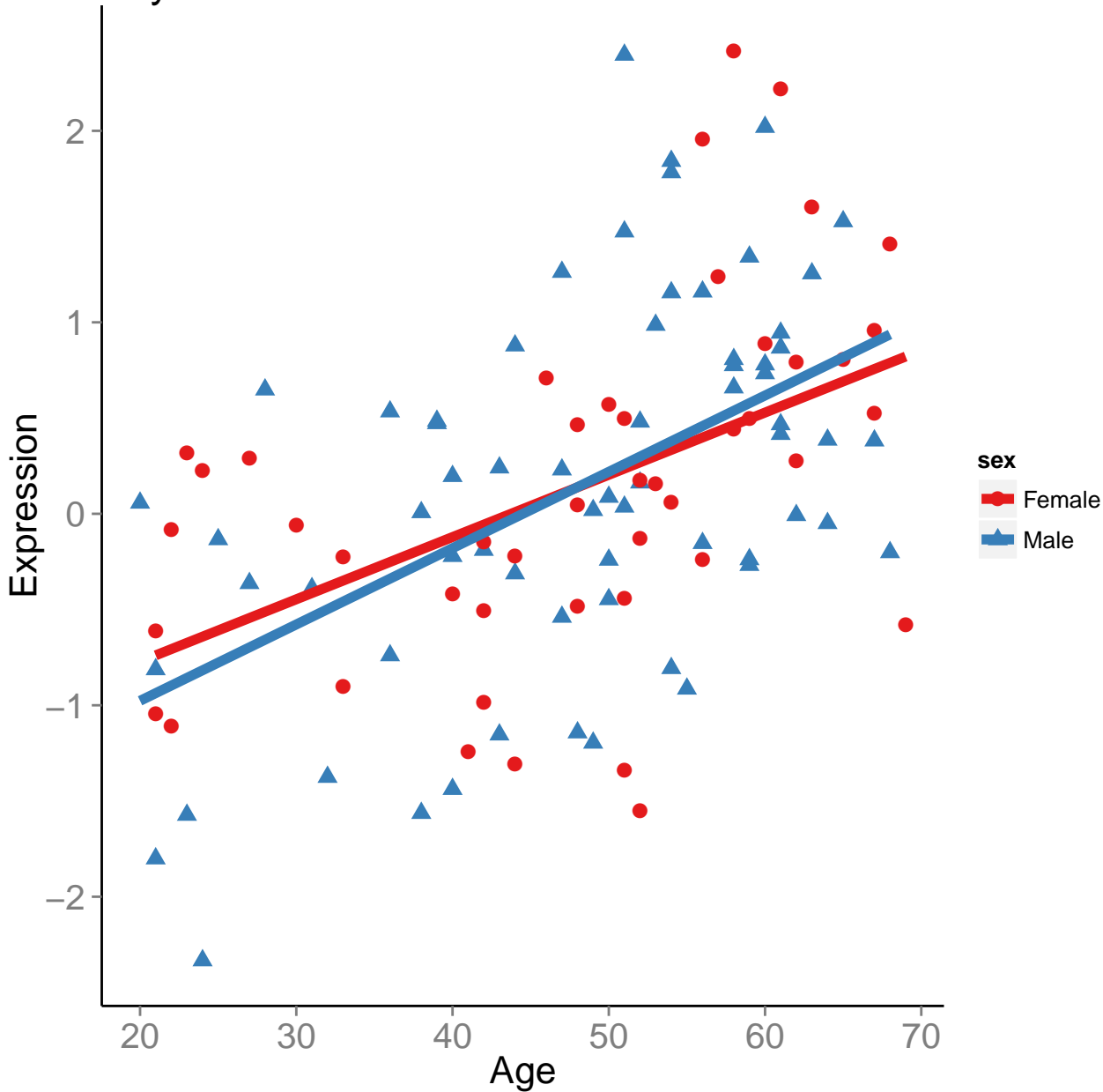
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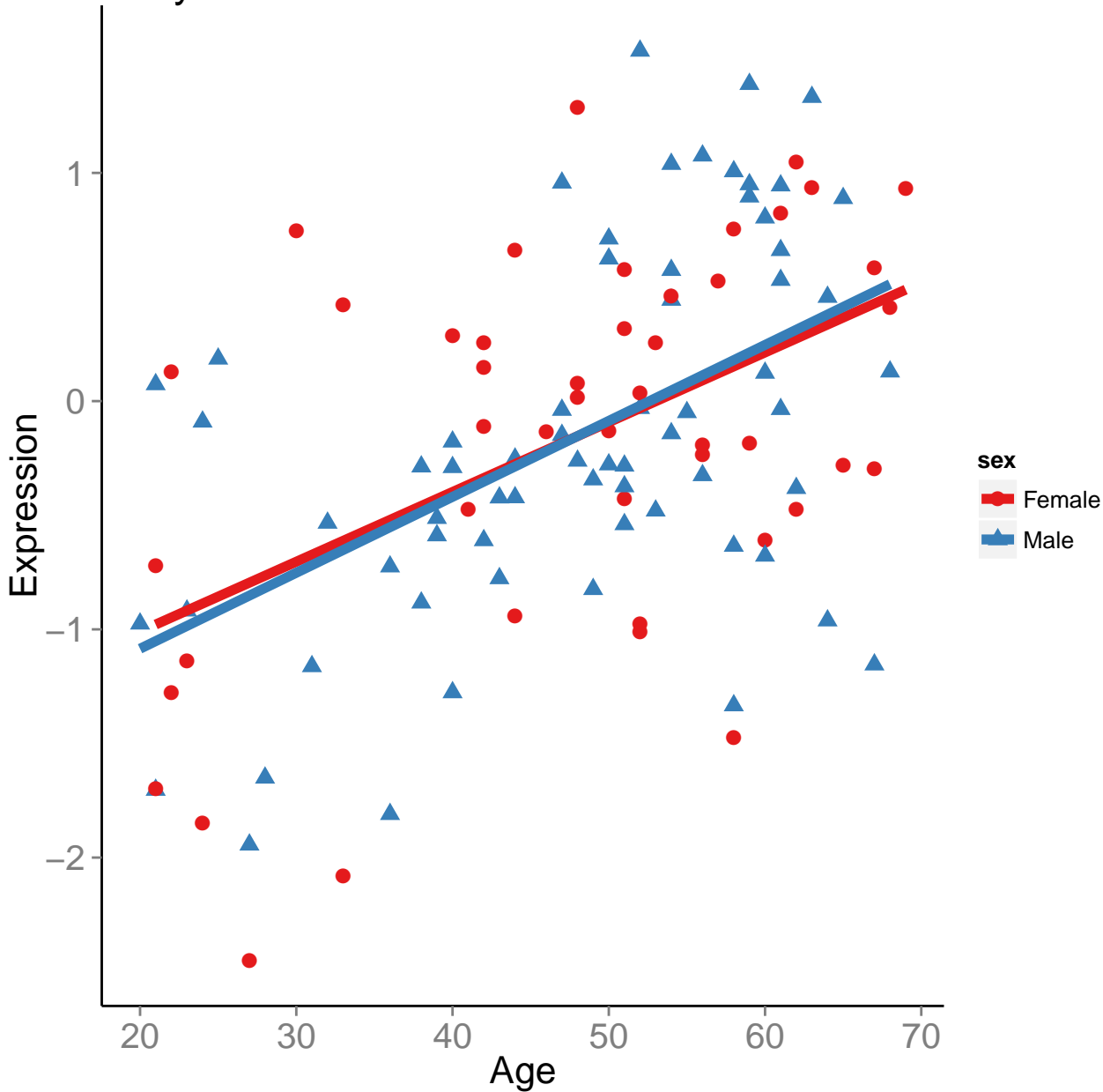
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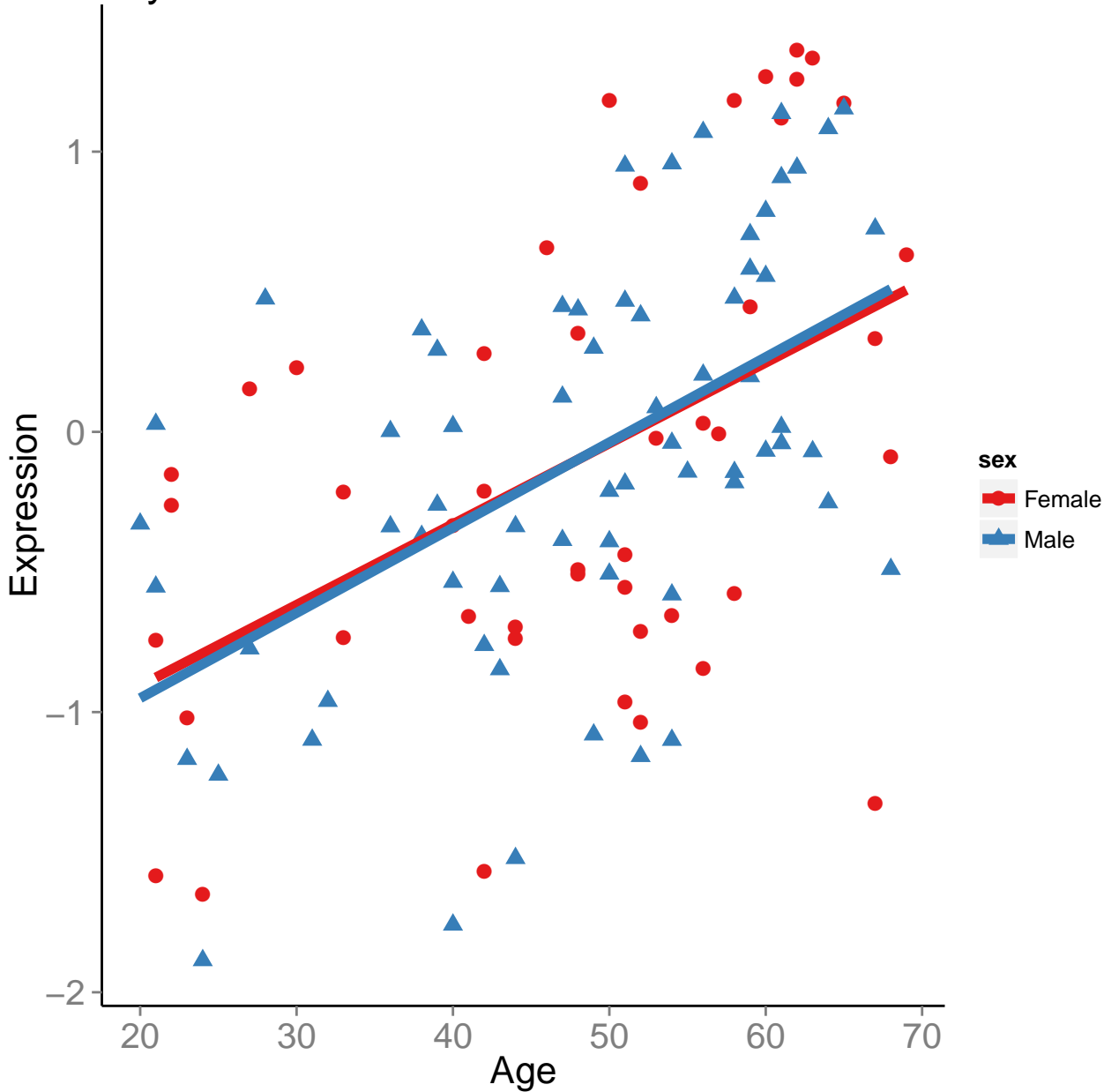
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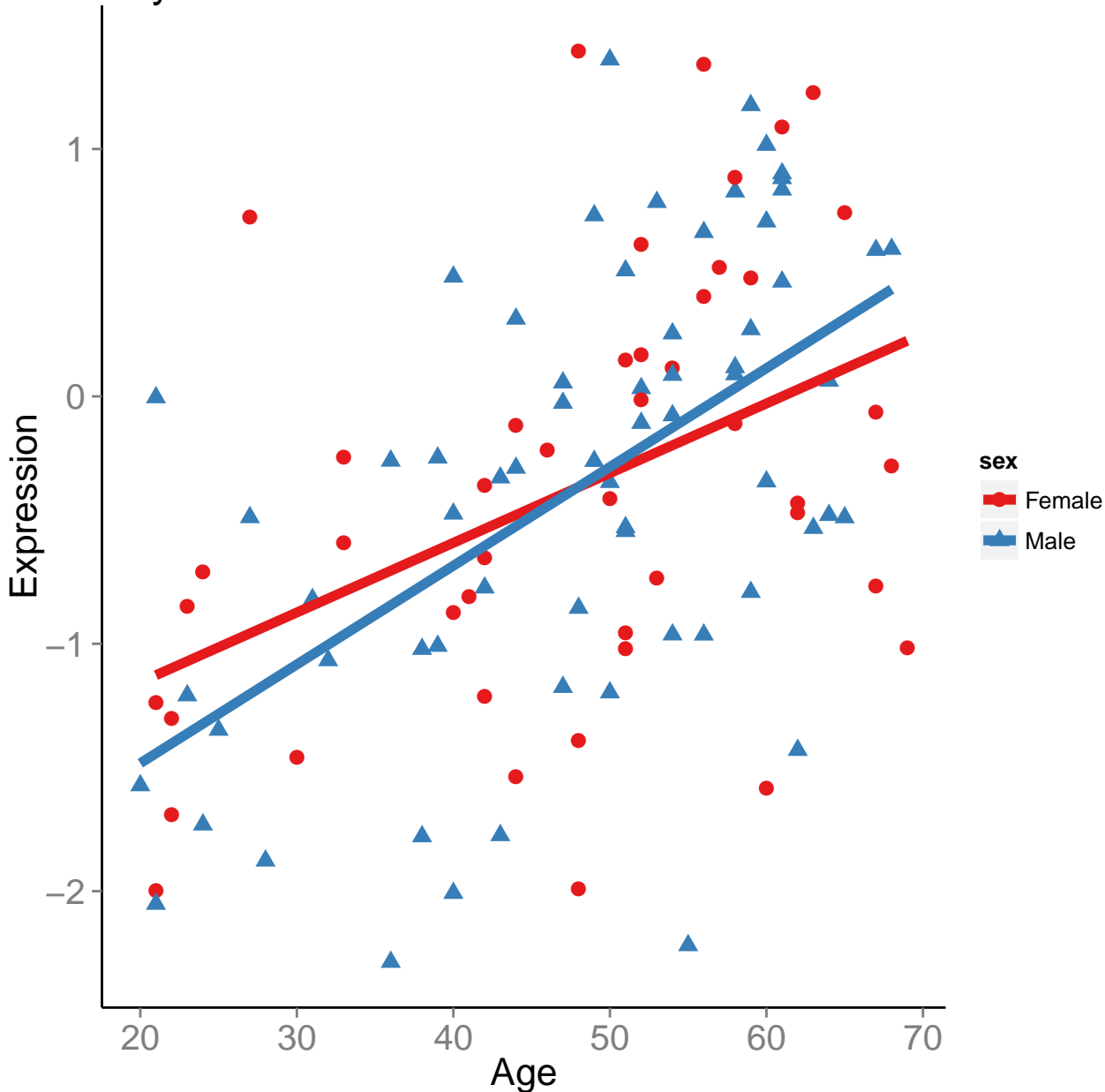
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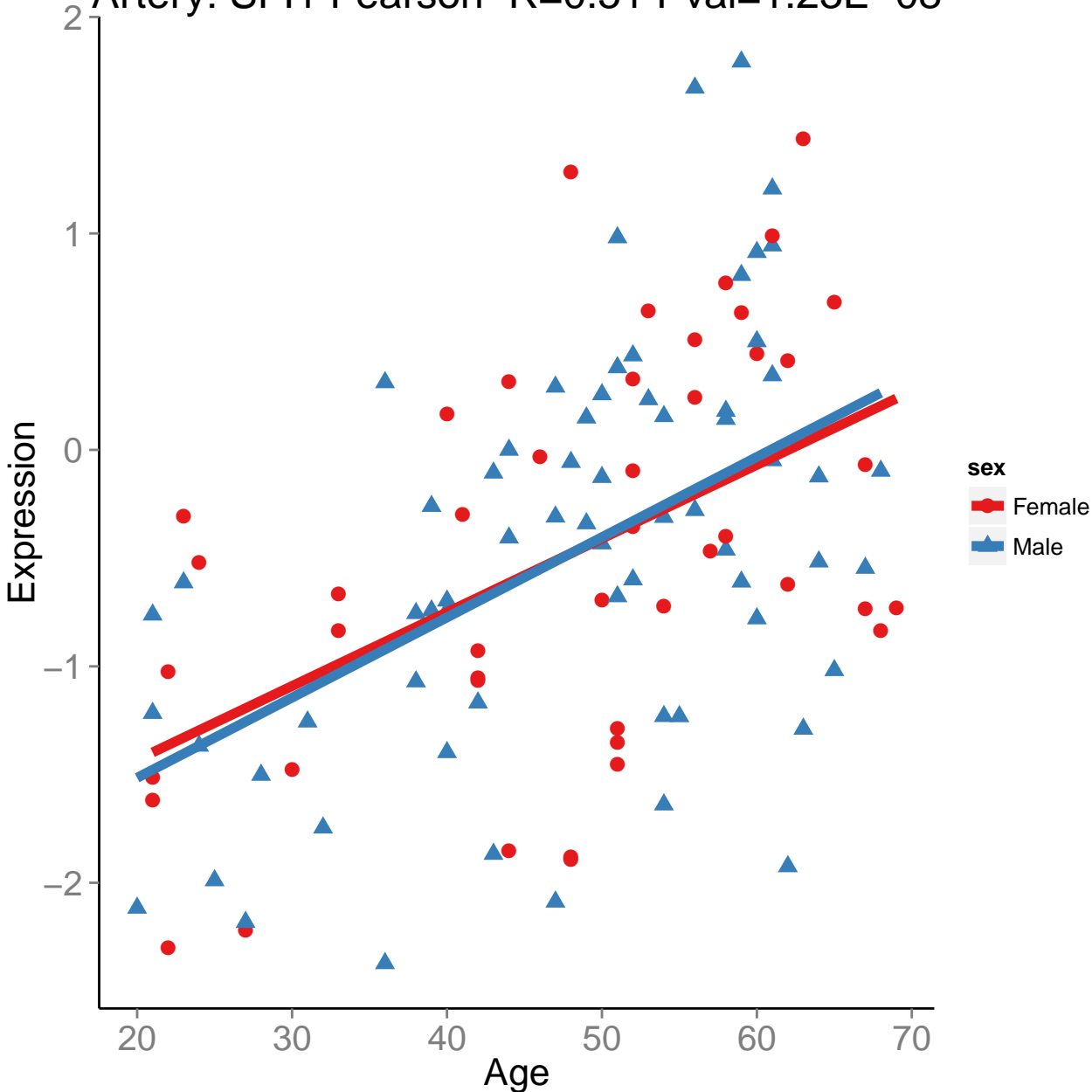
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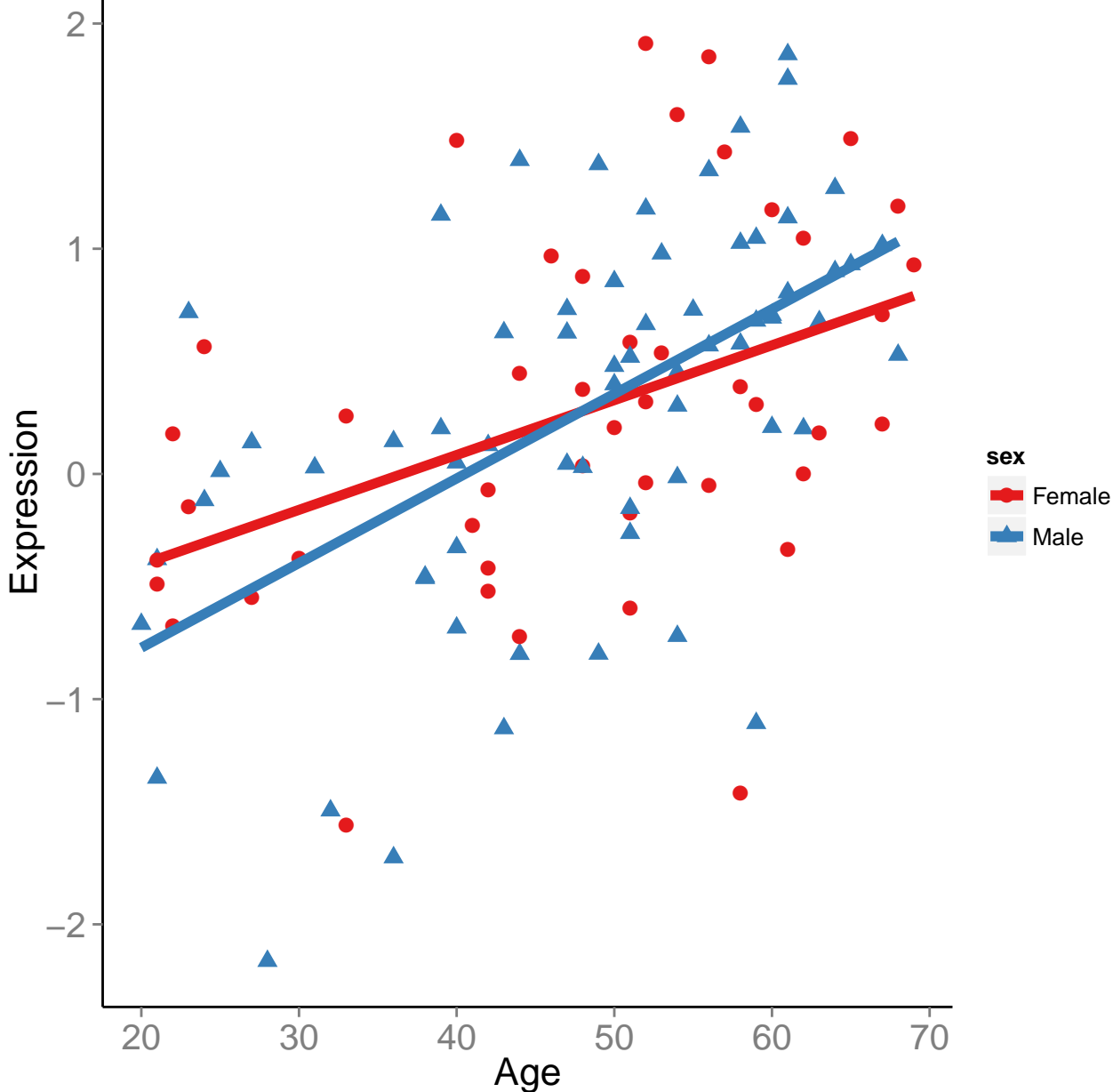
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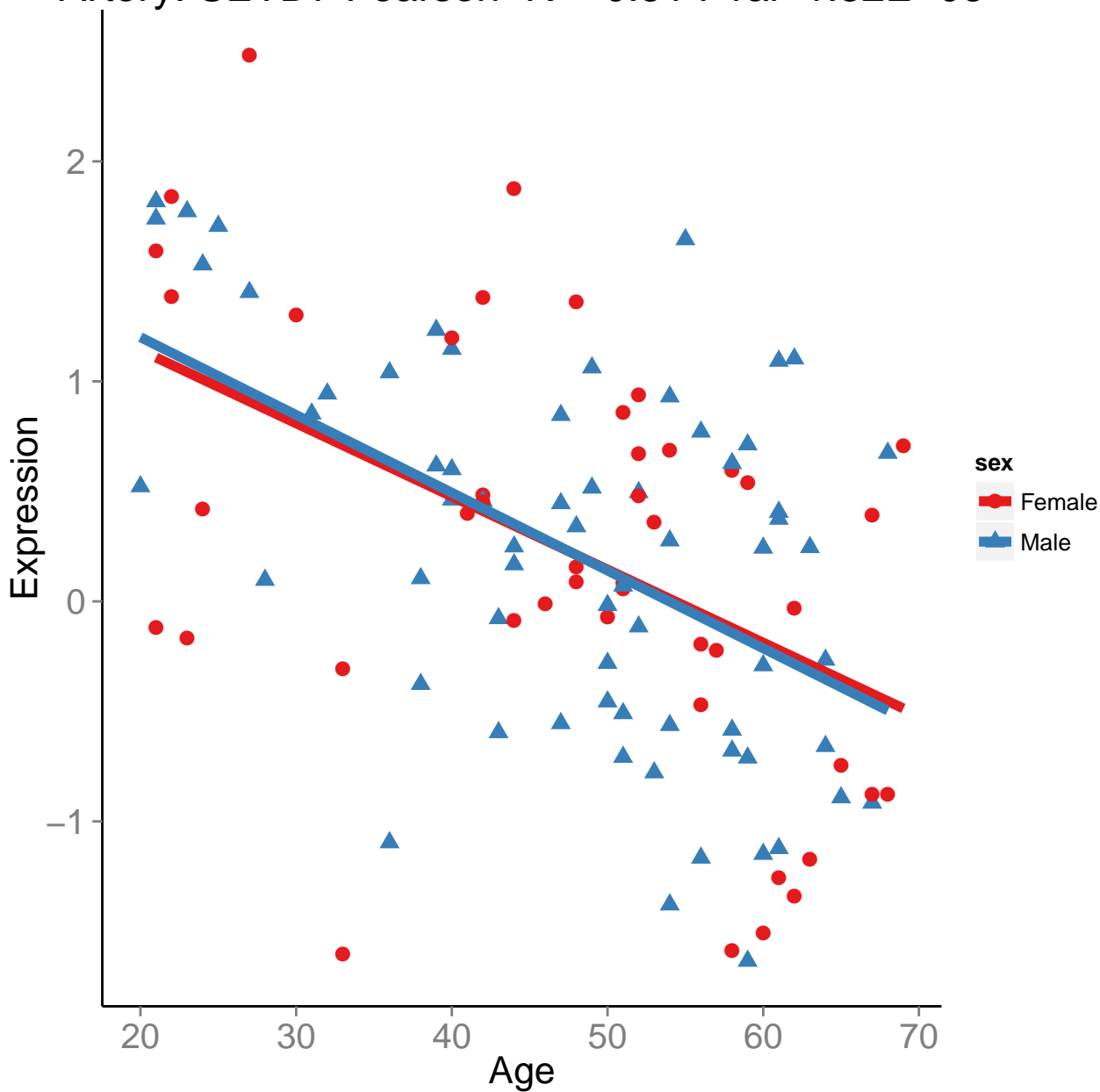
Artery: SFI1 Pearson-R=0.51 Pval=1.23E-08



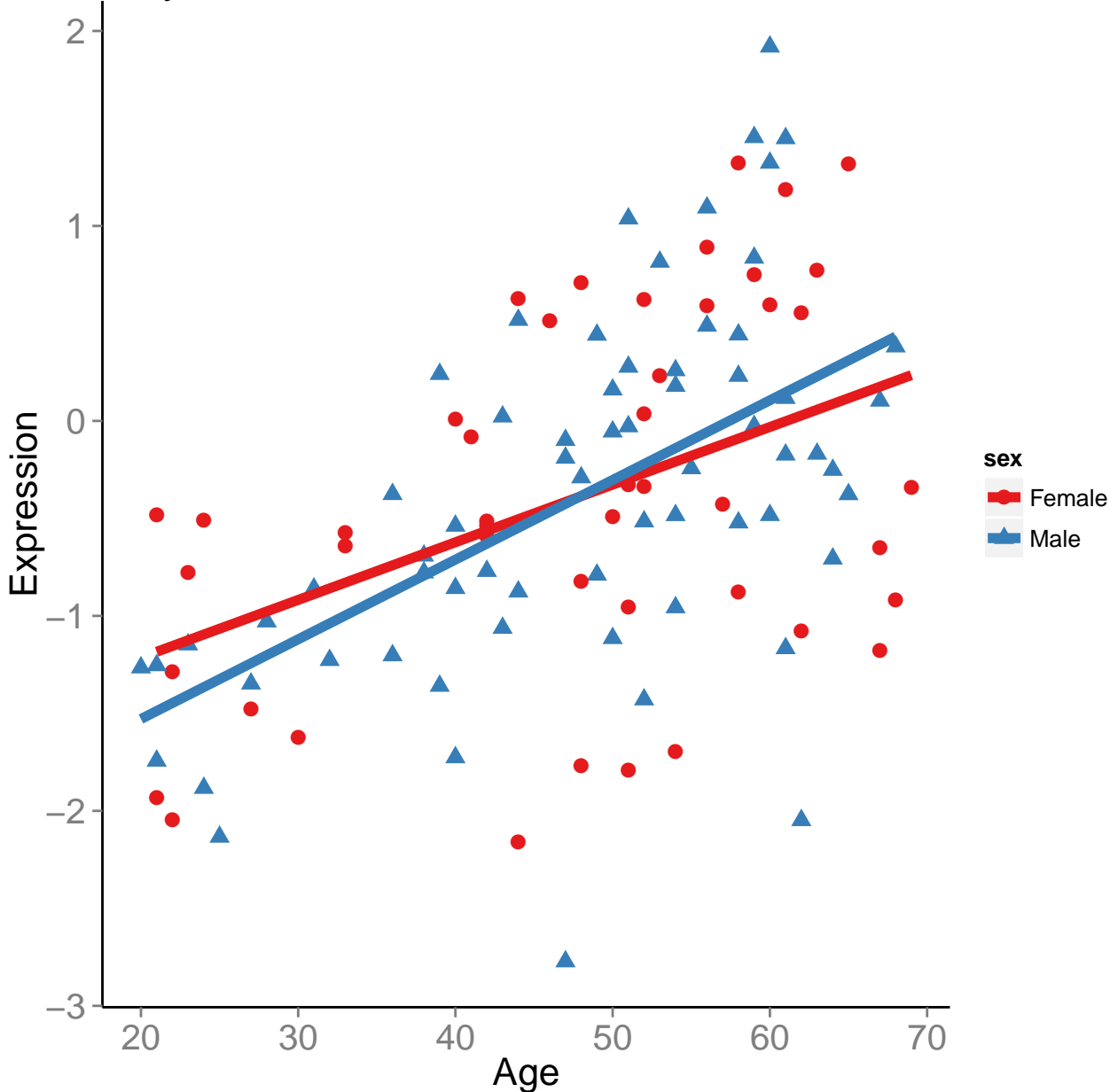
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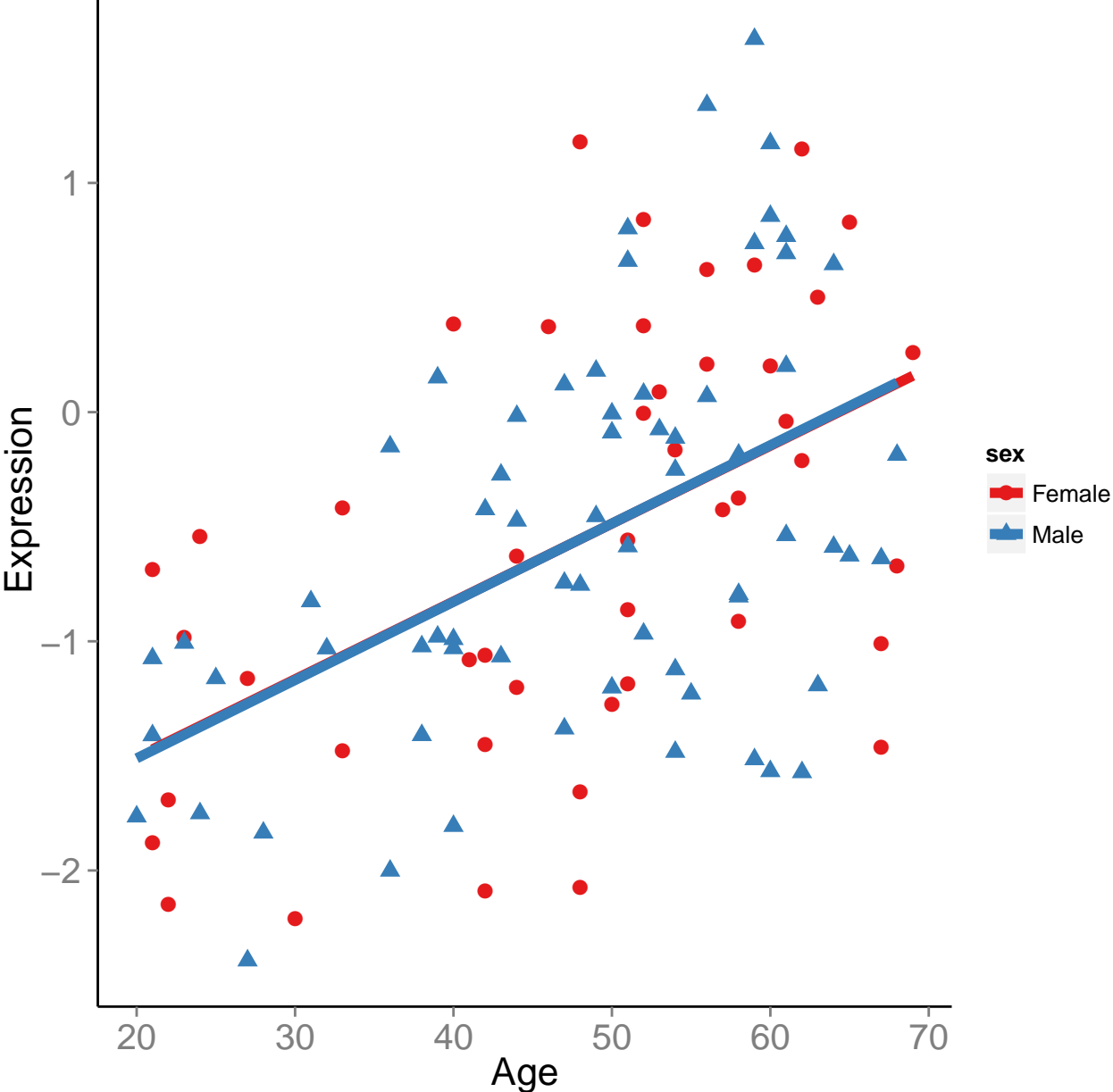
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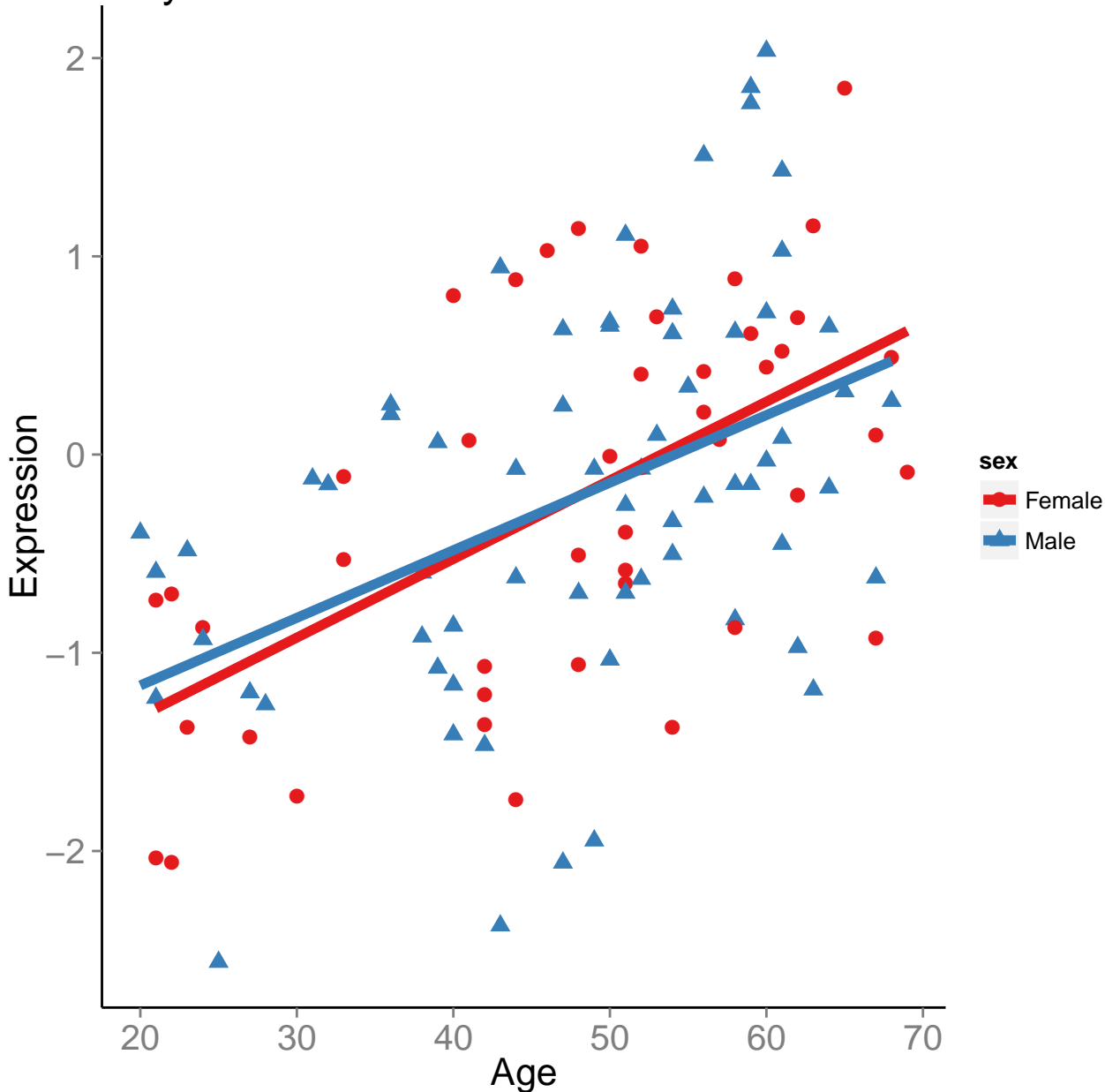
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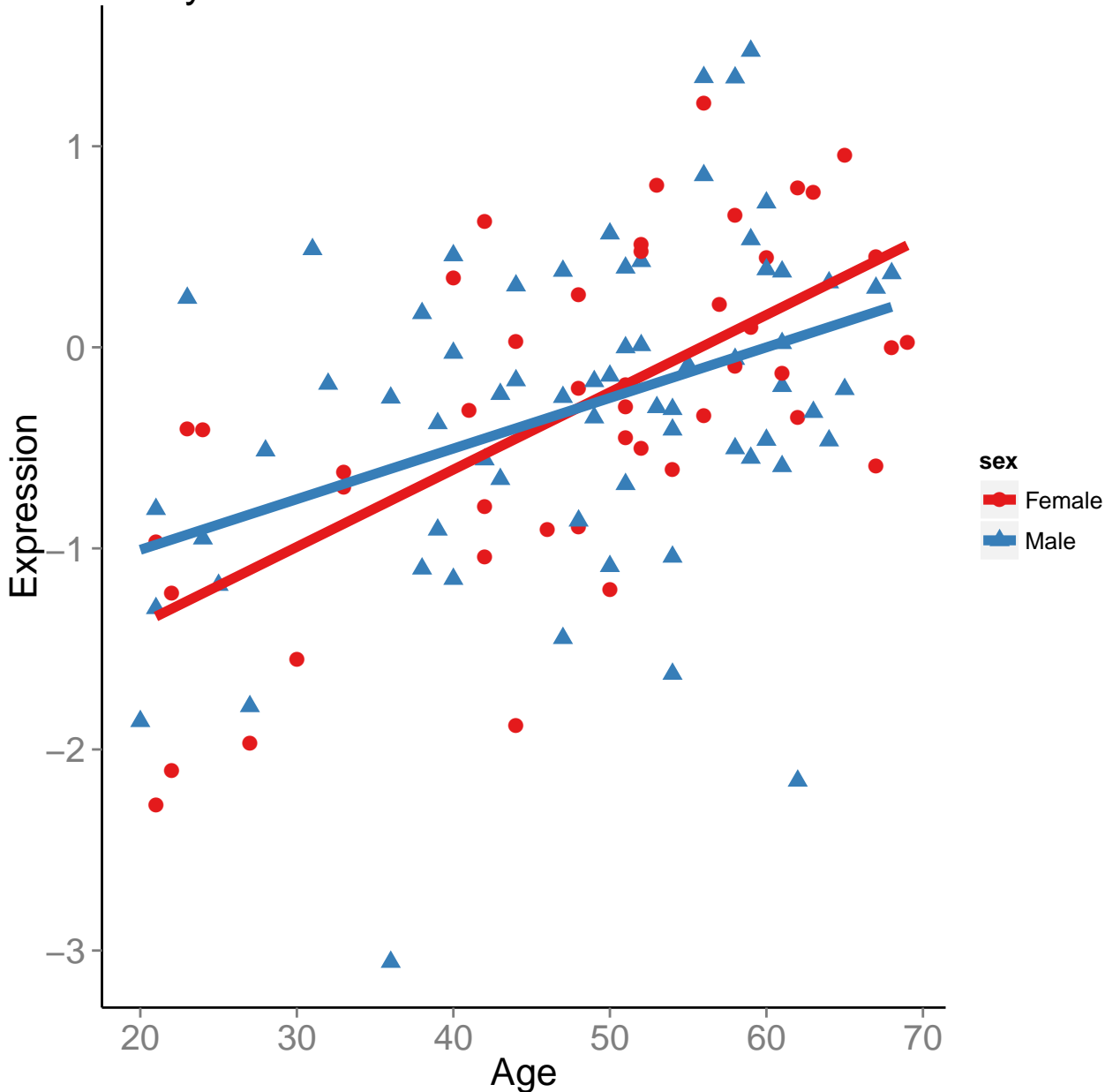
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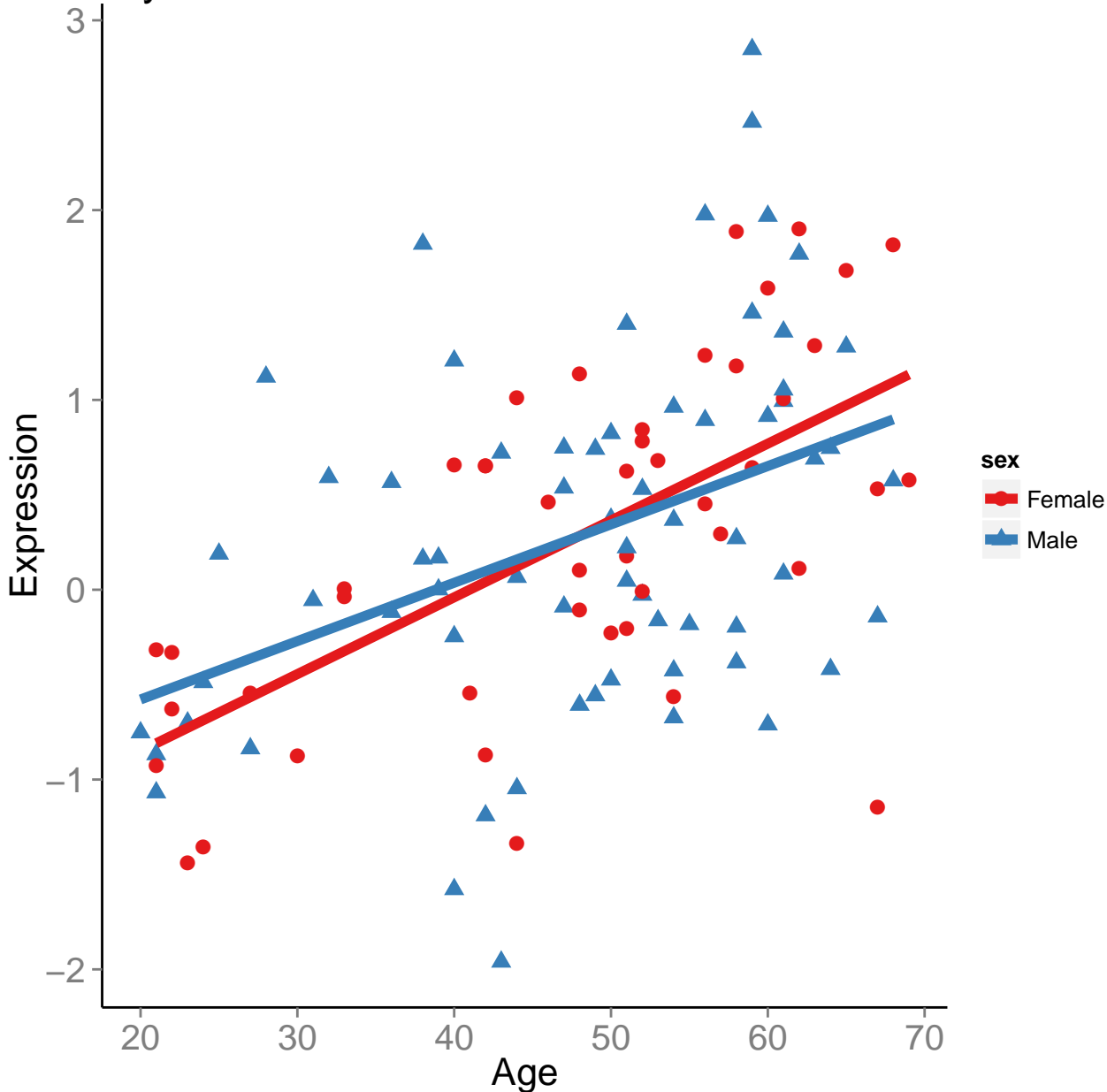
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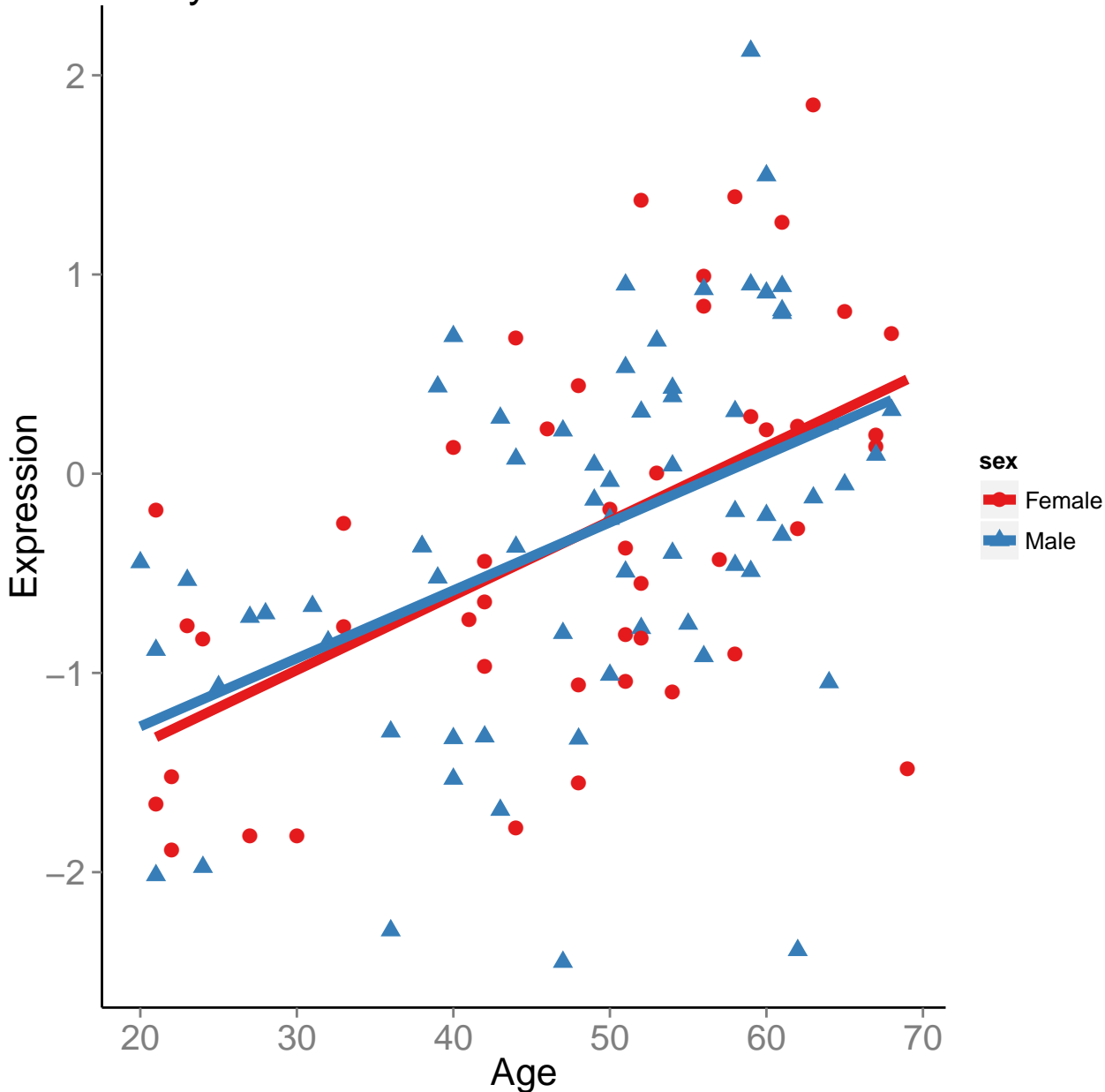
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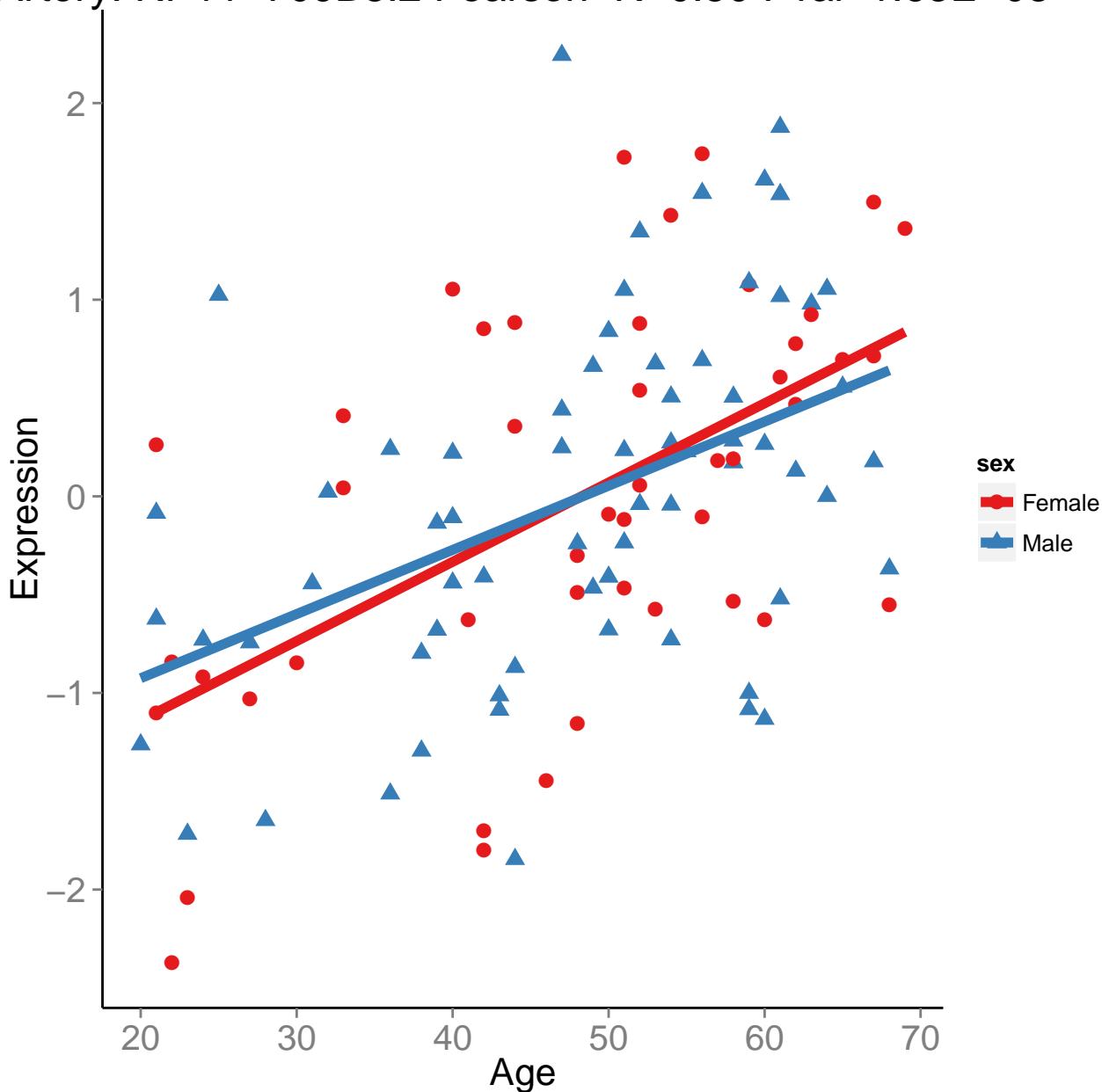
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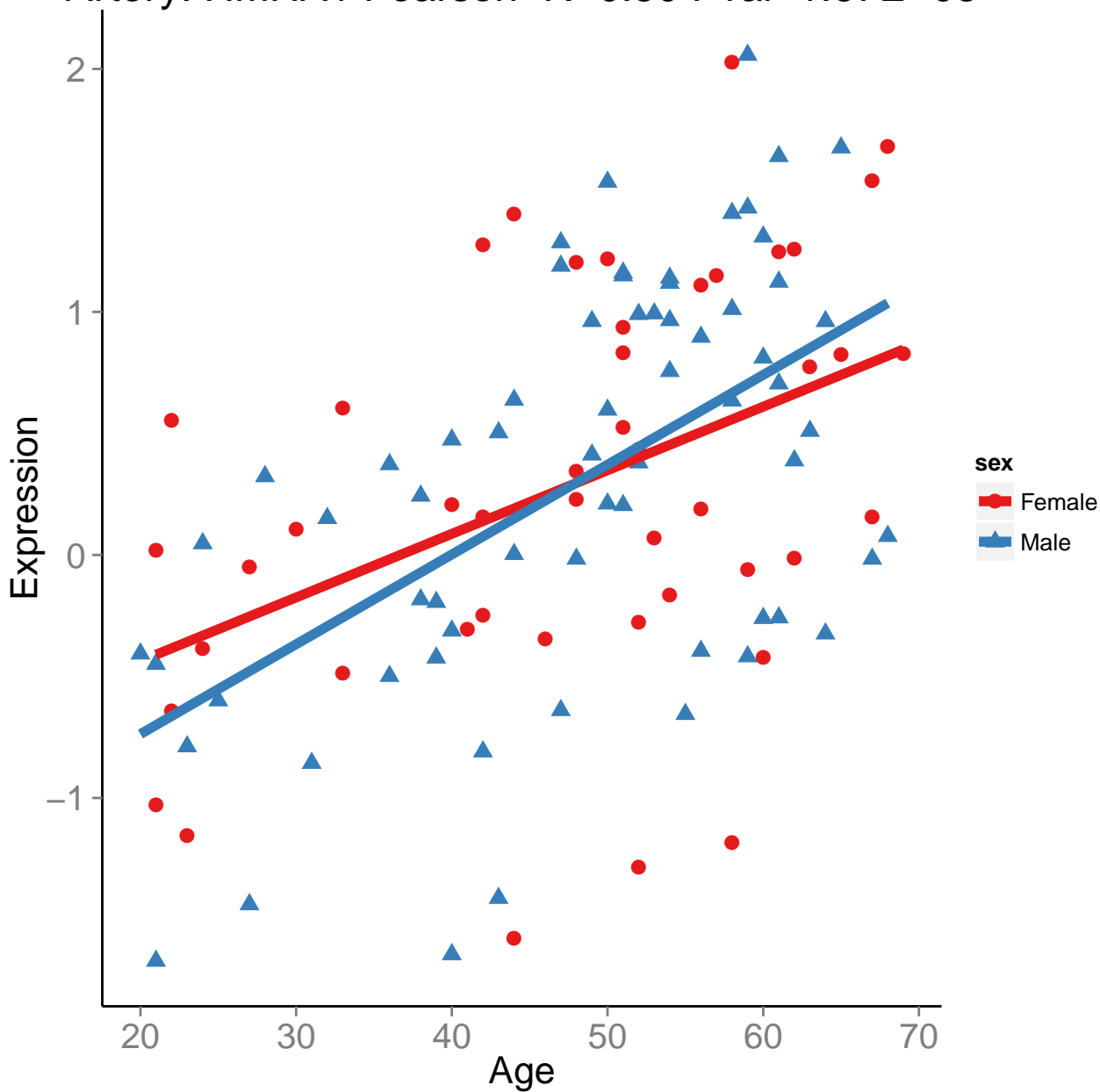
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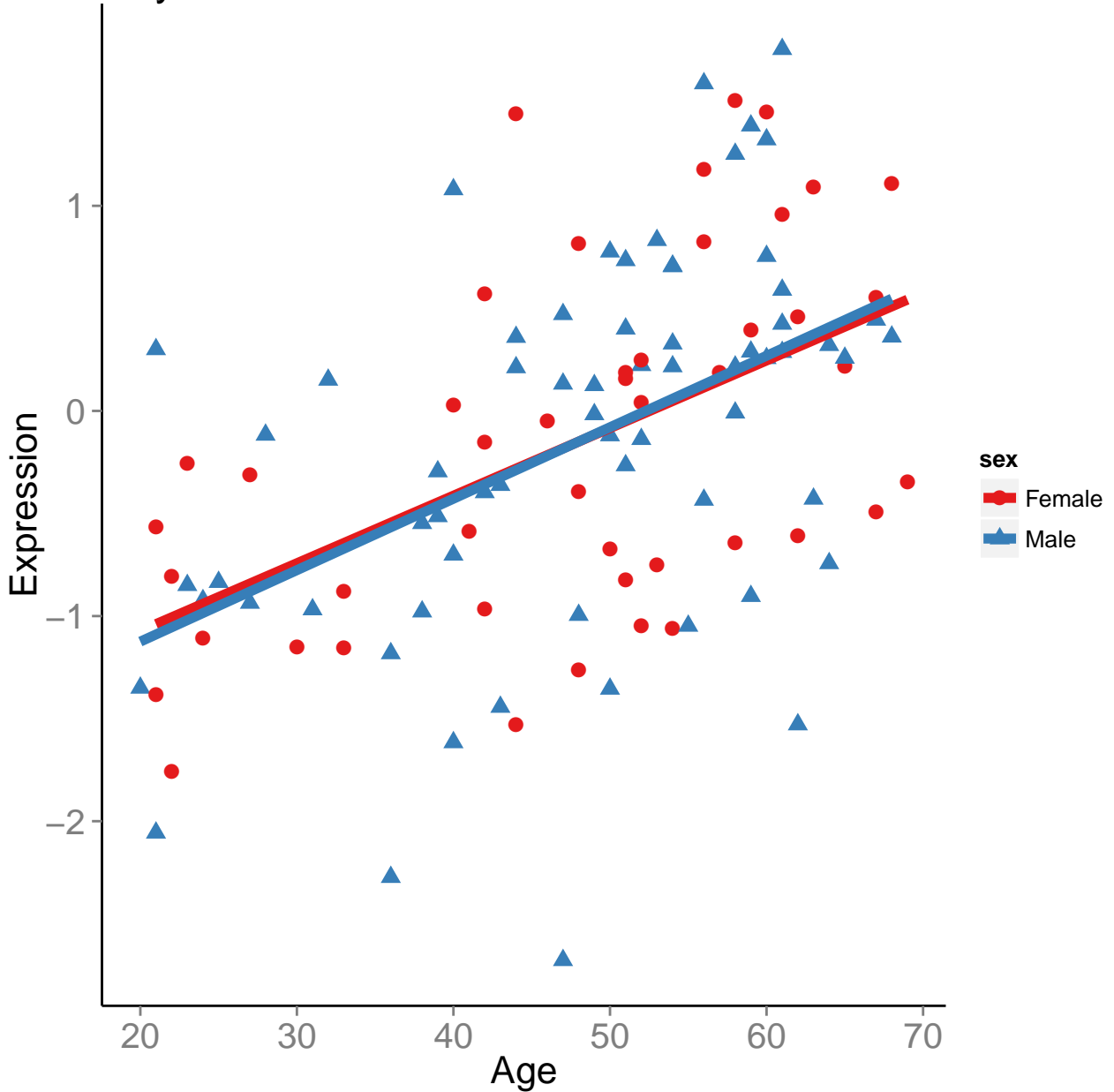
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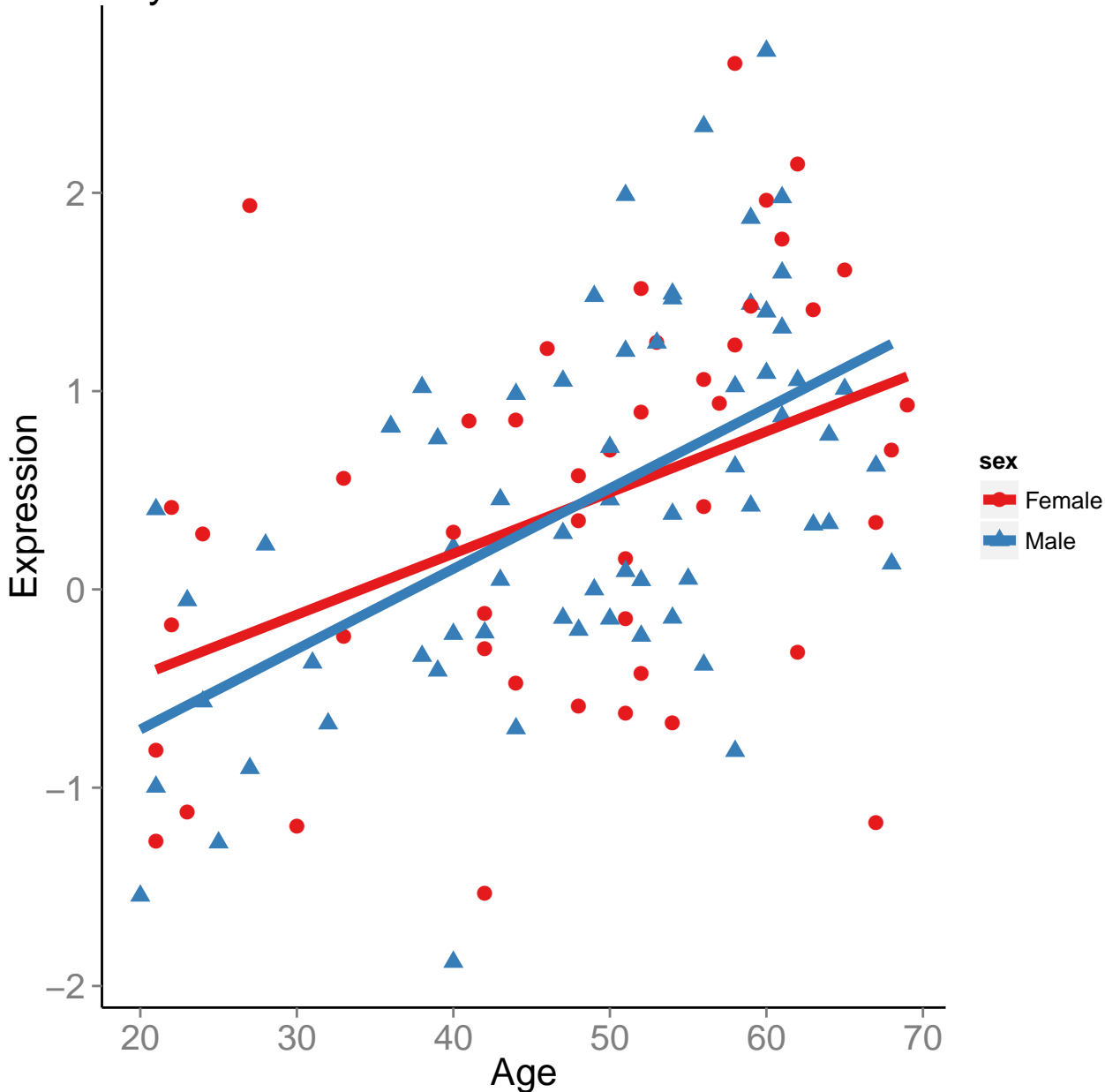
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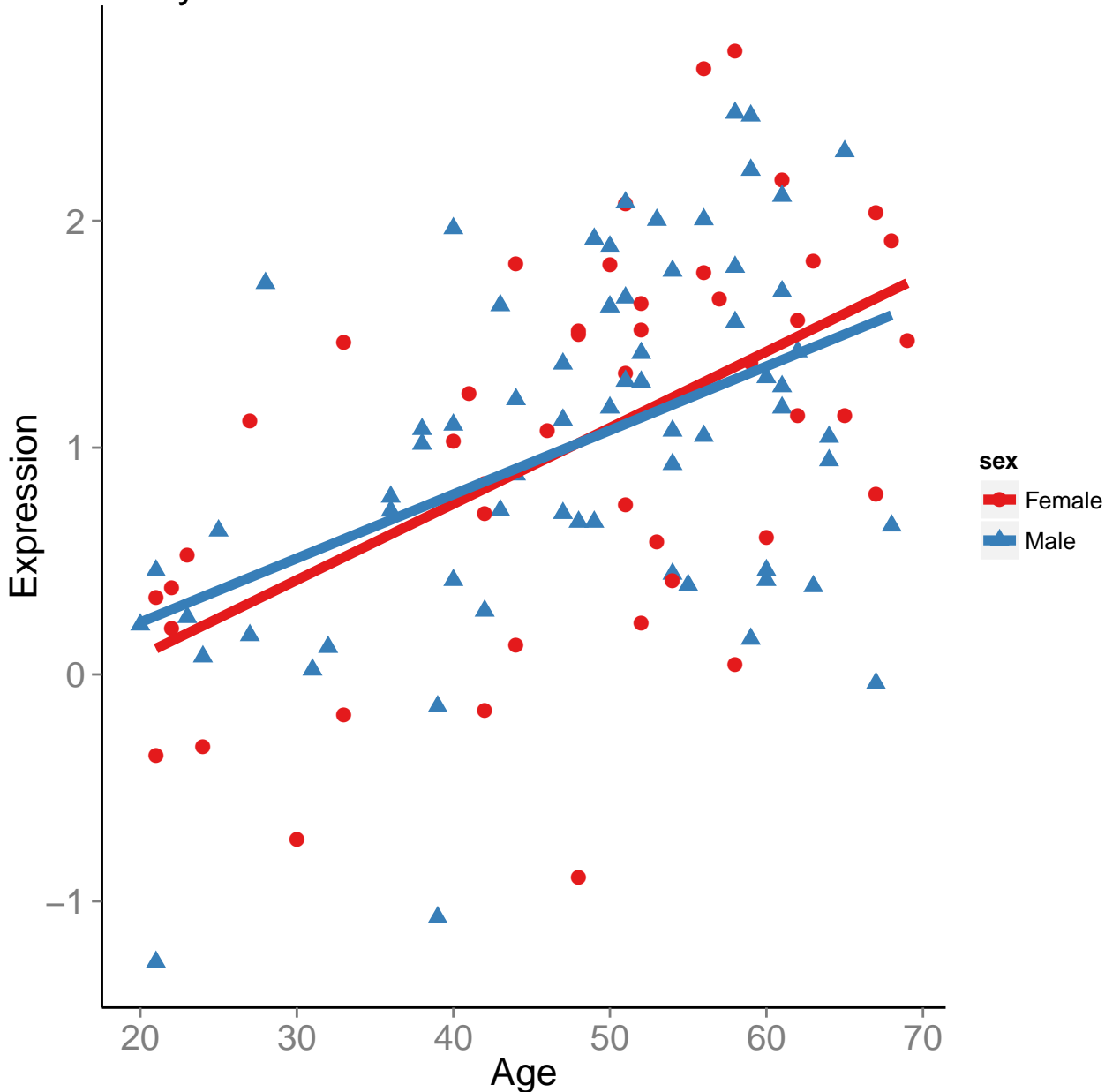
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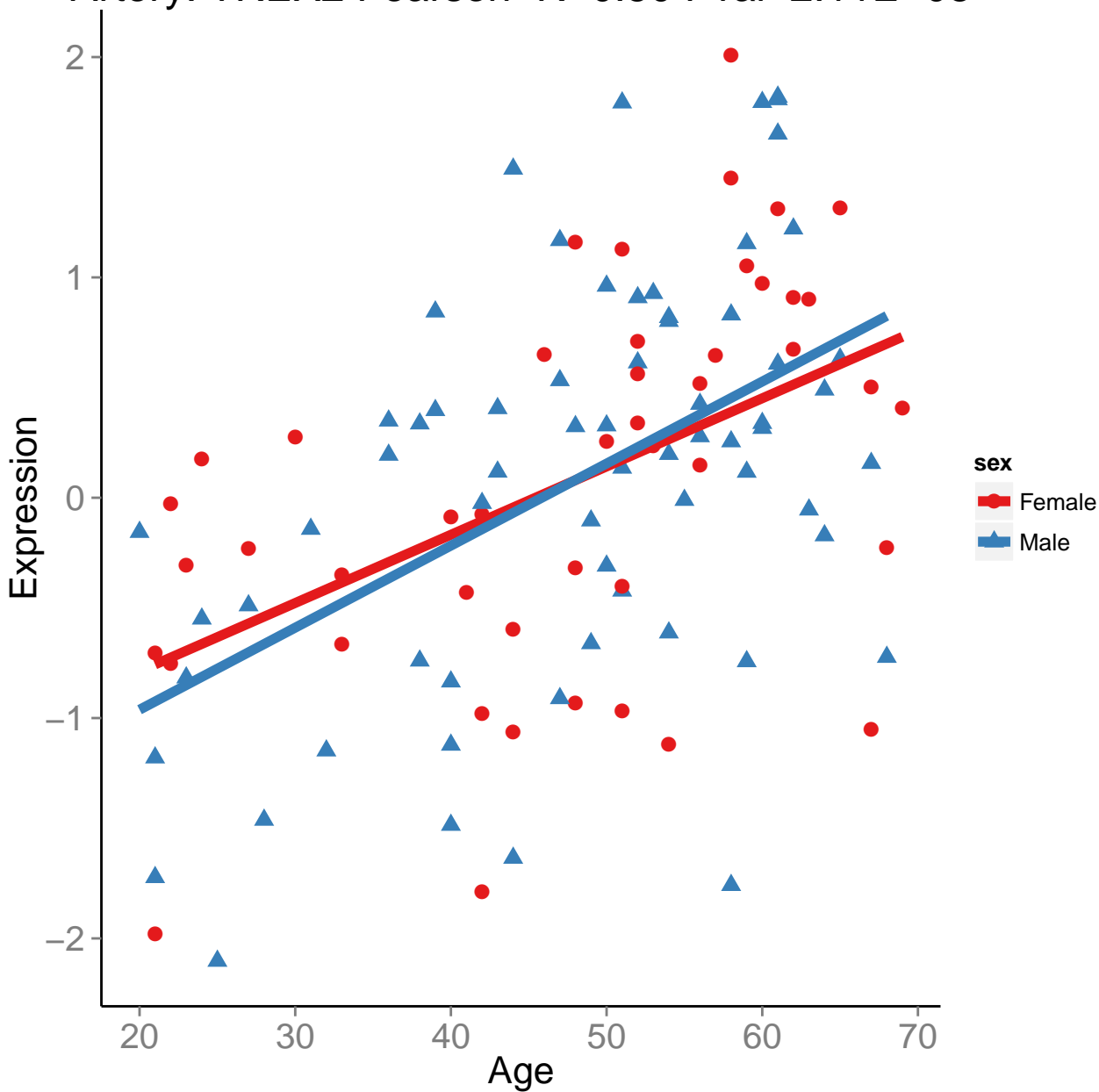
Artery: MAN2C1 Pearson-R=0.50 Pval=2.07E-08



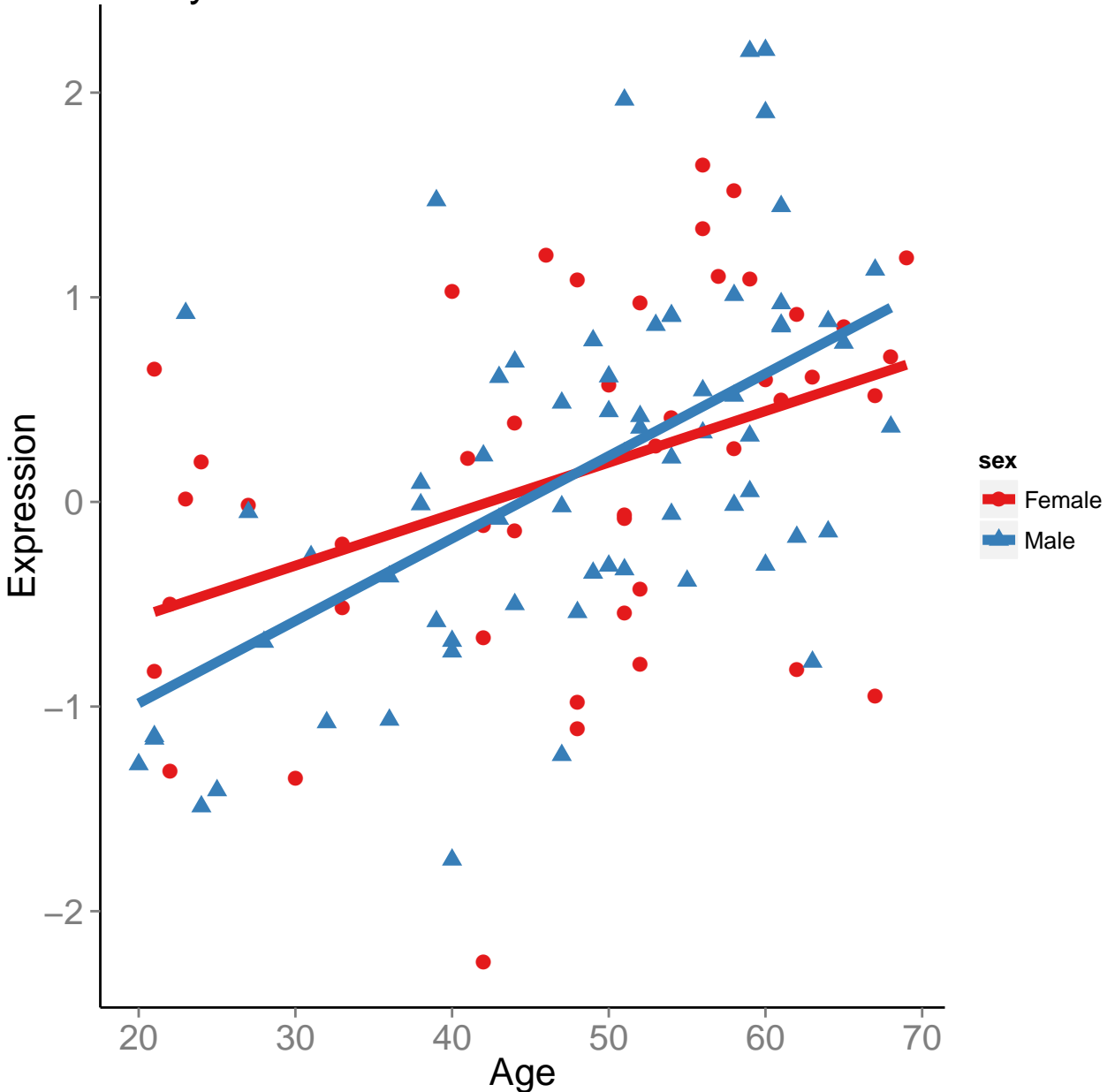
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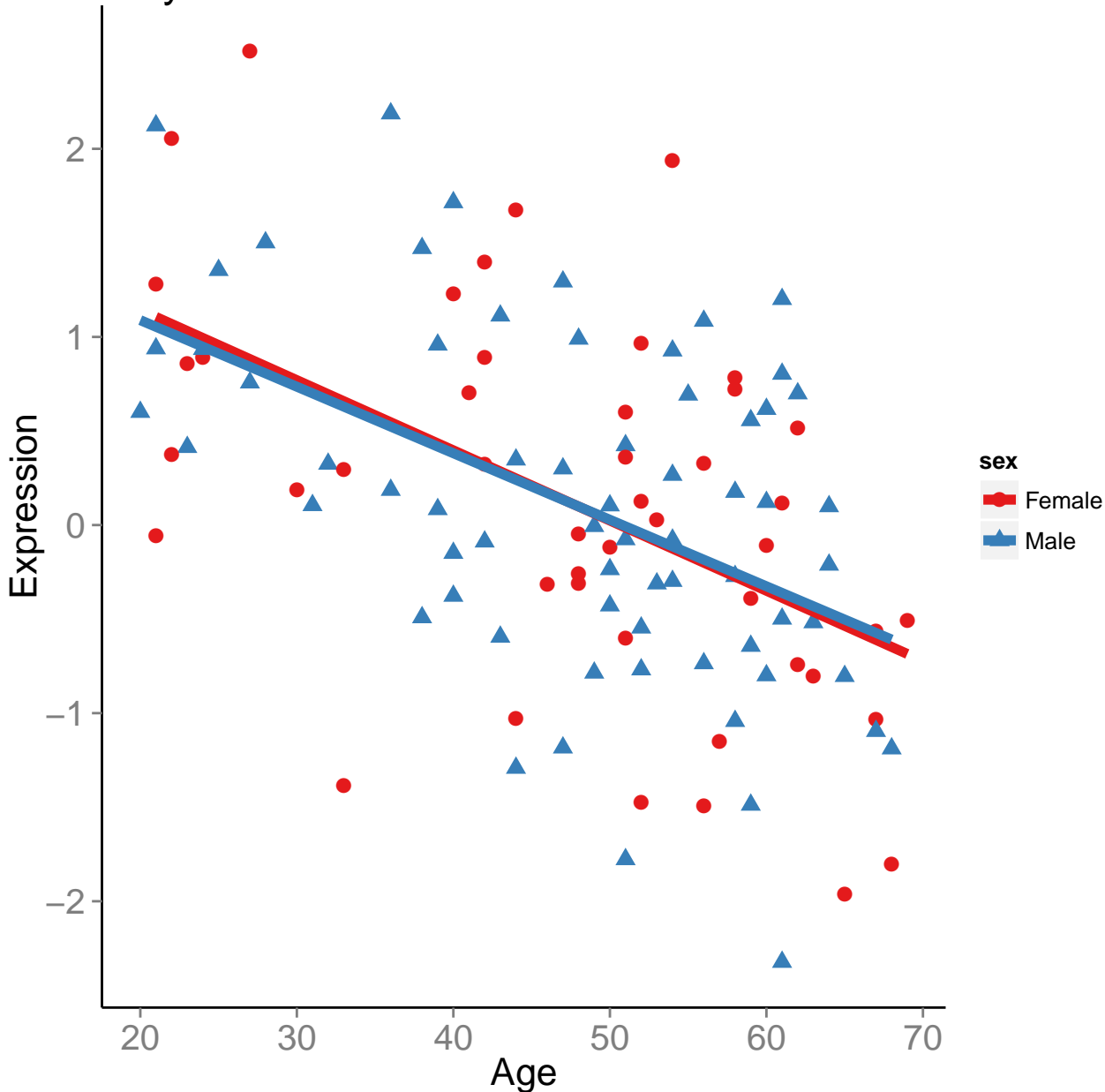
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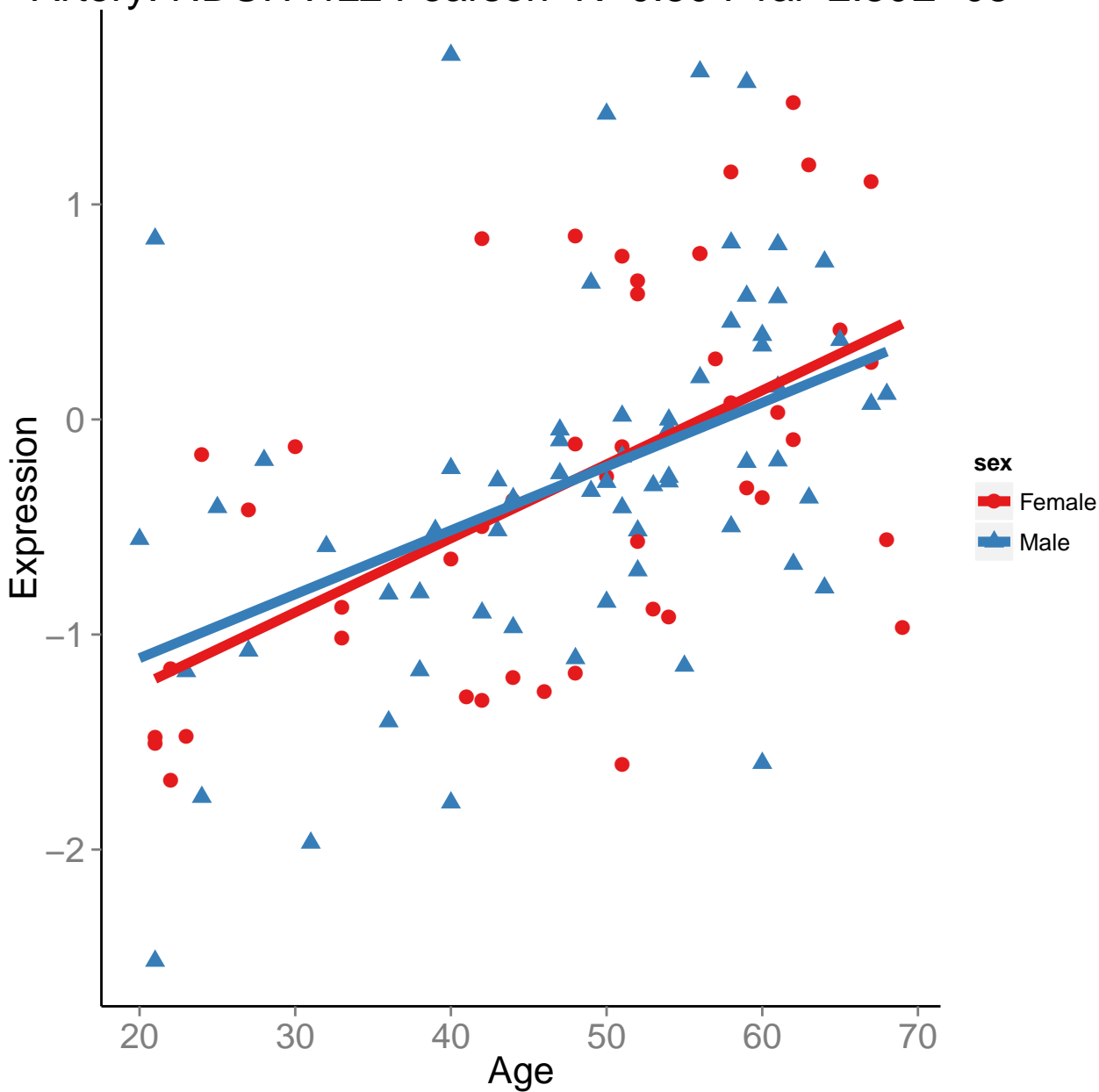
Artery: ME3 Pearson-R=0.50 Pval=2.06E-08



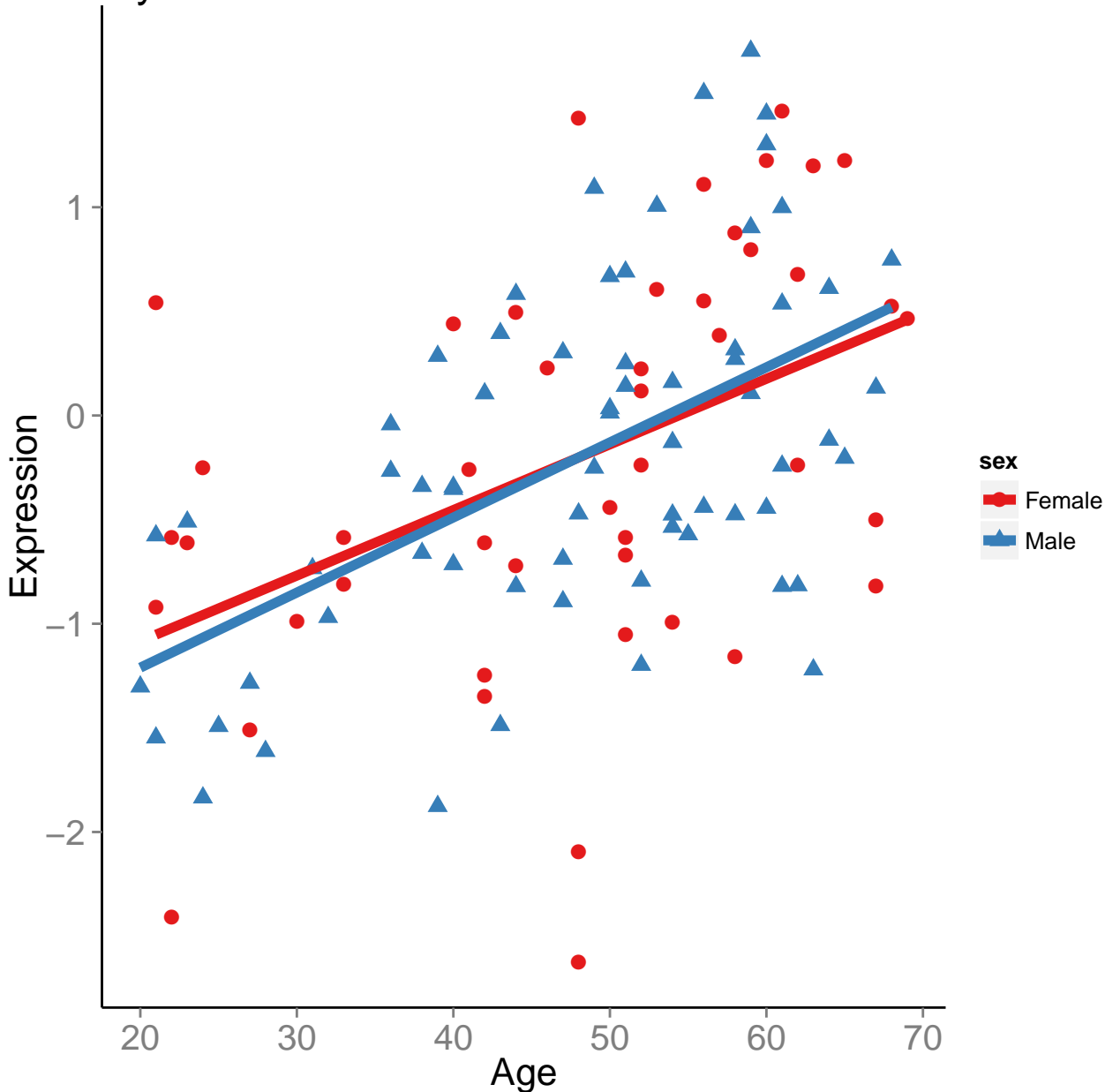
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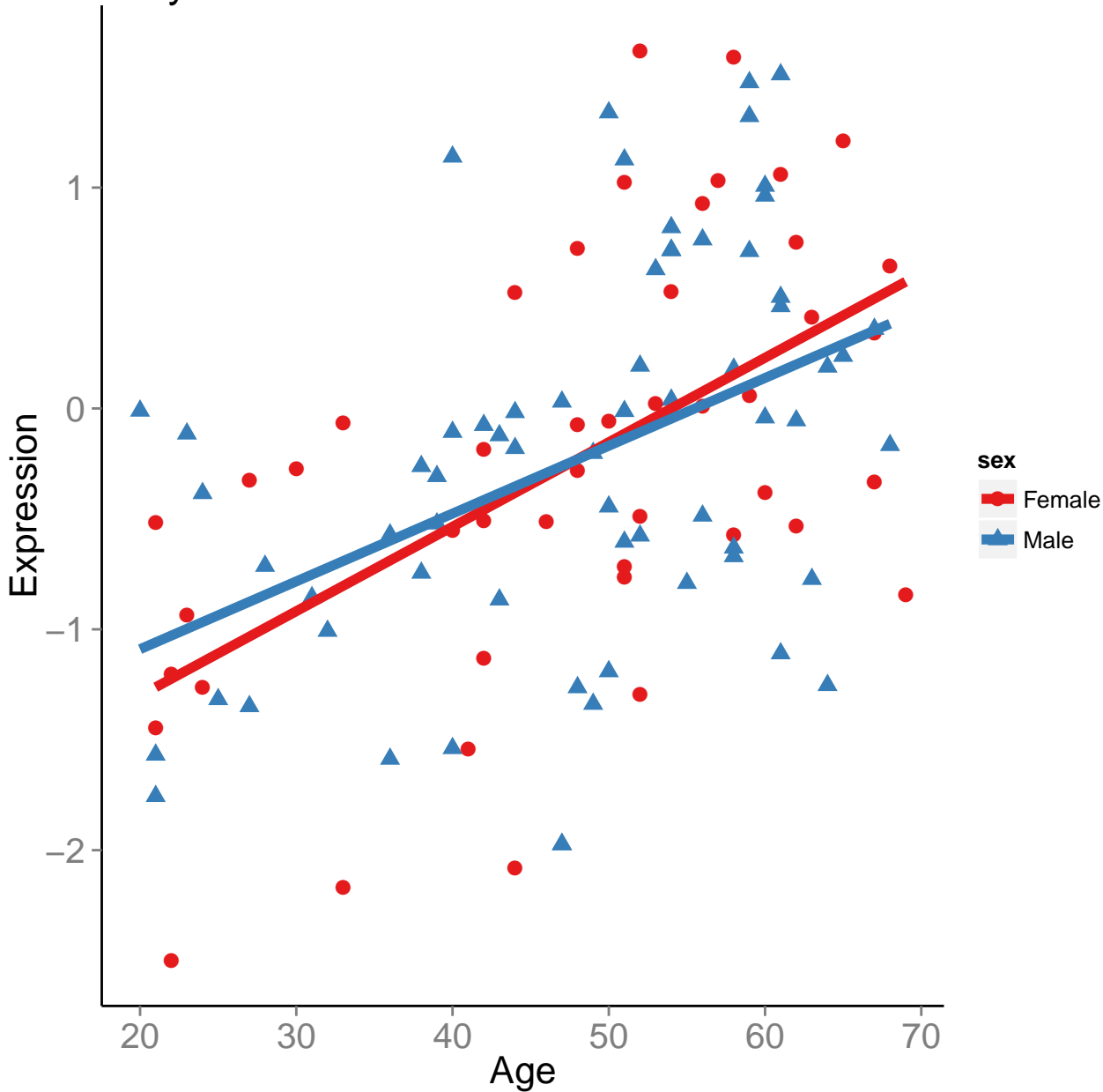
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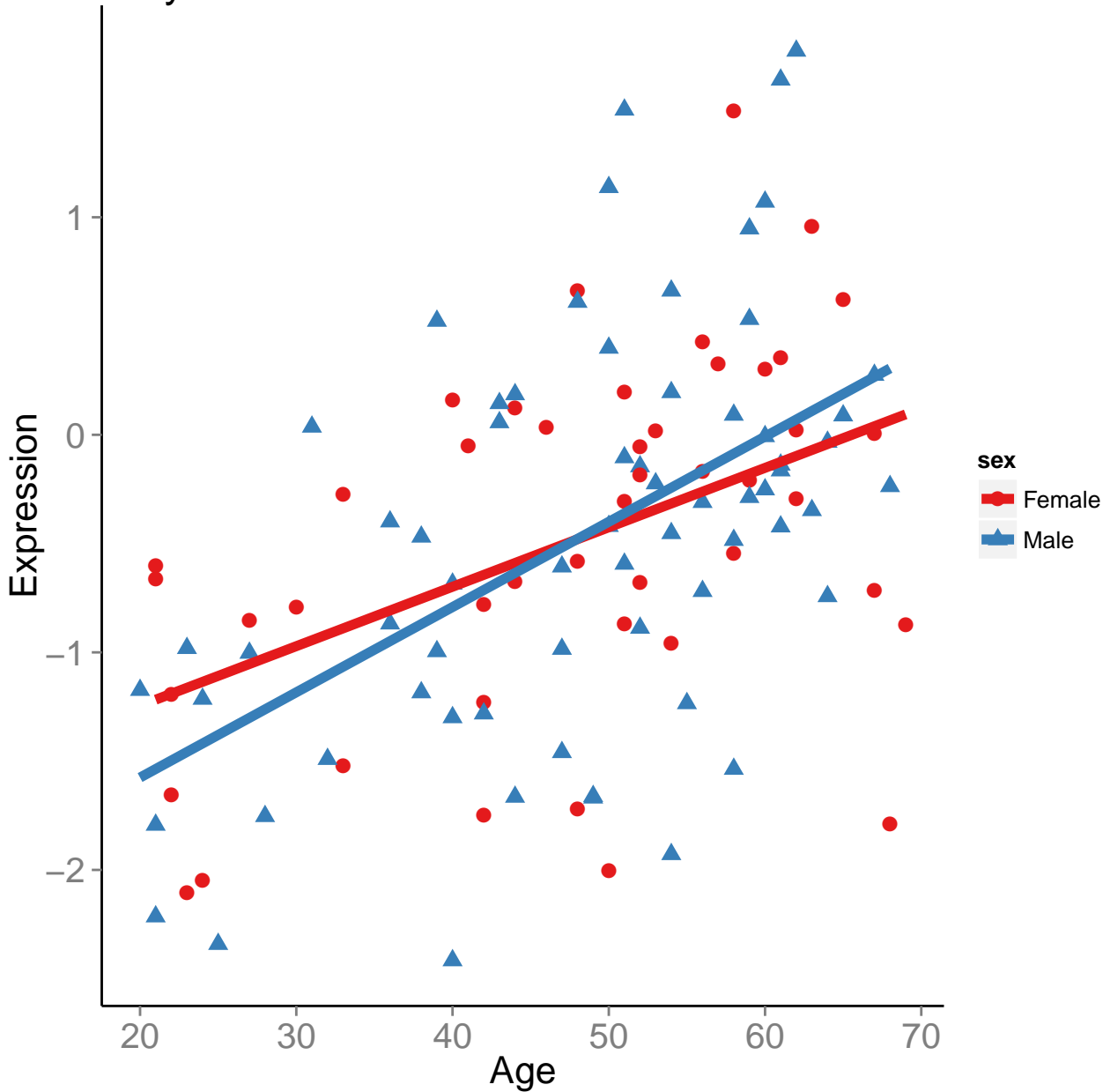
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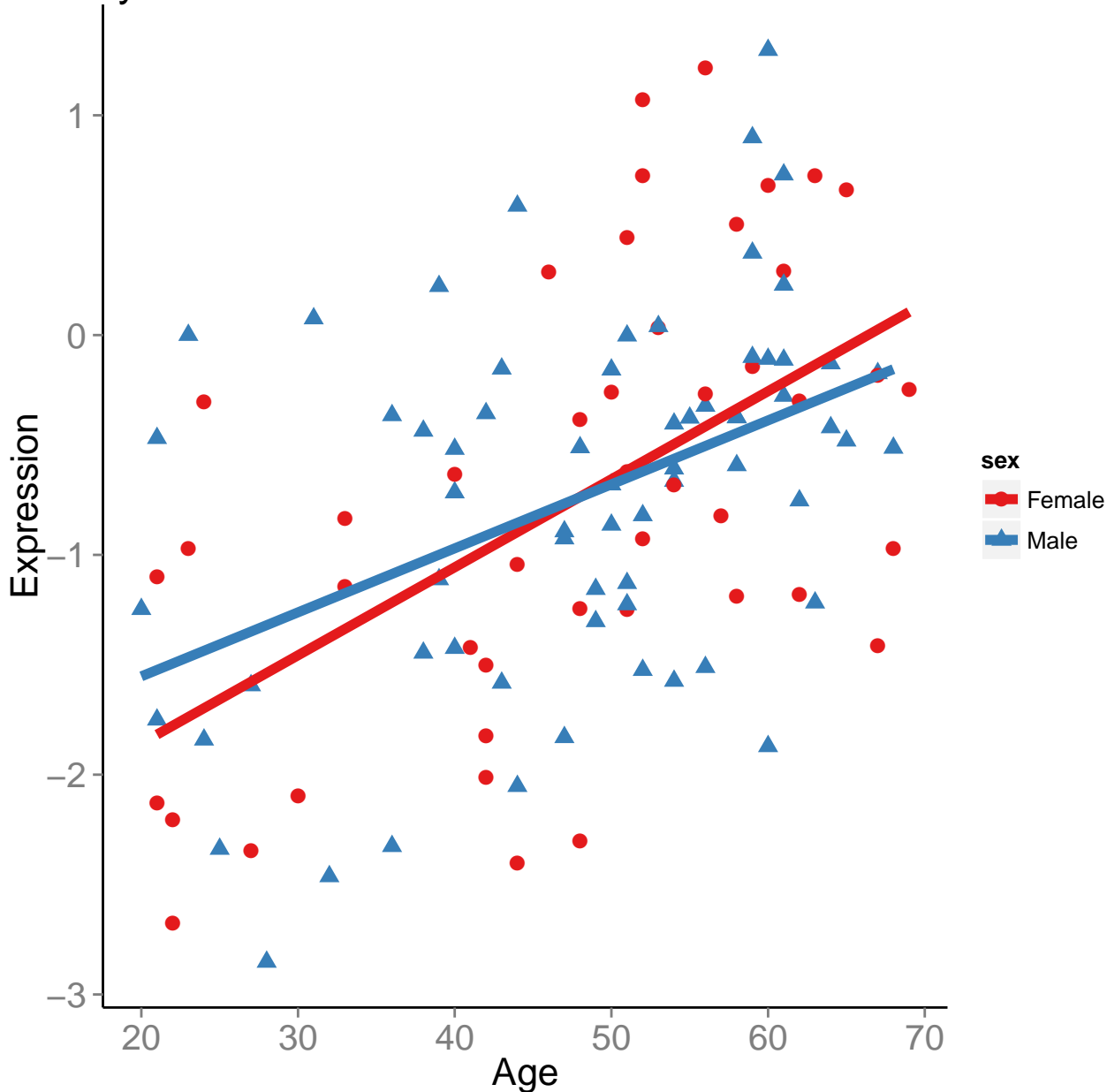
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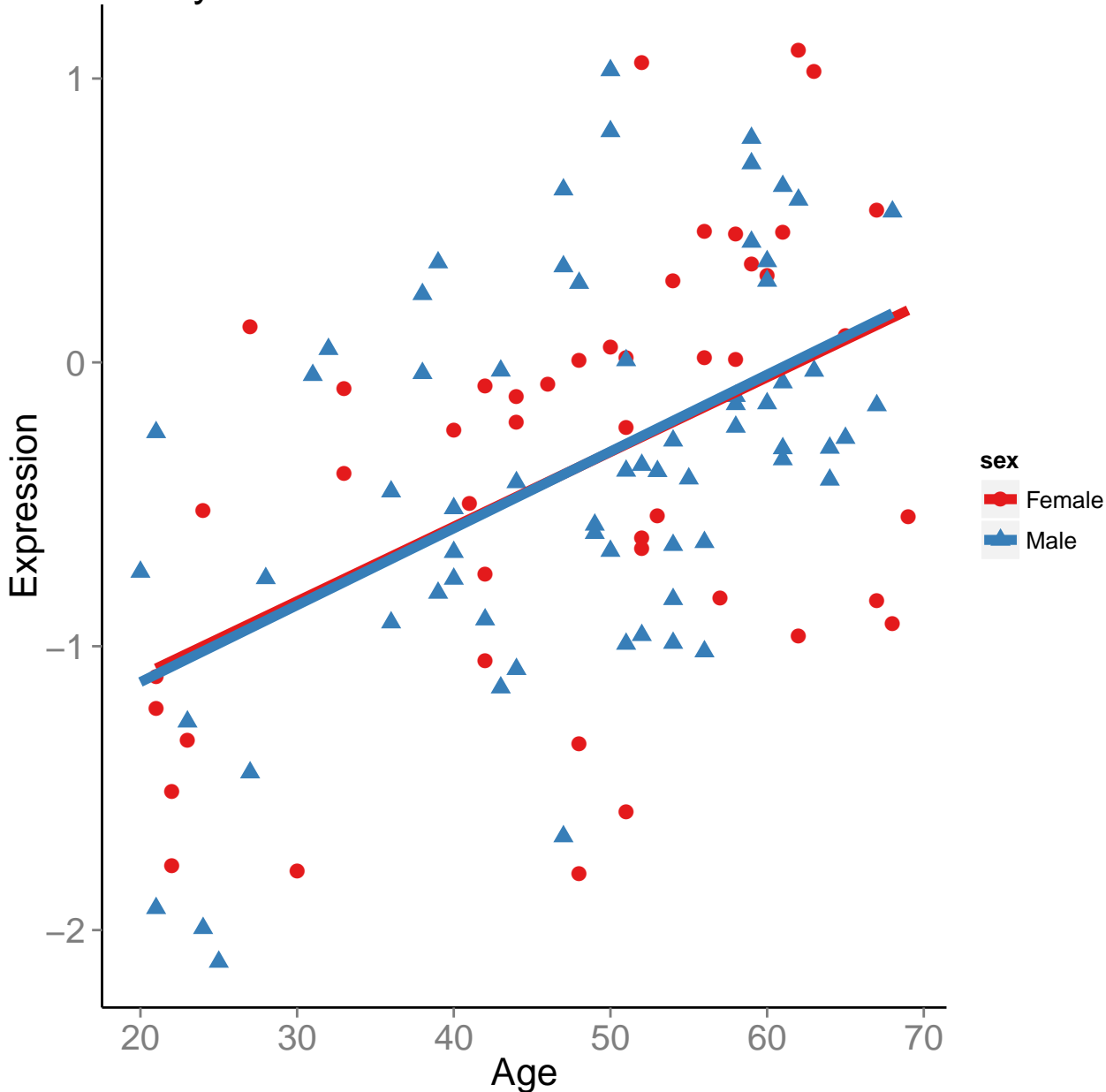
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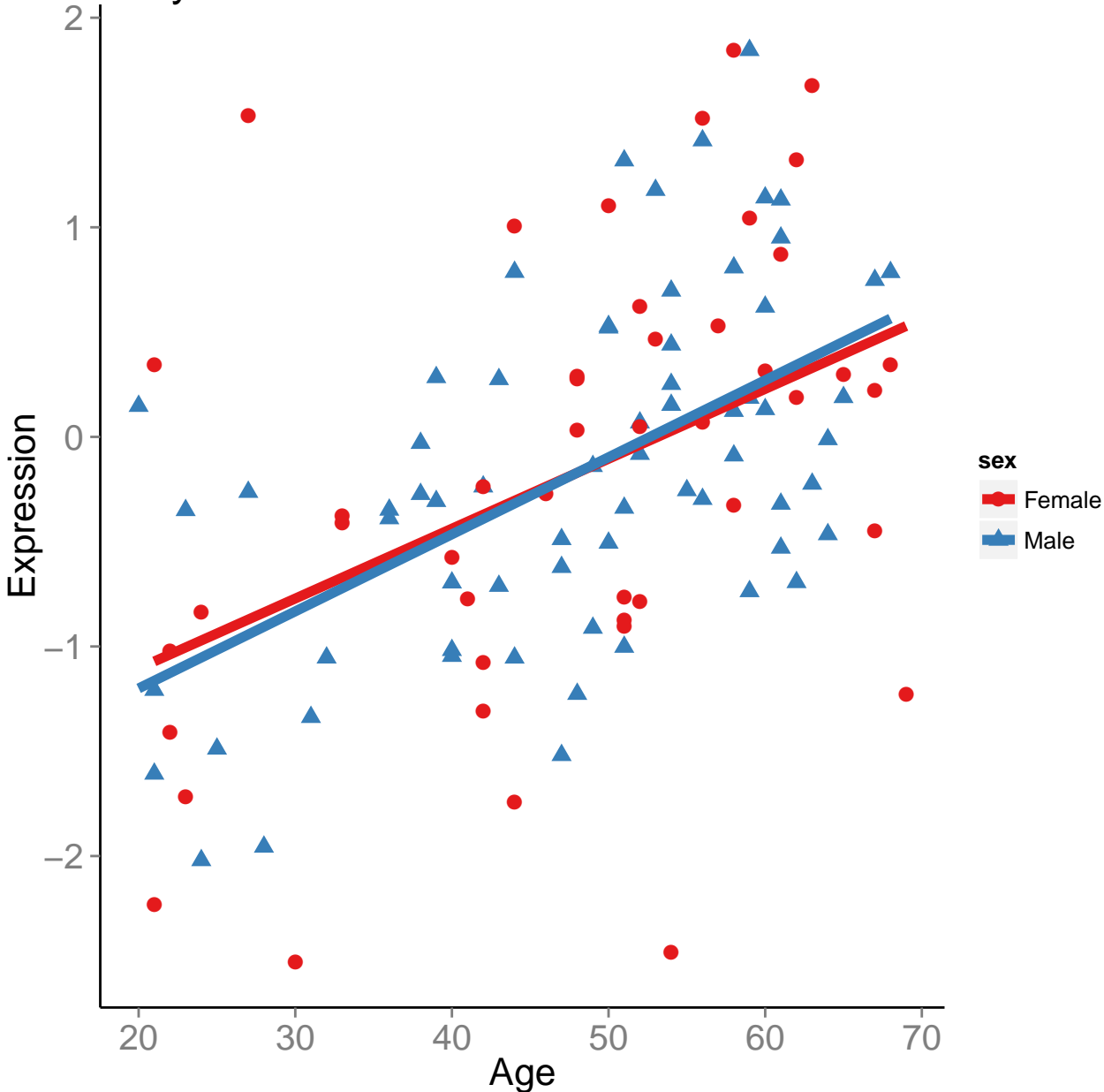
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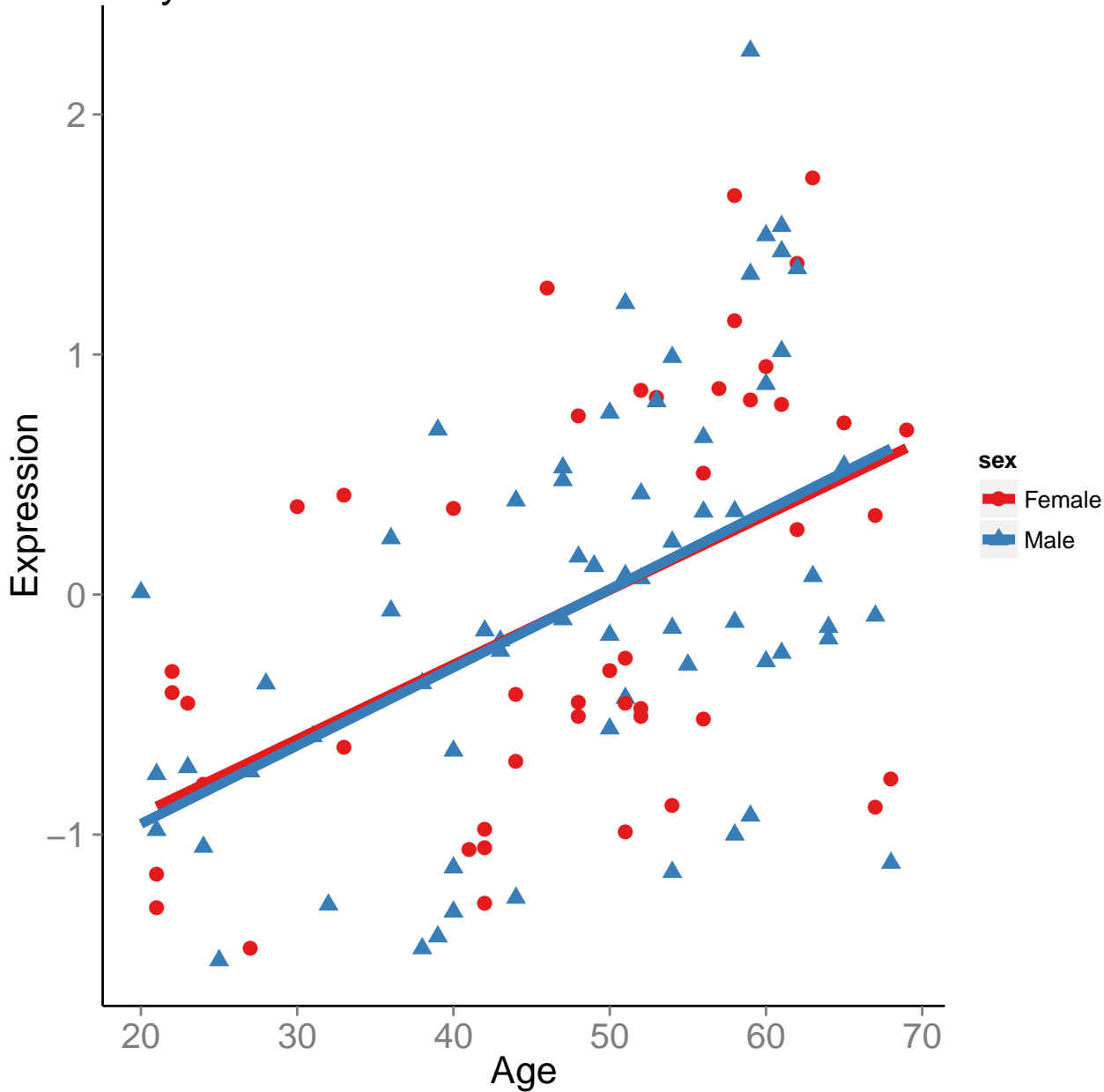
Artery: IL15 Pearson-R=0.50 Pval=2.55E-08



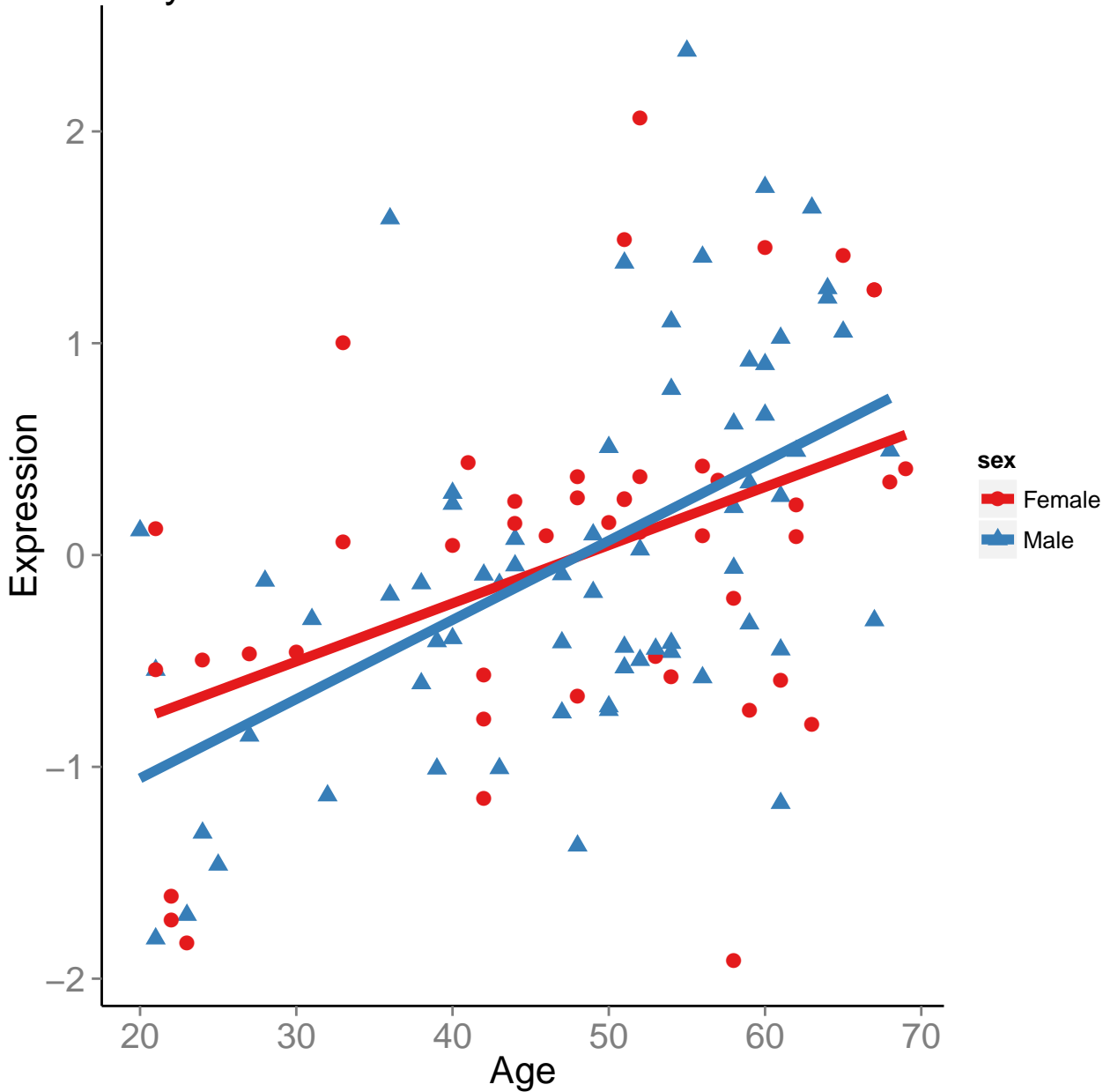
Artery: ASIC3 Pearson-R=0.50 Pval=2.62E-08



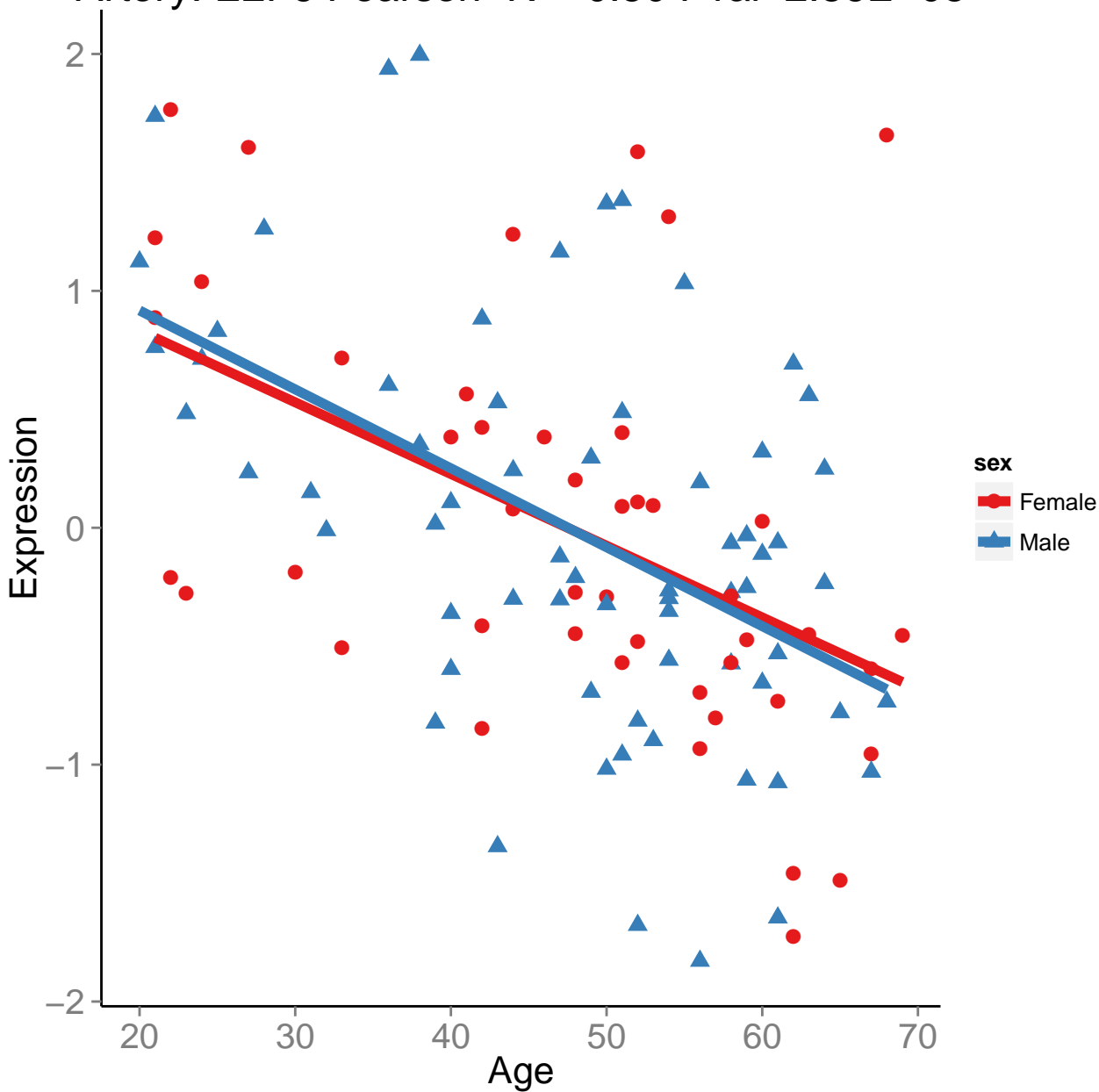
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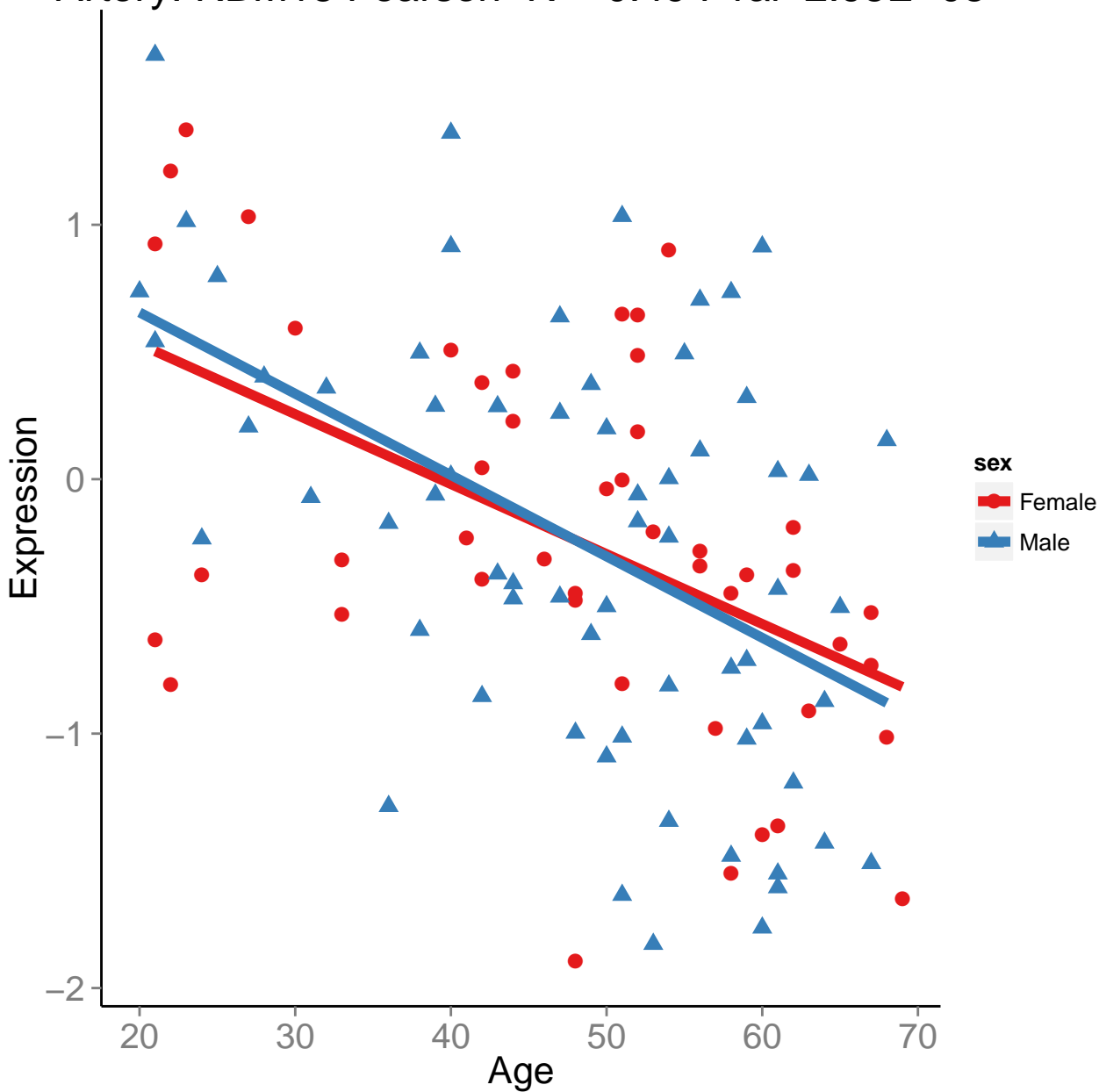
Artery: PREX2 Pearson-R=0.50 Pval=2.87E-08



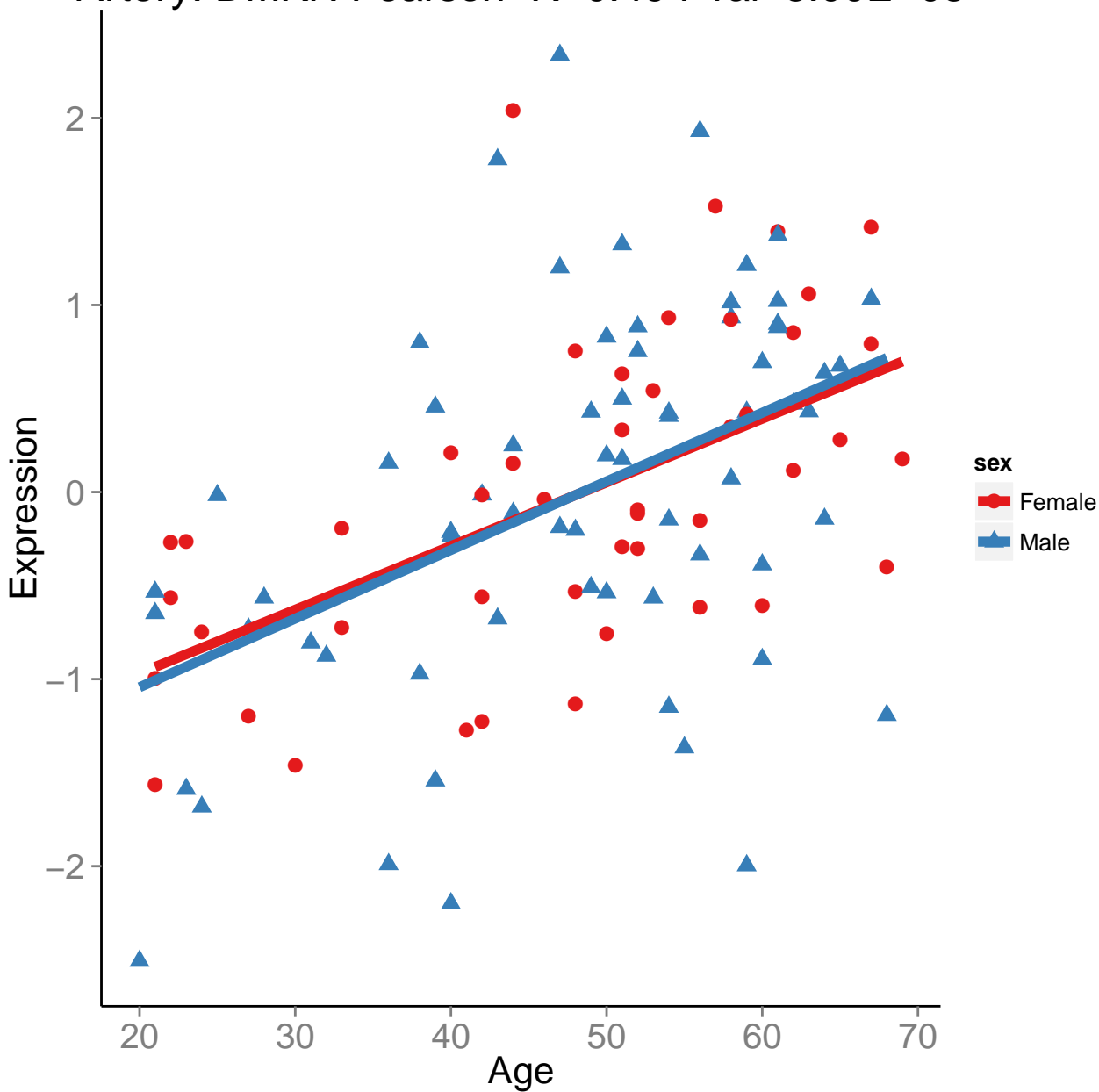
Artery: E2F6 Pearson-R=-0.50 Pval=2.86E-08



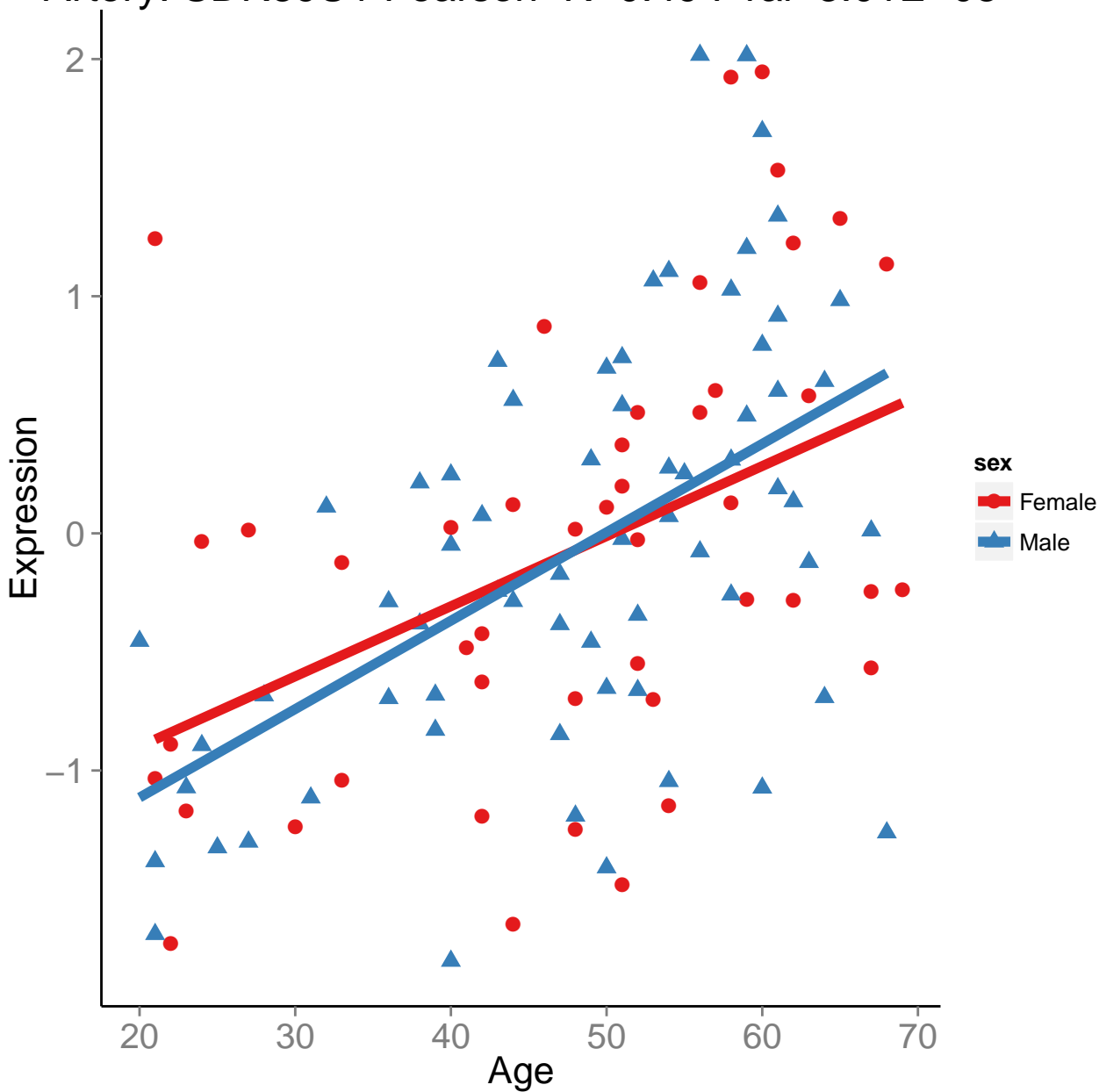
Artery: RBM18 Pearson-R=-0.49 Pval=2.95E-08



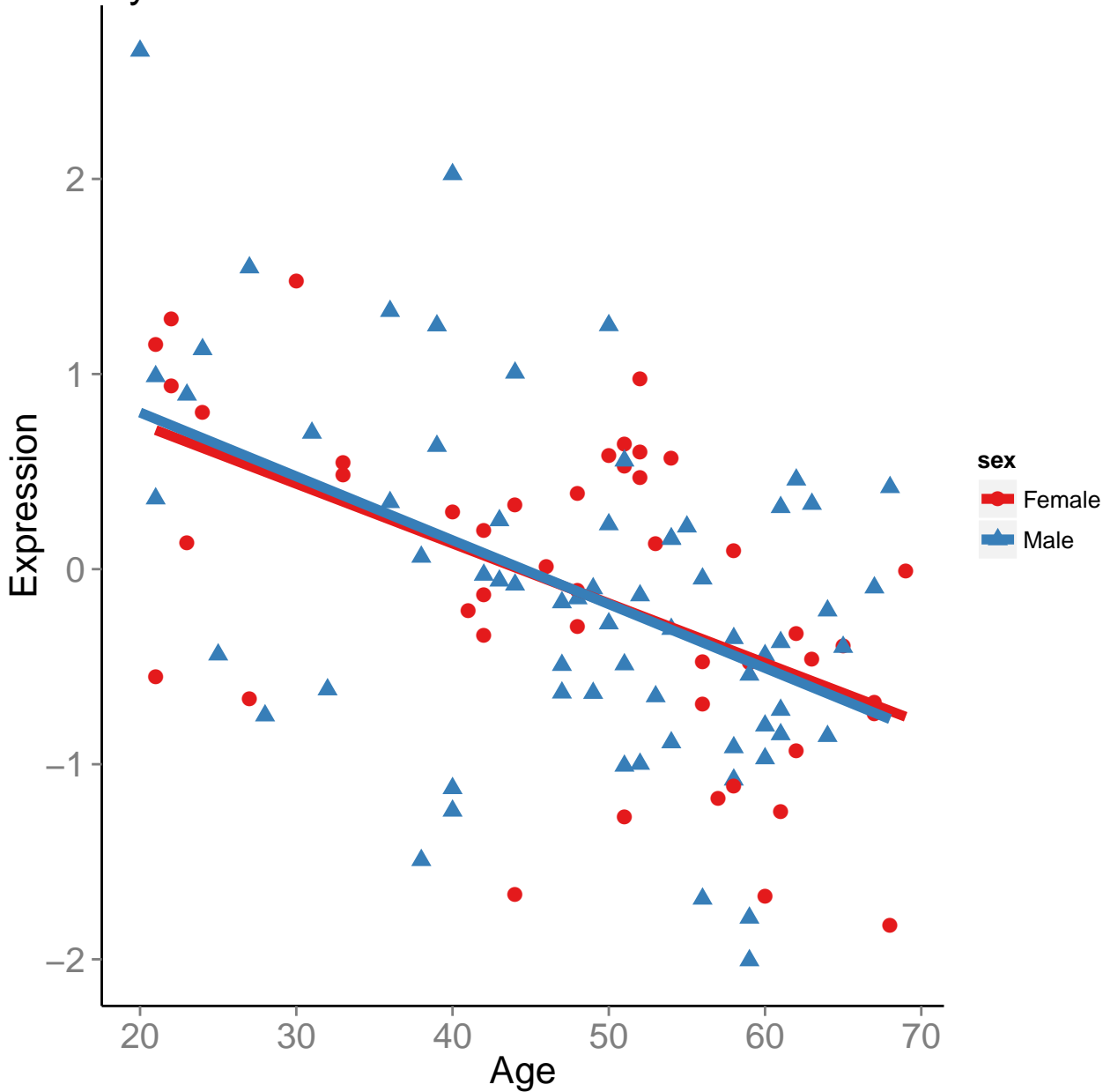
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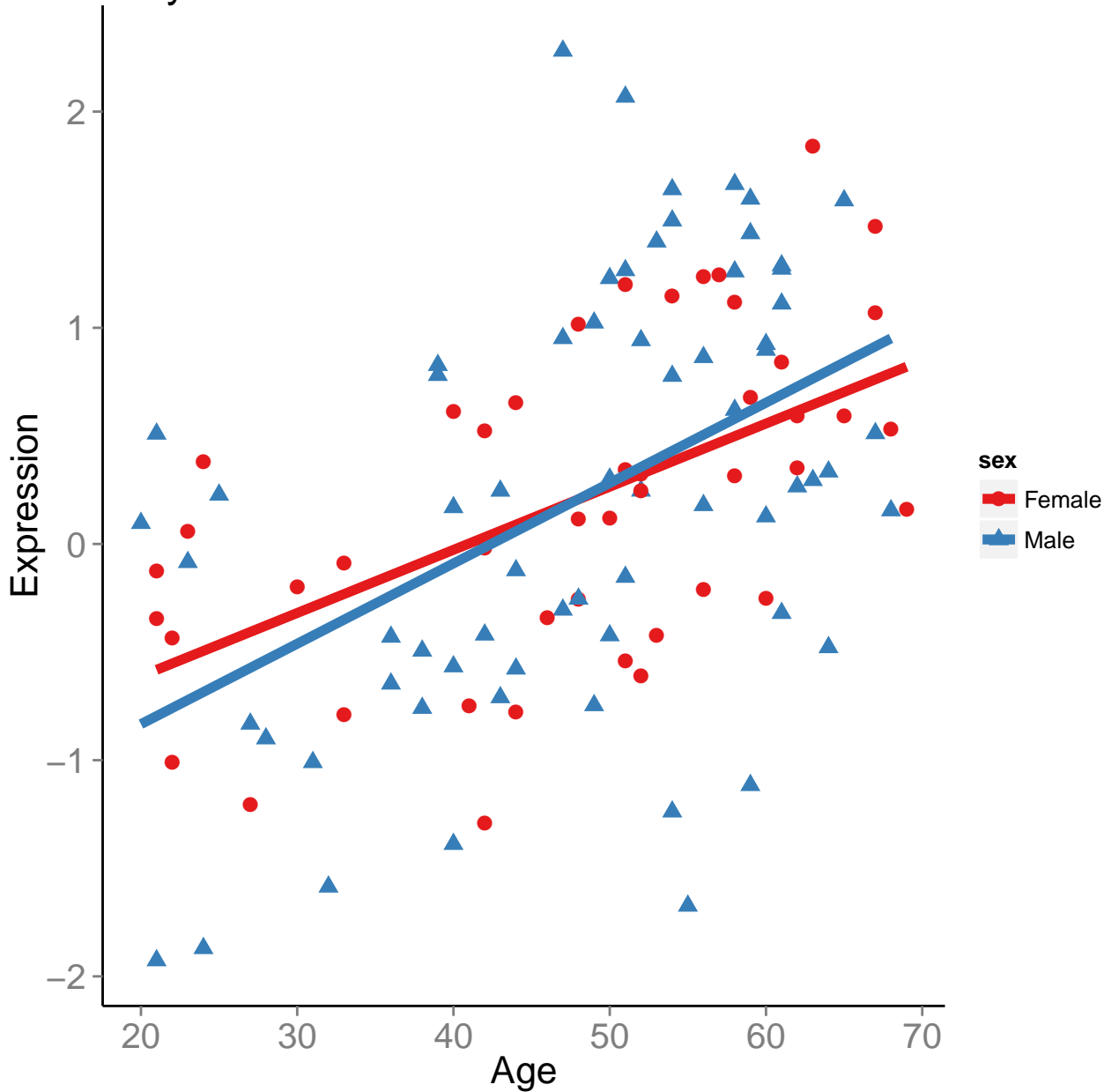
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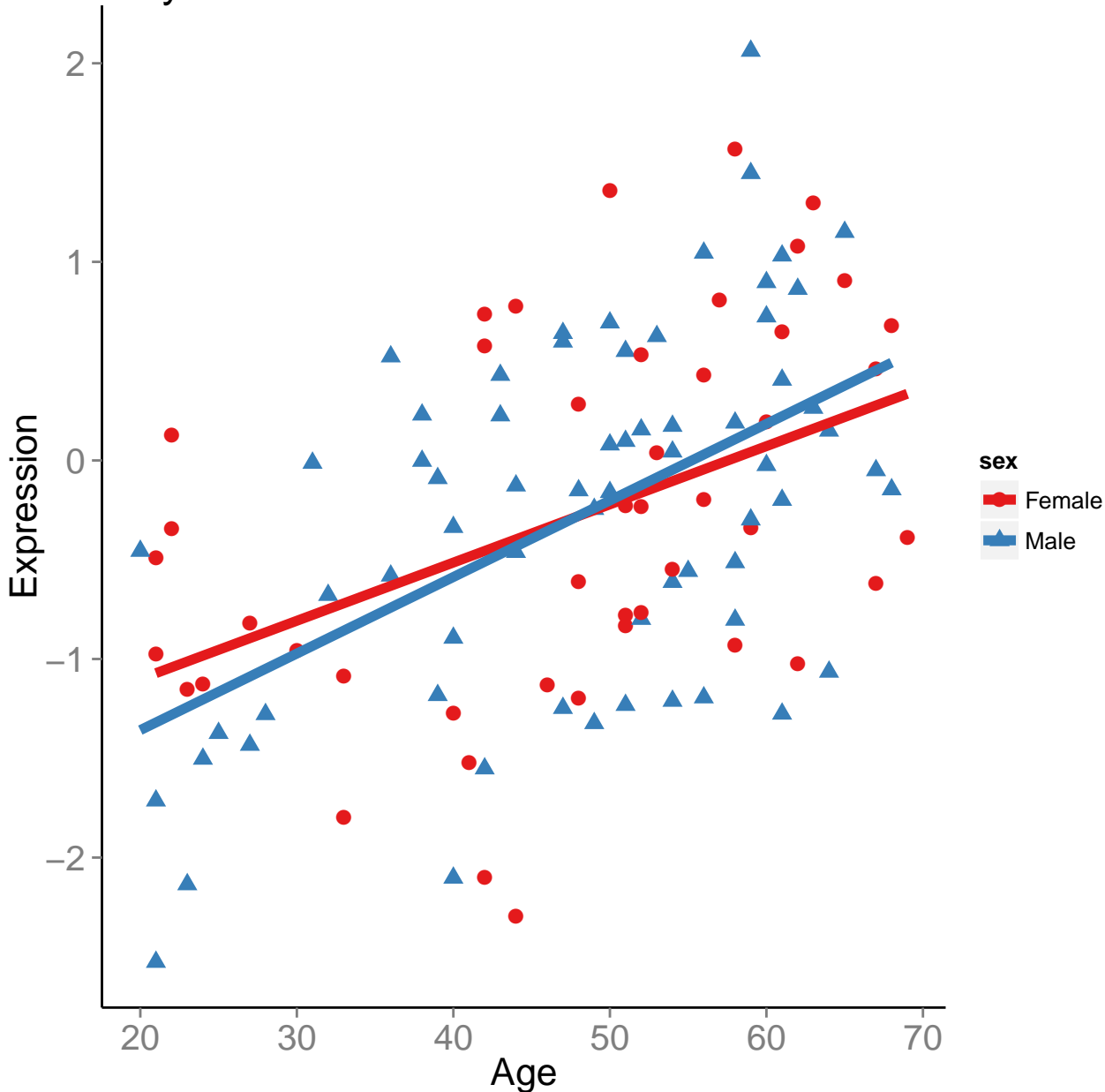
Artery: FAM115A Pearson-R=-0.49 Pval=3.16E-08



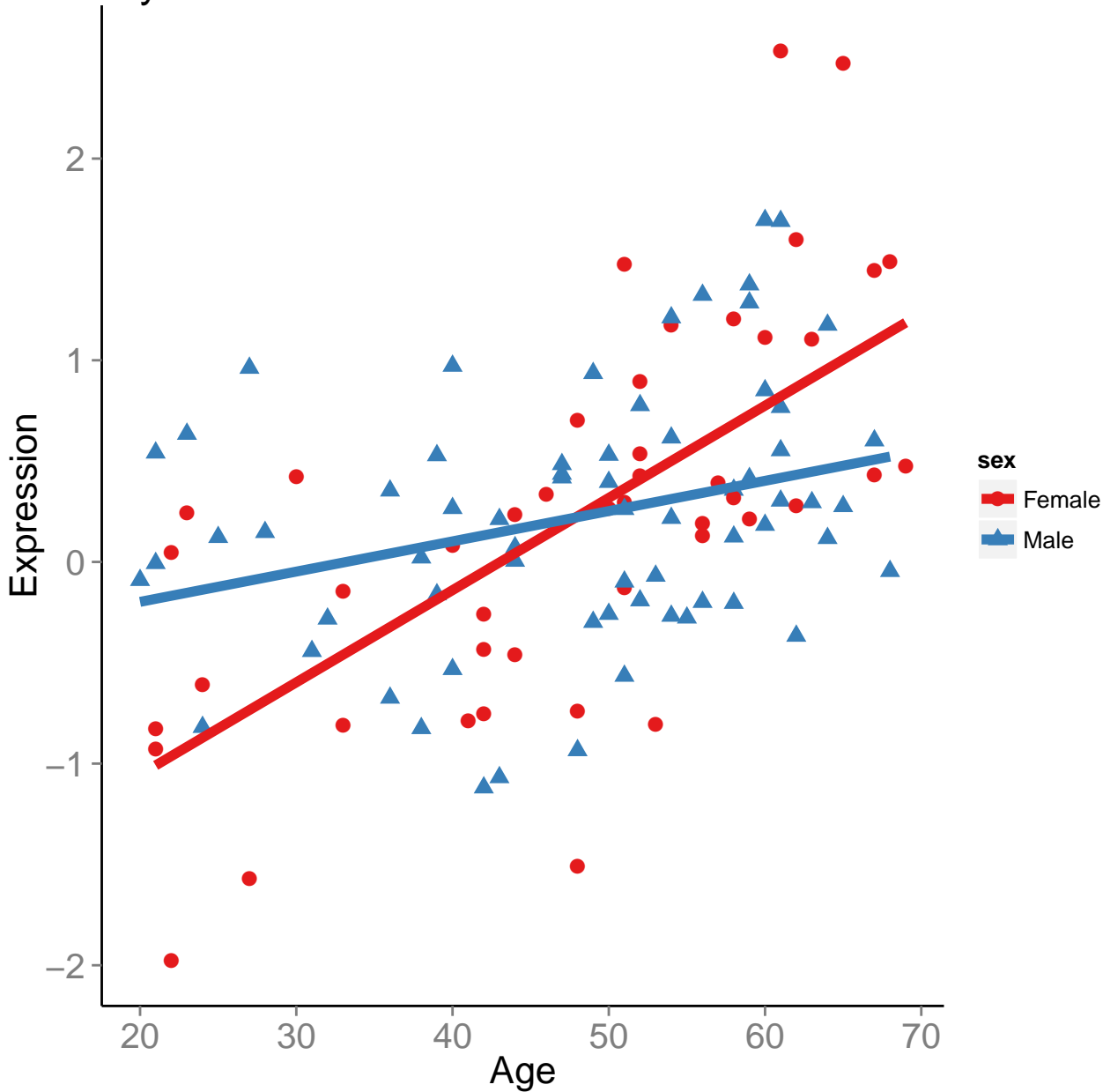
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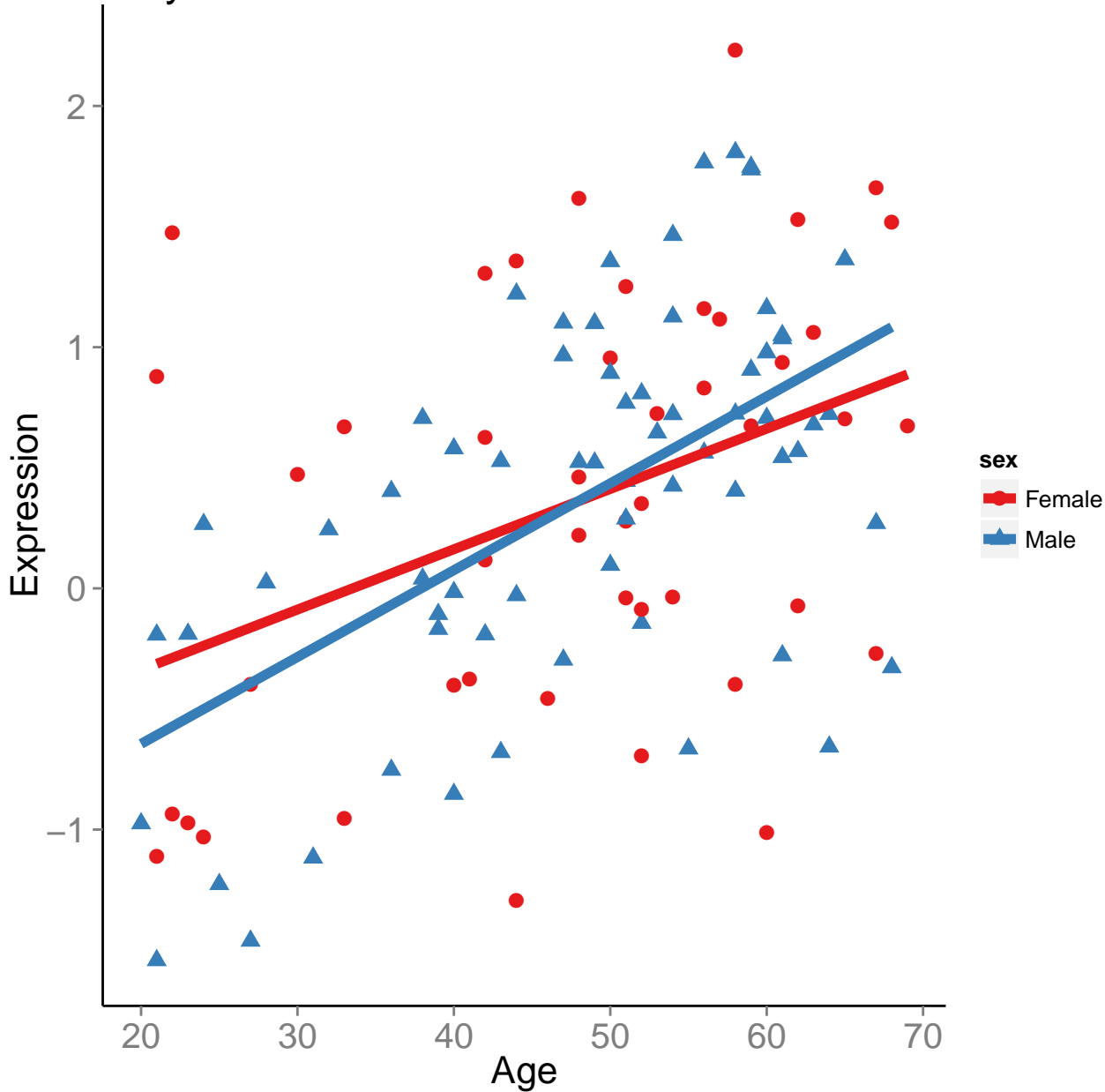
Artery: ADAM8 Pearson-R=0.49 Pval=3.47E-08



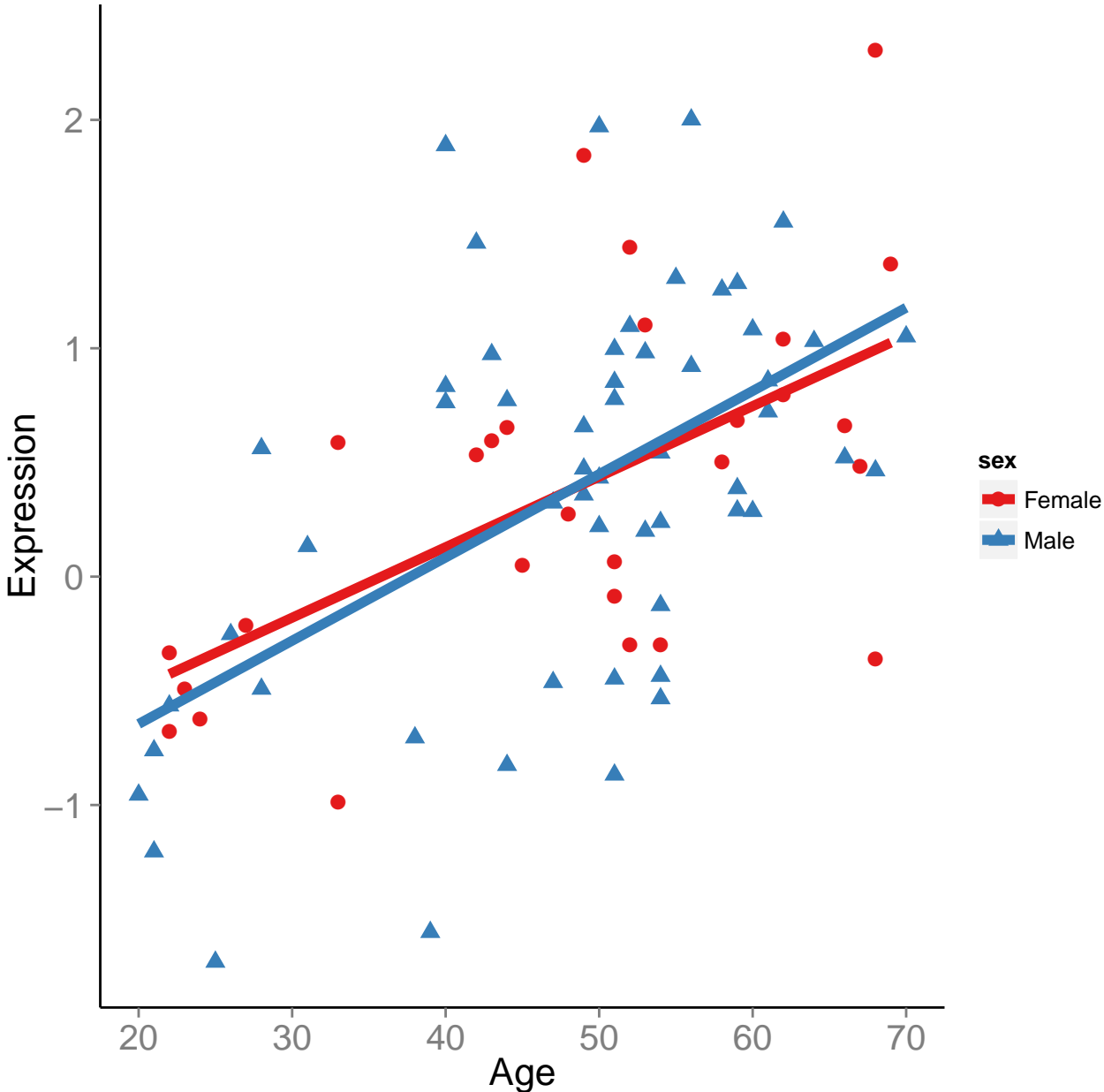
Artery: NCKIPSD Pearson-R=0.49 Pval=3.44E-08



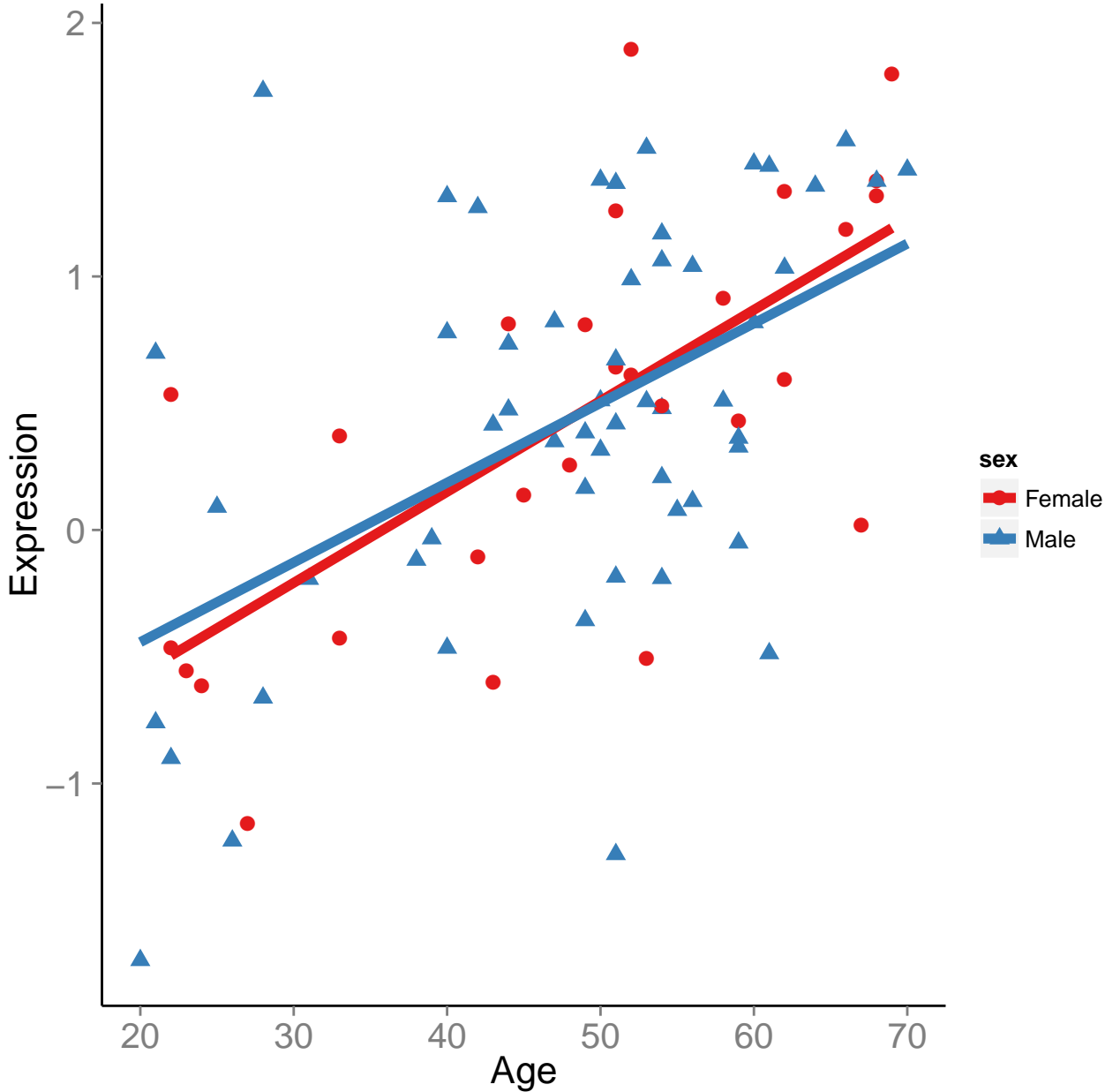
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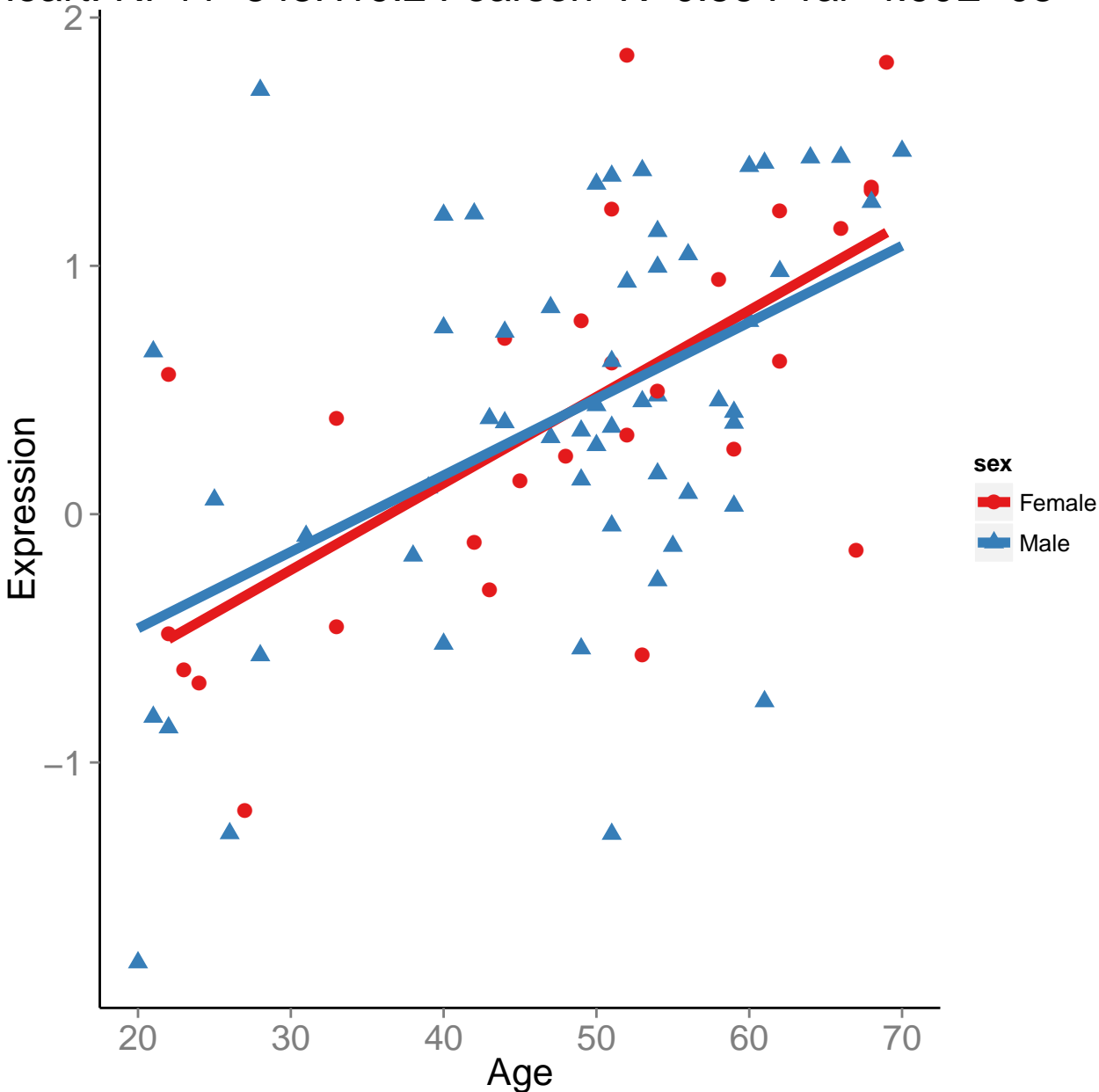
Heart: FGR Pearson-R=0.55 Pval=6.83E-08



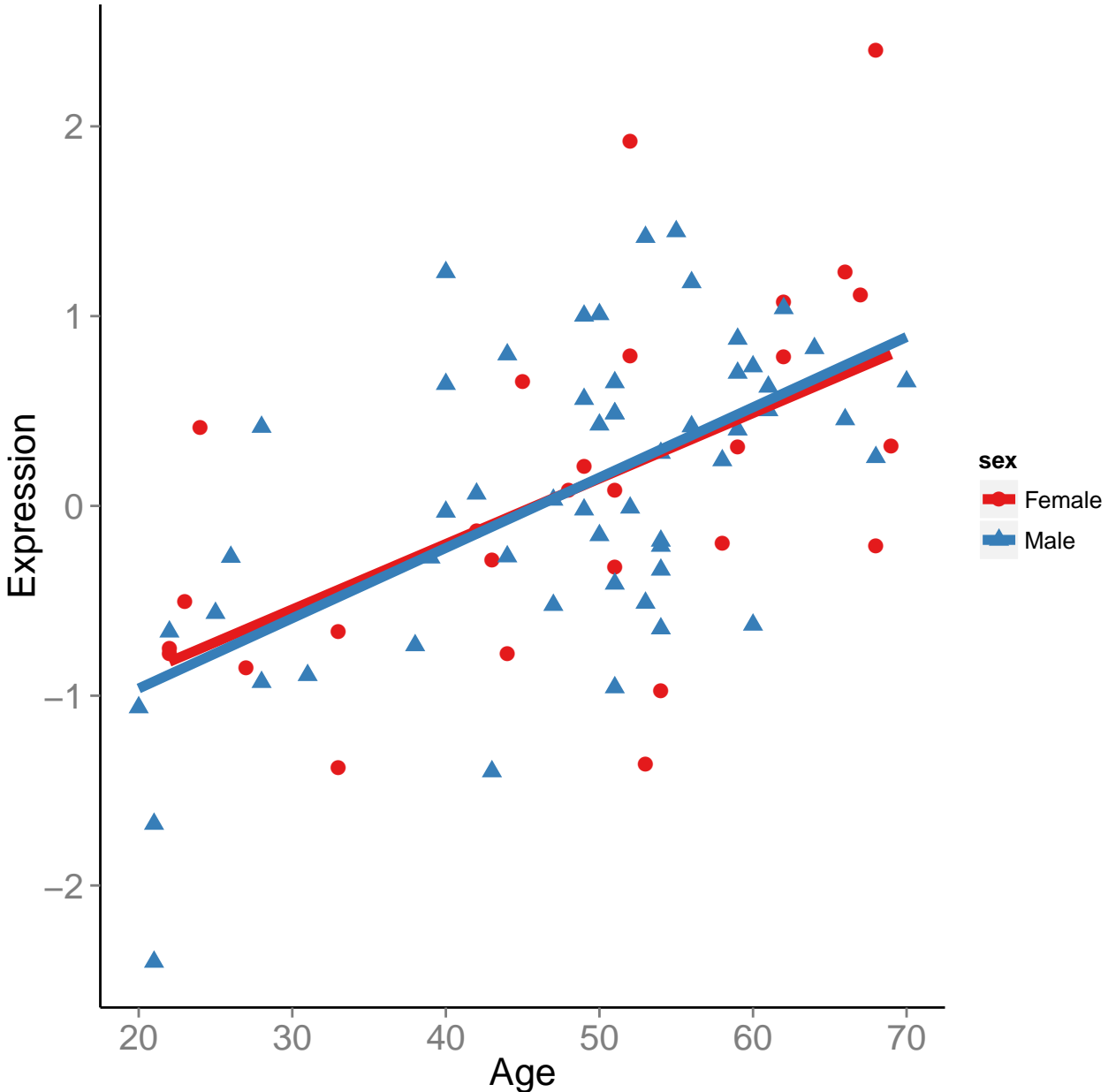
Heart: MT1X Pearson-R=0.57 Pval=2.07E-08



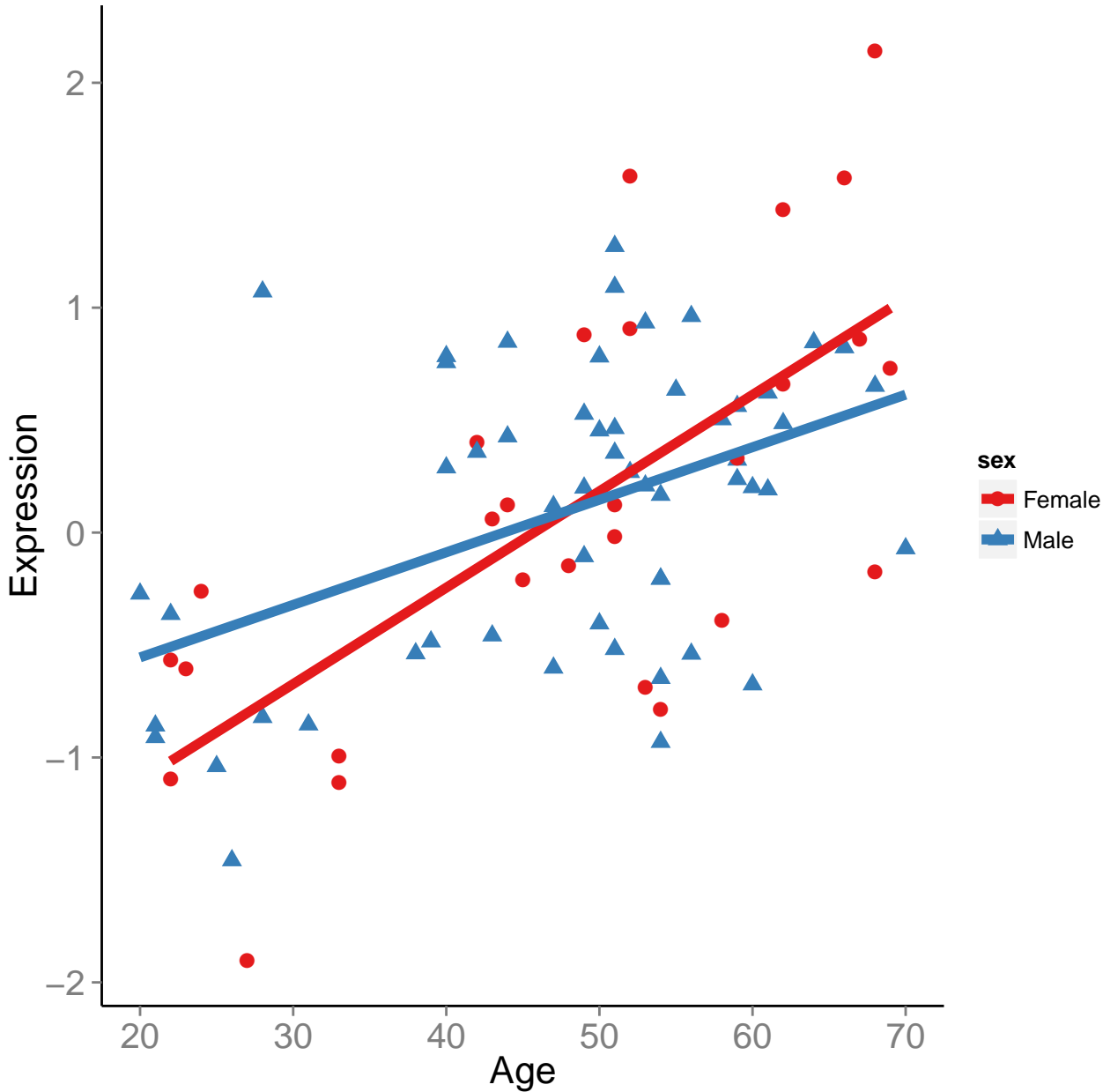
Heart: RP11-343H19.2 Pearson-R=0.56 Pval=4.90E-08



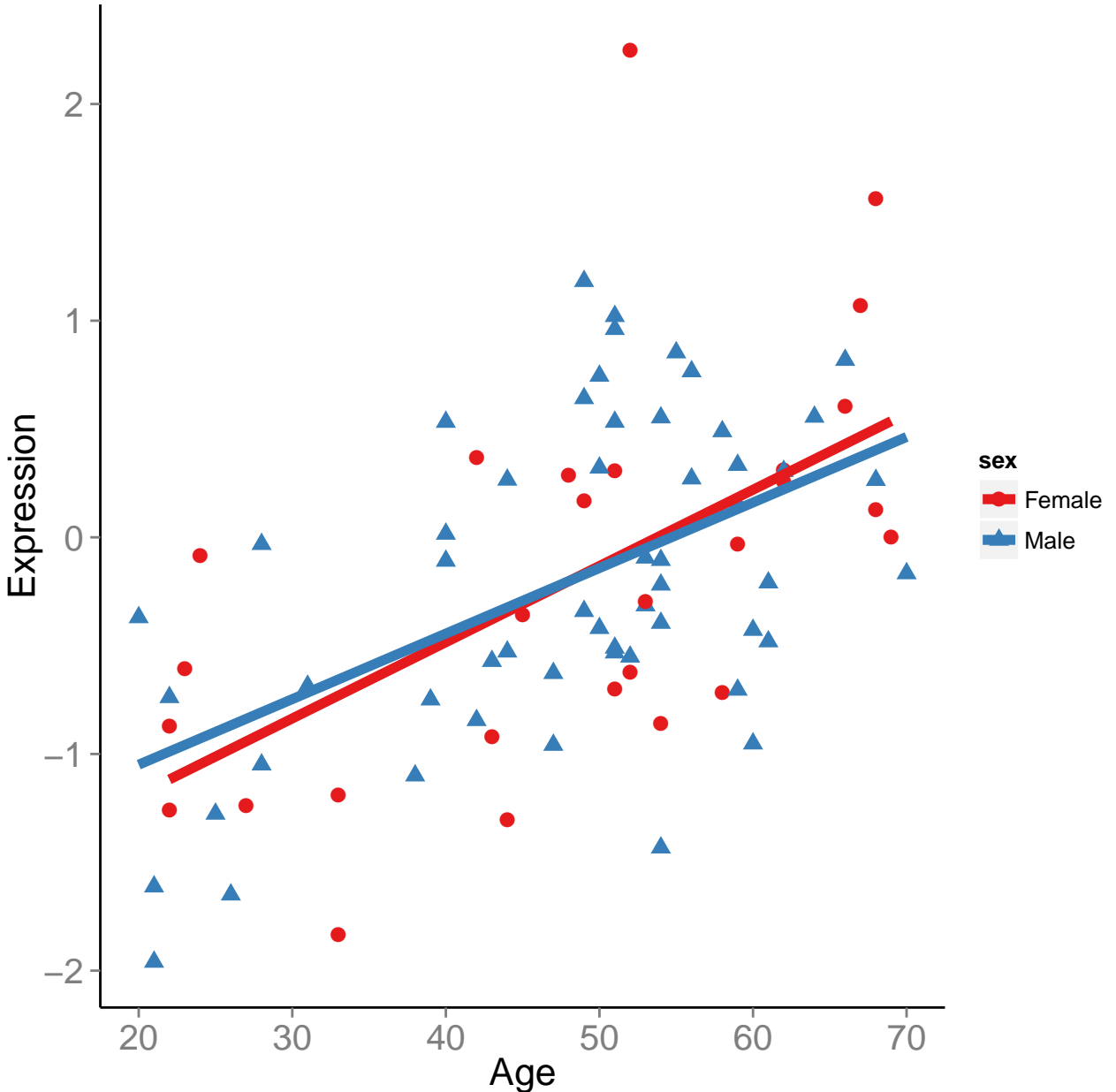
Heart: ING5 Pearson-R=0.58 Pval=1.05E-08



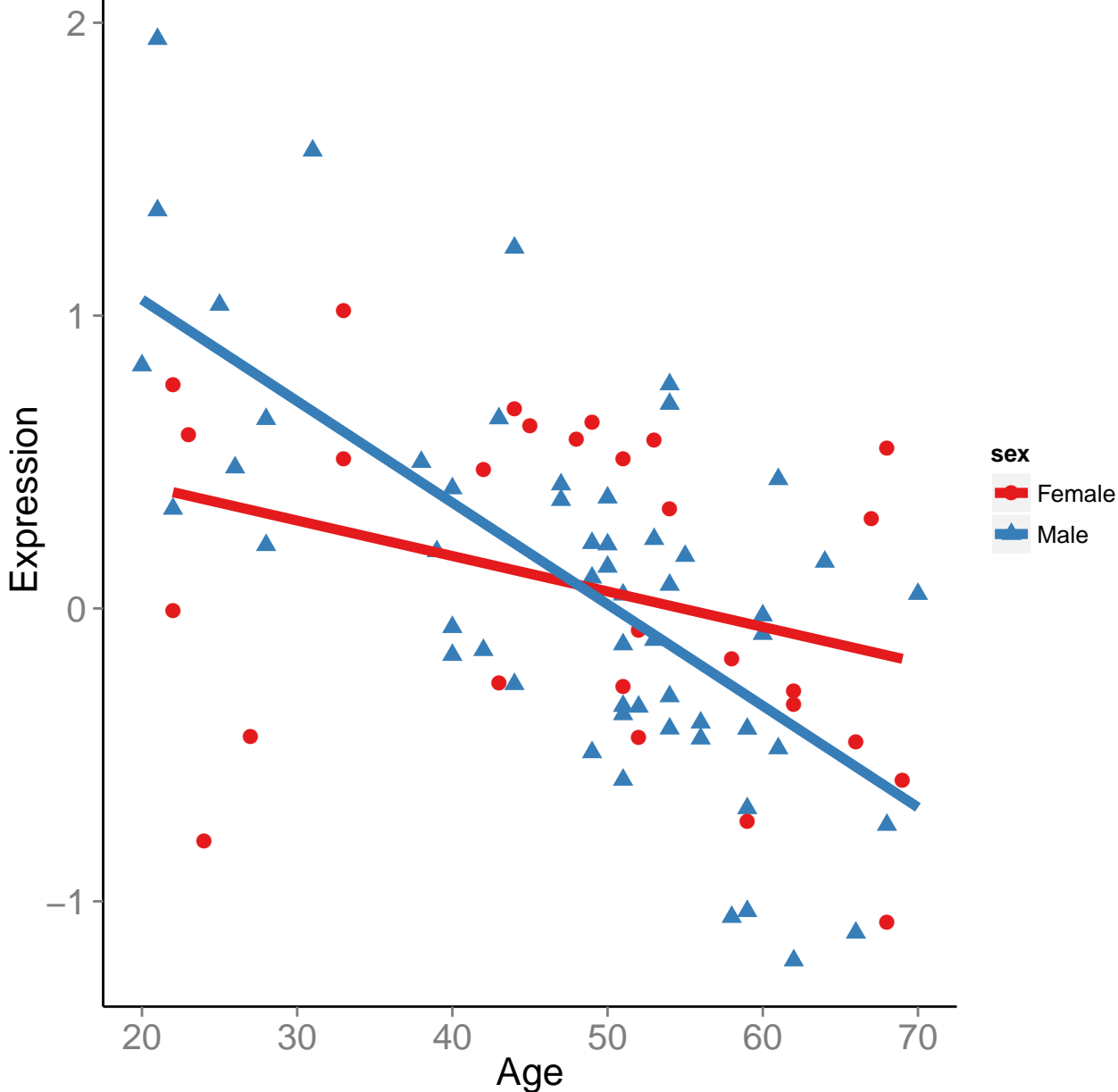
Heart: CEBPB Pearson-R=0.56 Pval=3.64E-08



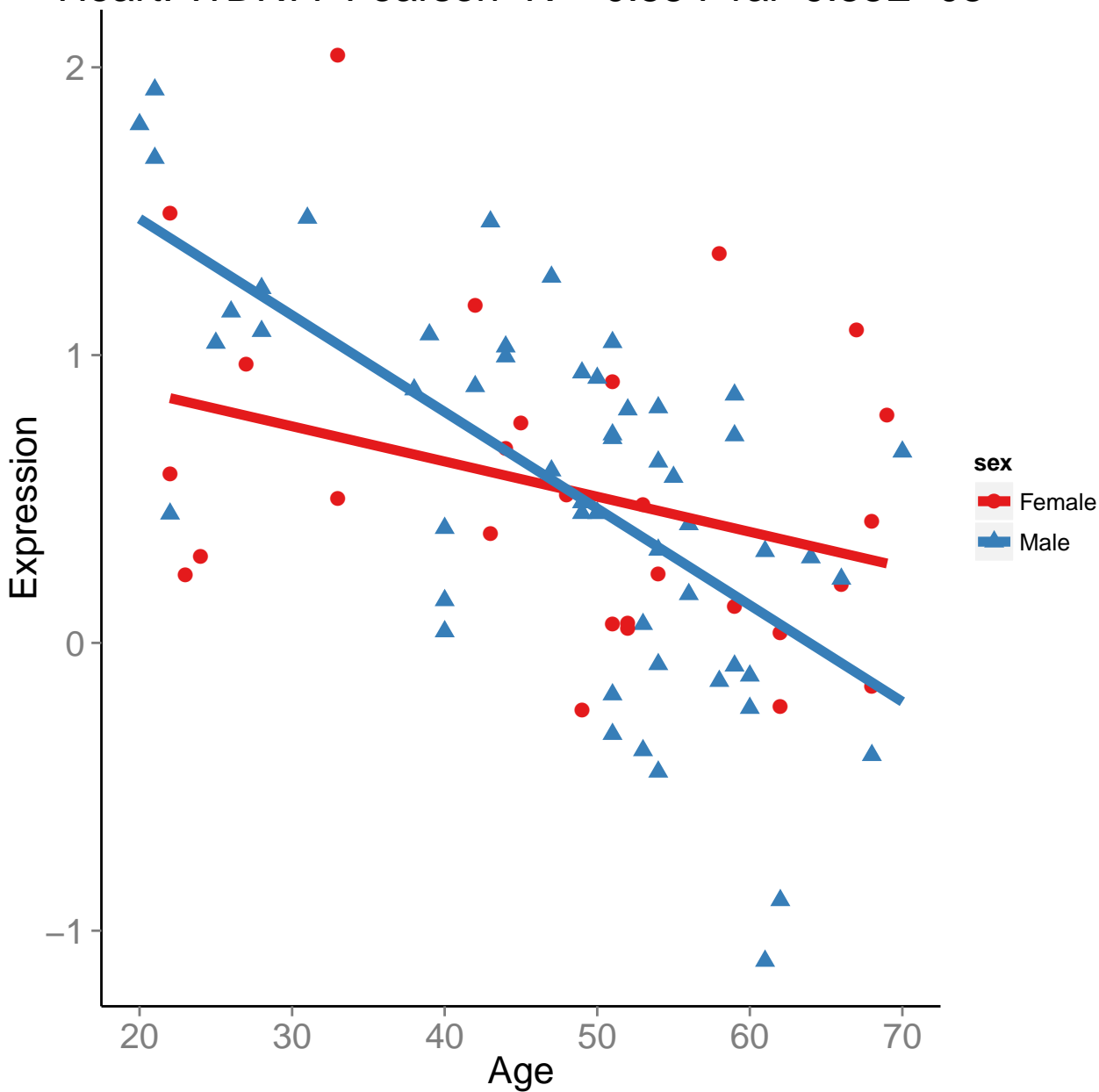
Heart: MAX Pearson-R=0.55 Pval=6.78E-08



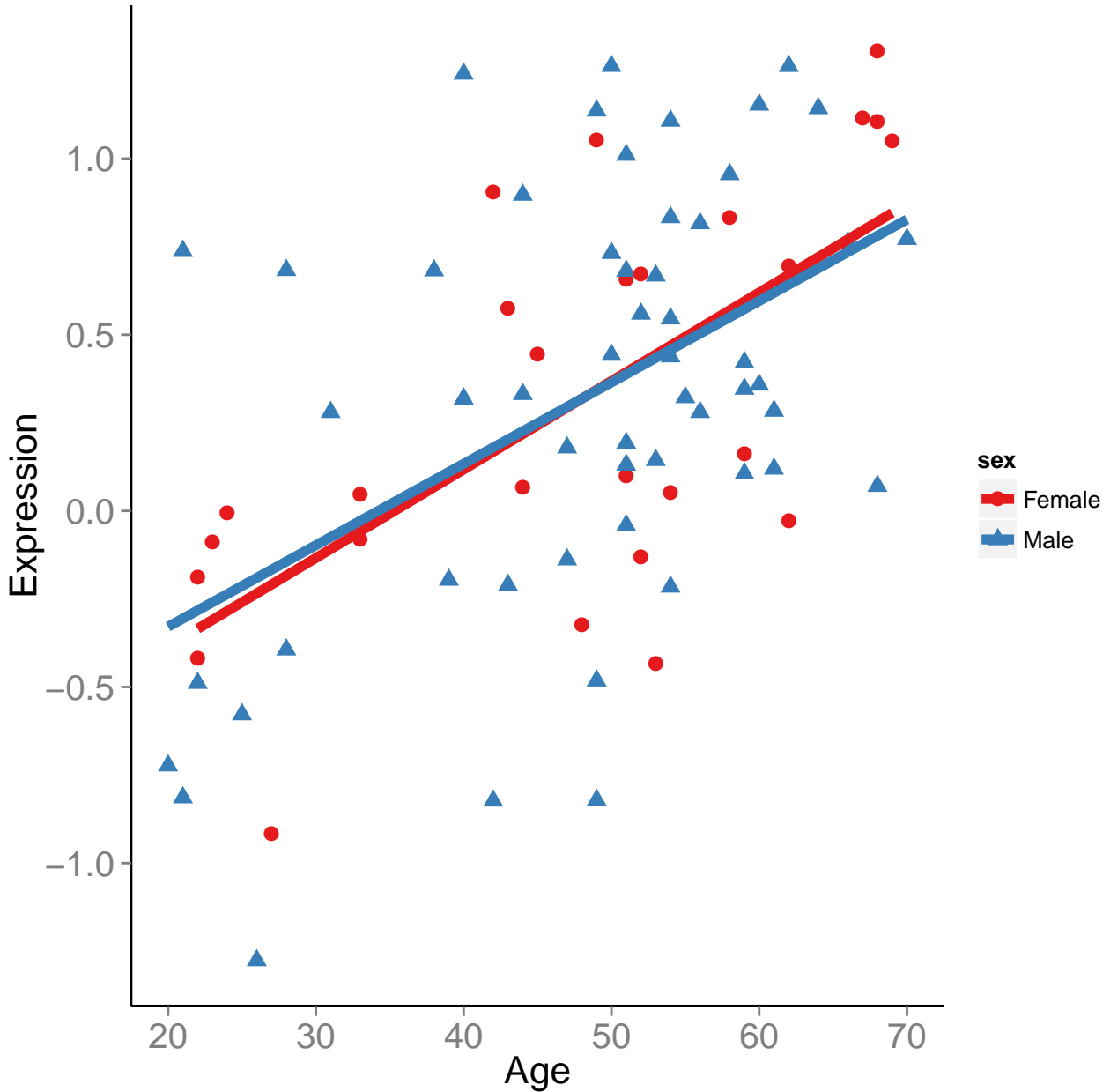
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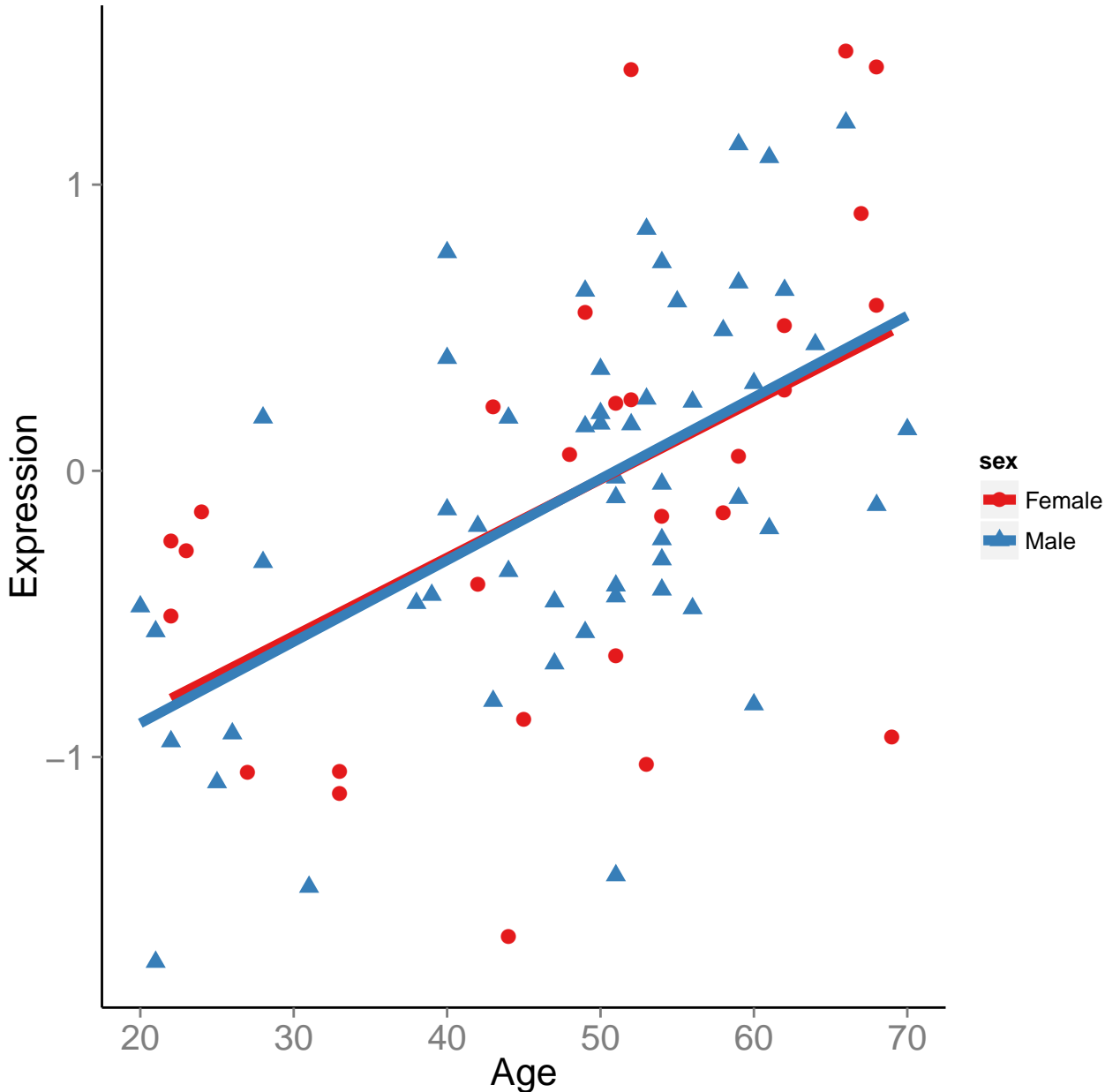
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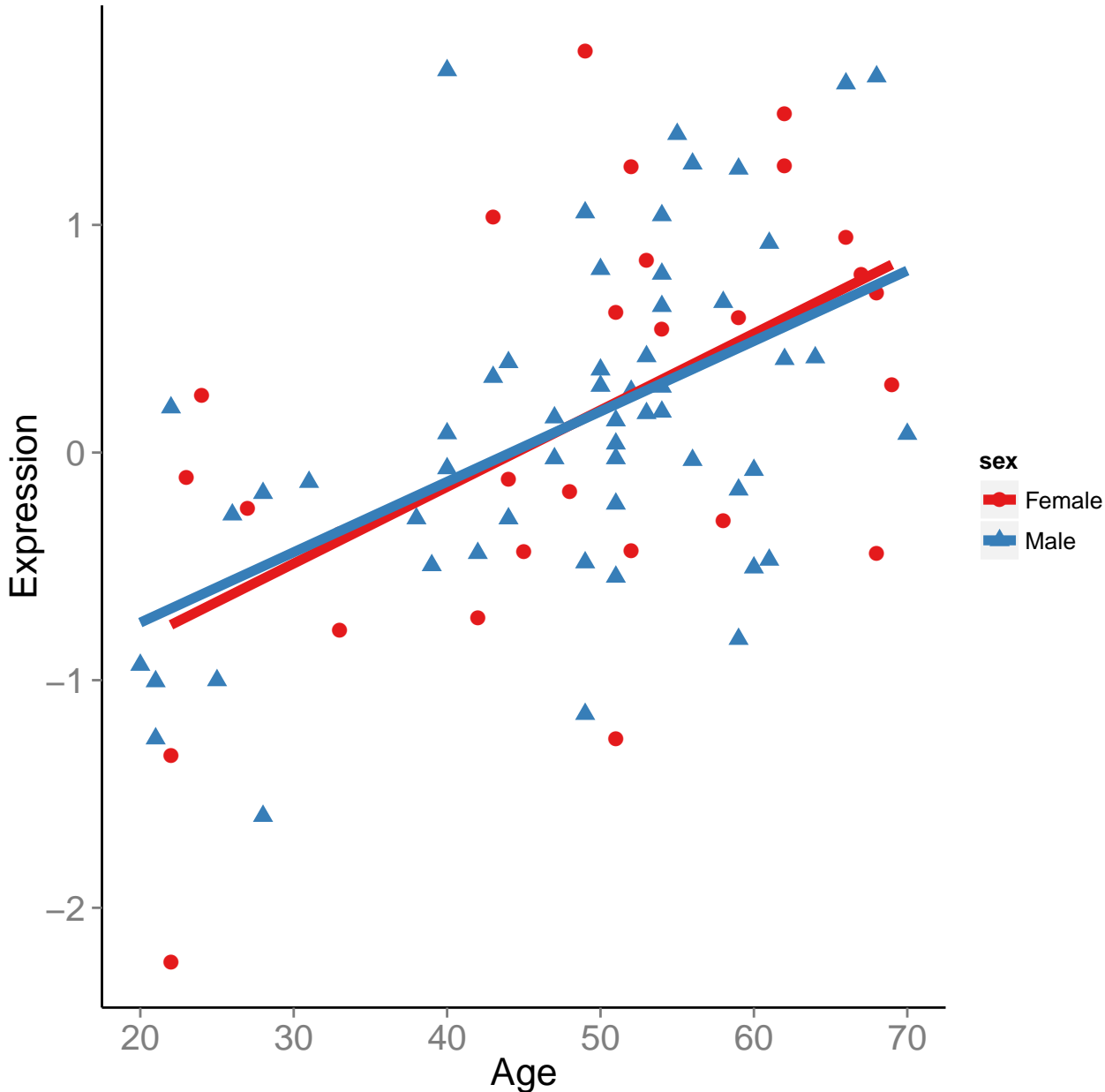
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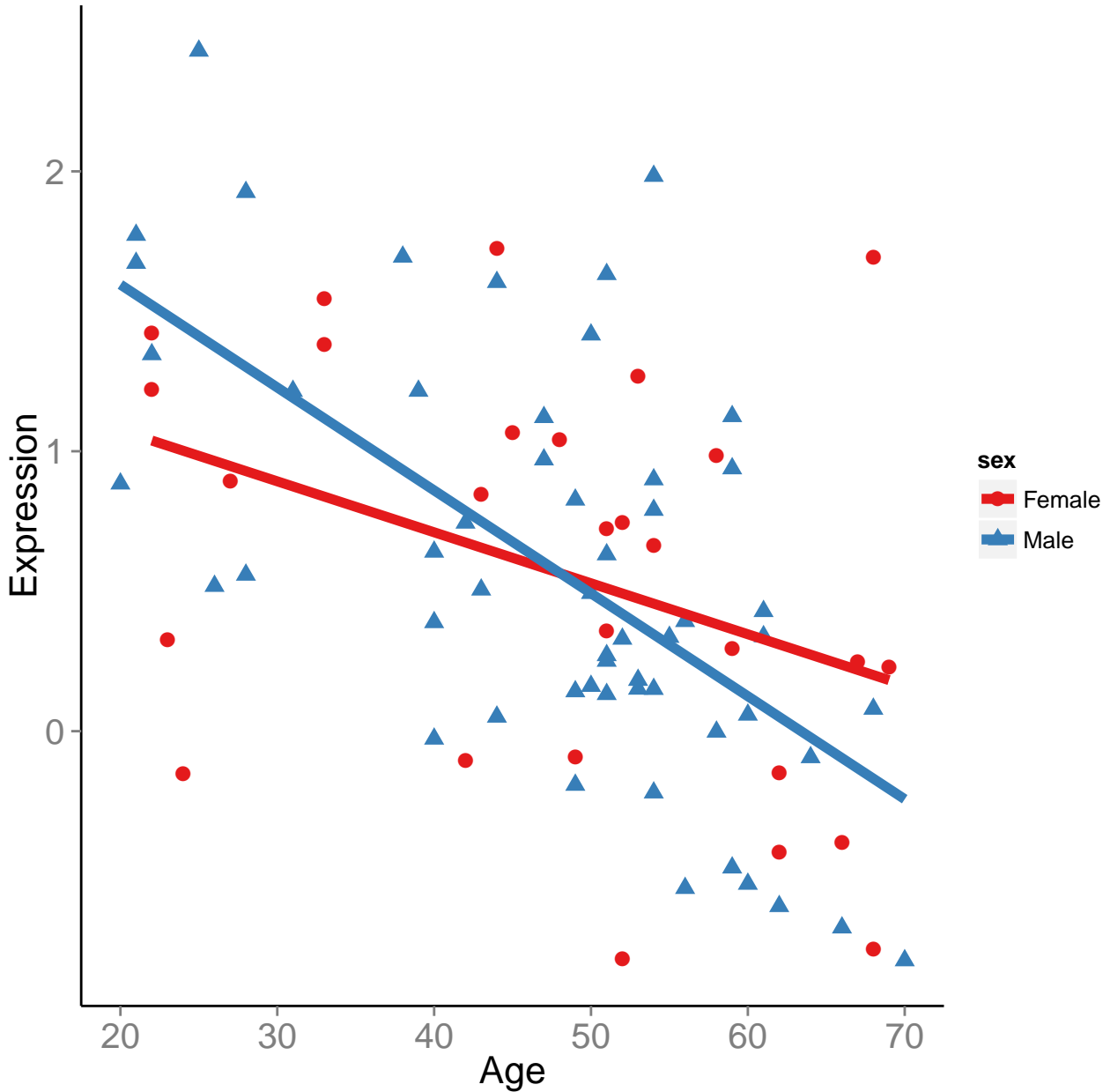
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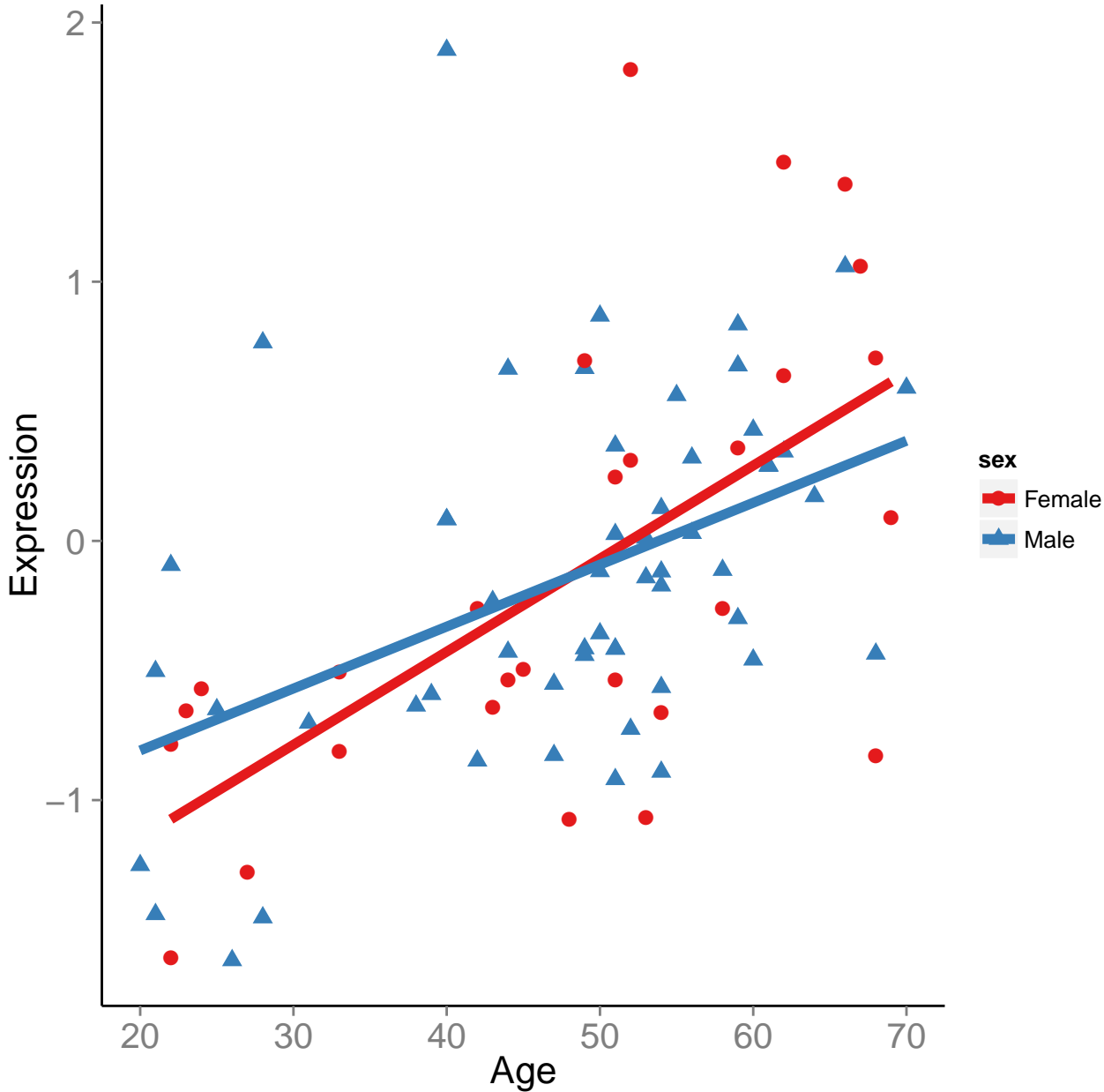
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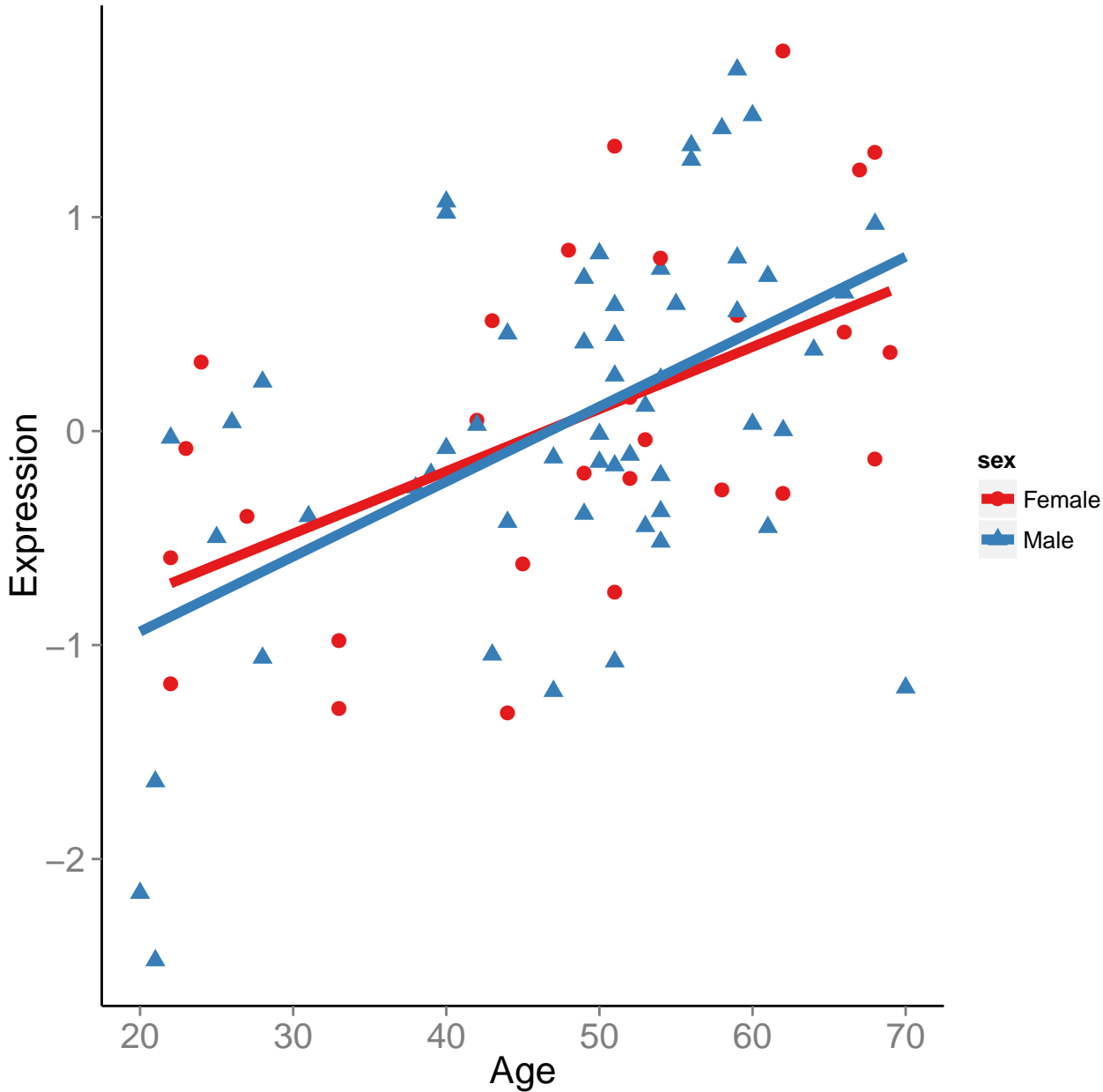
Heart: CALM2 Pearson-R=-0.53 Pval=2.51E-07



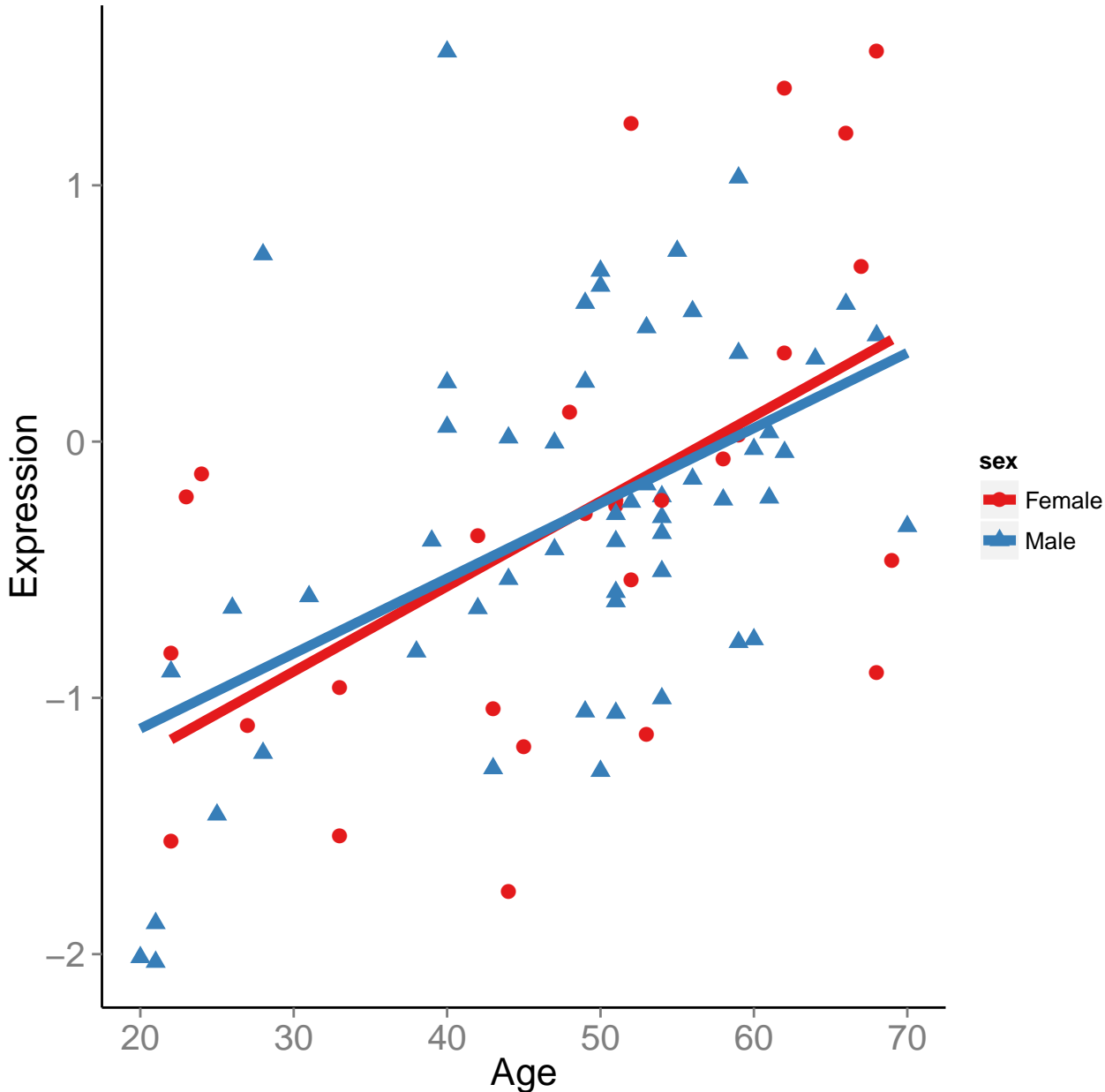
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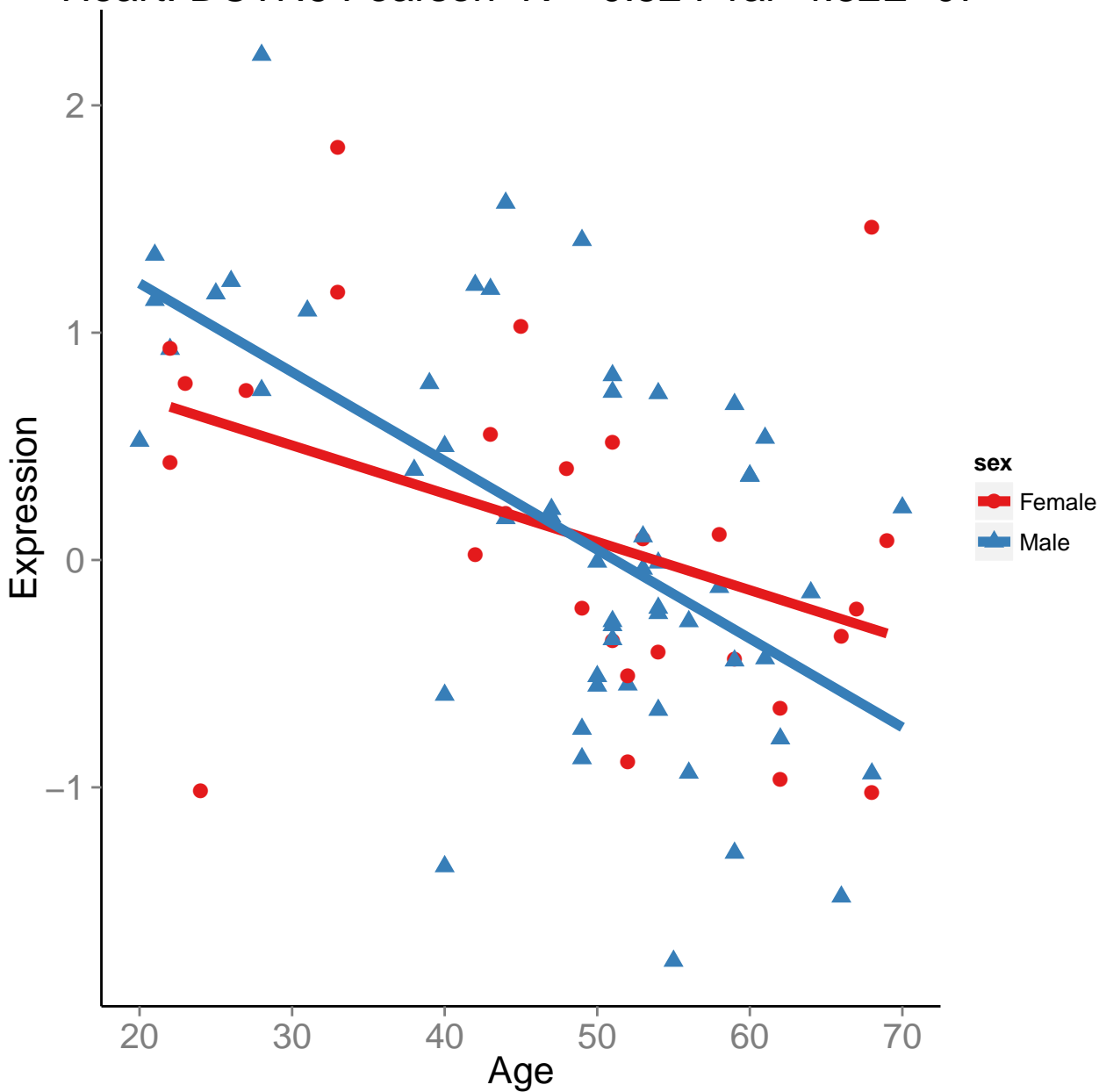
Heart: NCOA5 Pearson-R=0.52 Pval=4.44E-07



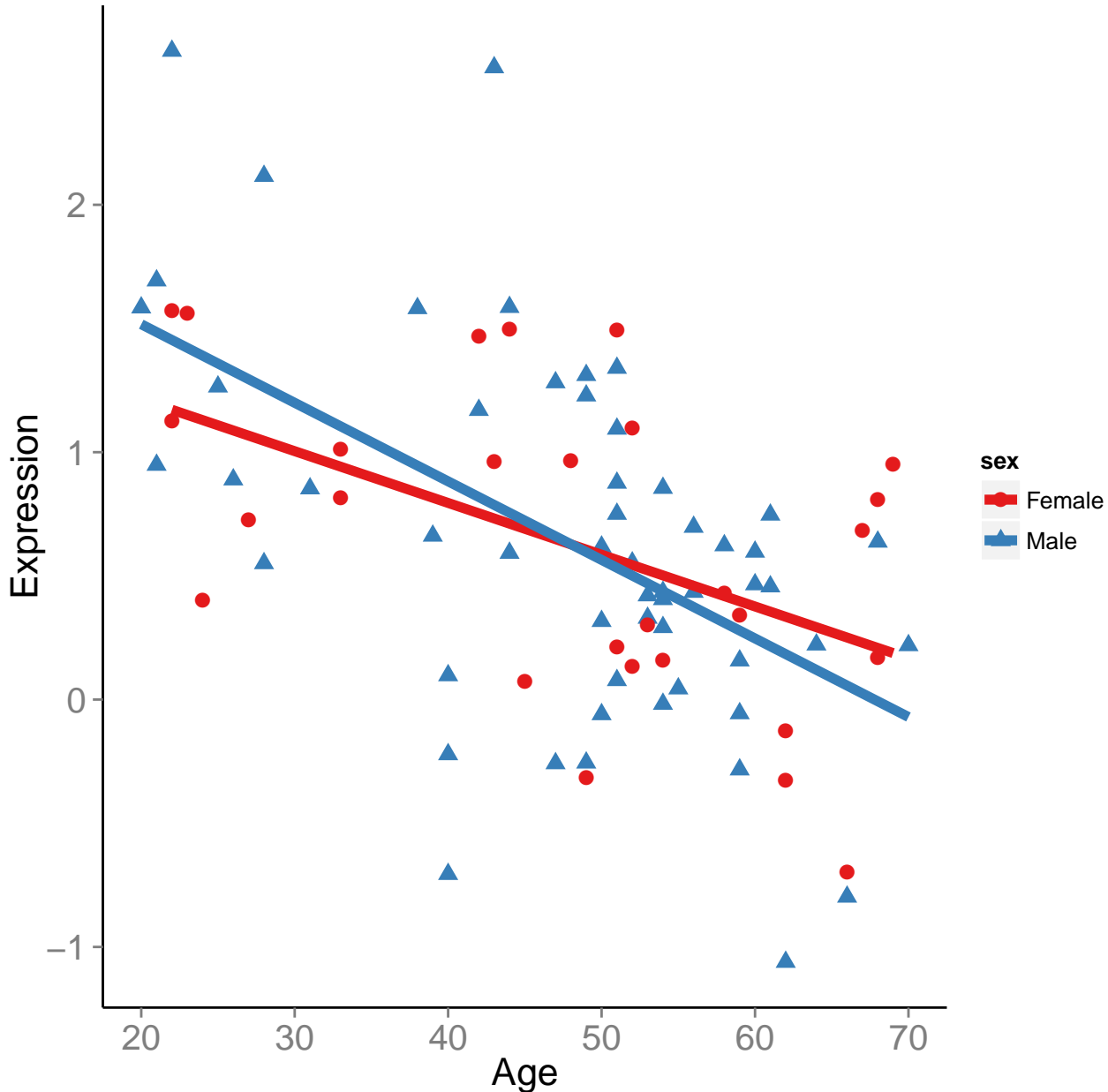
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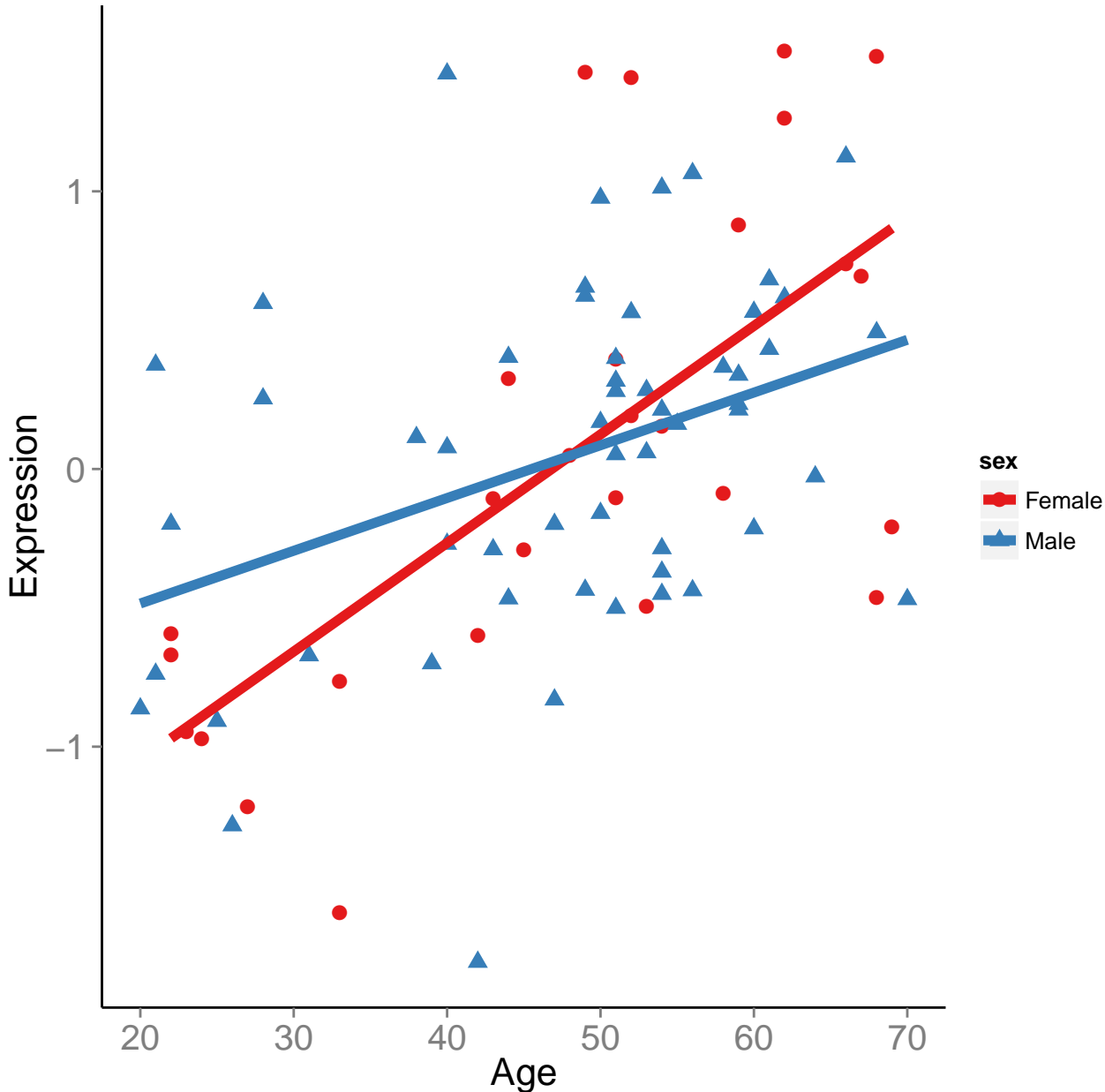
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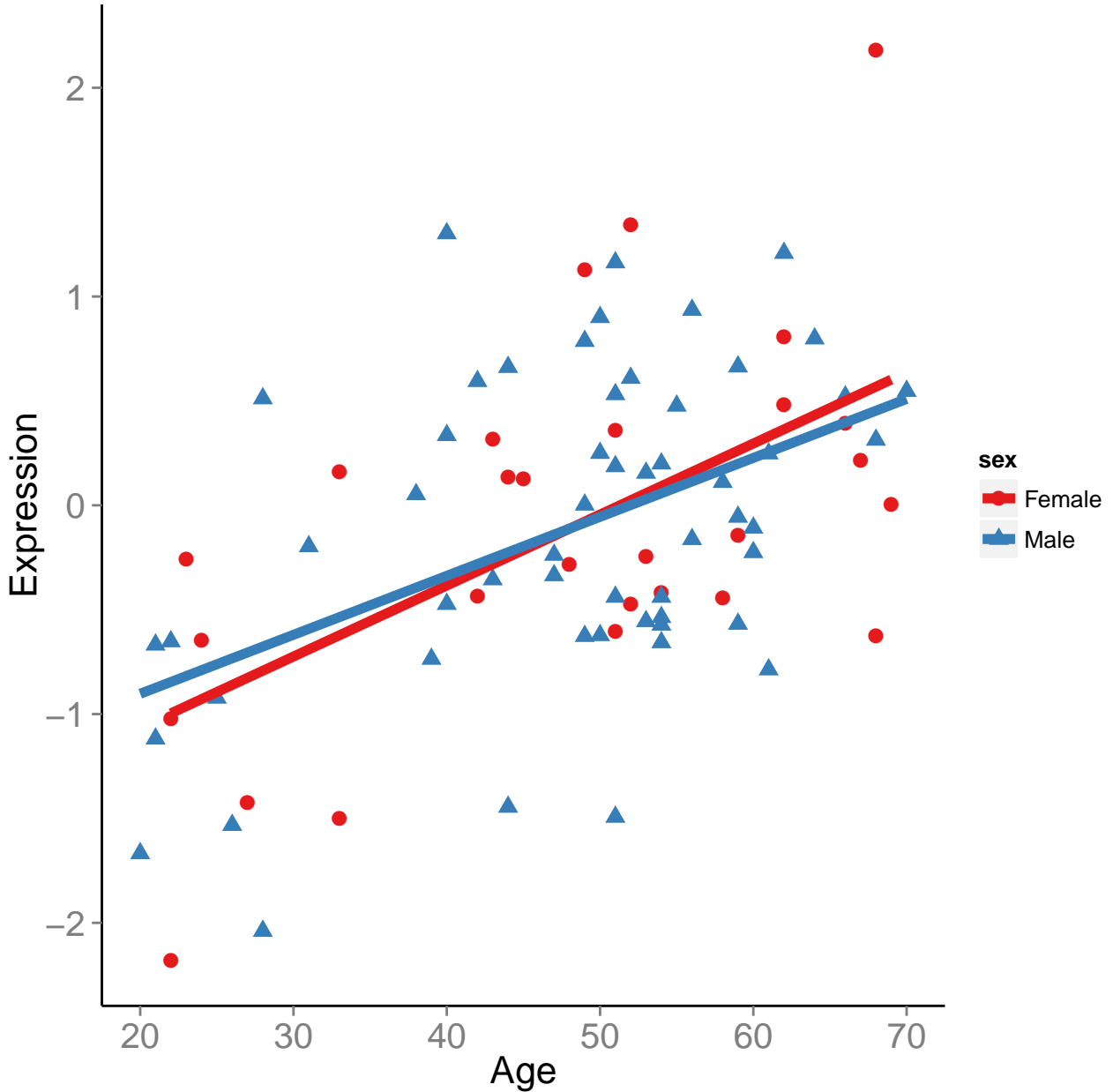
Heart: SSBP1 Pearson-R=-0.52 Pval=3.99E-07



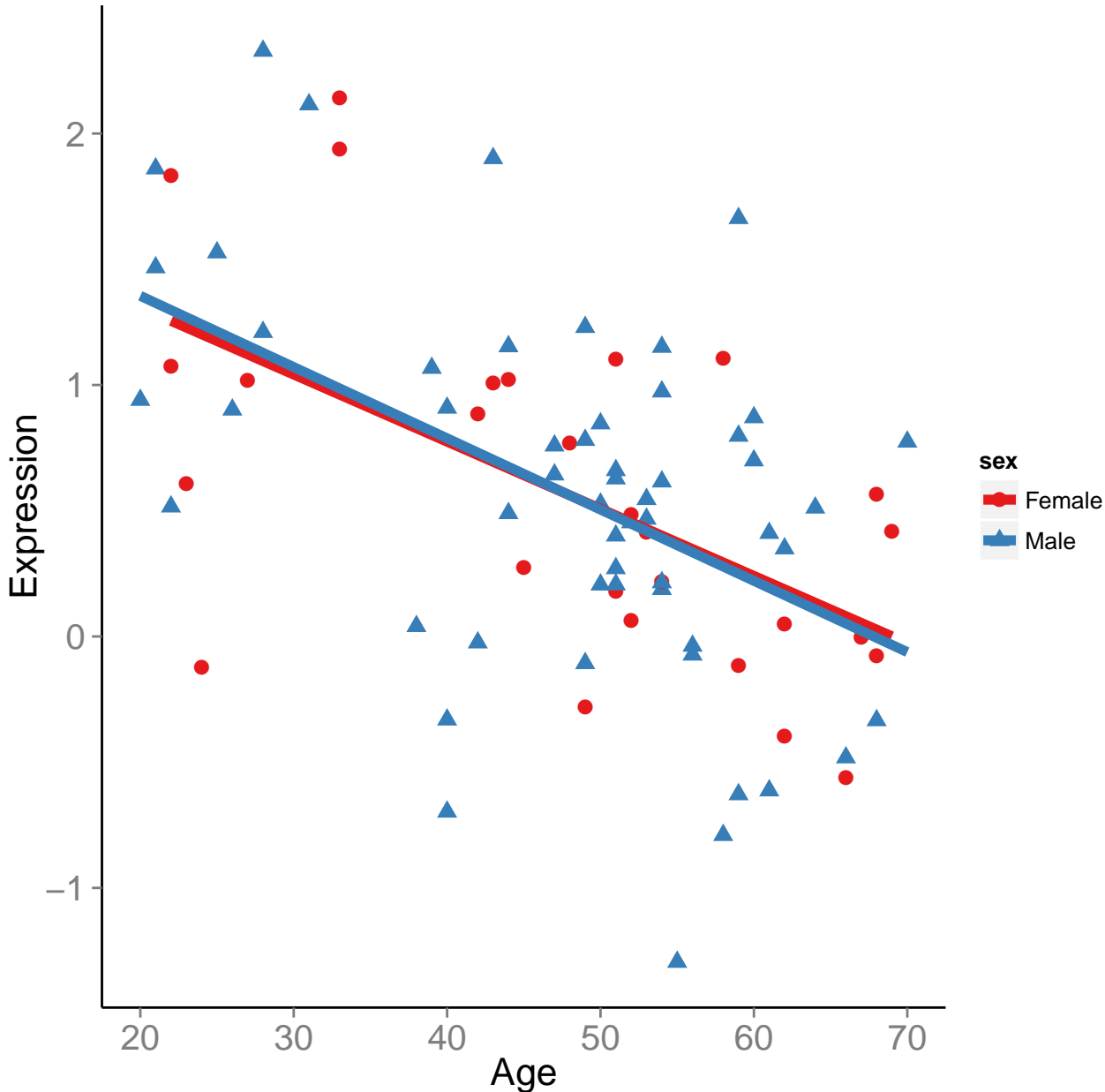
Heart: TMEM45A Pearson-R=0.52 Pval=5.06E-07



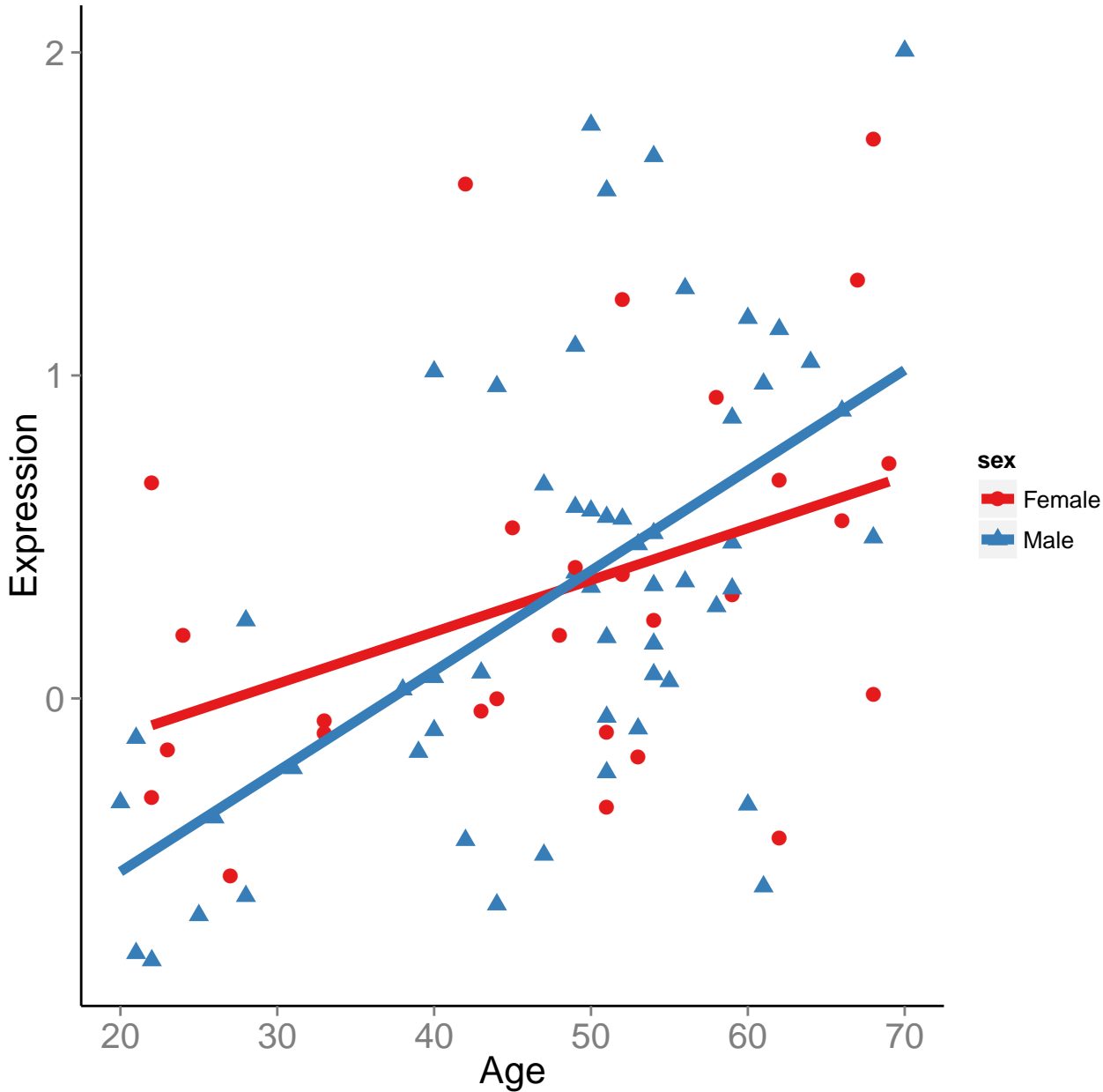
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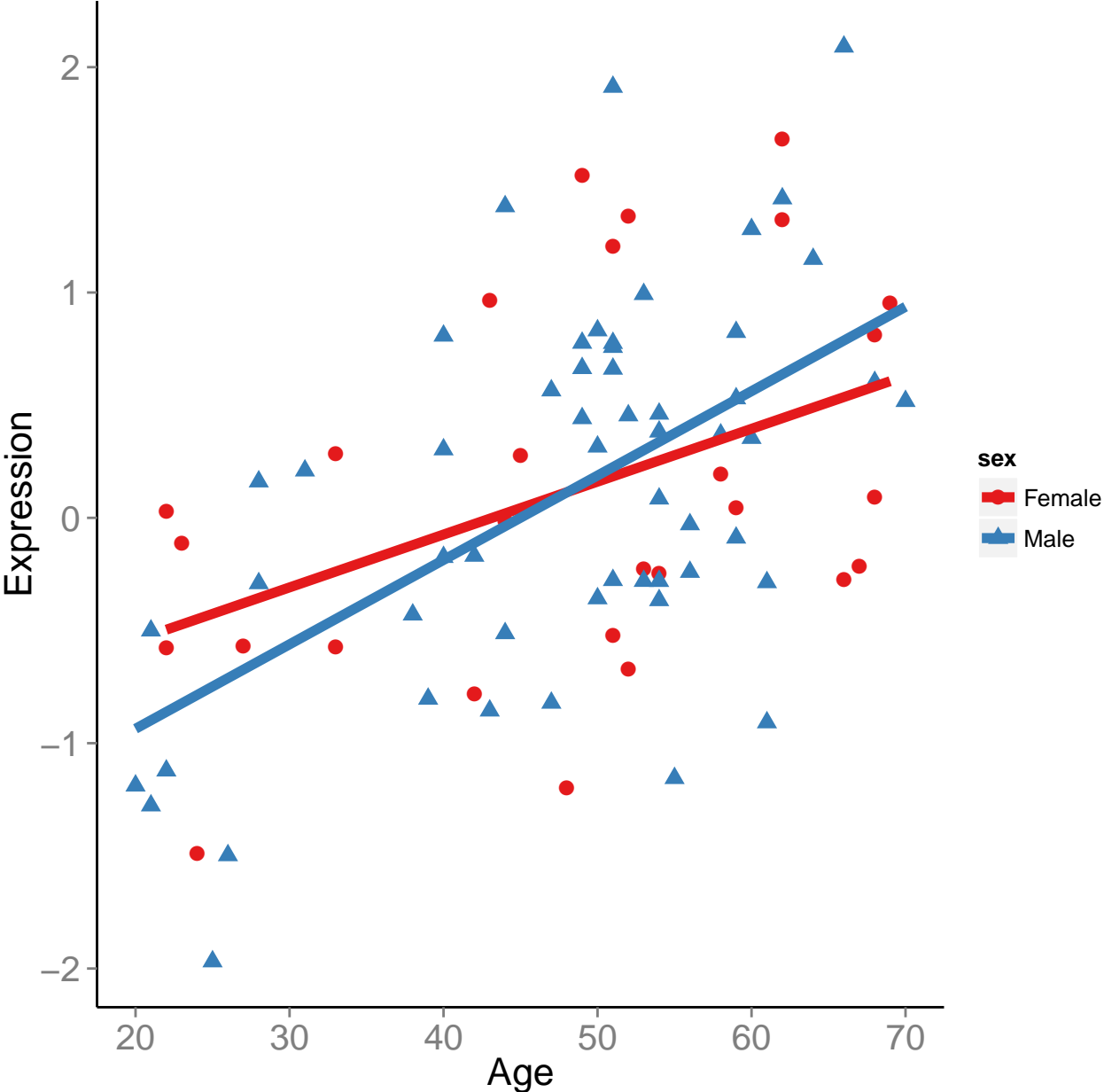
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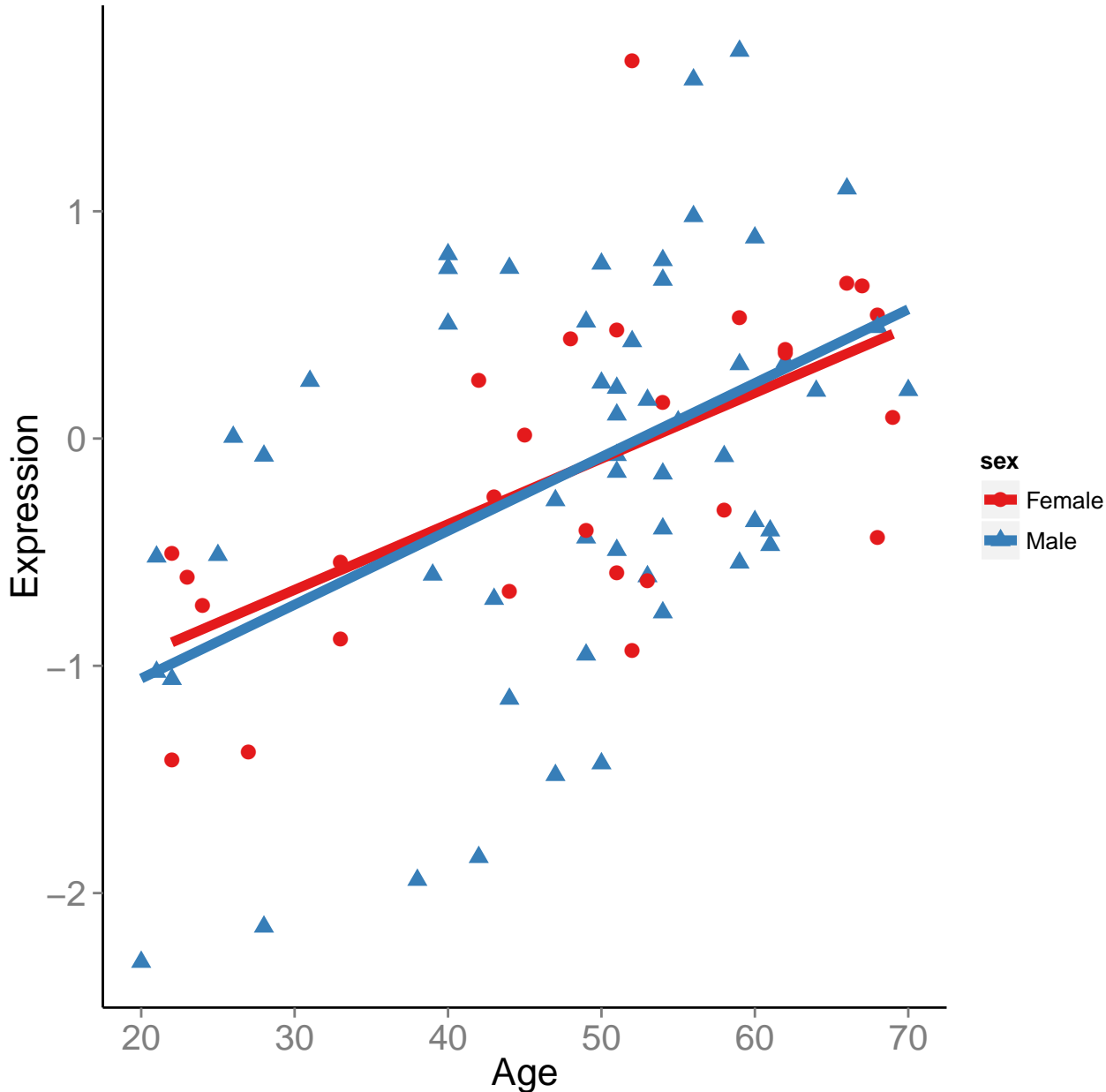
Heart: ANKZF1 Pearson-R=0.52 Pval=6.04E-07



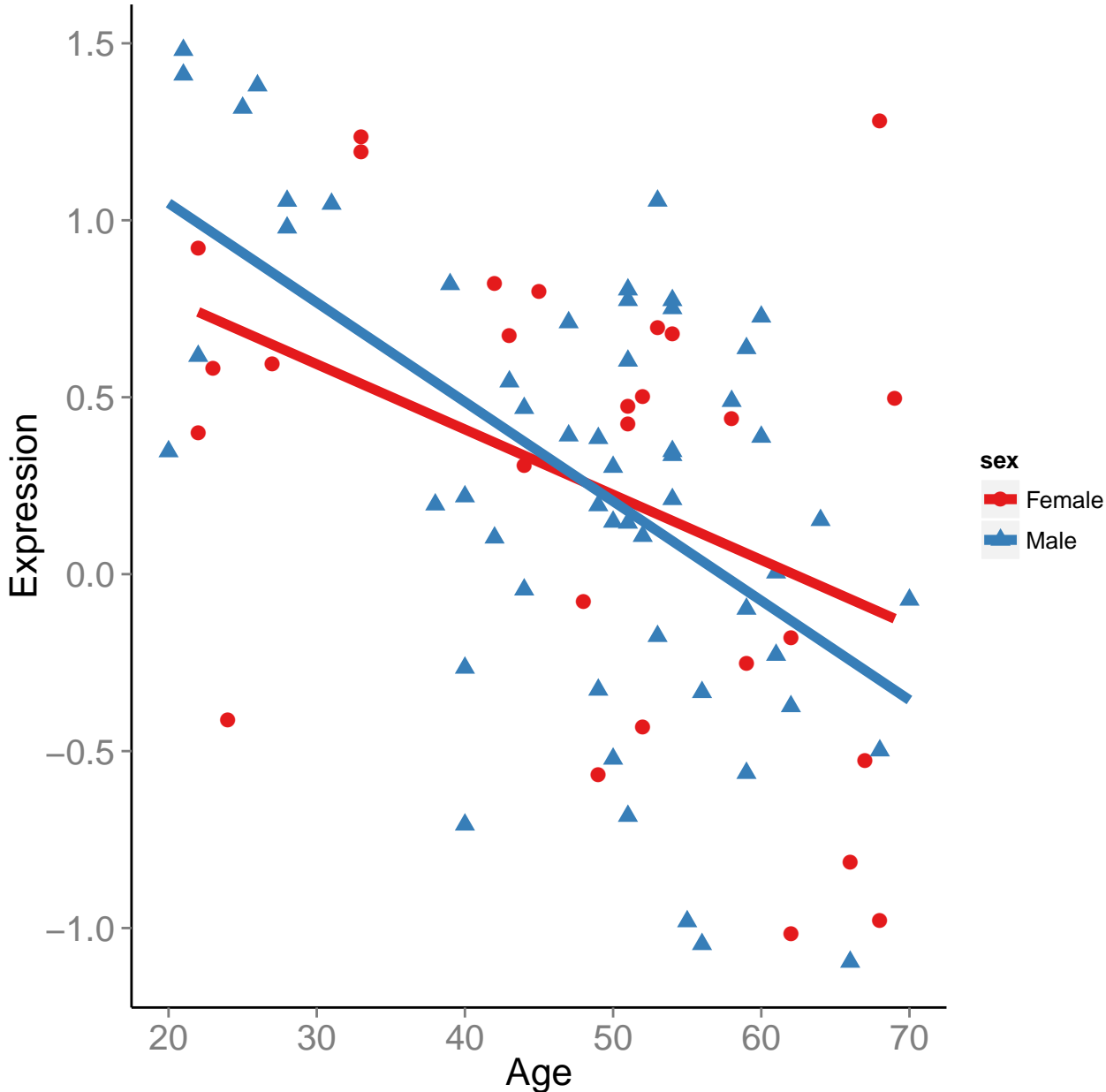
Heart: MERTK Pearson-R=0.51 Pval=8.03E-07



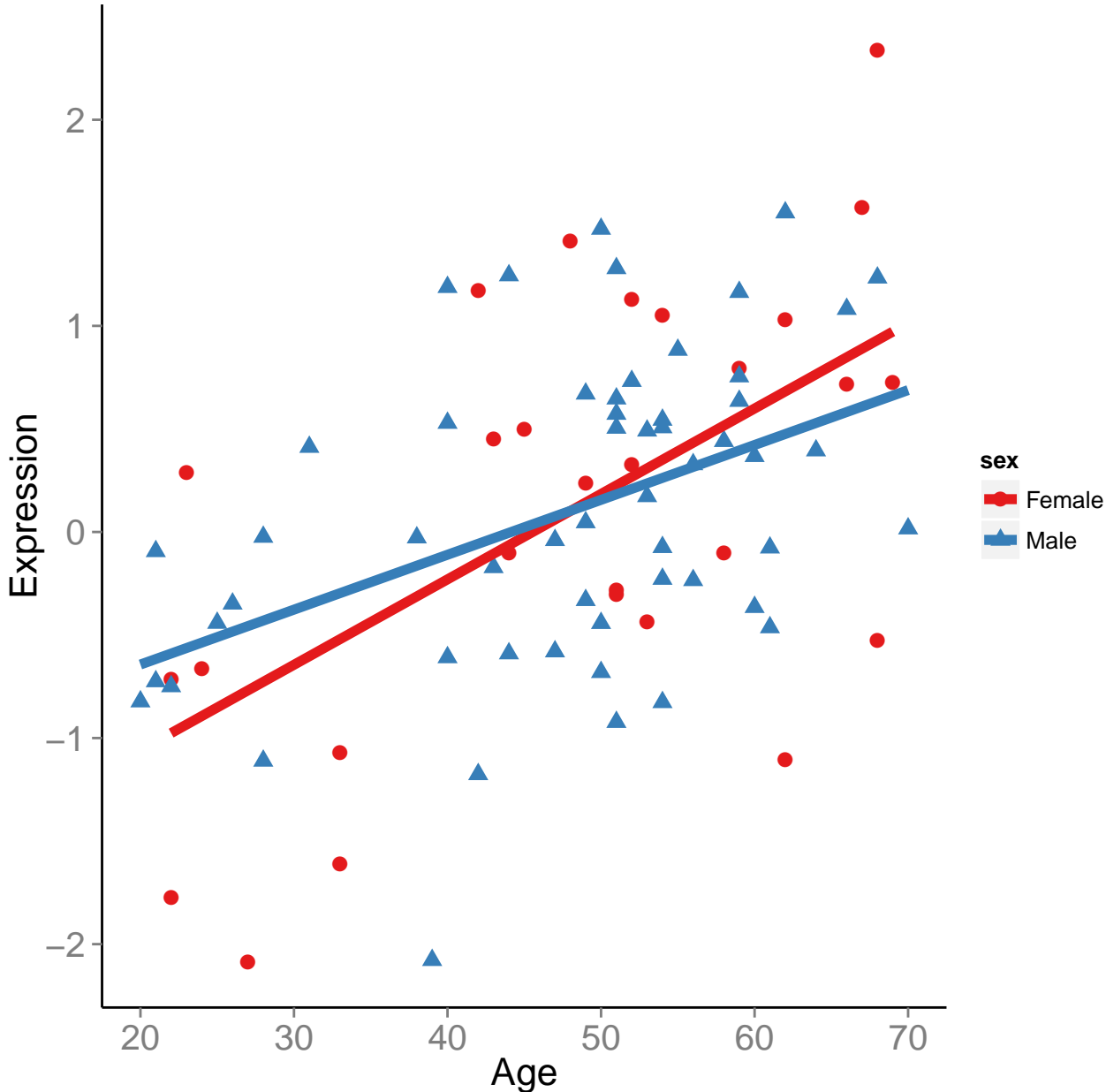
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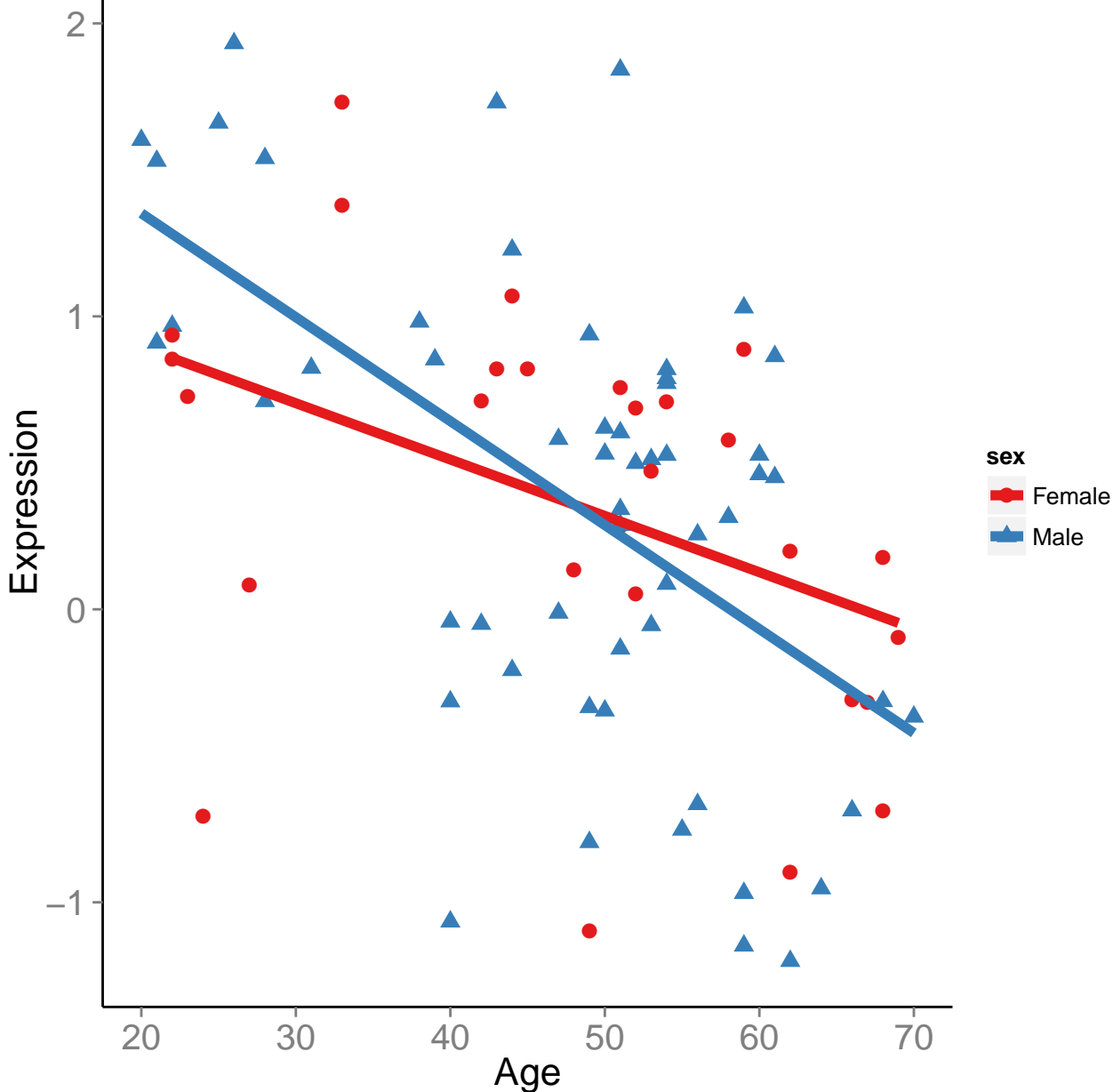
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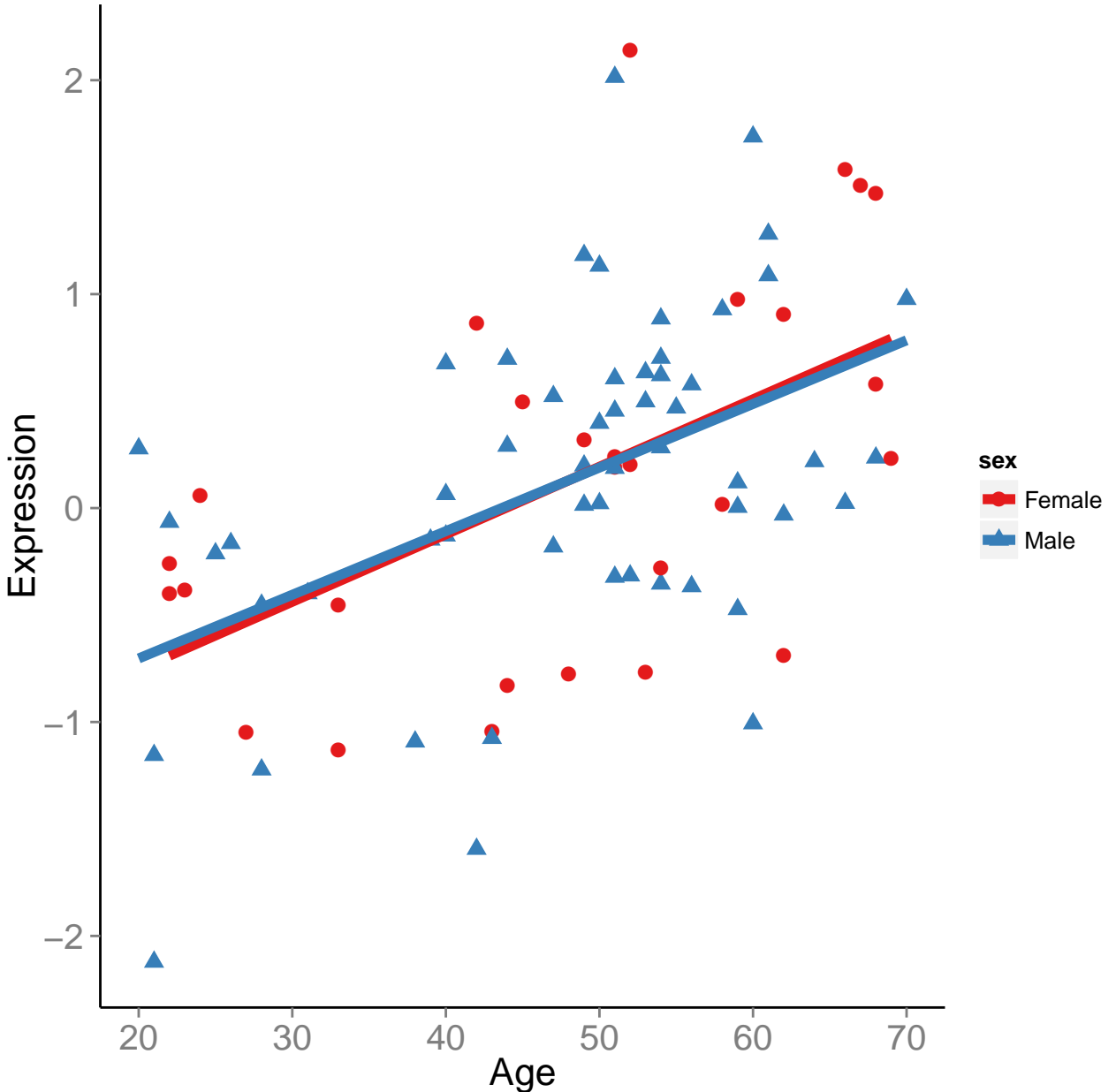
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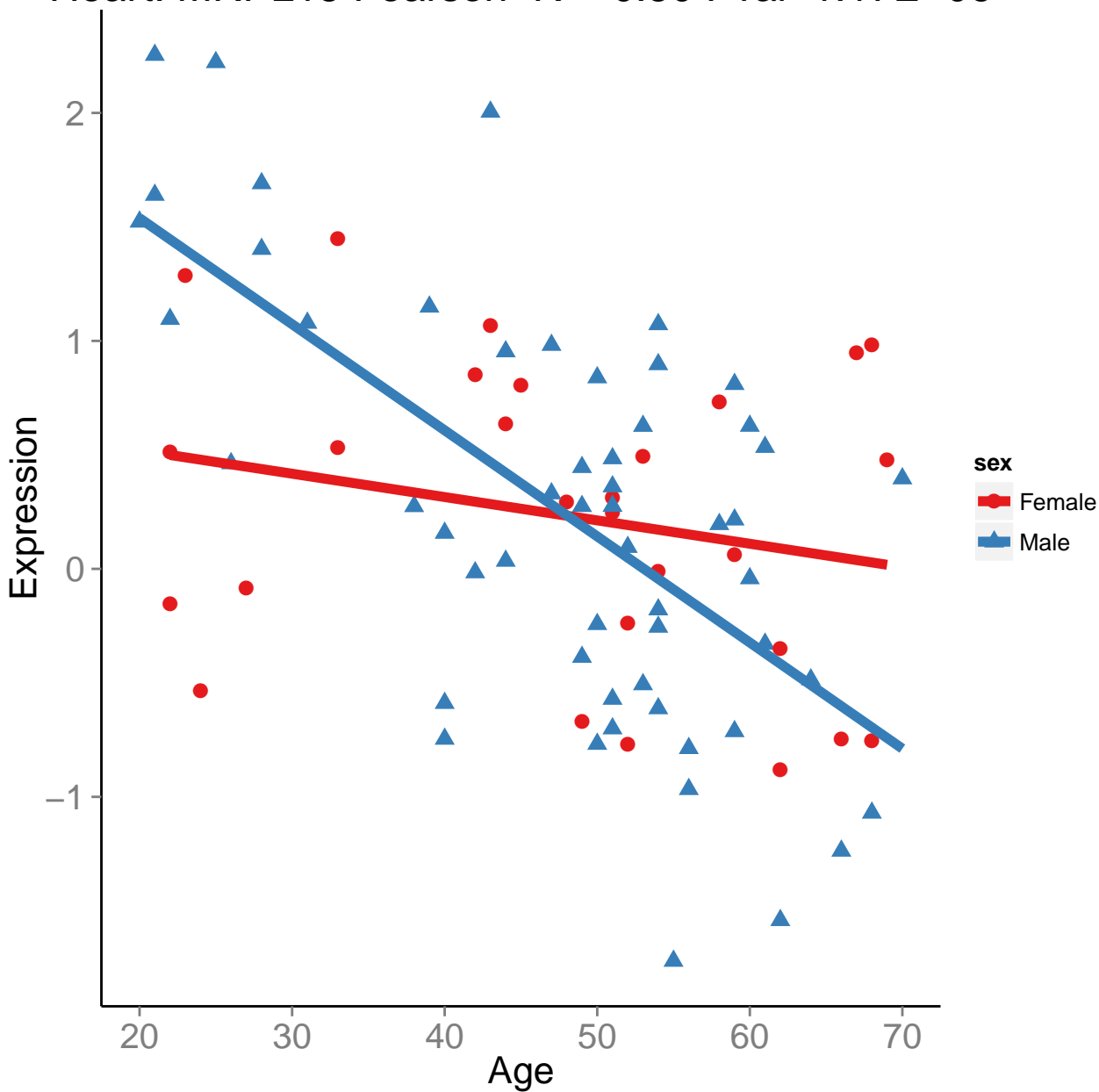
Heart: BCAS2 Pearson-R=-0.50 Pval=1.12E-06



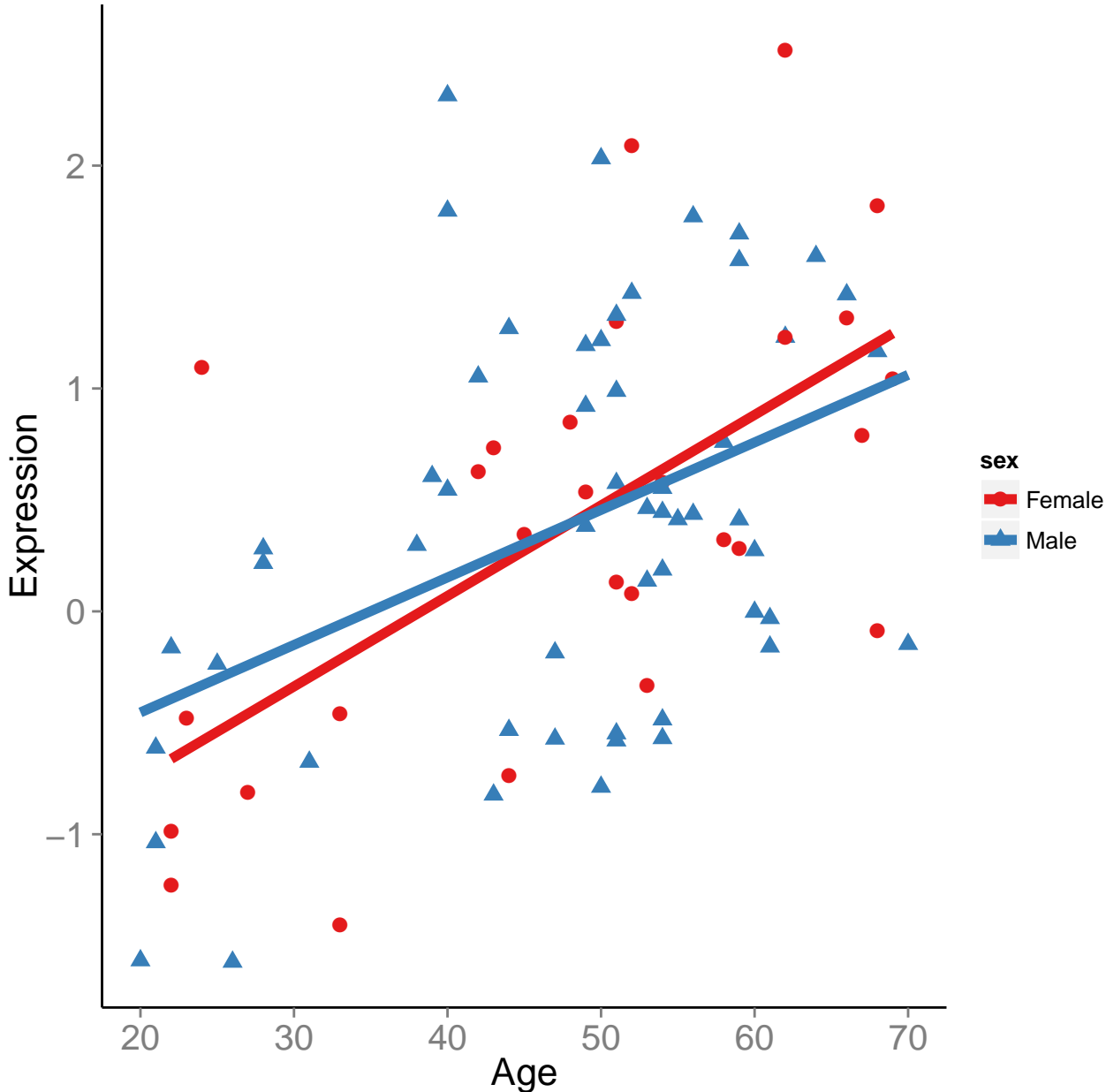
Heart: ING1 Pearson-R=0.51 Pval=1.05E-06



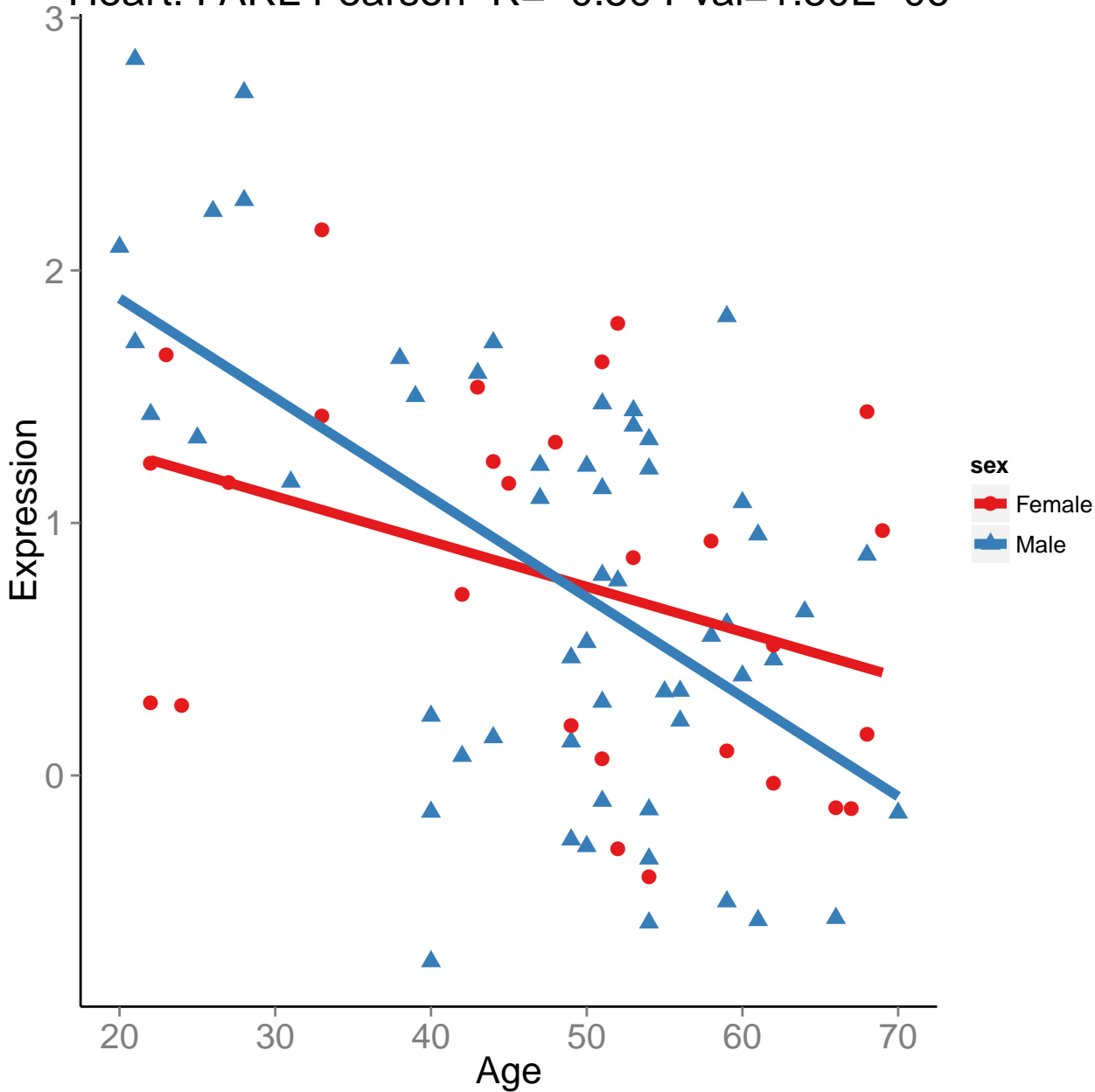
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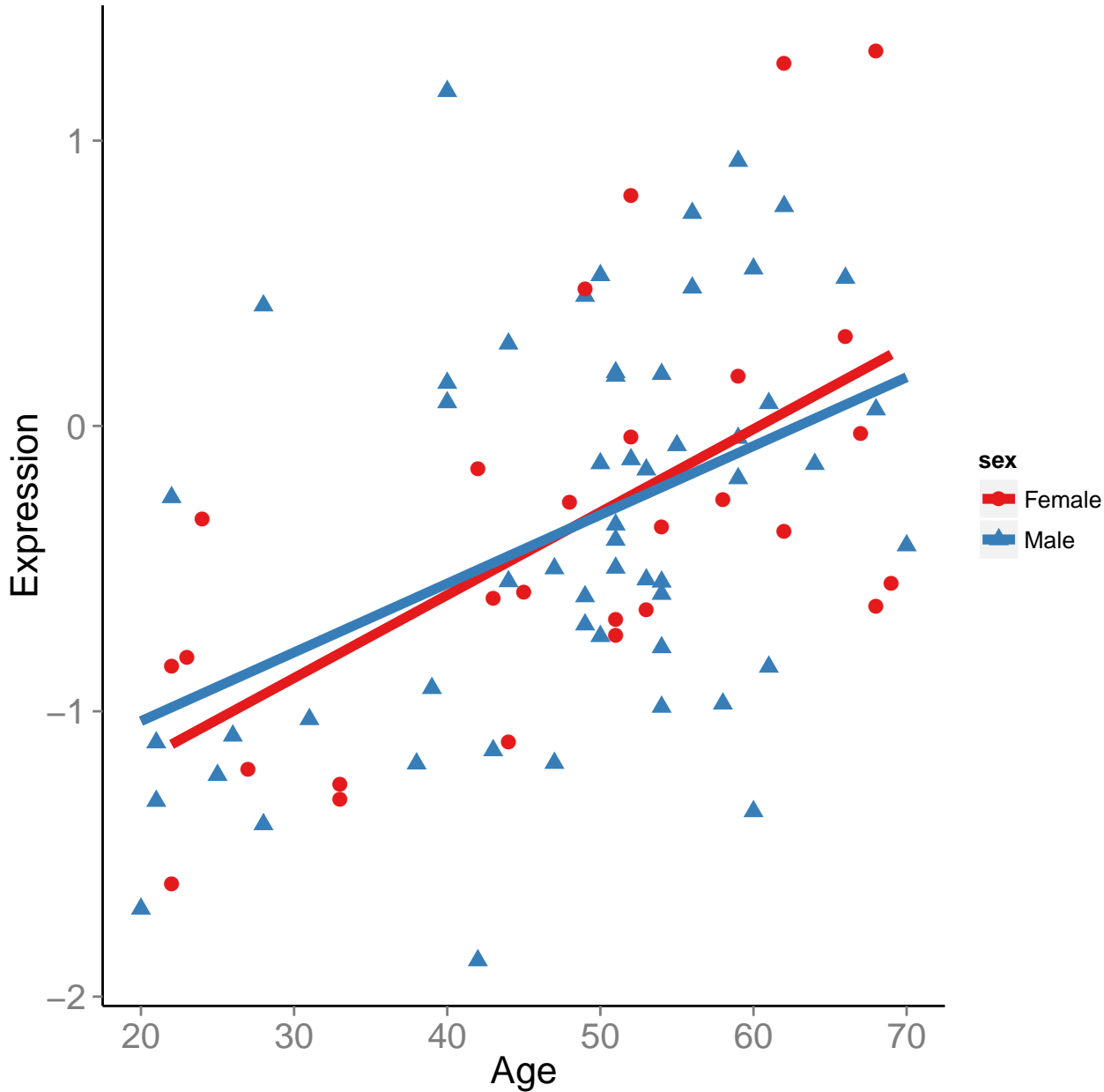
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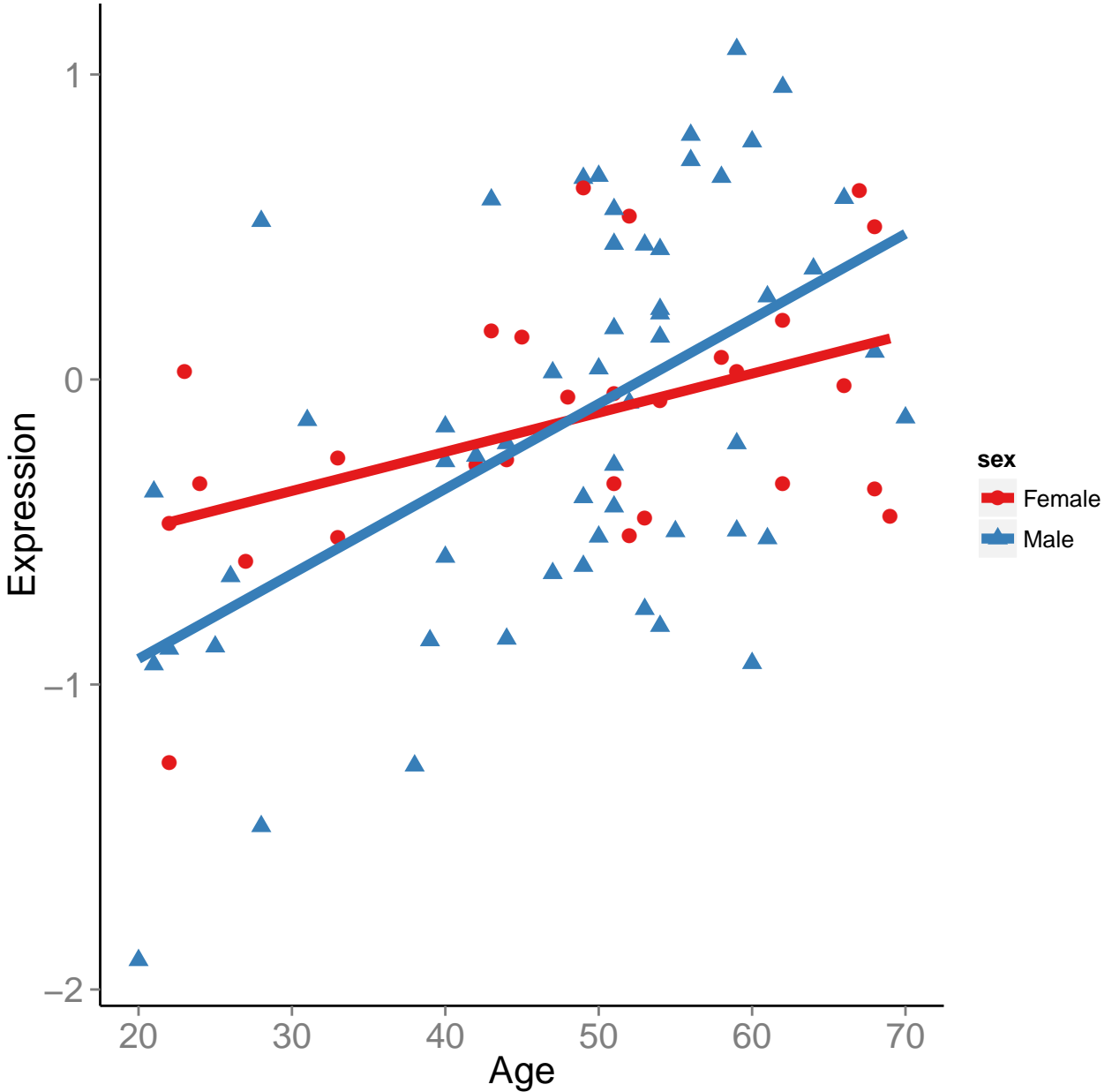
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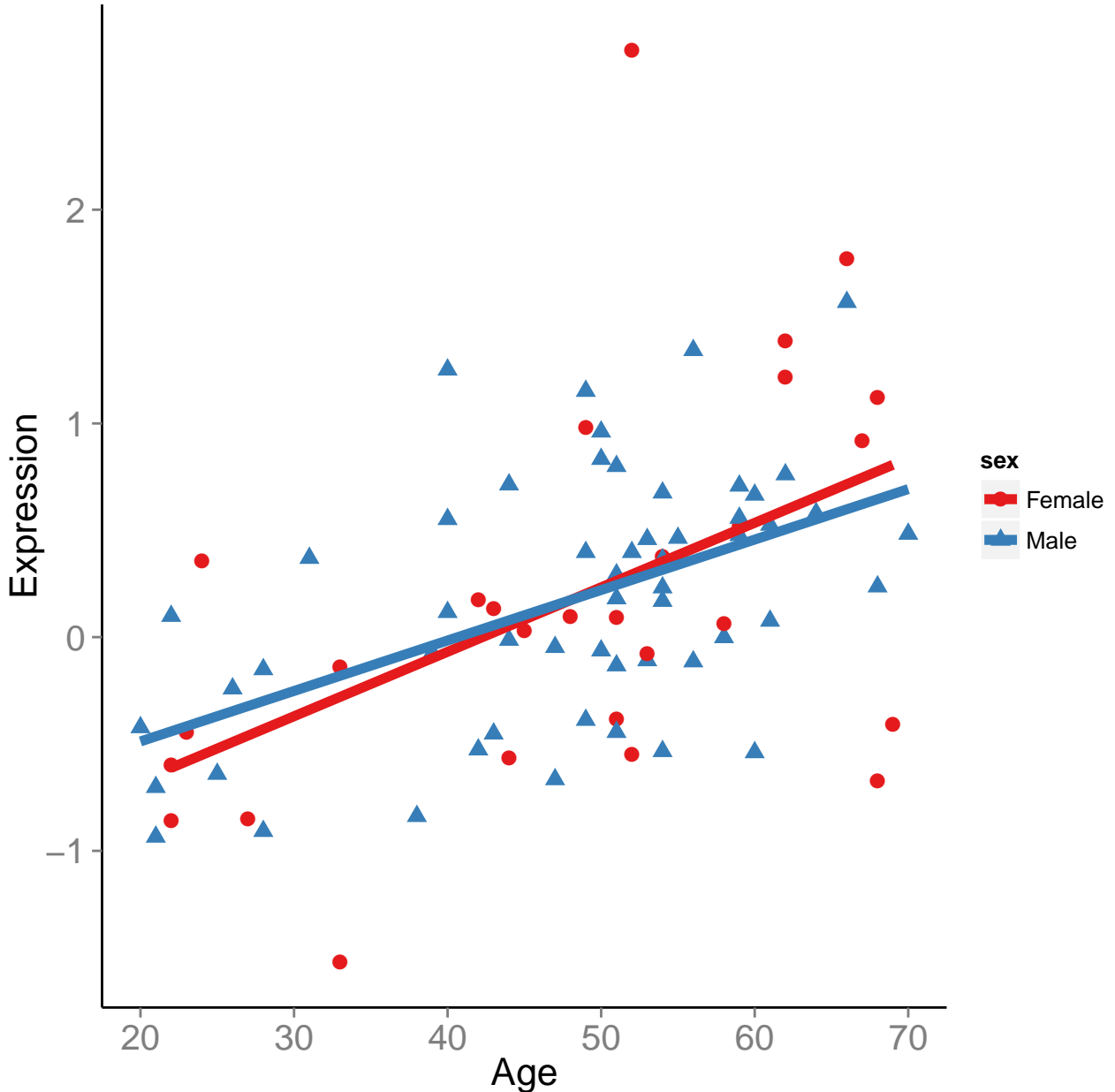
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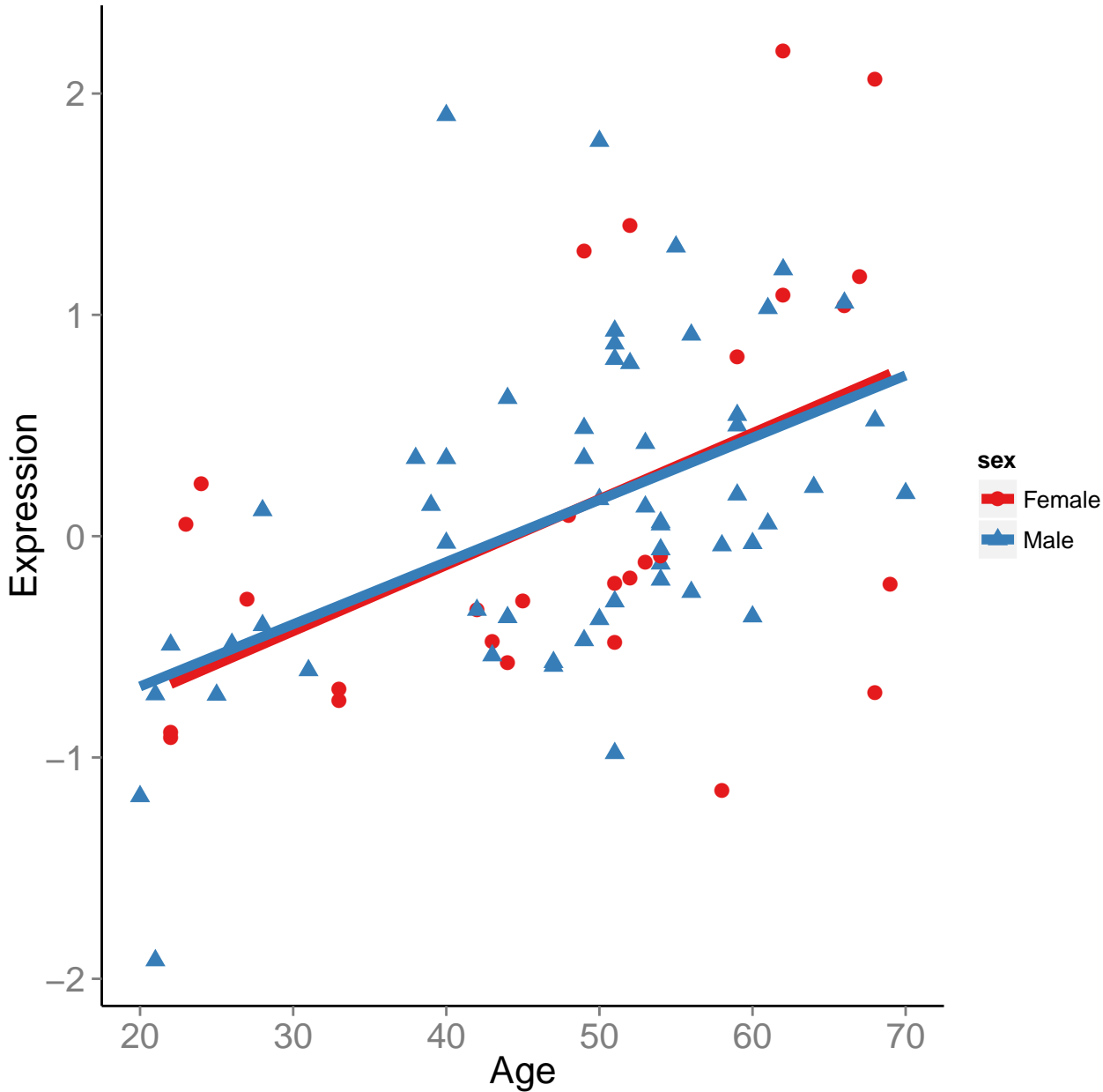
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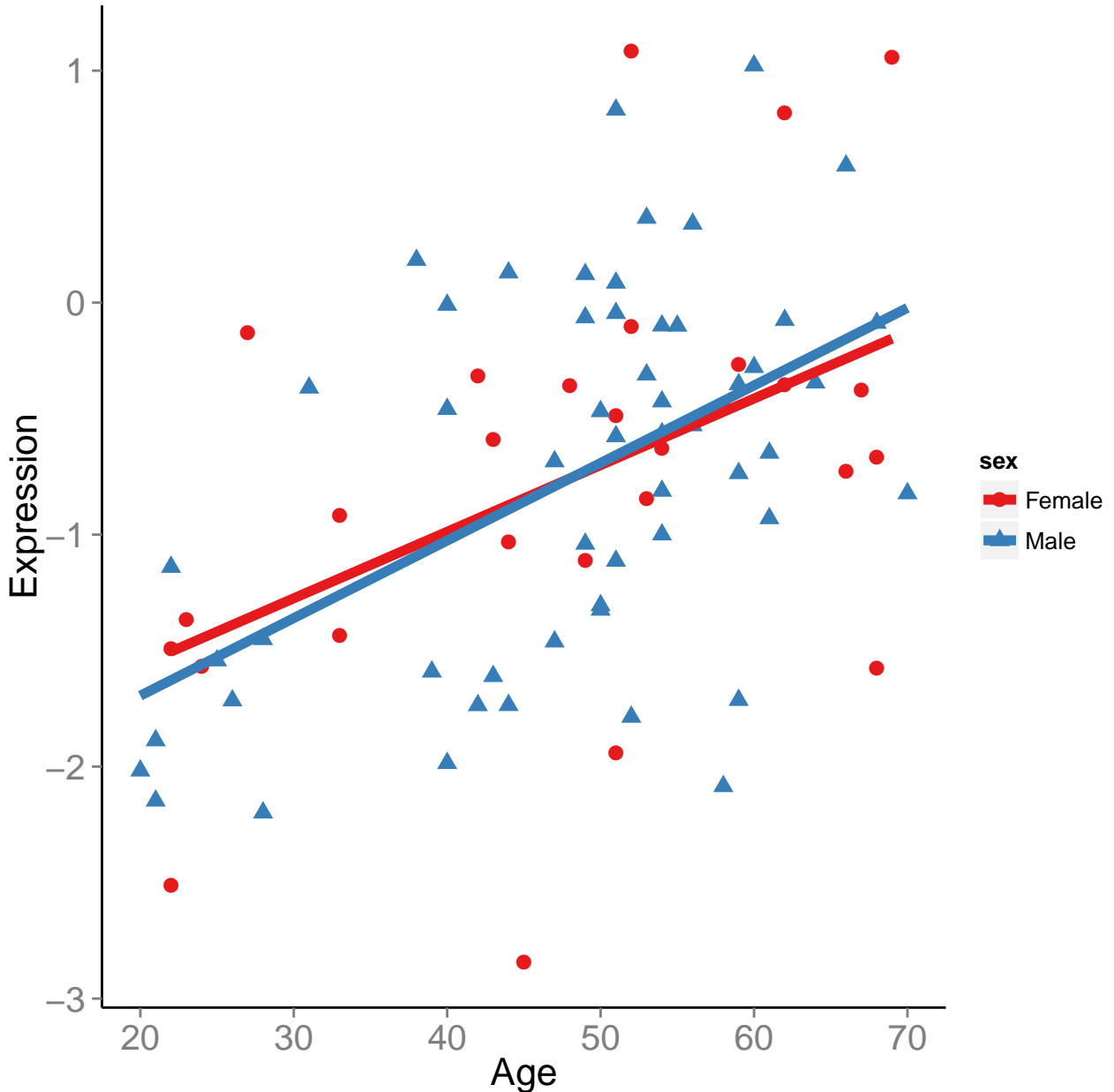
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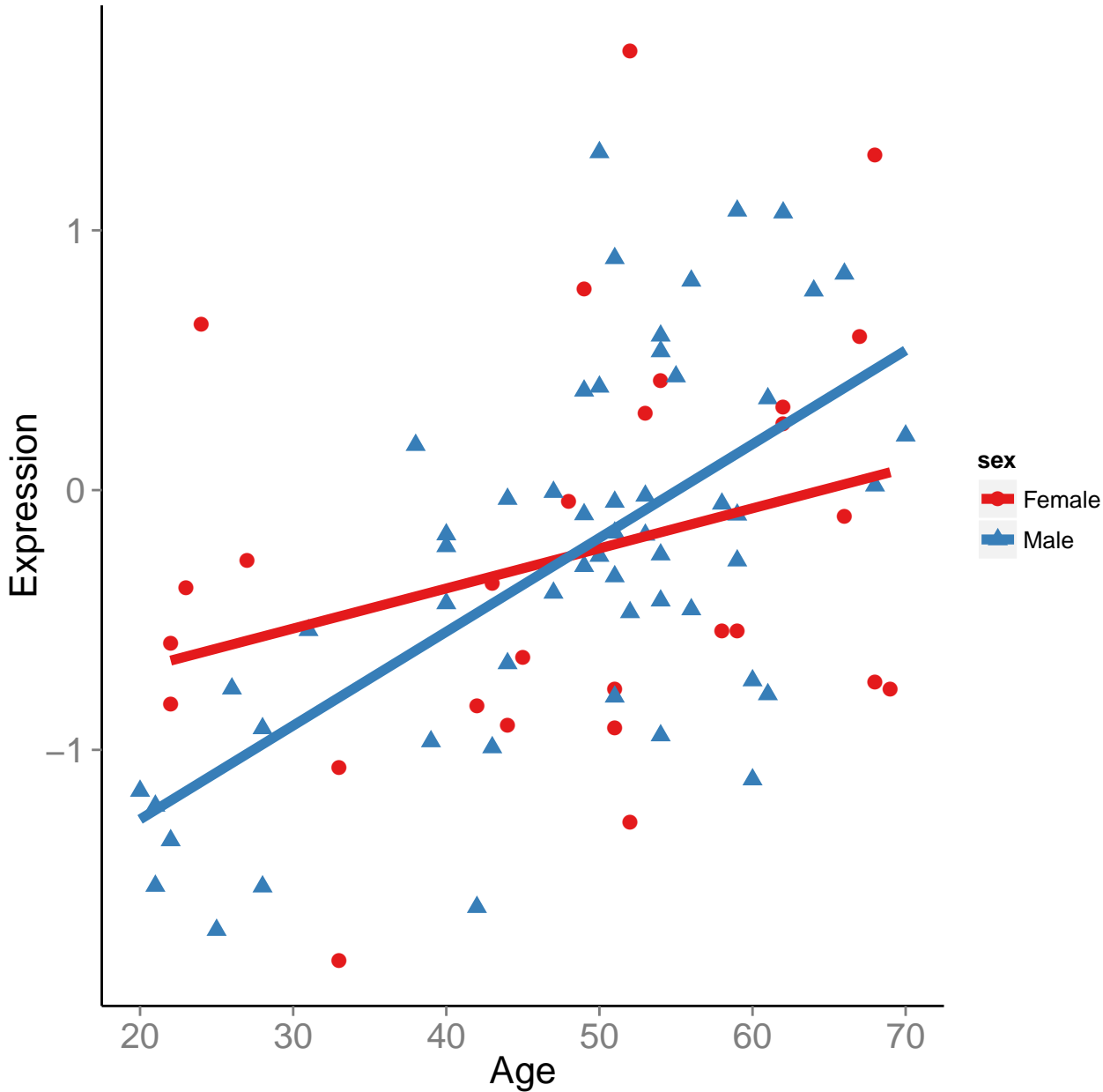
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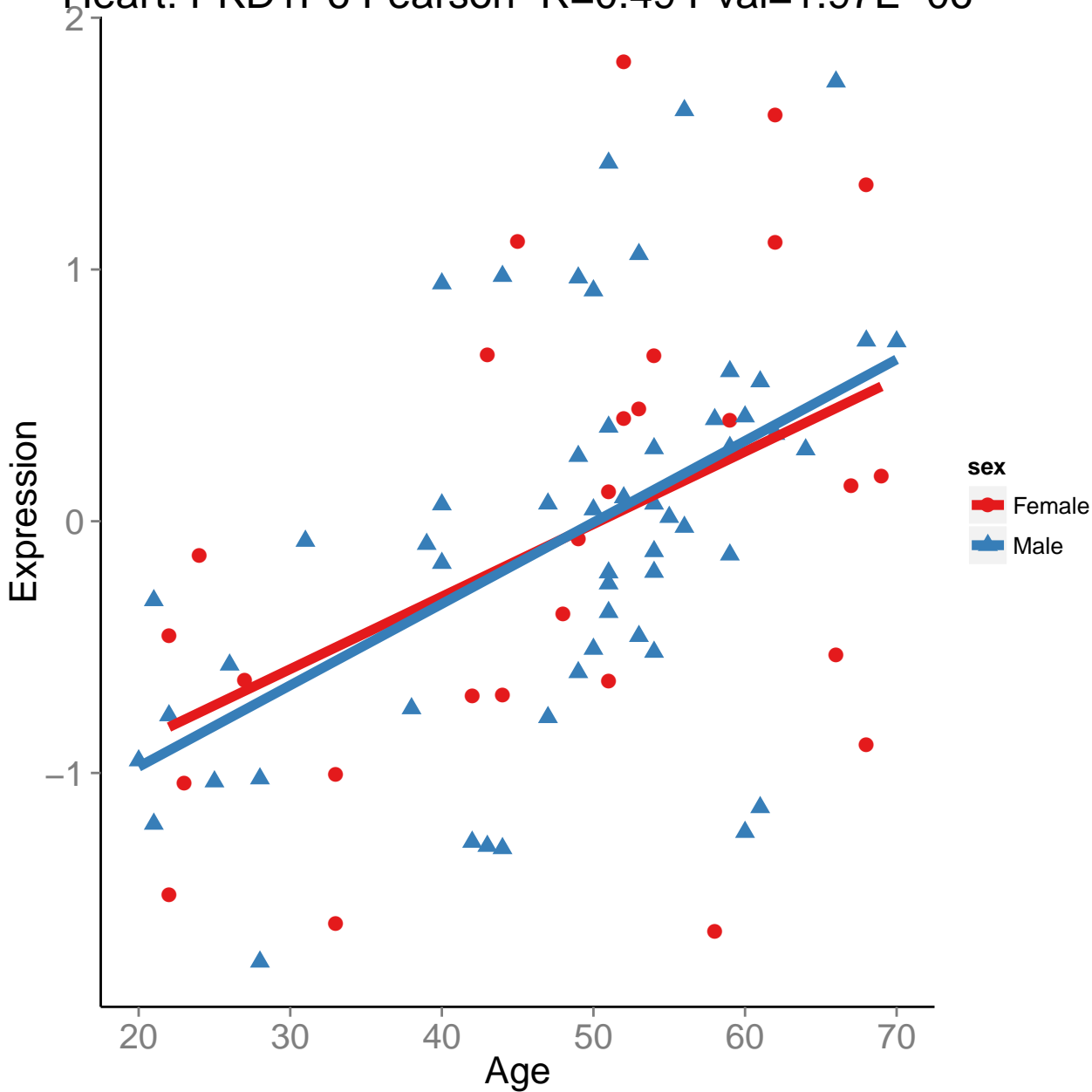
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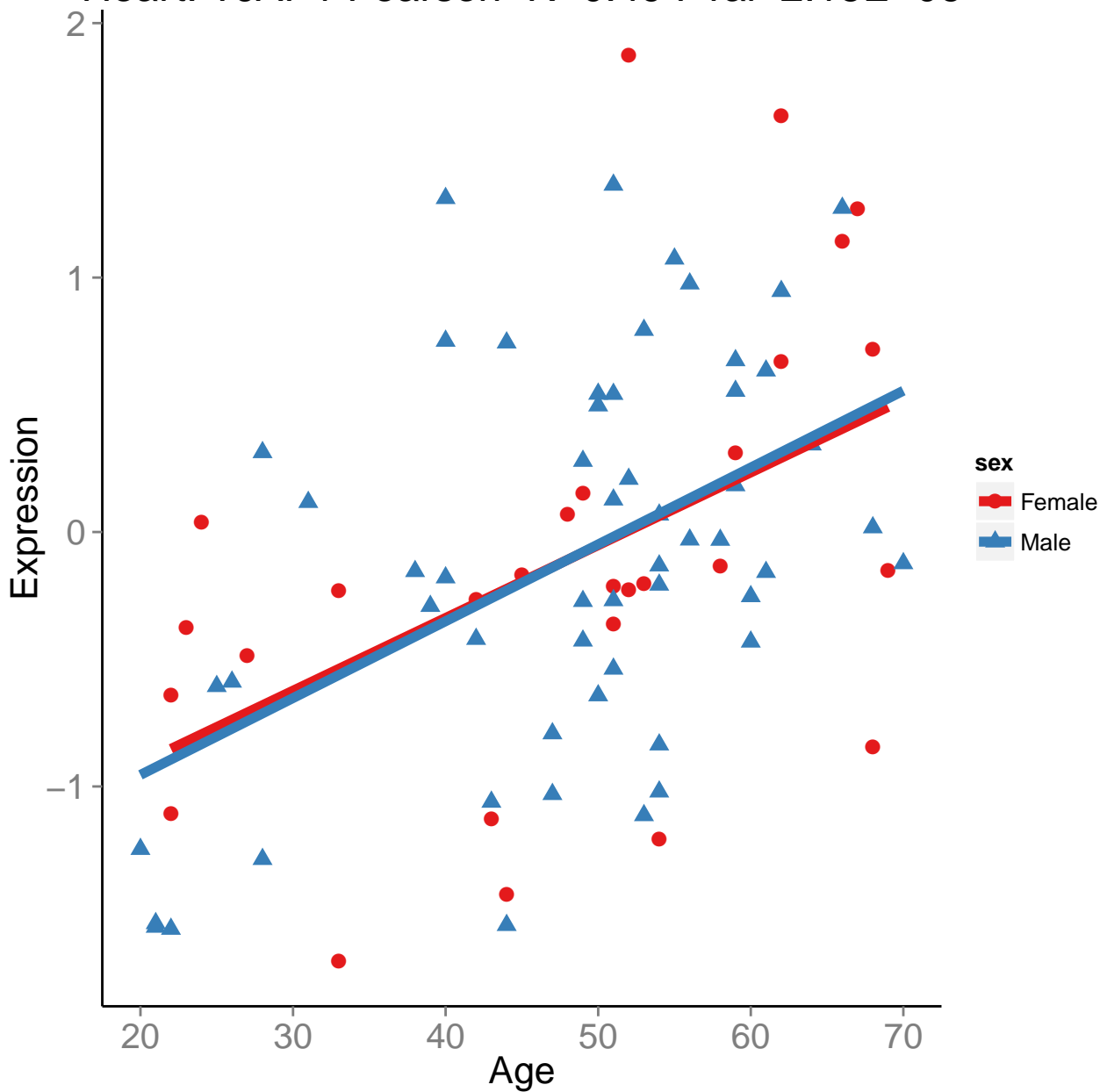
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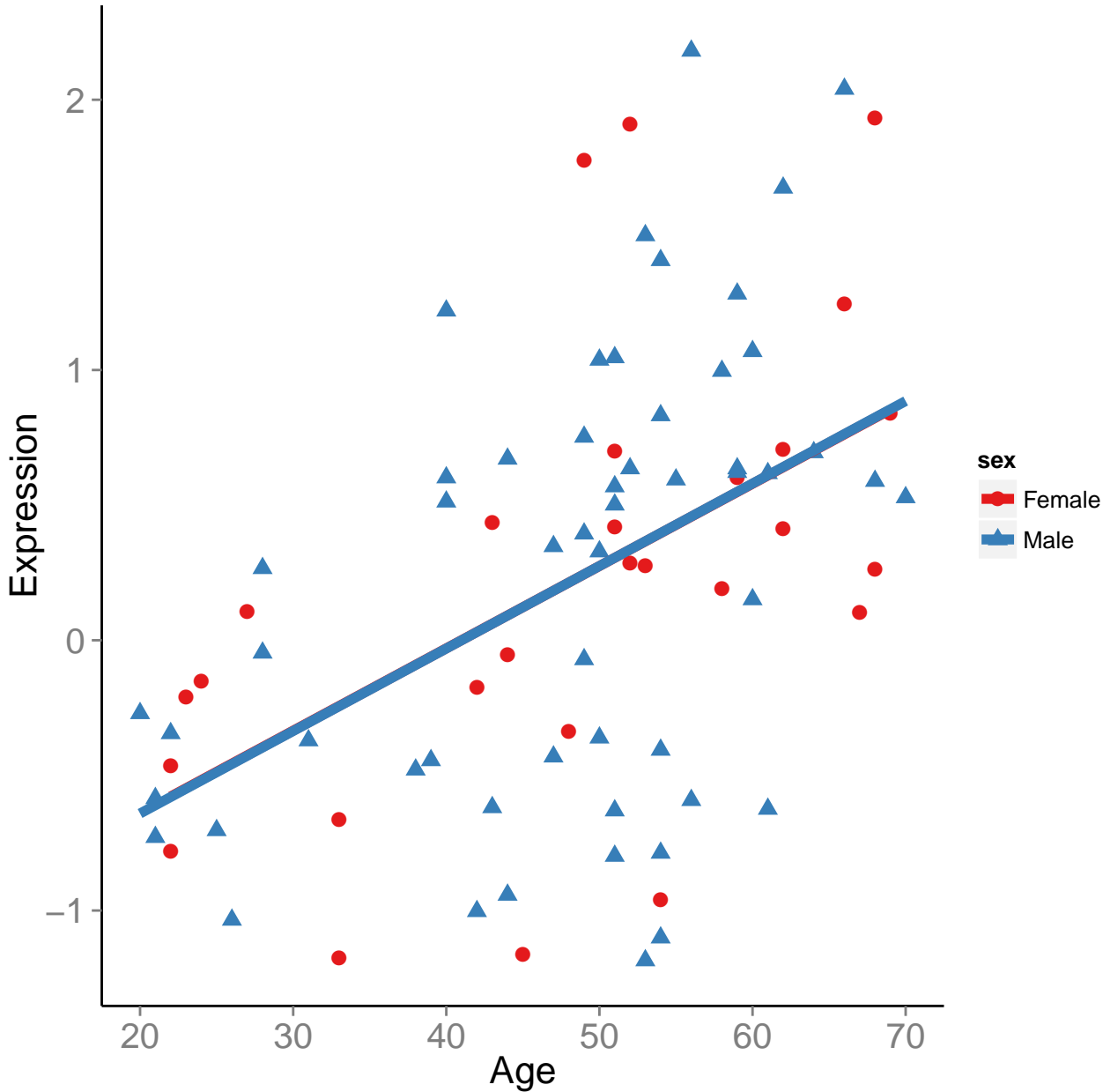
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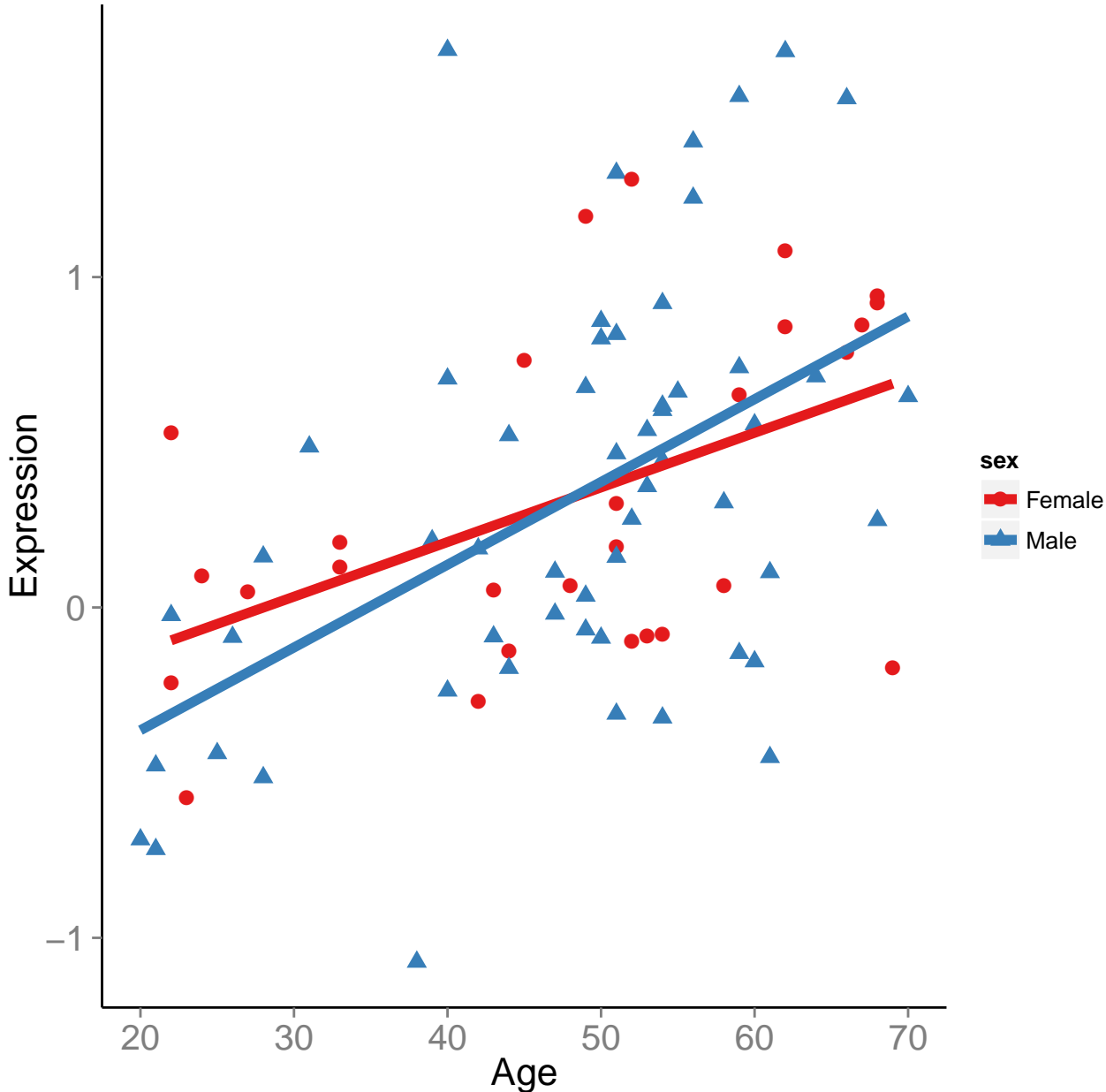
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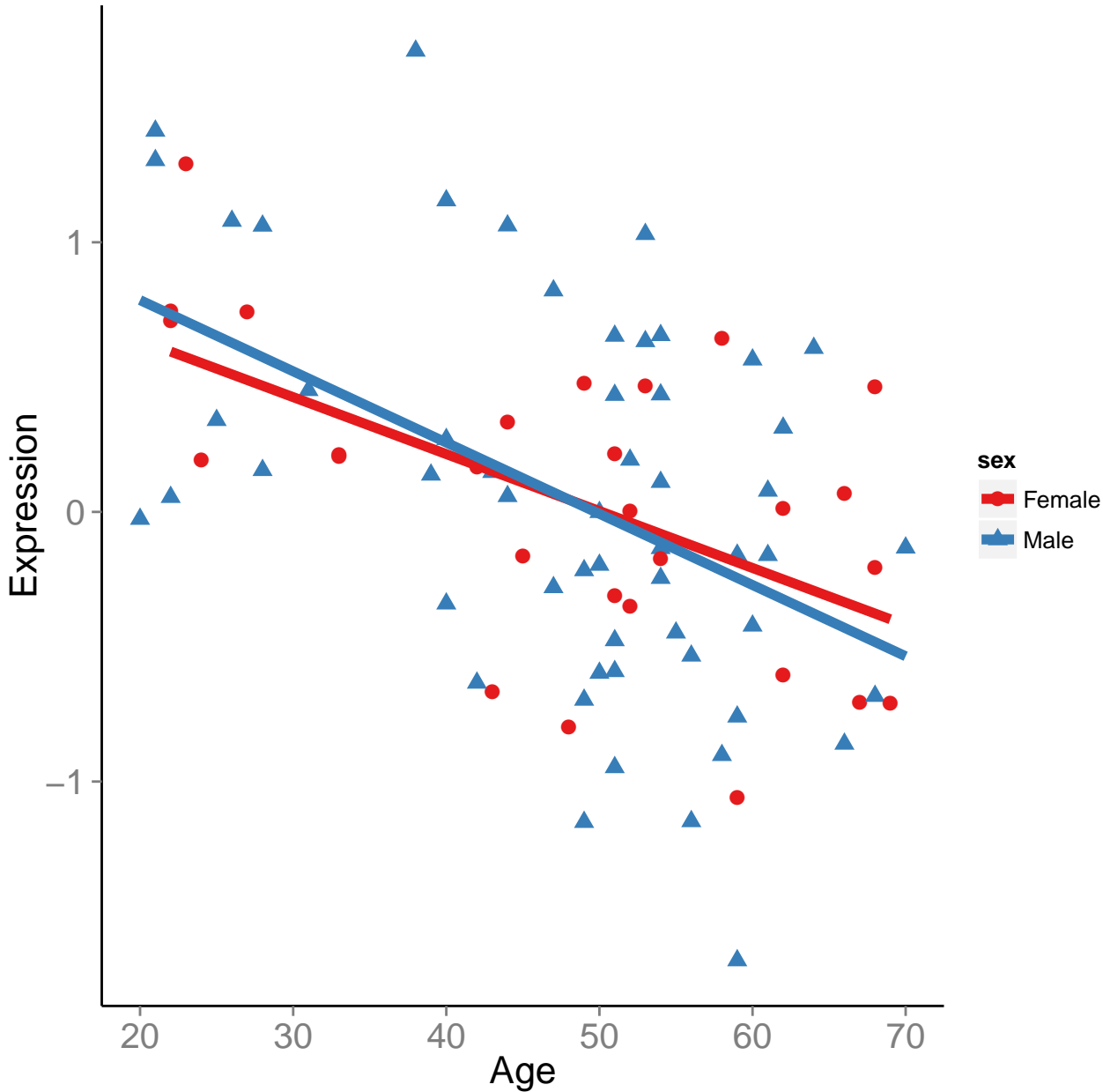
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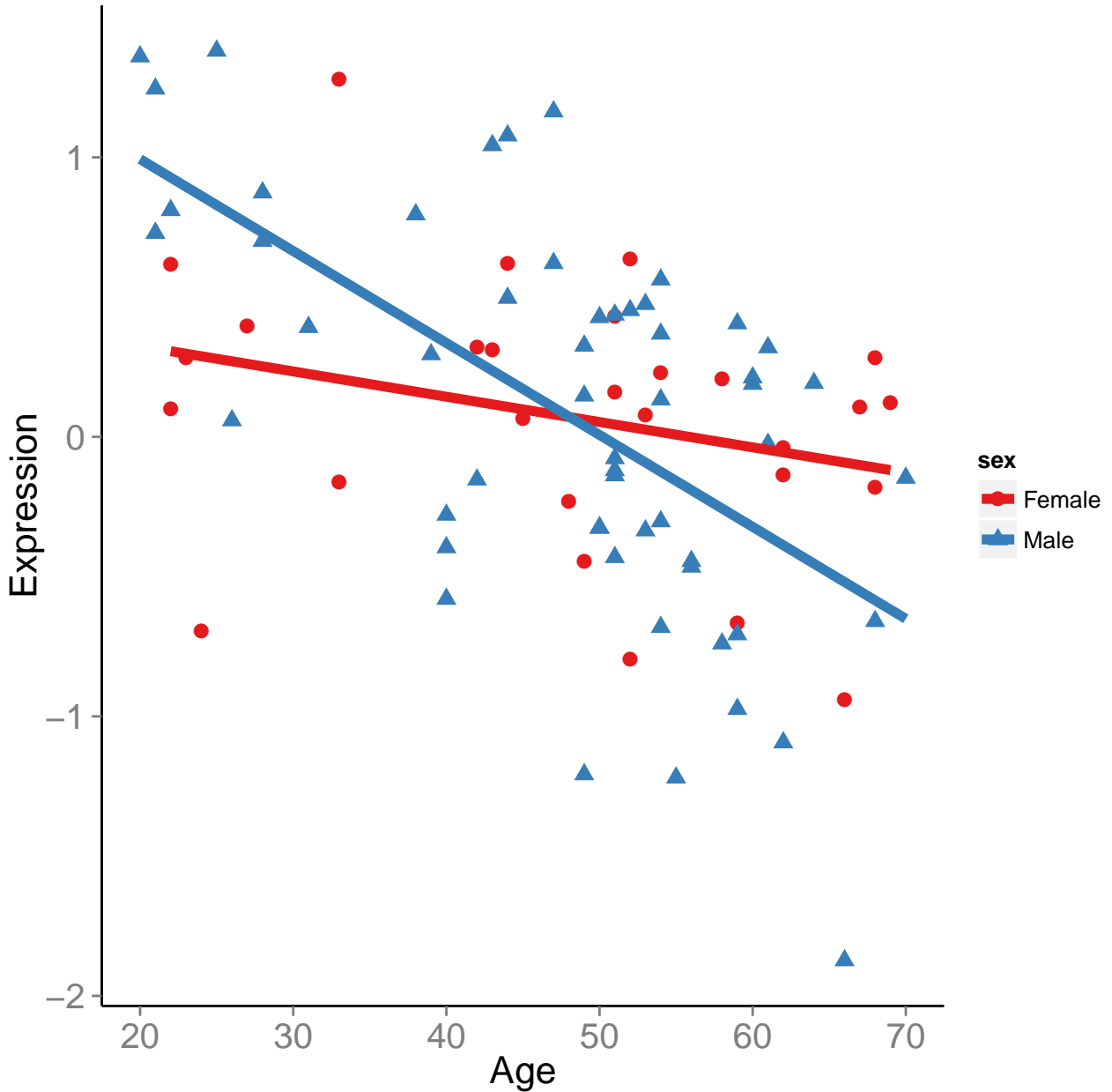
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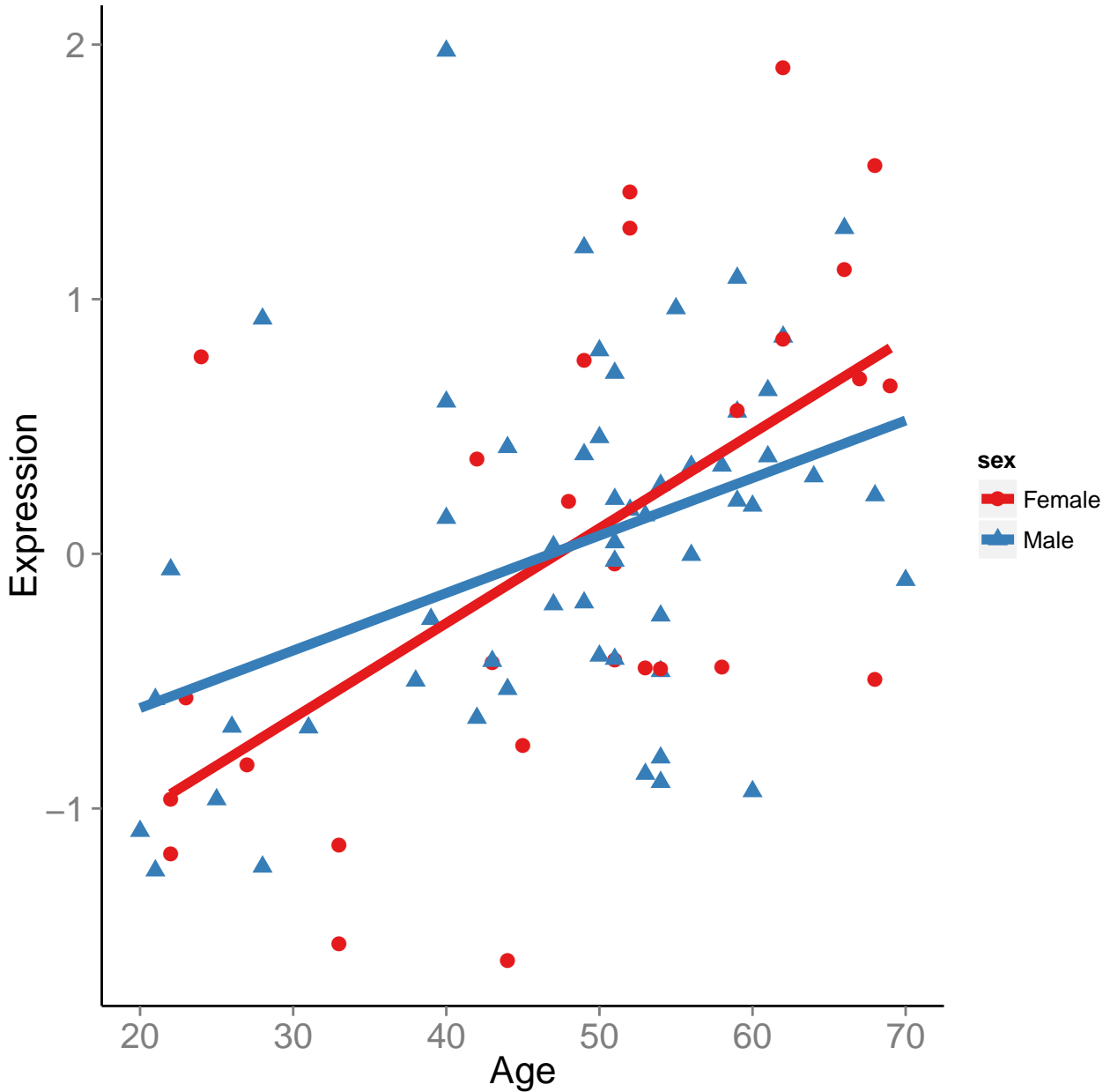
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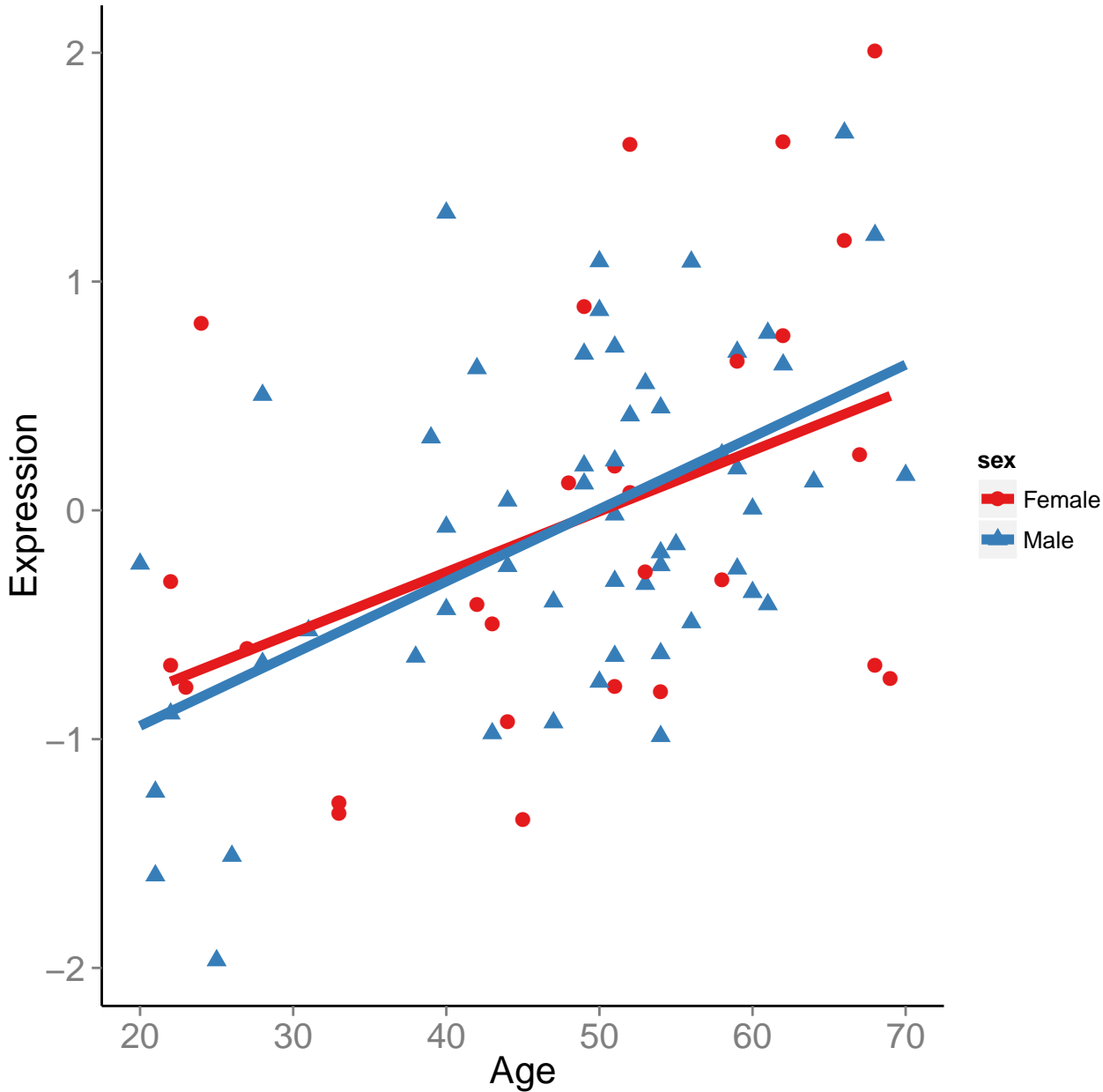
Heart: OXA1L Pearson-R=-0.49 Pval=2.63E-06



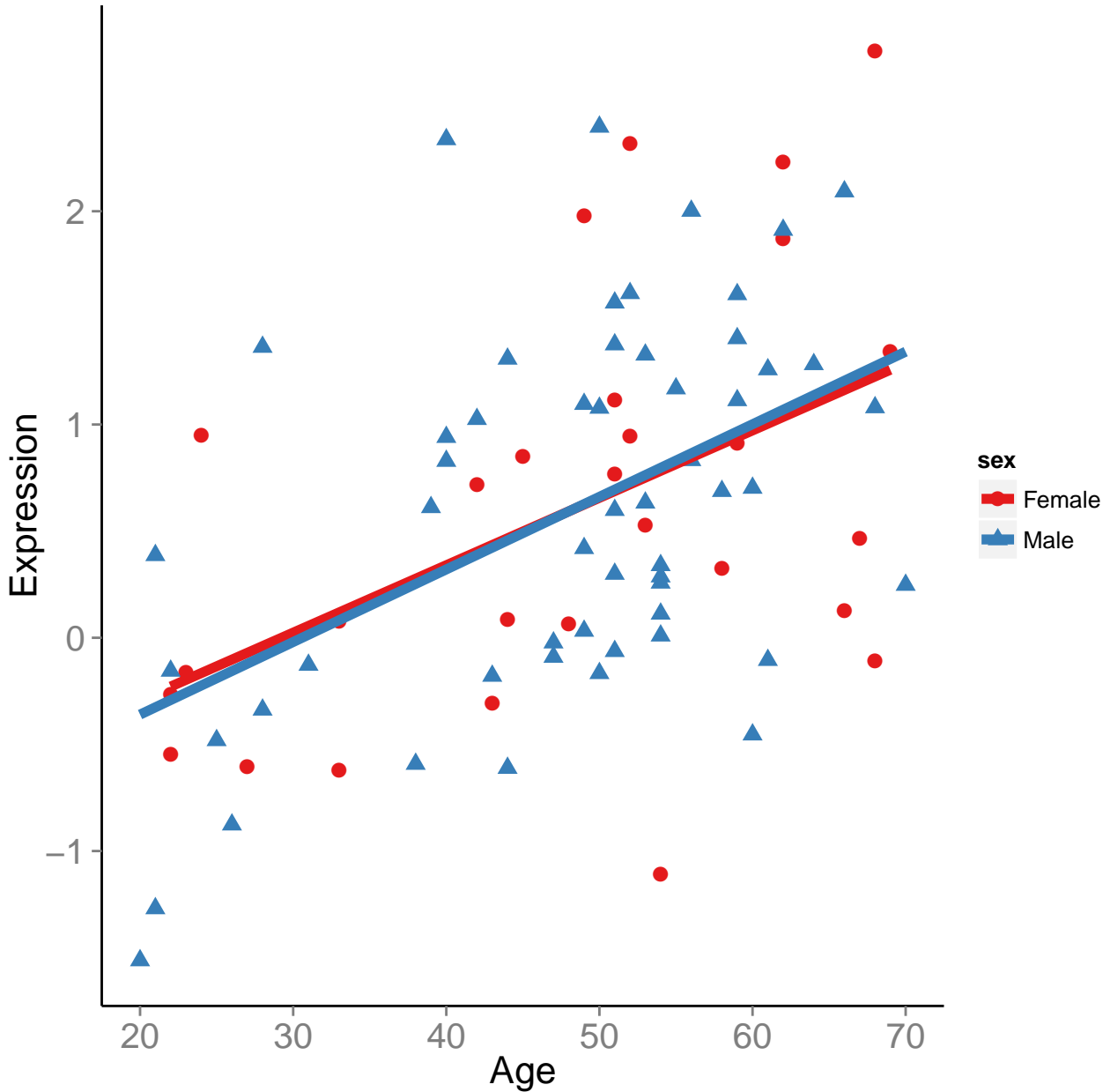
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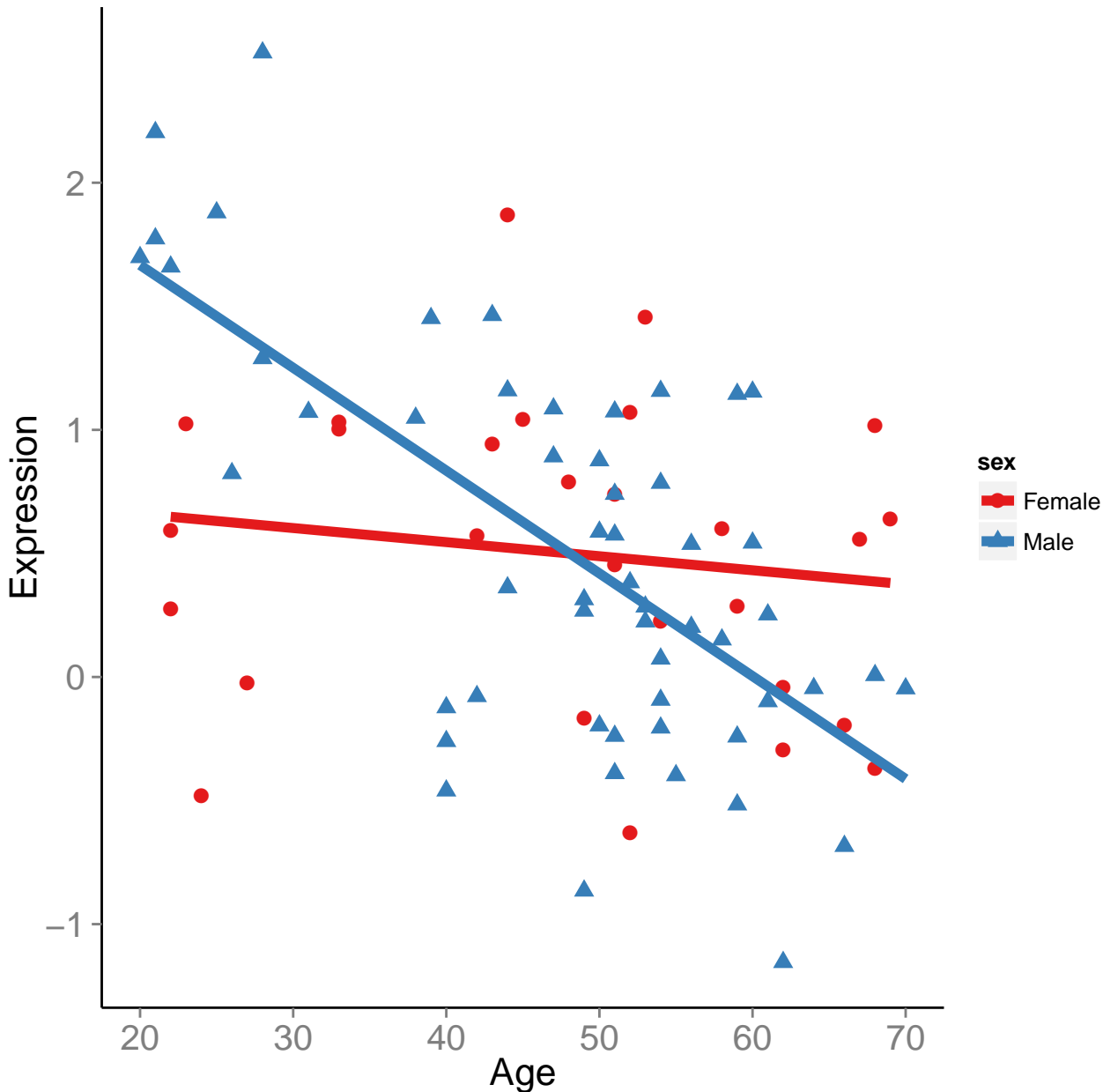
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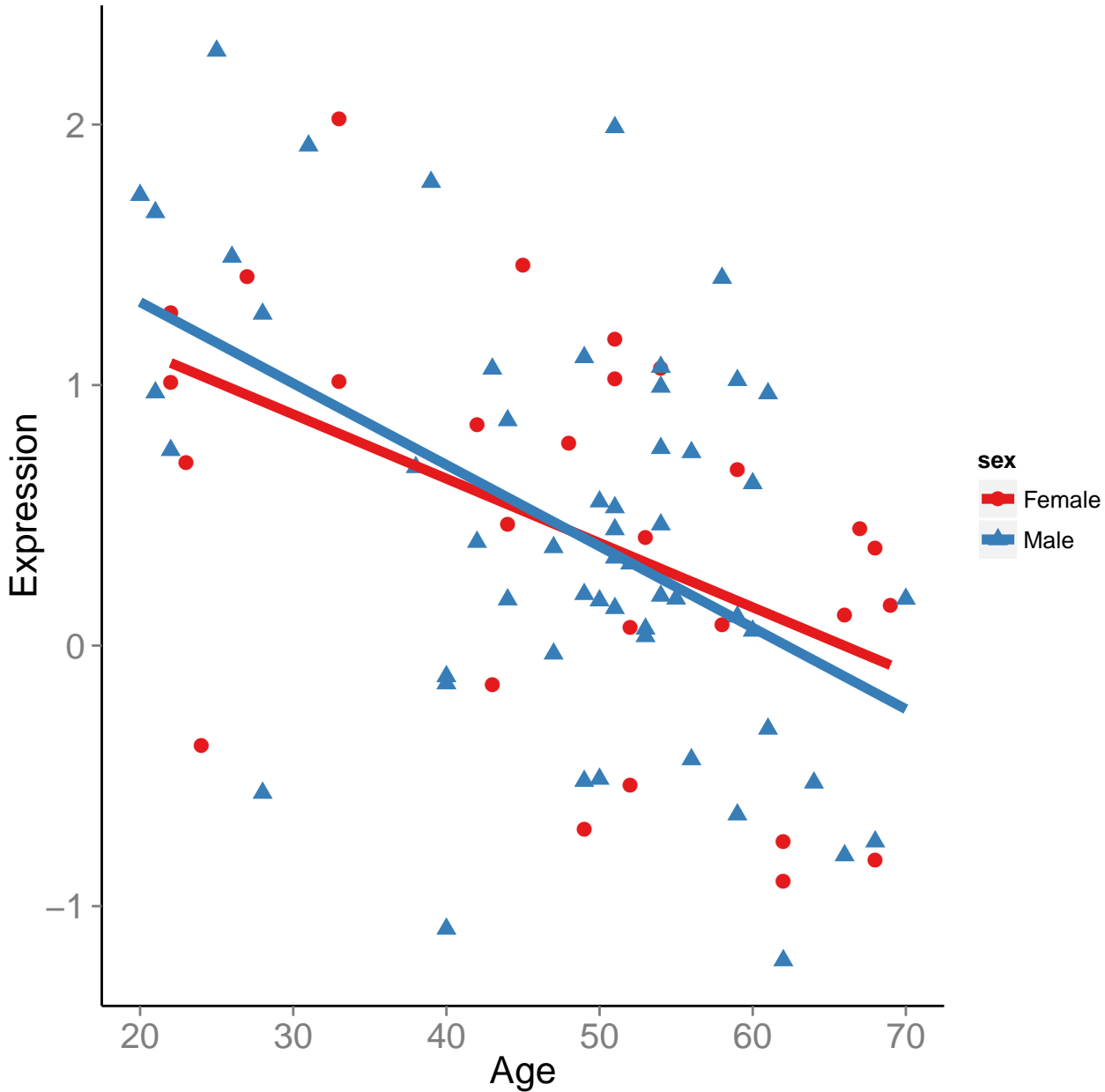
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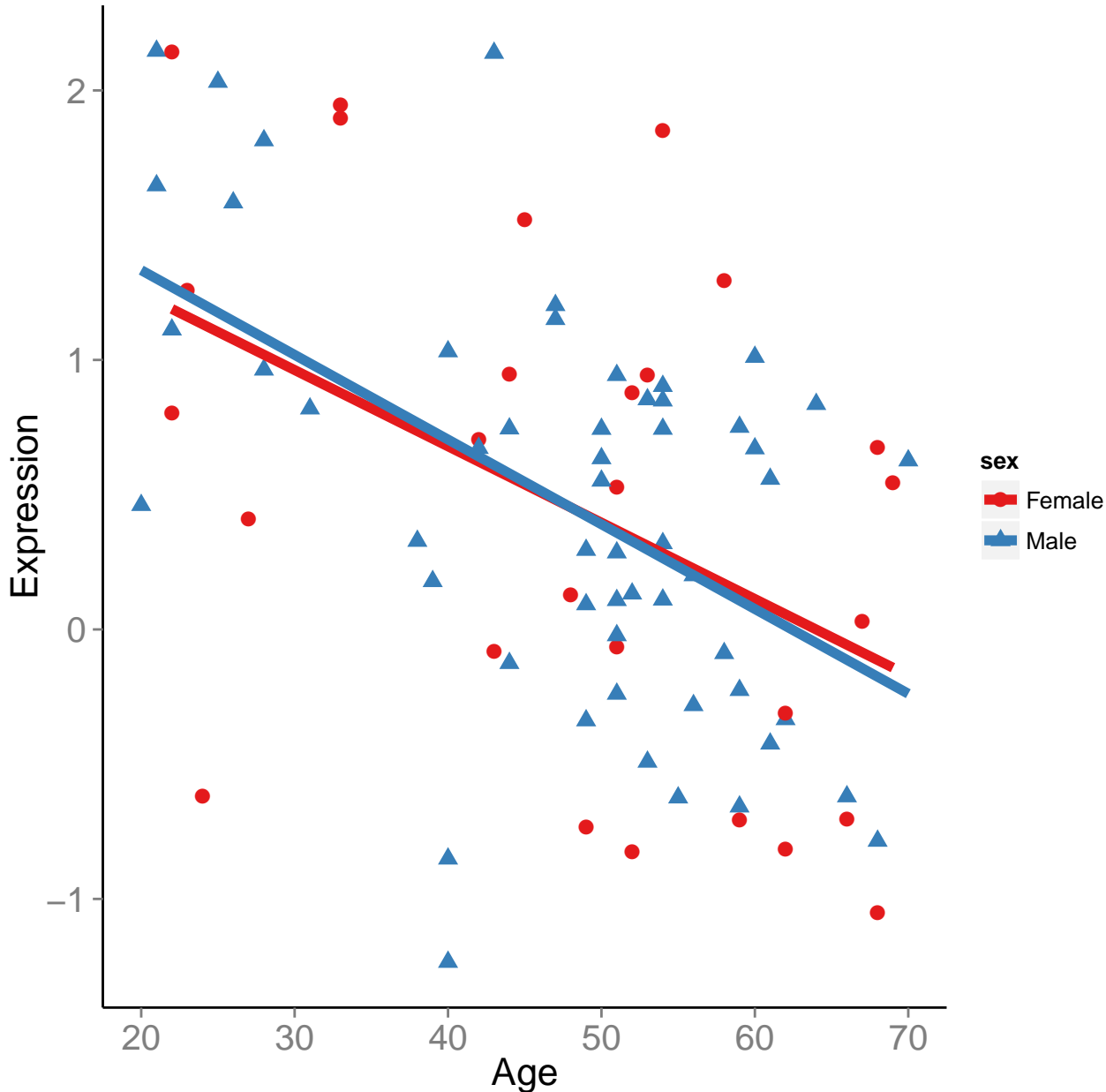
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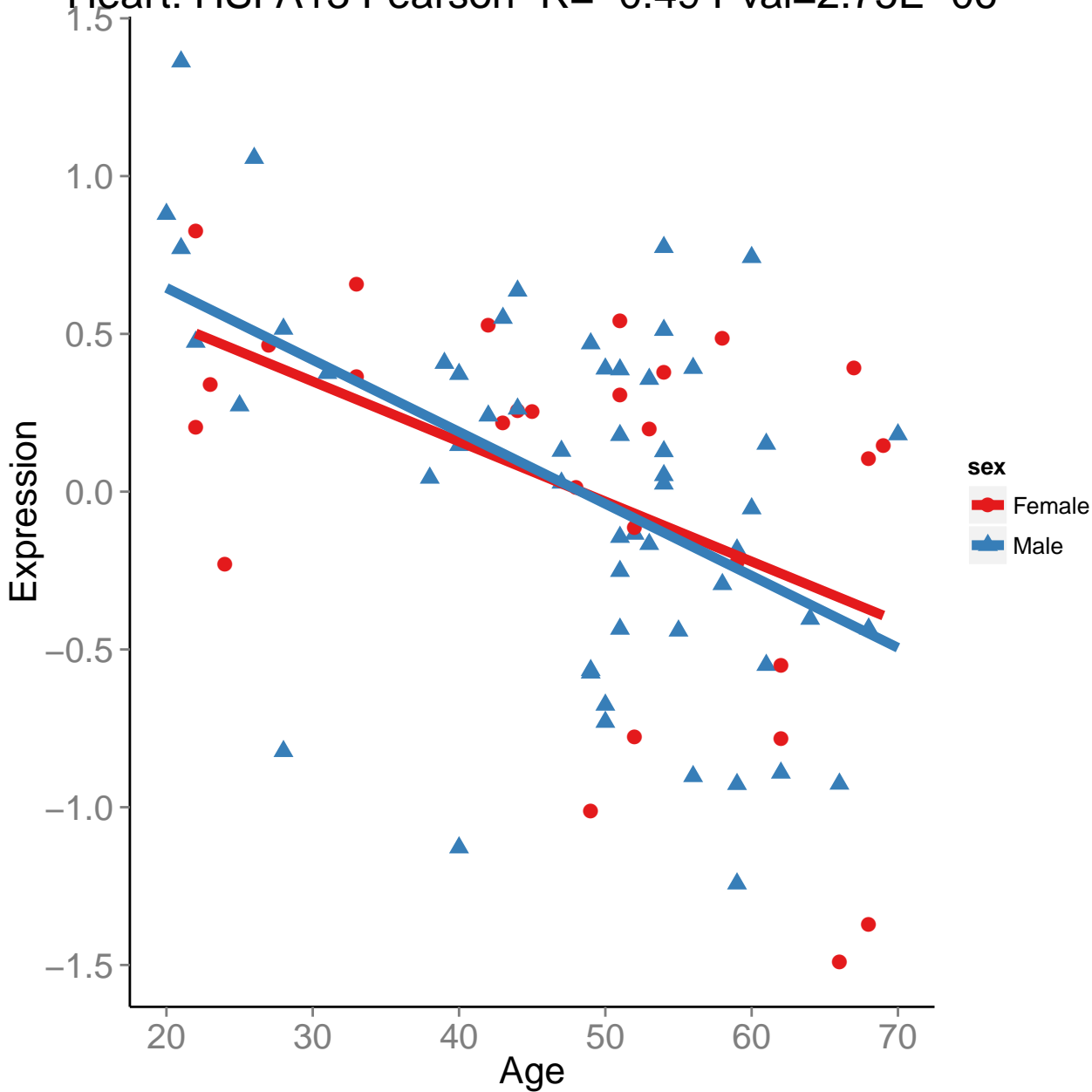
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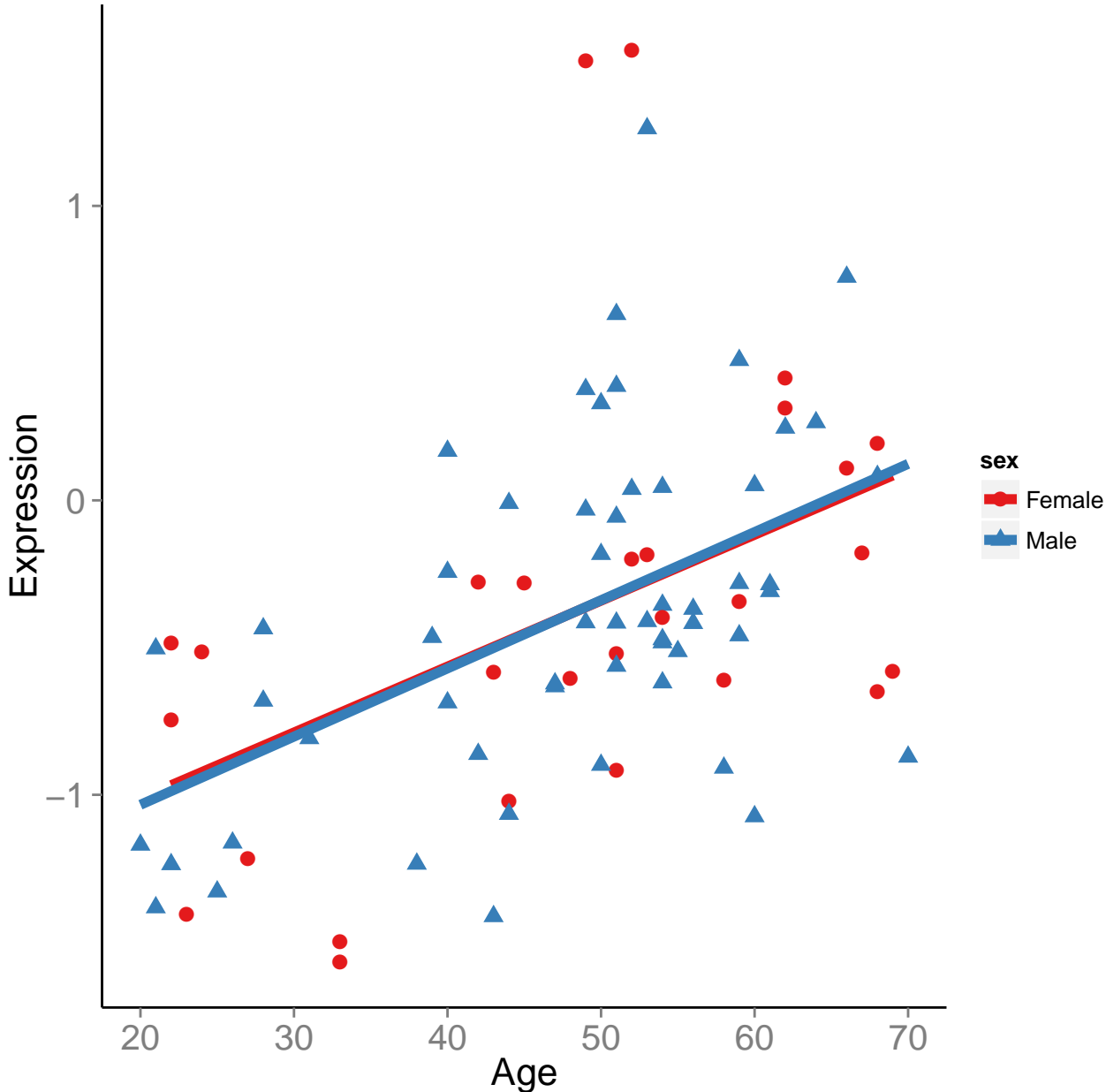
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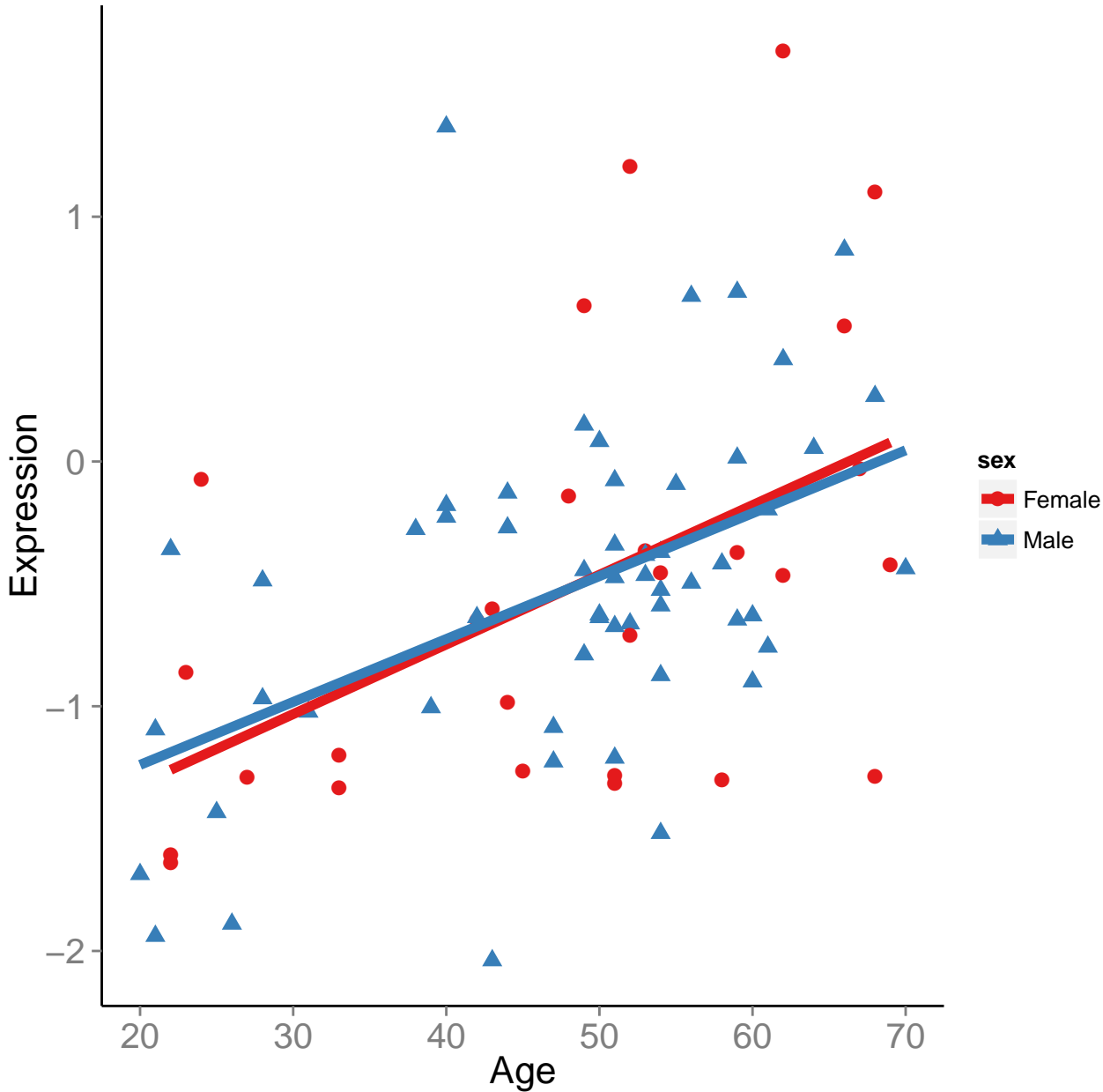
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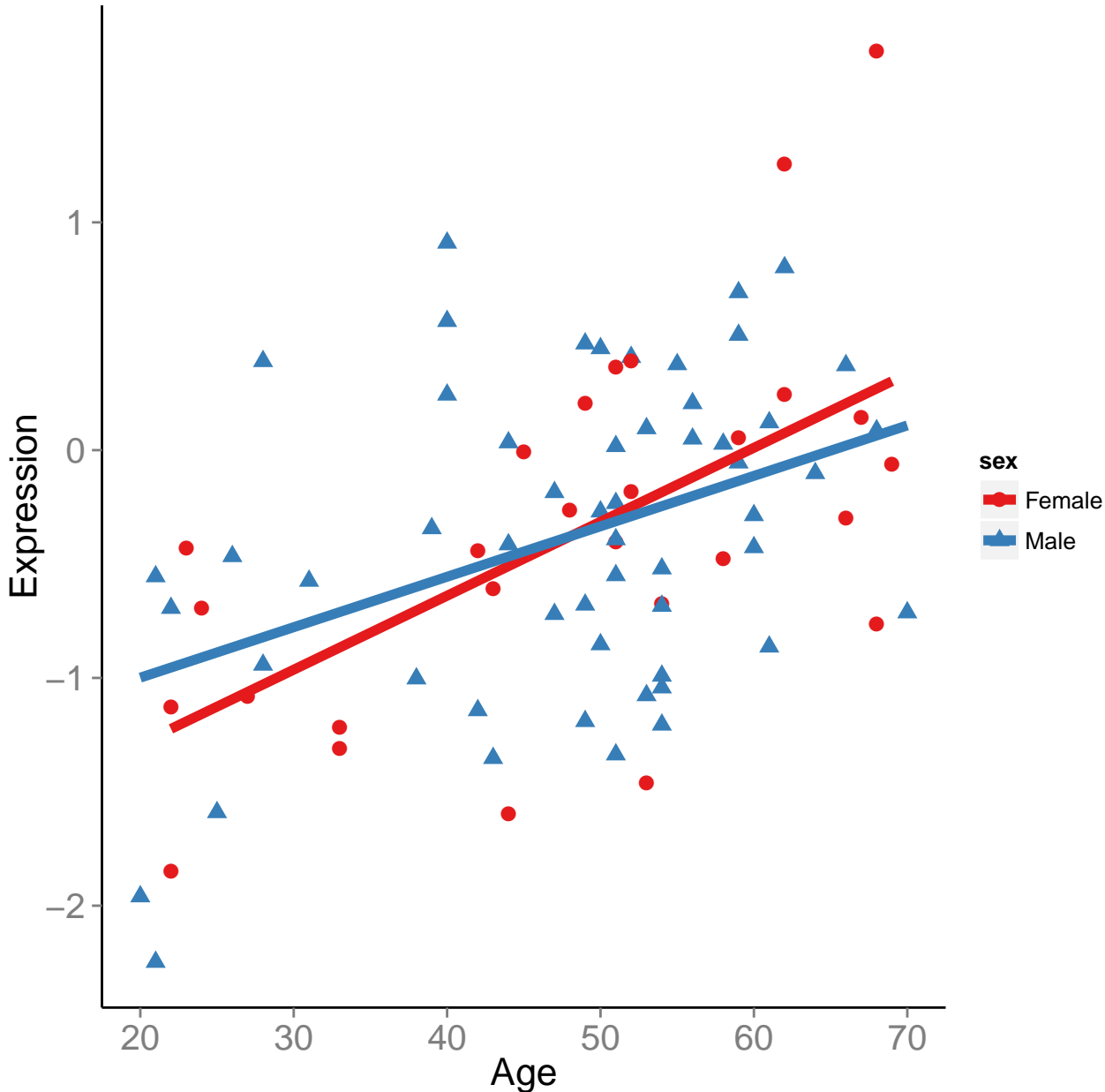
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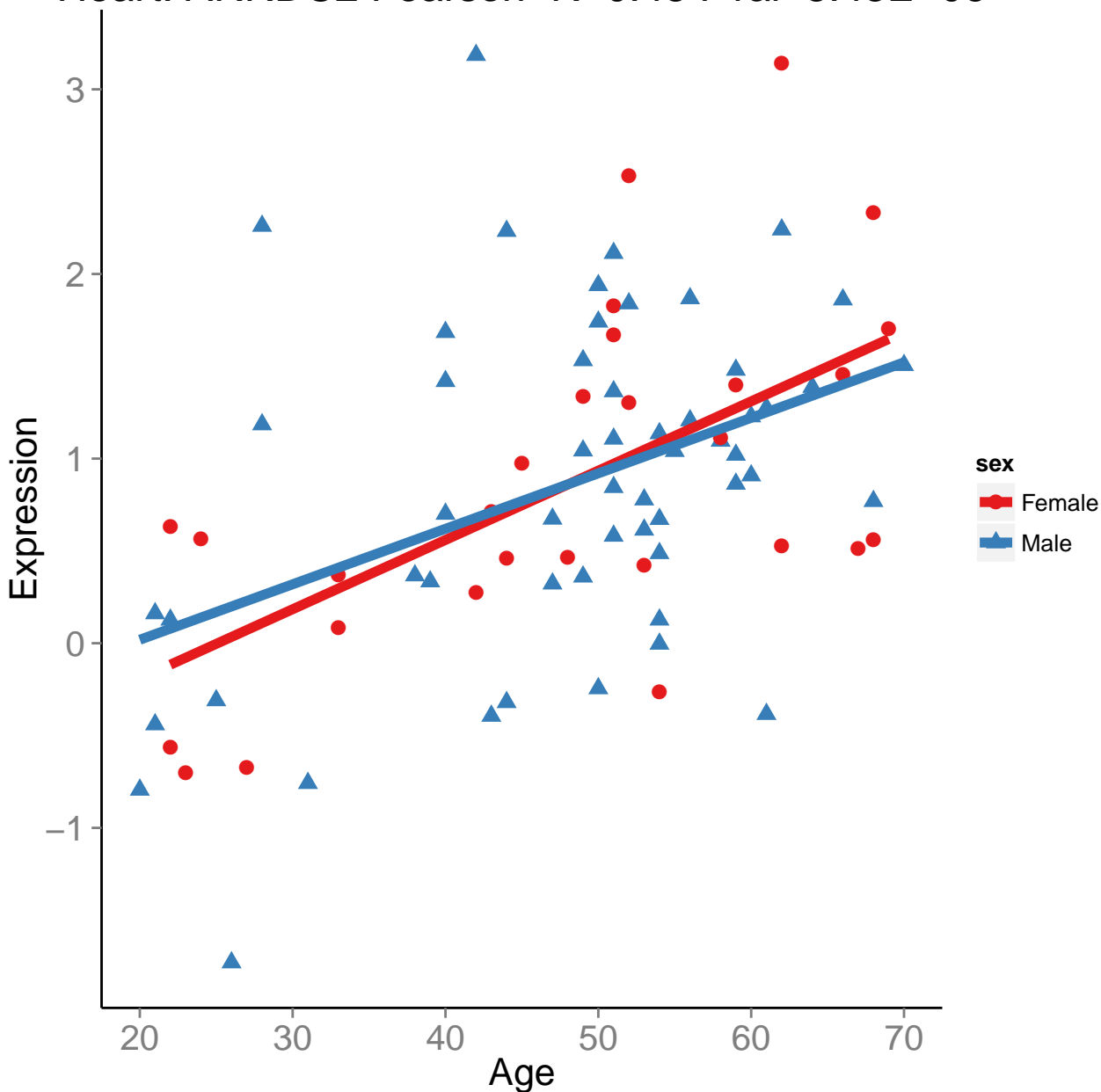
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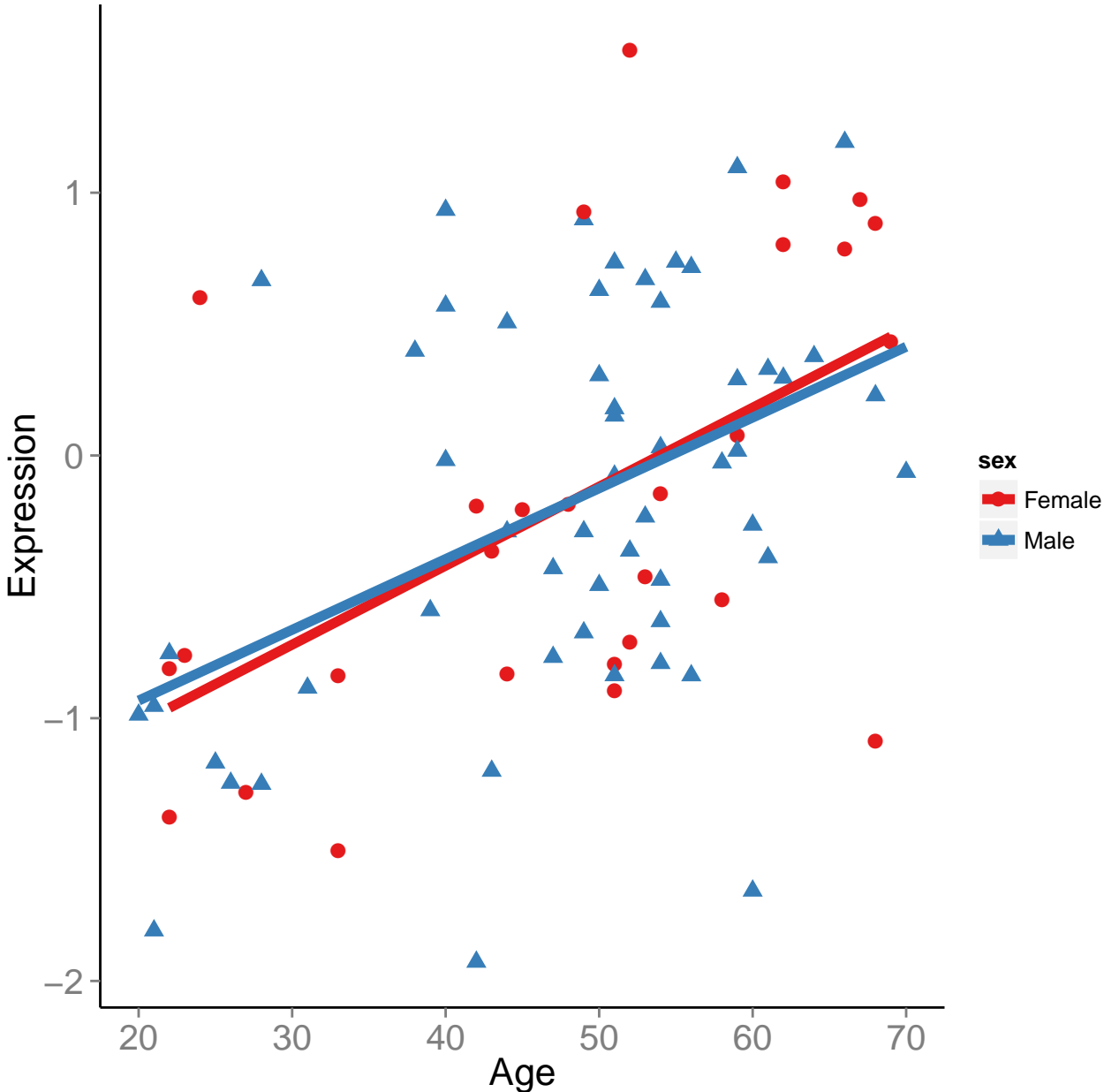
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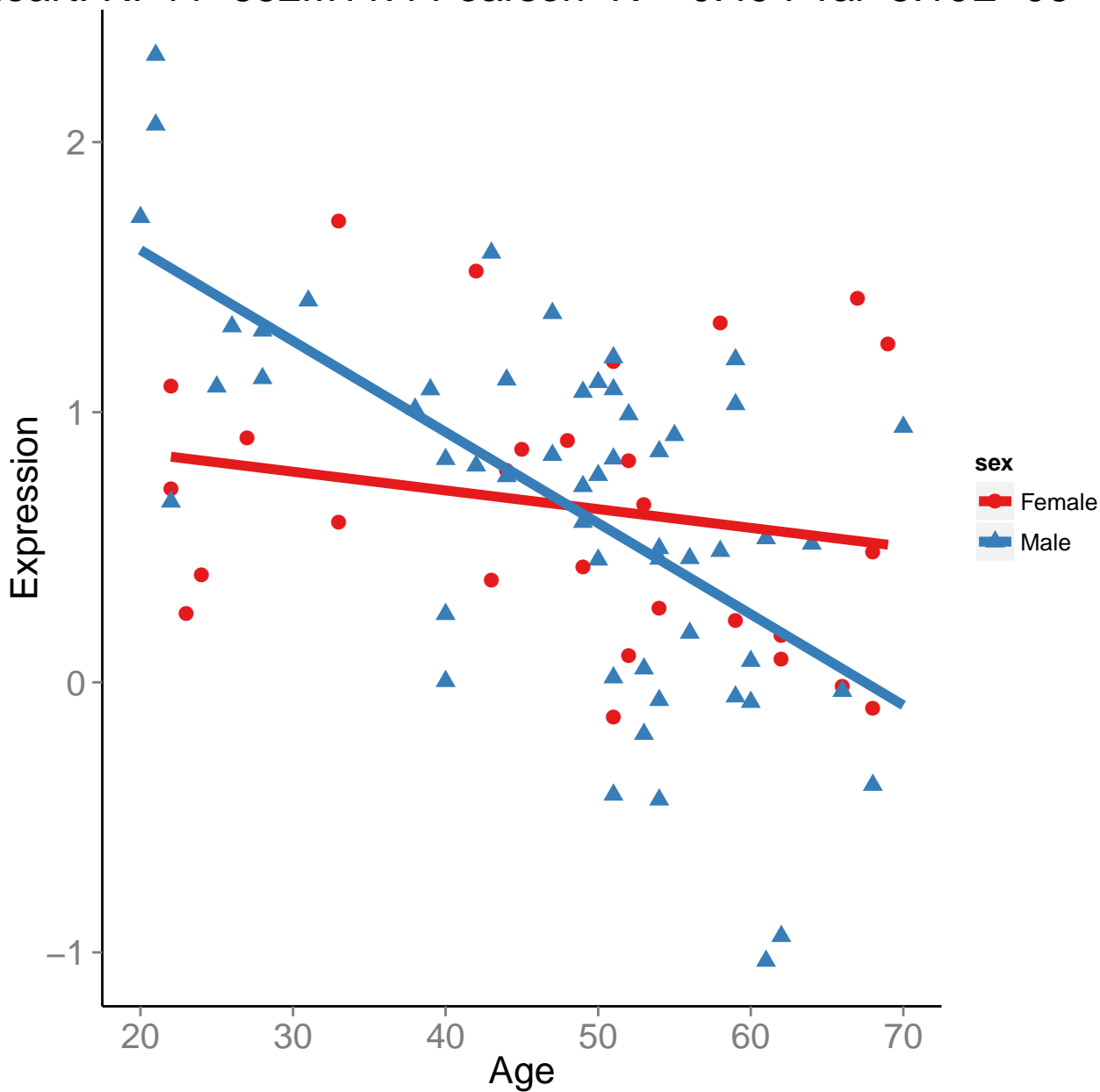
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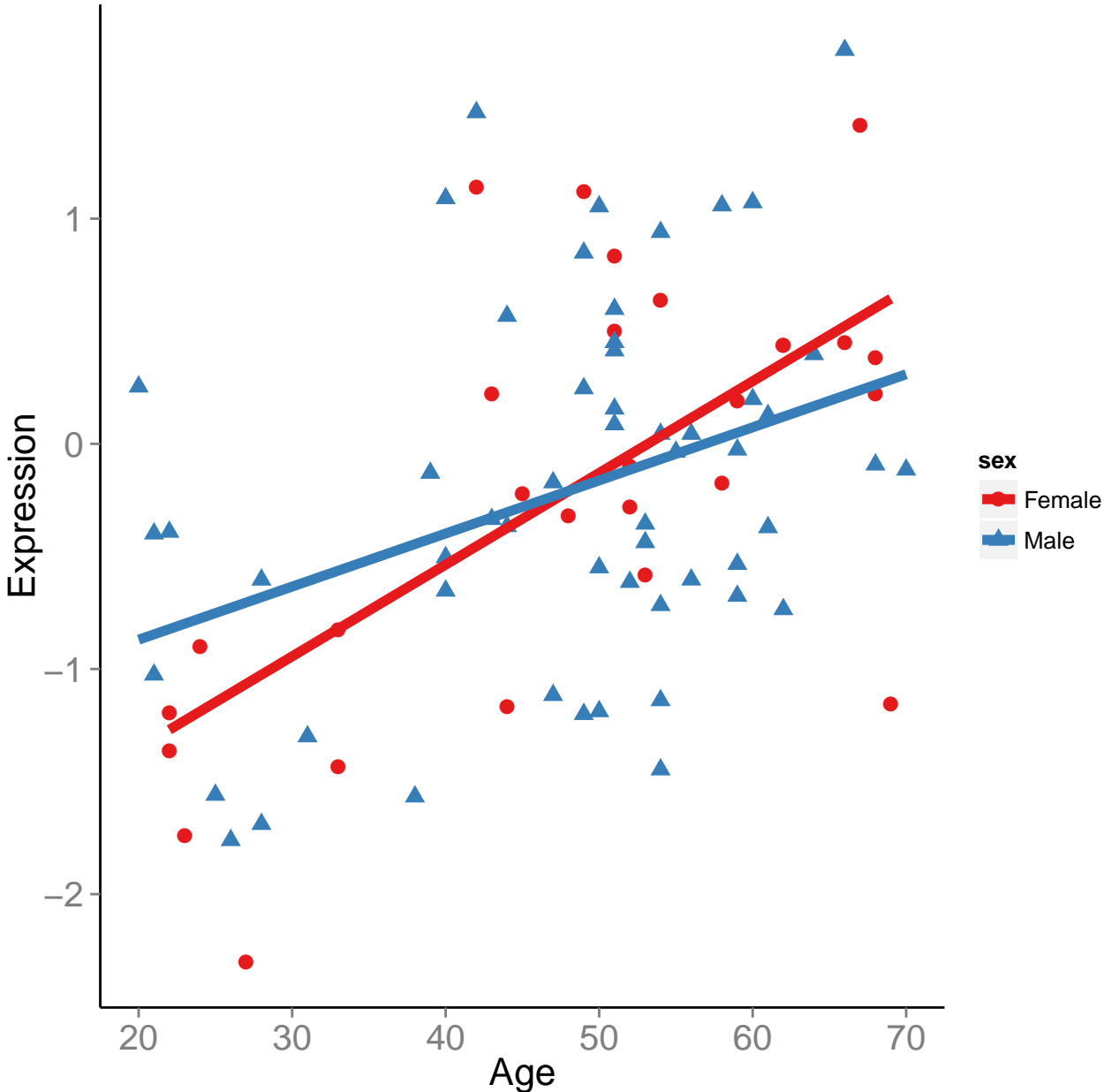
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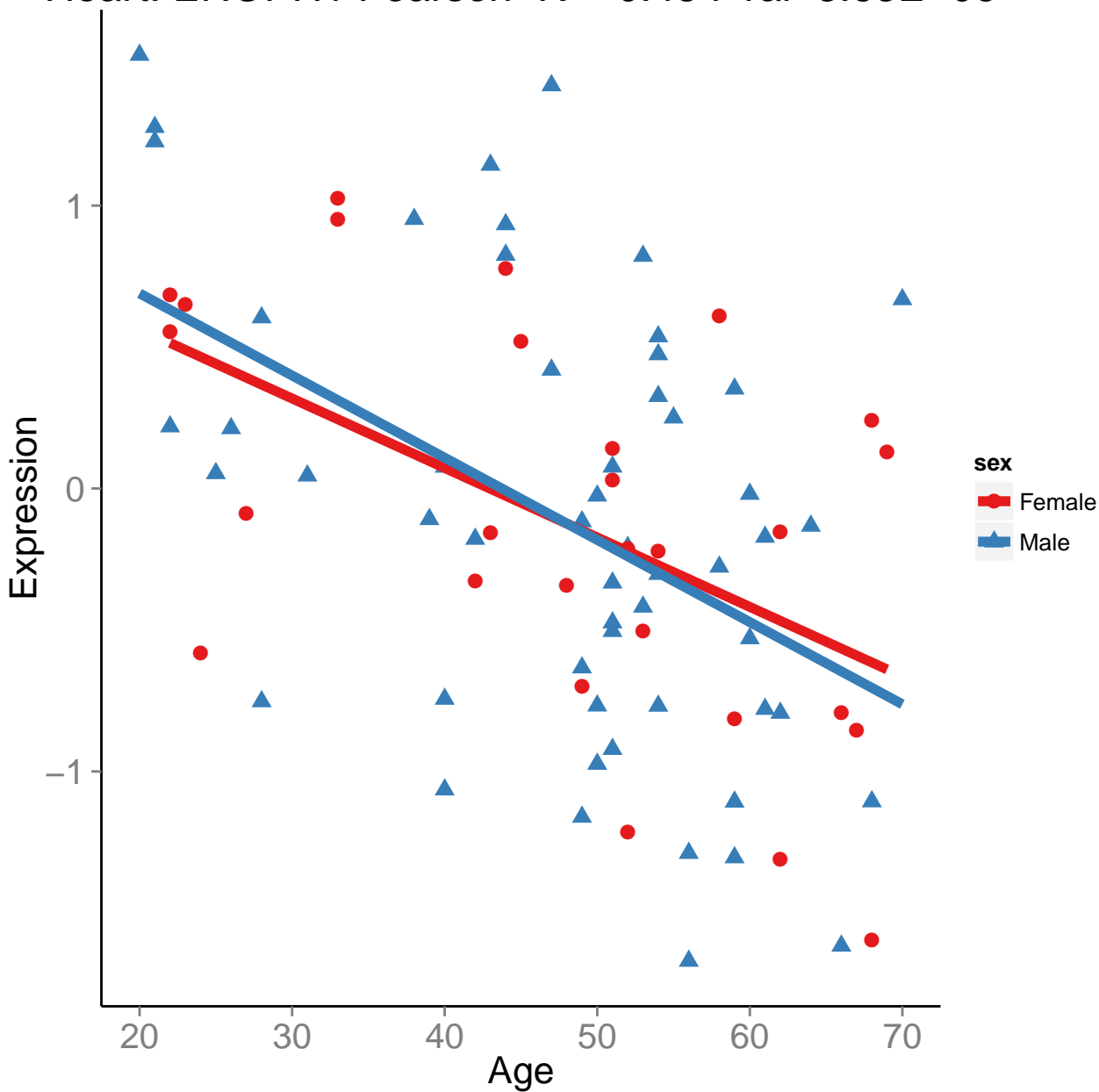
Heart: RP11-552M11.4 Pearson-R=-0.49 Pval=3.19E-06



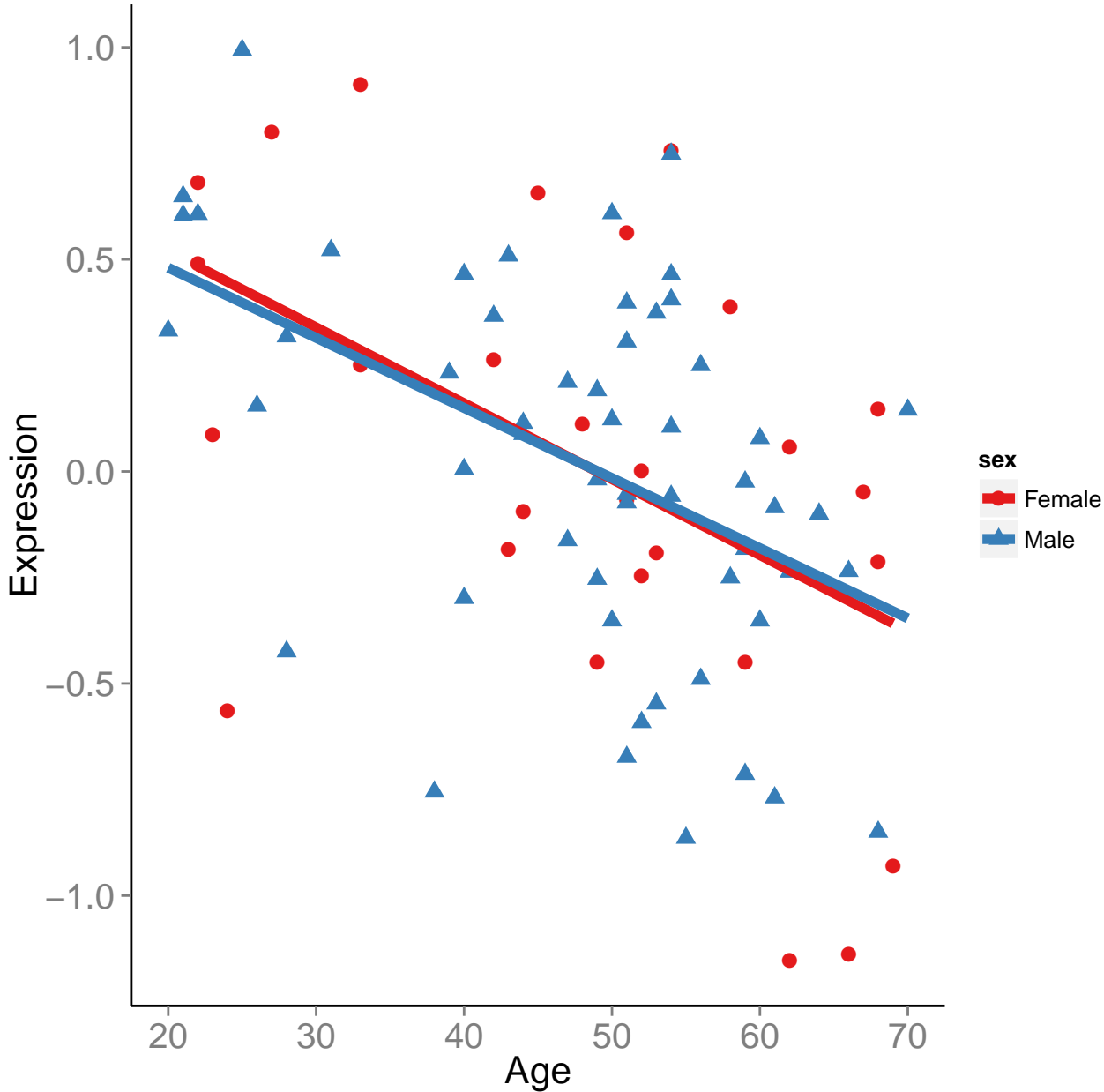
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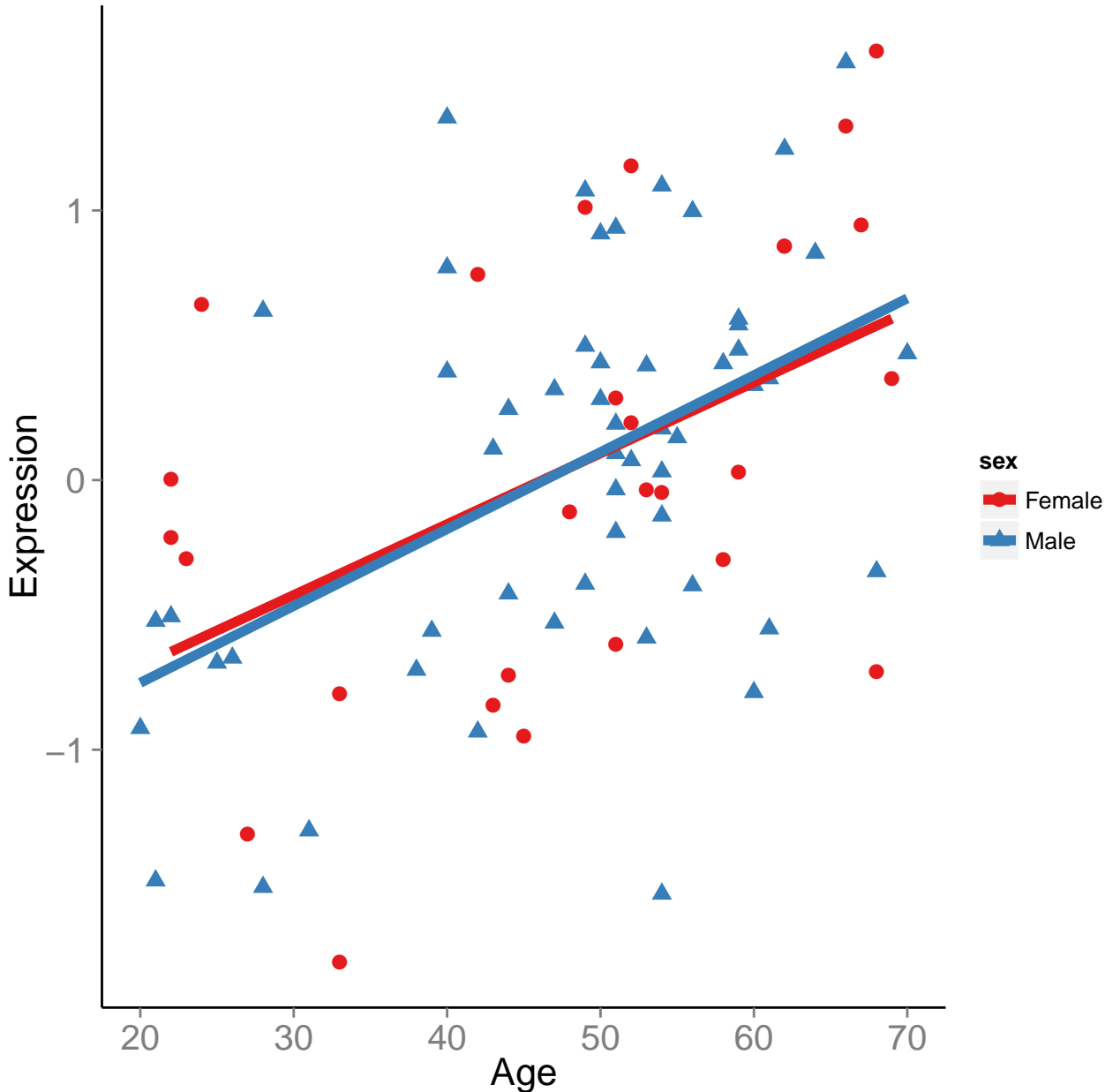
Heart: ENOPH1 Pearson-R=-0.48 Pval=3.63E-06



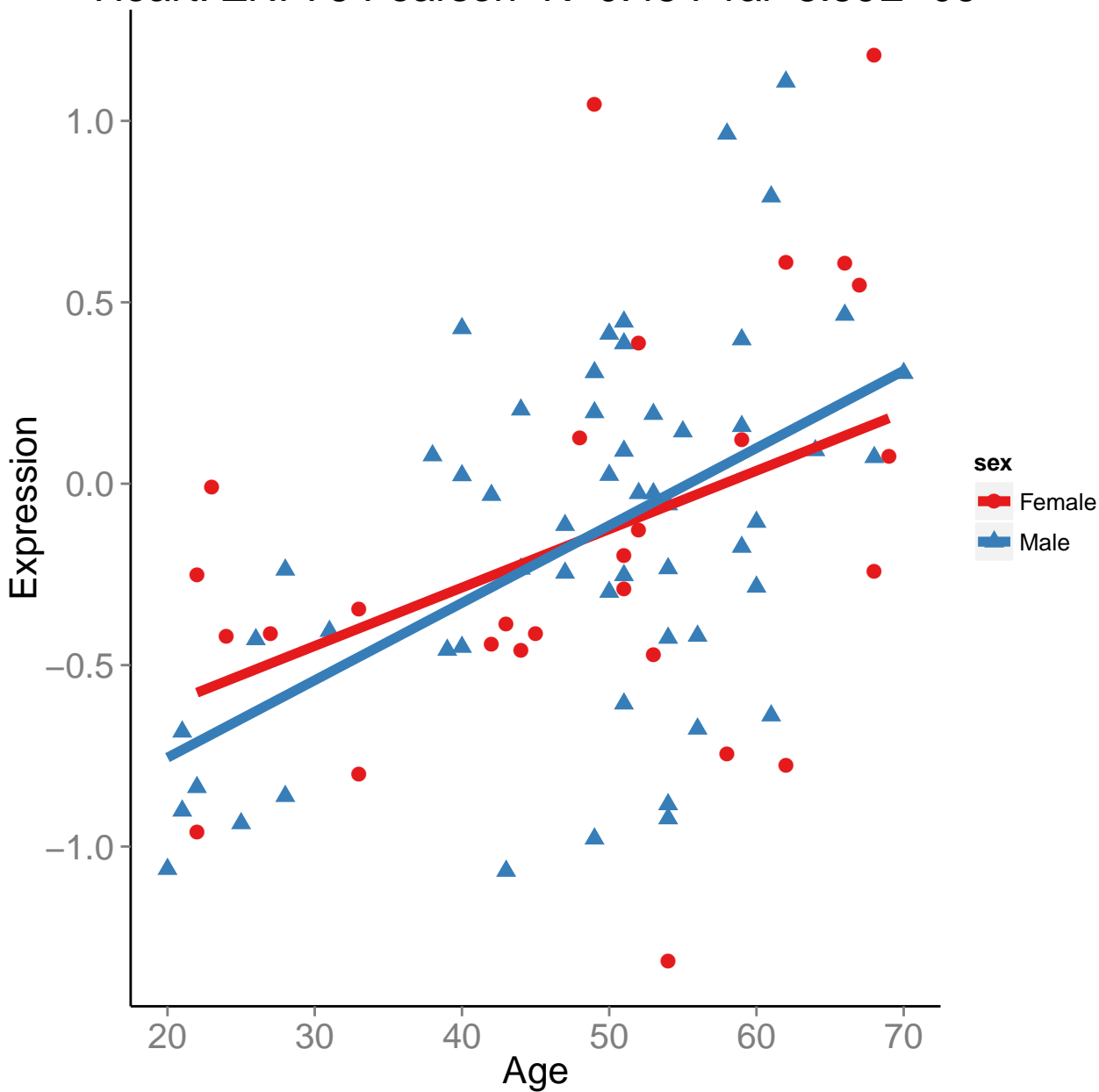
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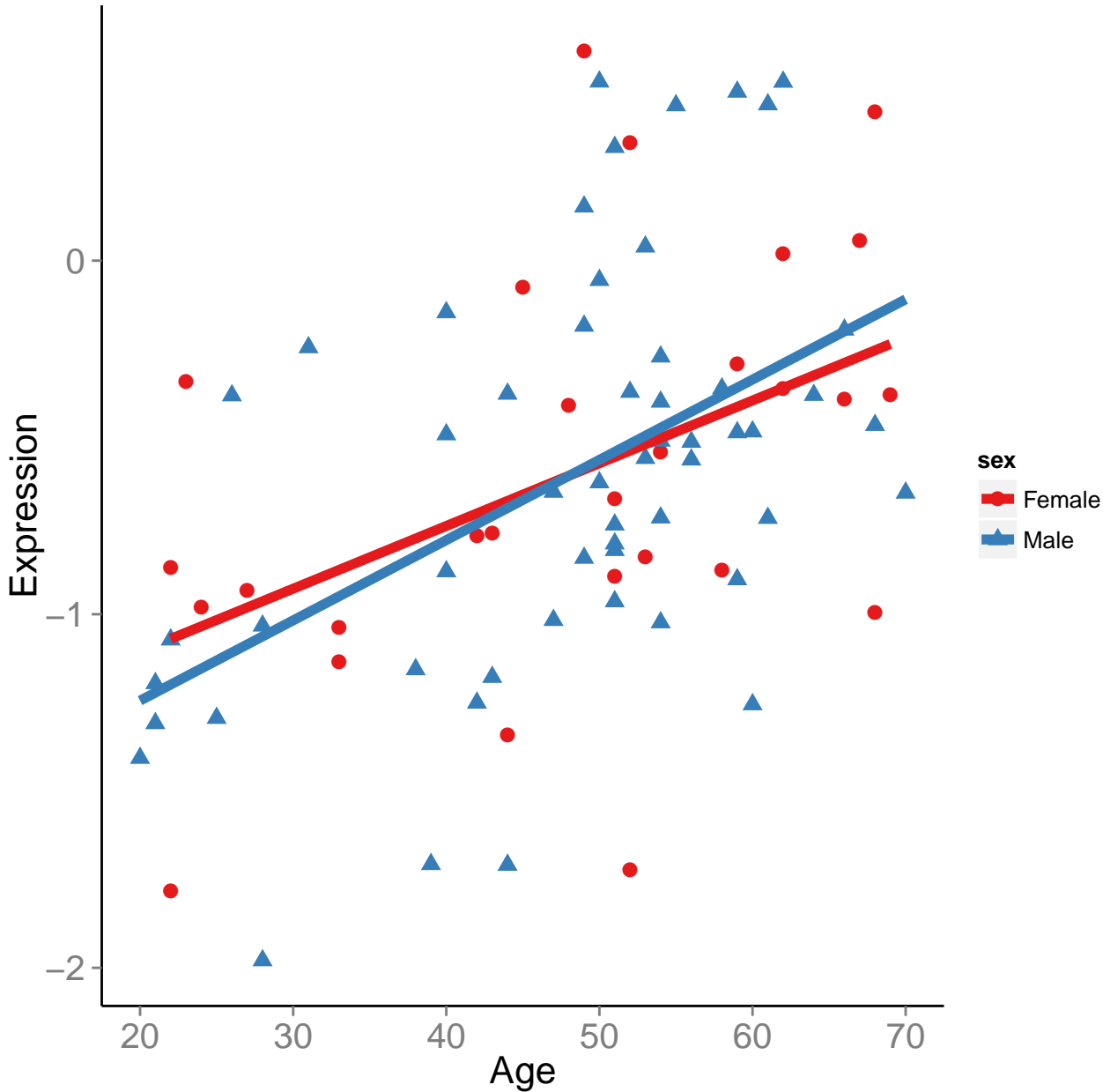
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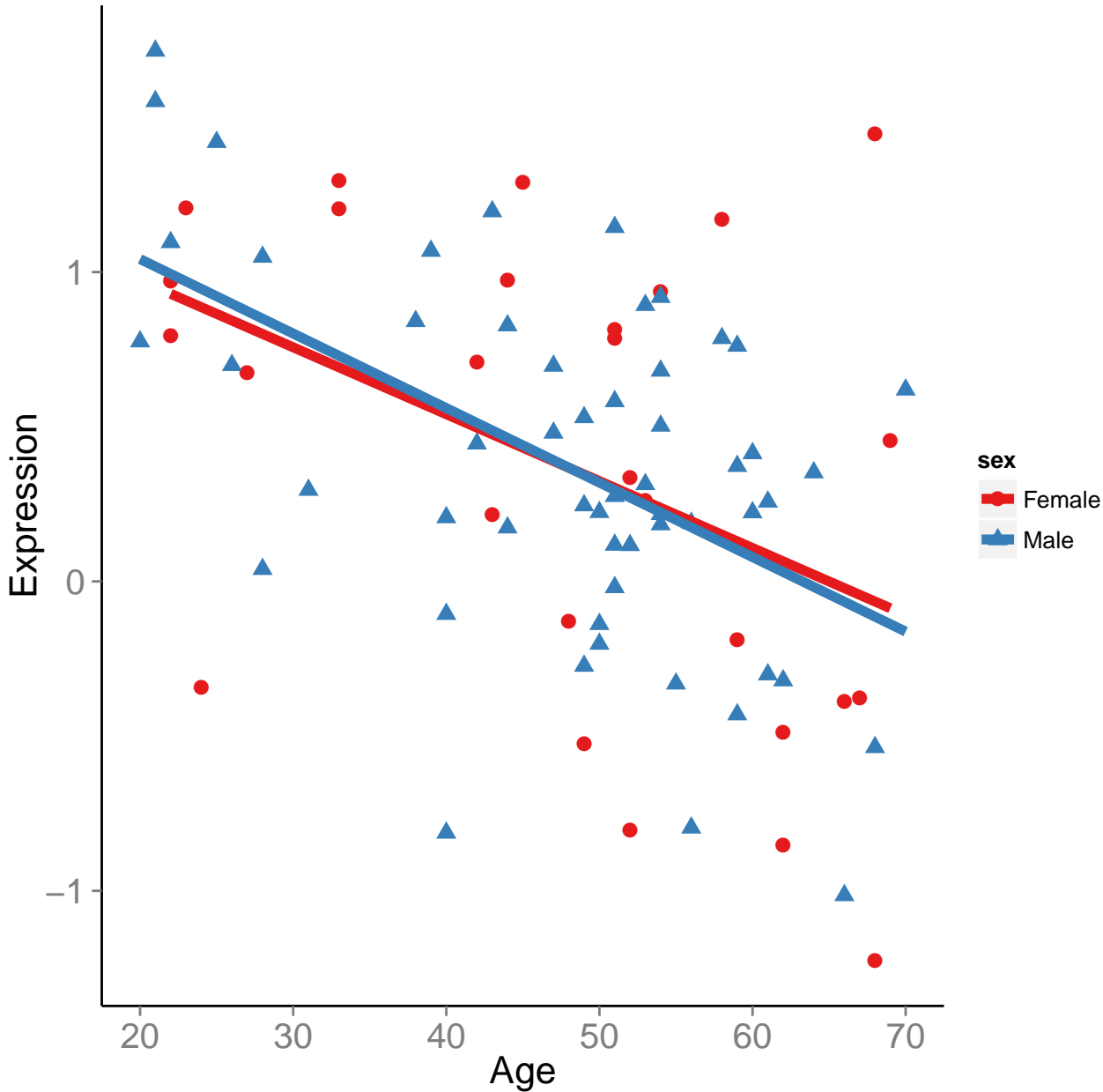
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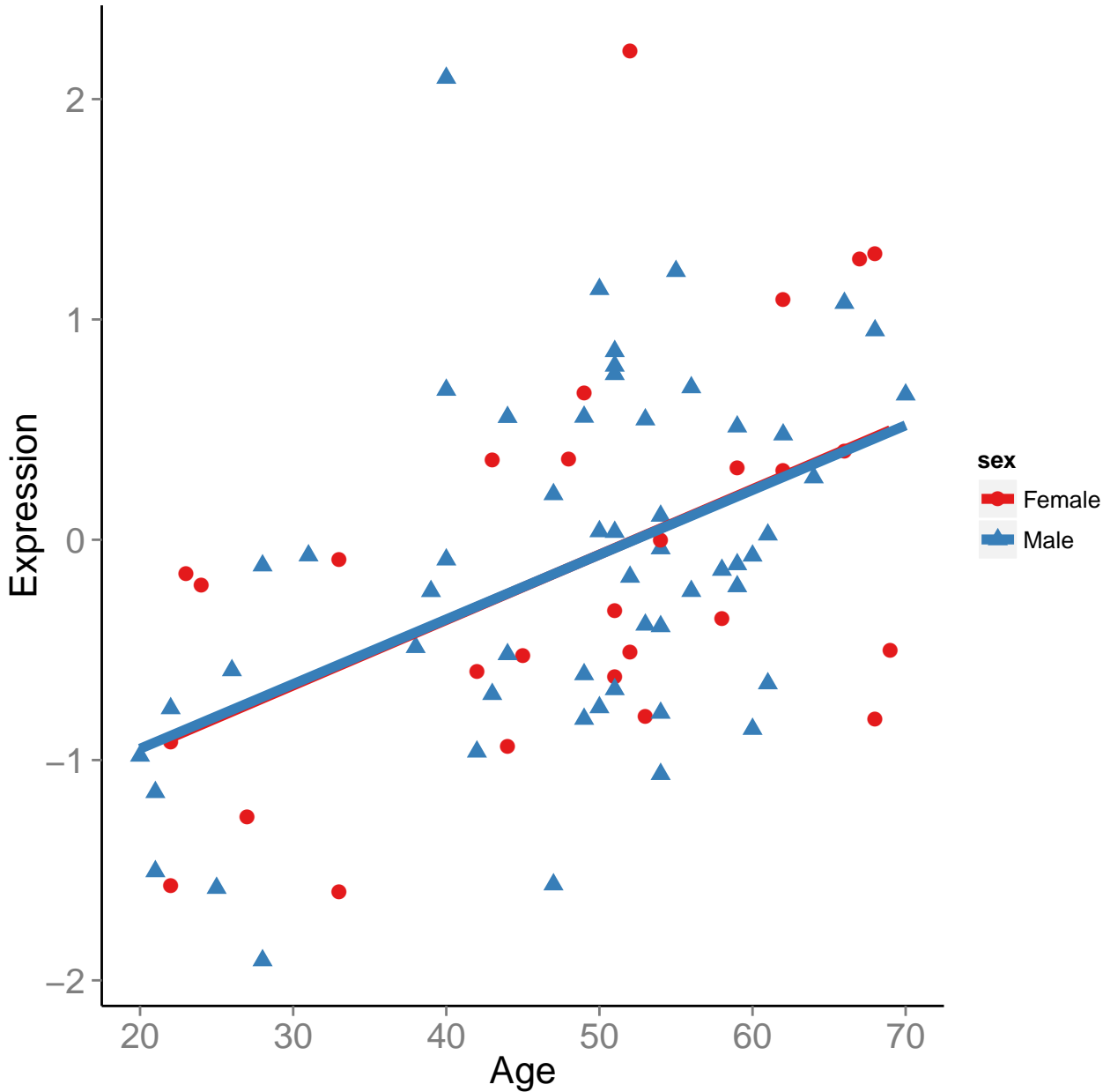
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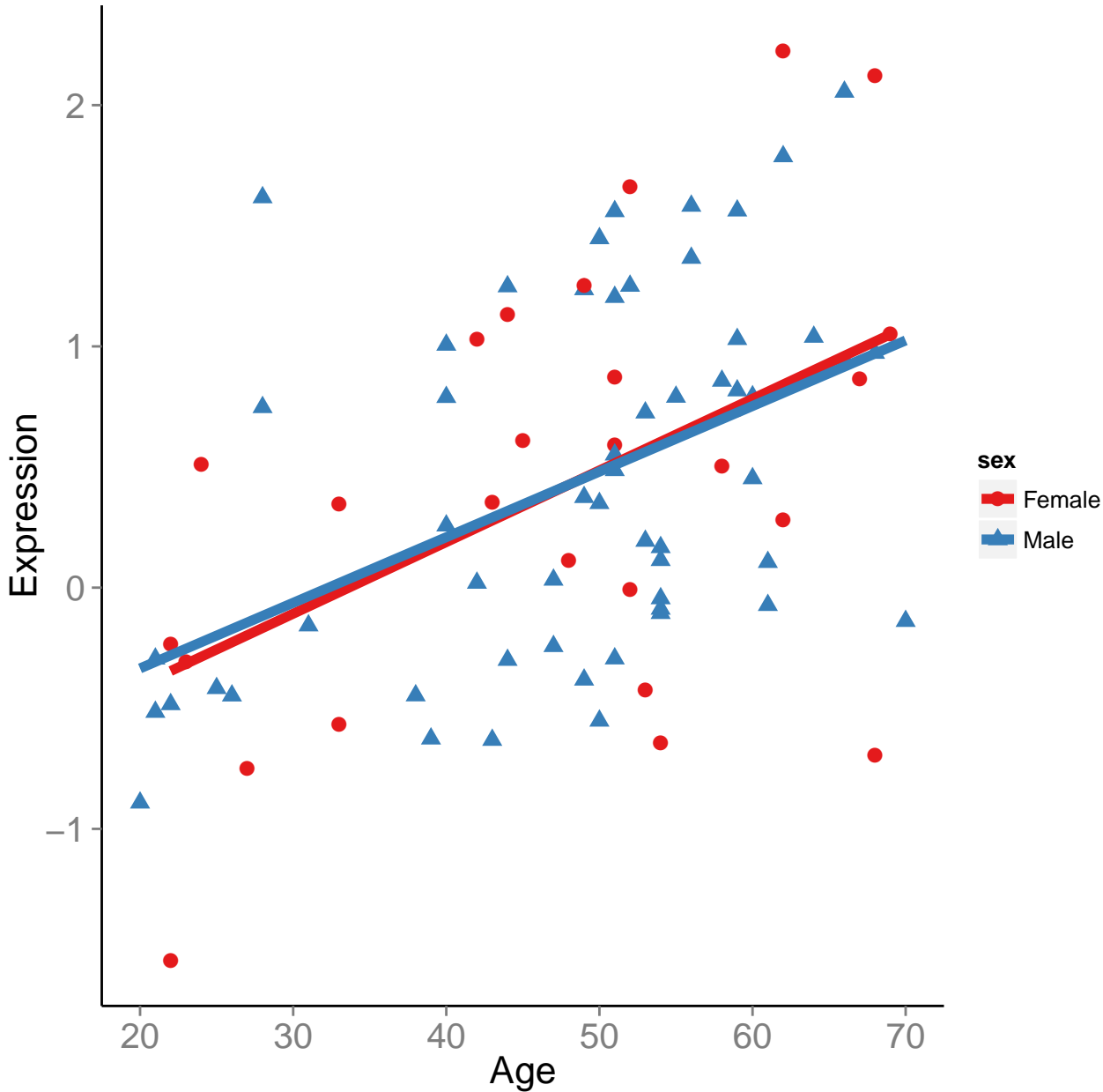
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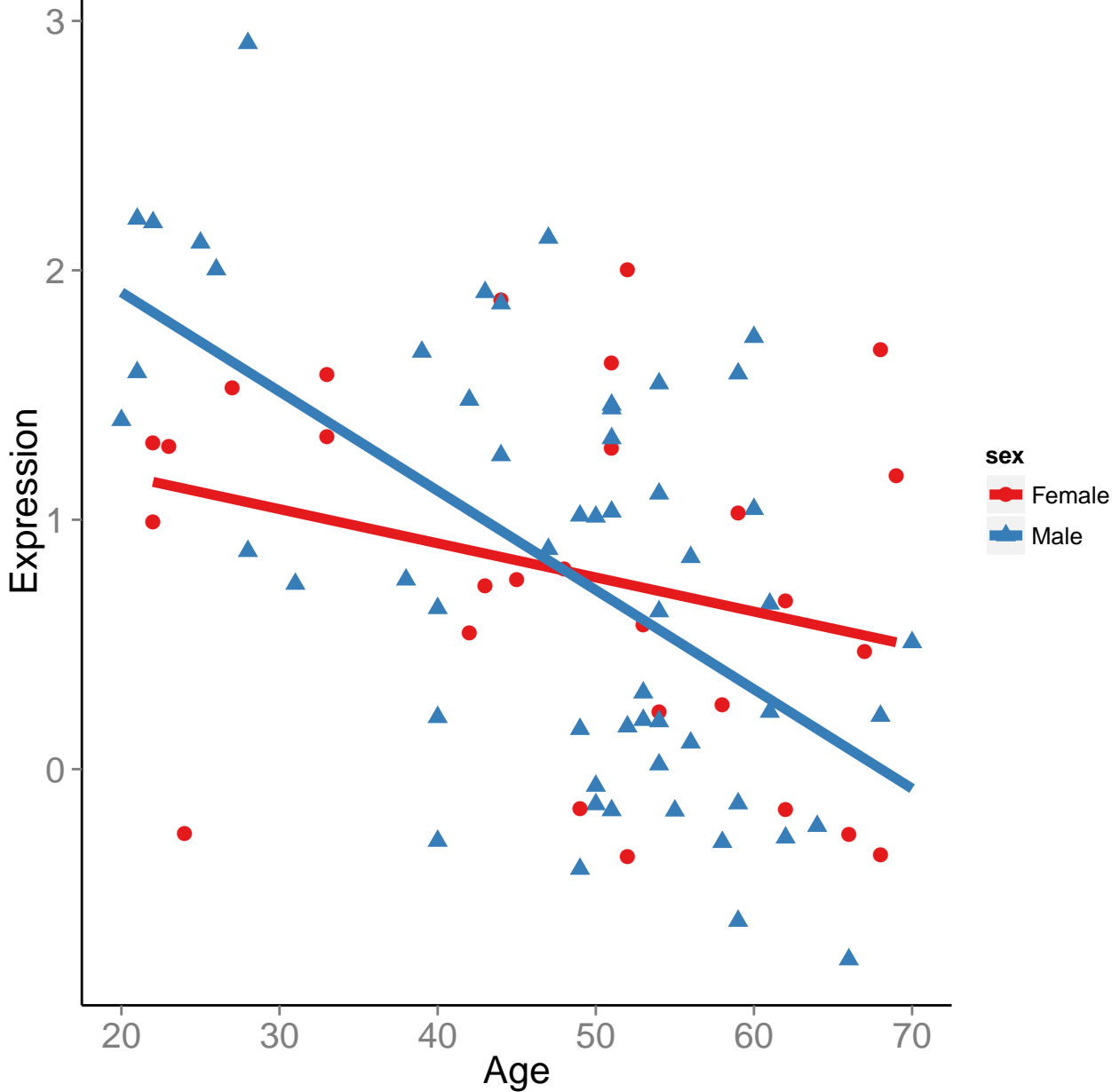
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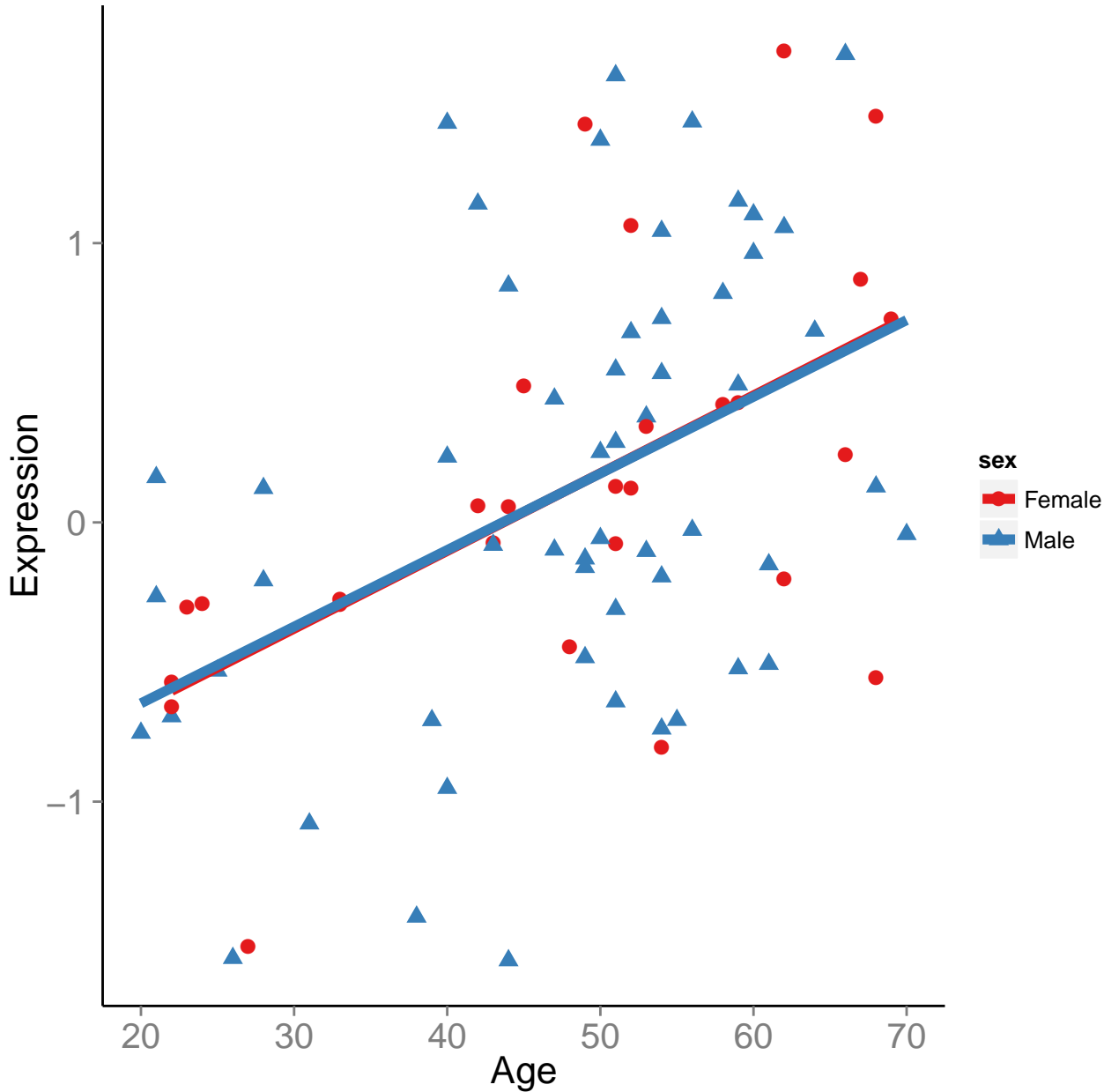
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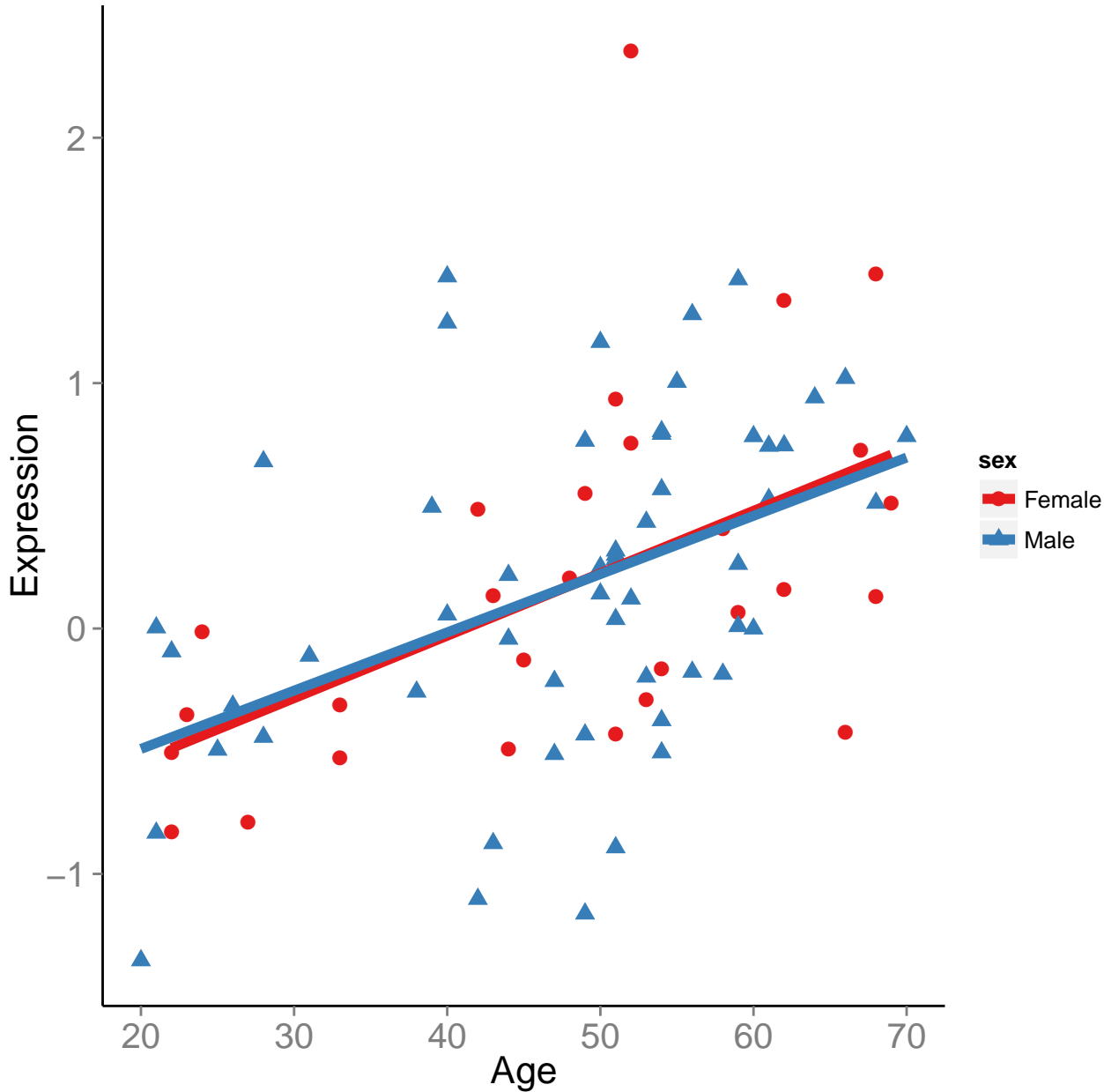
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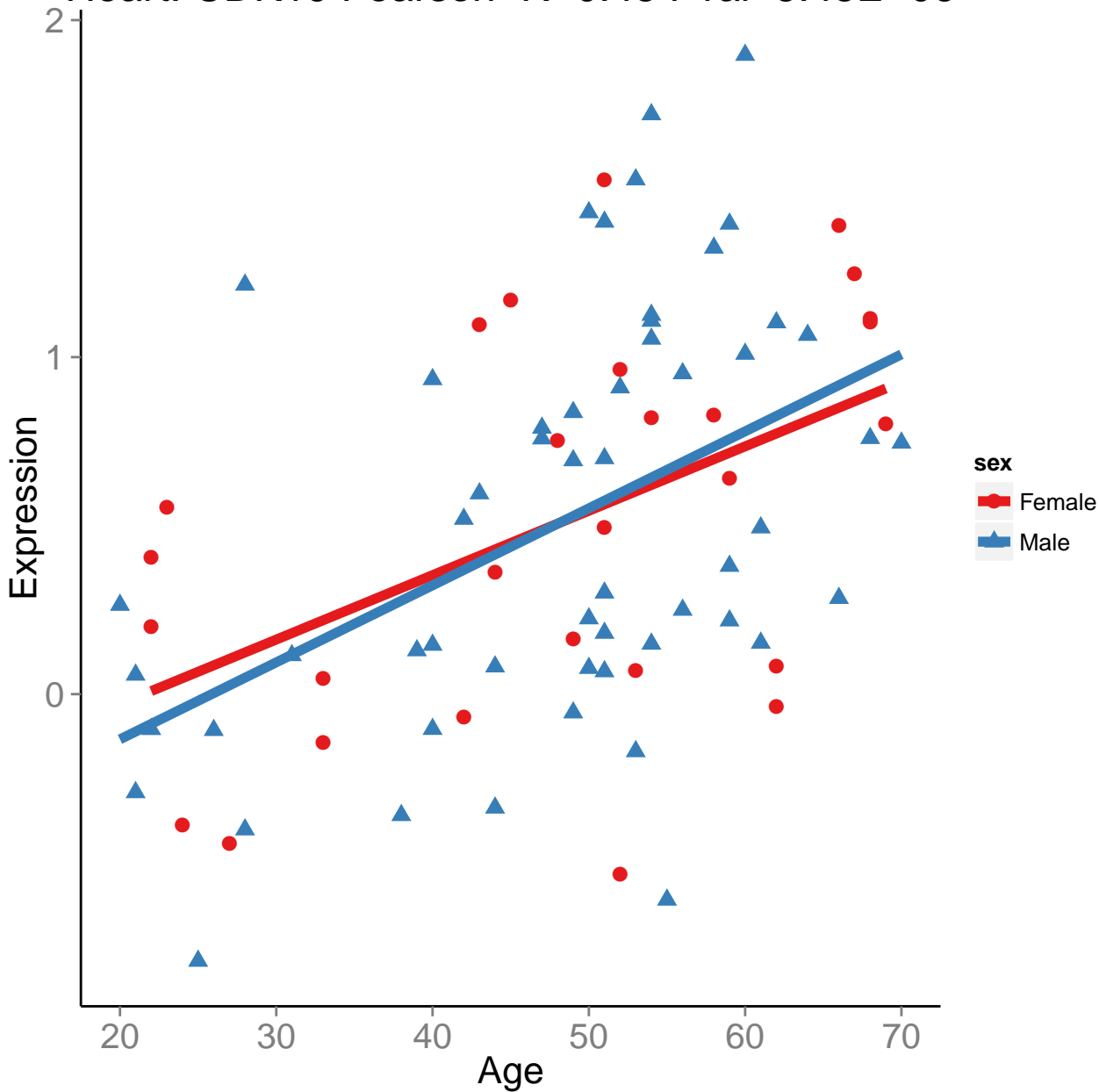
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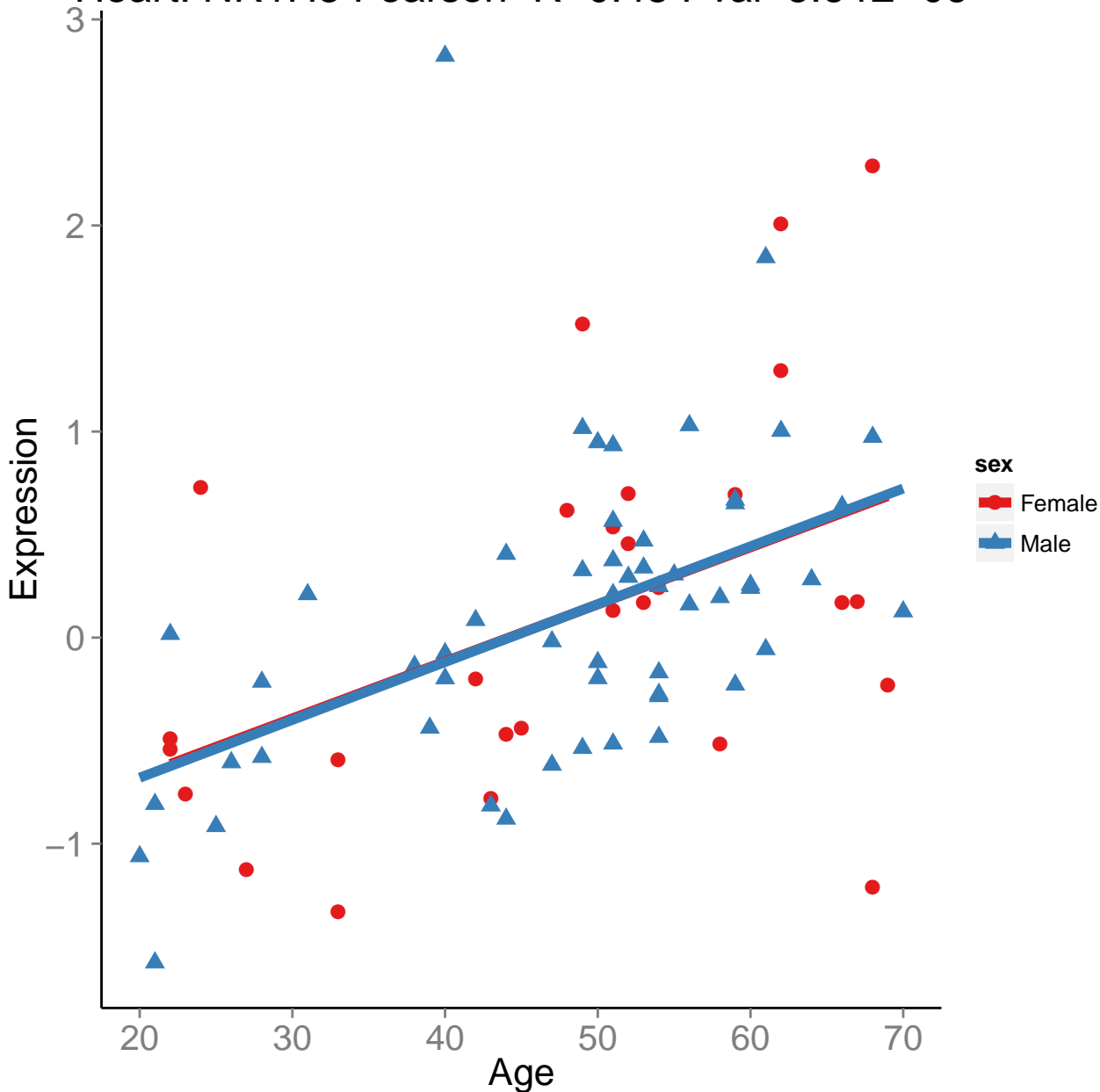
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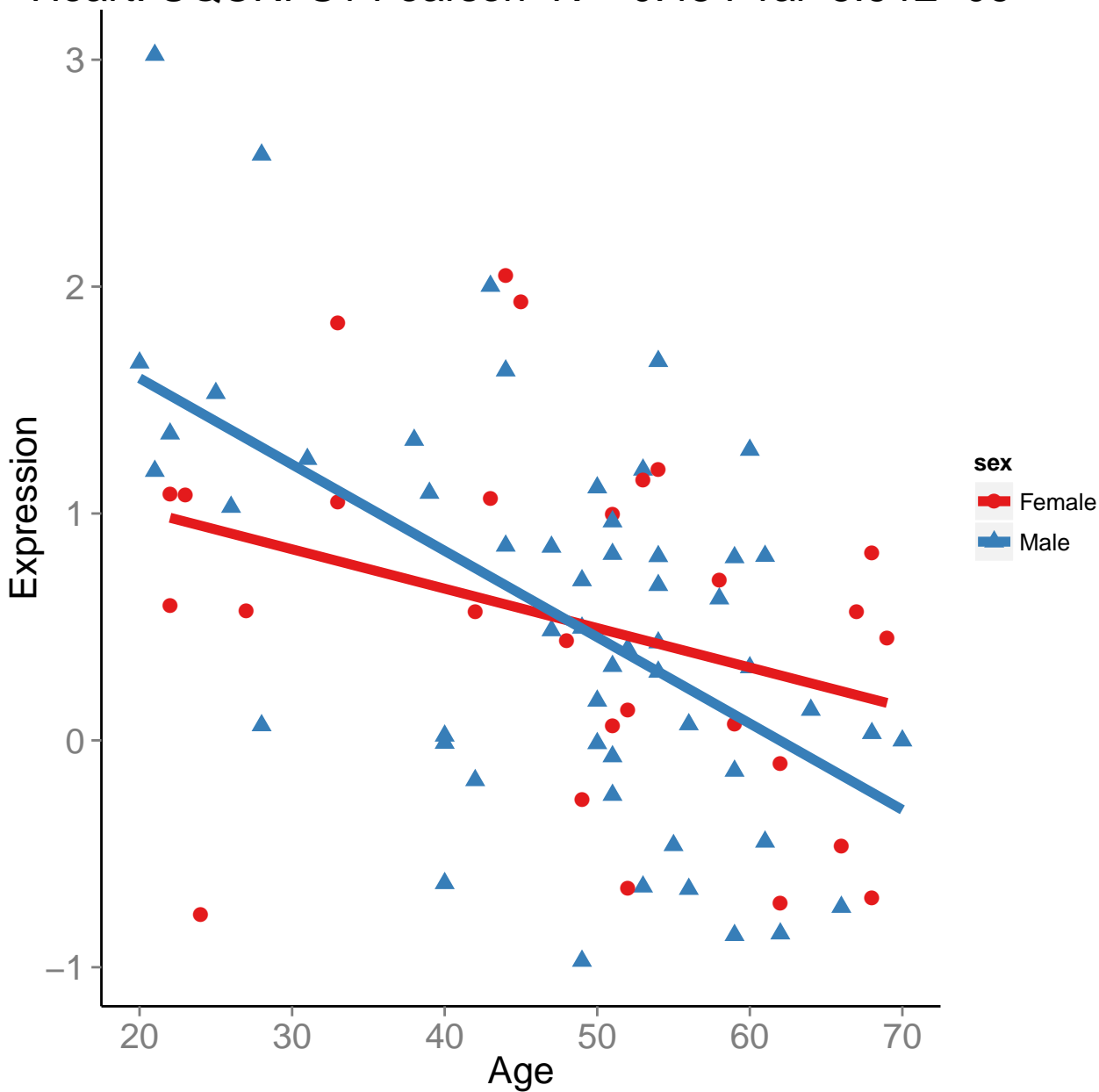
Heart: CDK19 Pearson-R=0.48 Pval=5.43E-06



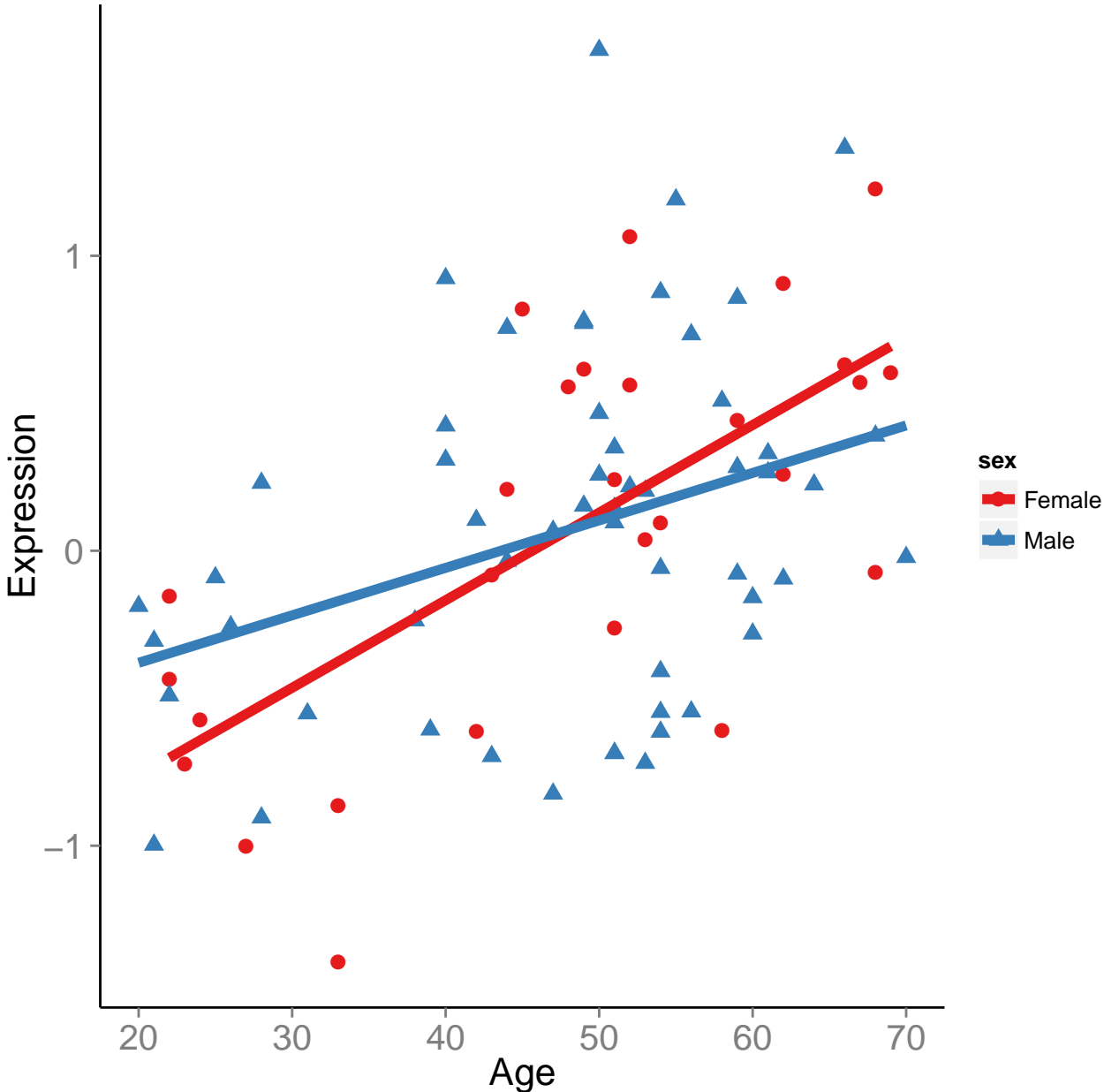
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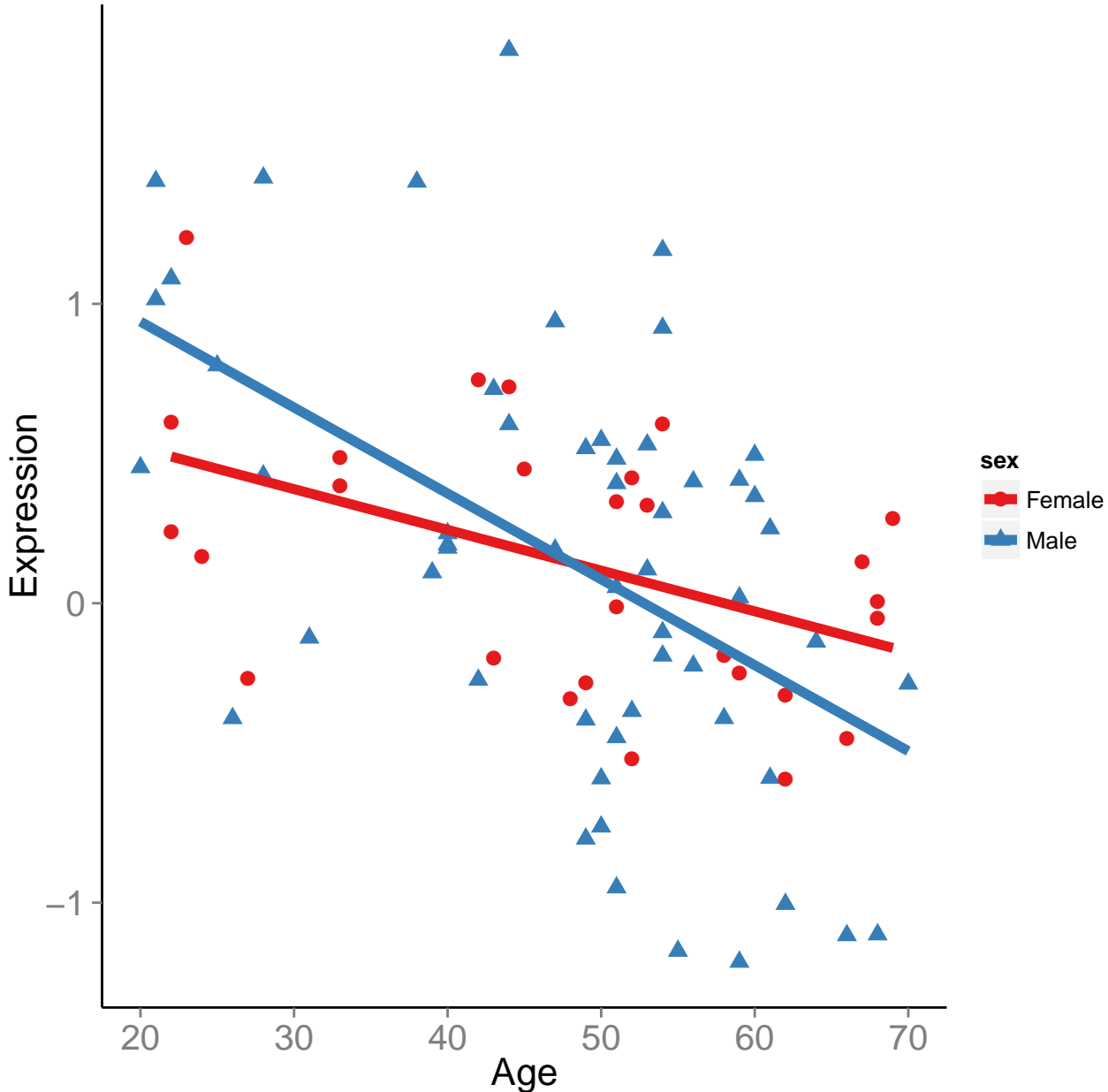
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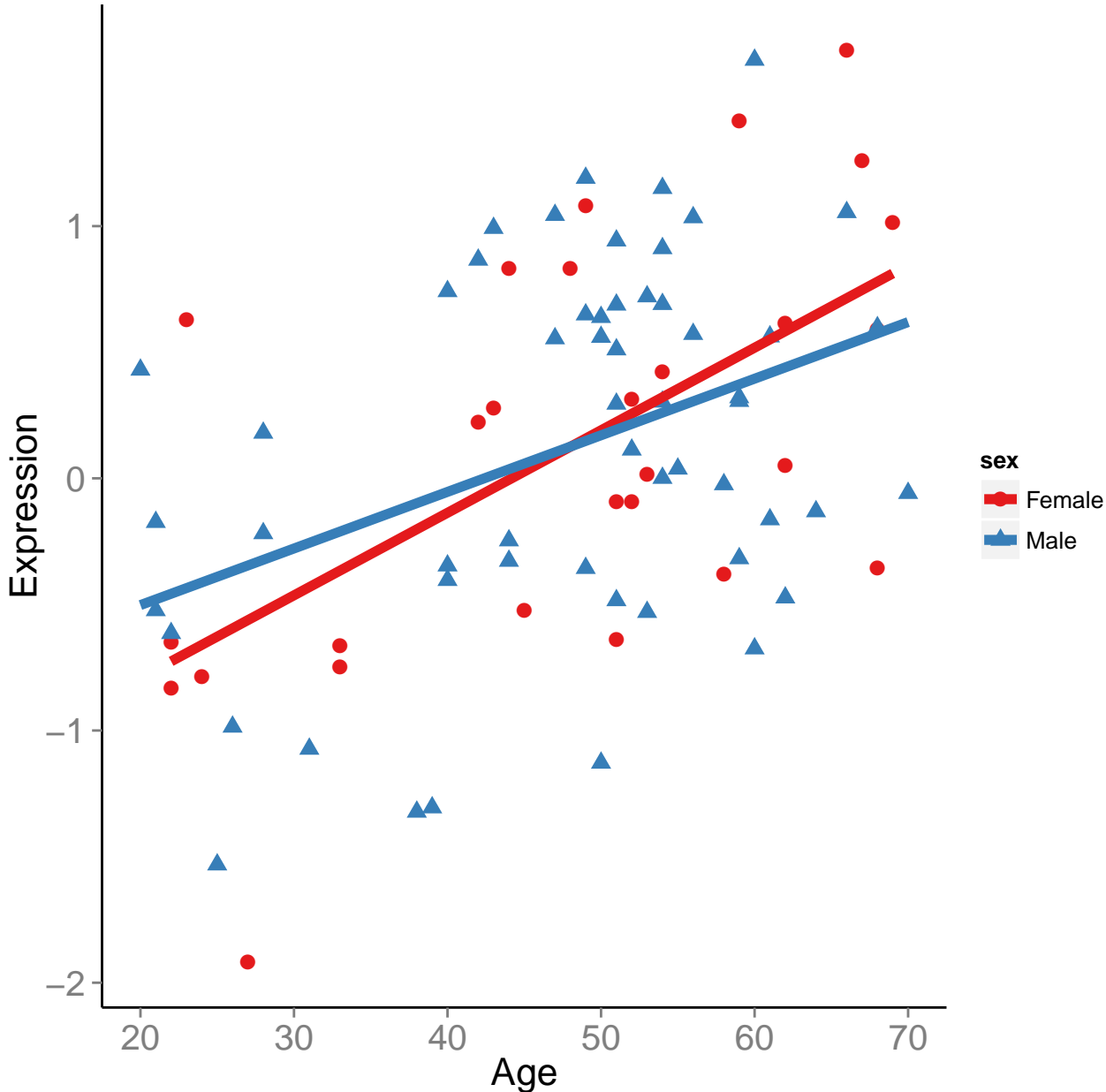
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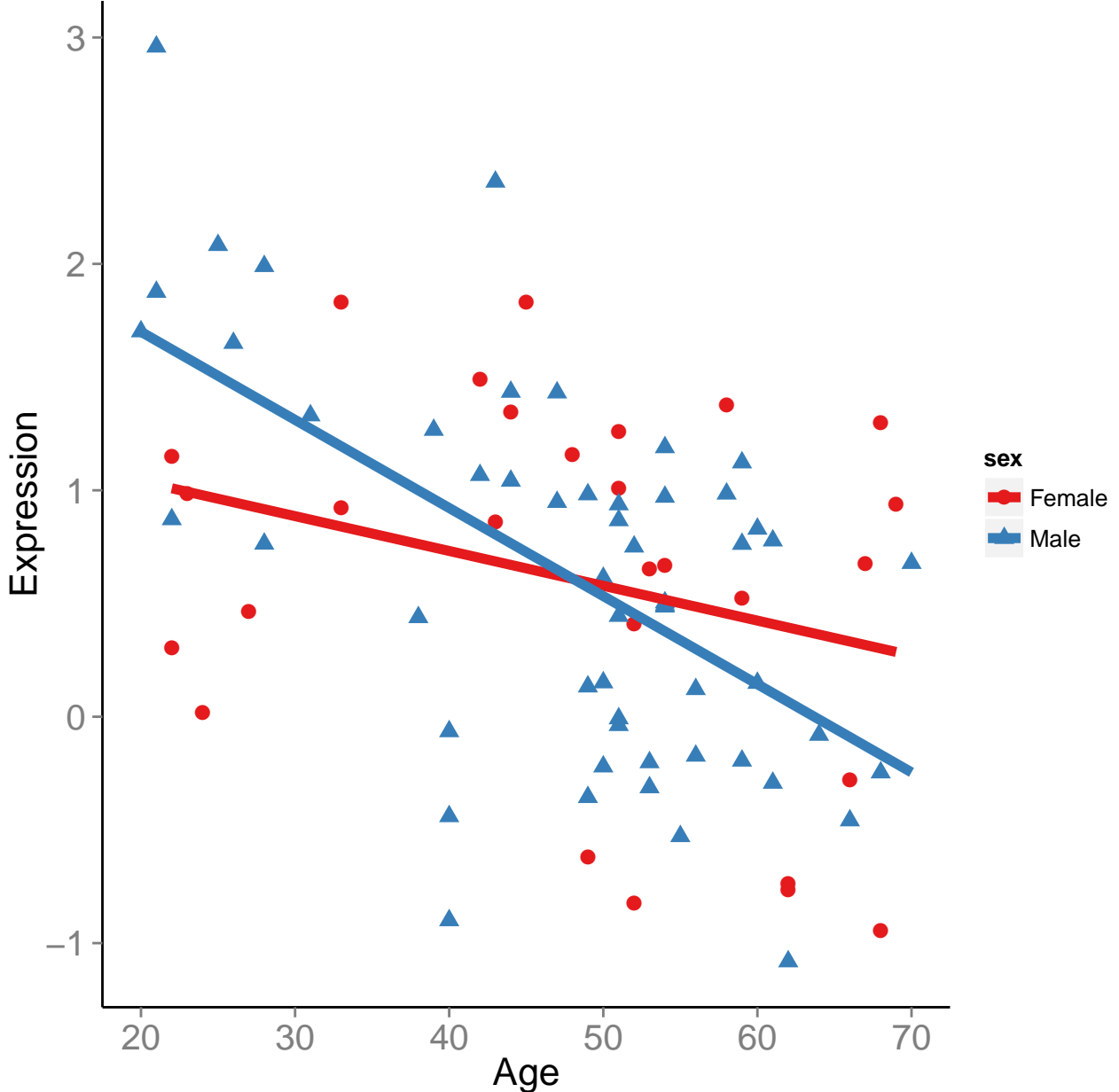
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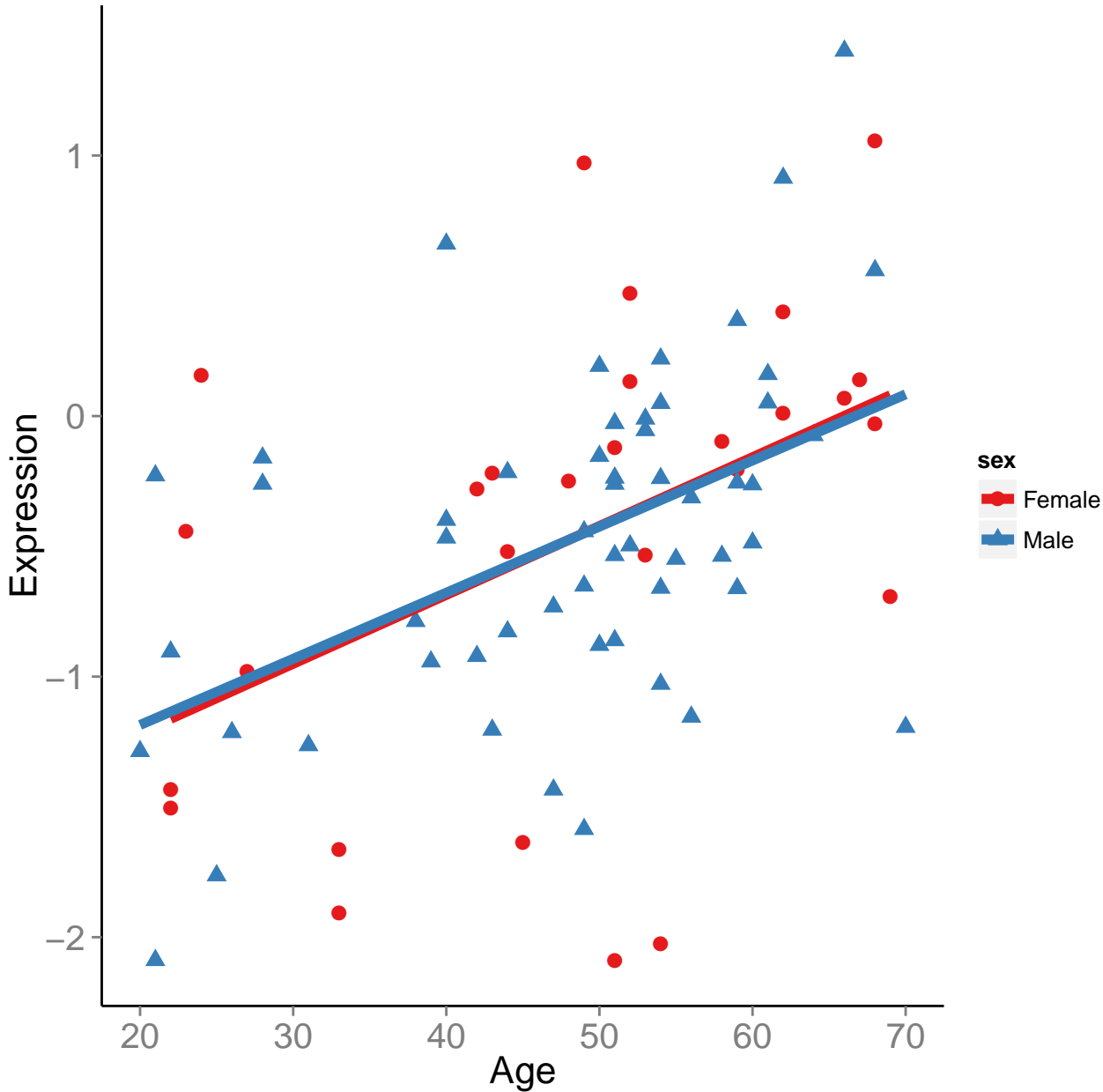
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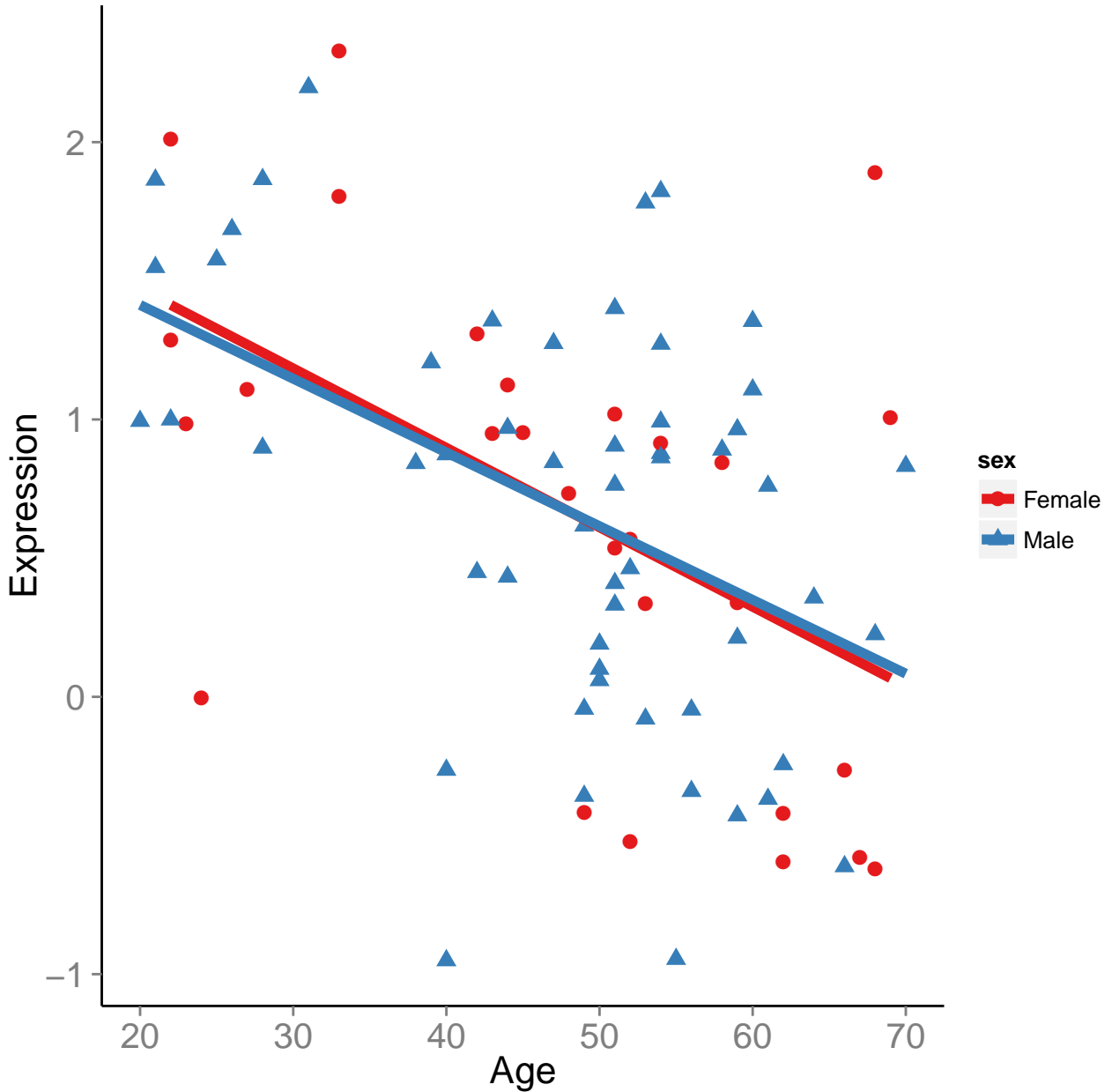
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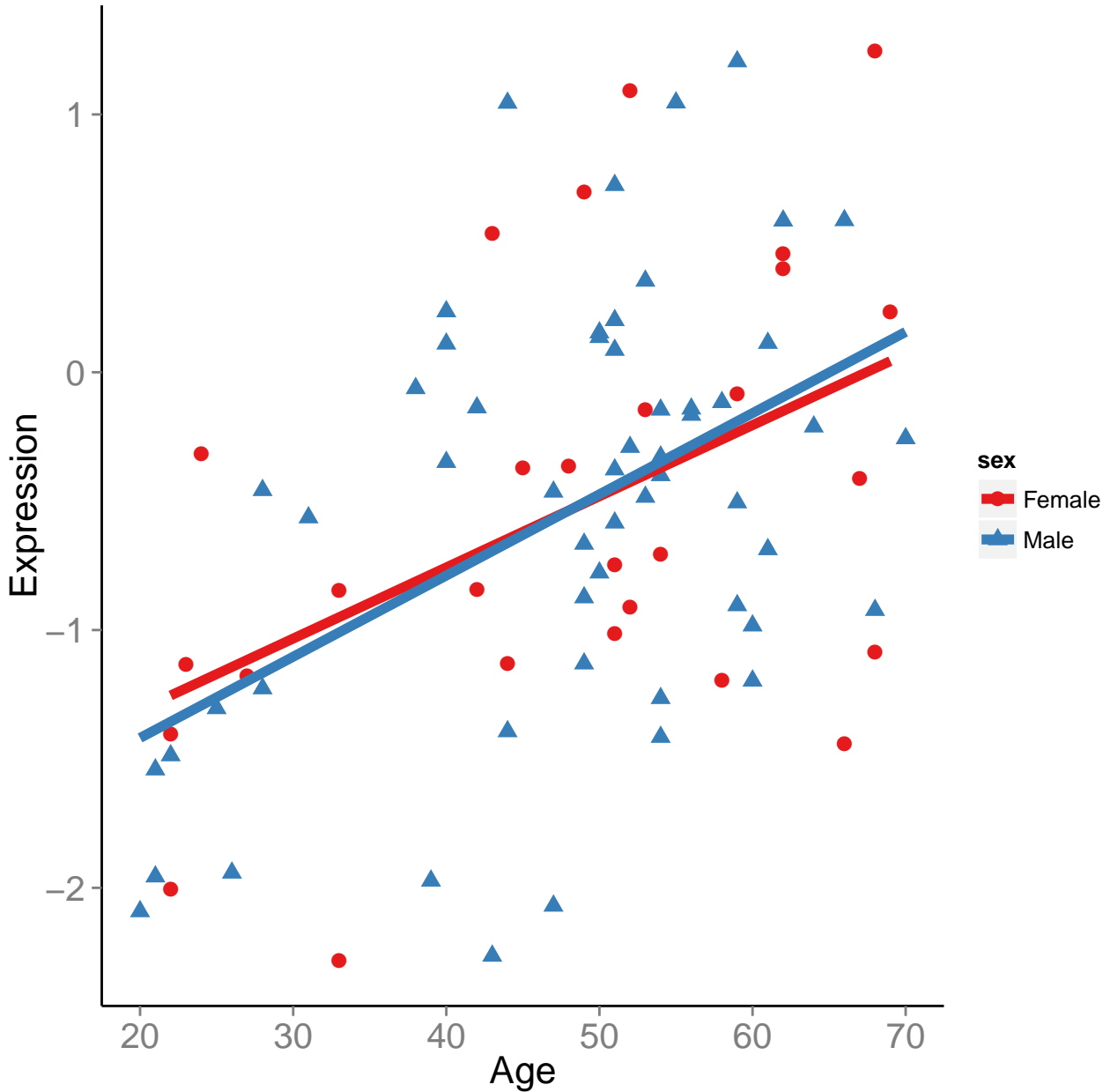
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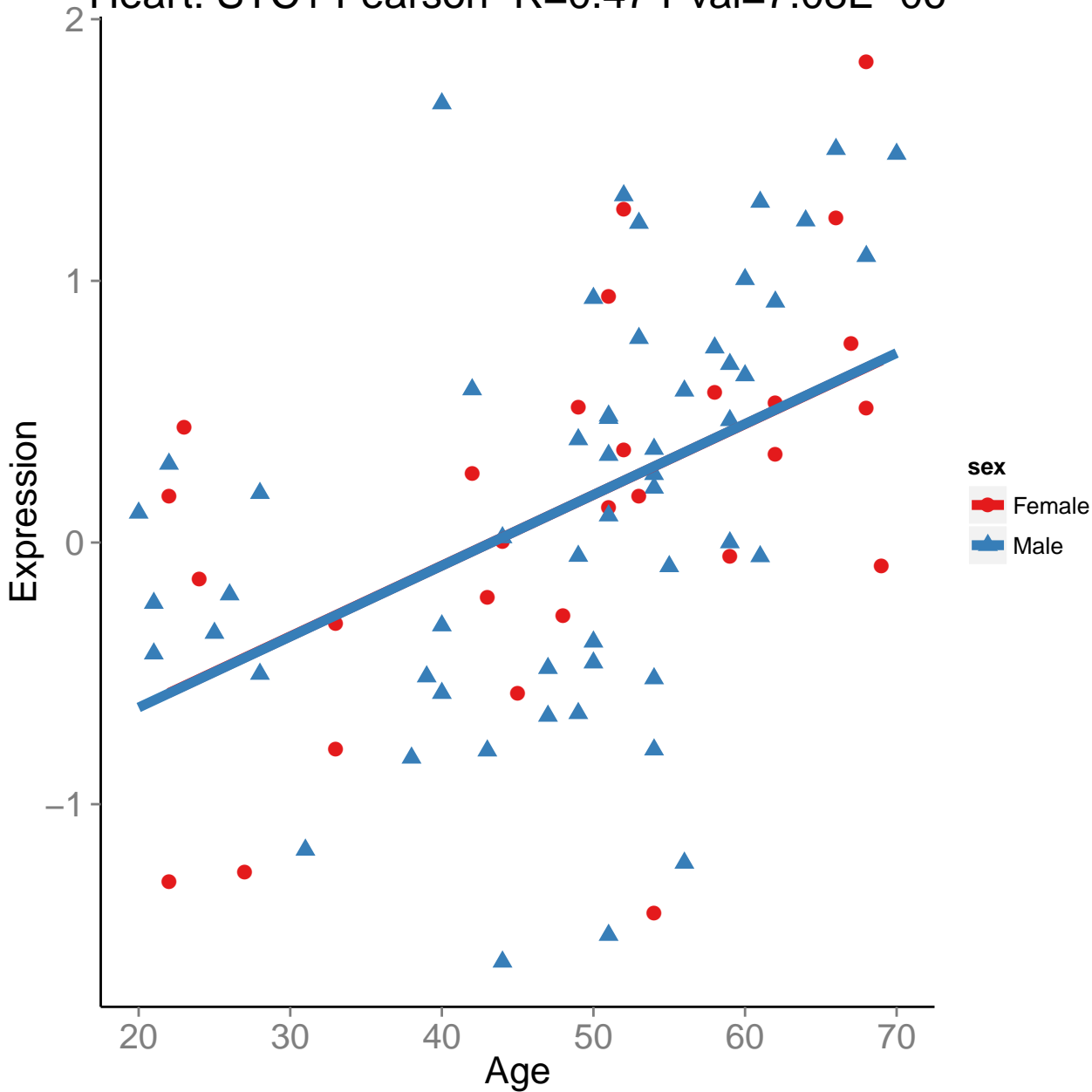
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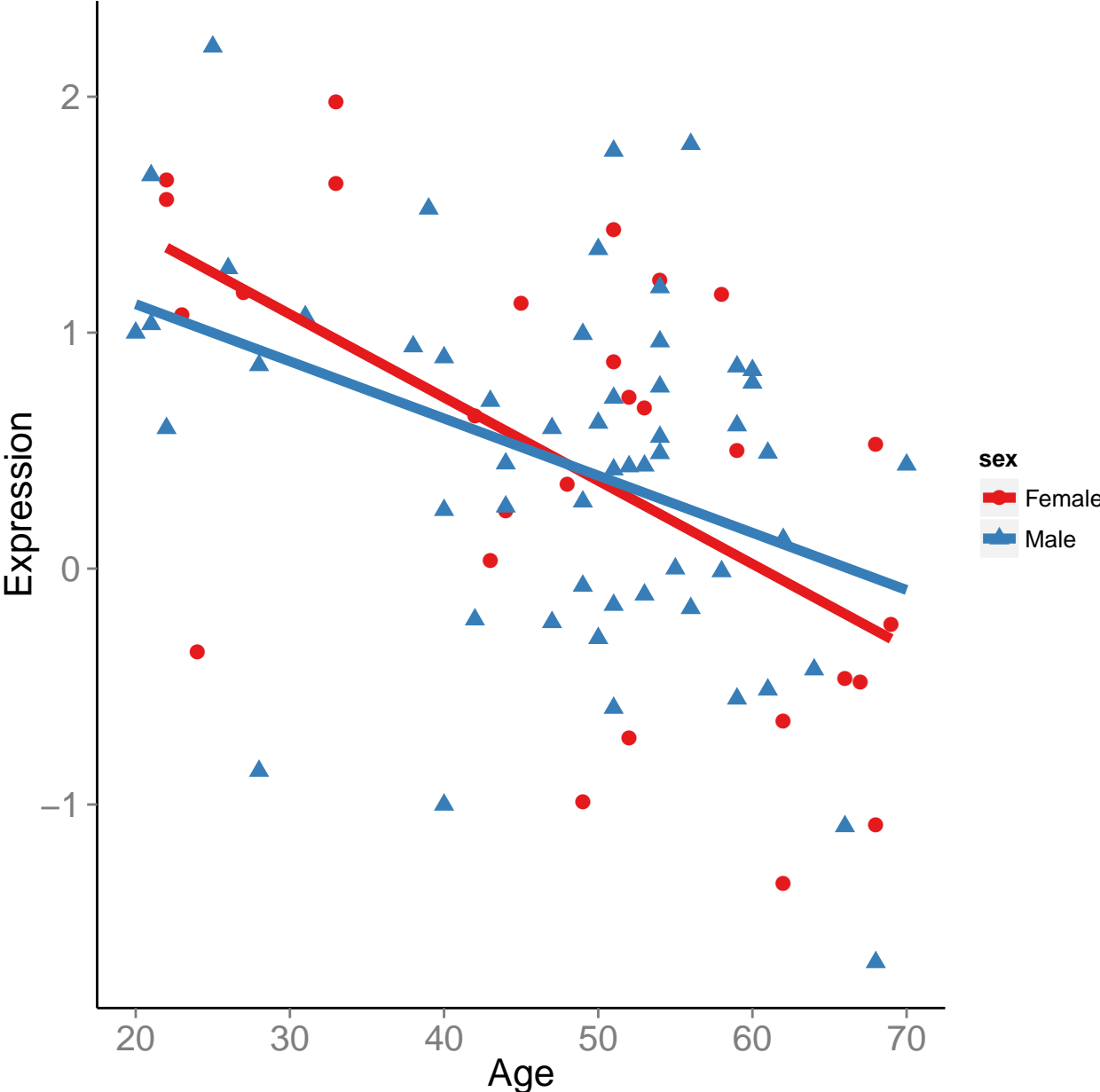
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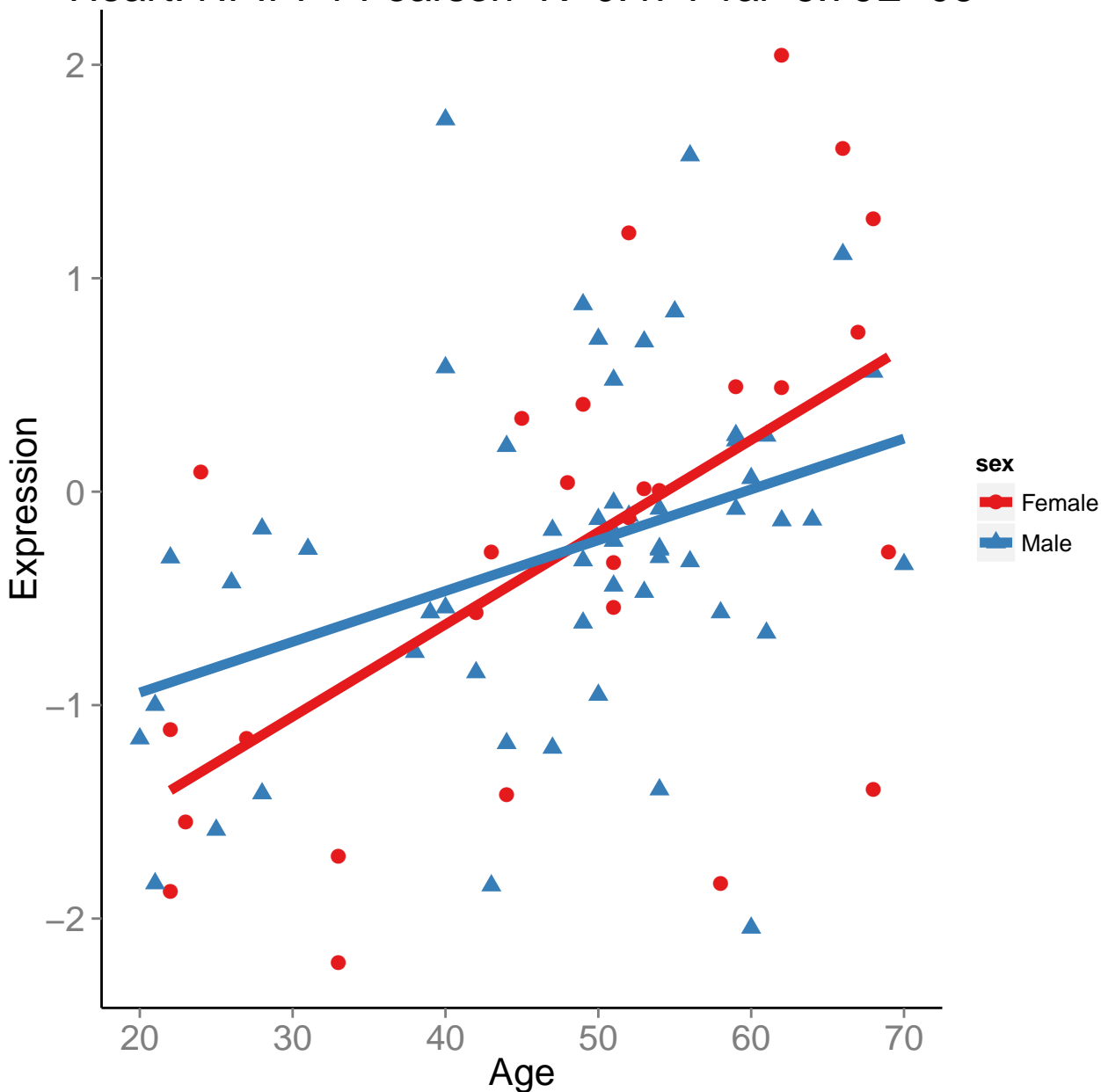
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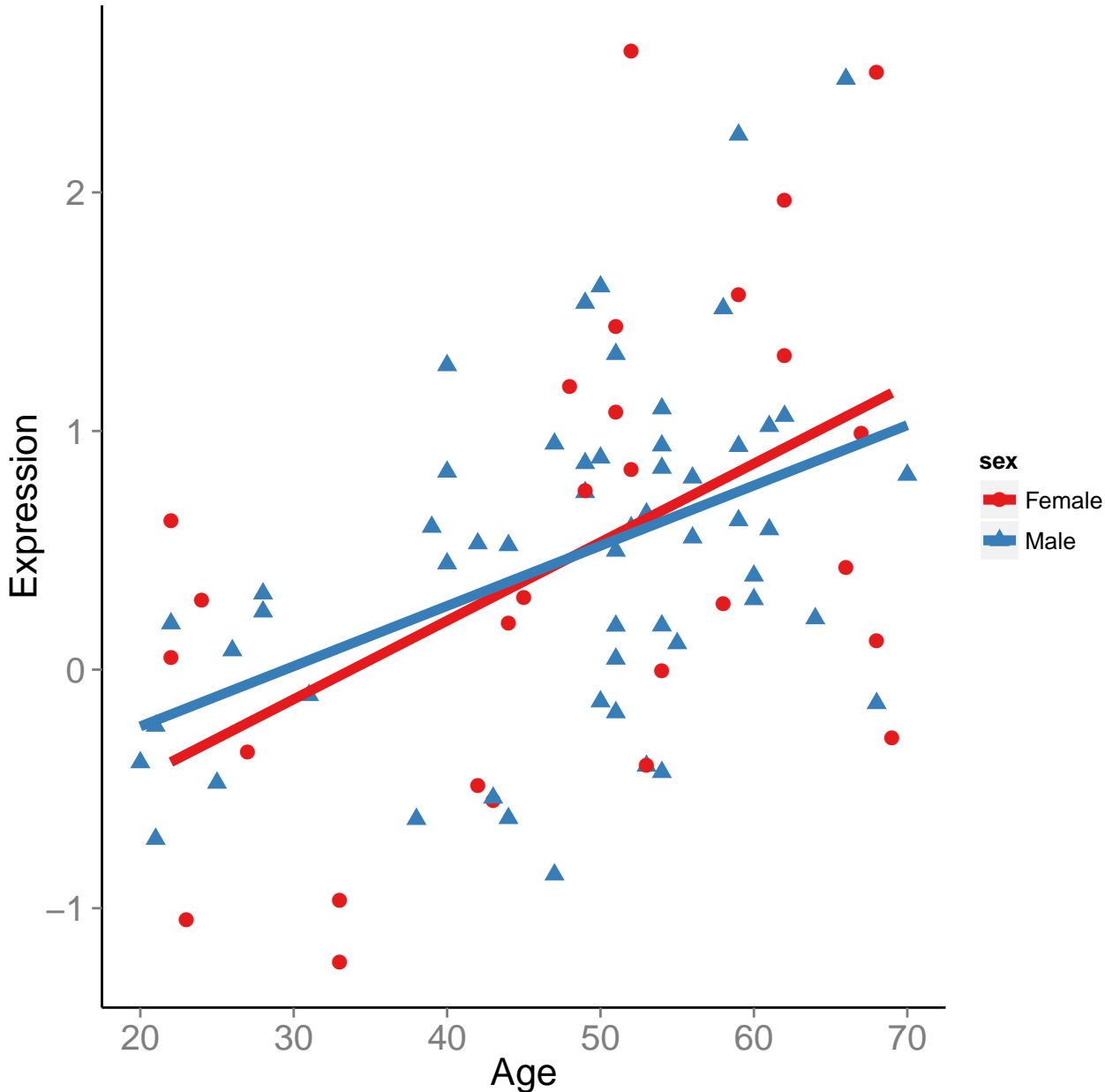
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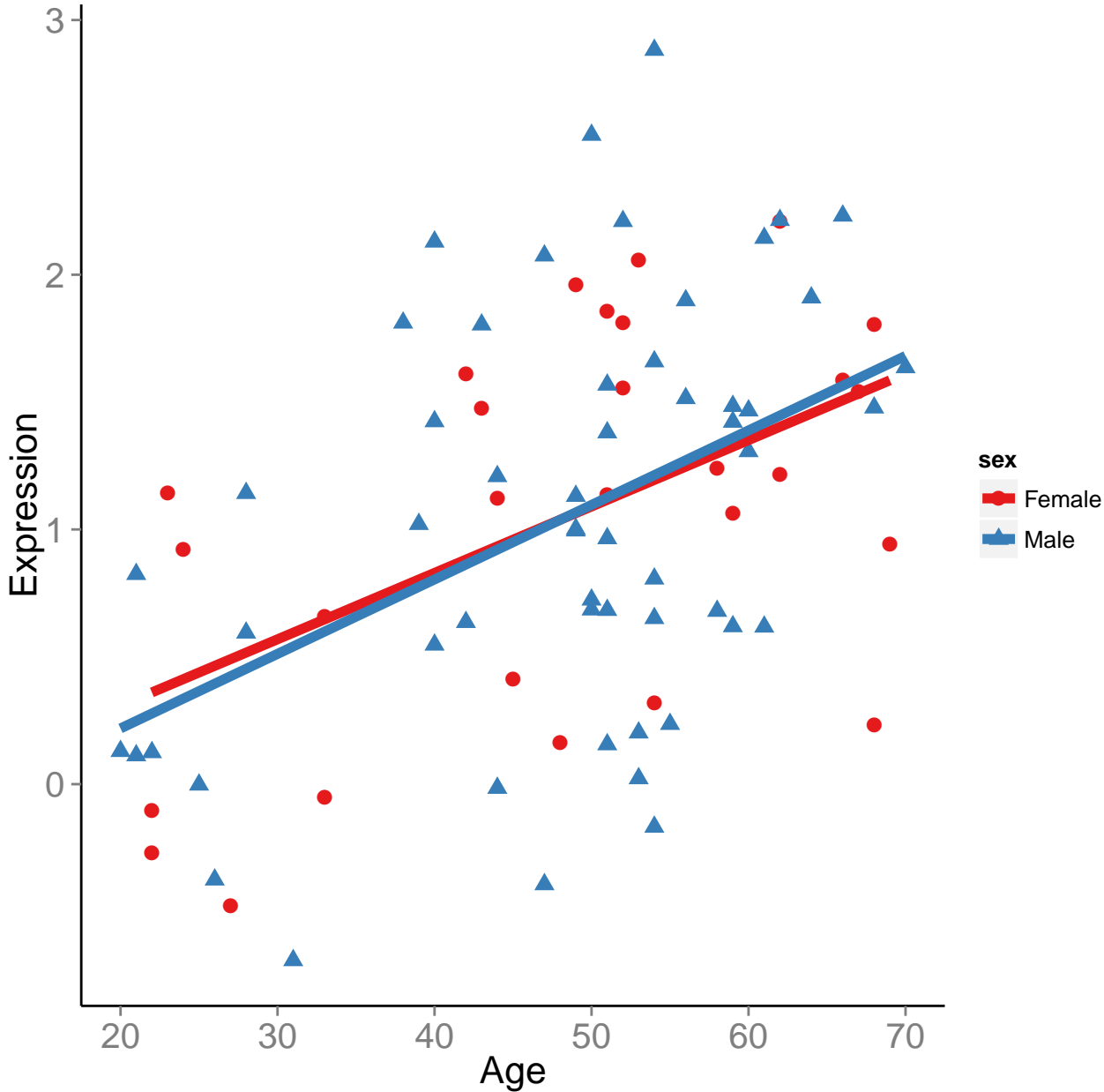
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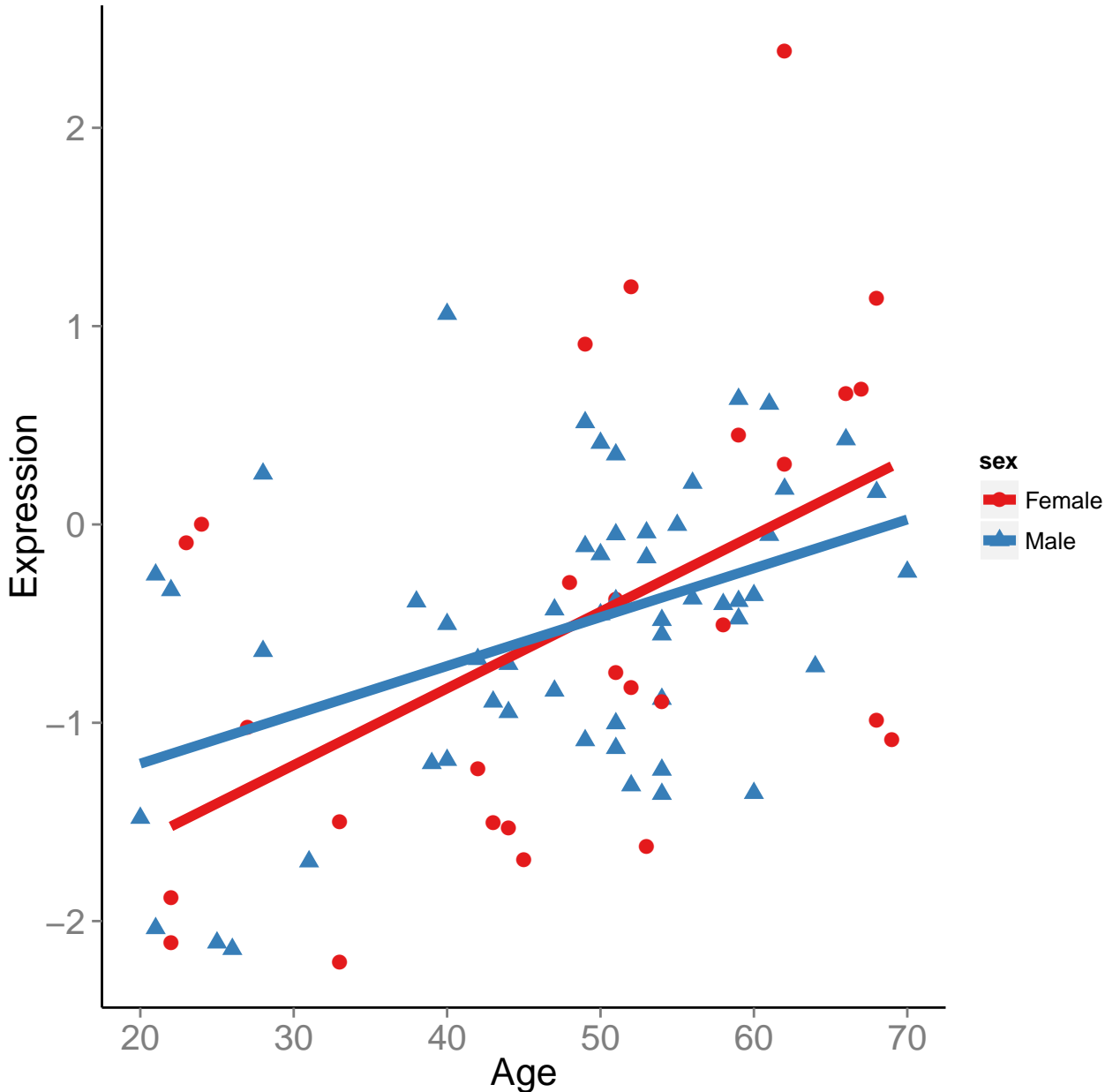
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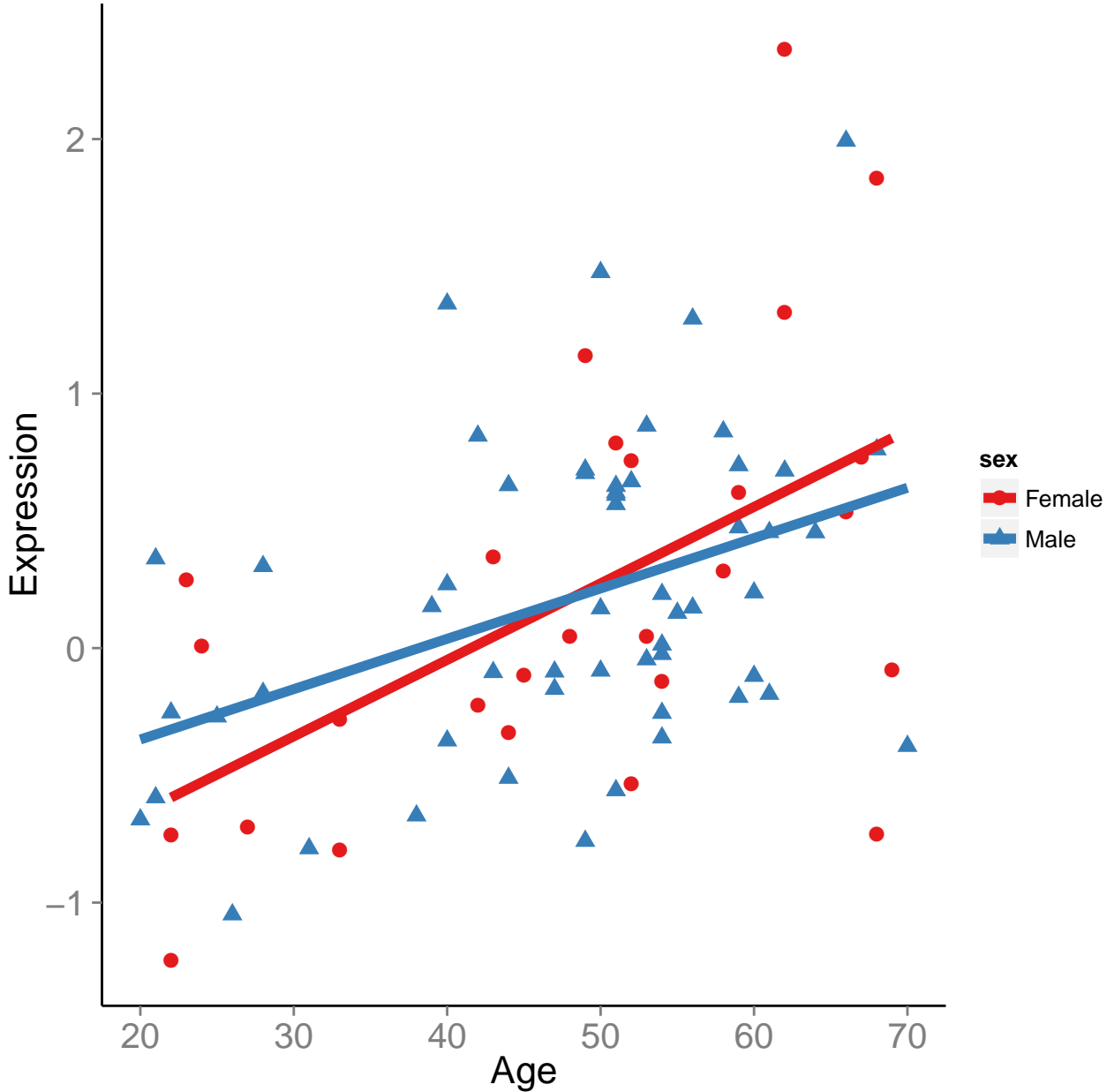
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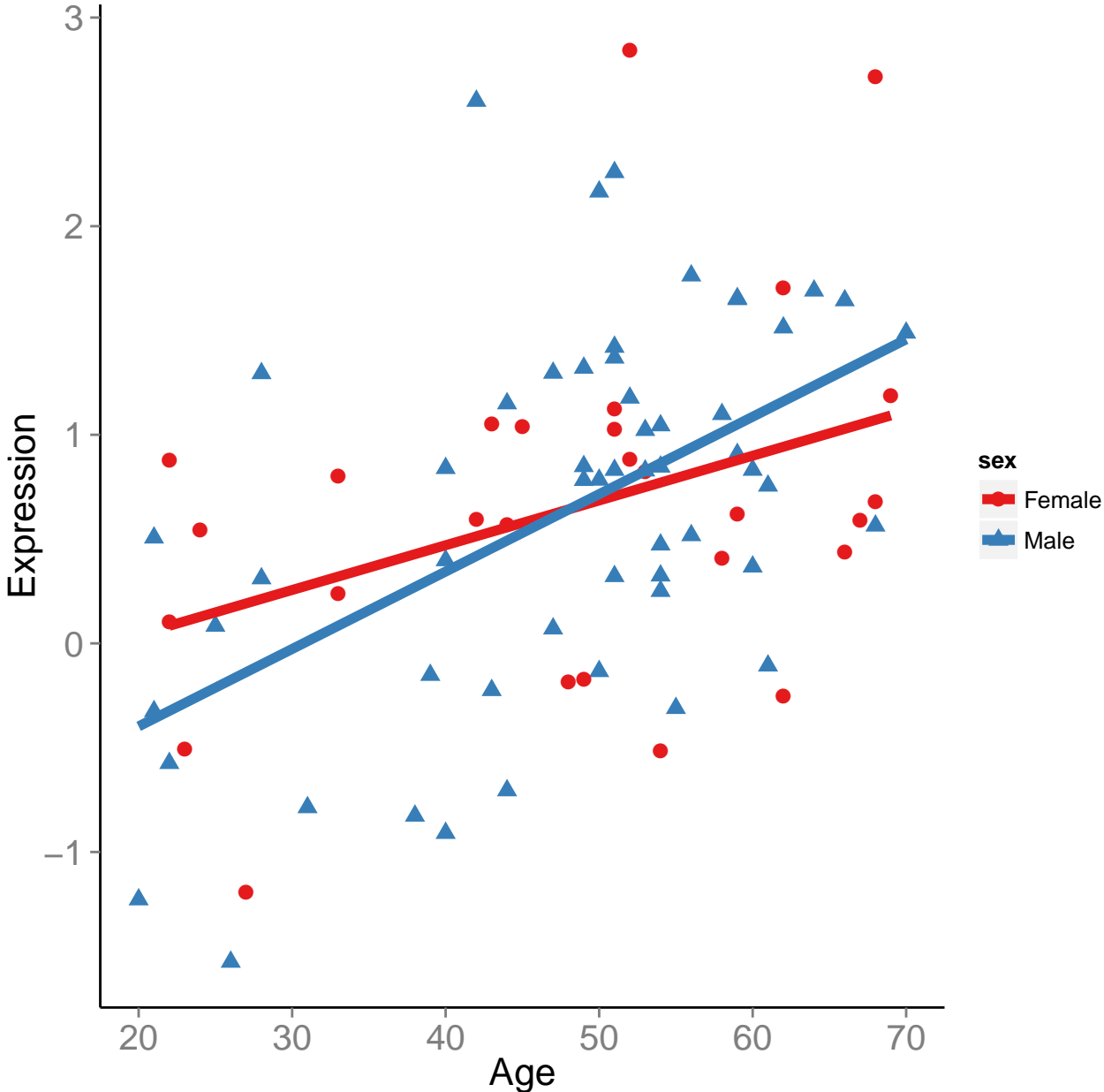
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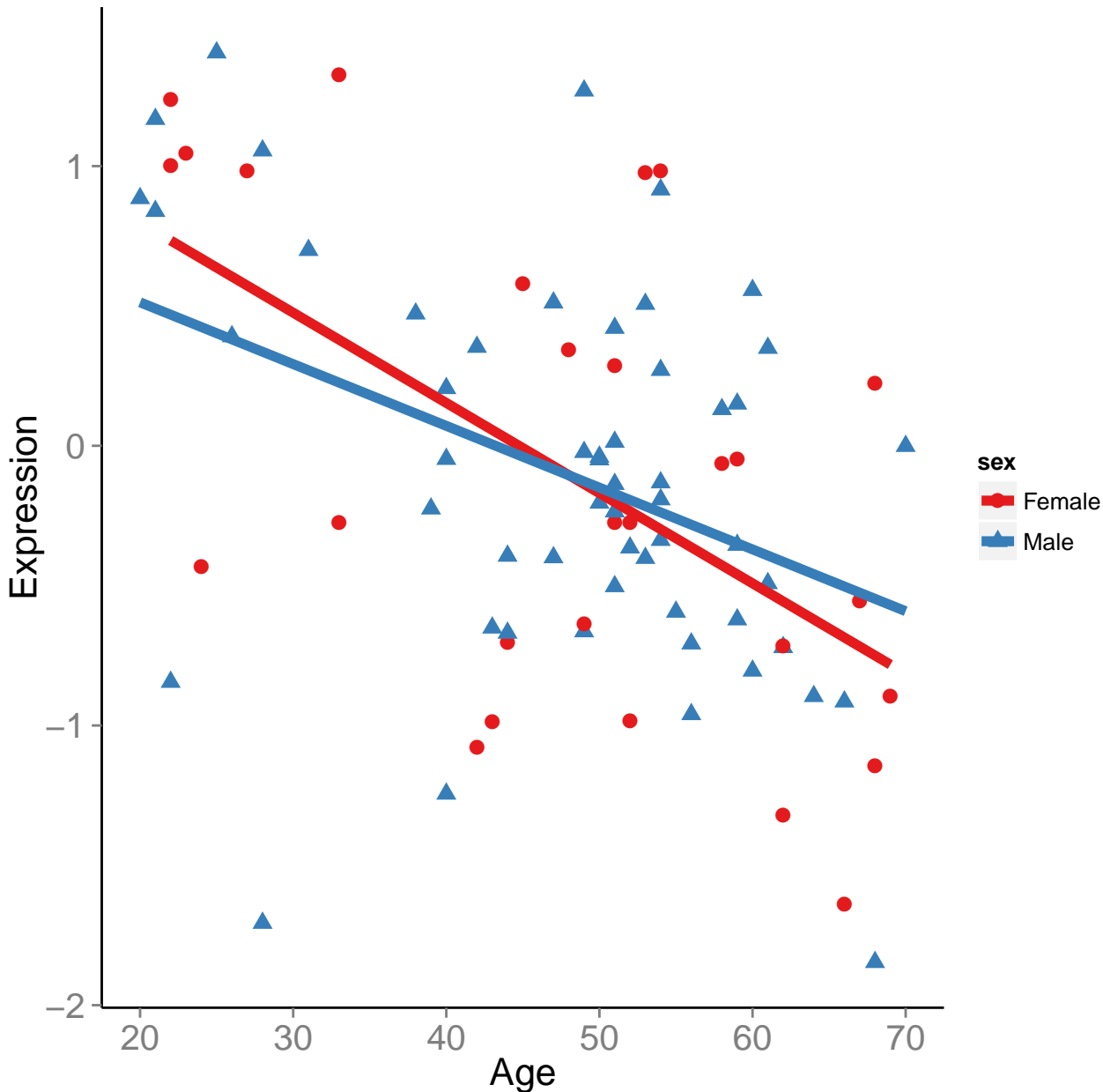
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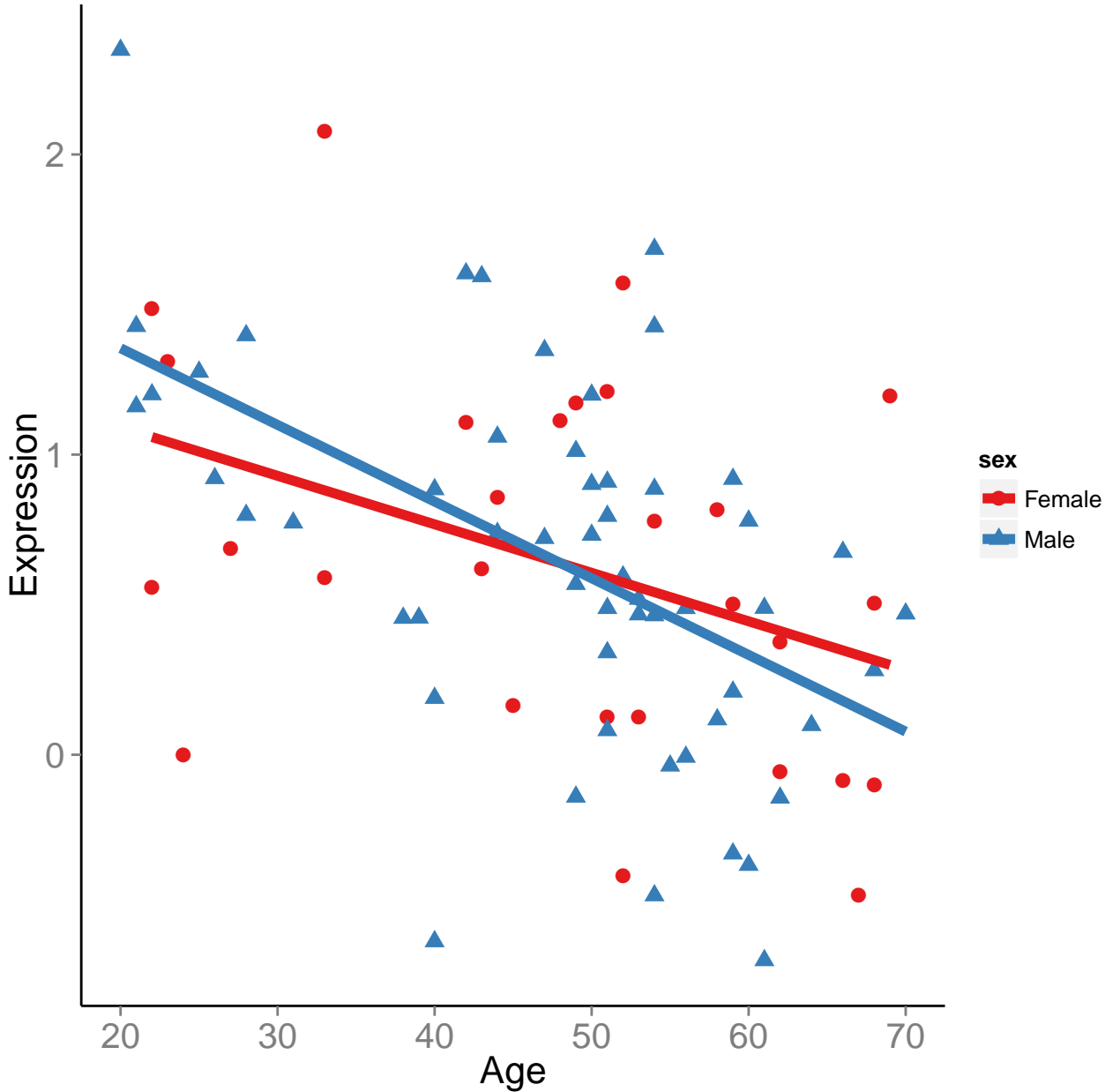
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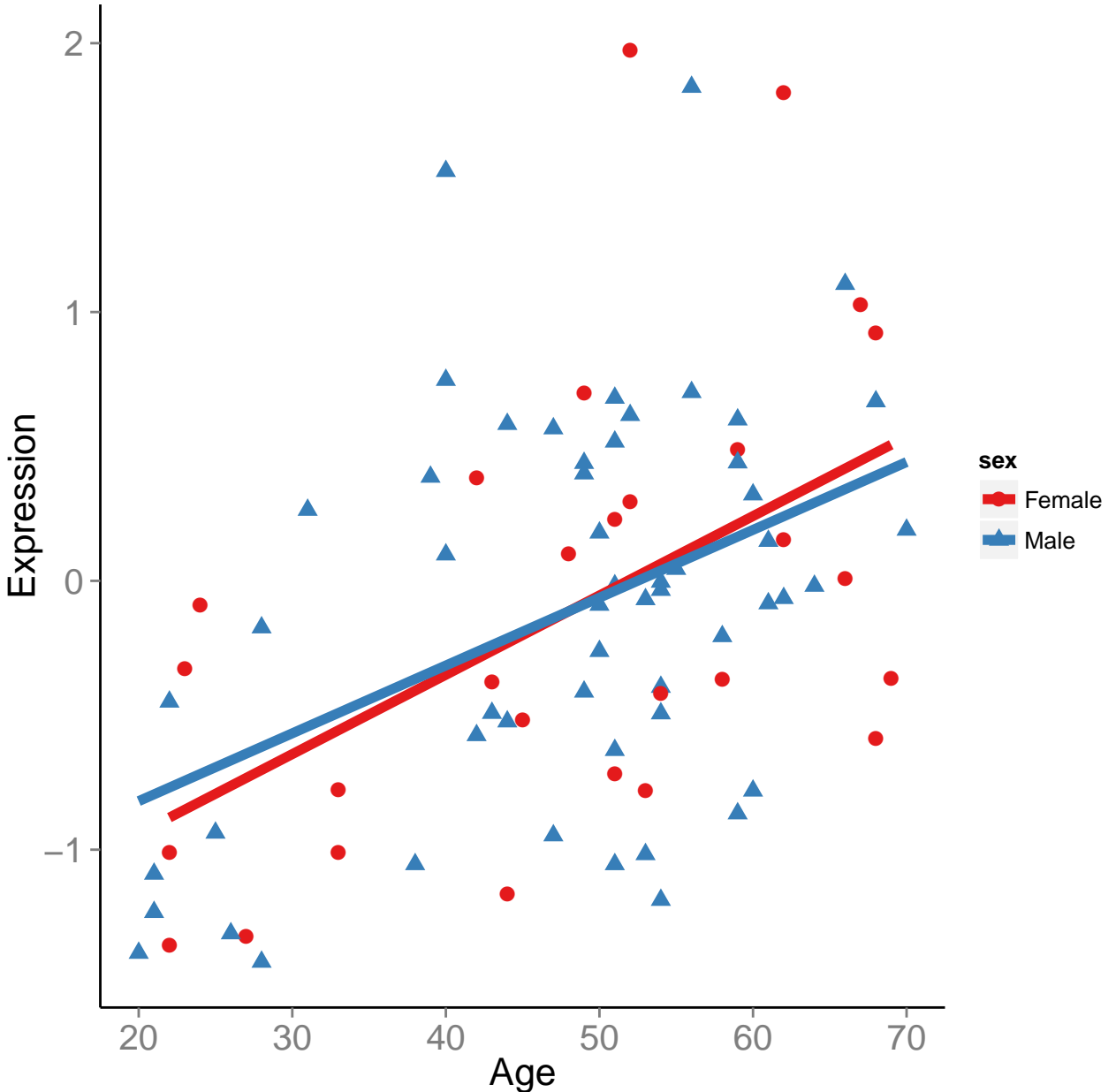
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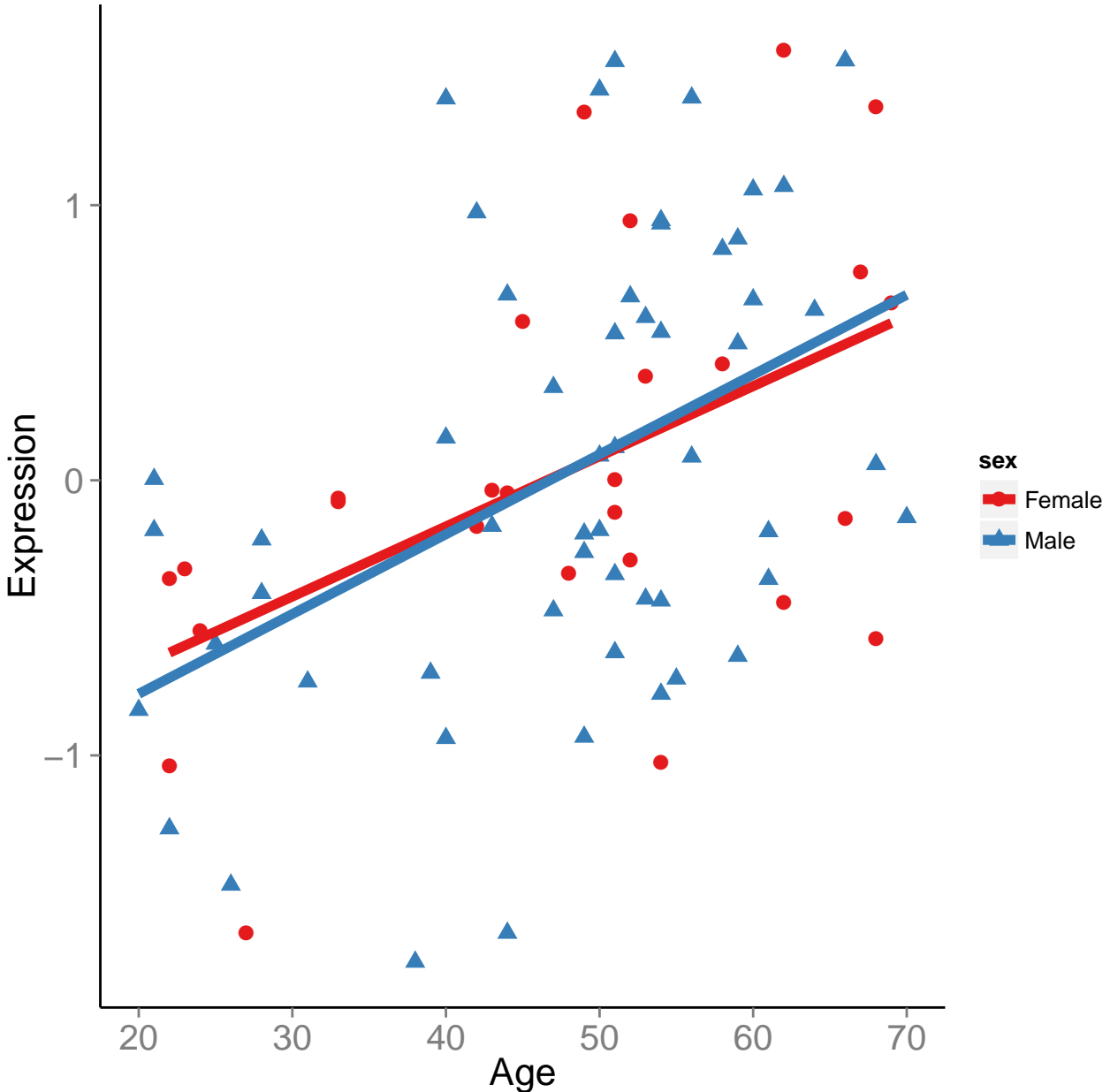
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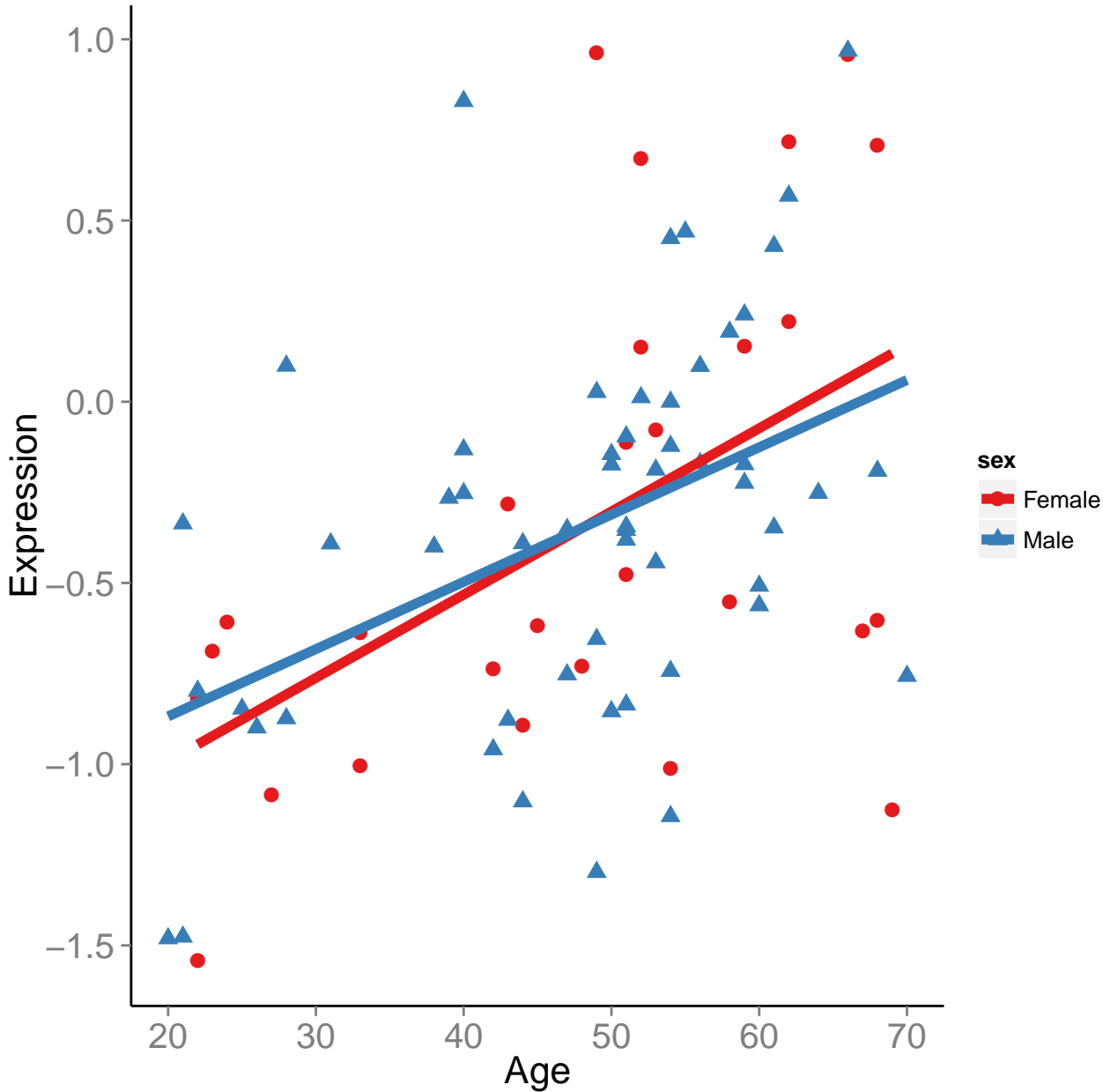
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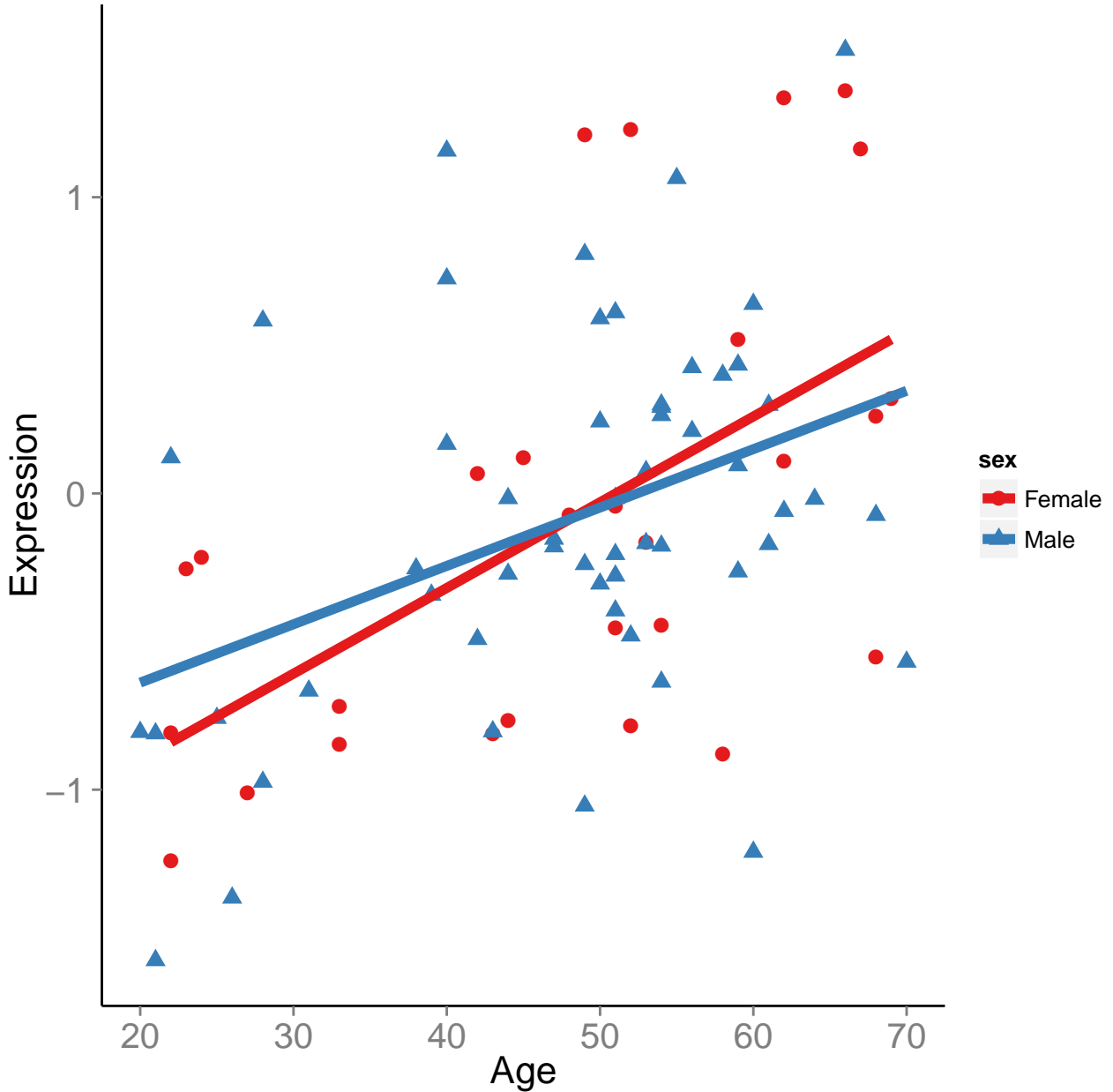
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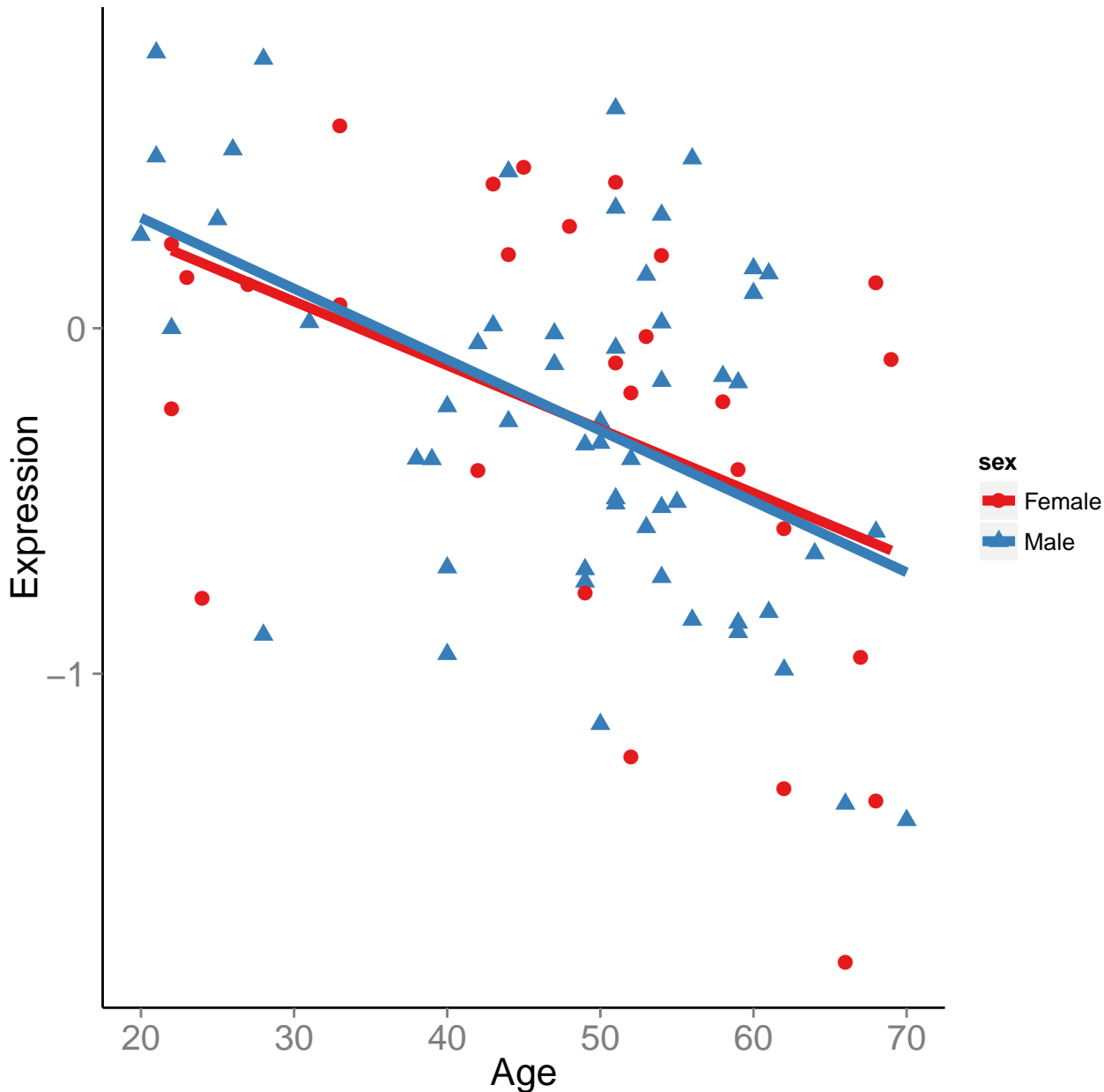
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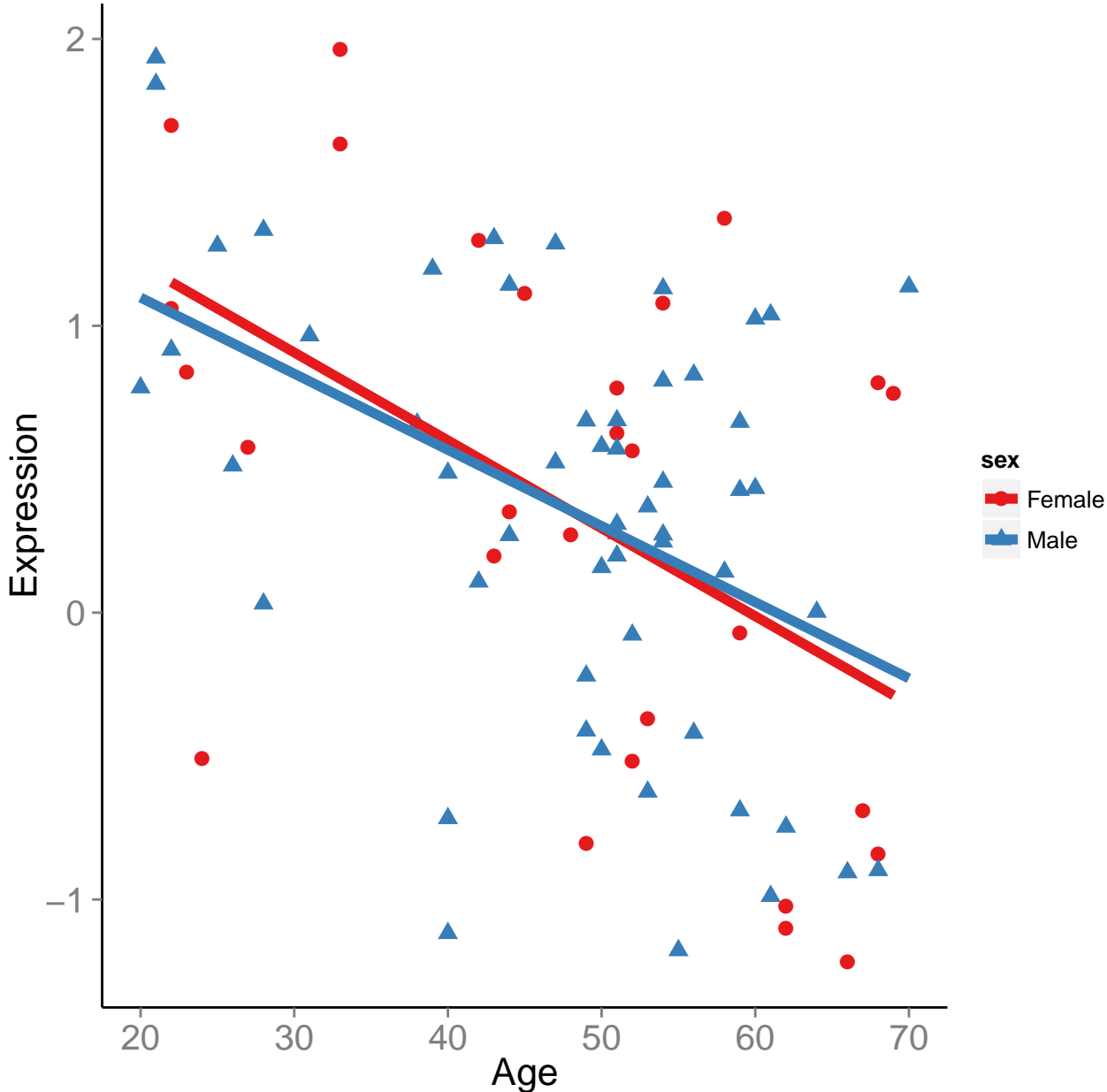
Heart: SAMD1 Pearson-R=0.47 Pval=6.74E-06



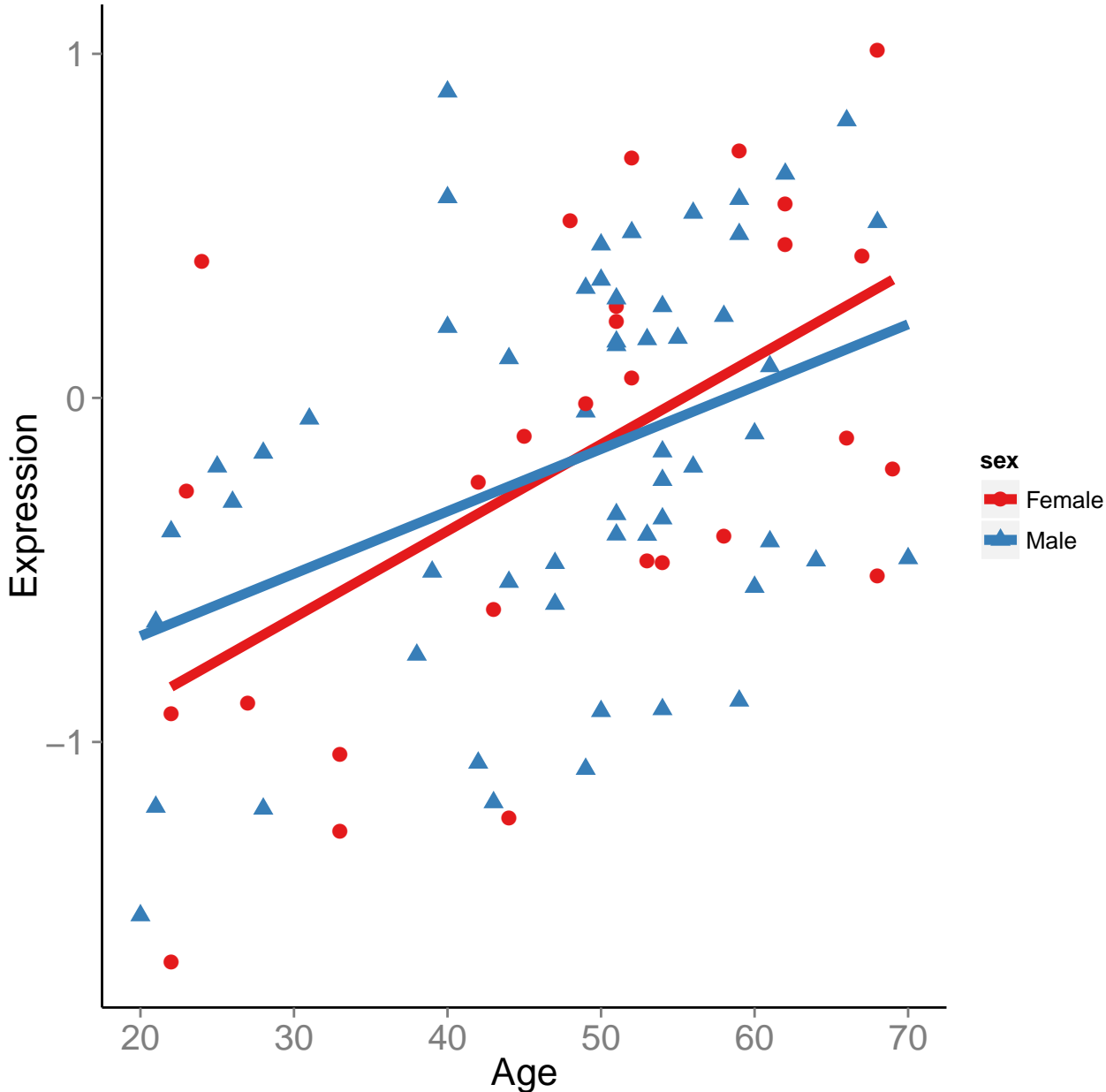
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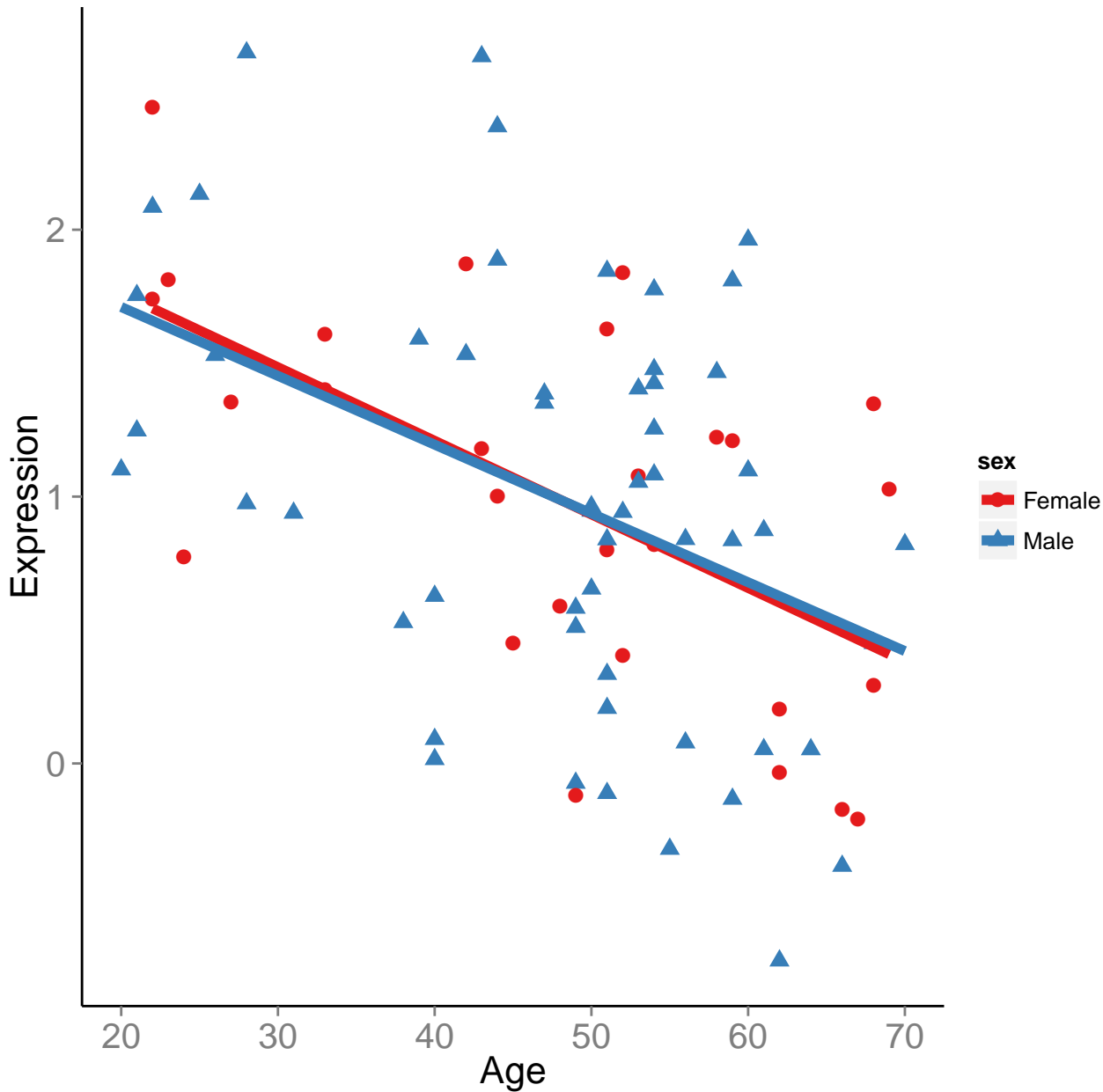
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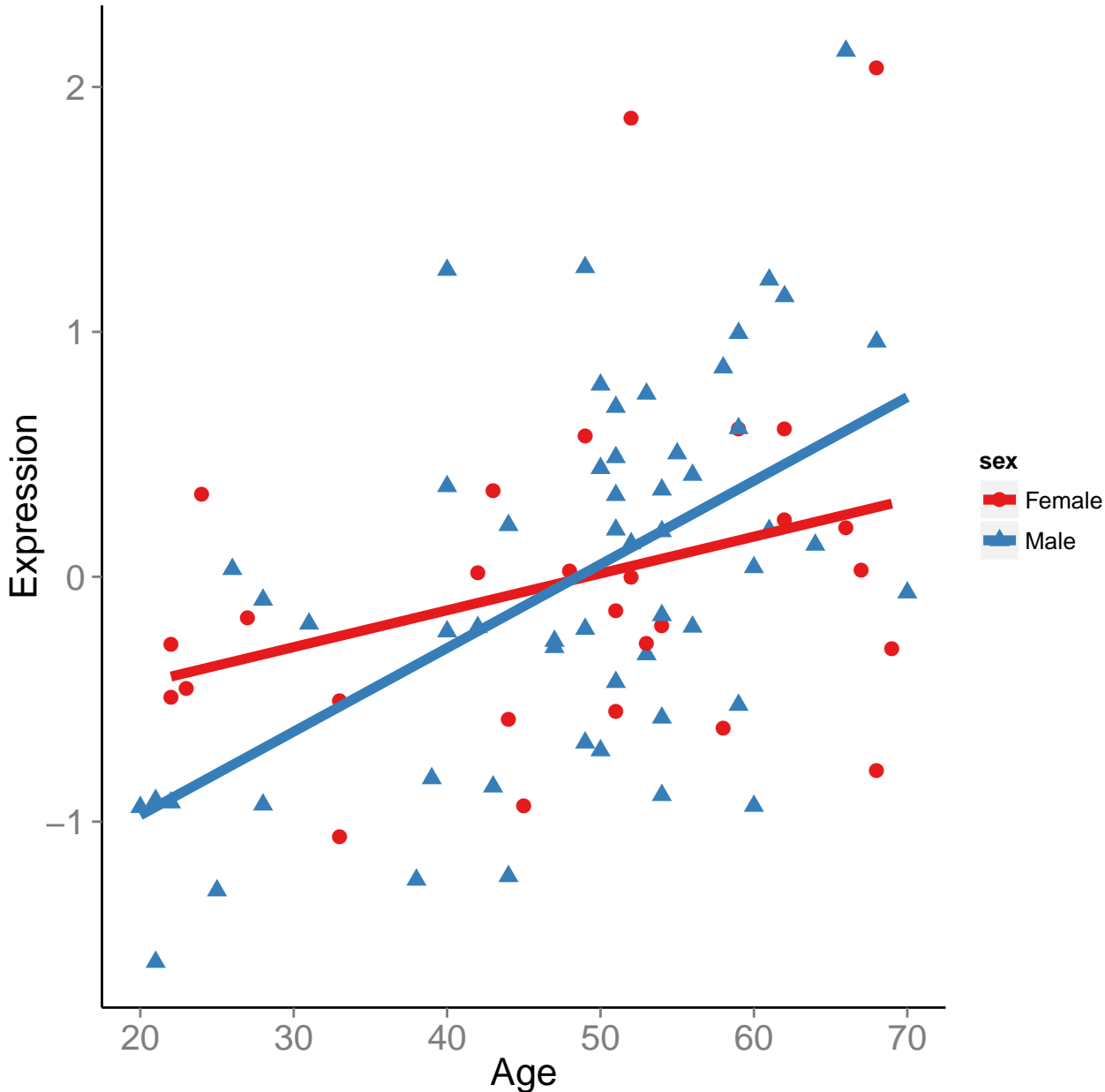
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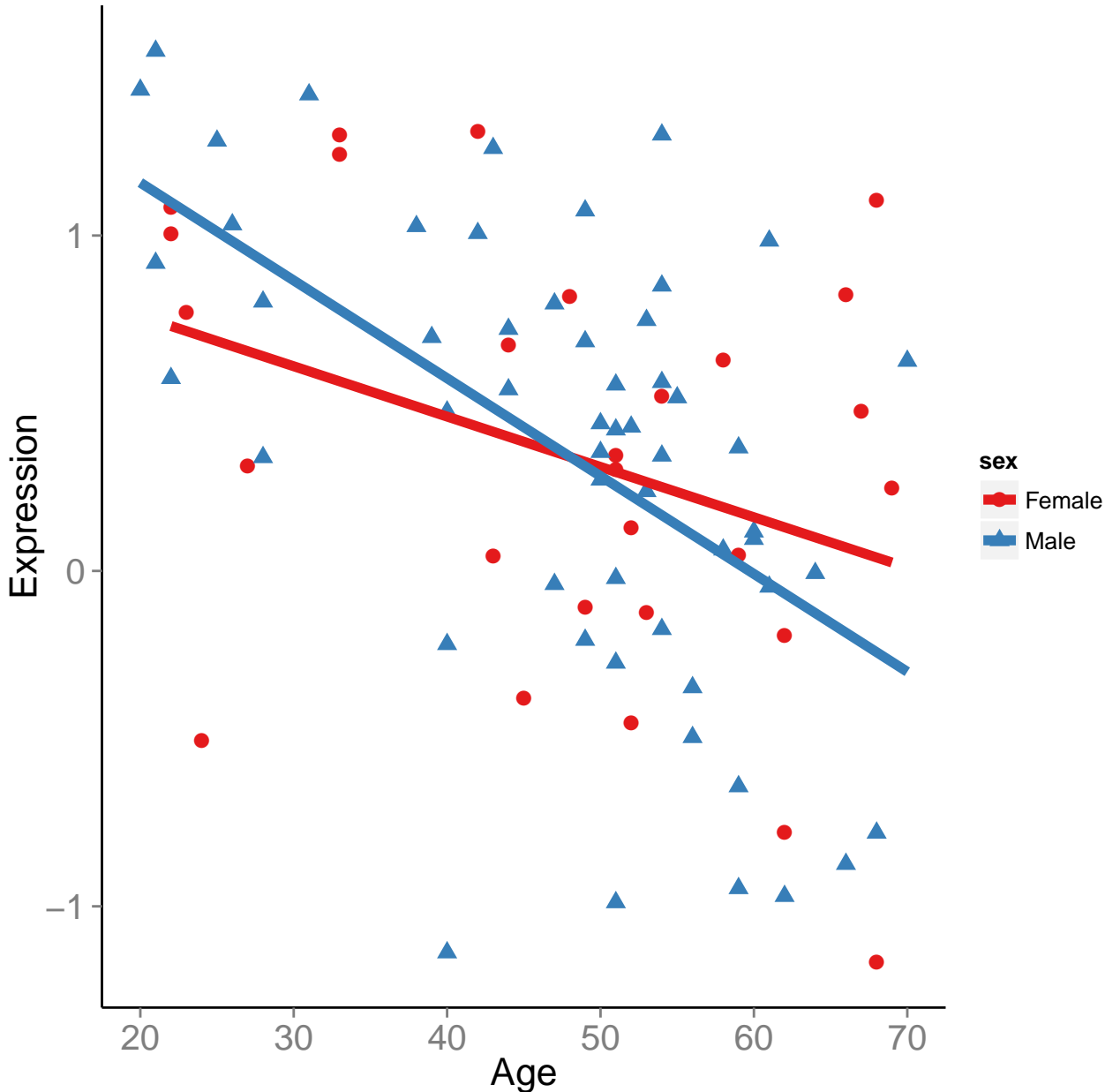
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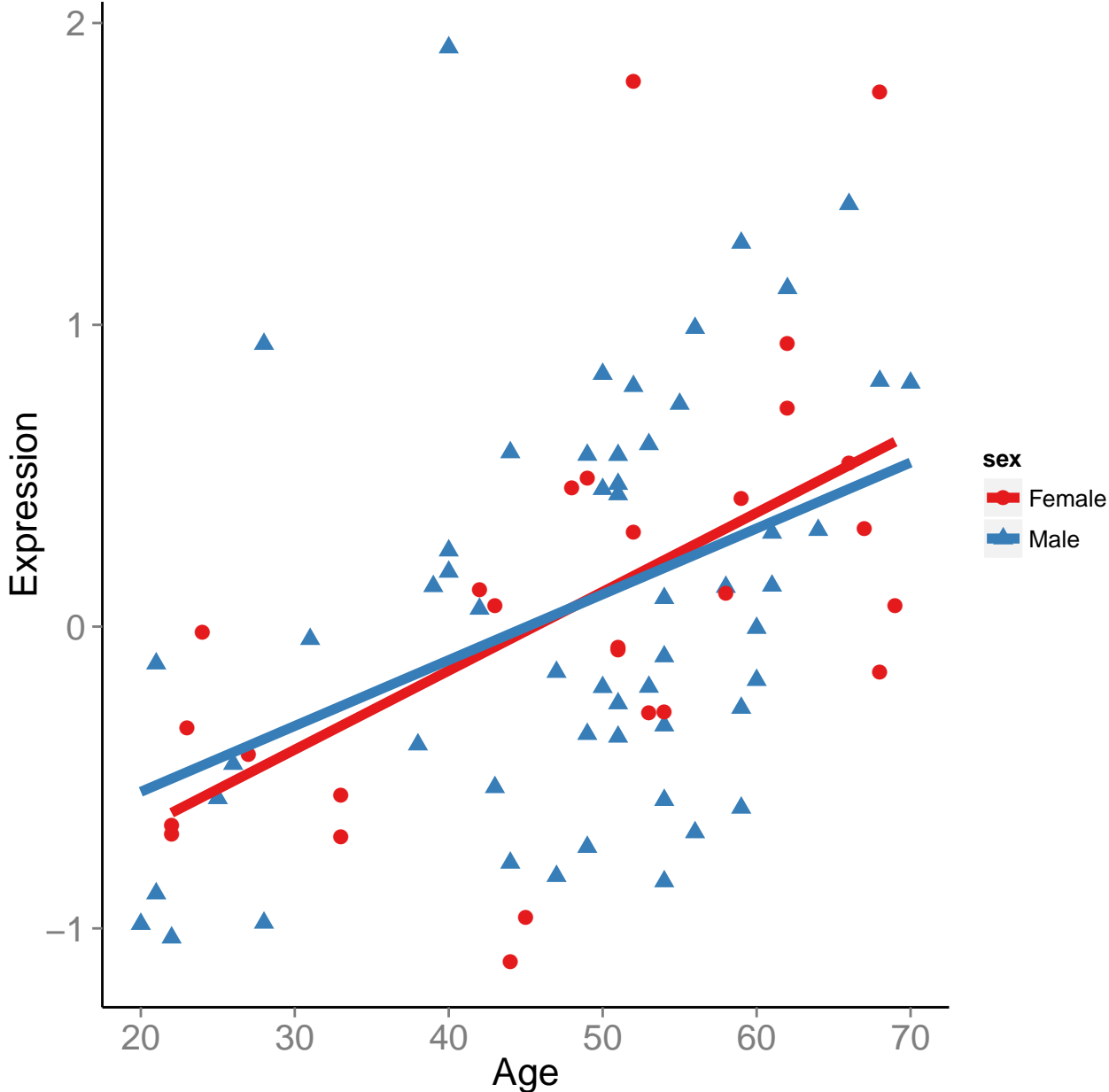
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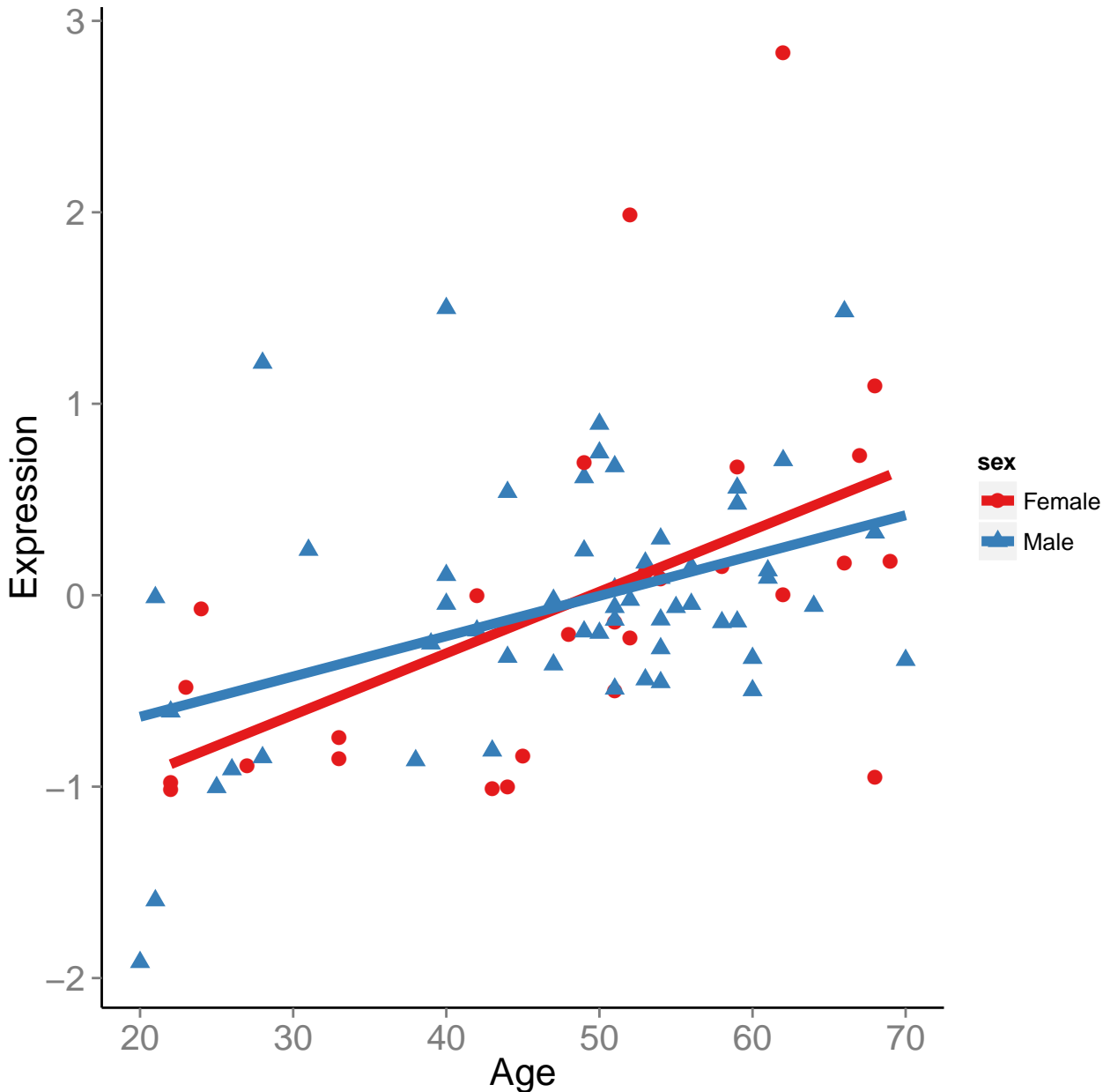
Heart: UCHL3 Pearson-R=-0.47 Pval=6.92E-06



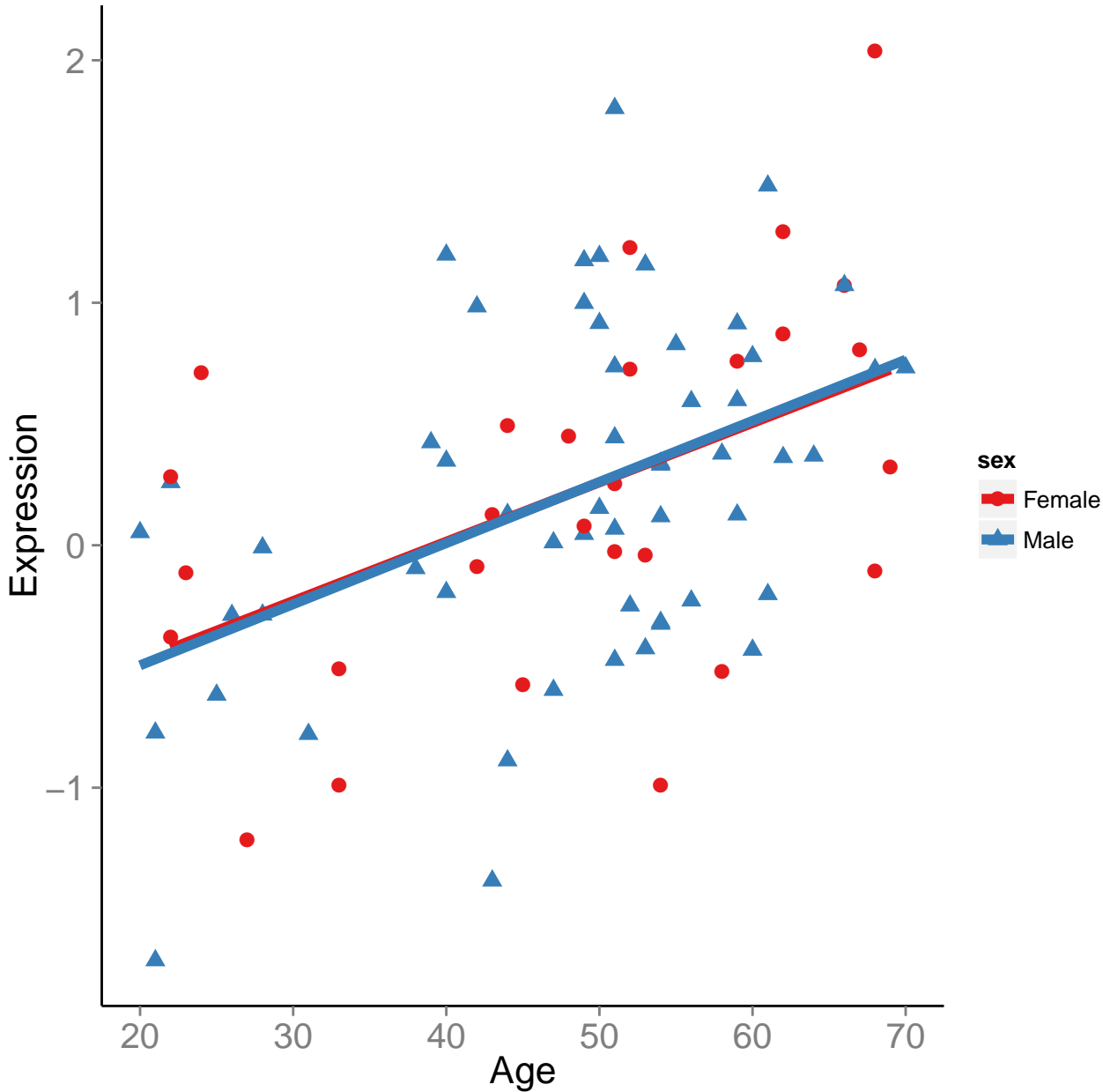
Heart: RECQL5 Pearson-R=0.47 Pval=8.20E-06



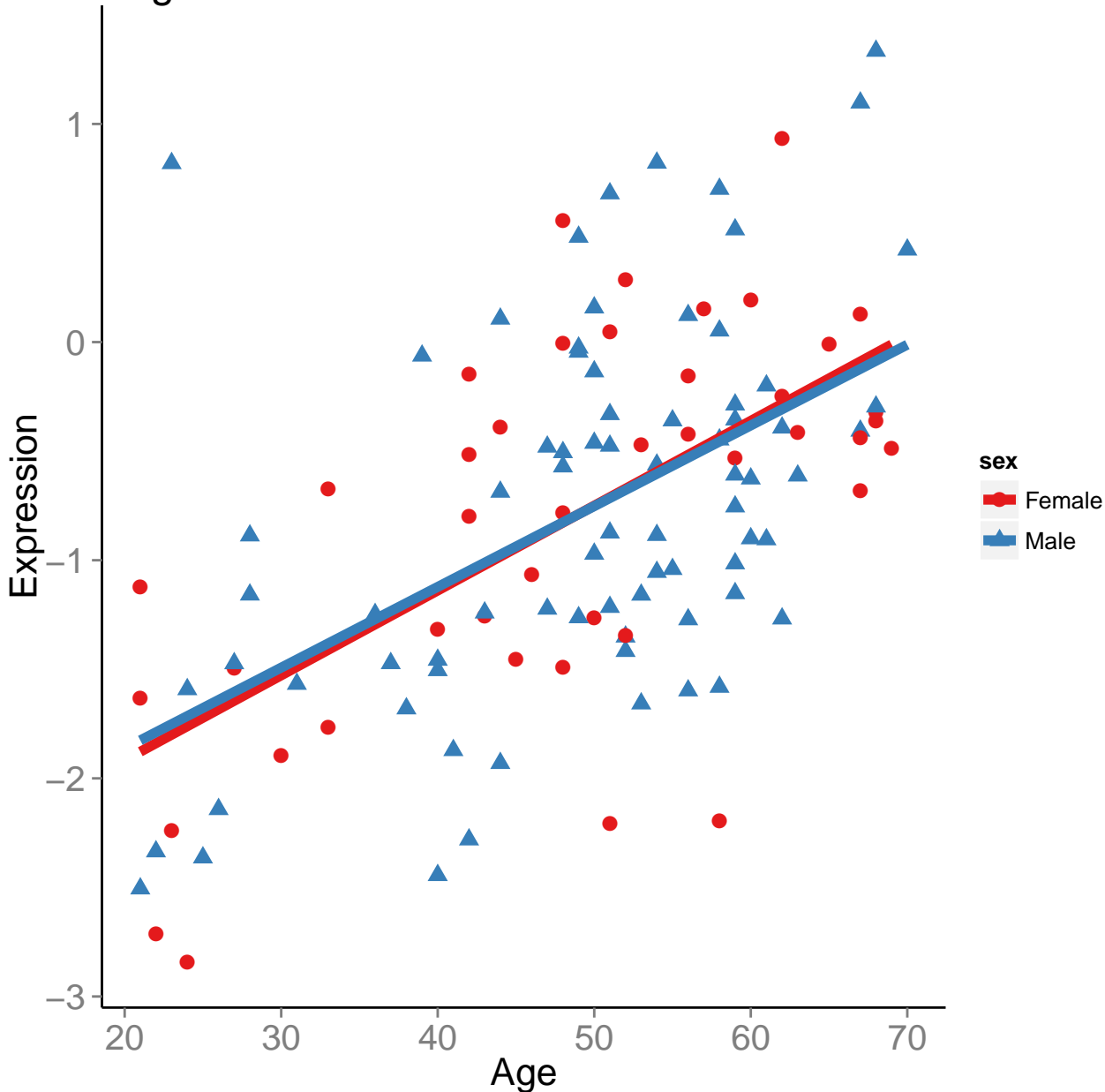
Heart: USP21 Pearson-R=0.47 Pval=8.37E-06



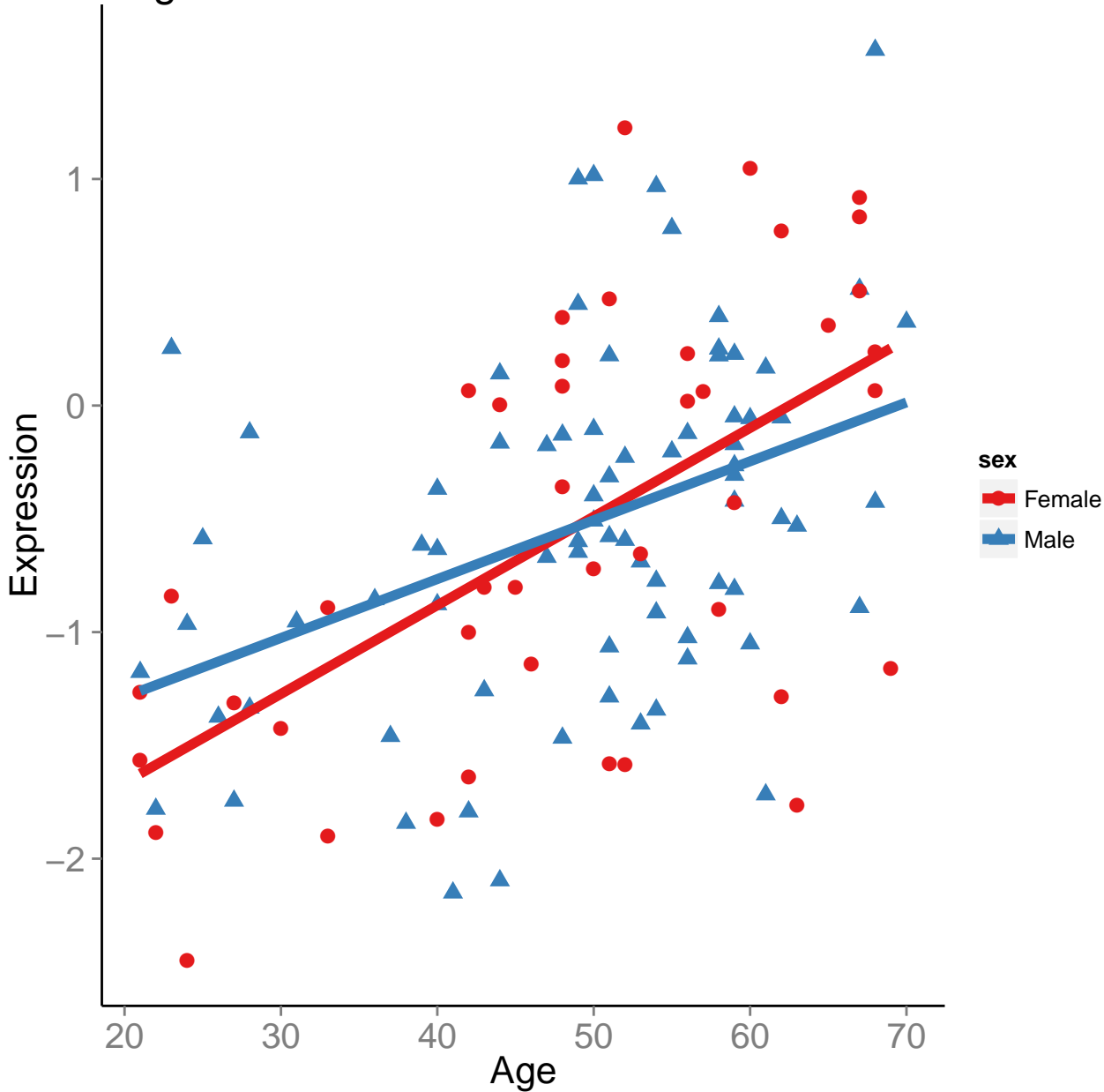
Heart: MAFF Pearson-R=0.47 Pval=8.71E-06



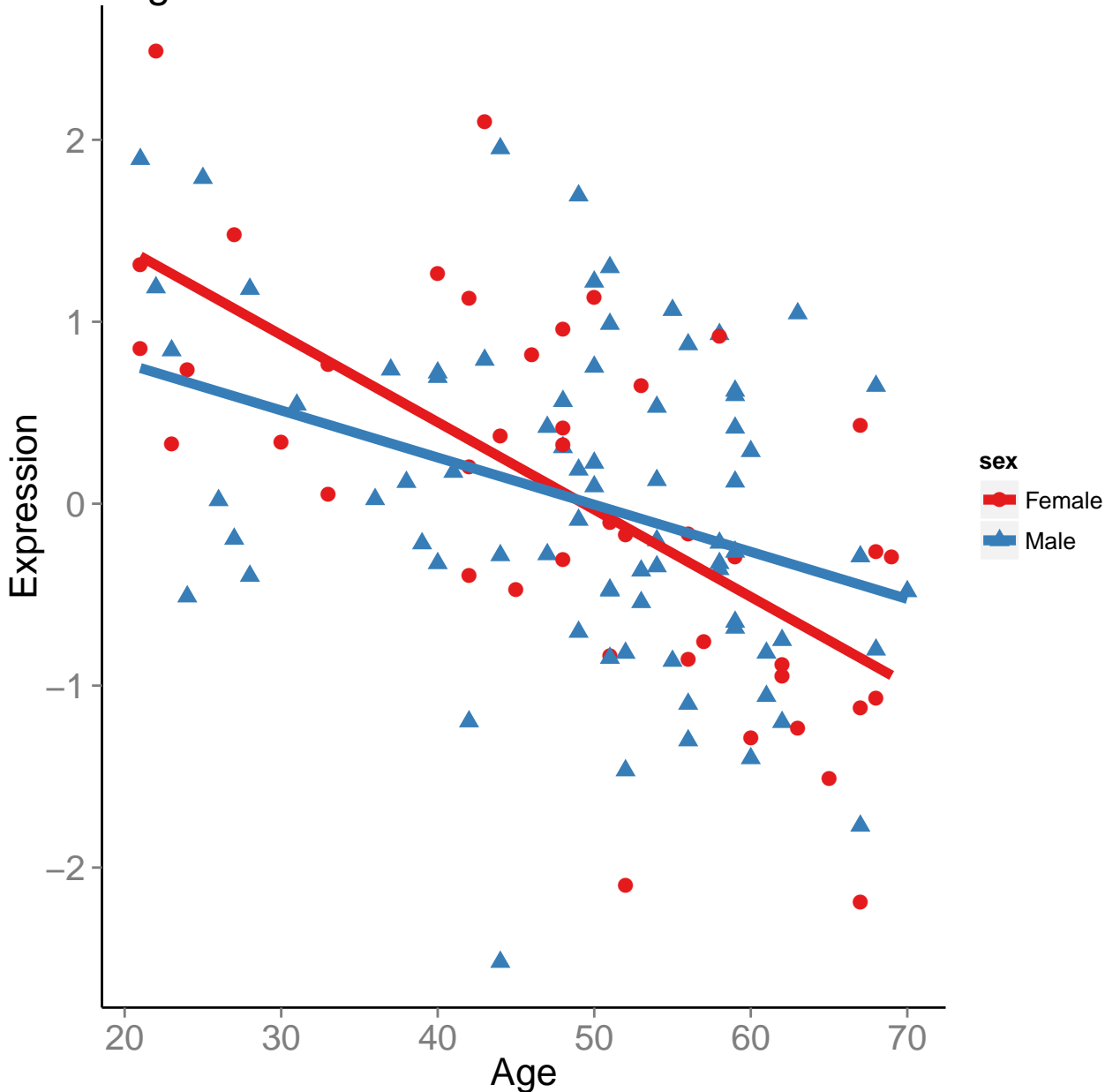
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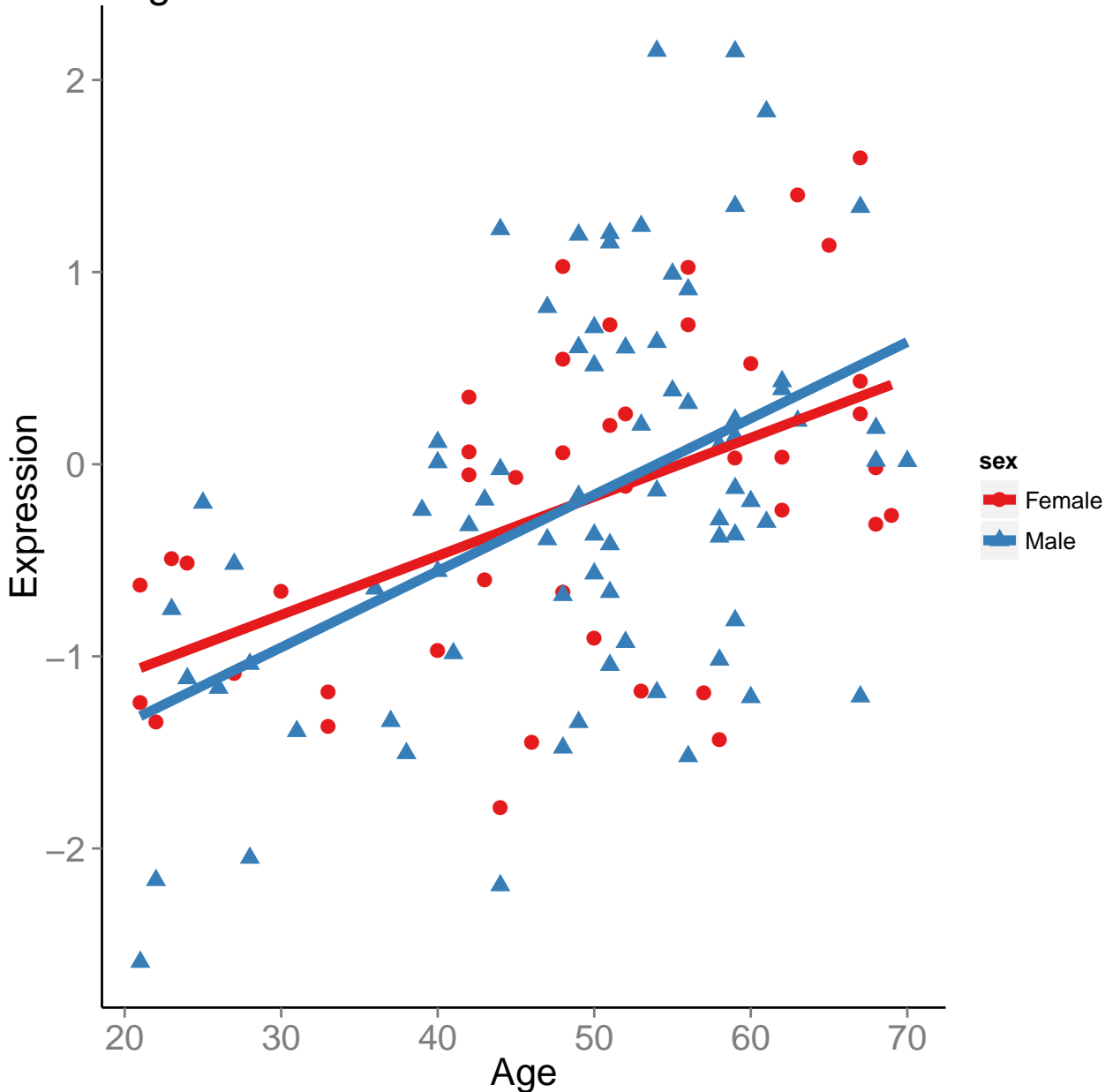
Lung: ZMAT3 Pearson-R=0.49 Pval=1.37E-08



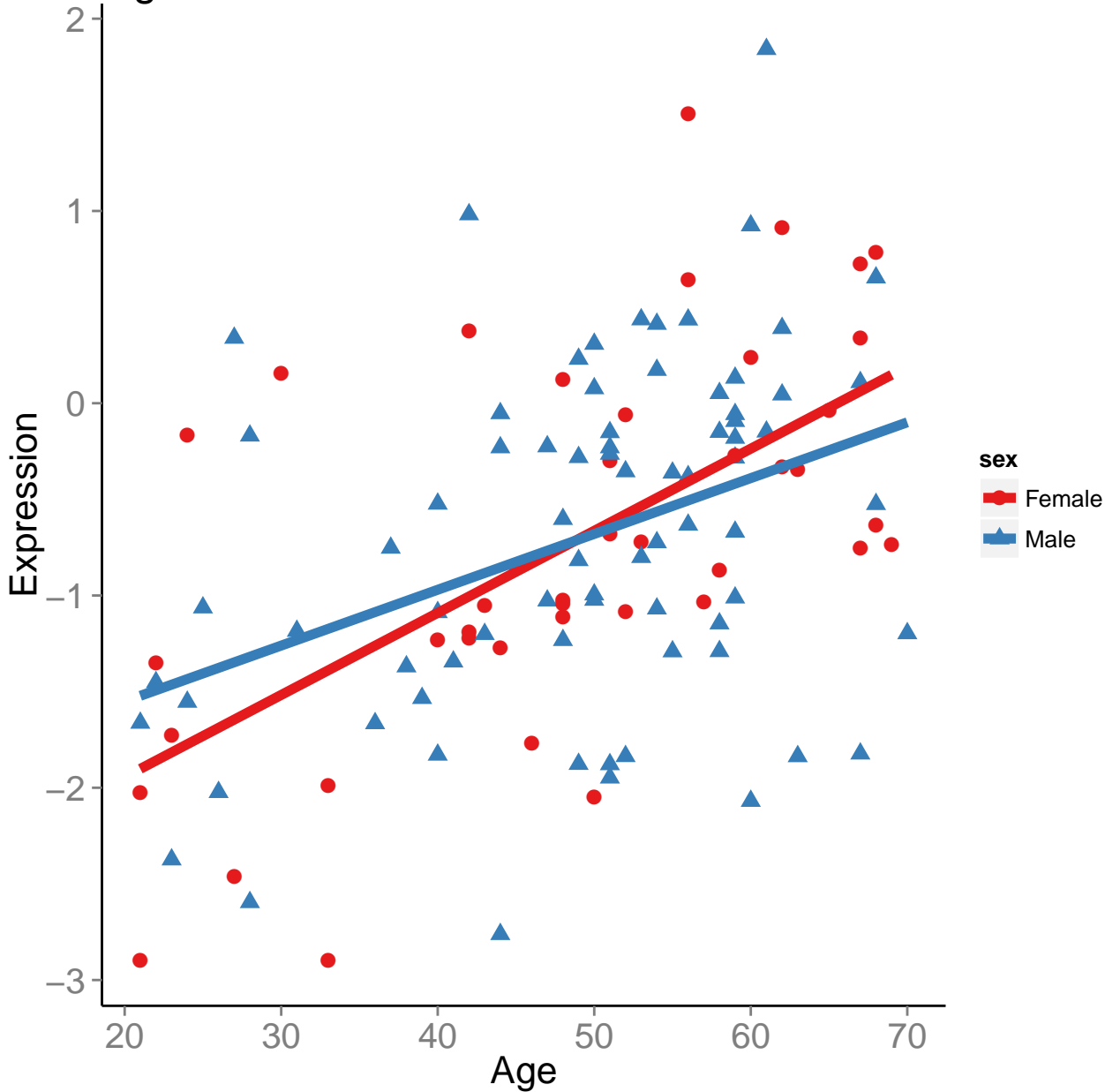
Lung: IMPA2 Pearson-R=-0.49 Pval=1.79E-08



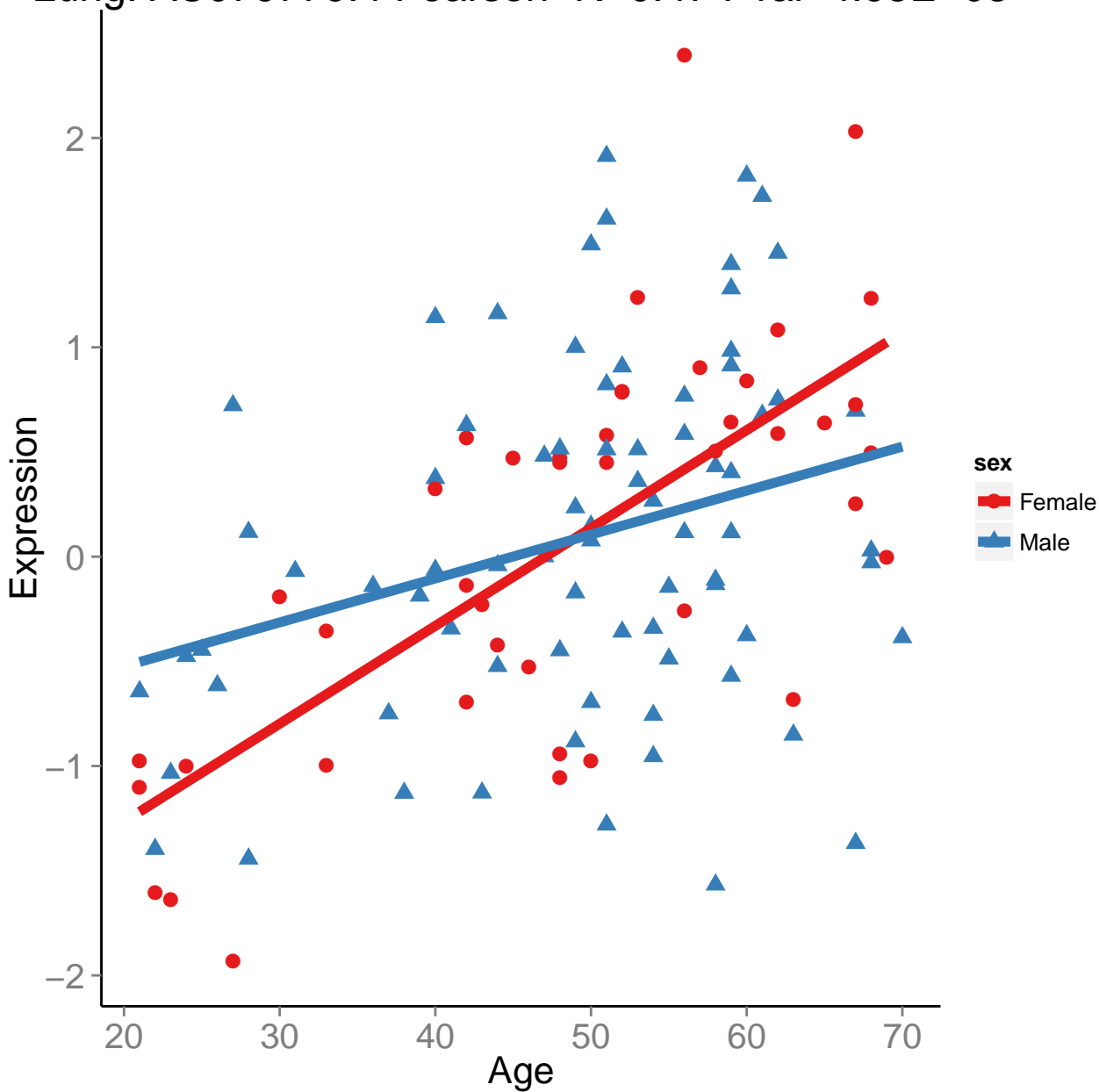
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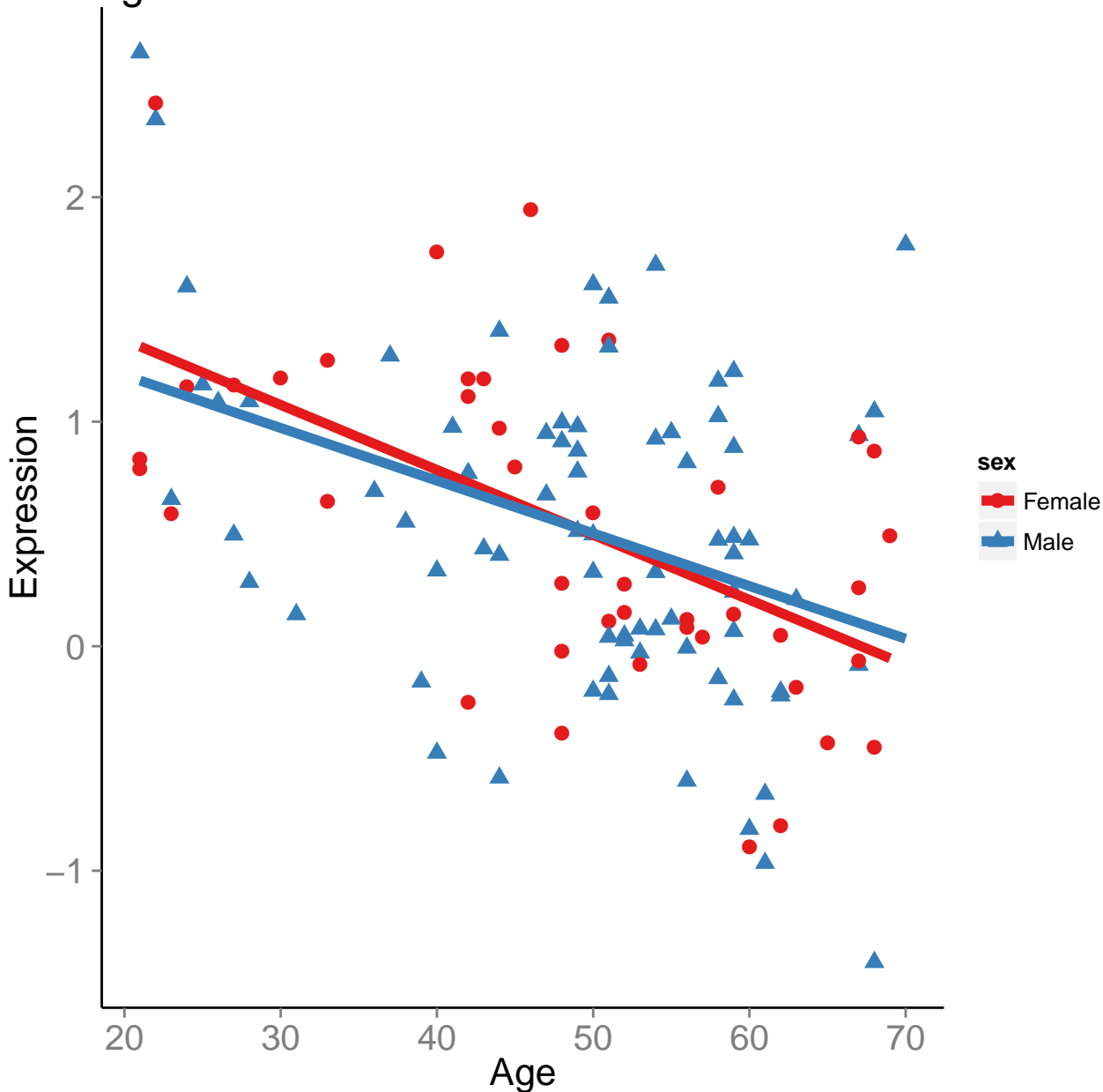
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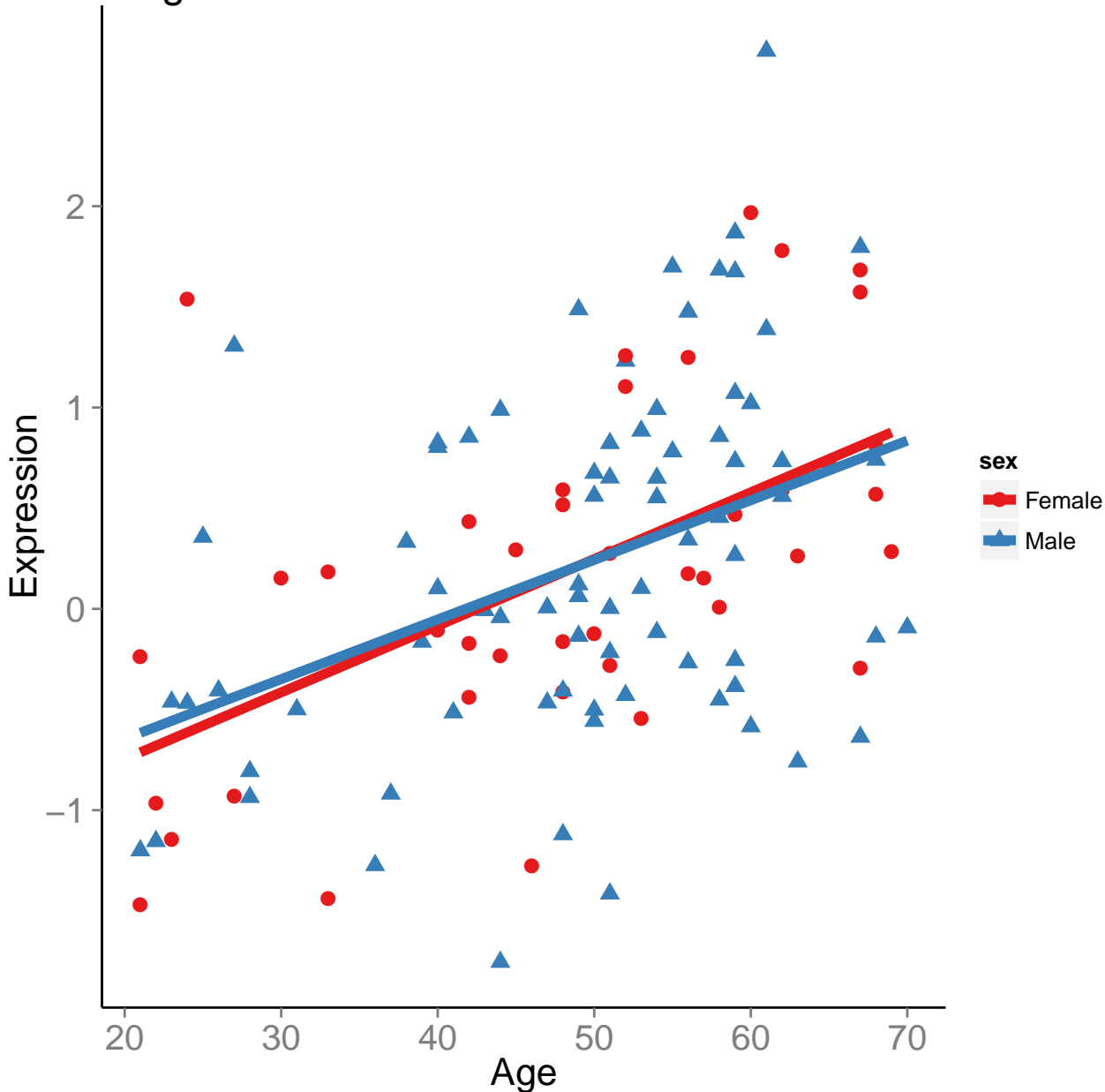
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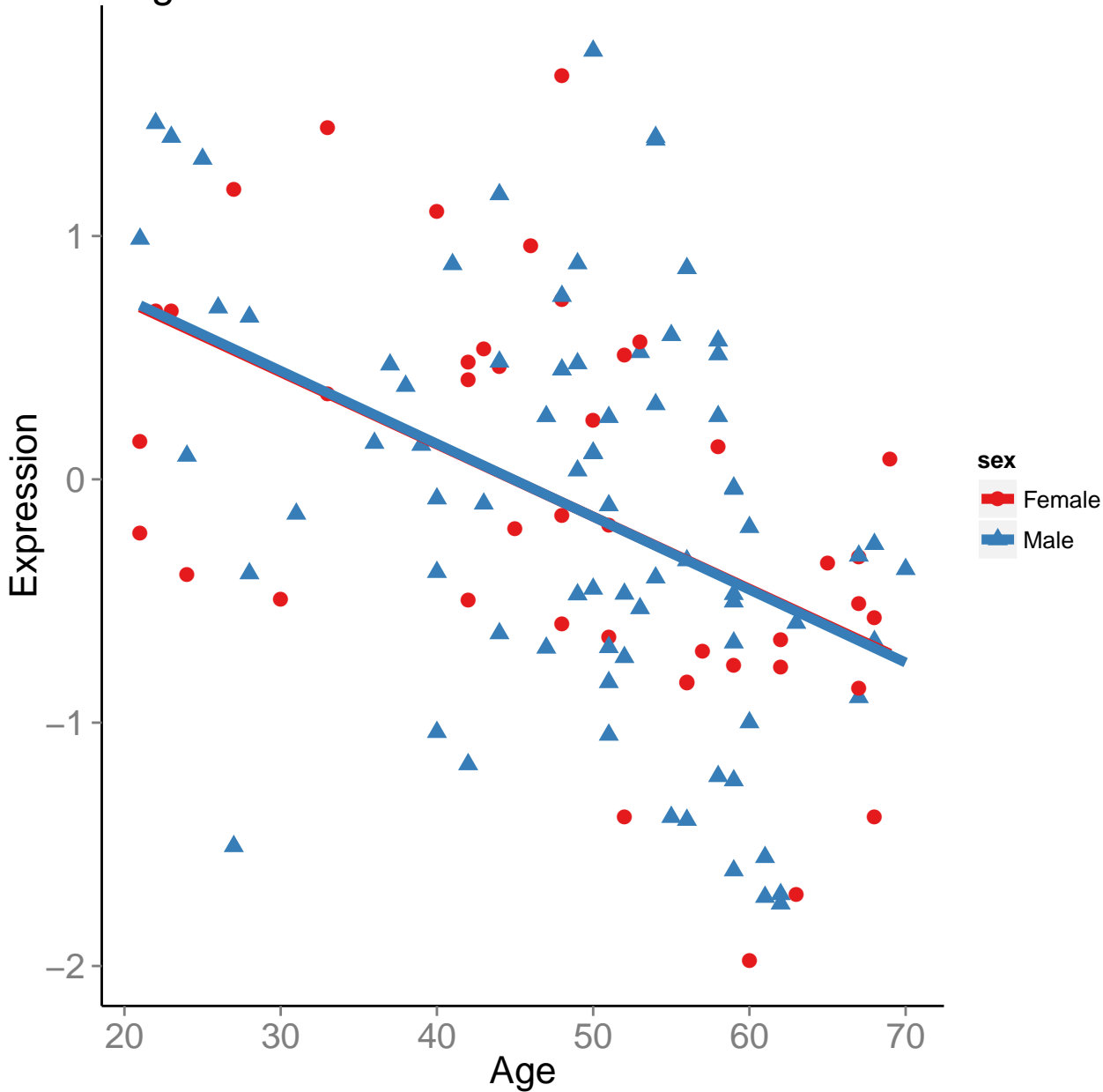
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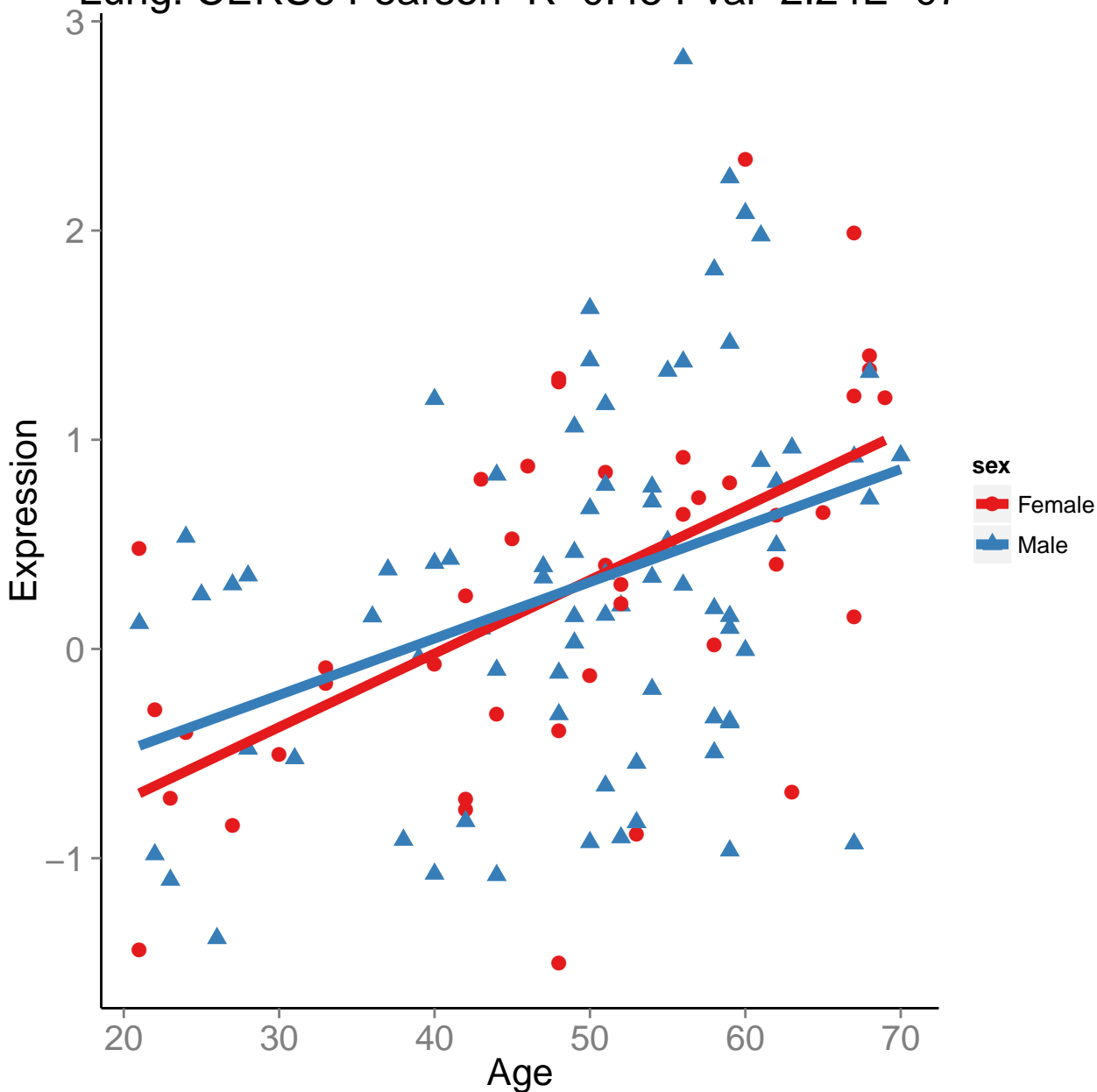
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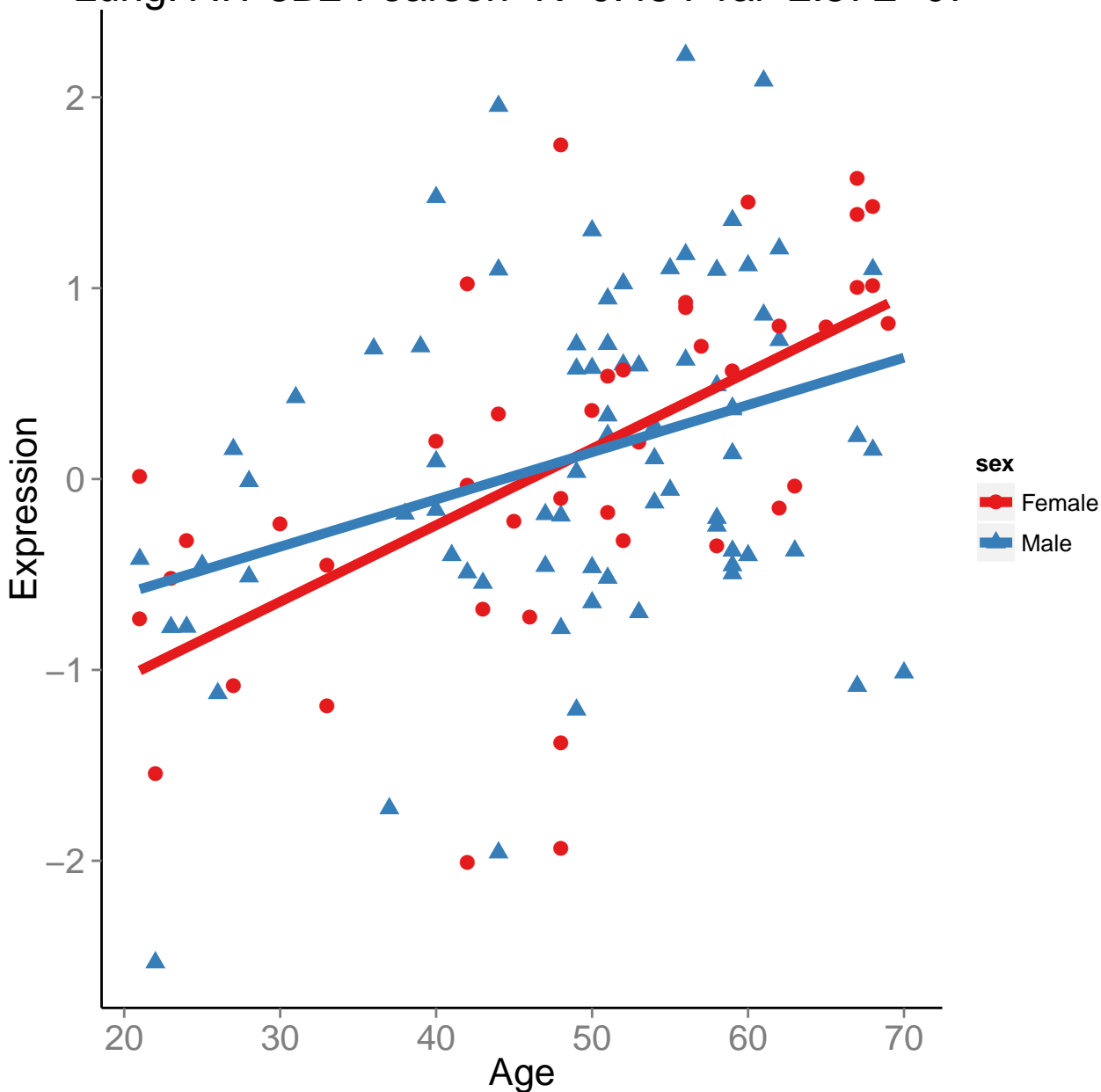
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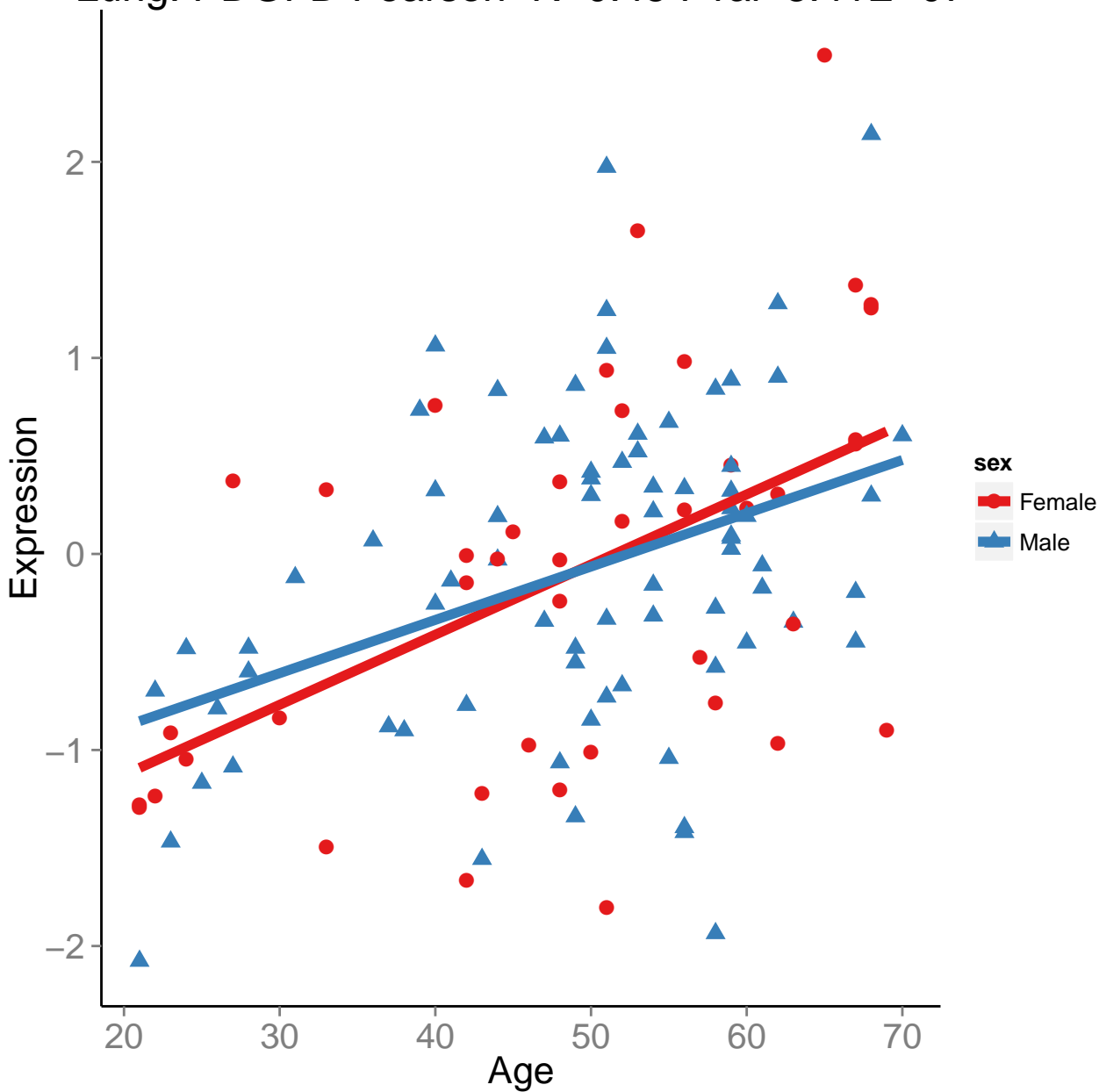
Lung: CERS6 Pearson-R=0.45 Pval=2.24E-07



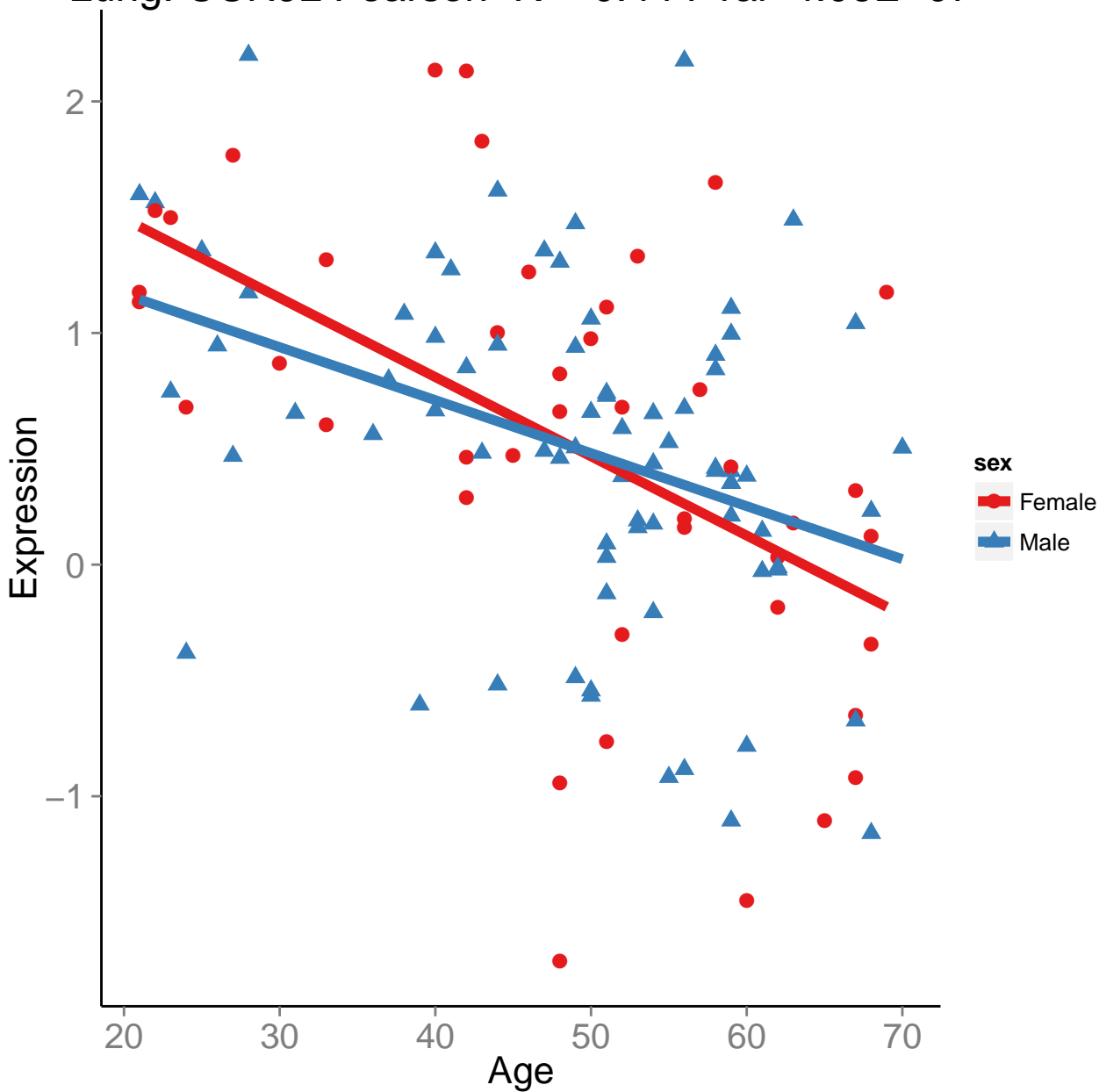
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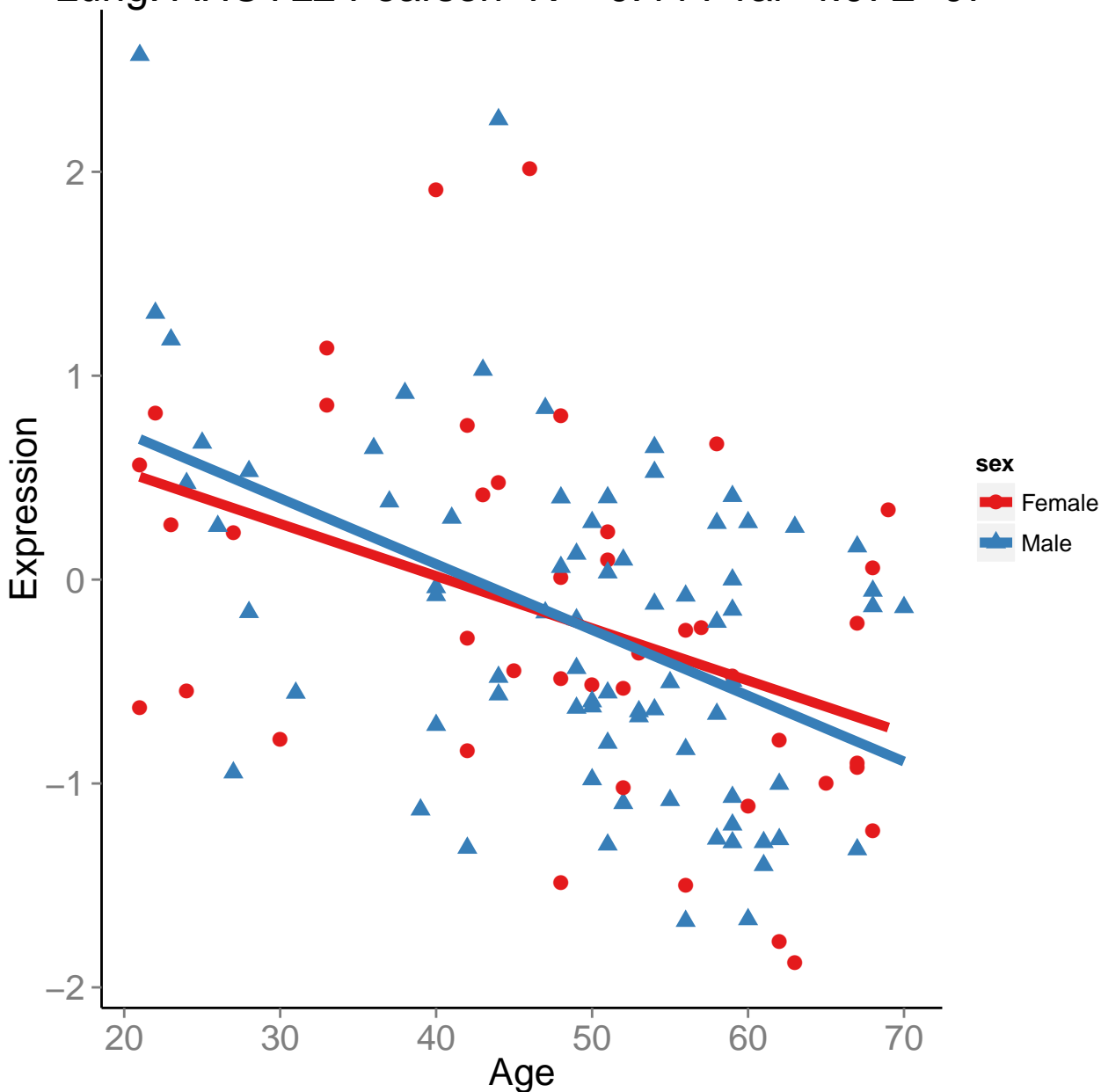
Lung: PDGFD Pearson-R=0.45 Pval=3.41E-07



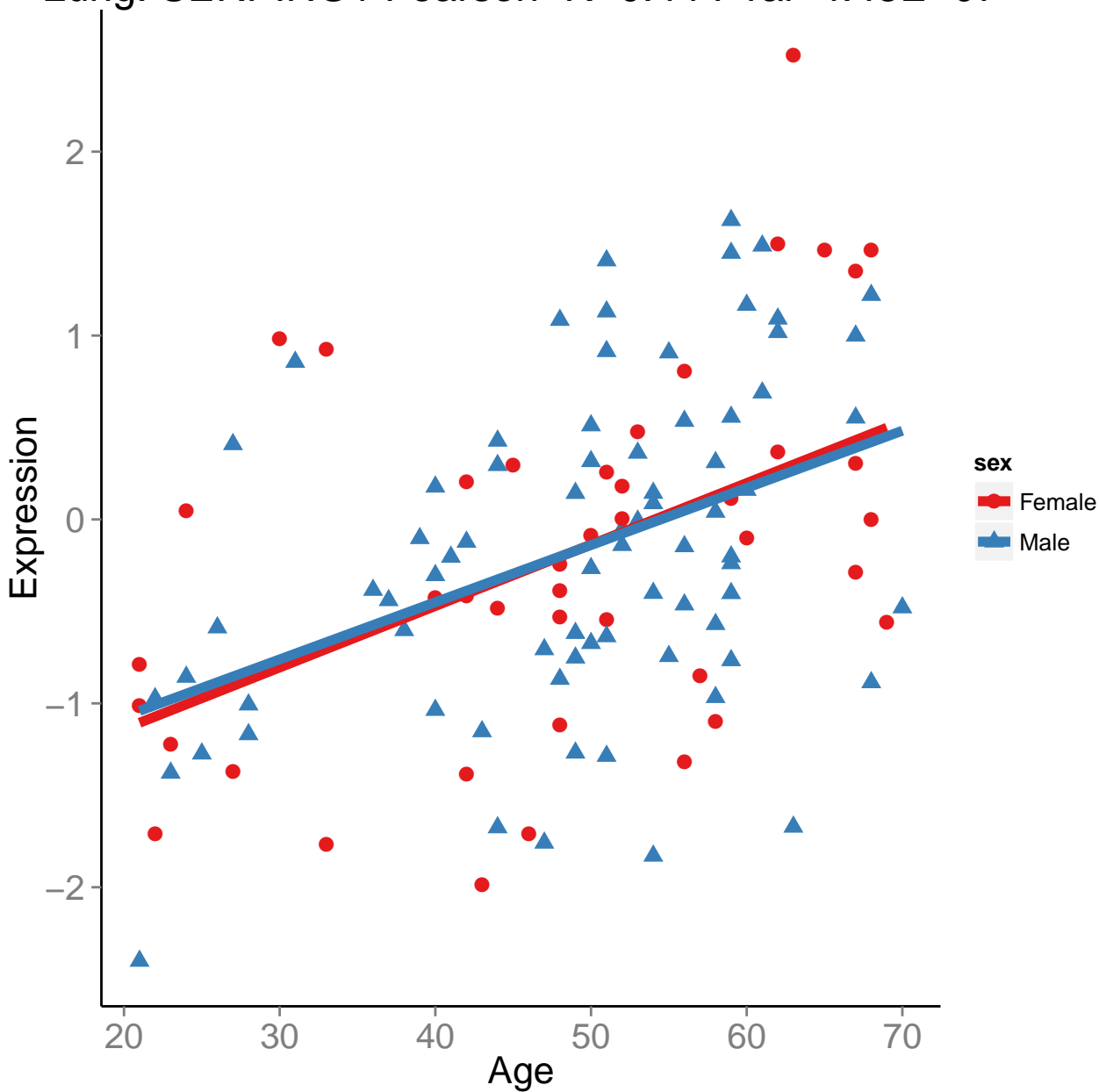
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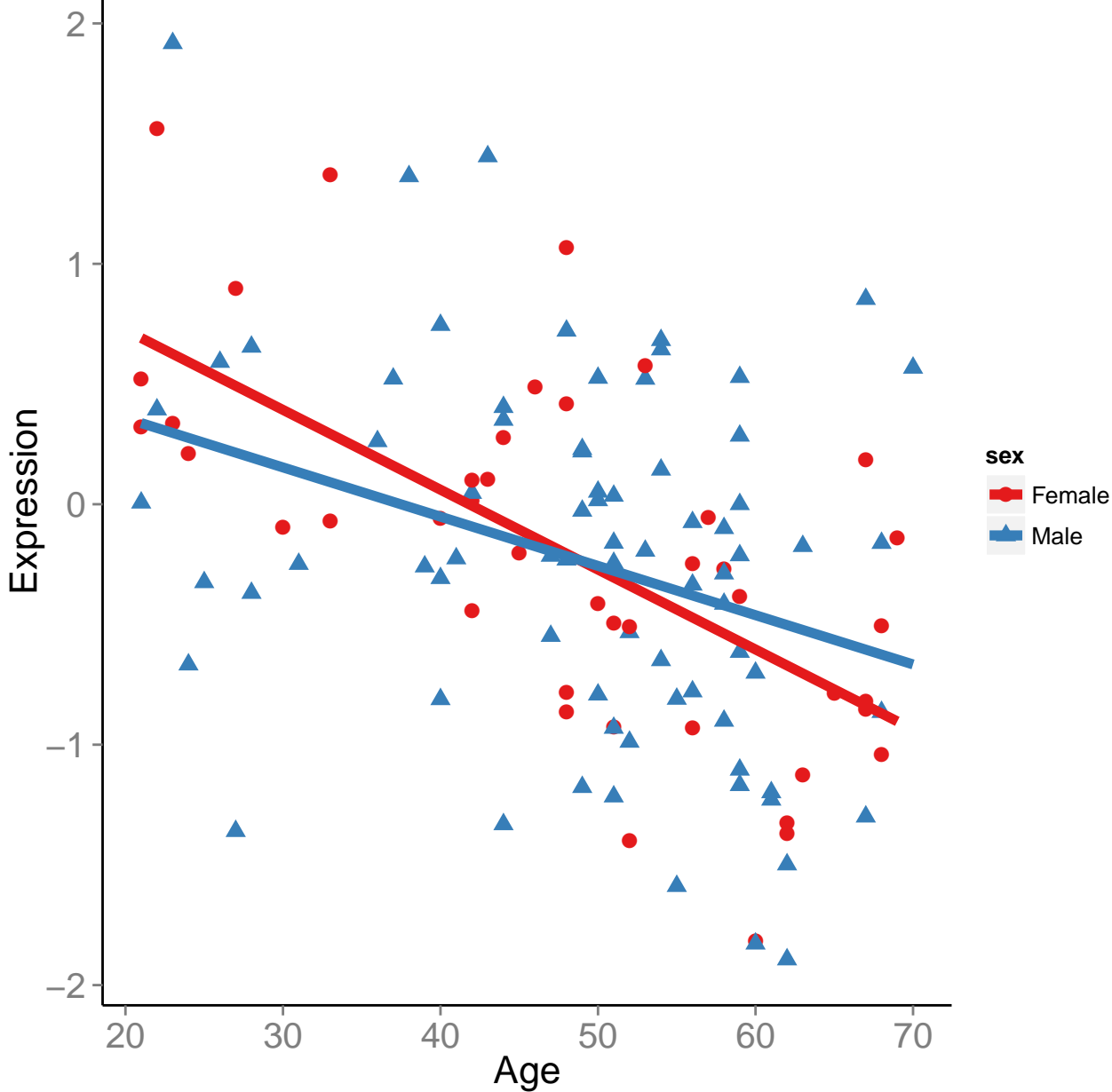
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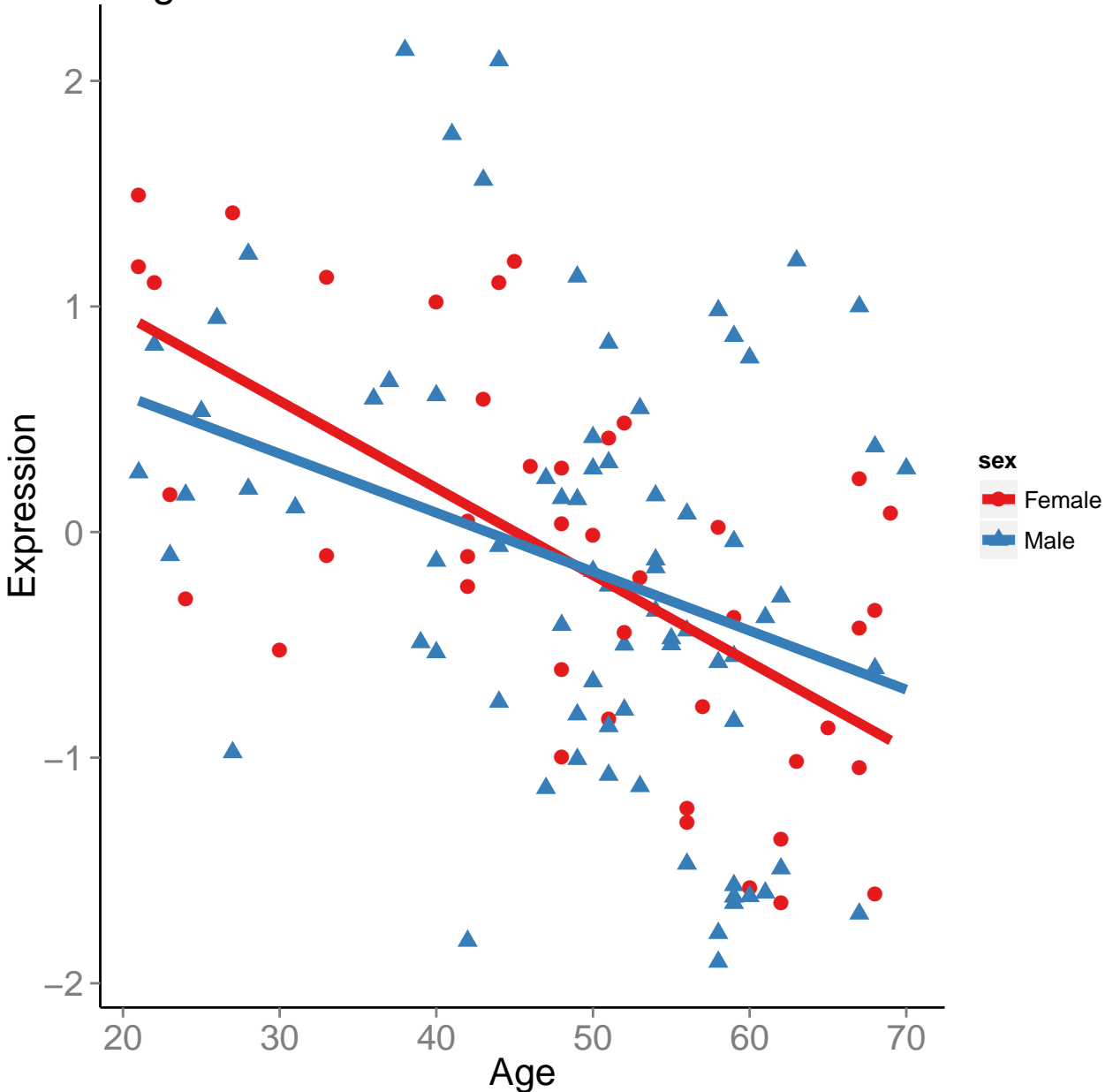
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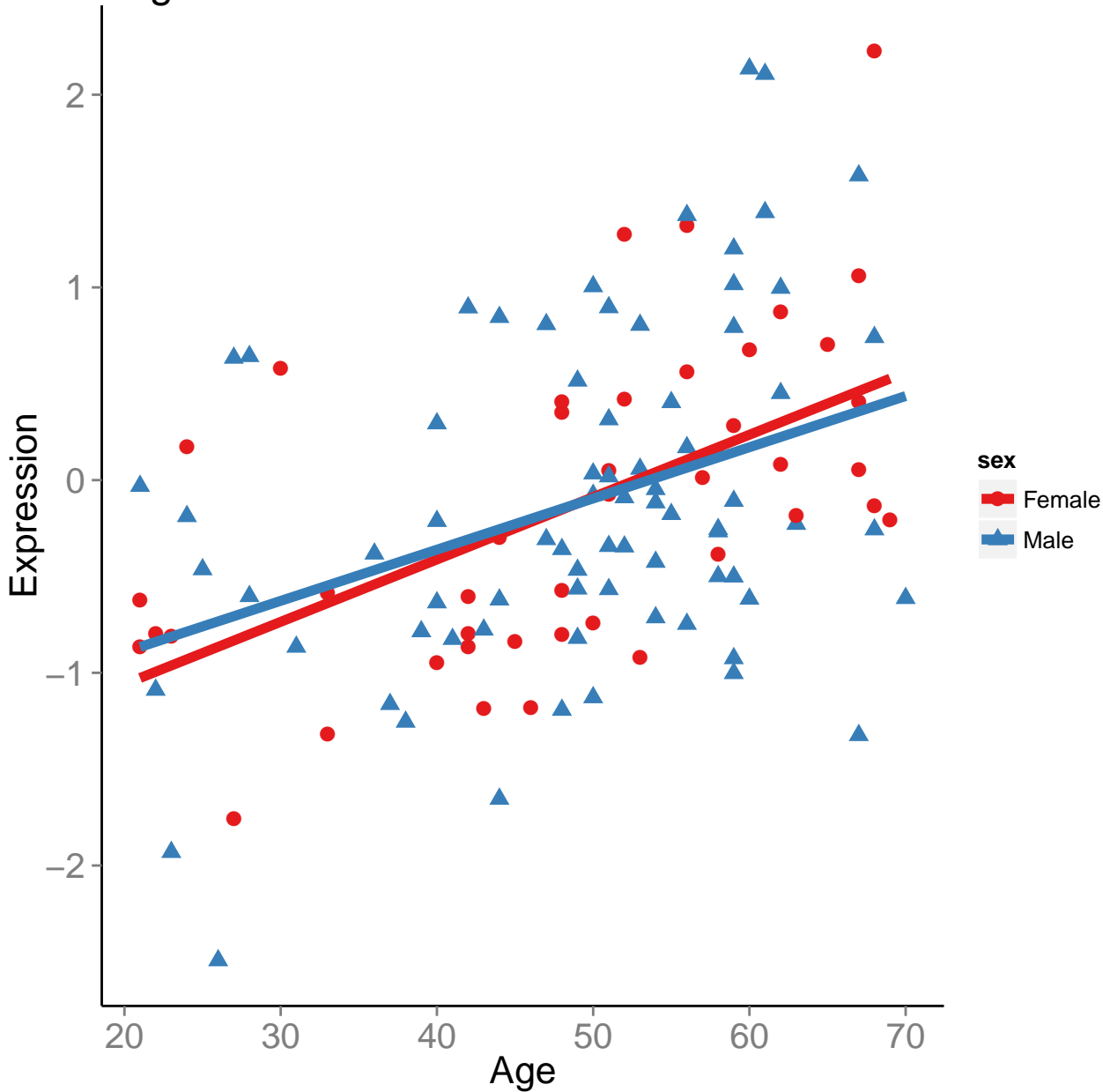
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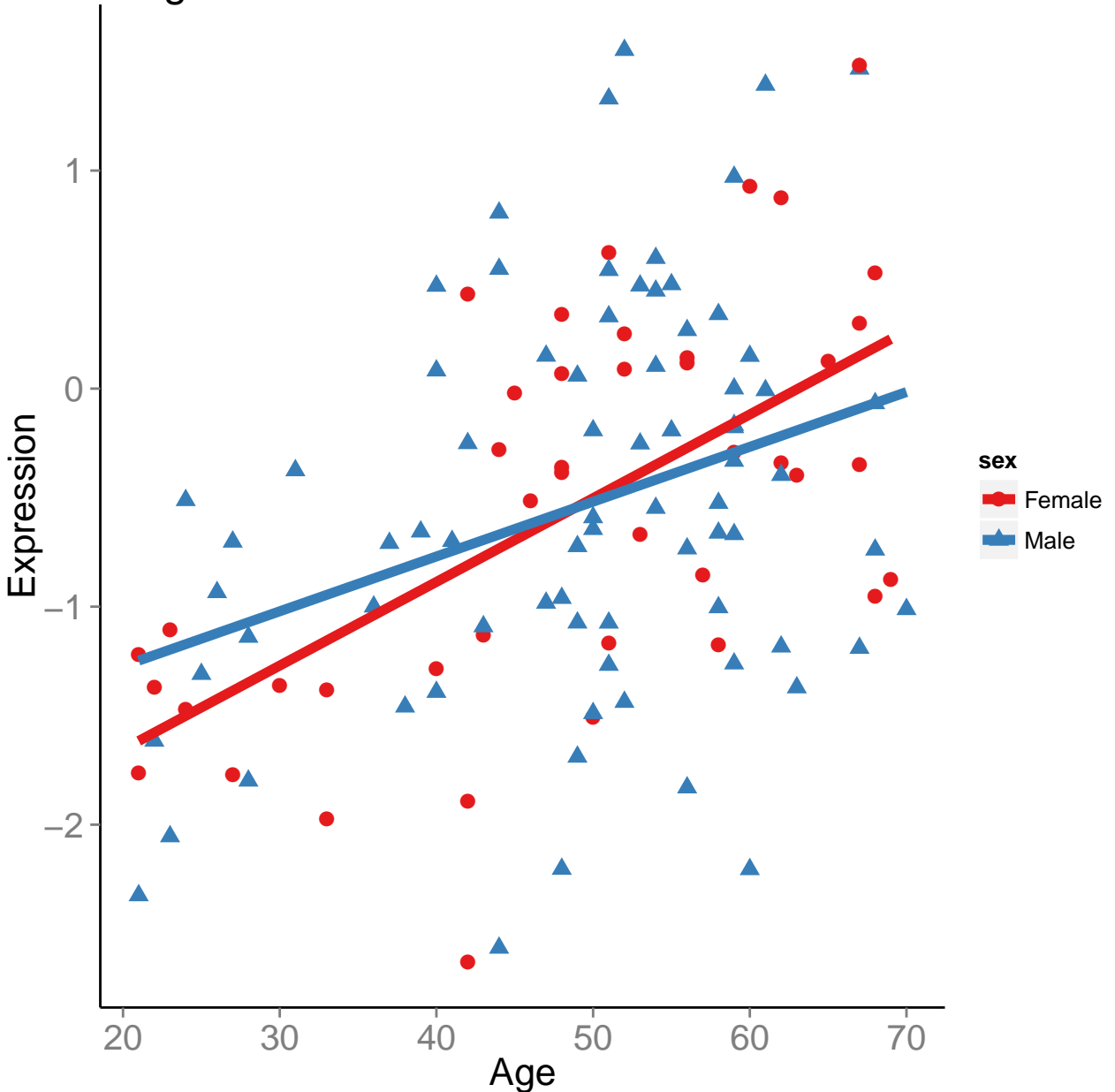
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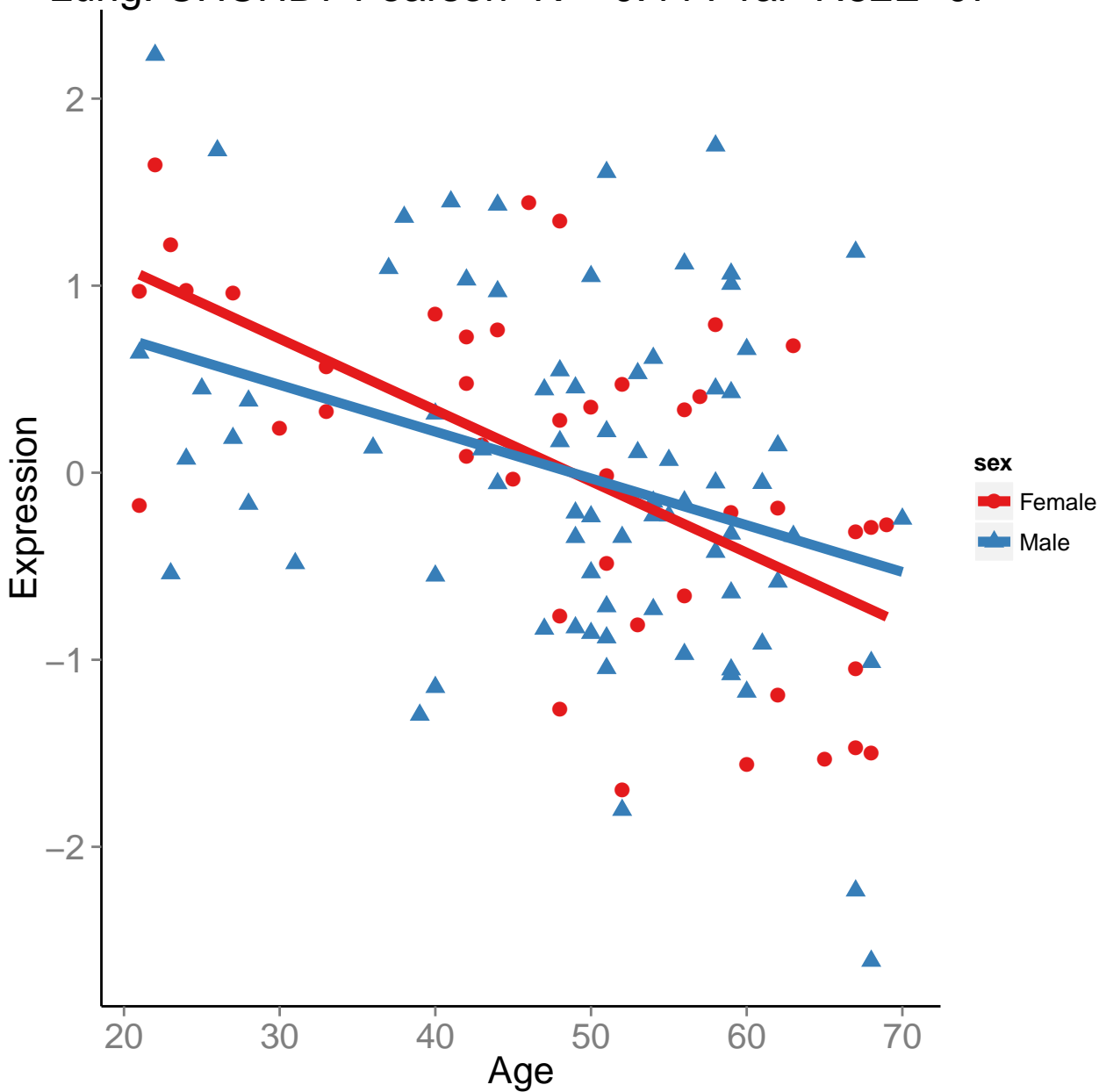
Lung: FOXO3 Pearson-R=0.44 Pval=5.34E-07



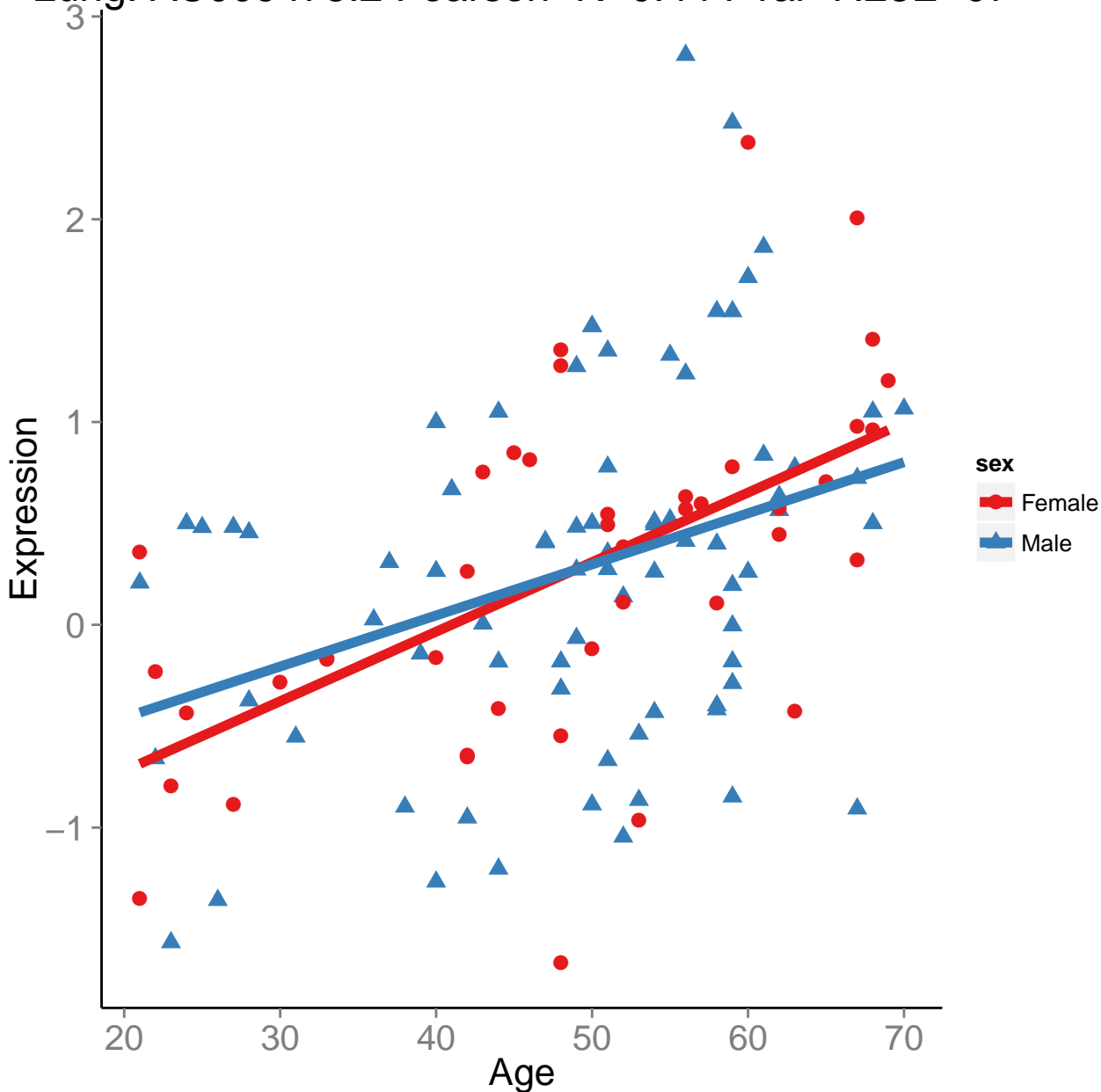
Lung: FRZB Pearson-R=0.44 Pval=5.98E-07



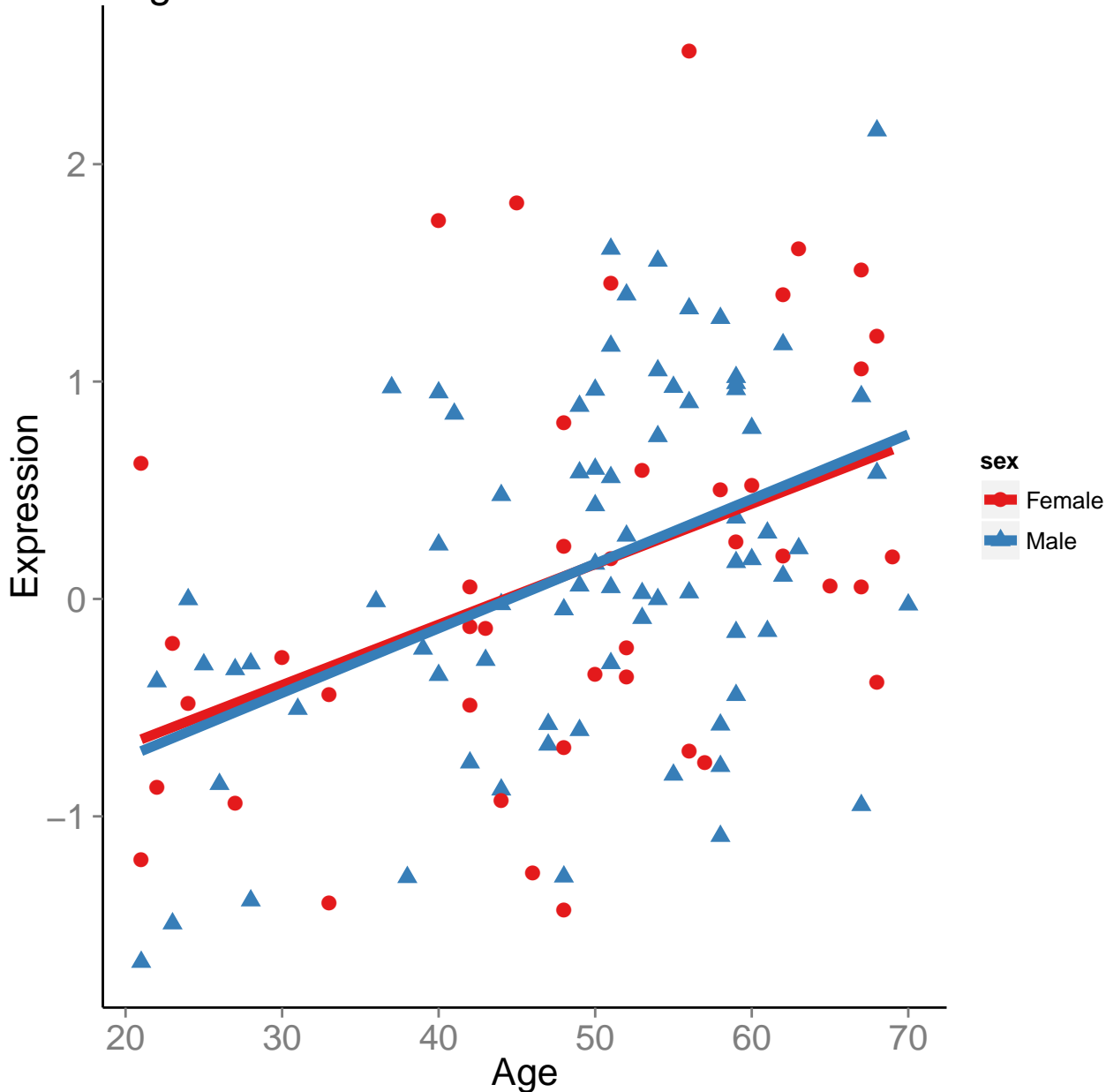
Lung: CHCHD7 Pearson-R=-0.44 Pval=7.52E-07



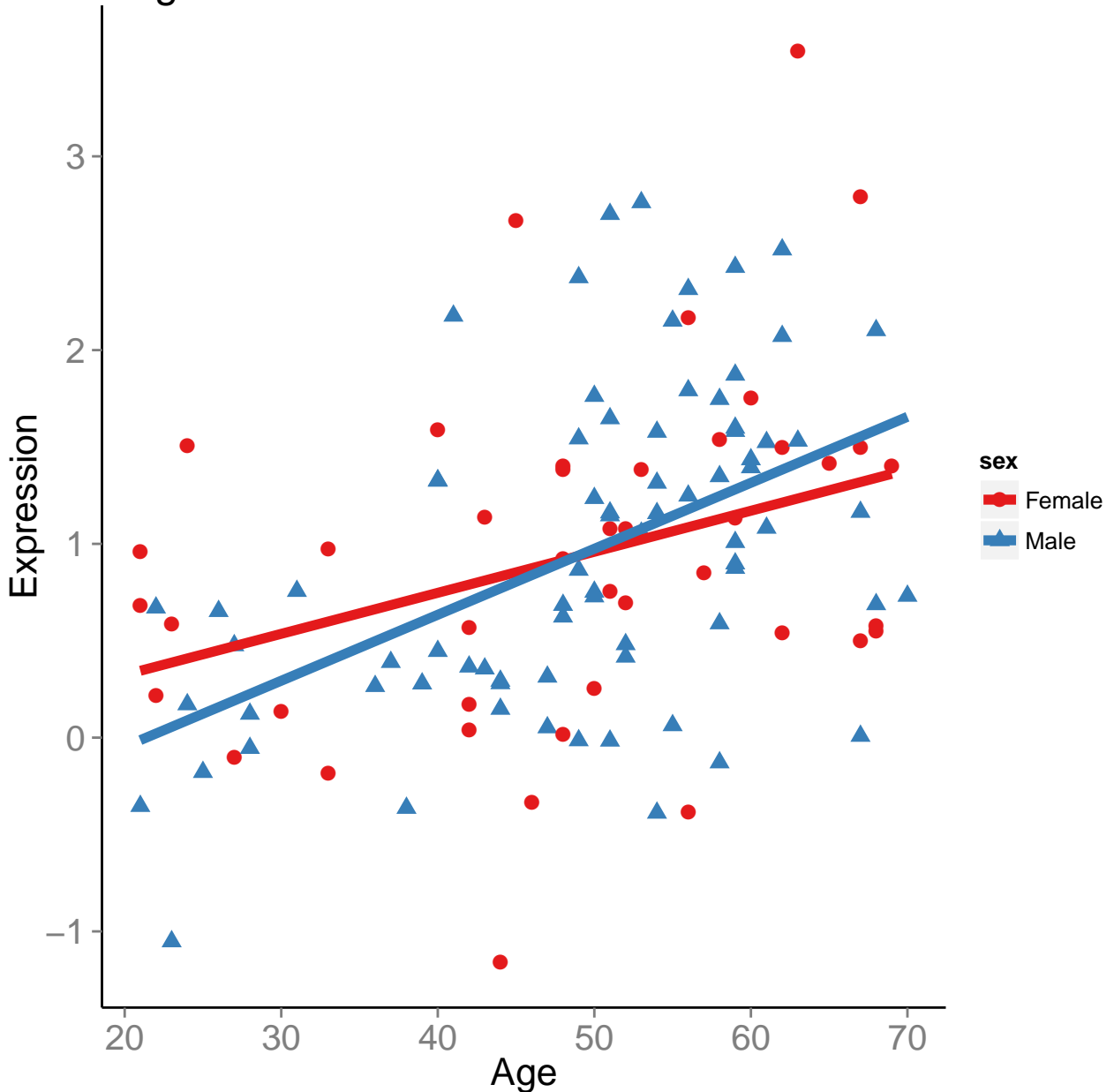
Lung: AC009475.2 Pearson-R=0.44 Pval=7.28E-07



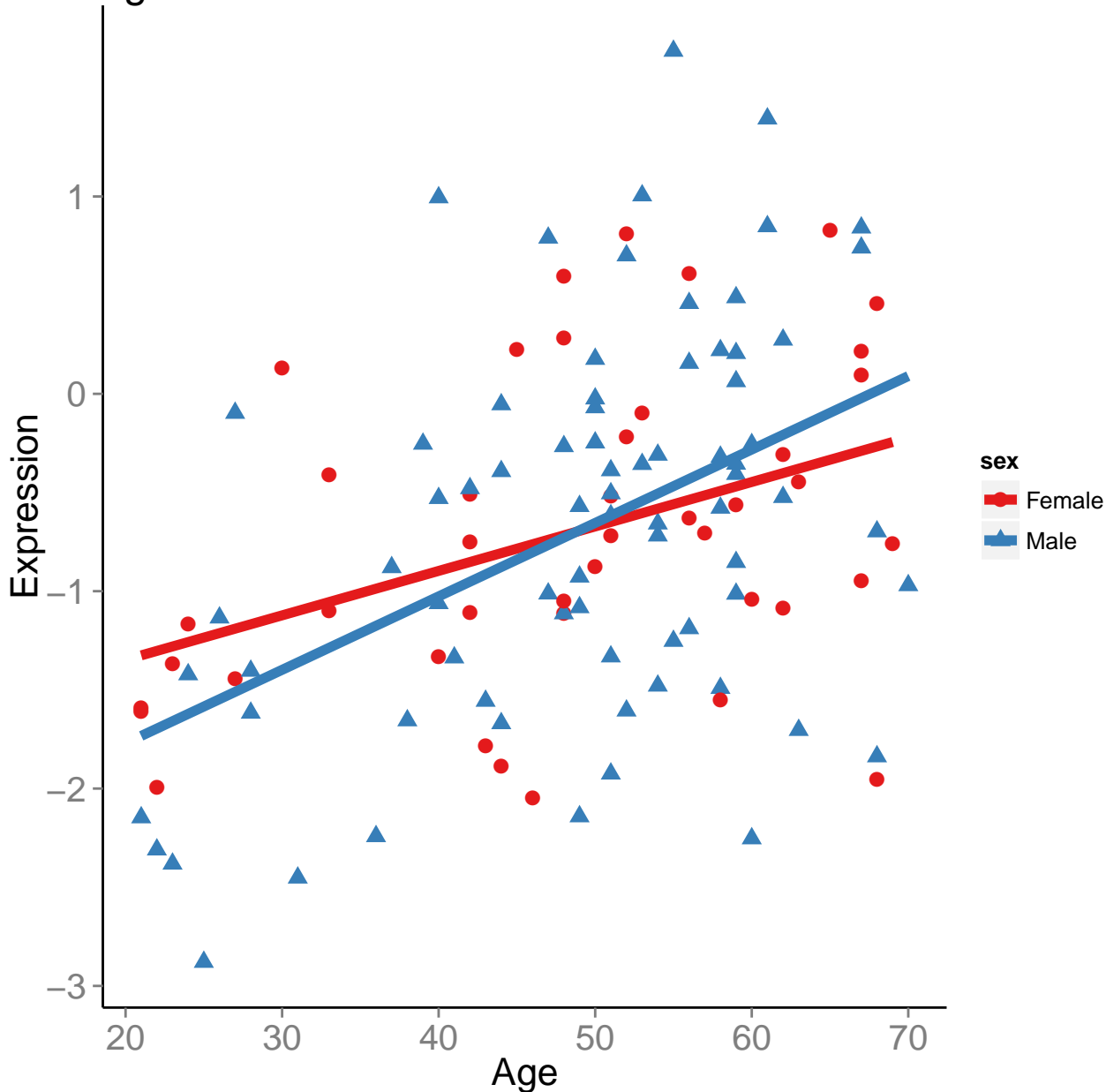
Lung: MFGE8 Pearson-R=0.43 Pval=9.15E-07



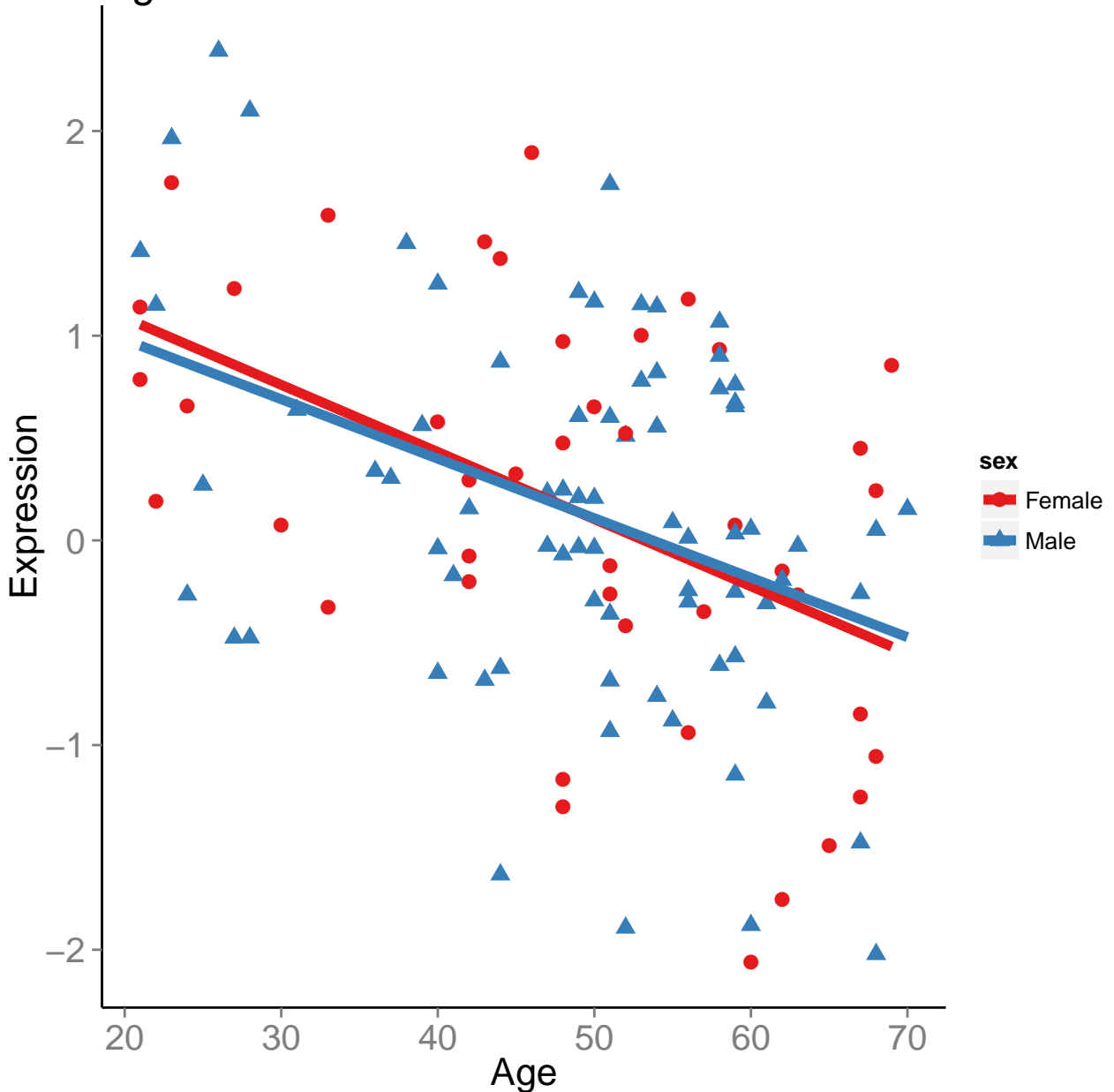
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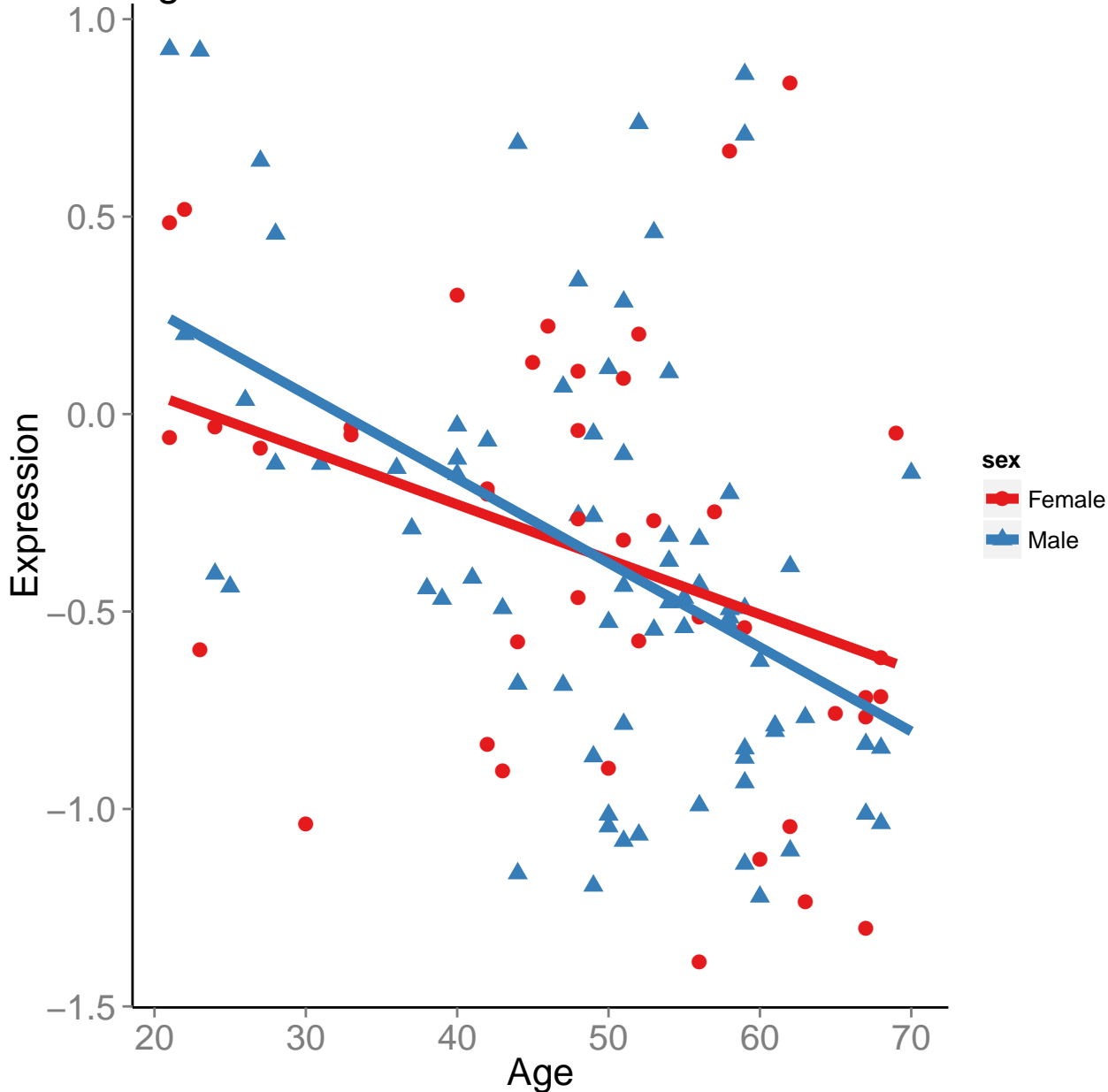
Lung: TMEM130 Pearson-R=0.43 Pval=1.04E-06



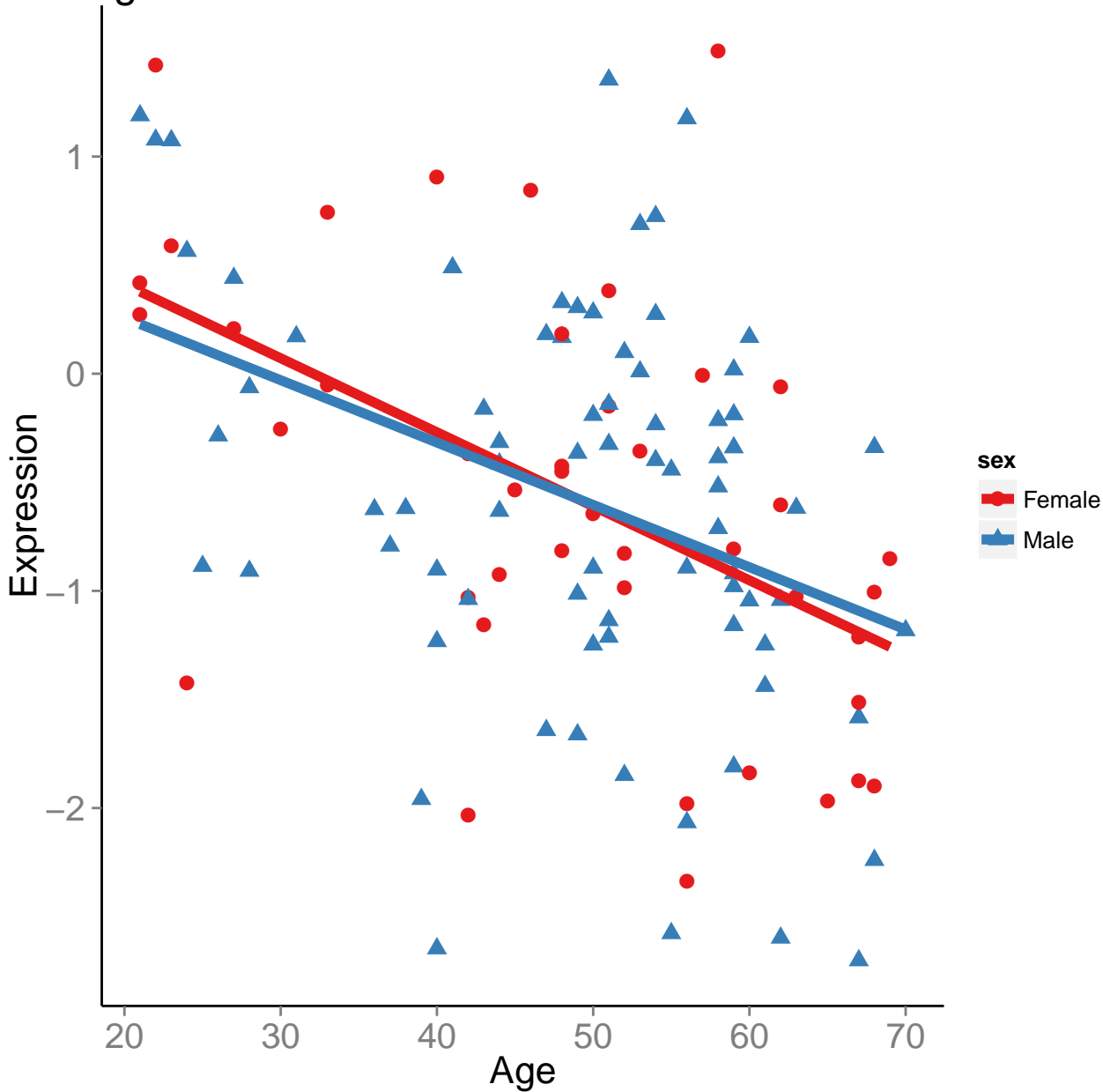
Lung: ZNF710 Pearson-R=-0.43 Pval=1.22E-06



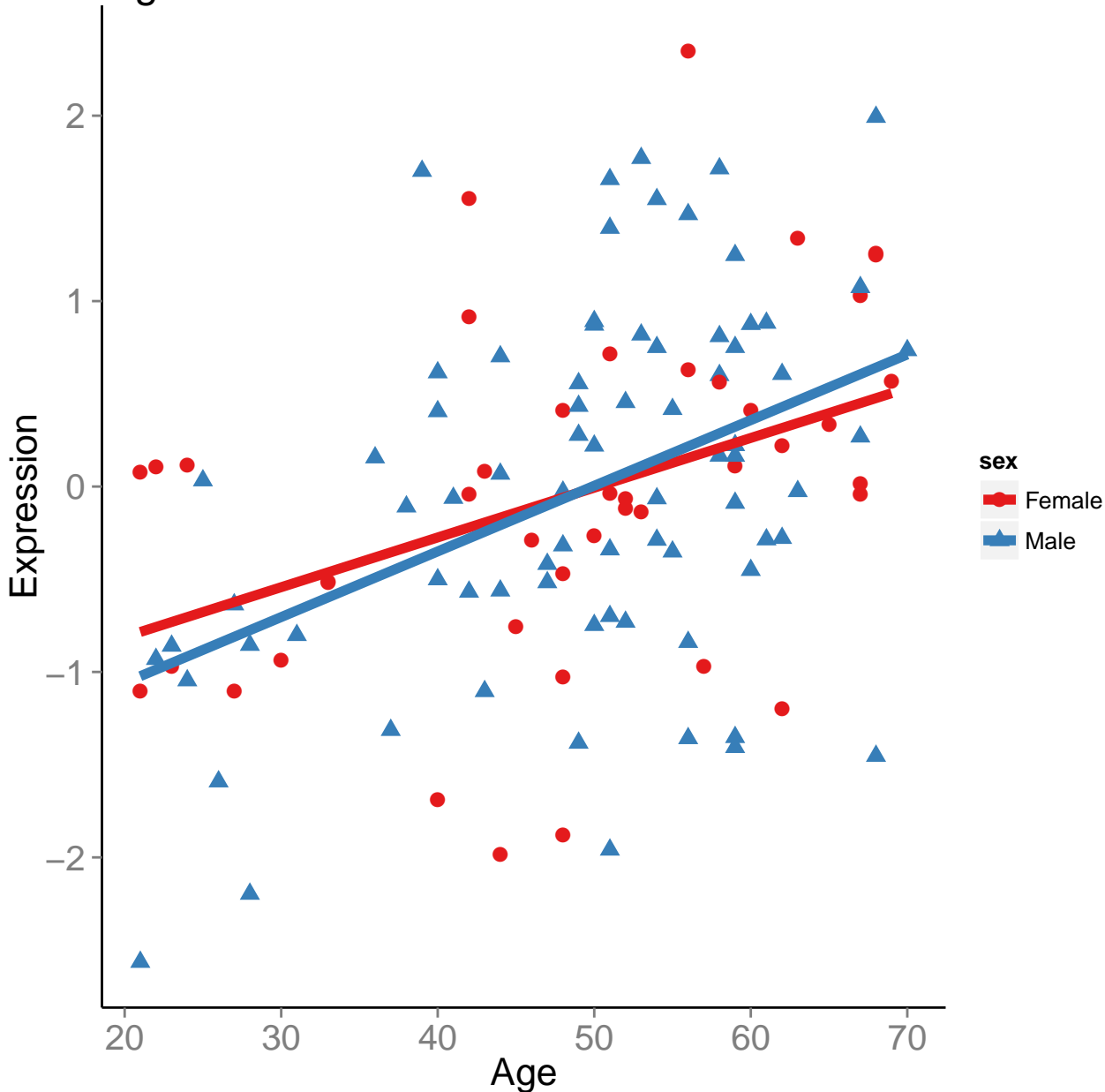
Lung: USP40 Pearson-R=-0.43 Pval=1.25E-06



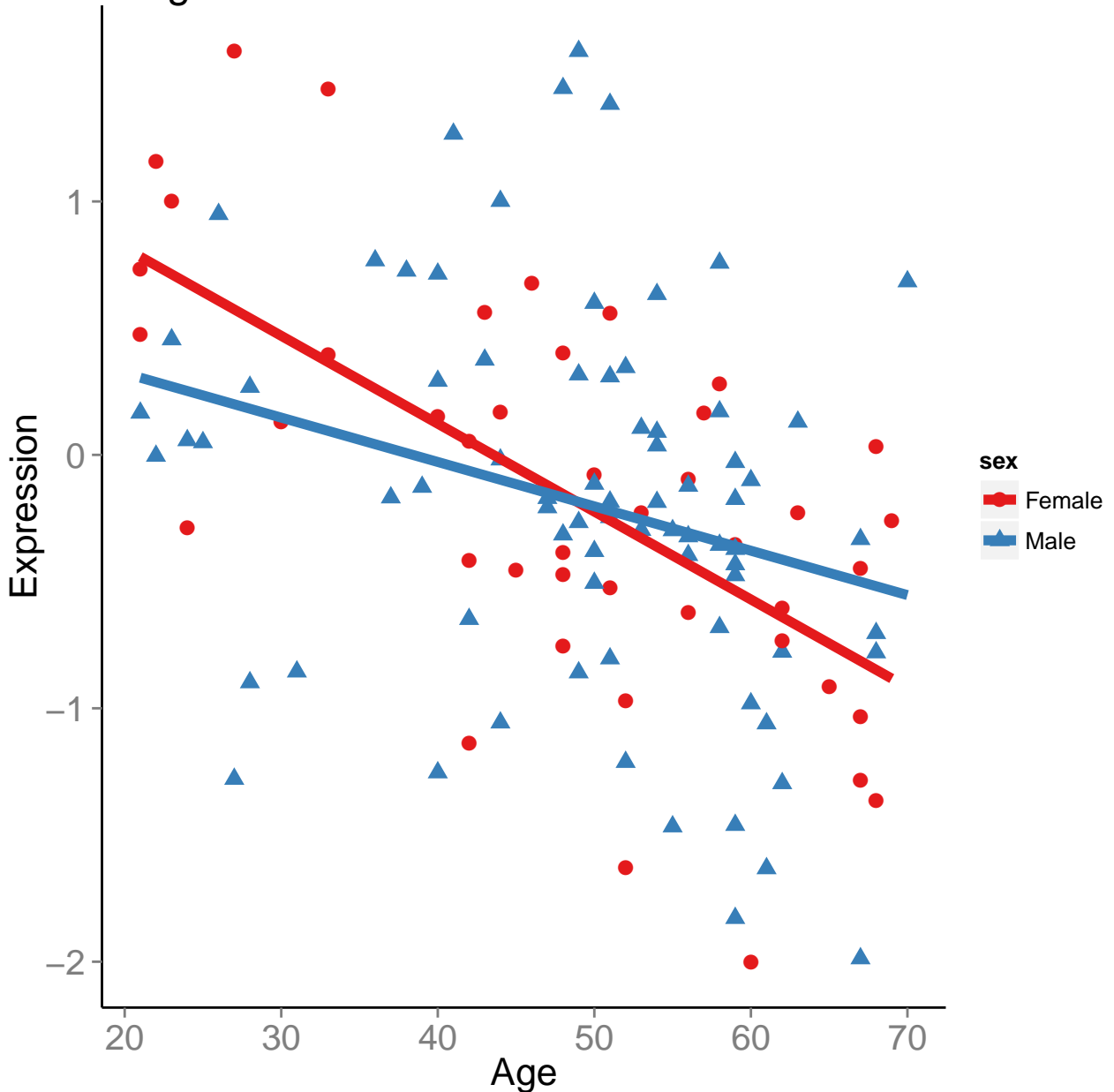
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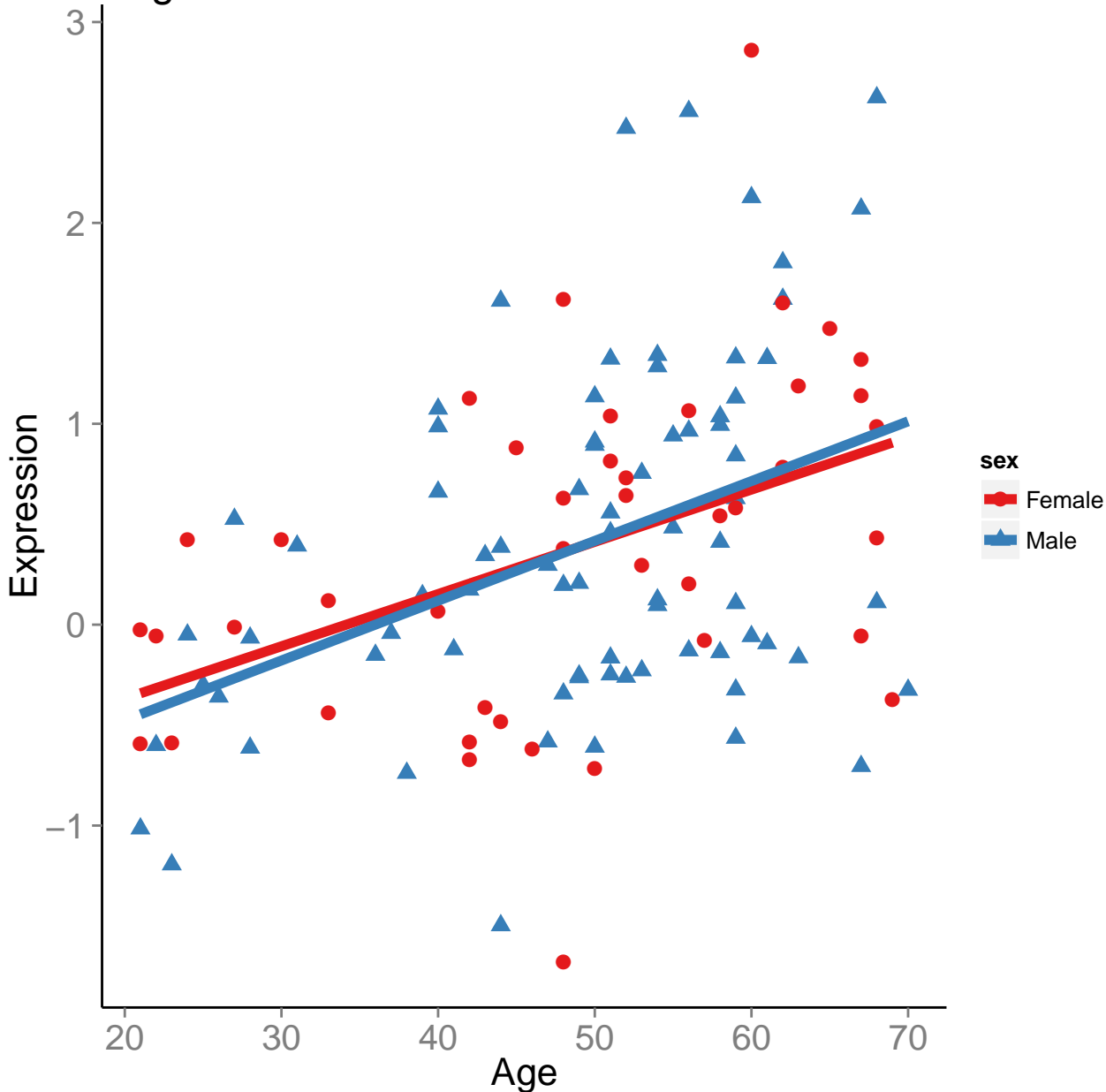
Lung: PCDHB2 Pearson-R=0.42 Pval=1.69E-06



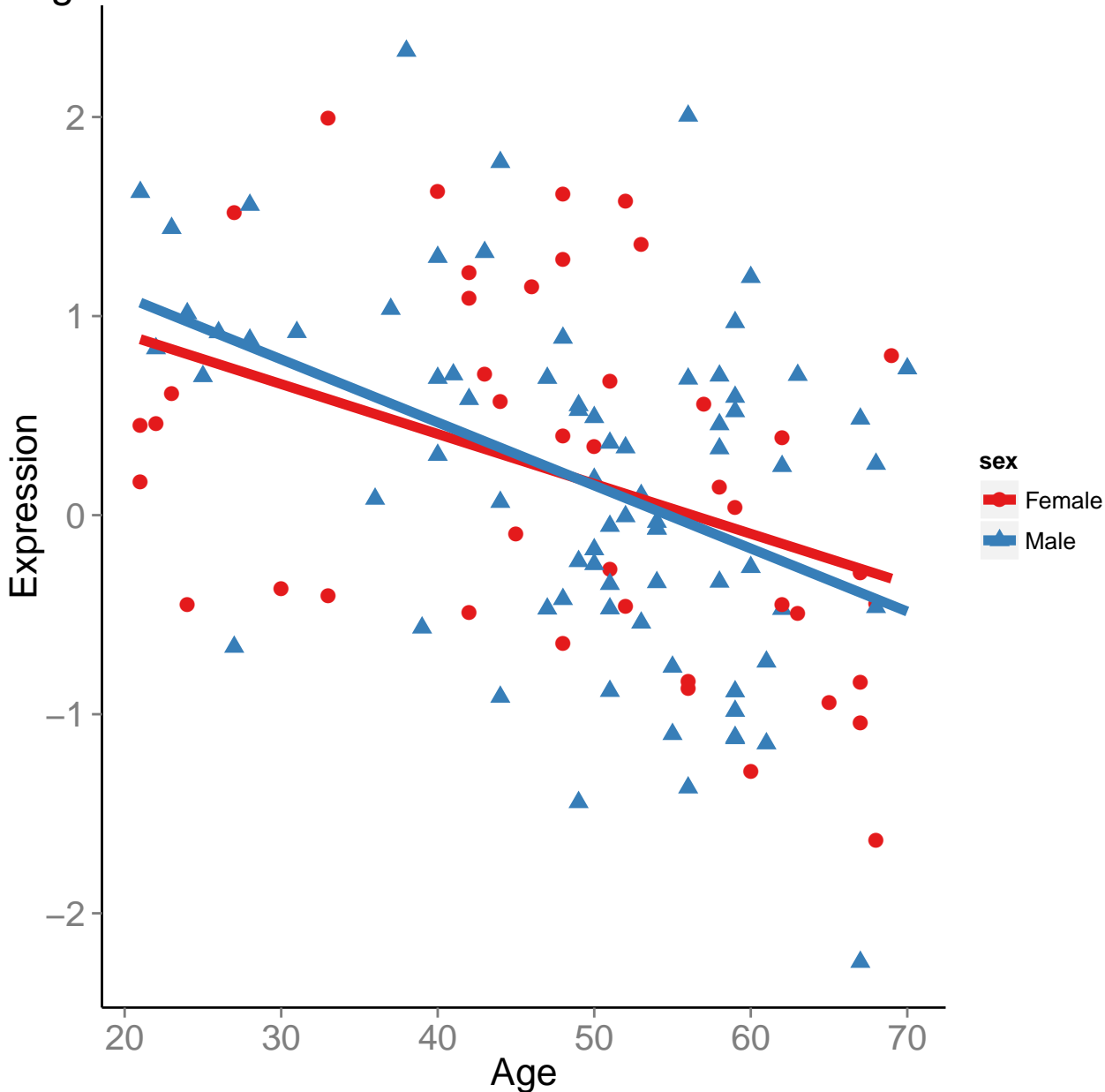
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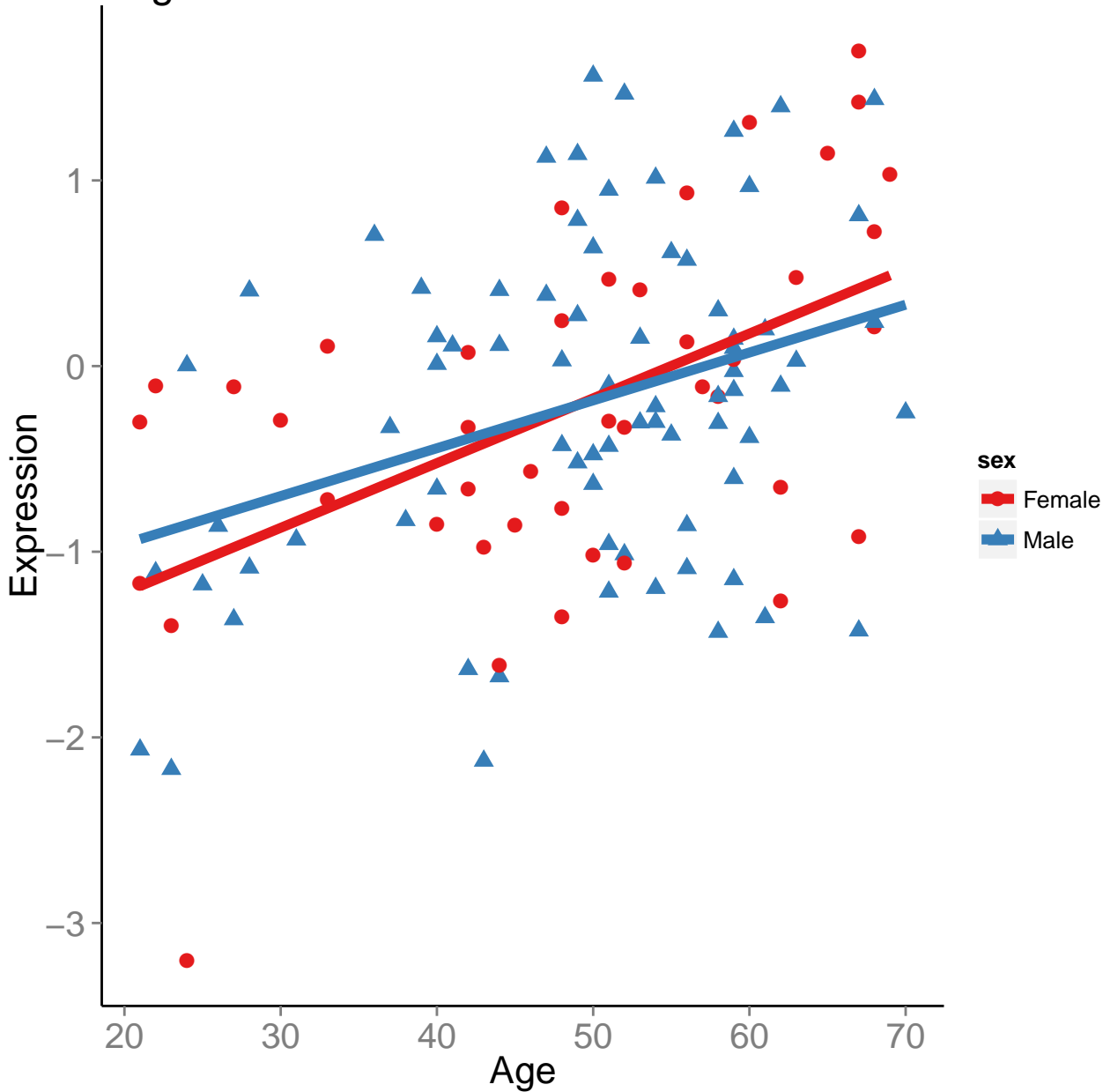
Lung: EFHD1 Pearson-R=0.42 Pval=1.62E-06



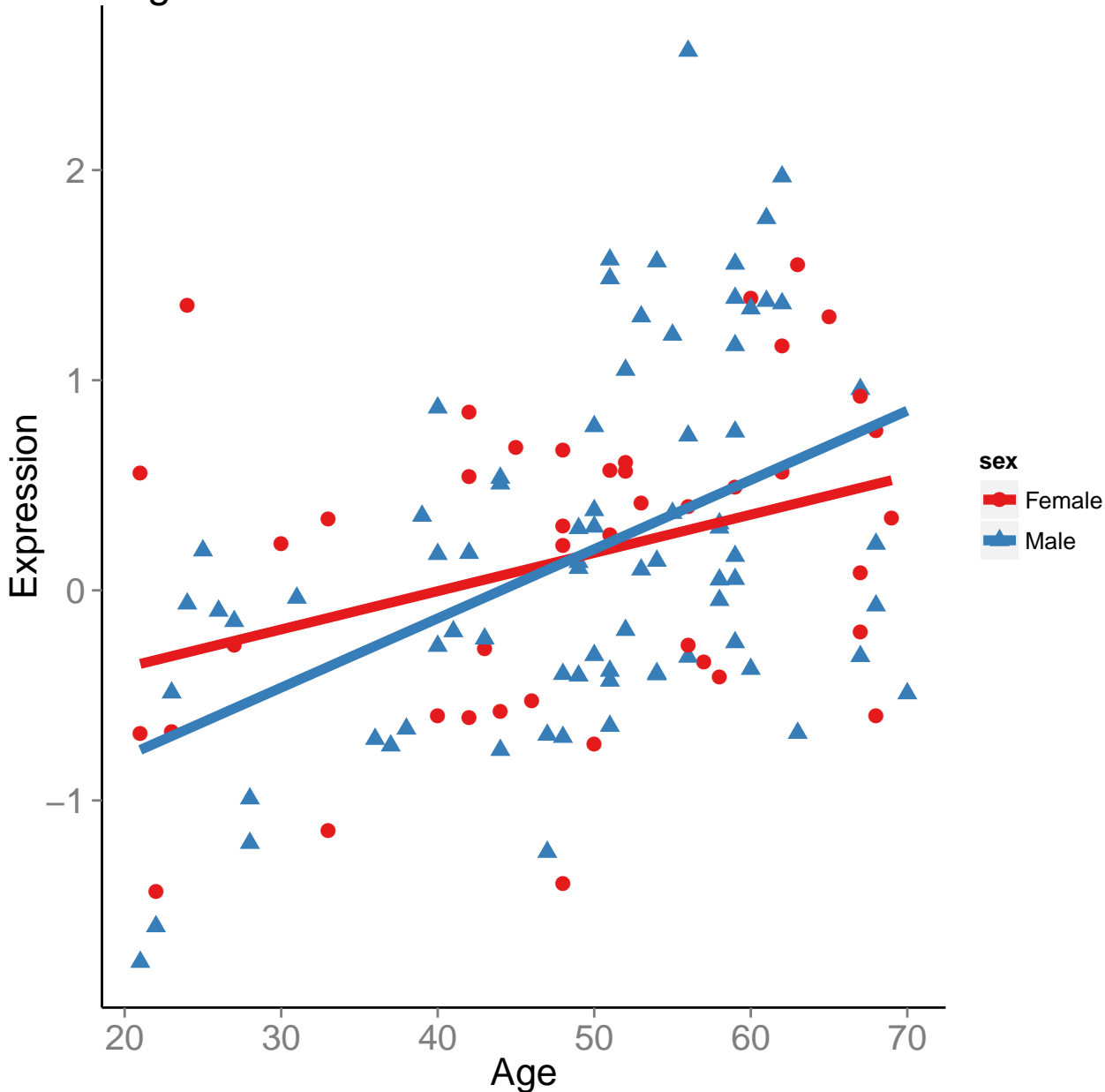
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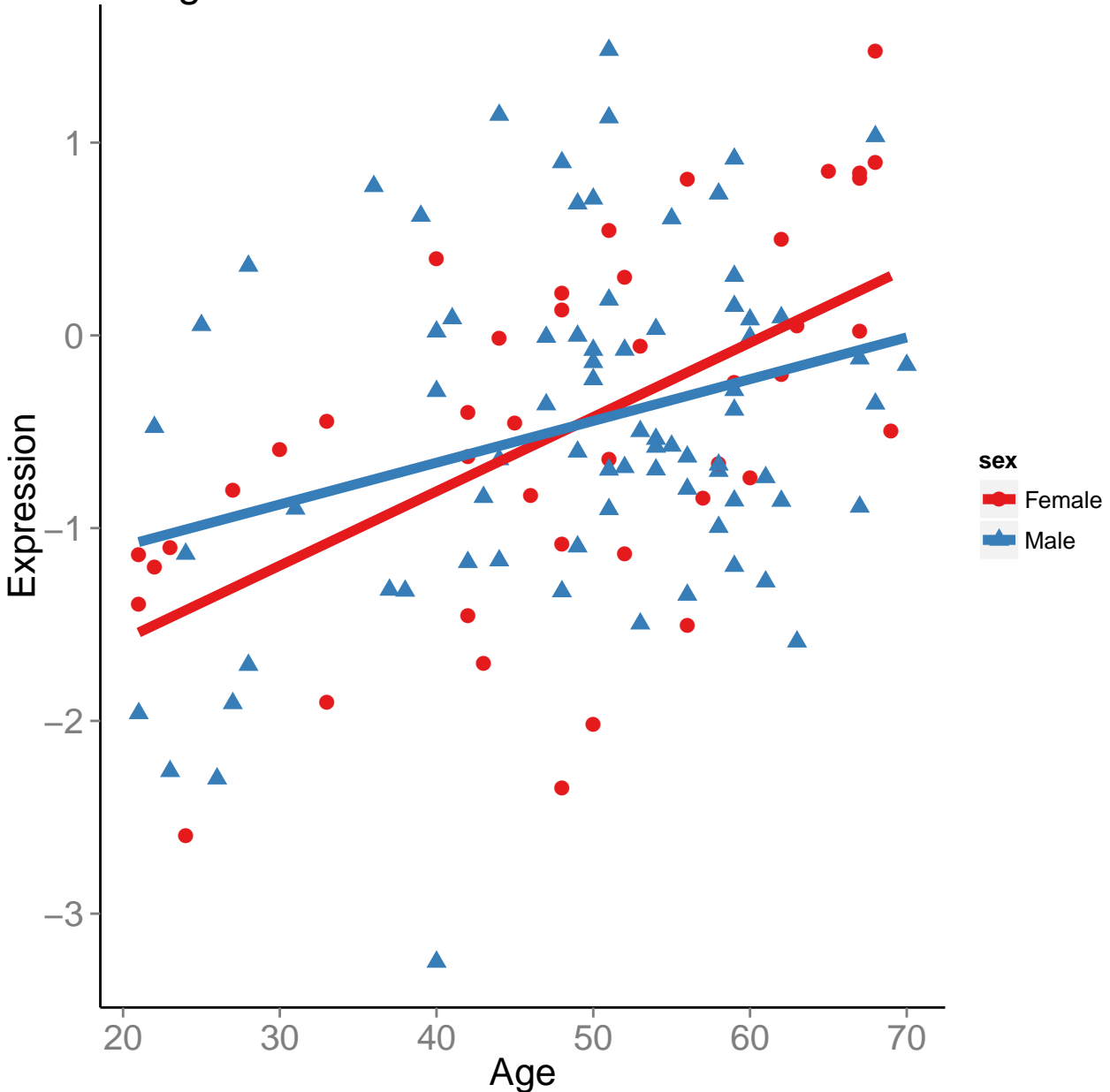
Lung: PDE1A Pearson-R=0.42 Pval=1.79E-06



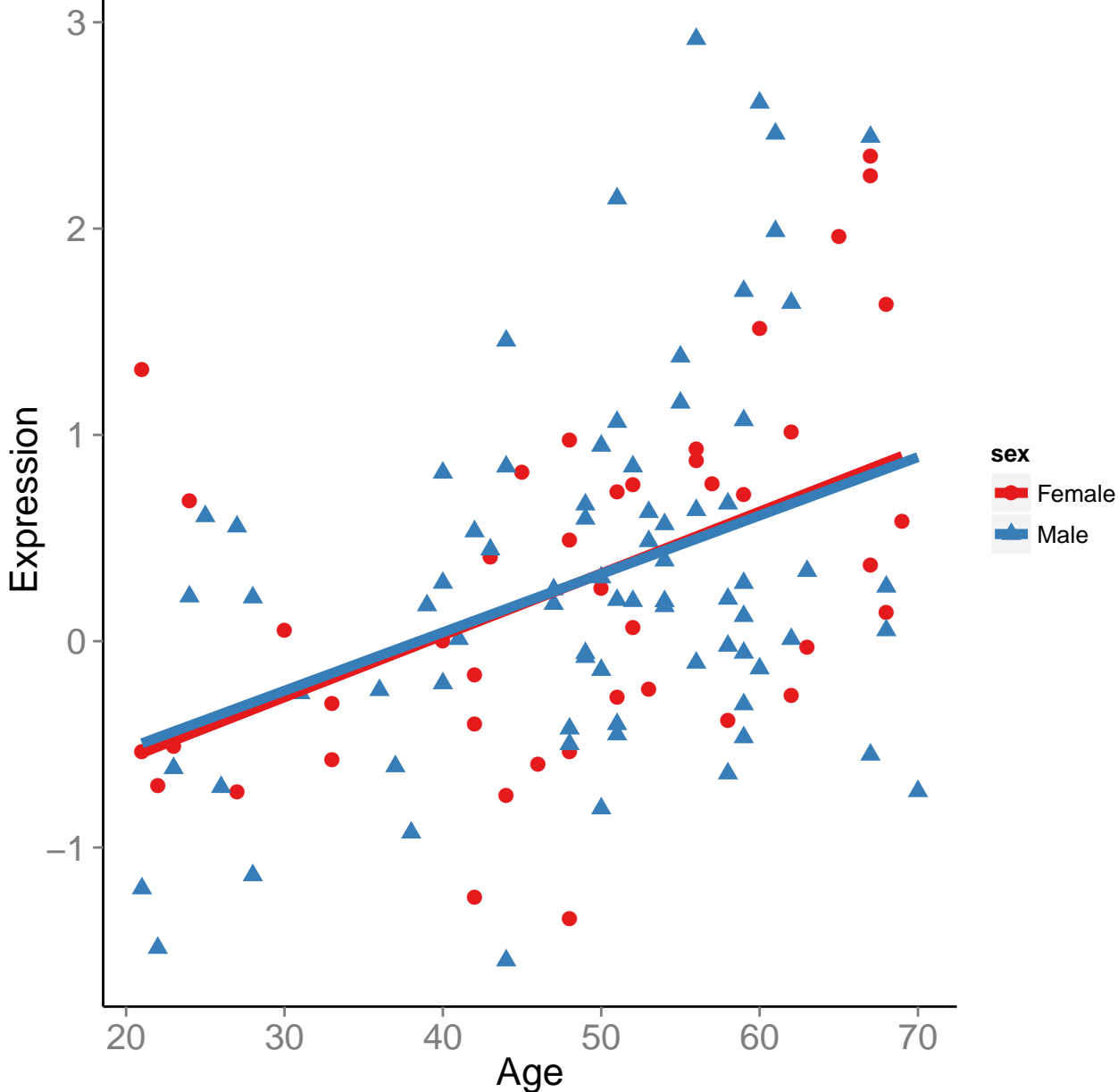
Lung: NEGR1 Pearson-R=0.42 Pval=2.19E-06



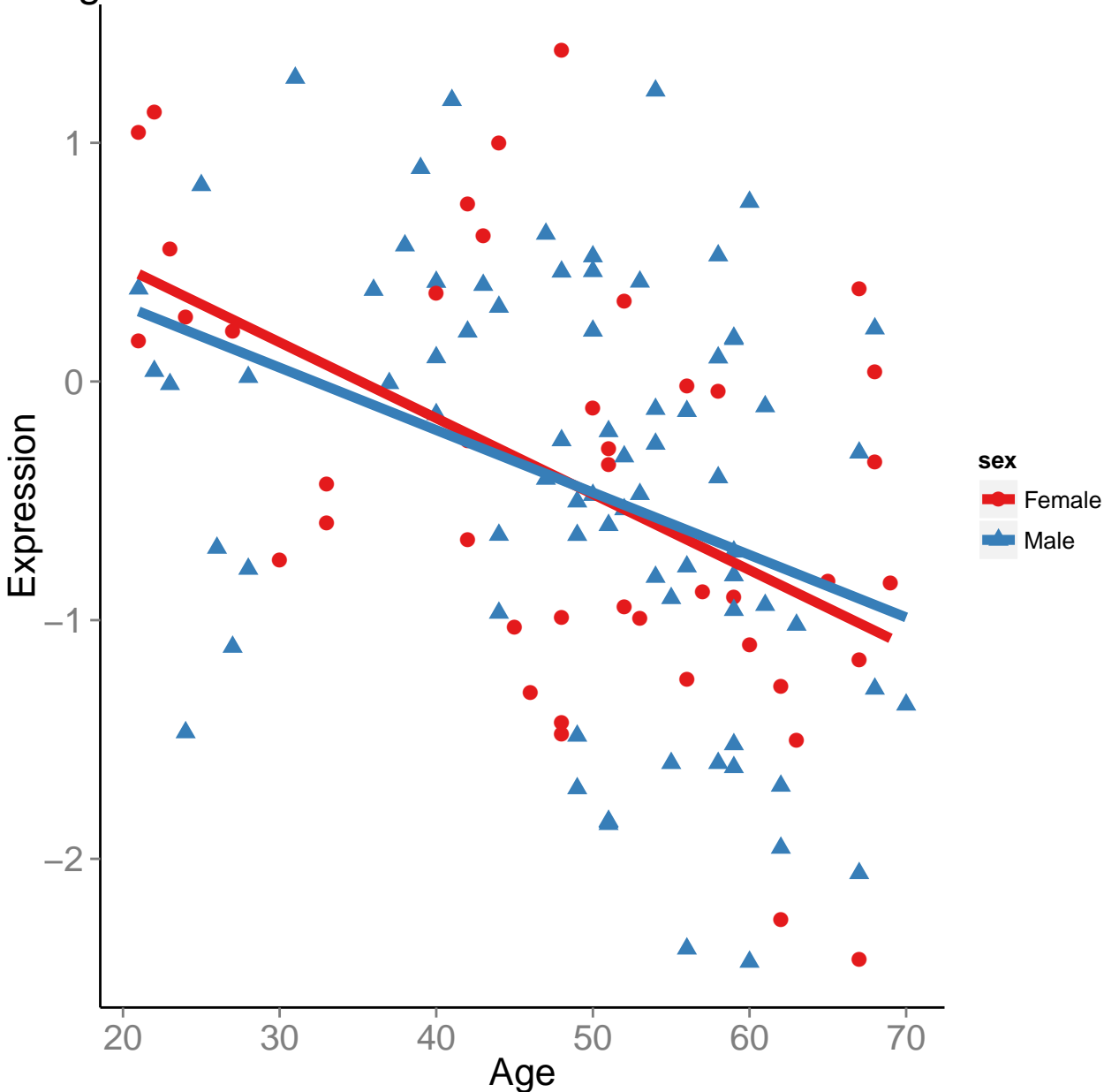
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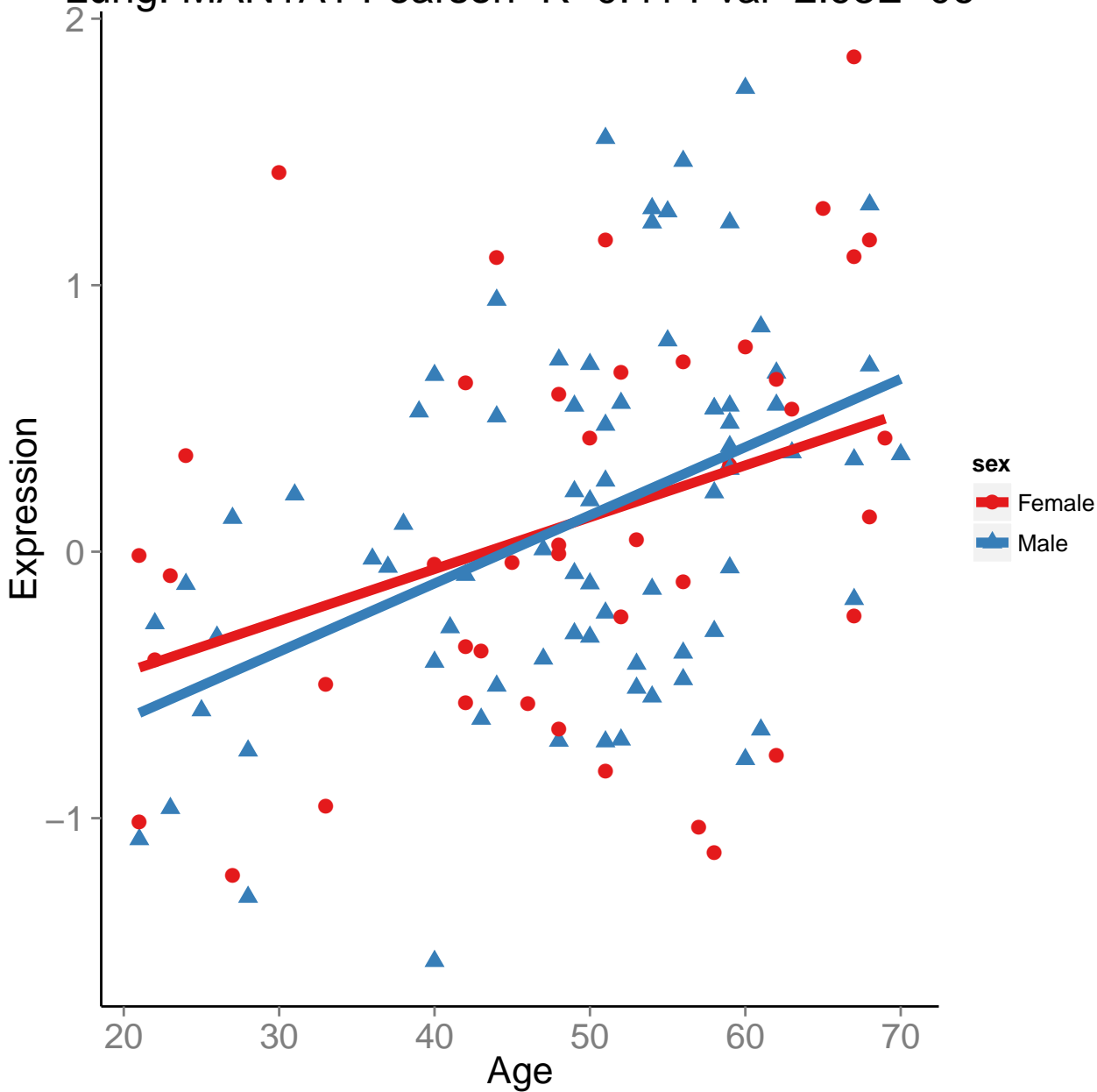
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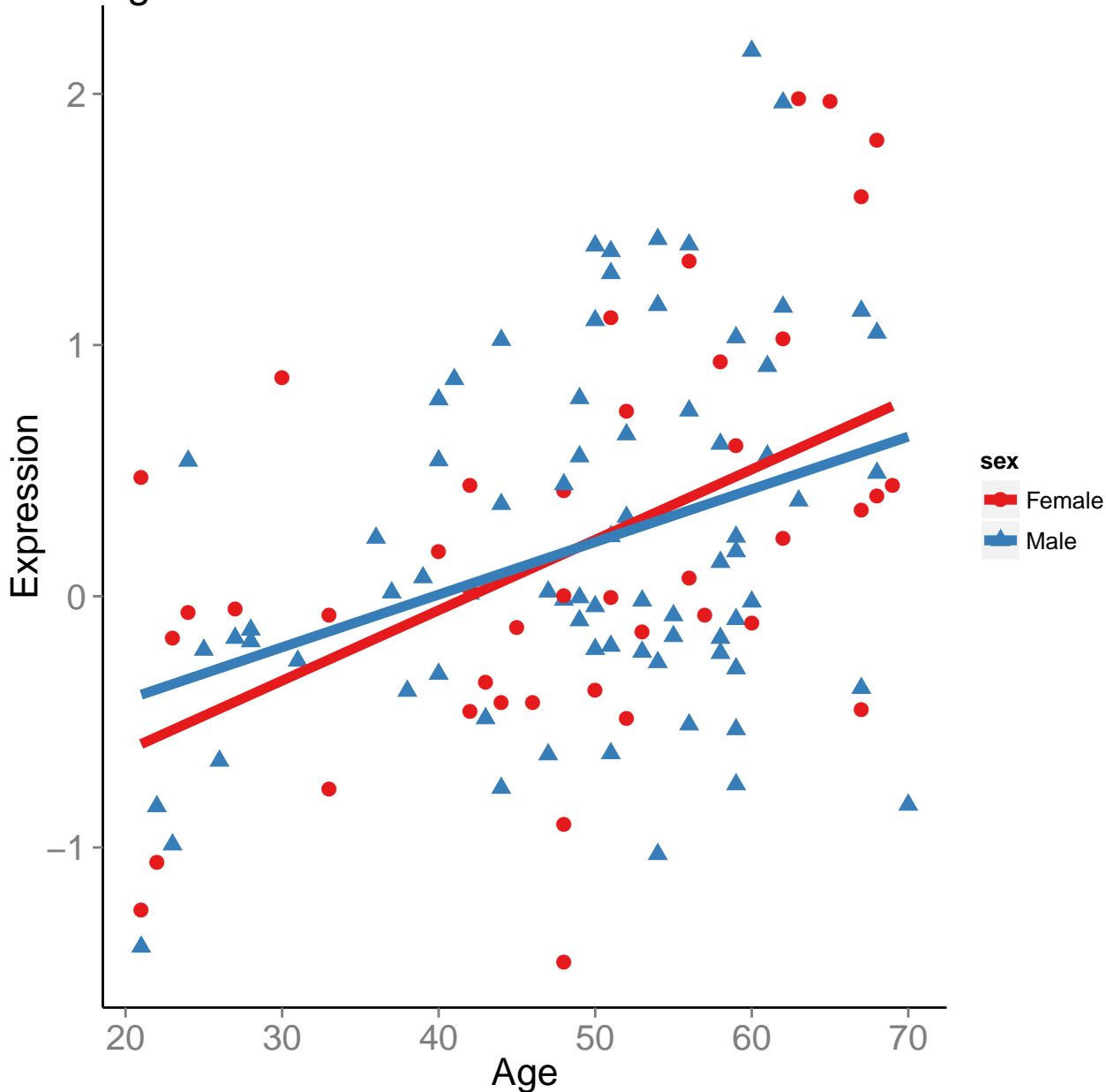
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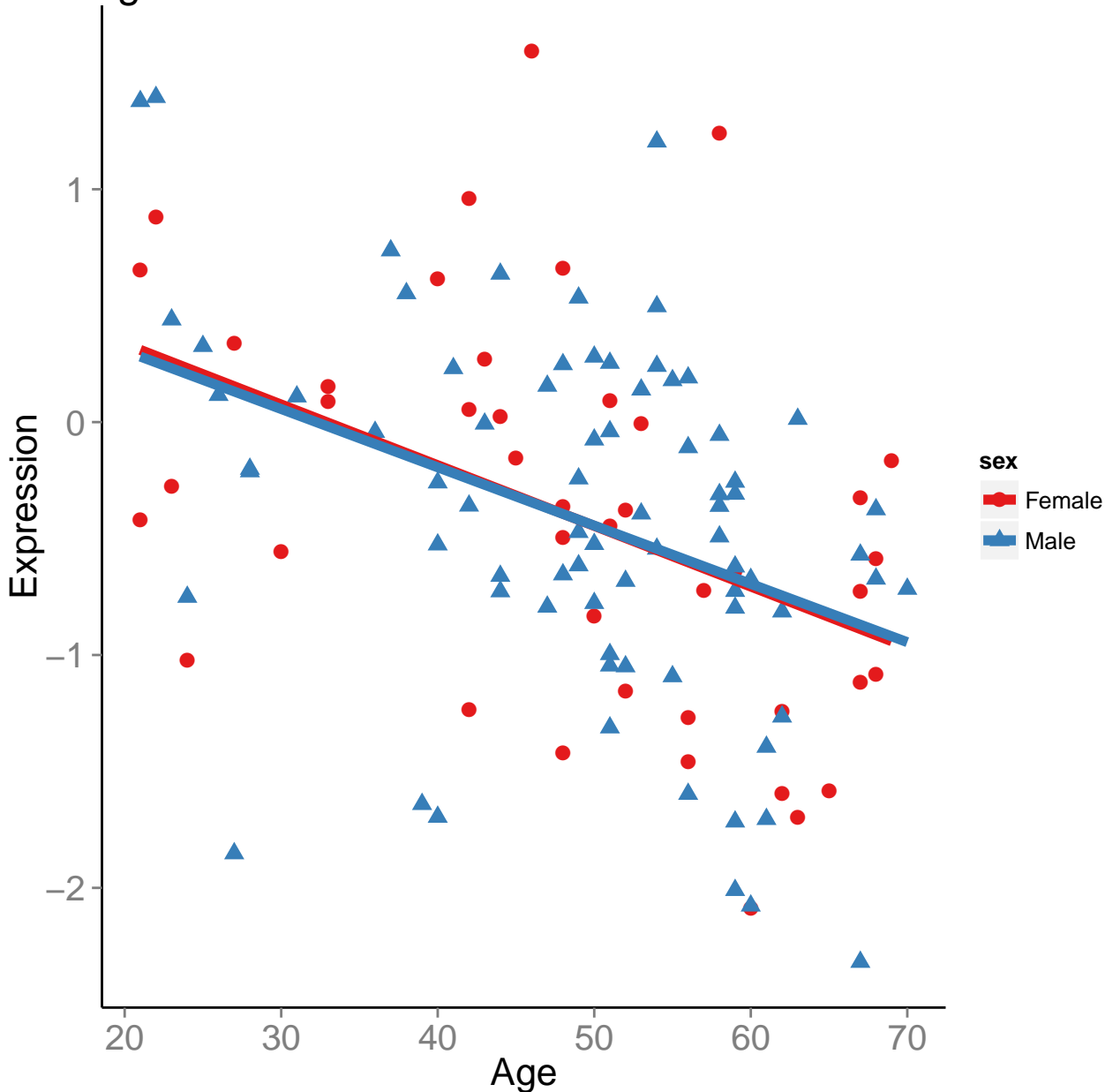
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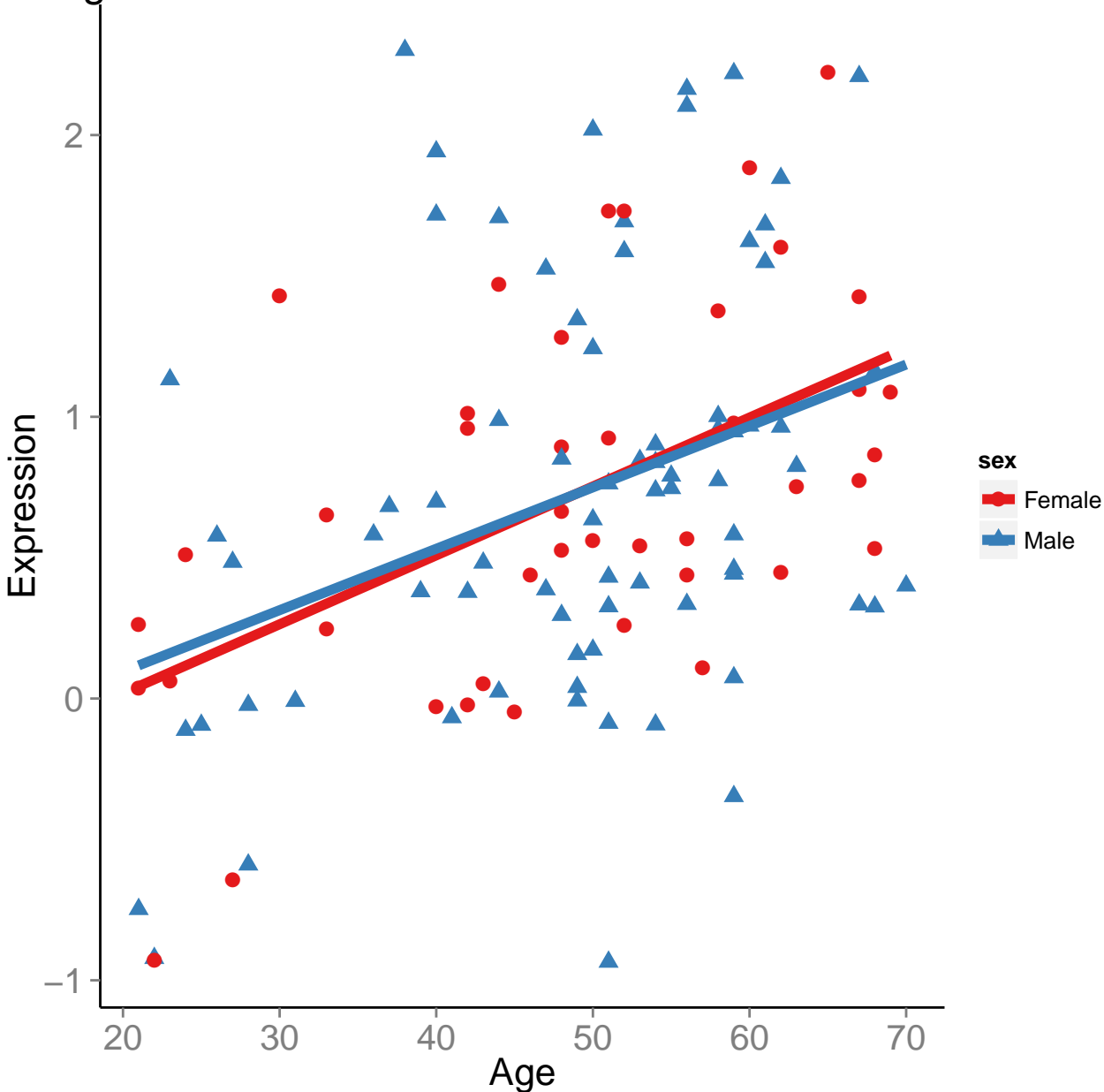
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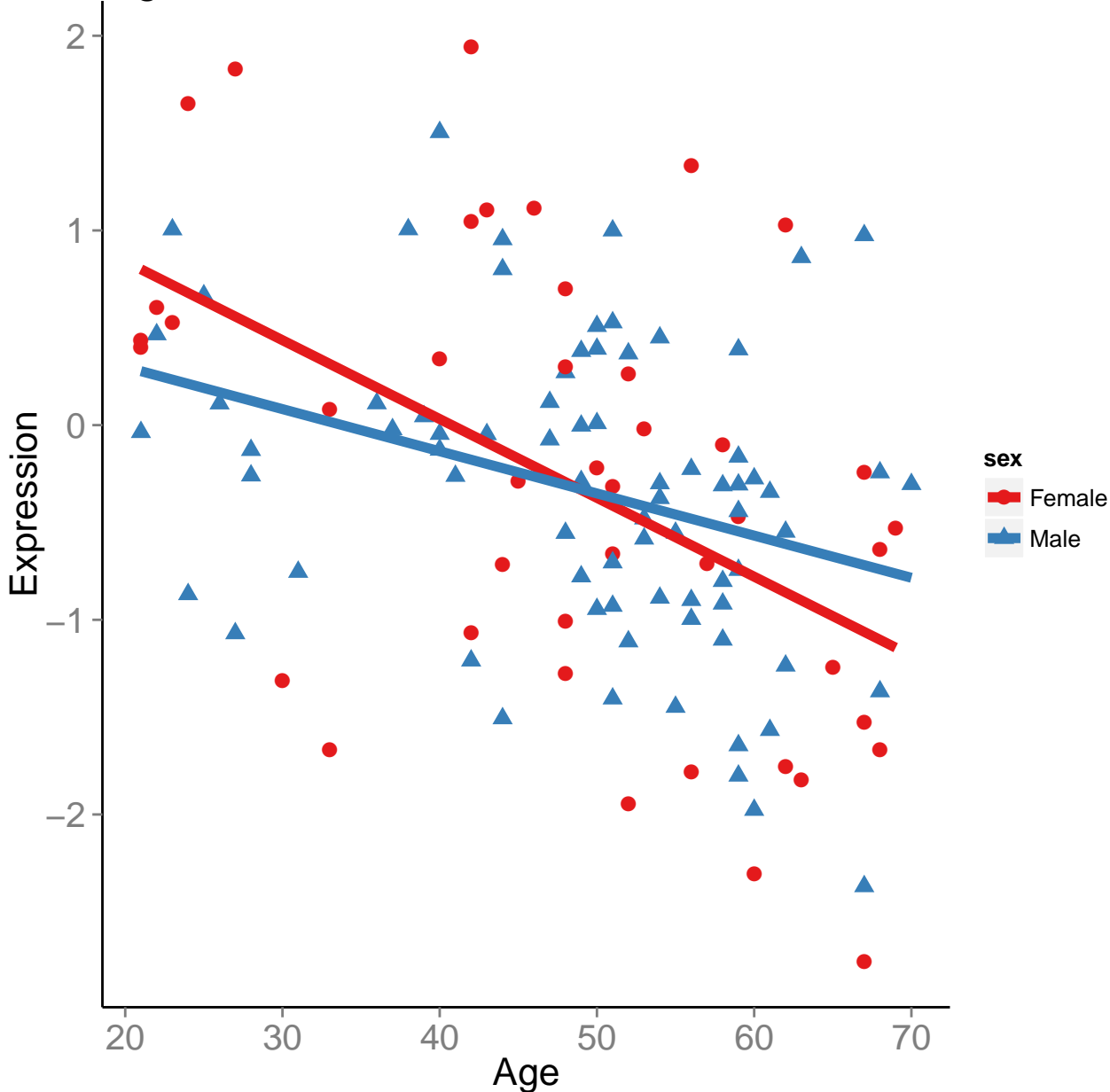
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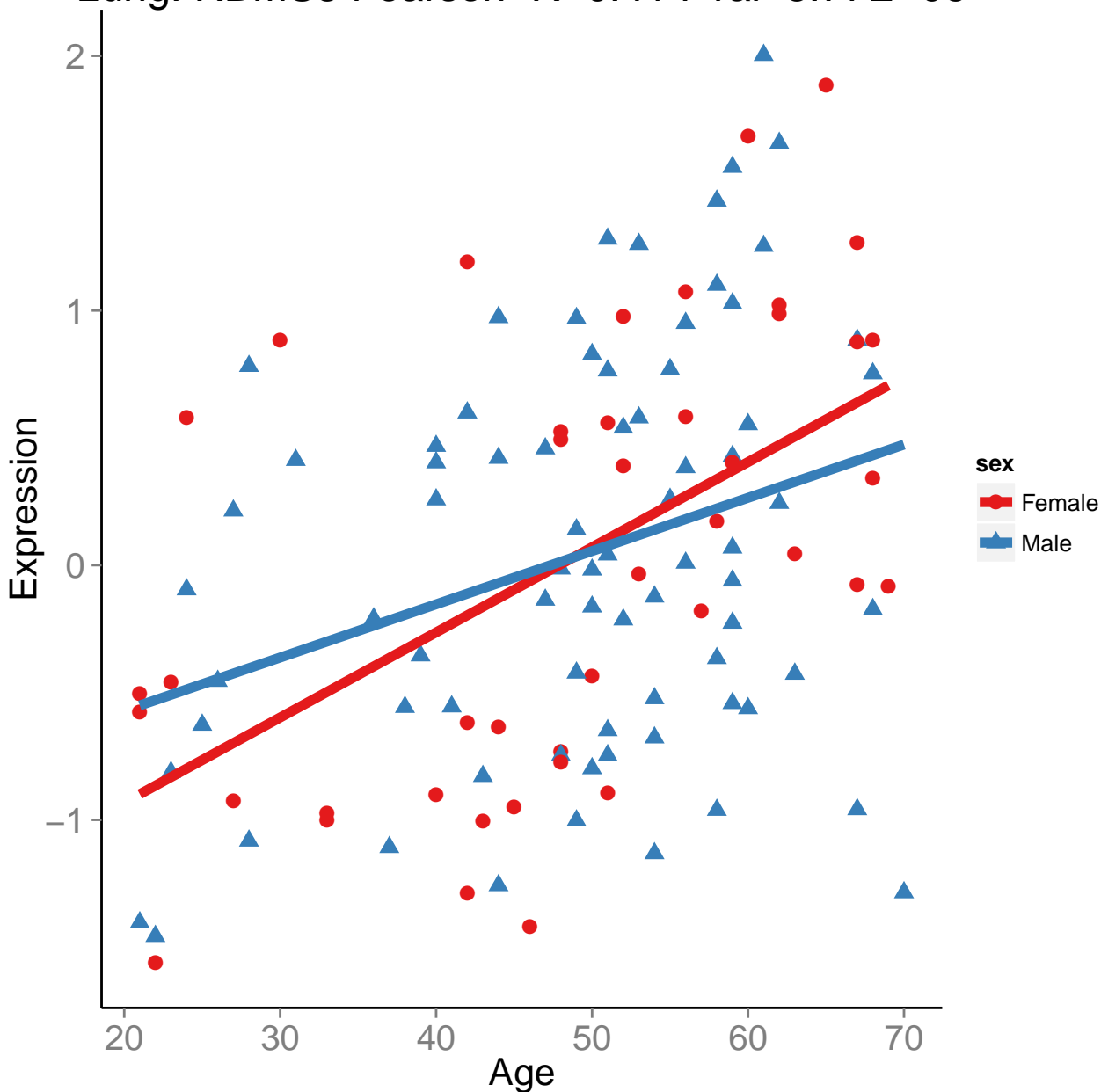
Lung: RP11-761I4.1 Pearson-R=0.41 Pval=3.43E-06



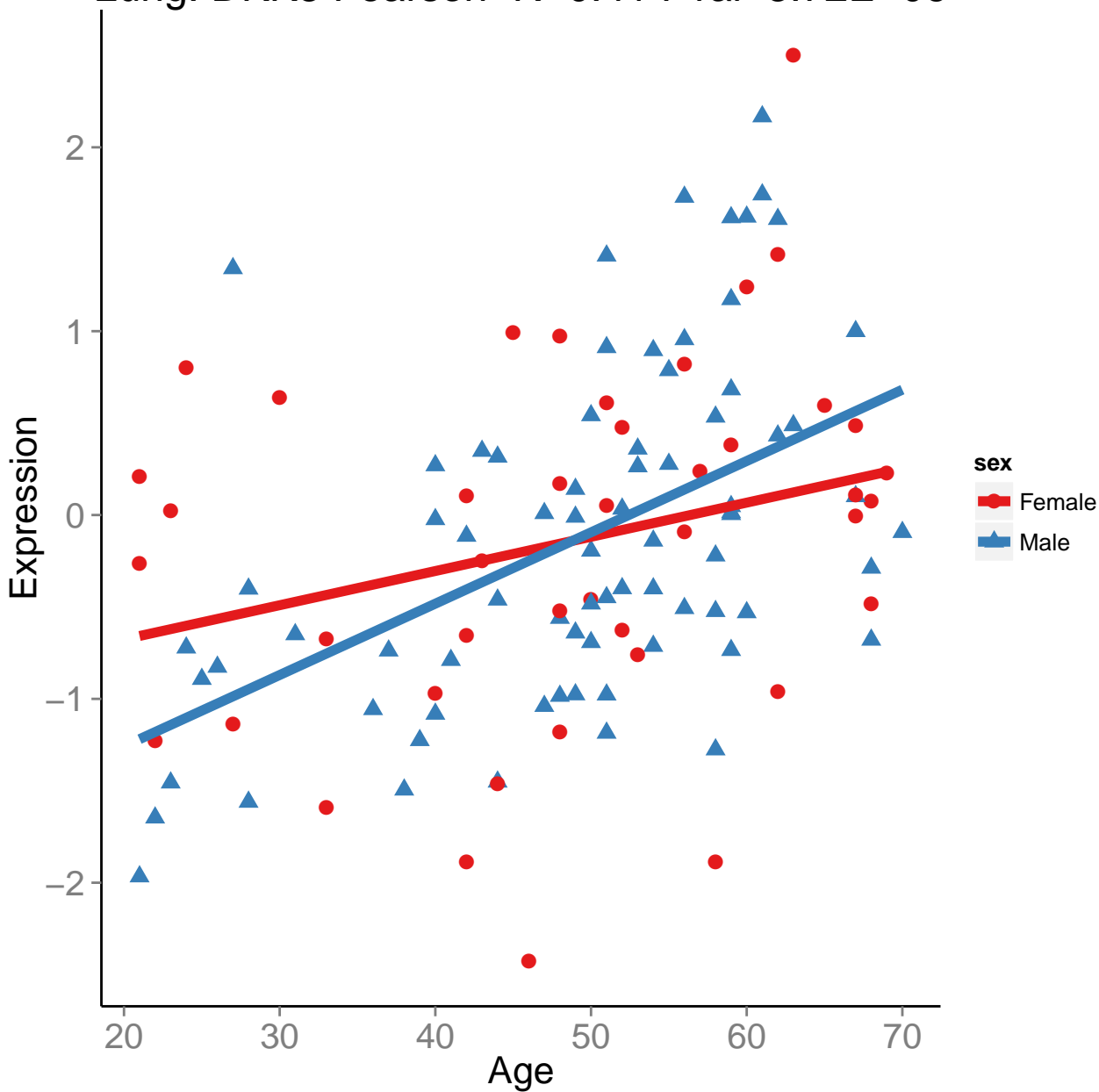
Lung: MMP15 Pearson-R=-0.41 Pval=3.40E-06



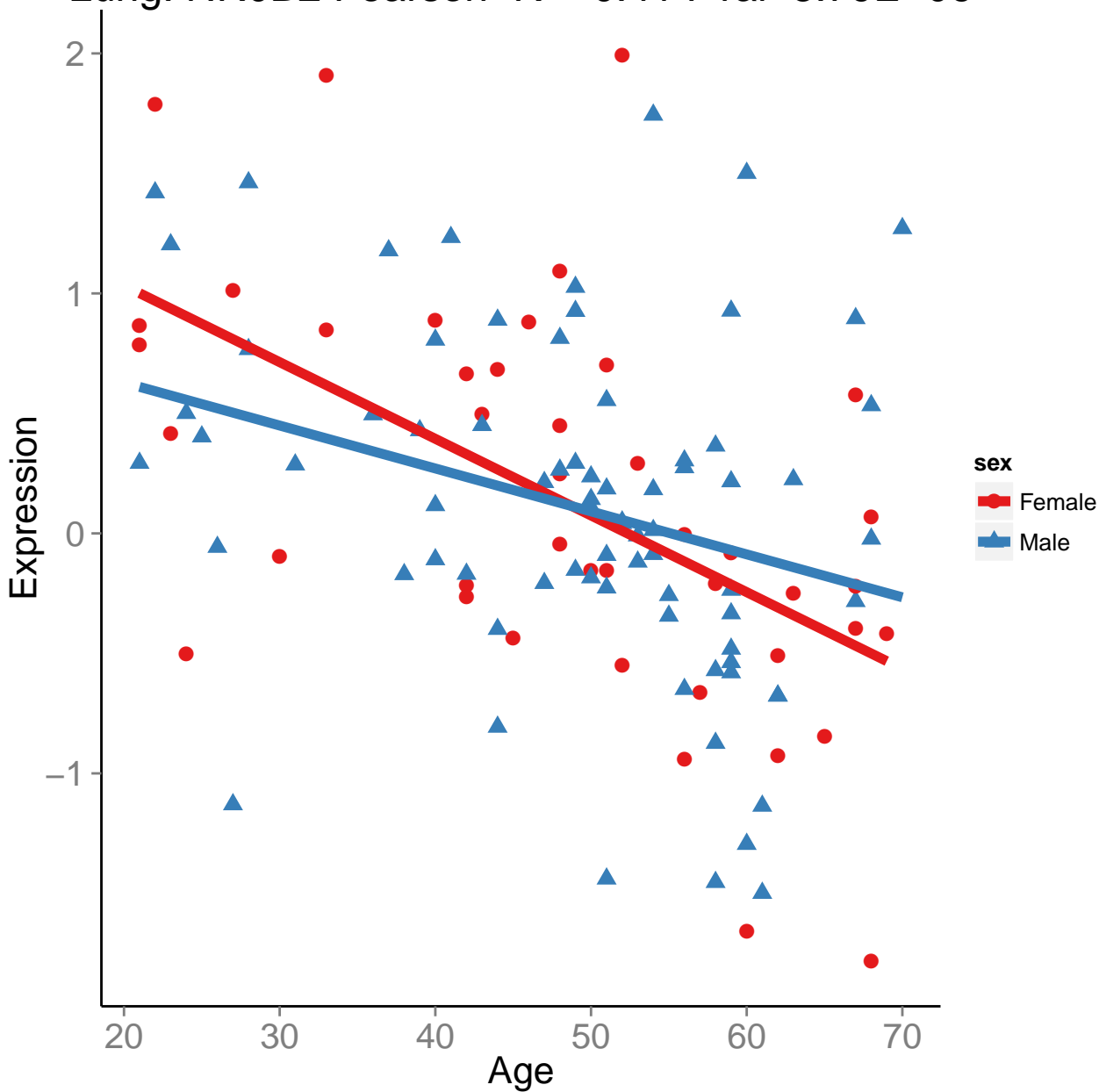
Lung: RBMS3 Pearson-R=0.41 Pval=3.77E-06



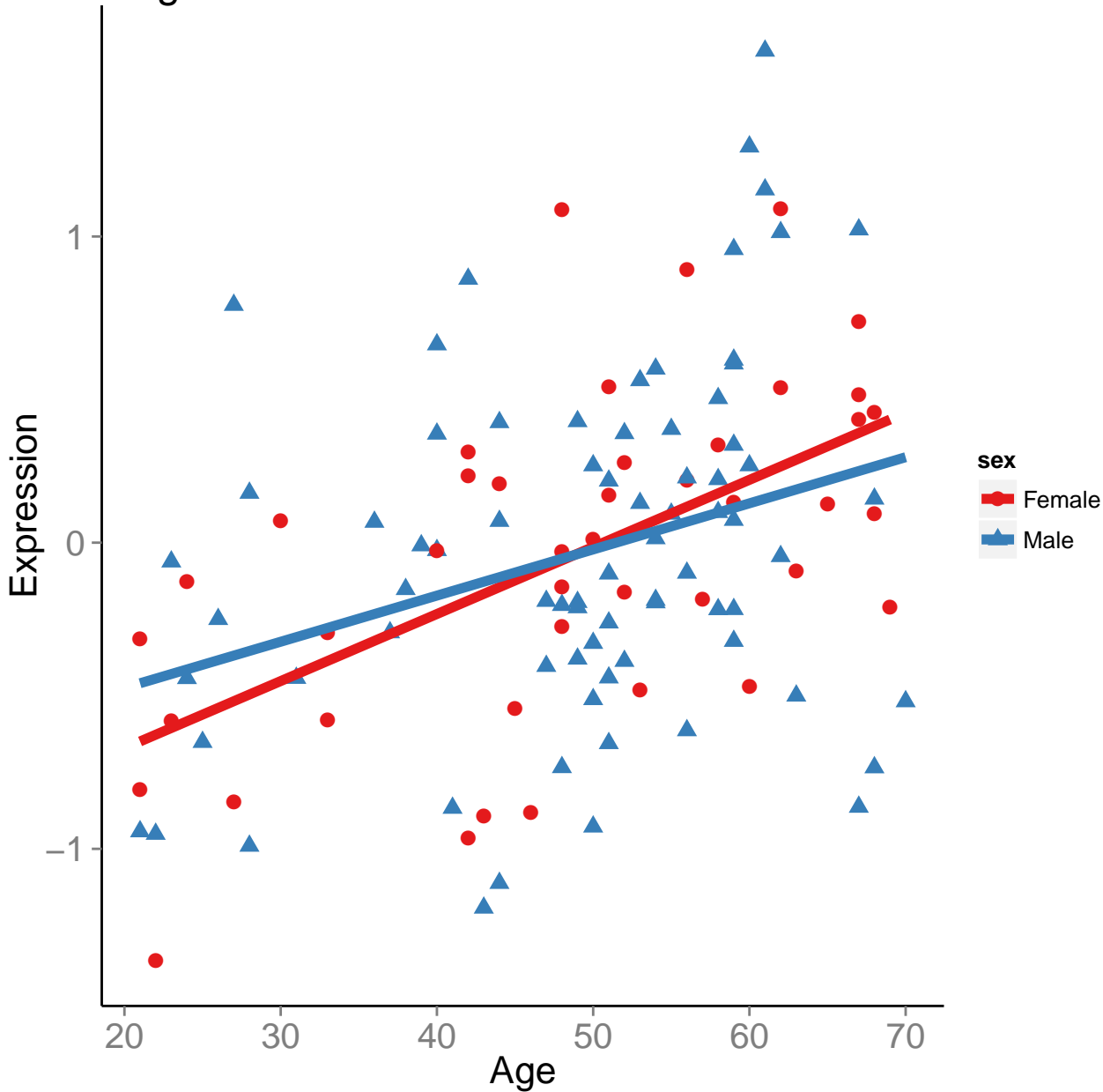
Lung: DKK3 Pearson-R=0.41 Pval=3.72E-06



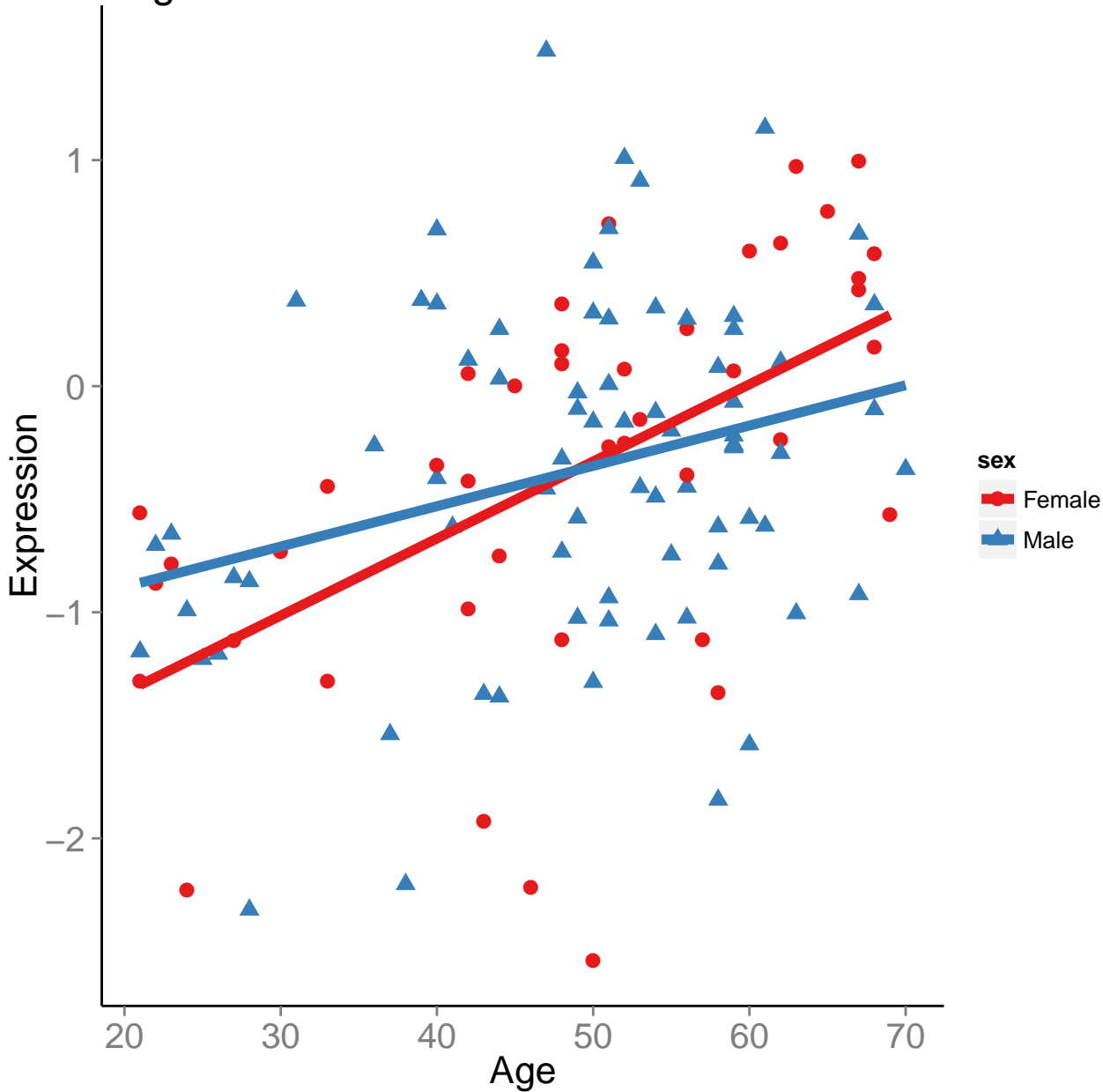
Lung: NR0B2 Pearson-R=-0.41 Pval=3.79E-06



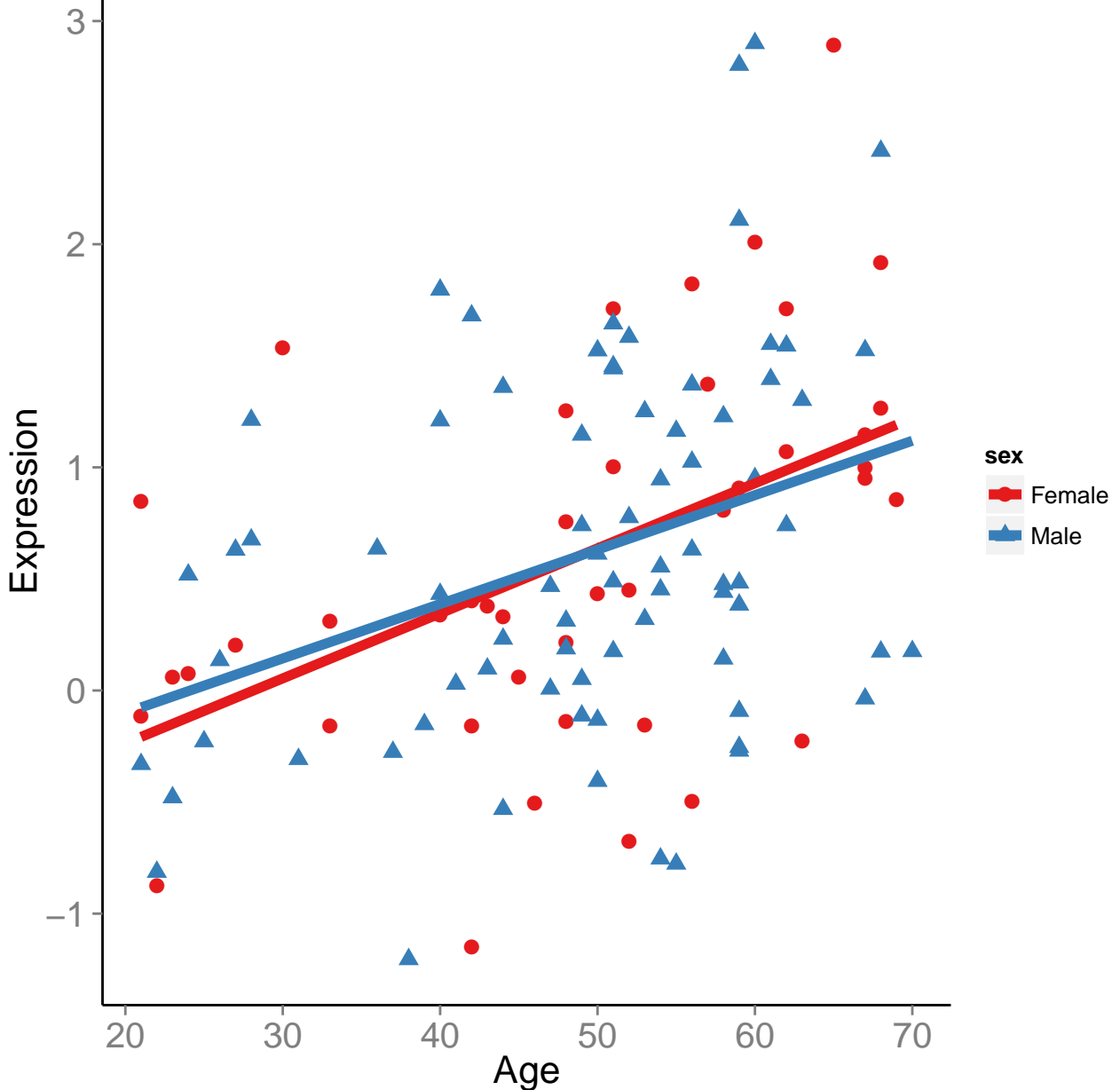
Lung: ZFP90 Pearson-R=0.41 Pval=3.94E-06



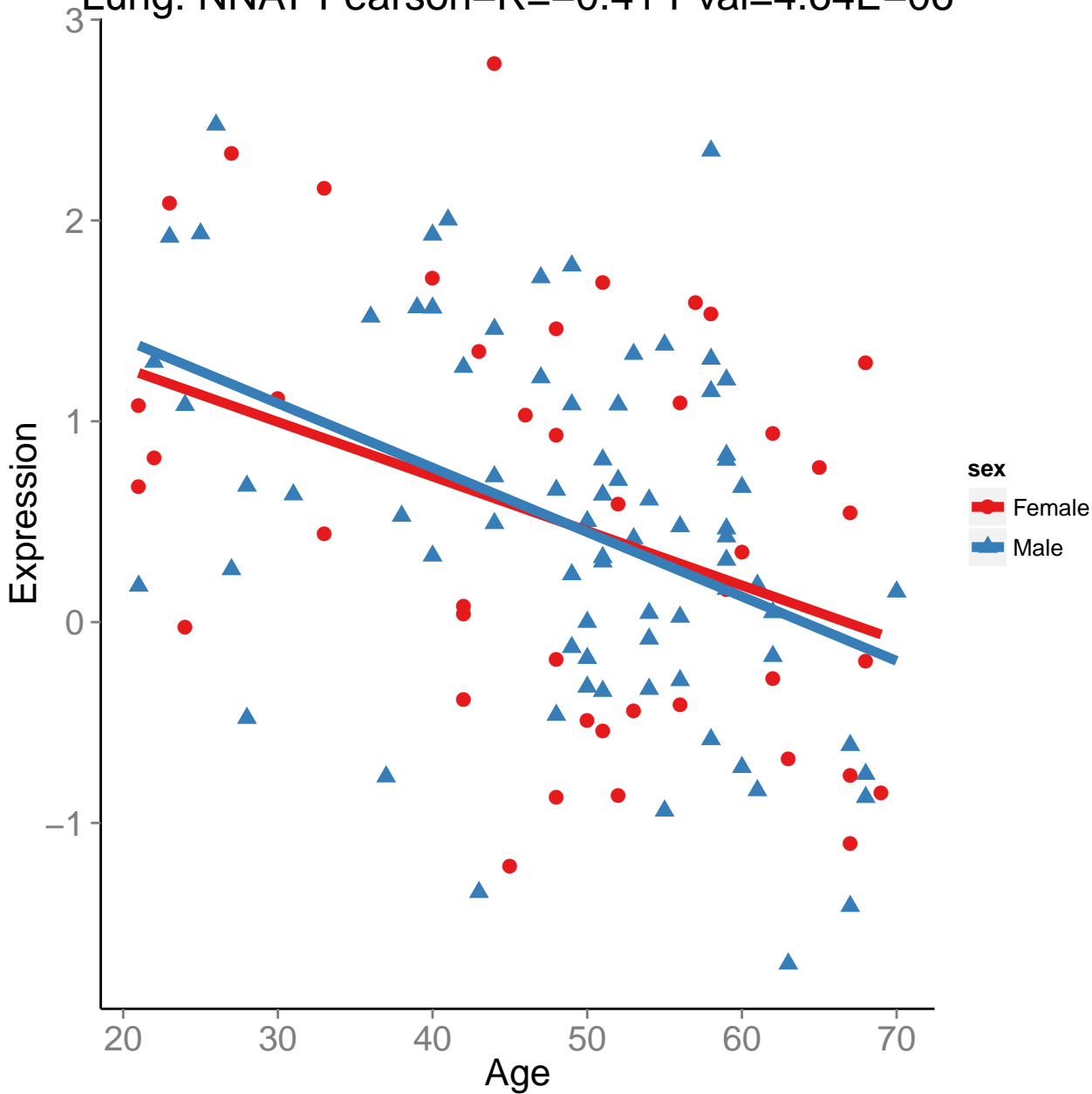
Lung: AEBP1 Pearson-R=0.41 Pval=4.69E-06



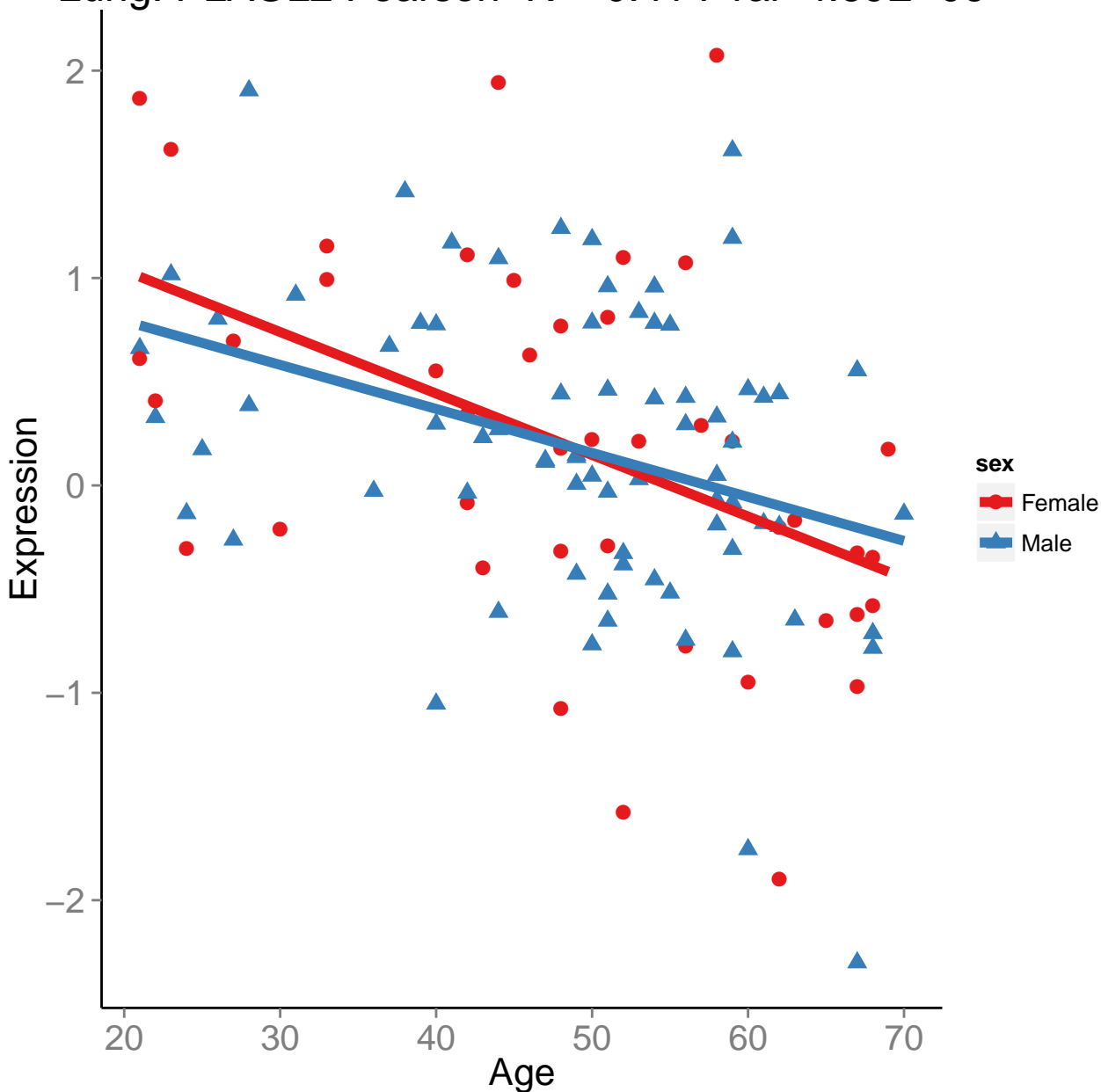
Lung: PHF17 Pearson-R=0.41 Pval=4.74E-06



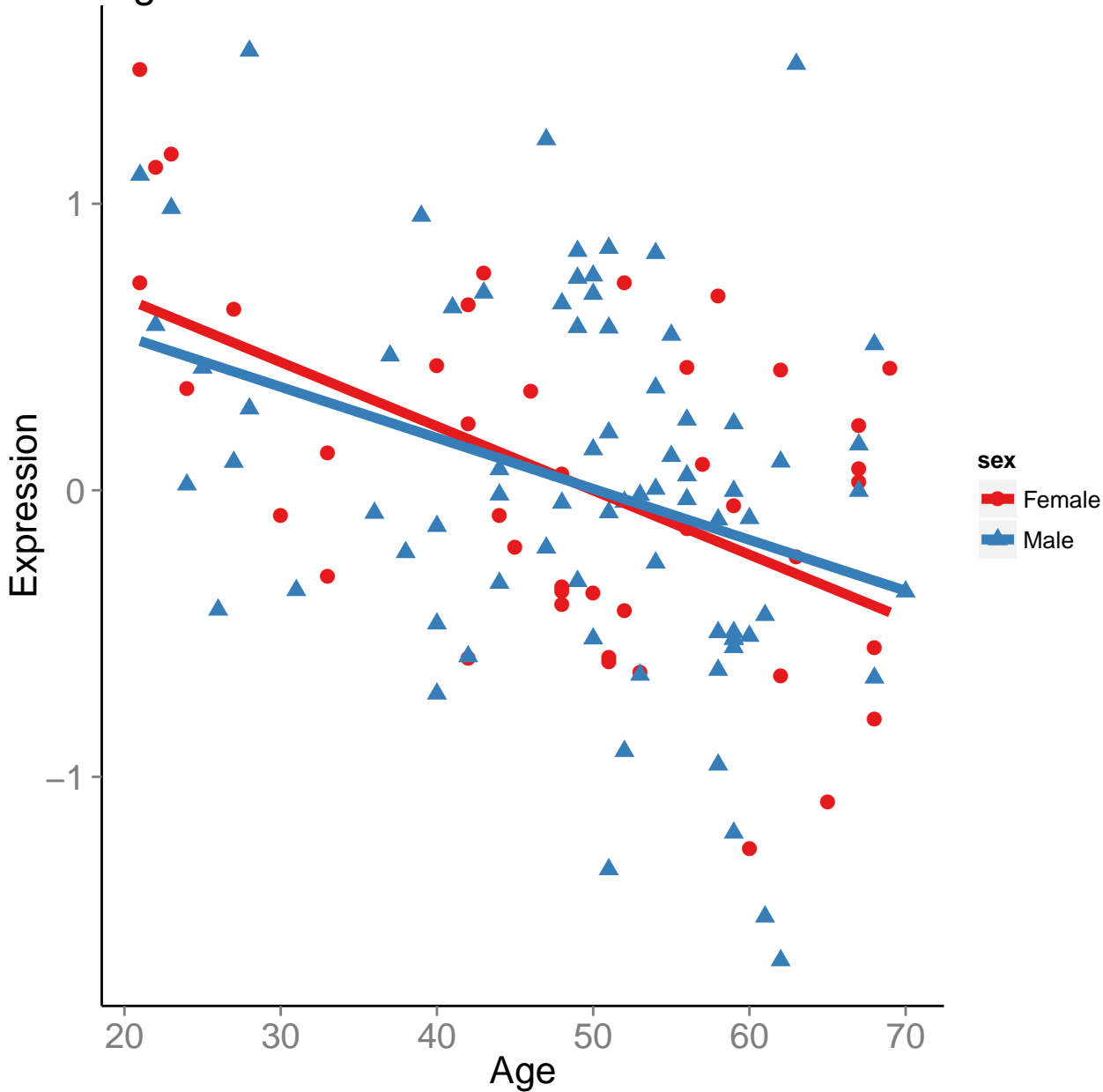
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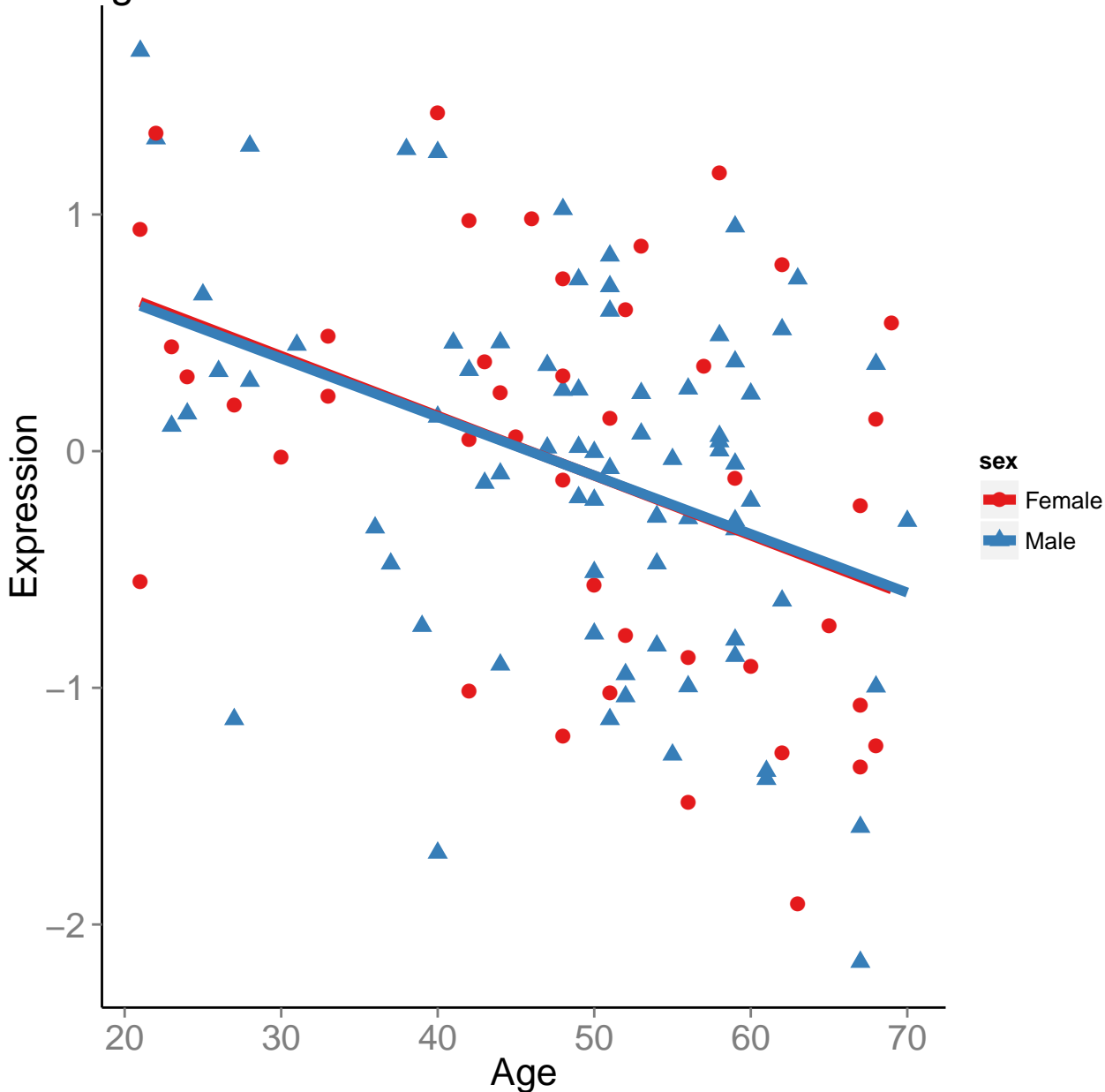
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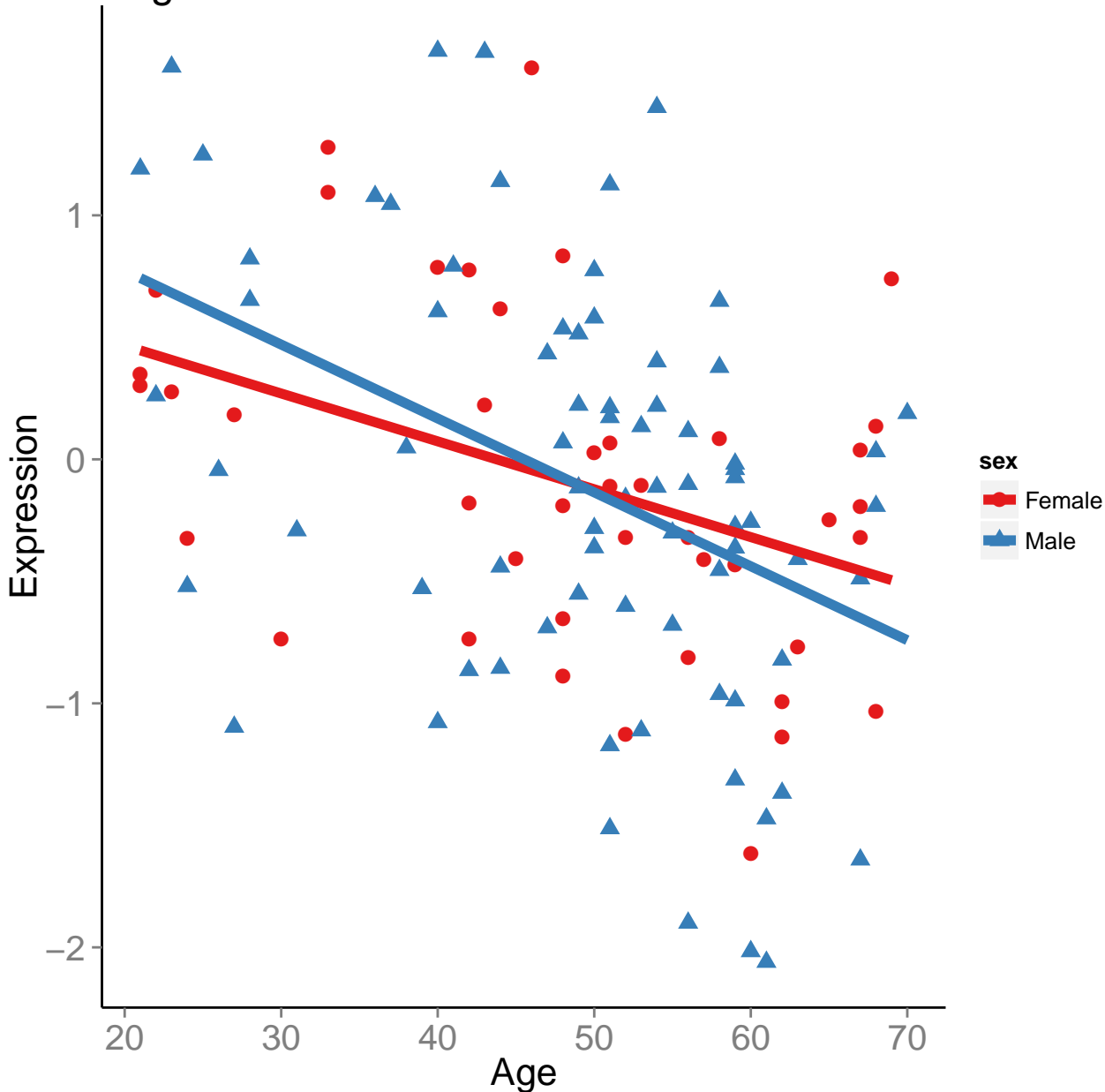
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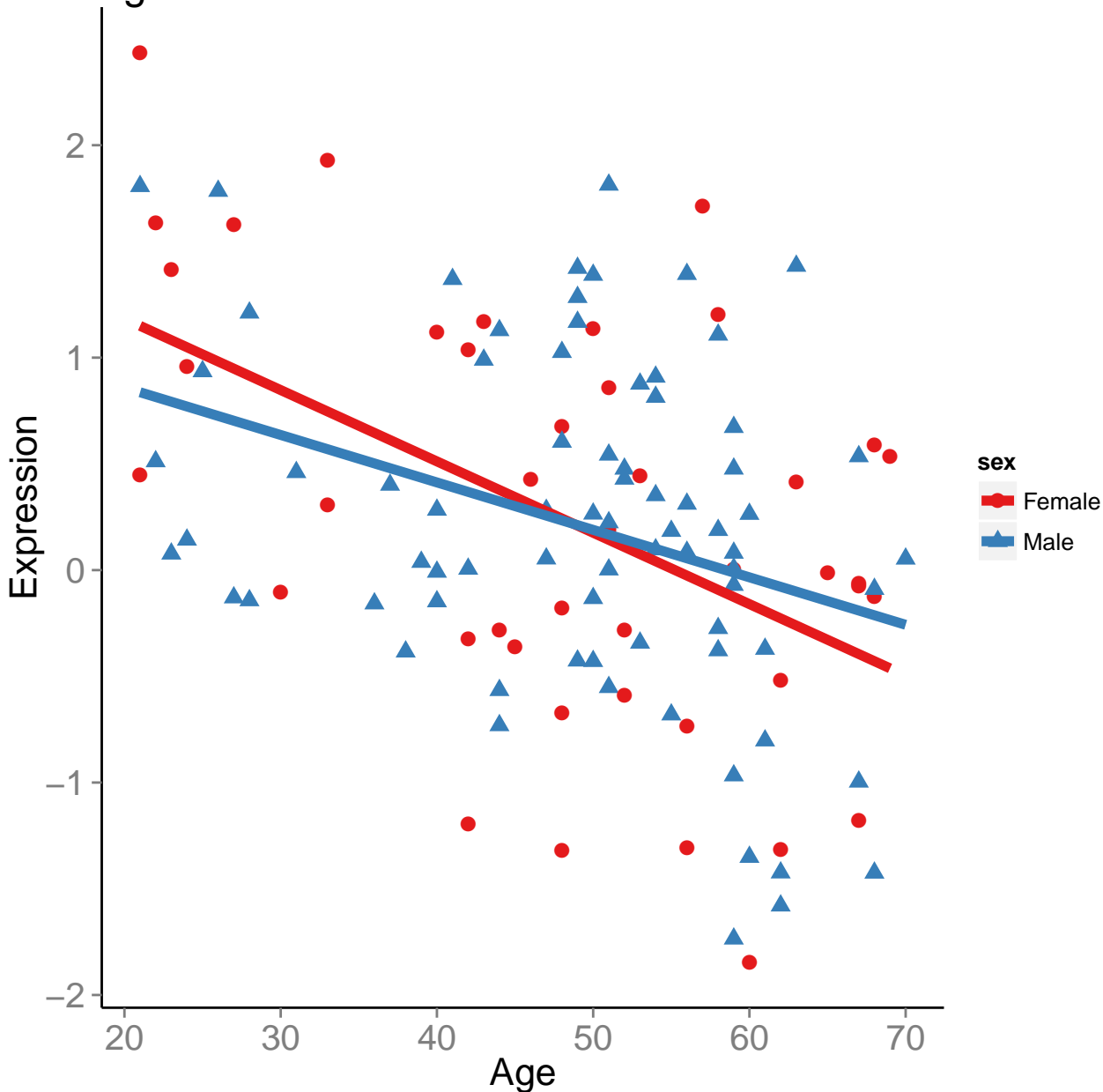
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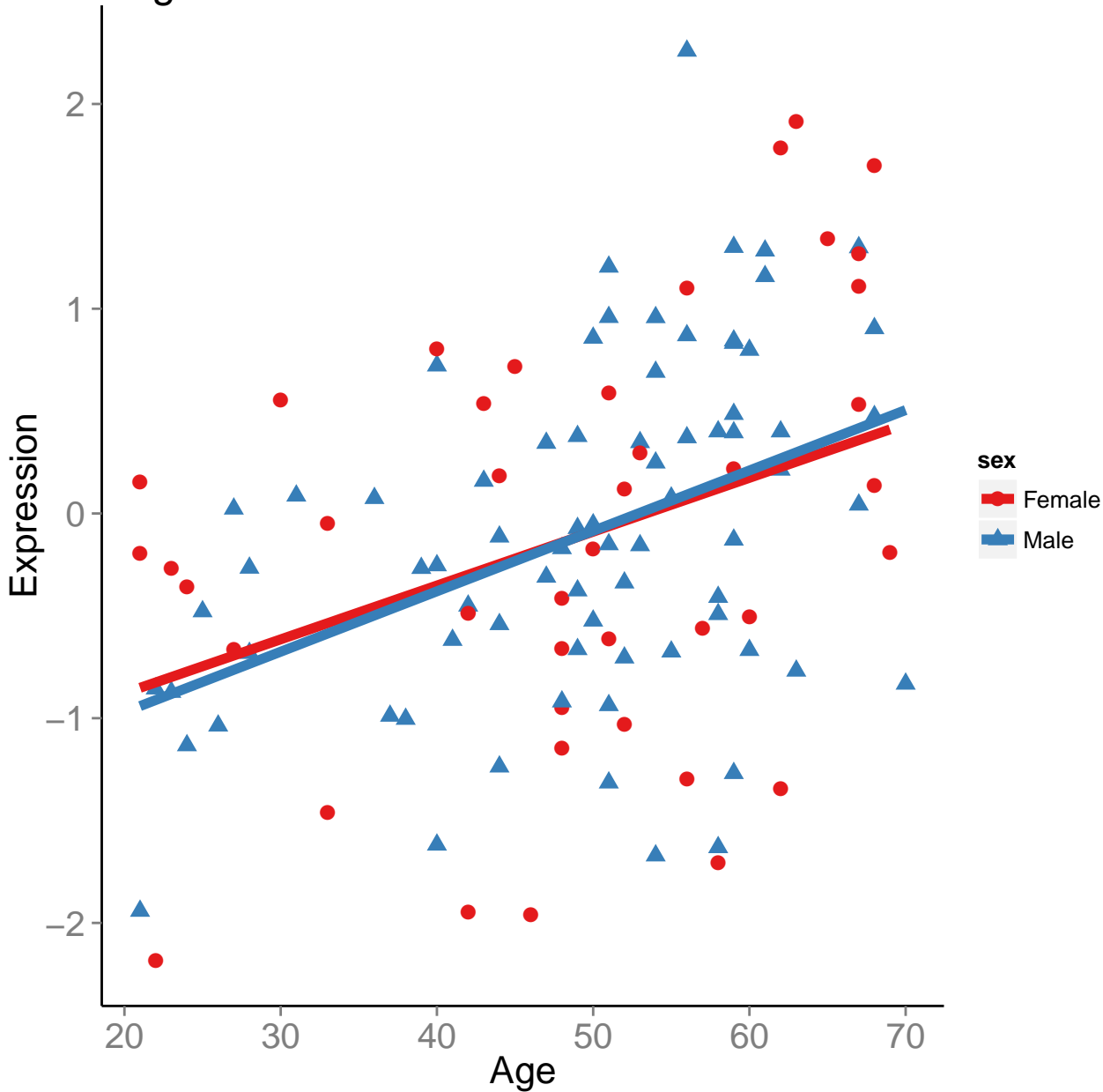
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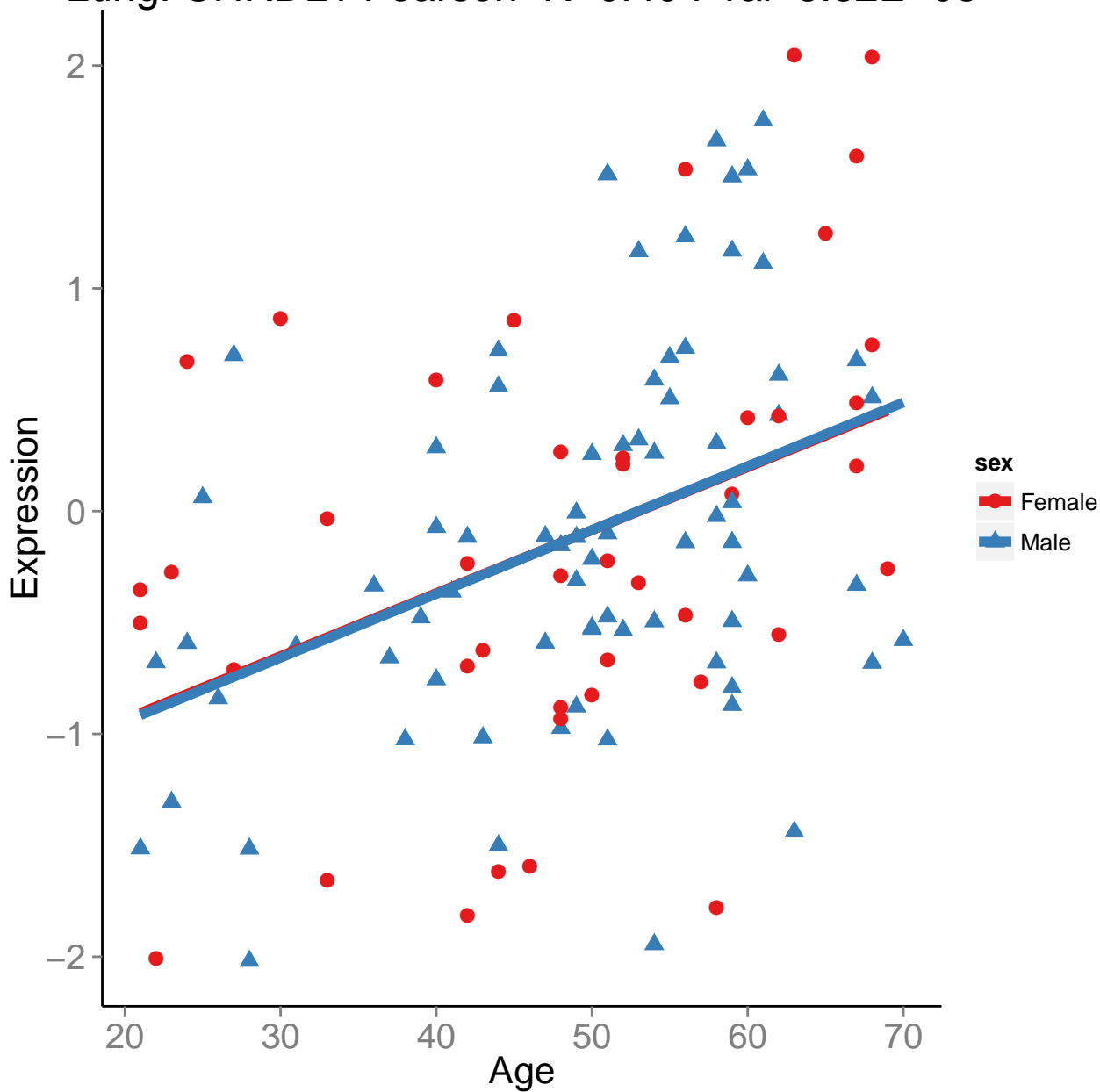
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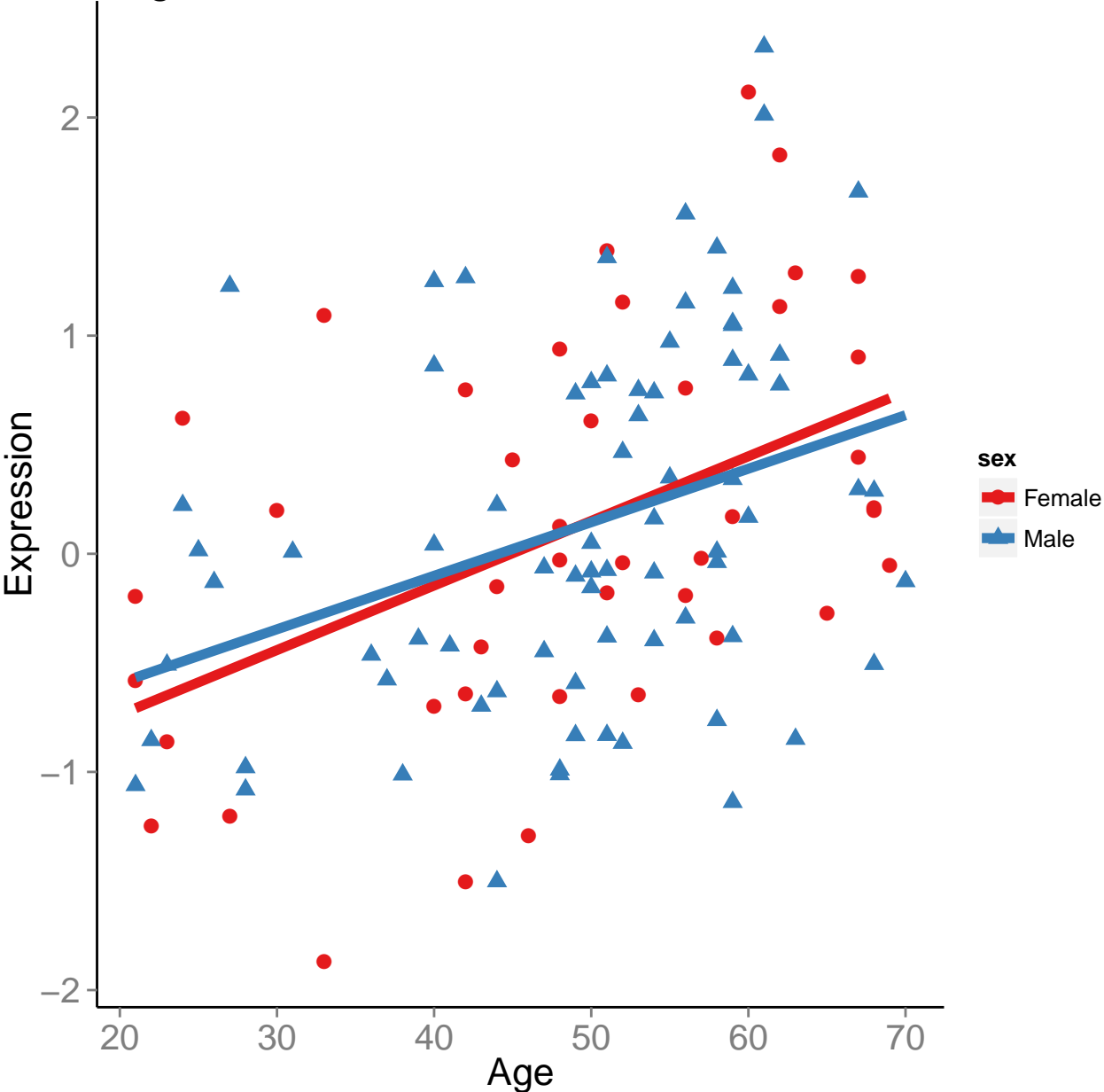
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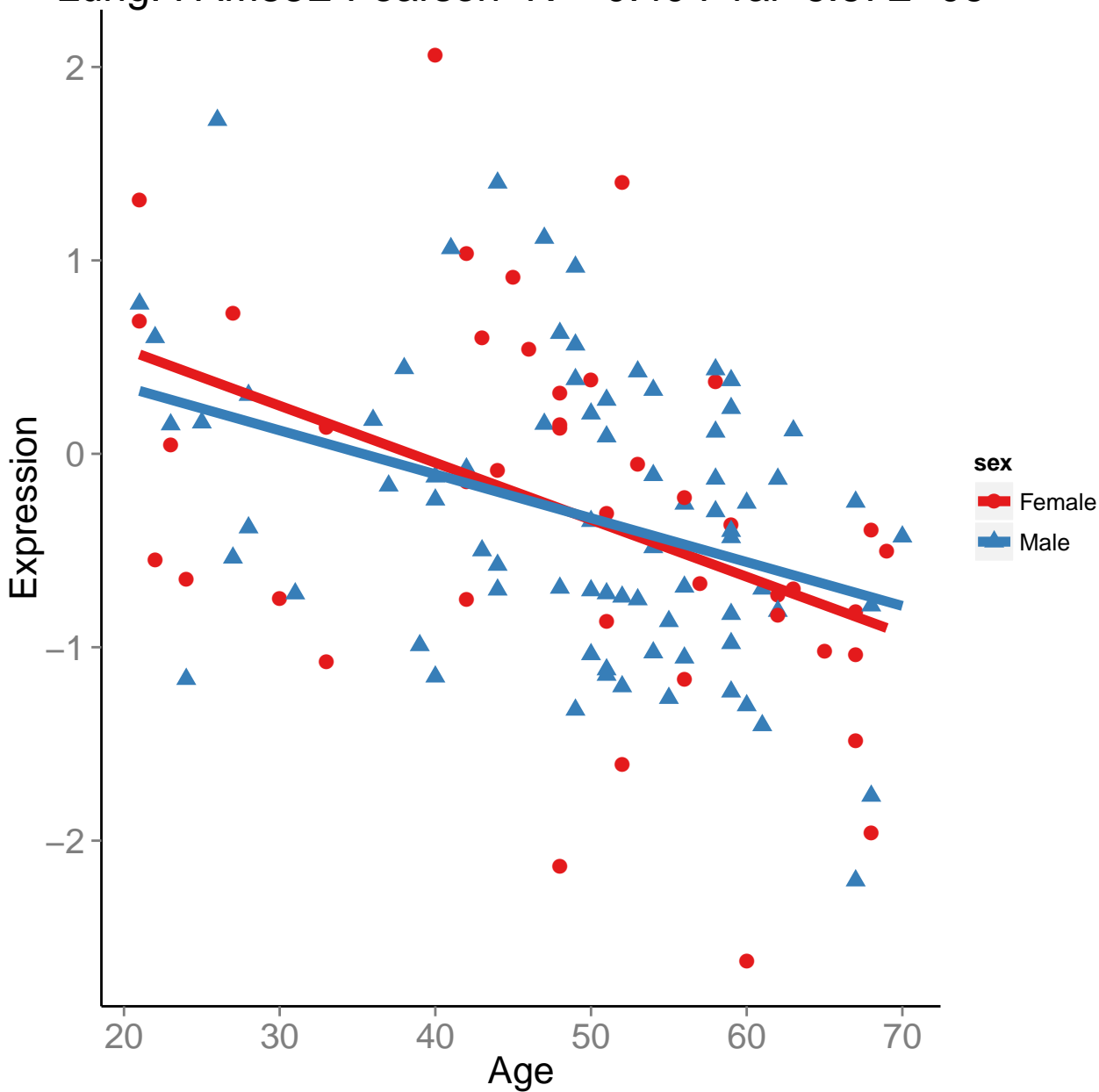
Lung: CHRDL1 Pearson-R=0.40 Pval=5.82E-06



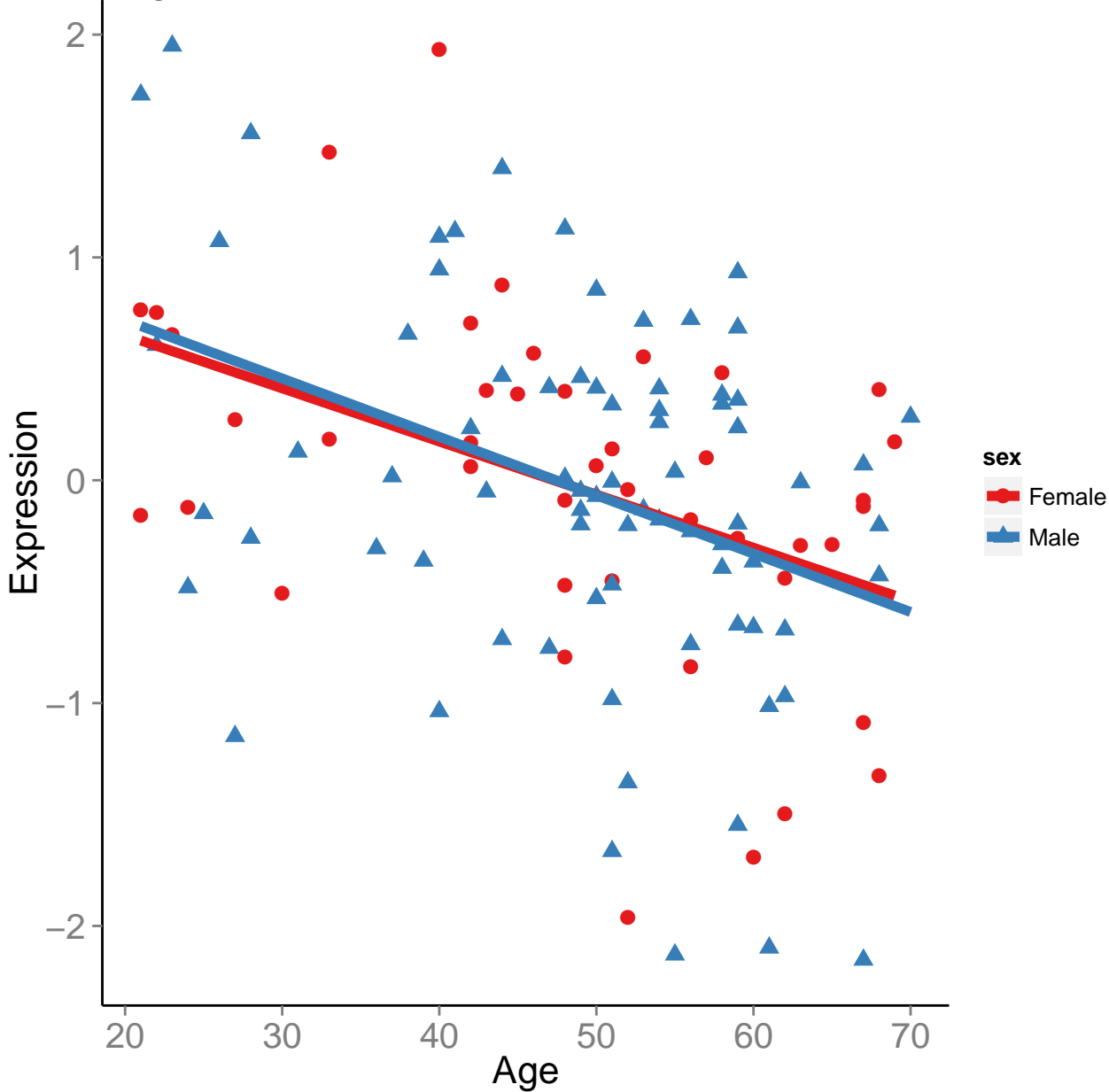
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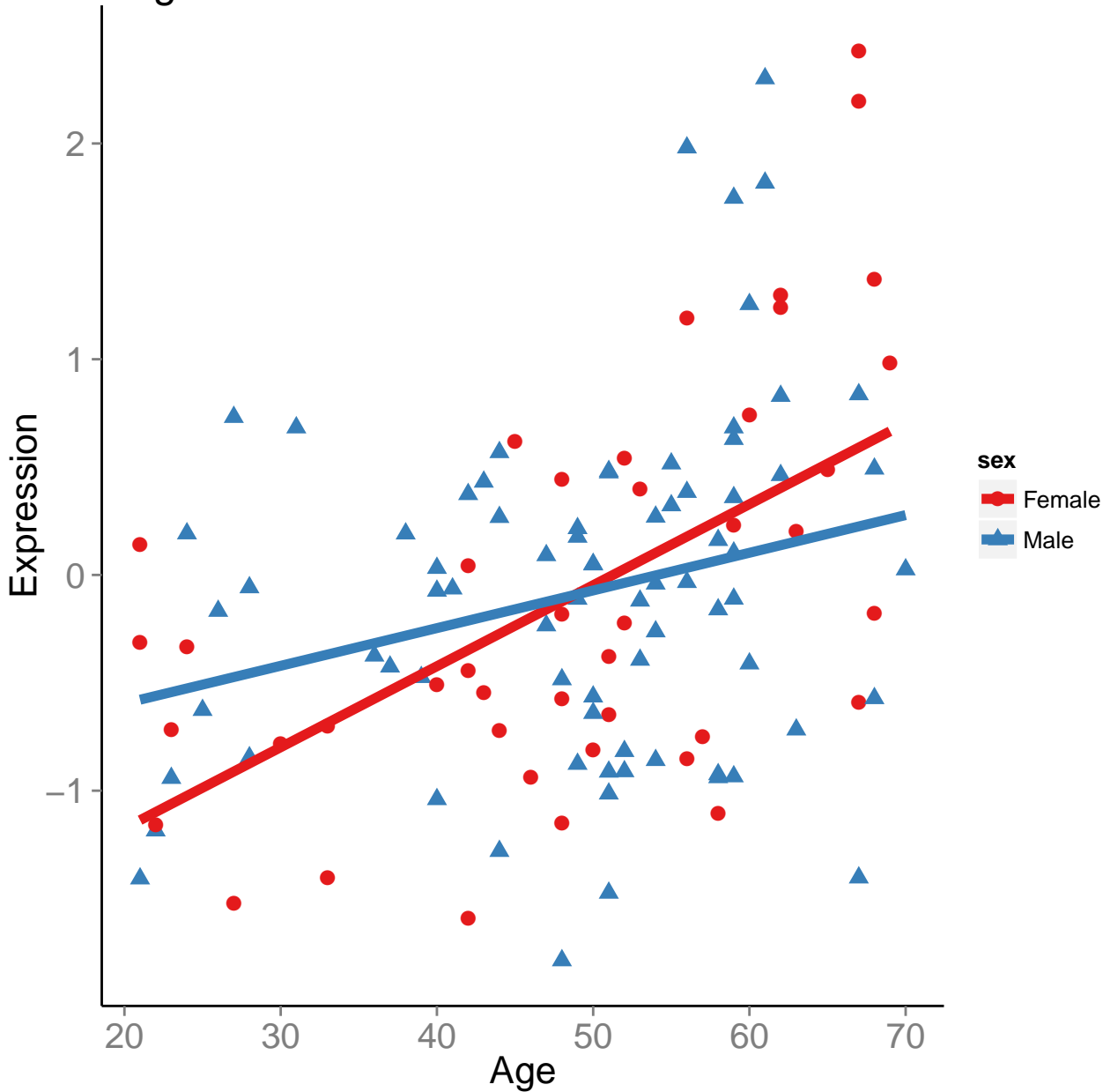
Lung: FAM83E Pearson-R=-0.40 Pval=6.67E-06



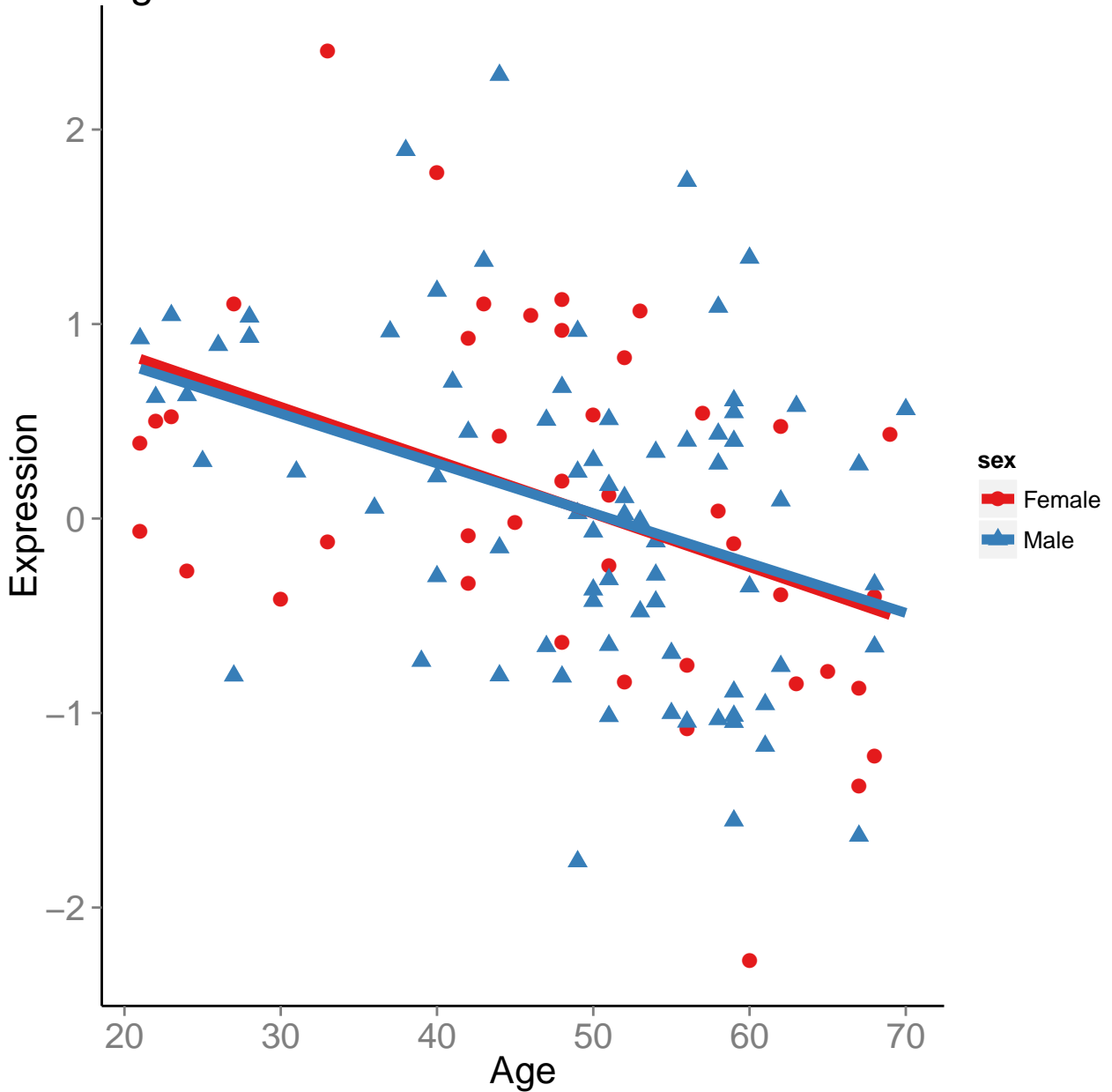
Lung: MTRR Pearson-R=-0.40 Pval=7.21E-06



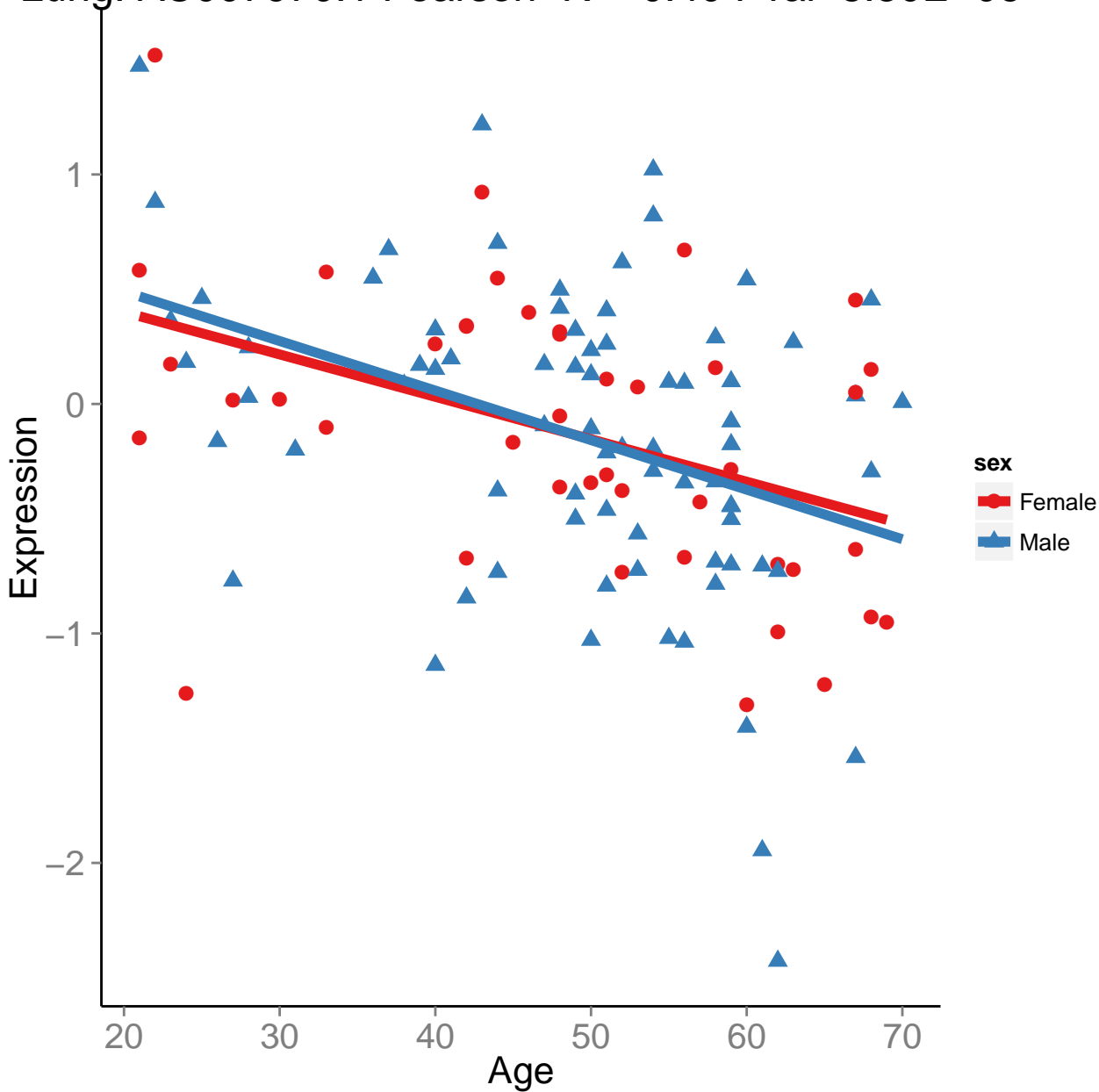
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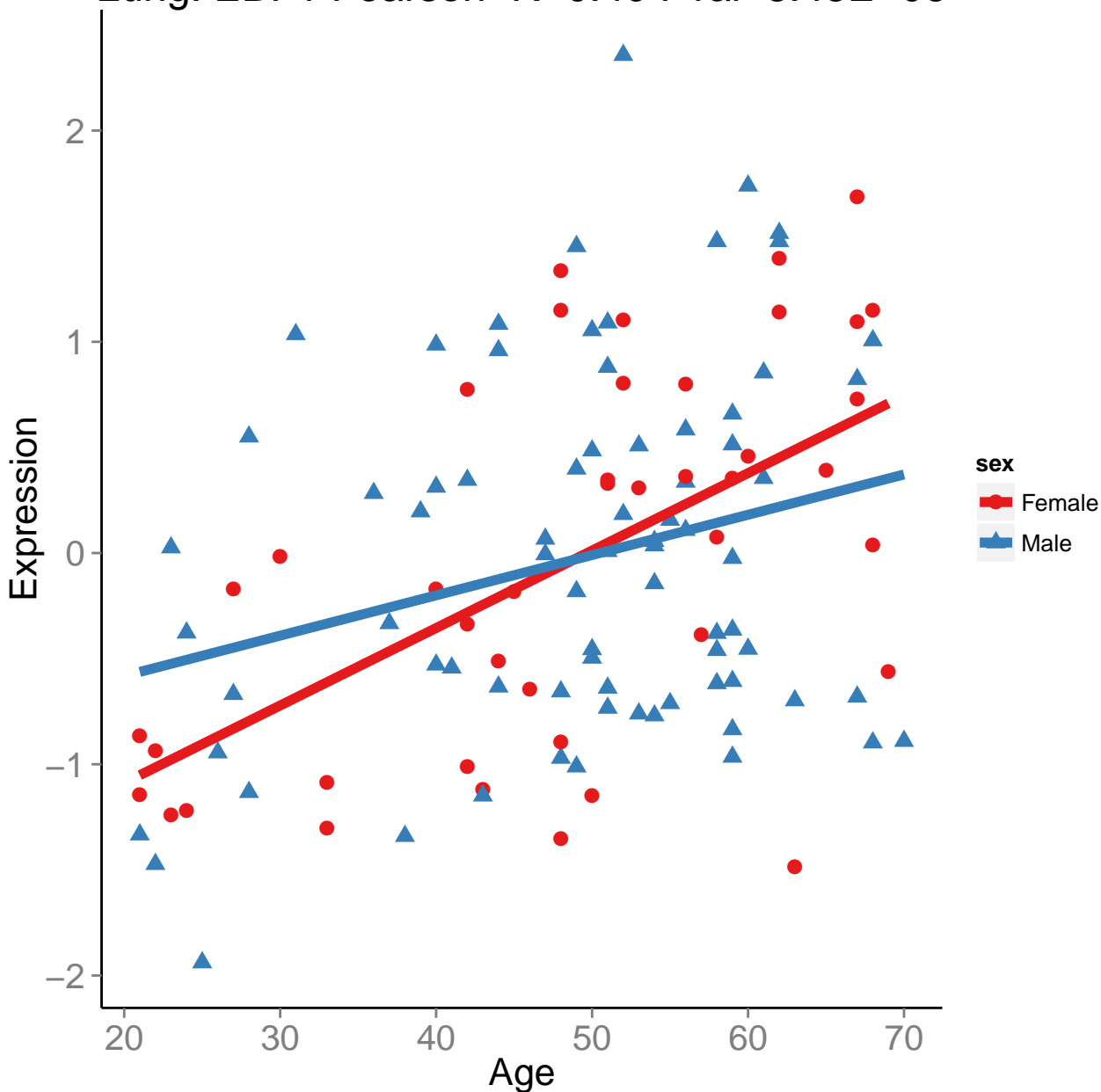
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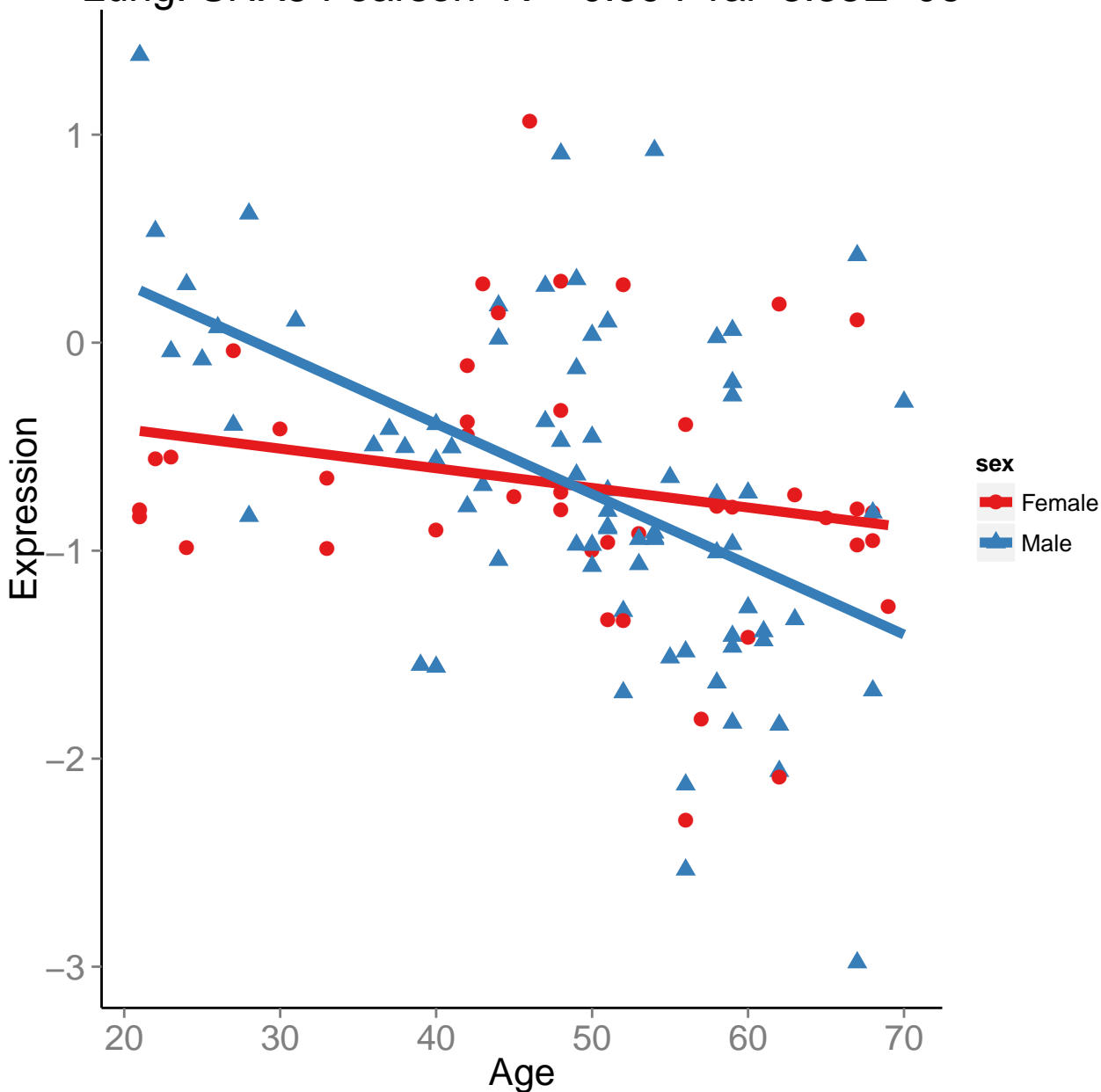
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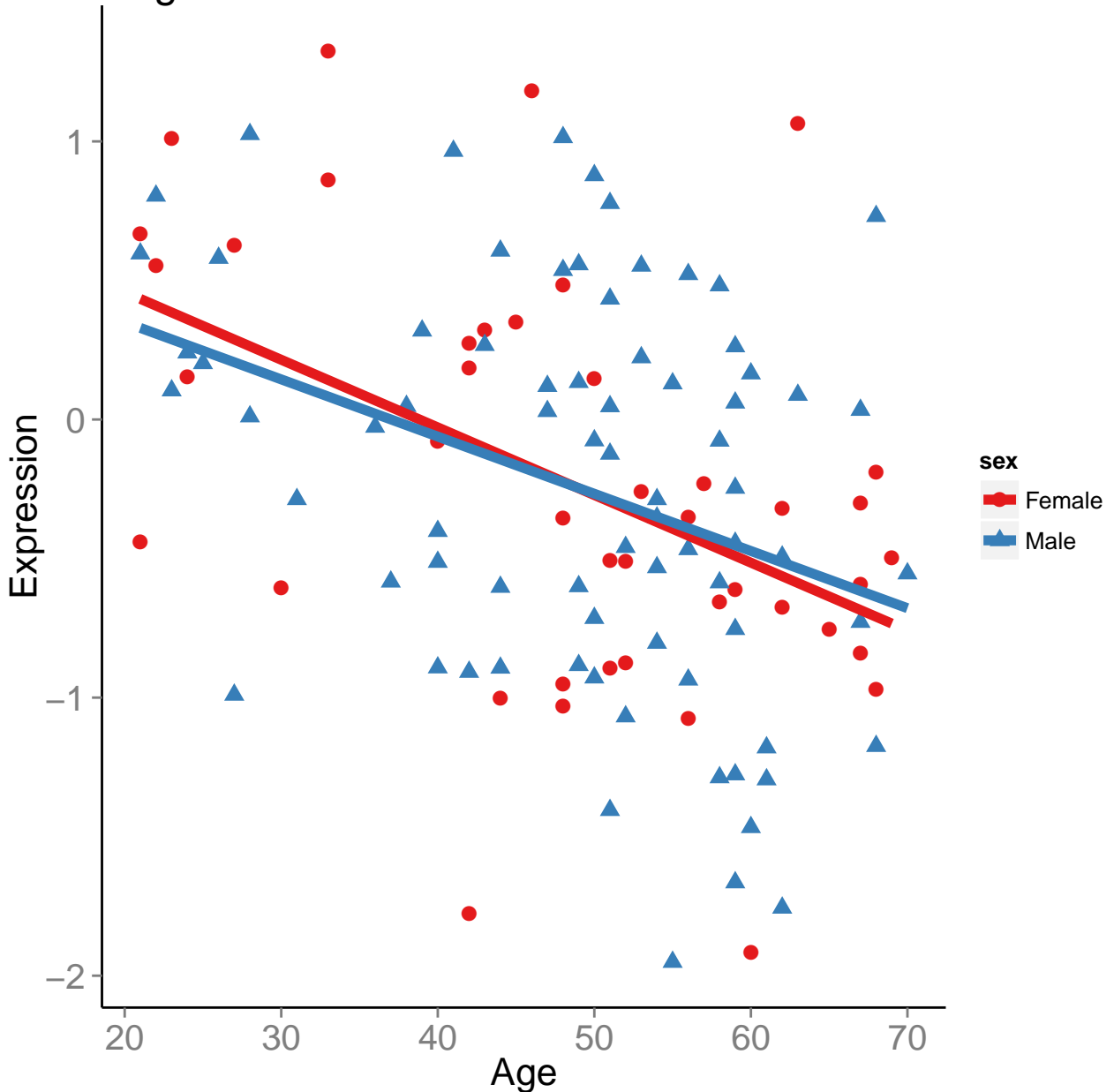
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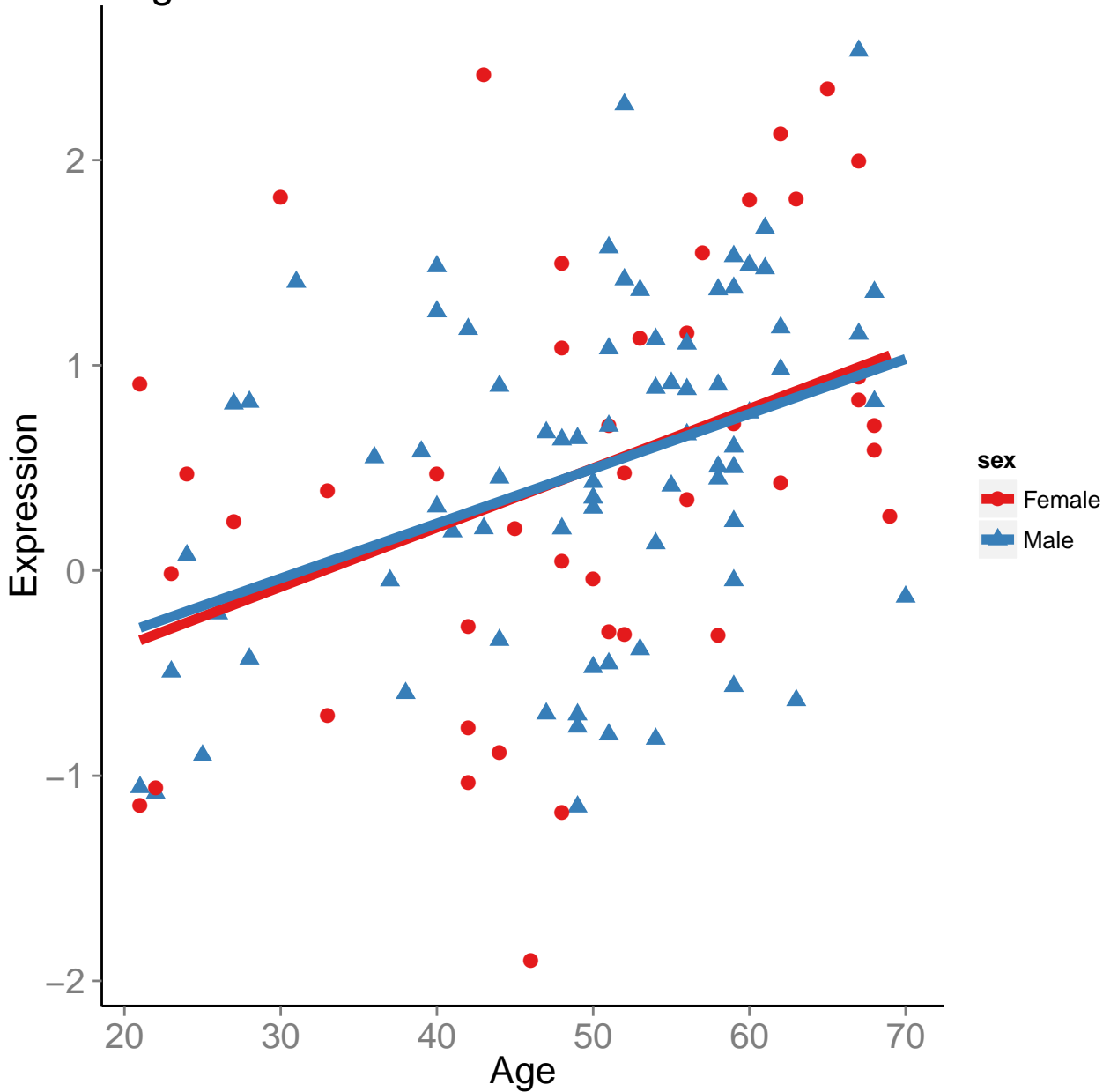
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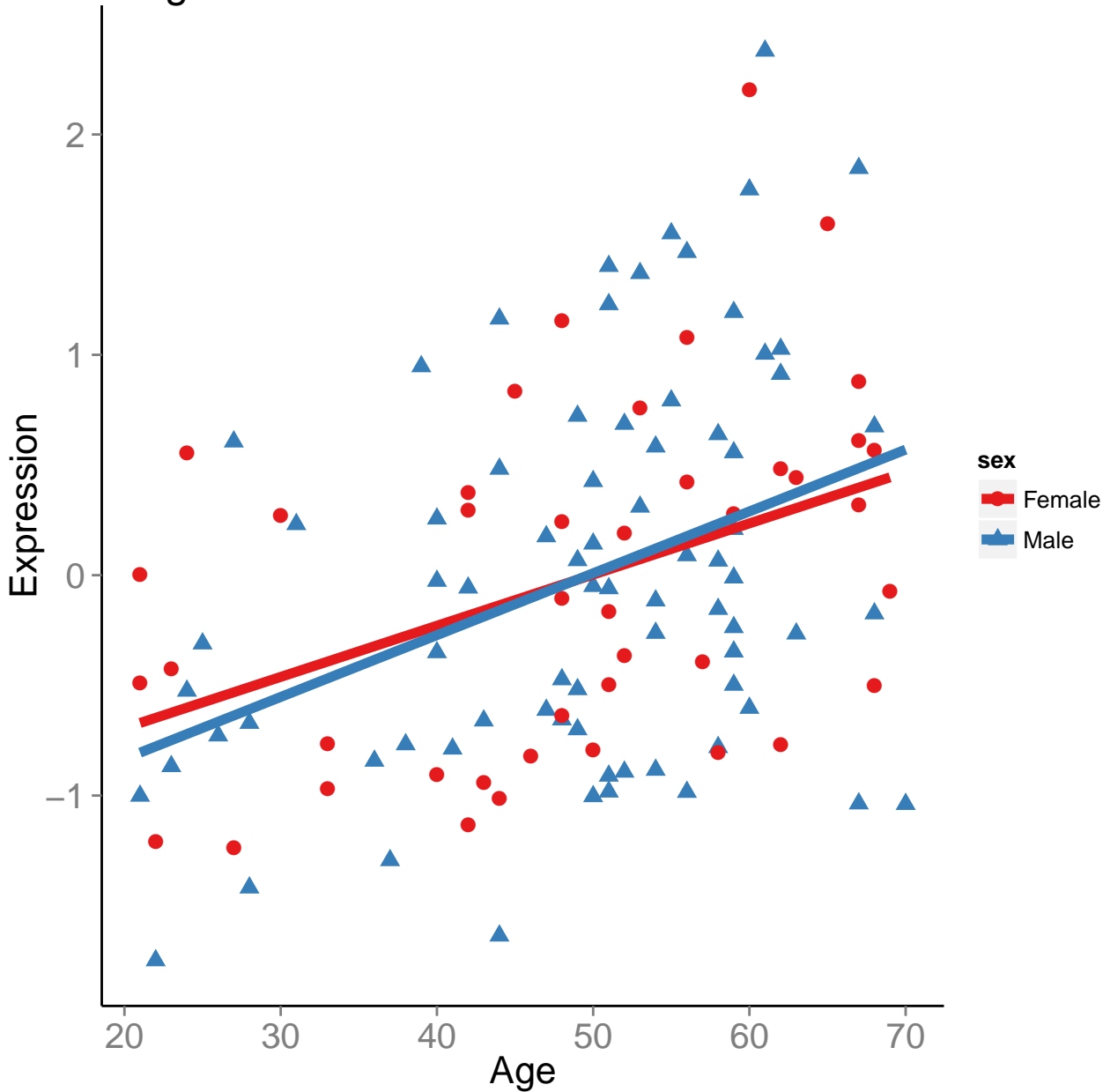
Lung: PEX3 Pearson-R=-0.39 Pval=9.04E-06



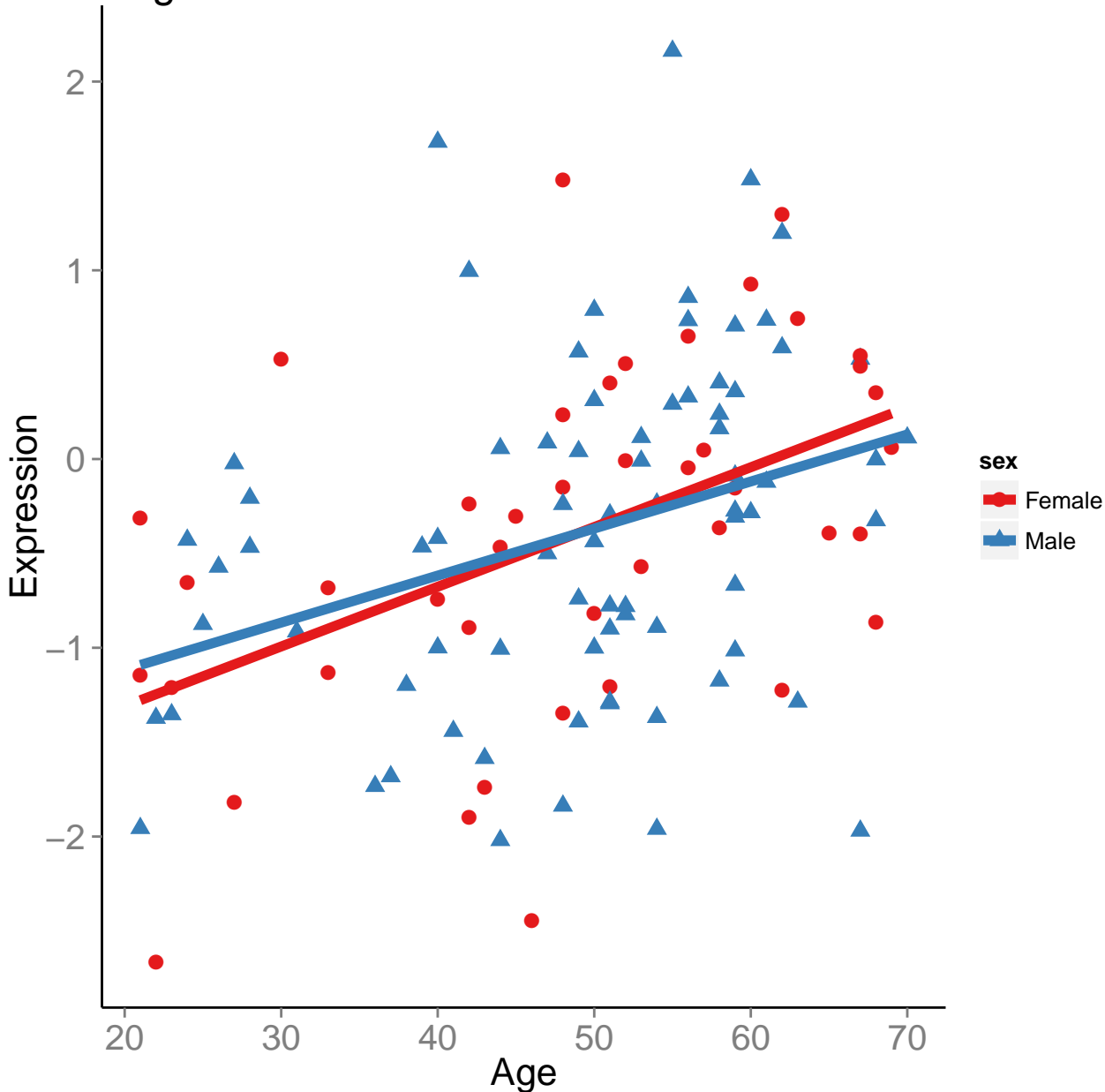
Lung: HSPB6 Pearson-R=0.39 Pval=9.60E-06



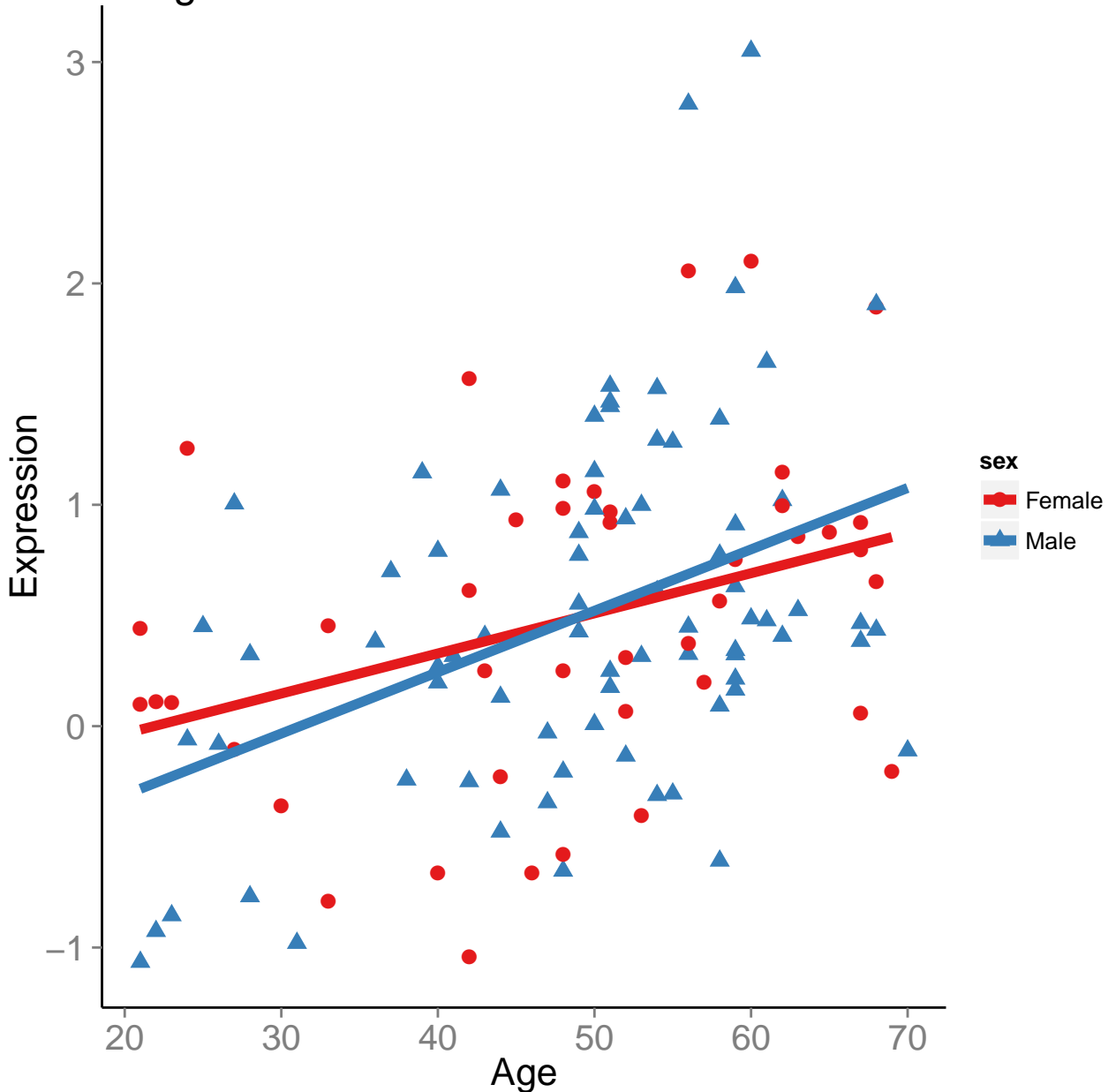
Lung: PKD2 Pearson-R=0.39 Pval=1.03E-05



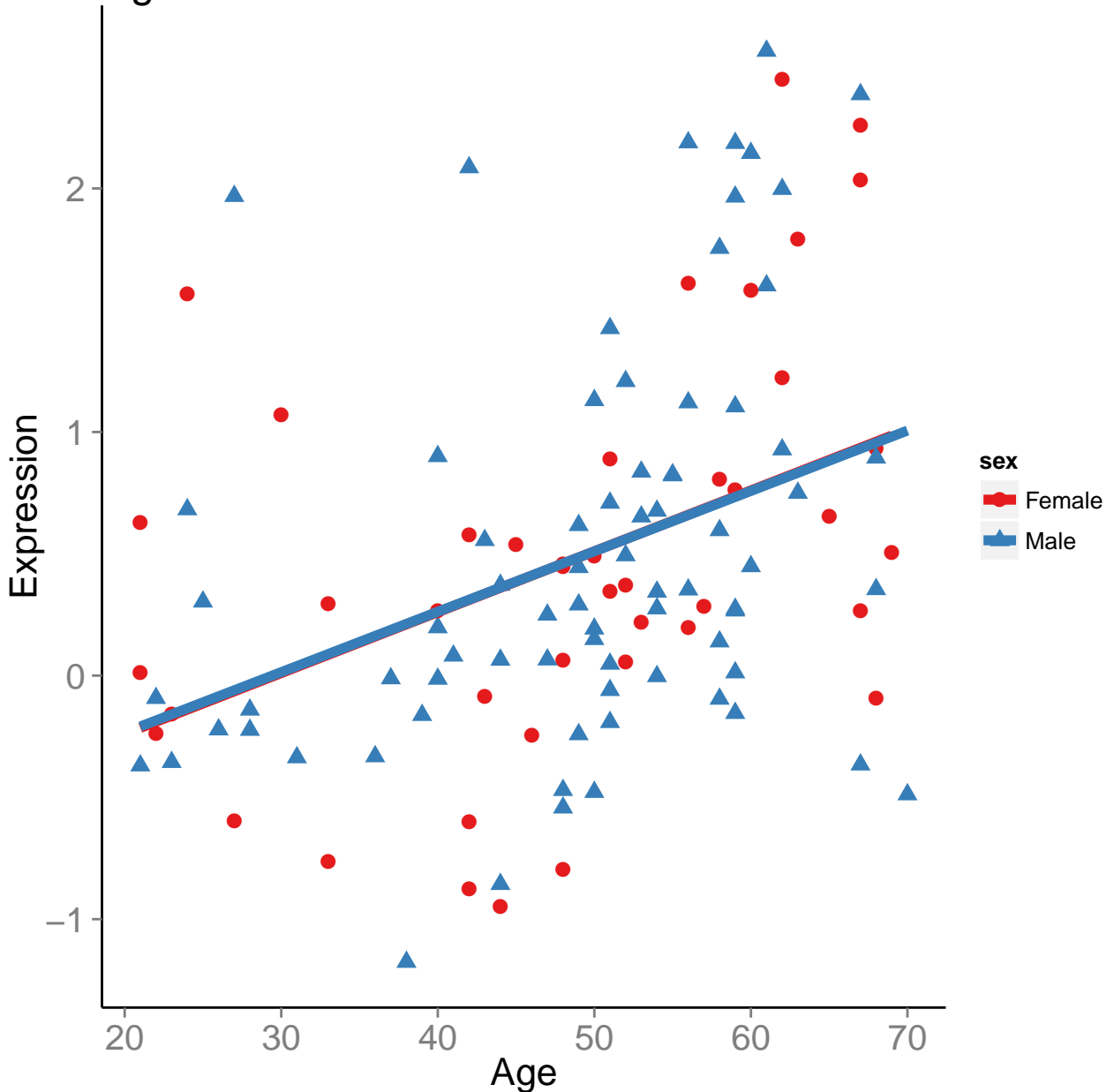
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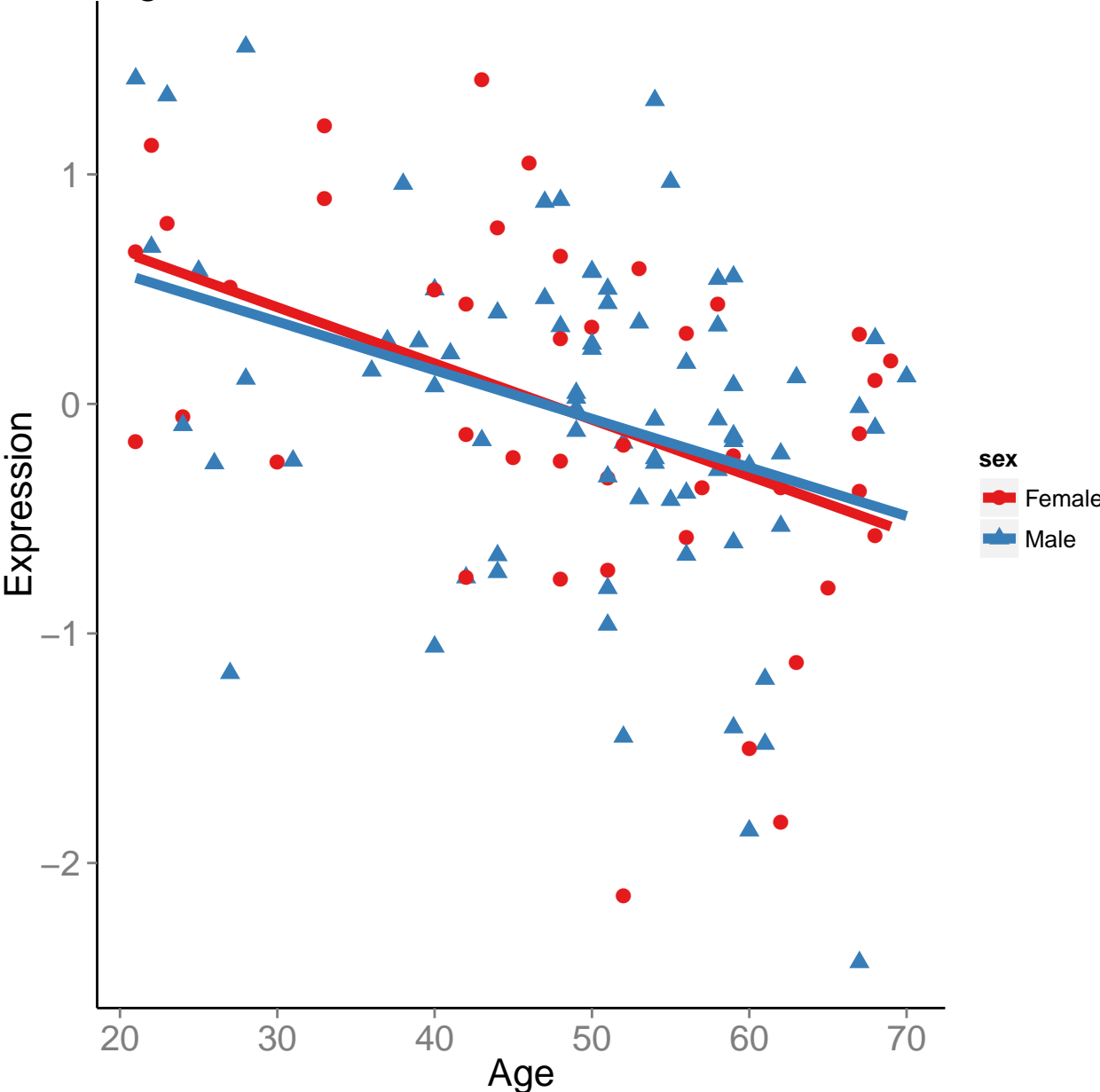
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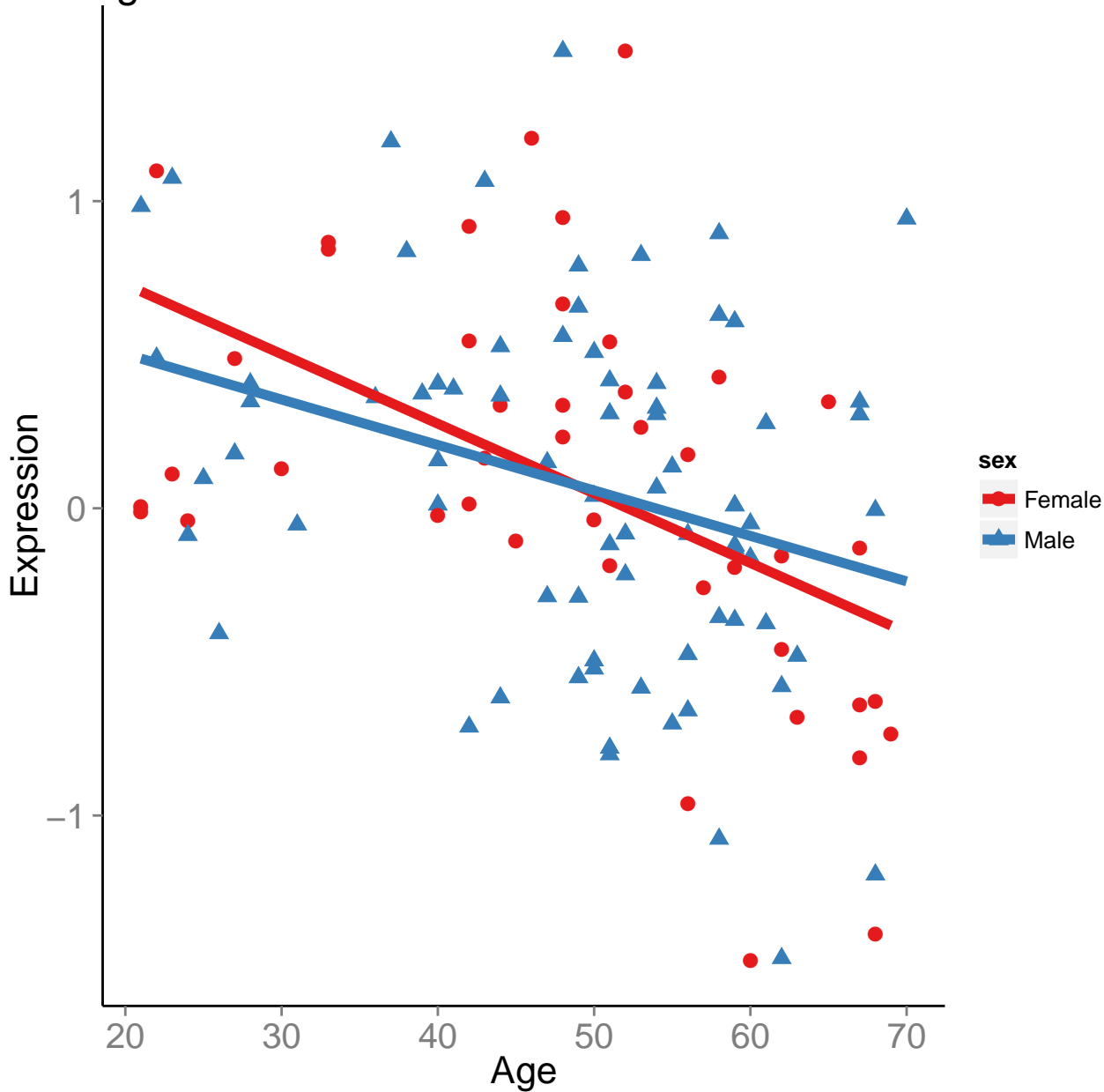
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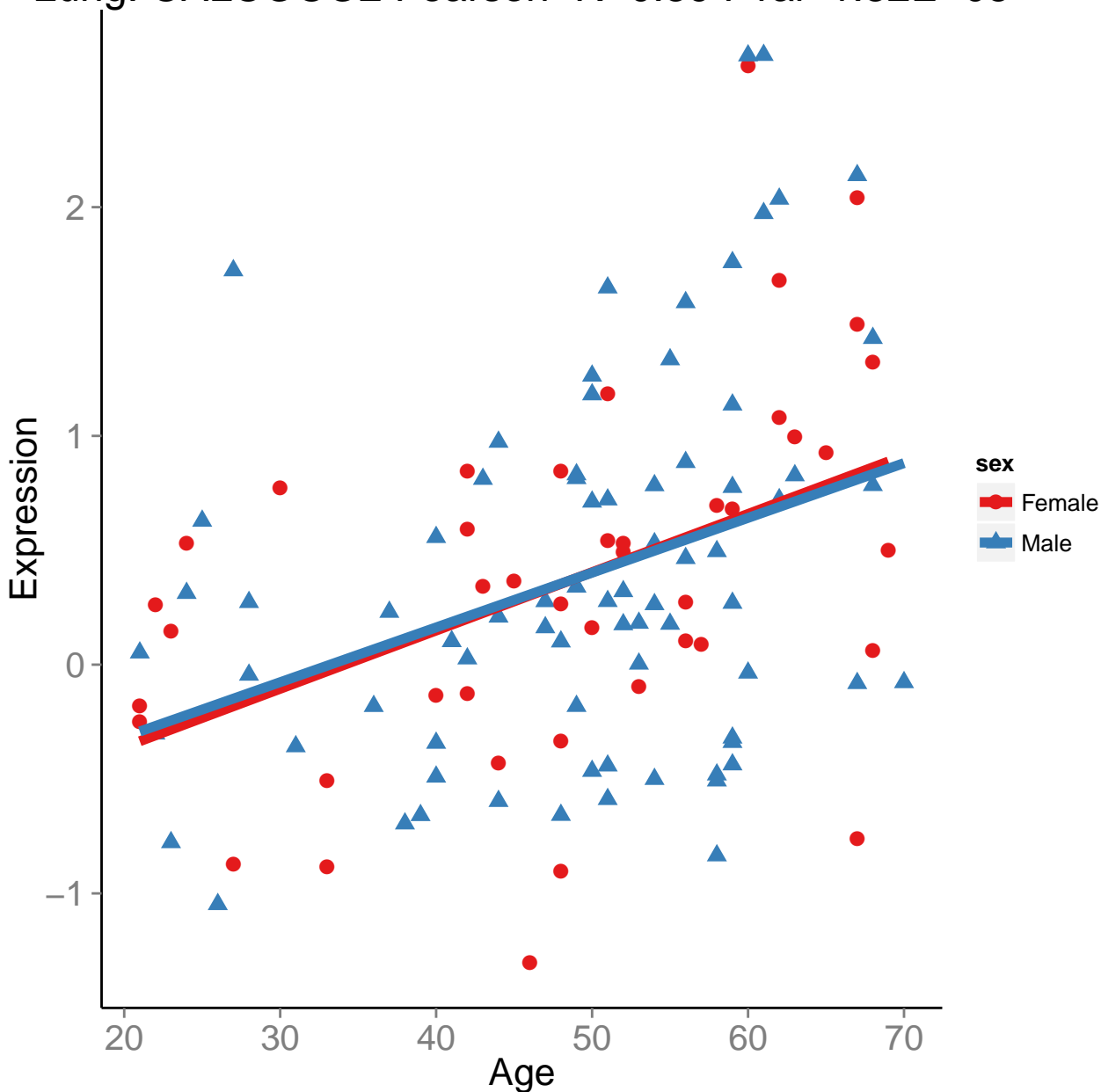
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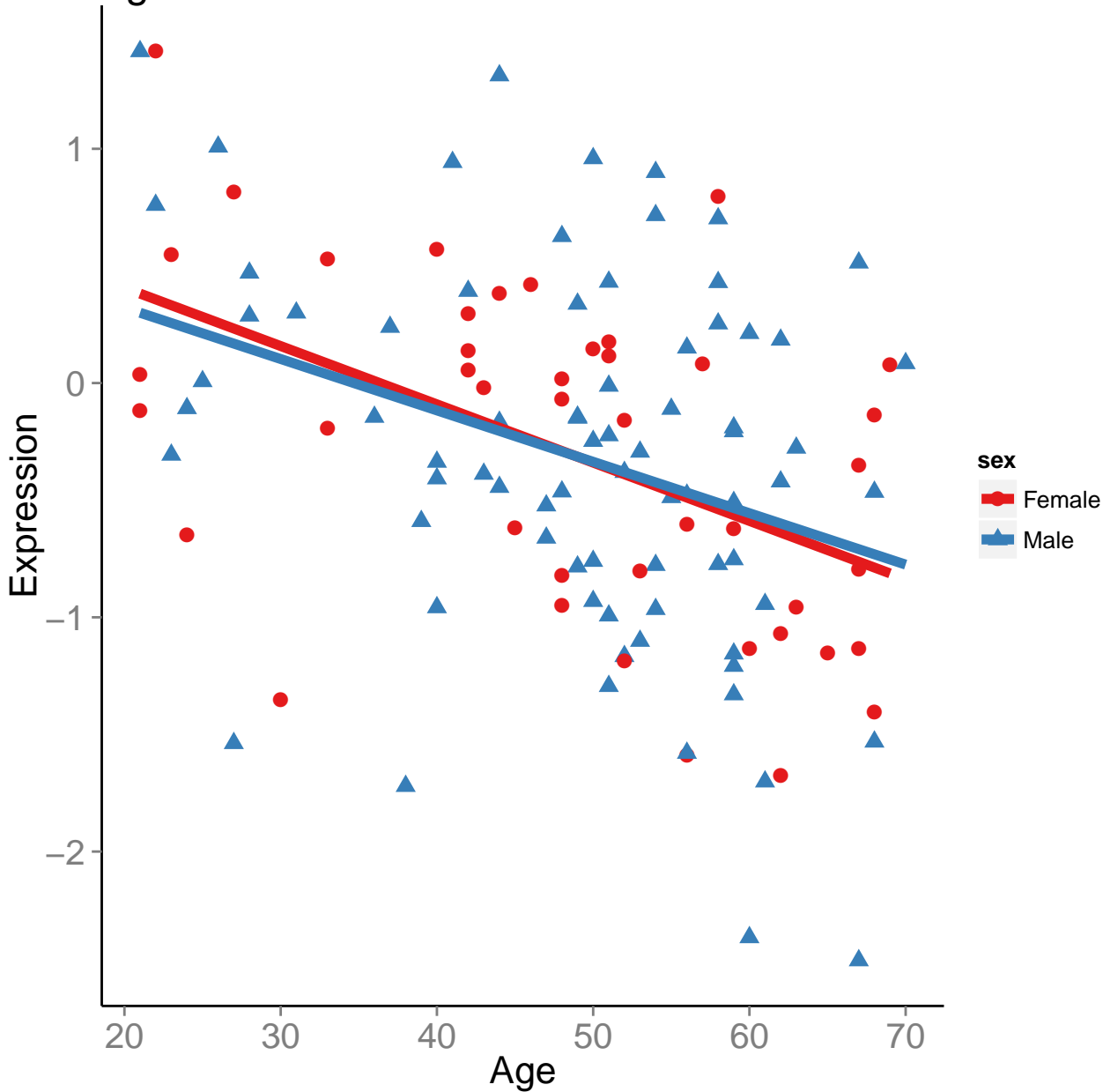
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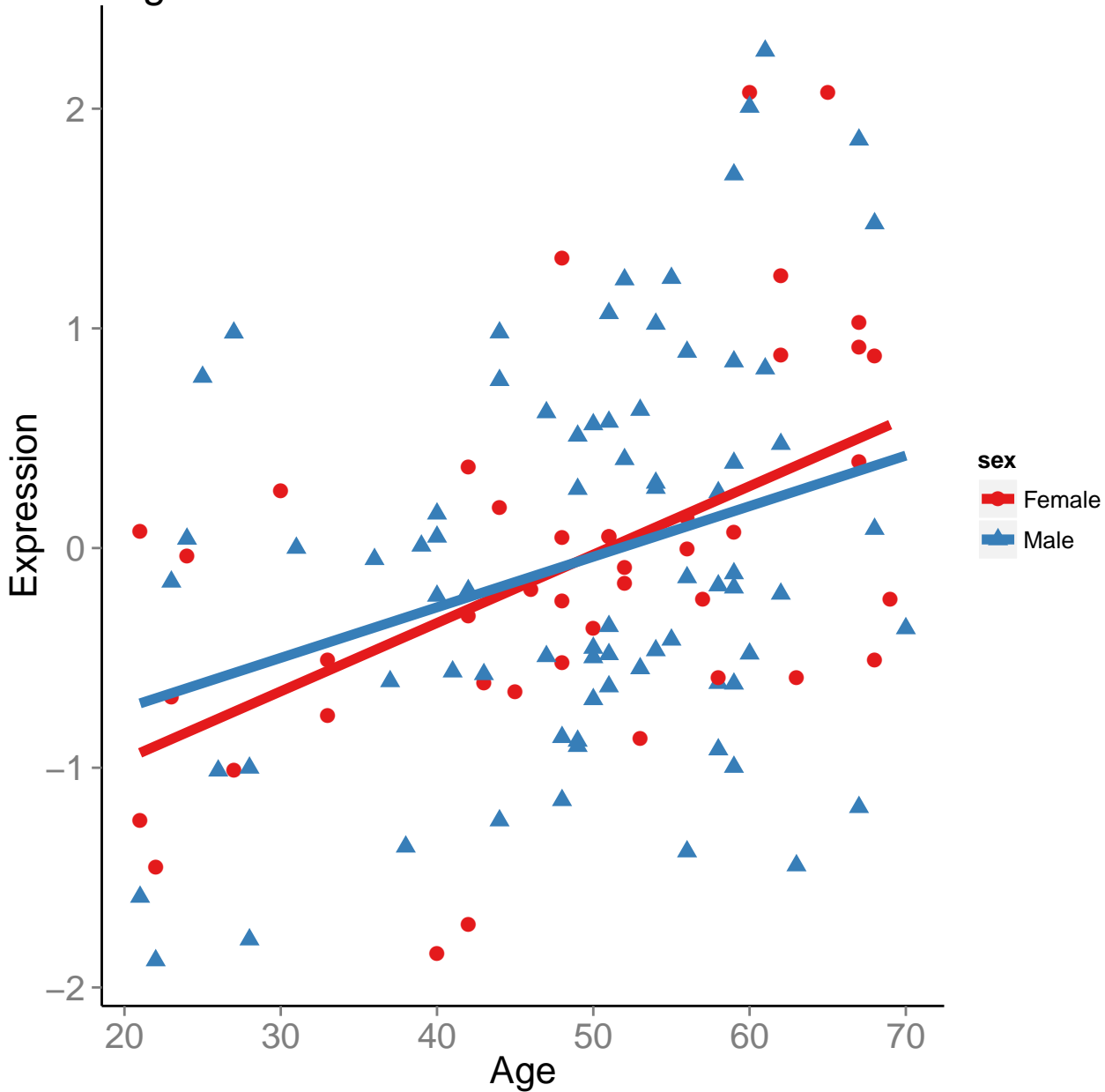
Lung: CALCOCO2 Pearson-R=0.39 Pval=1.32E-05



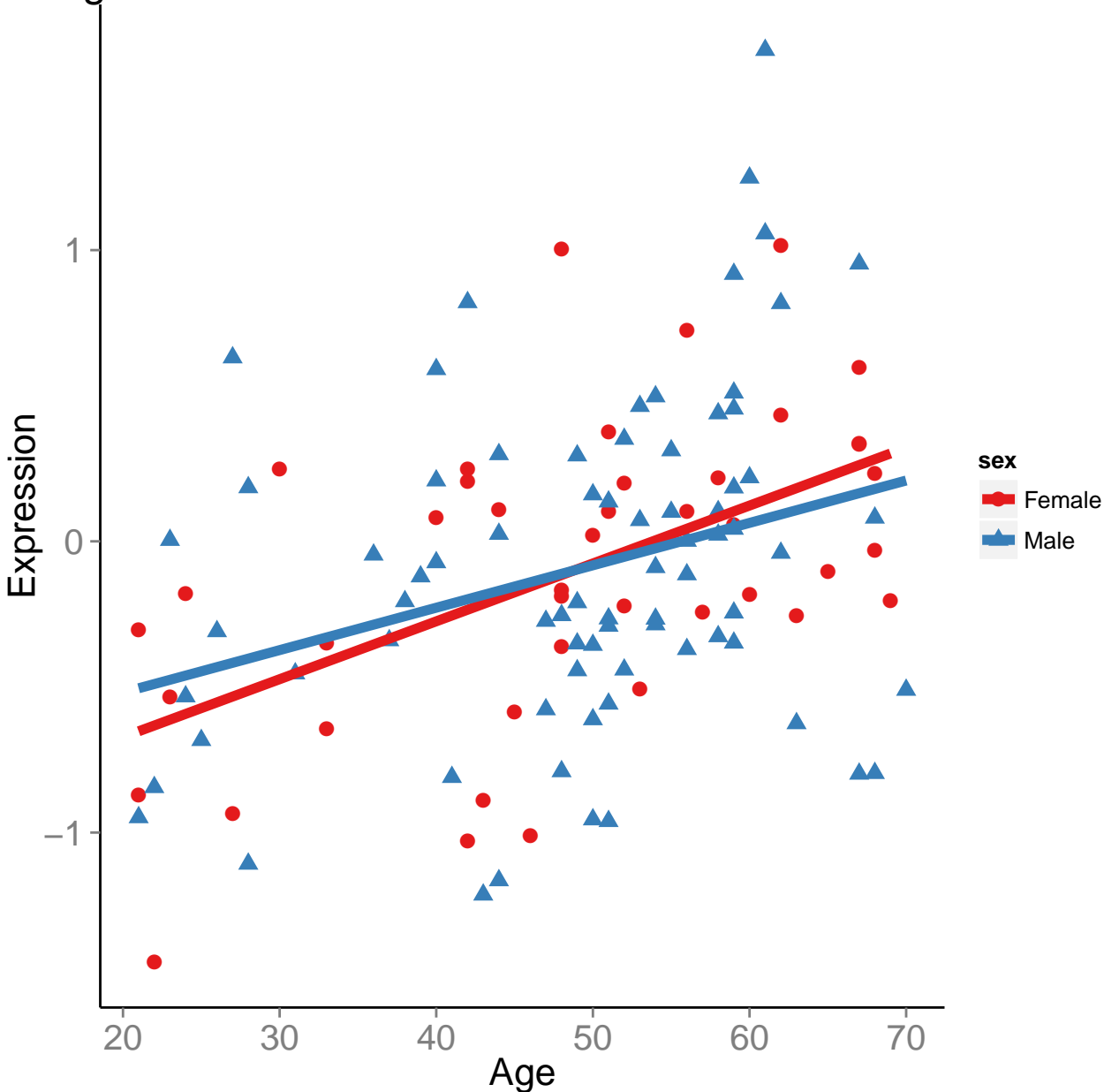
Lung: YTHDF2 Pearson-R=-0.39 Pval=1.23E-05



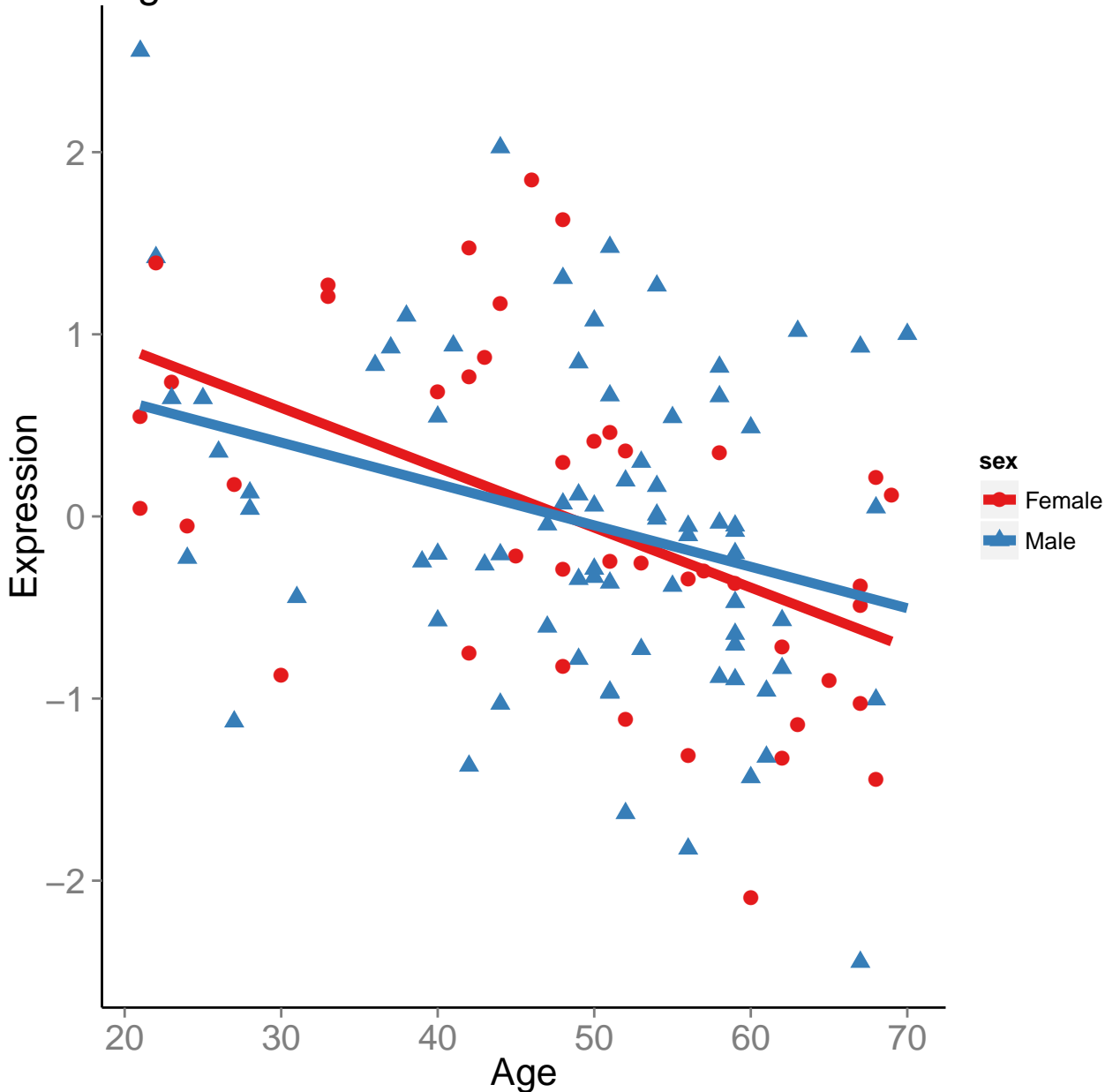
Lung: ATP10D Pearson-R=0.39 Pval=1.30E-05



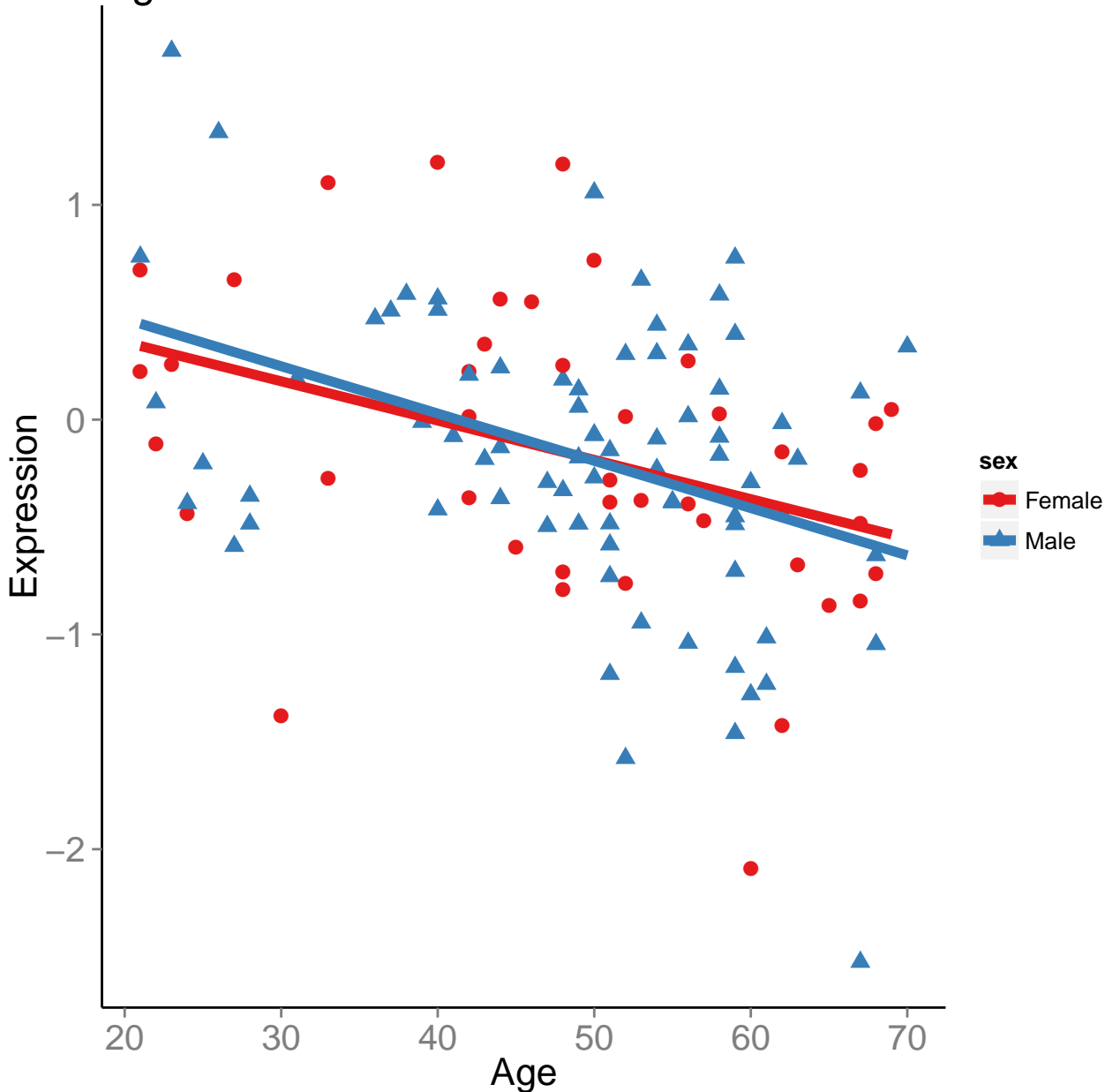
Lung: RP11-615l2.7 Pearson-R=0.39 Pval=1.20E-05



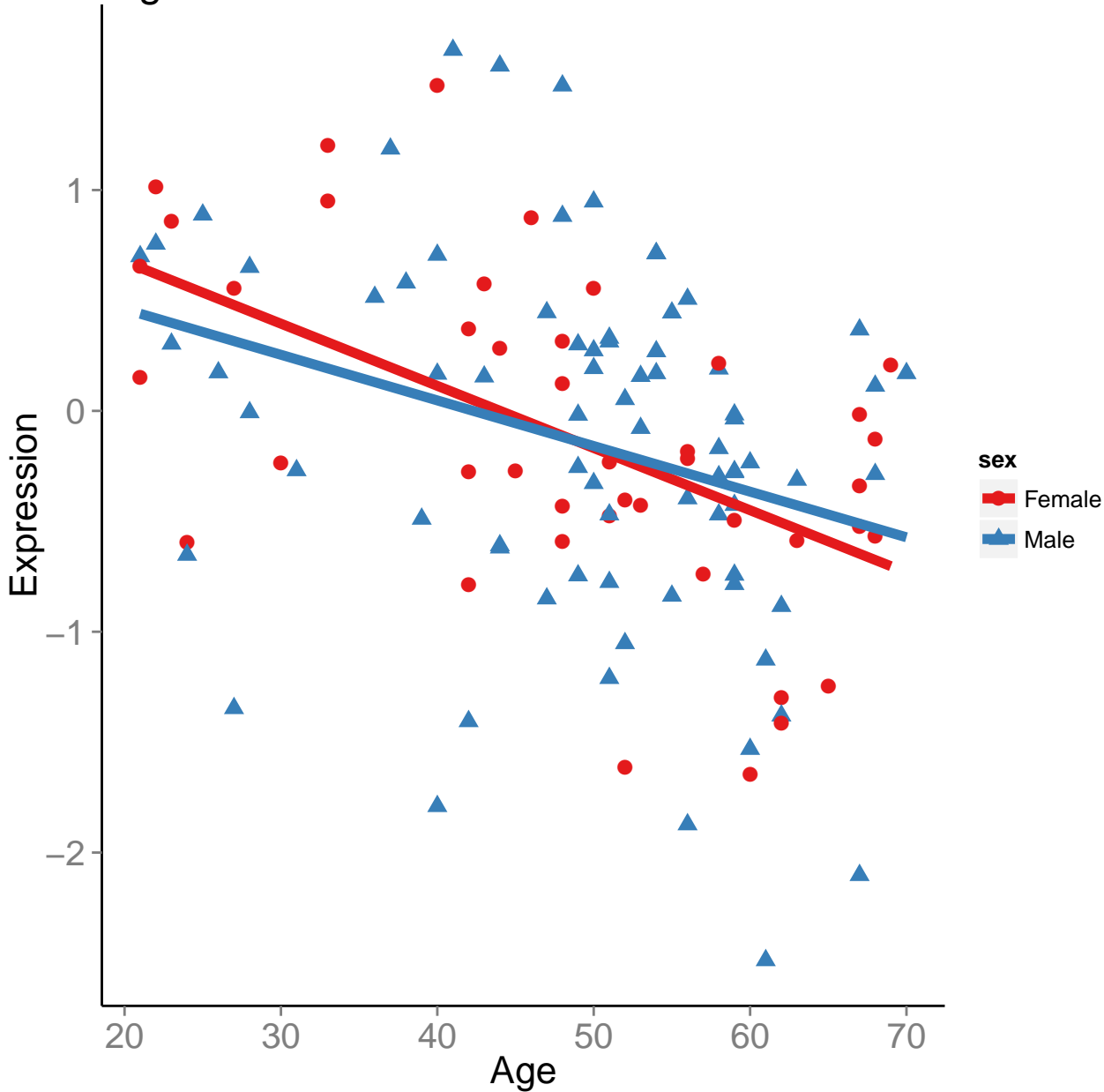
Lung: RBM47 Pearson-R=-0.39 Pval=1.30E-05



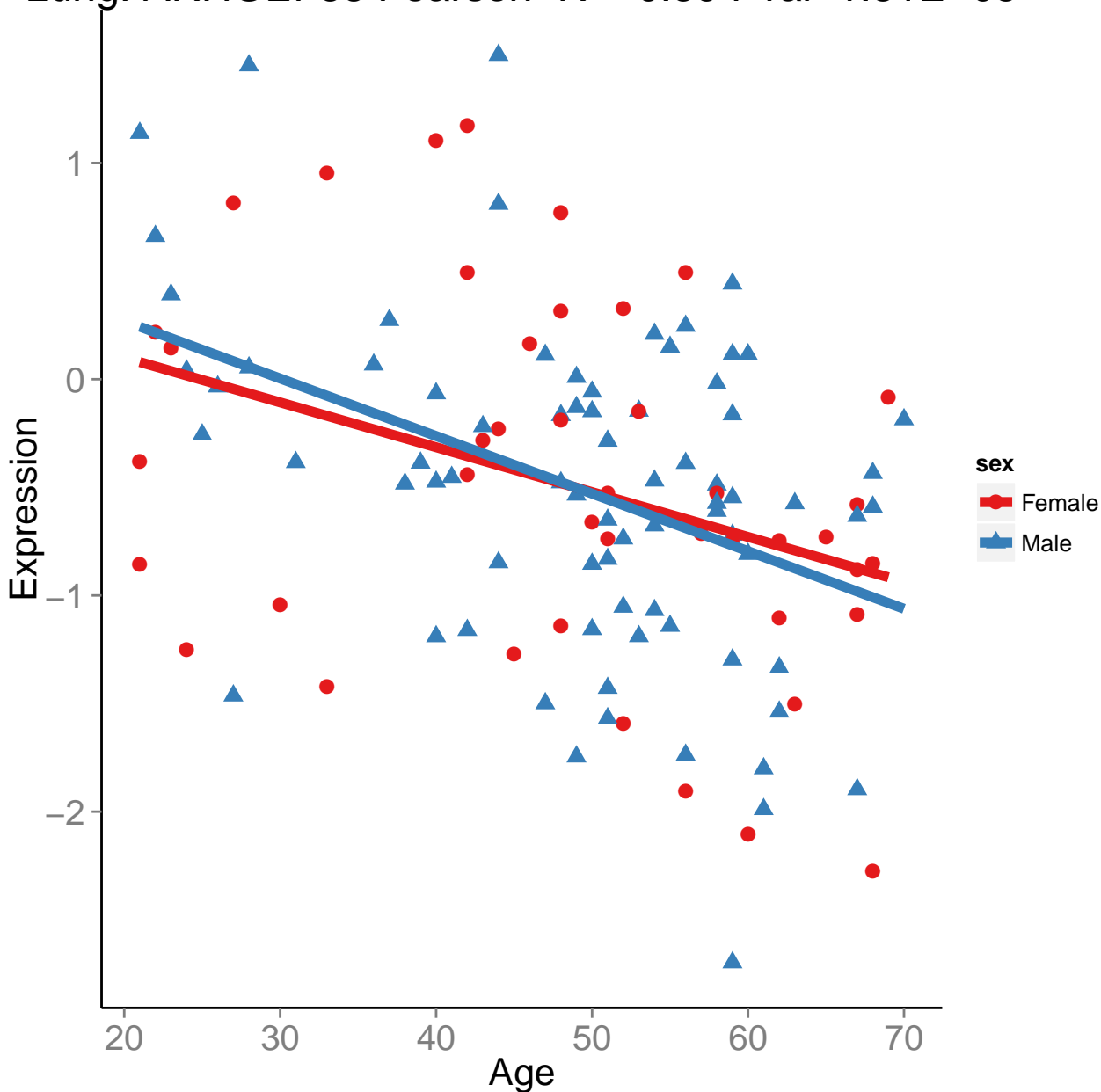
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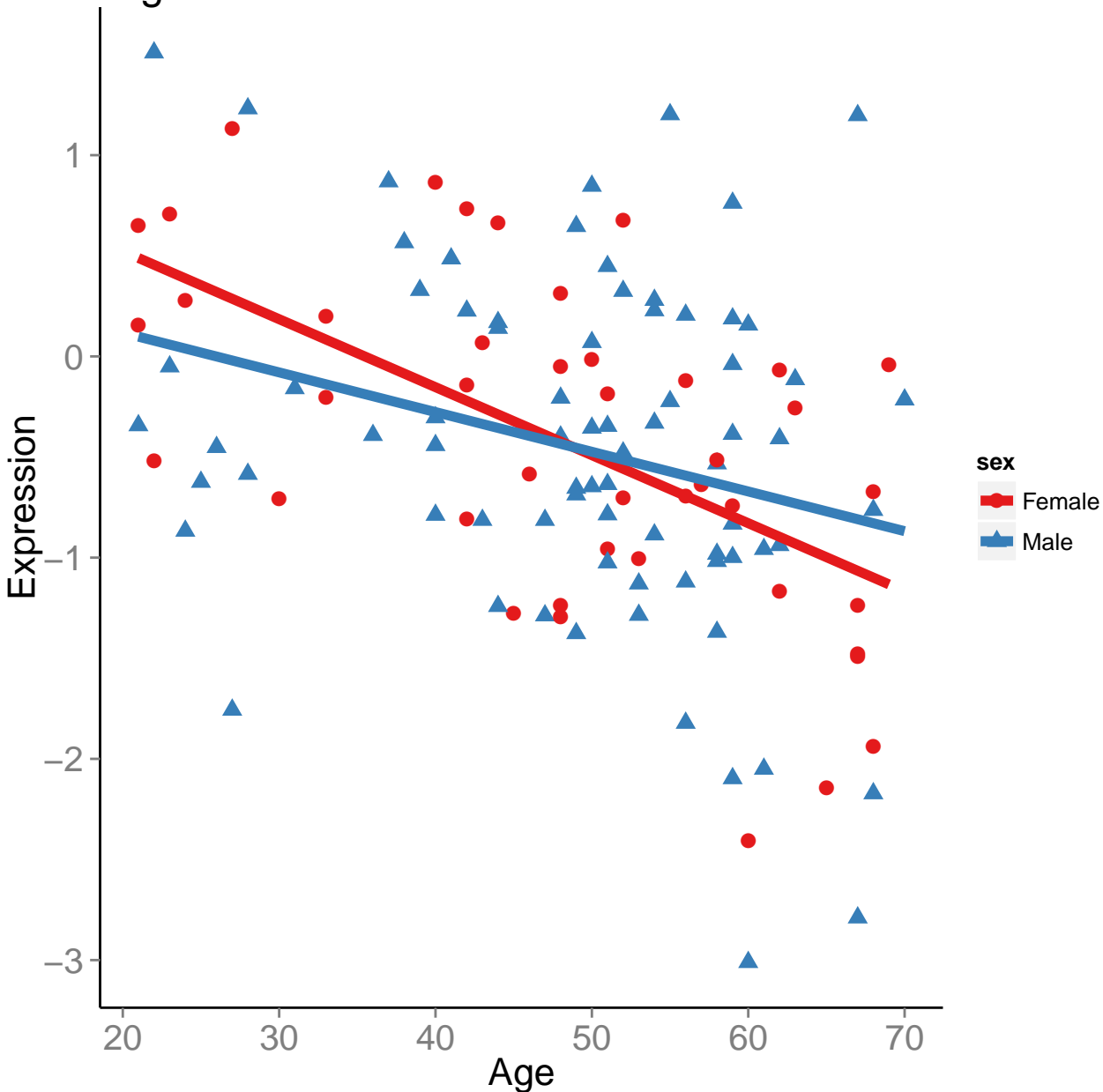
Lung: LAMP3 Pearson-R=-0.39 Pval=1.26E-05



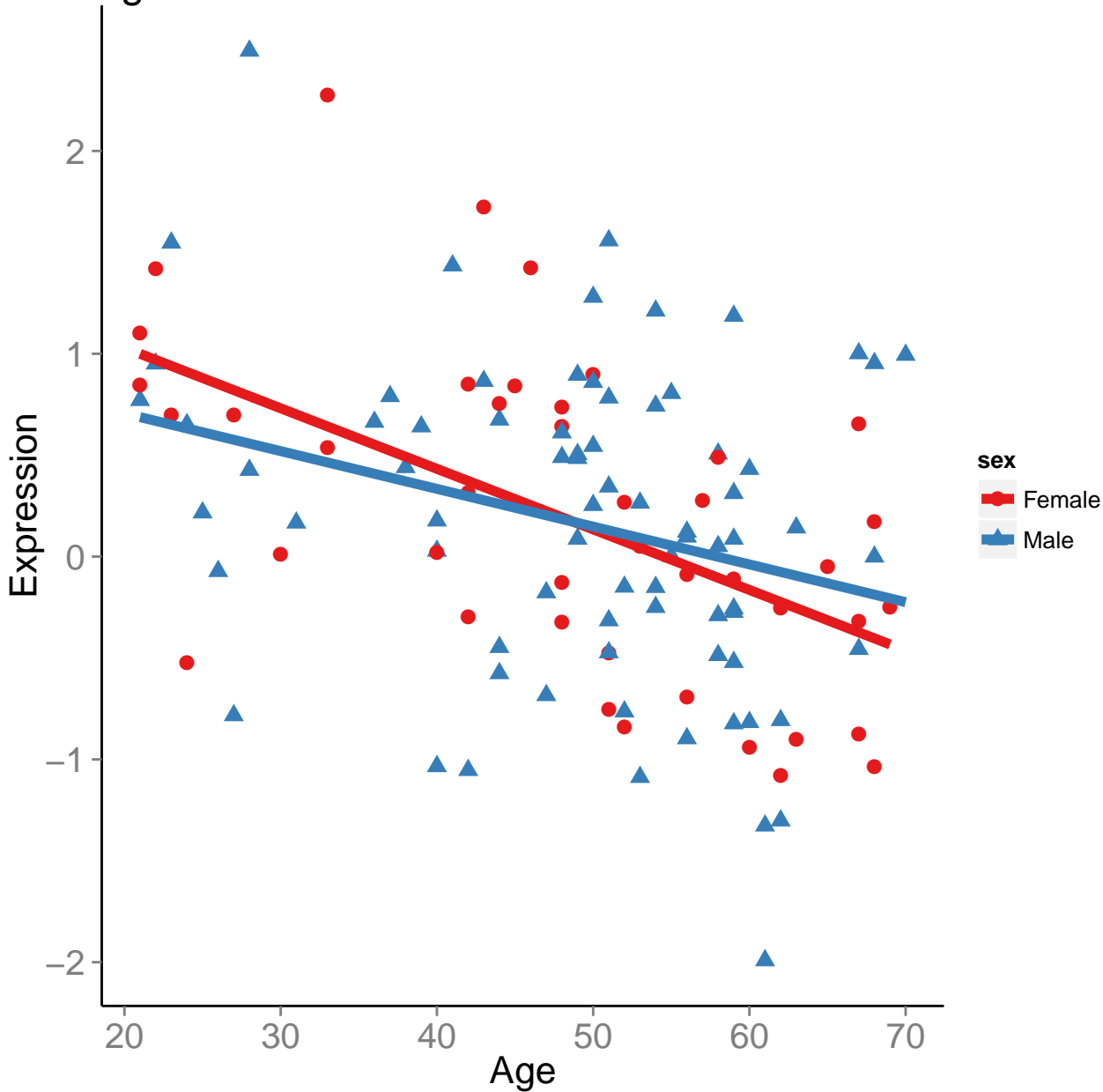
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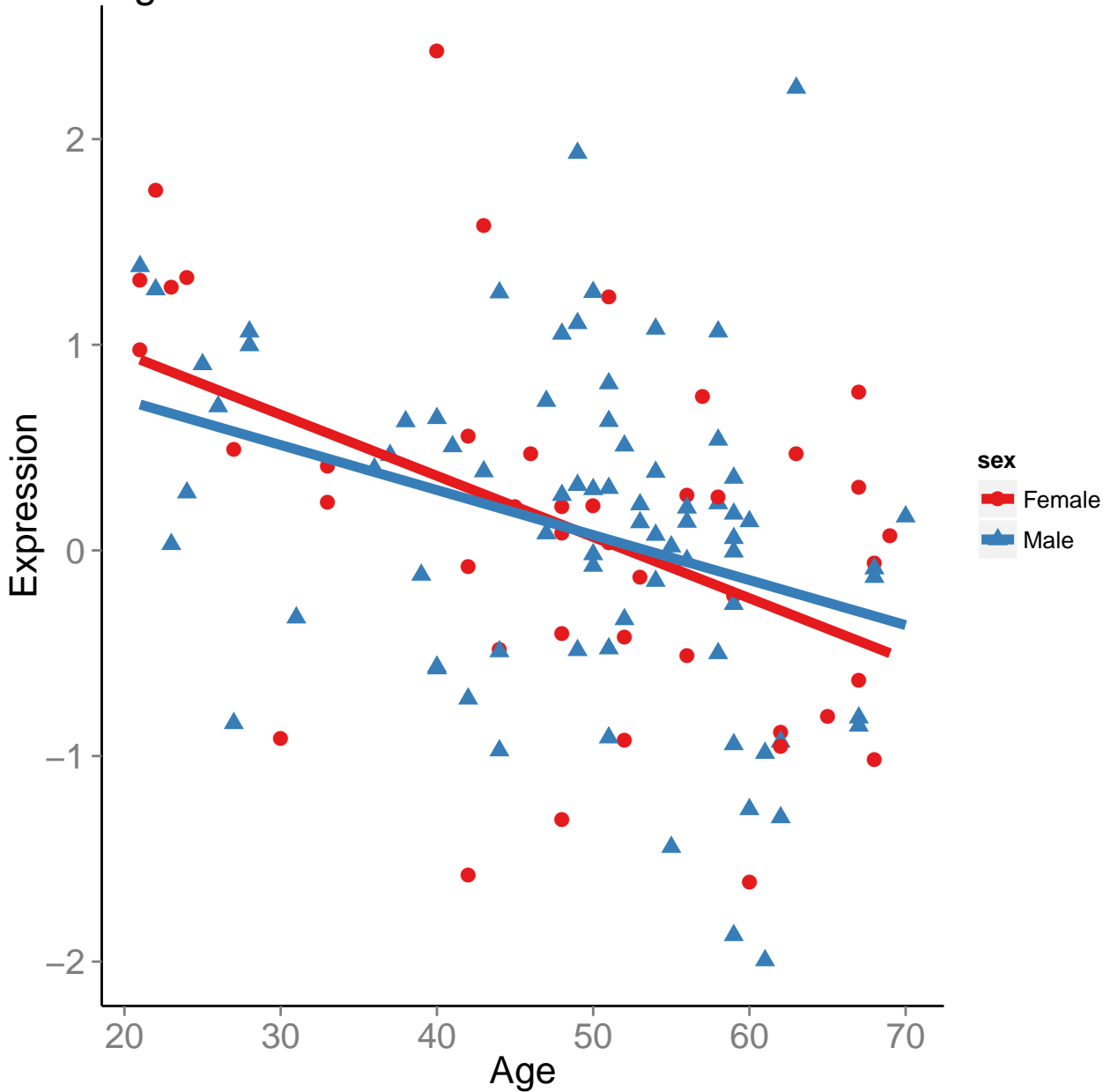
Lung: ALAS1 Pearson-R=-0.39 Pval=1.26E-05



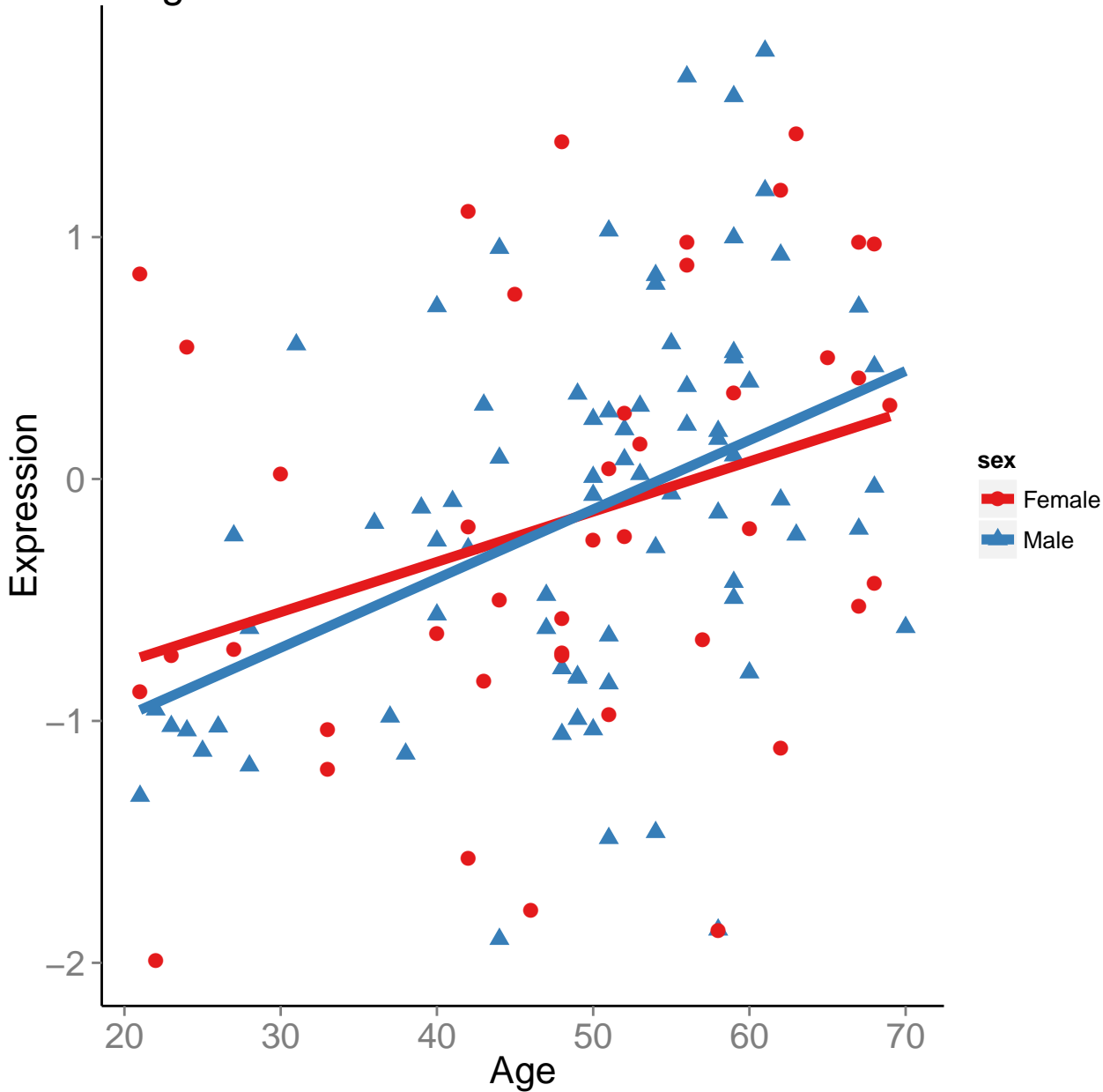
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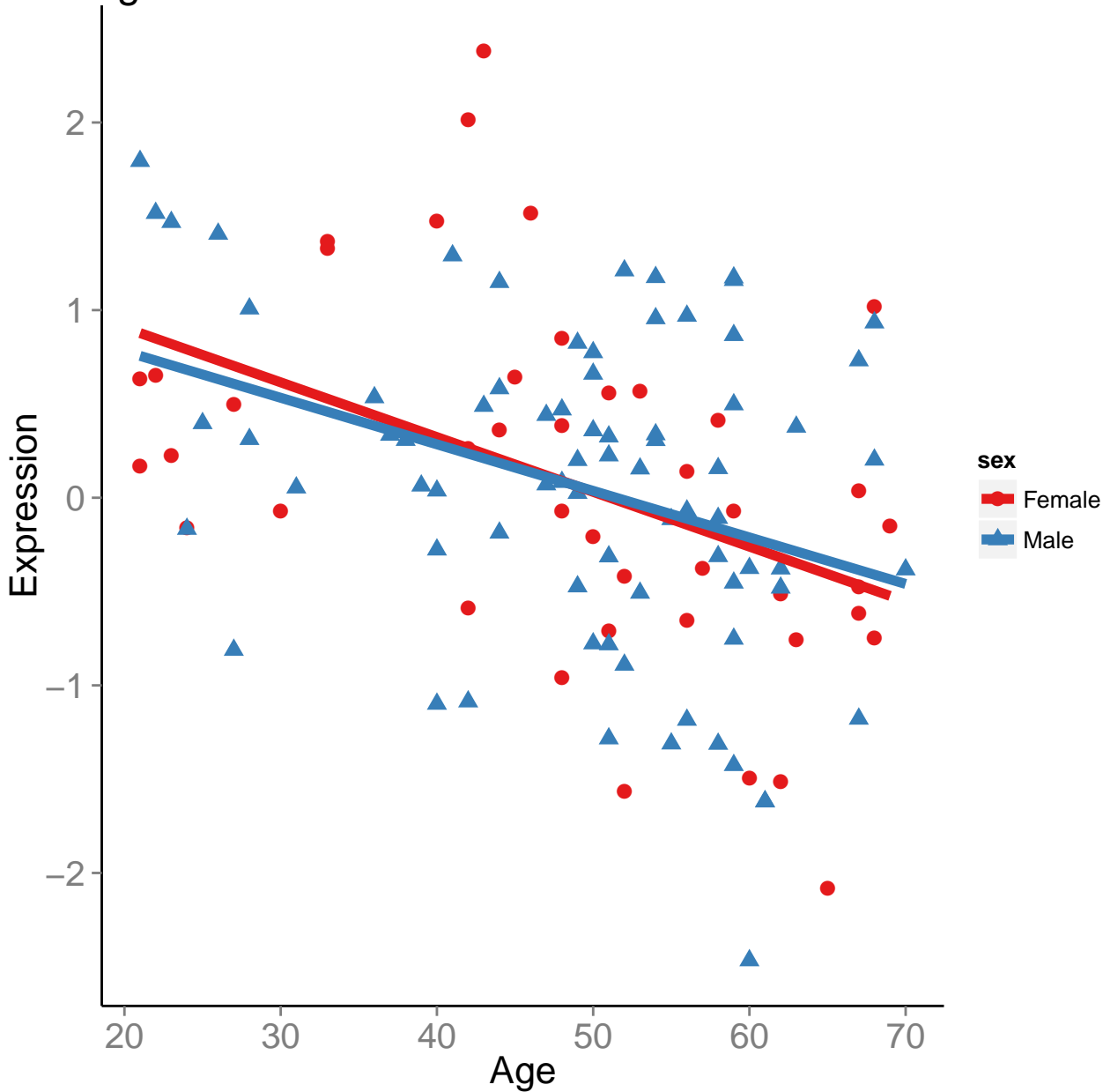
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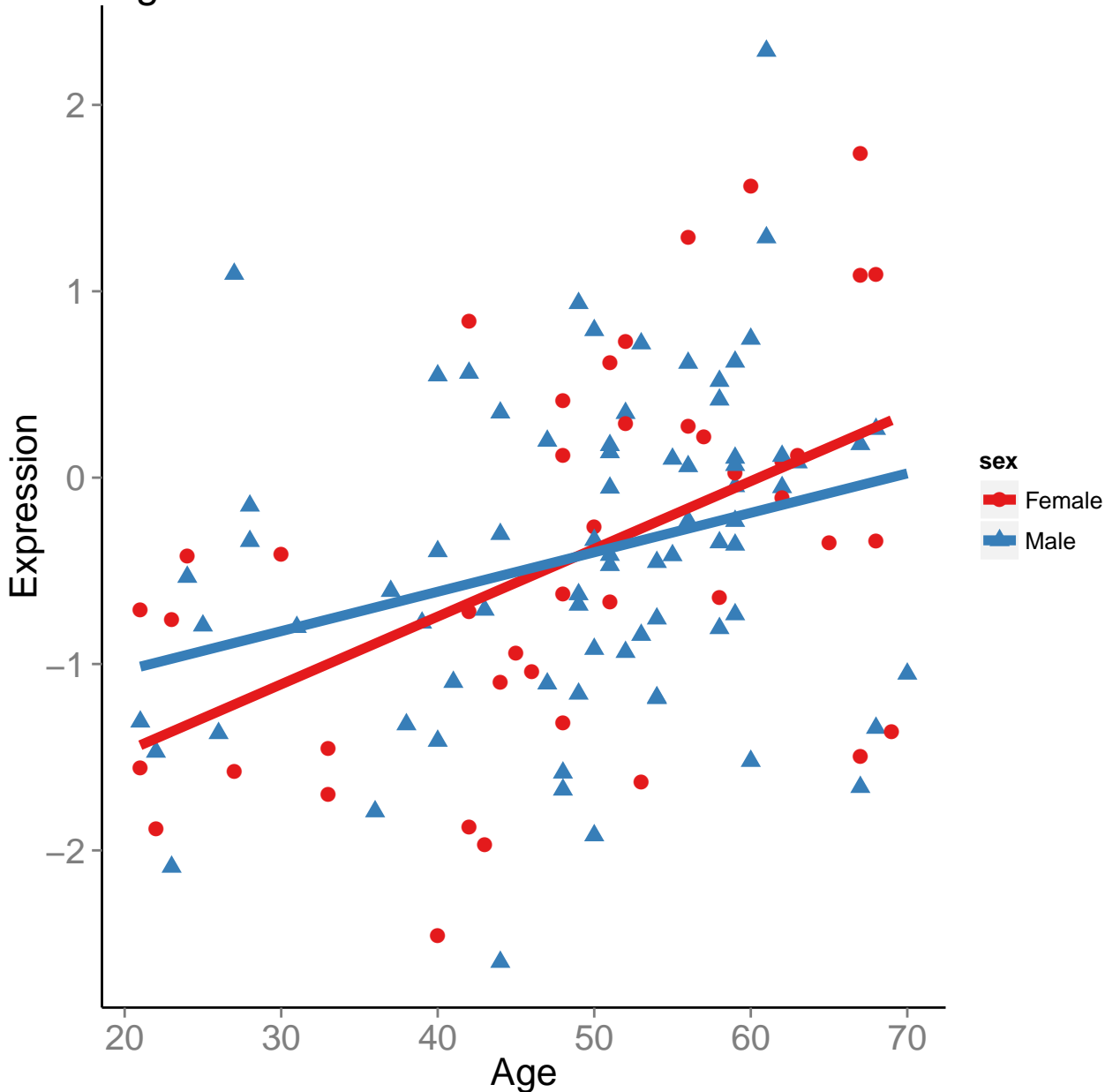
Lung: RECK Pearson-R=0.39 Pval=1.48E-05



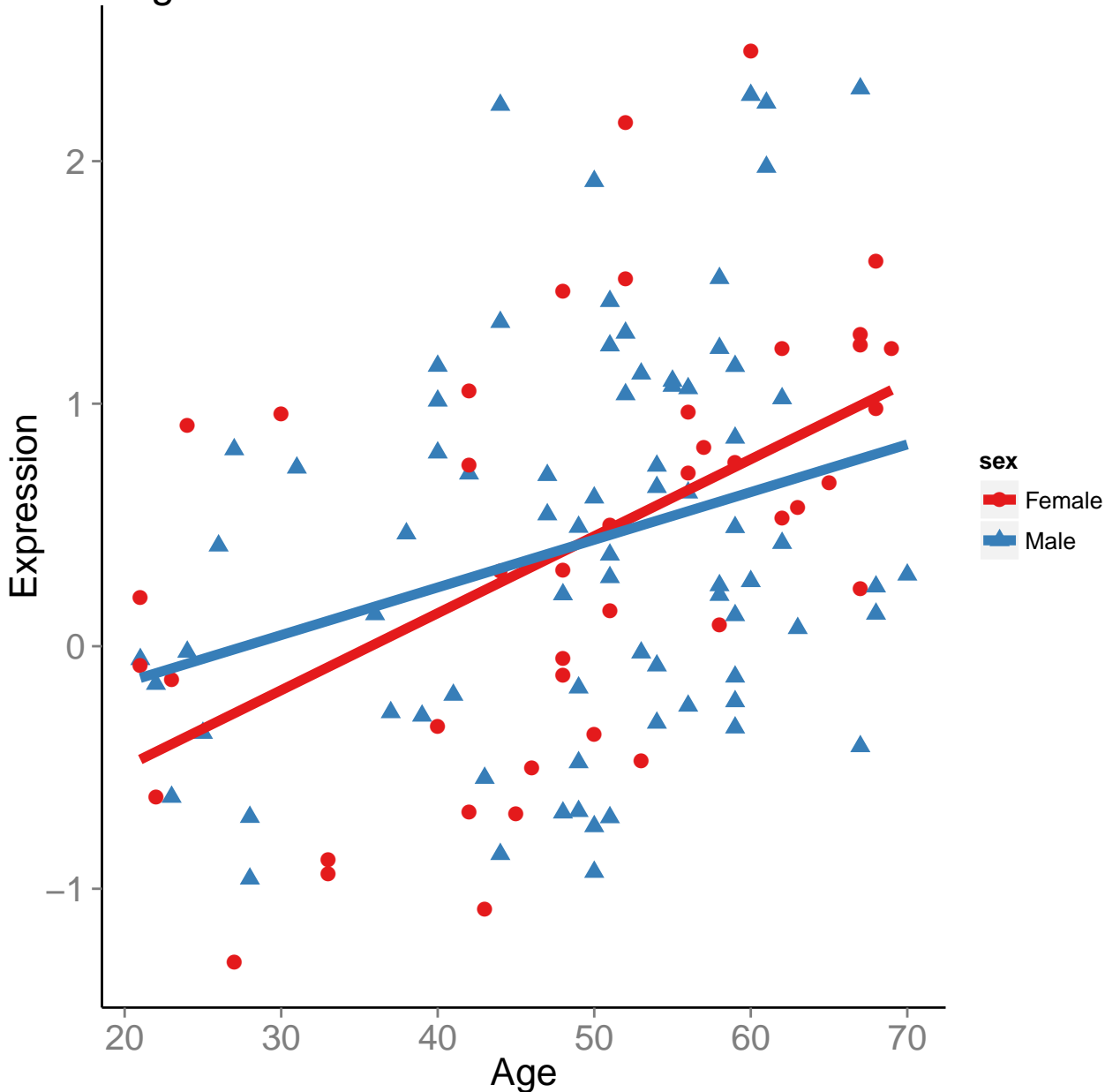
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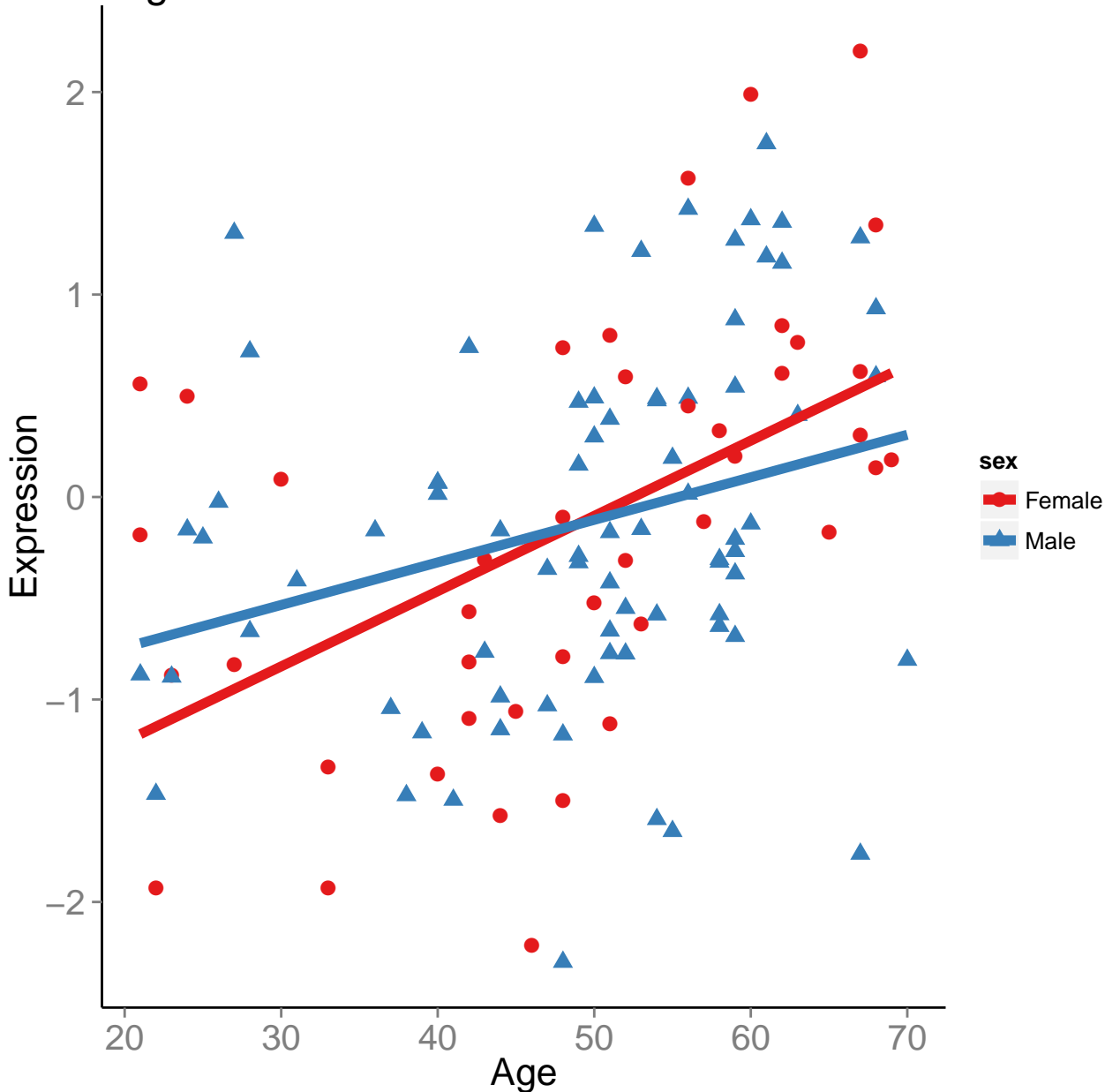
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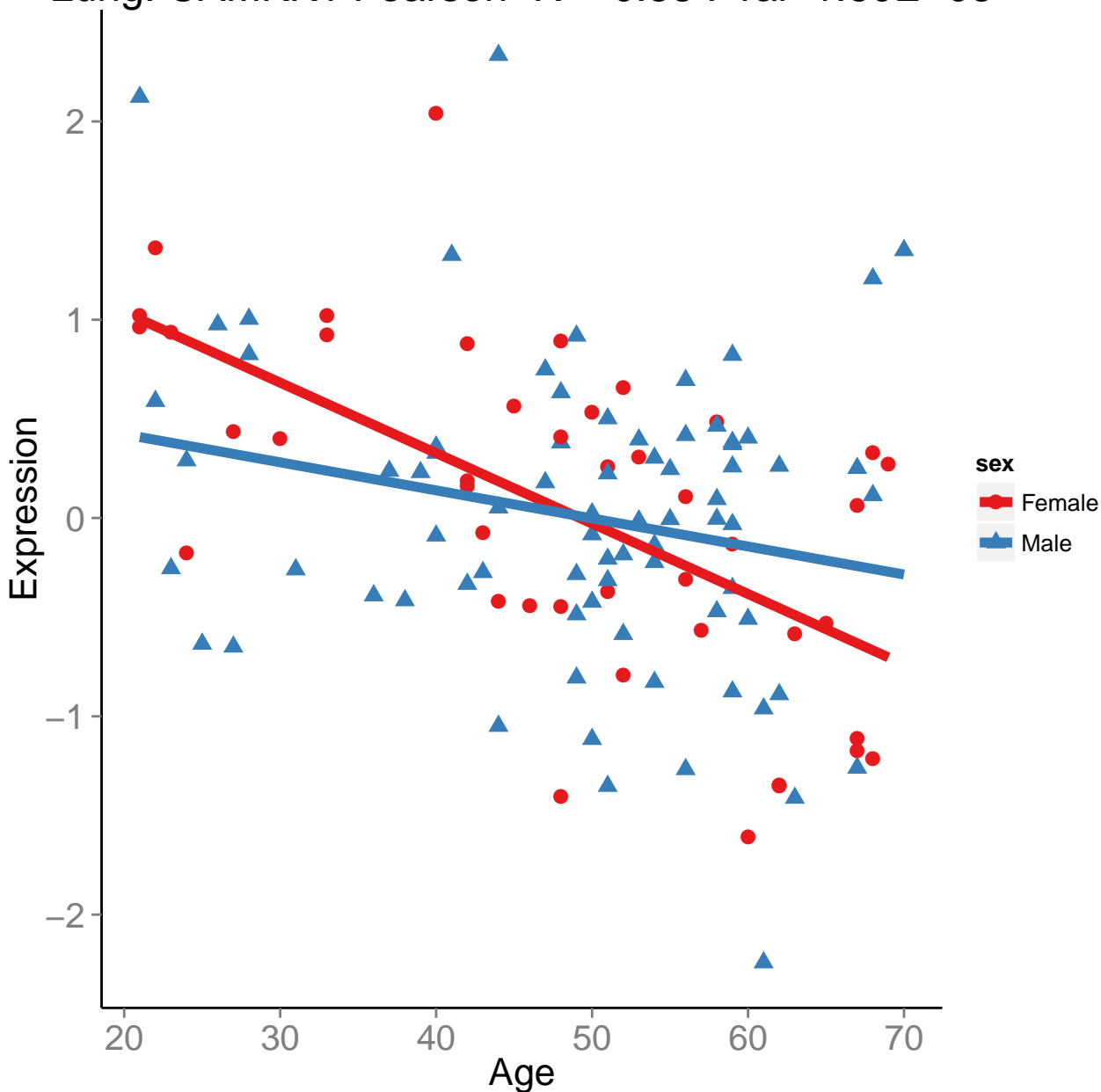
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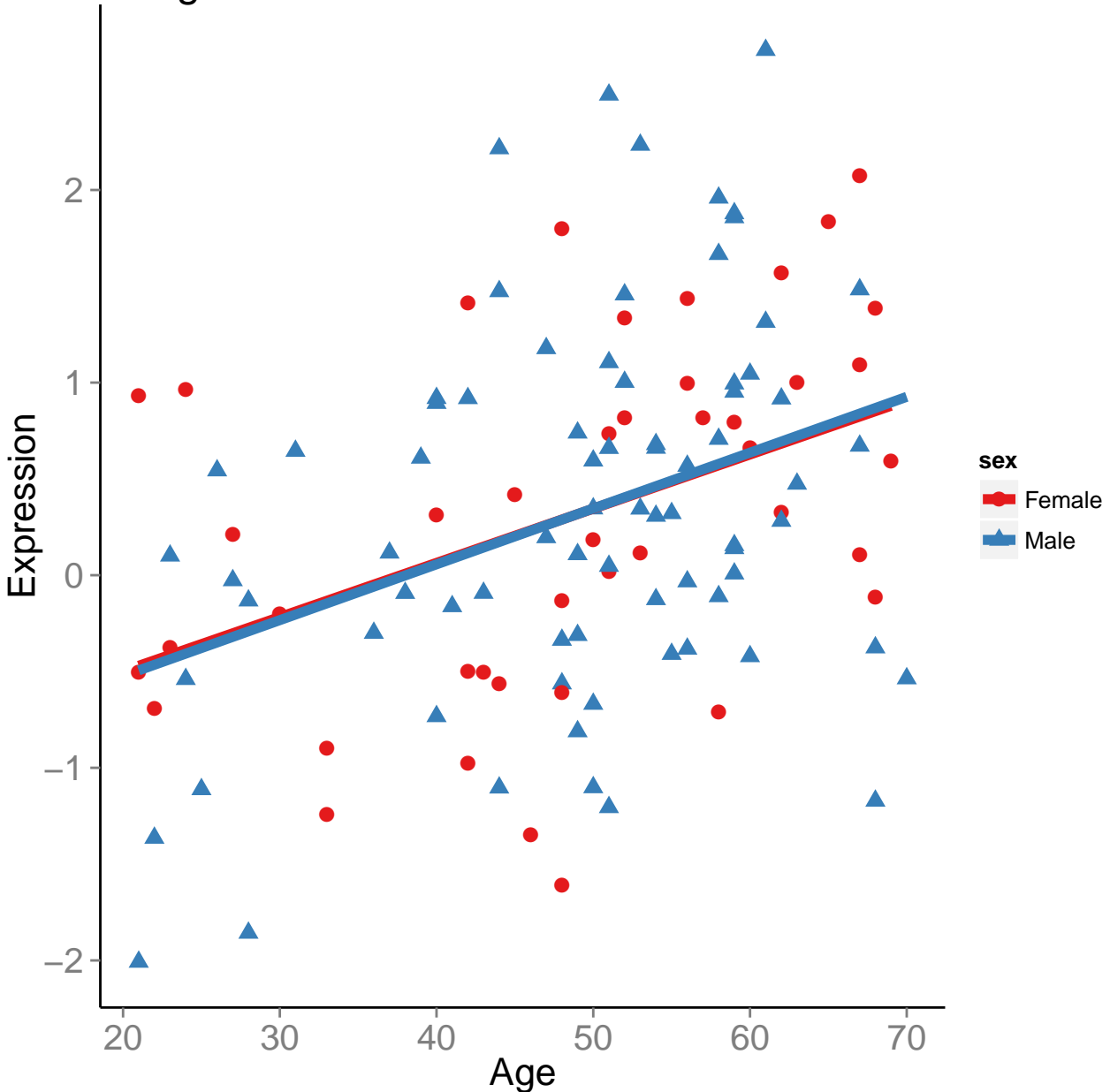
Lung: MOCS1 Pearson-R=0.38 Pval=1.54E-05



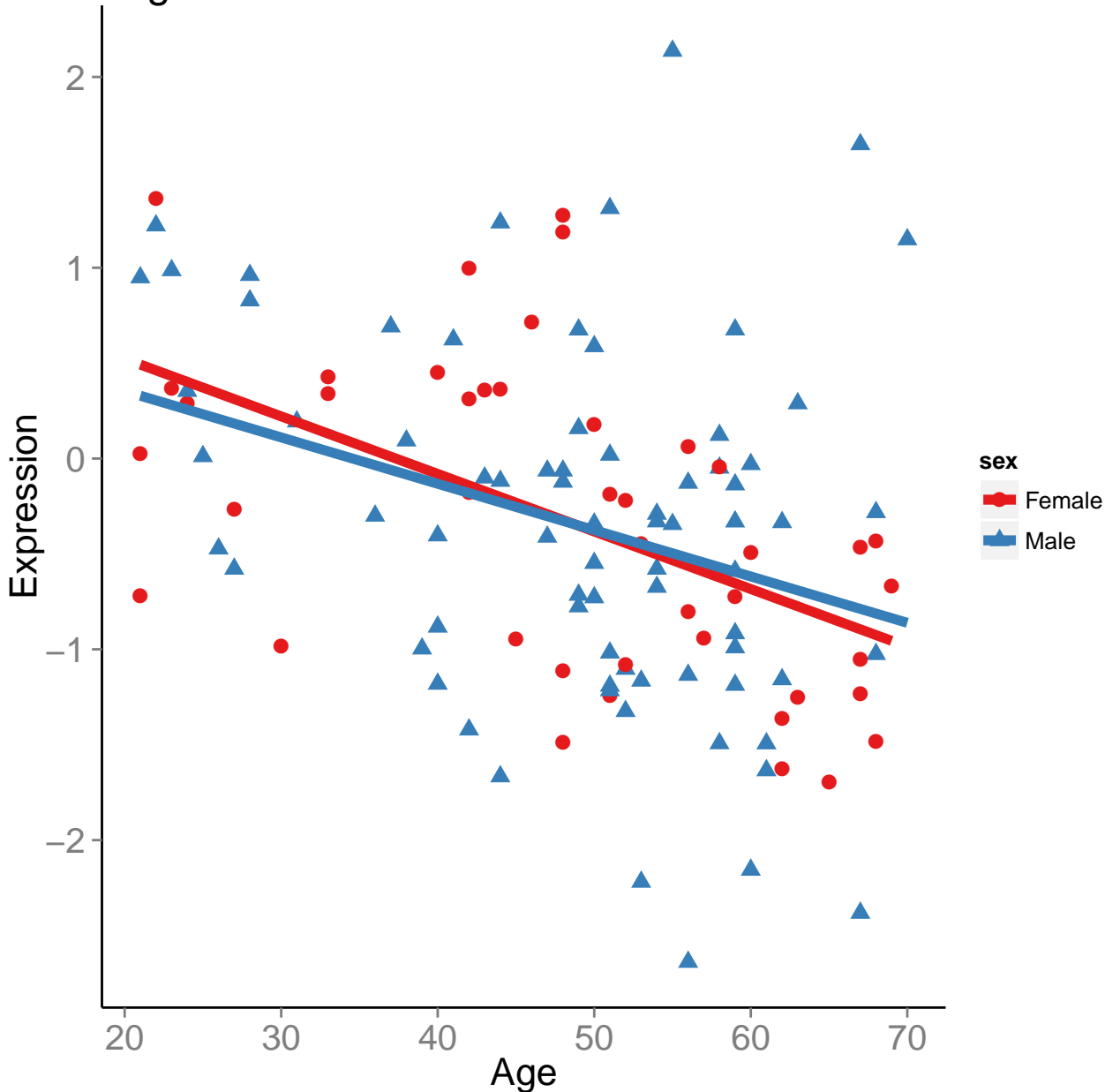
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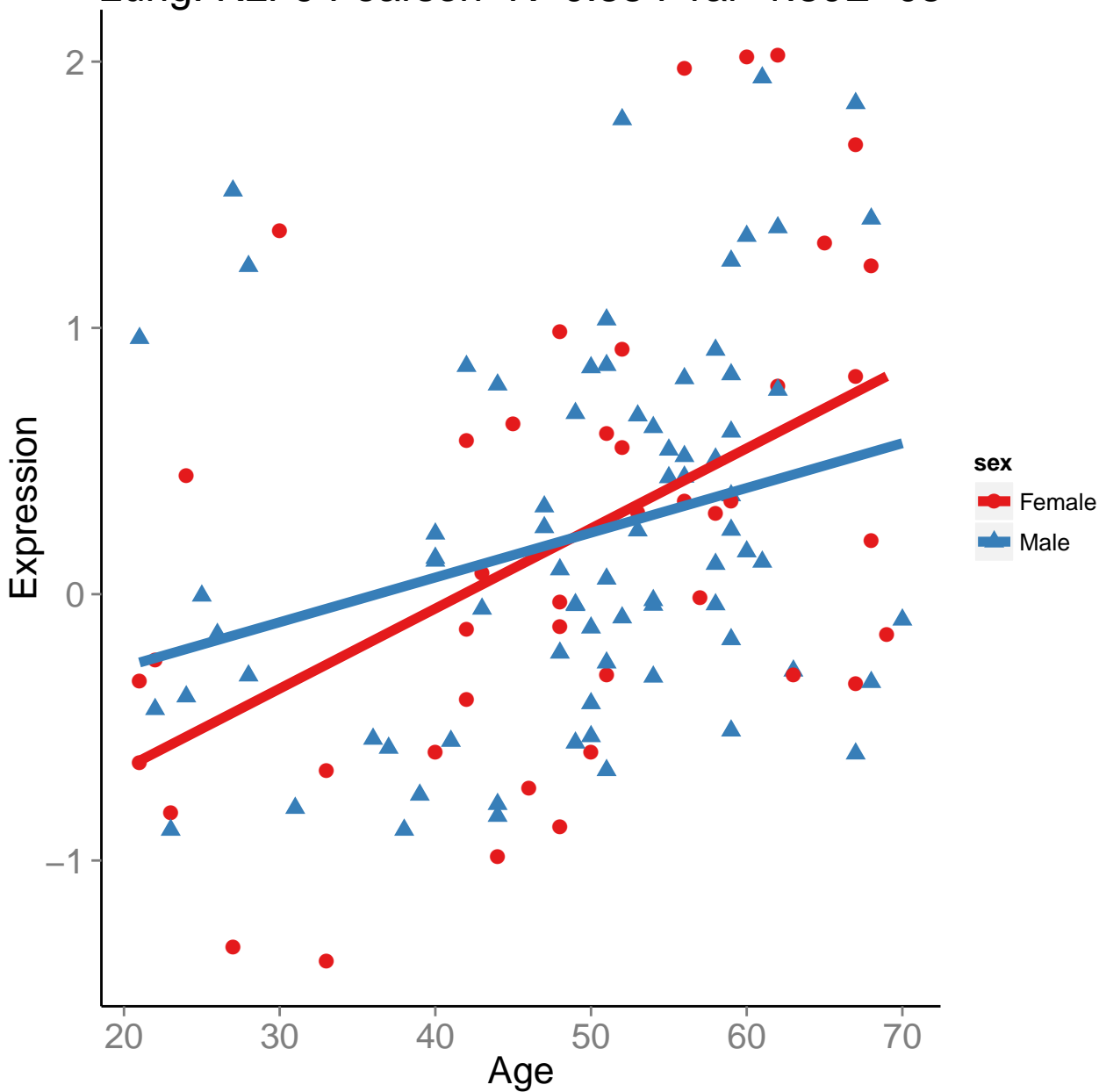
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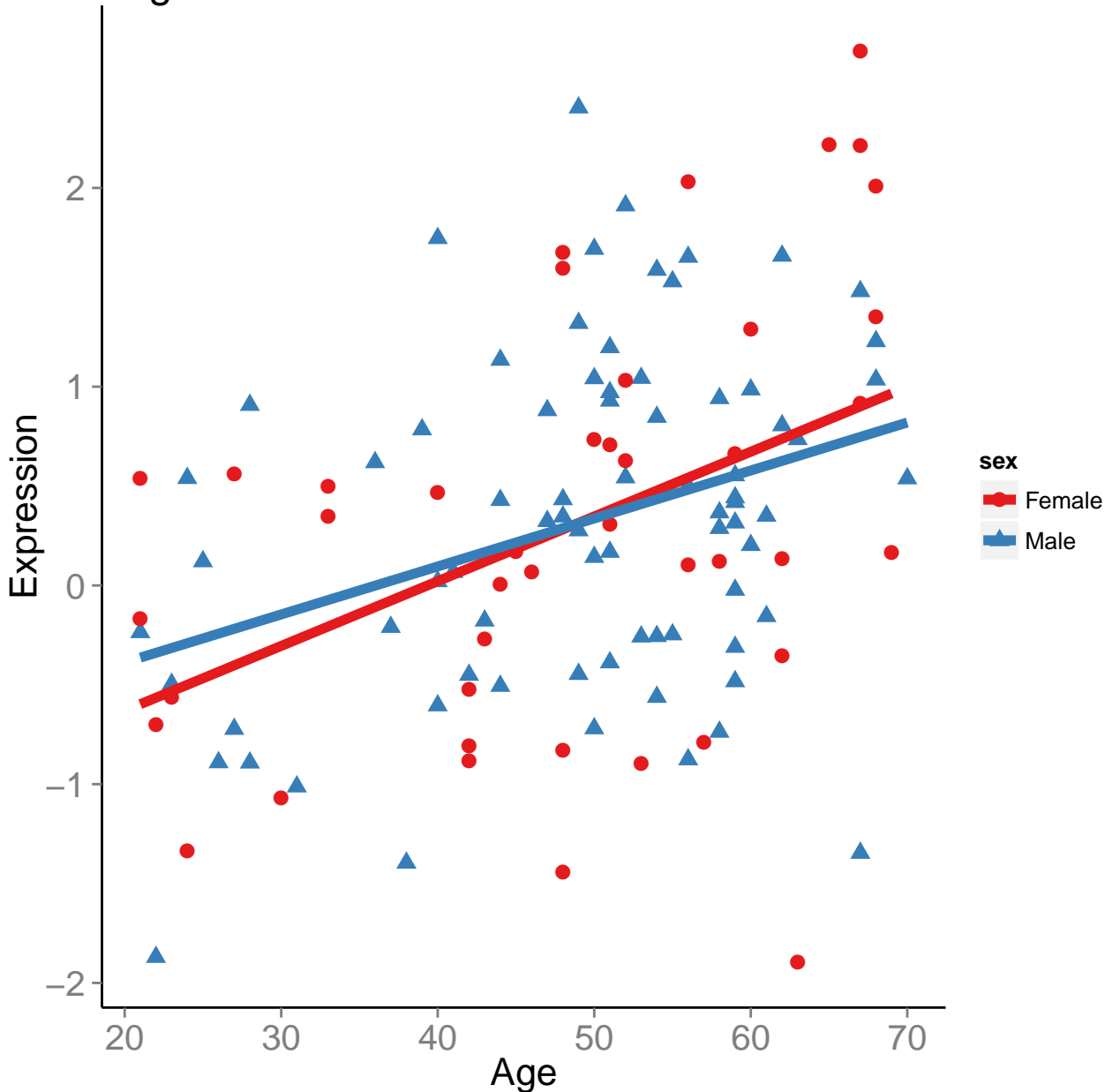
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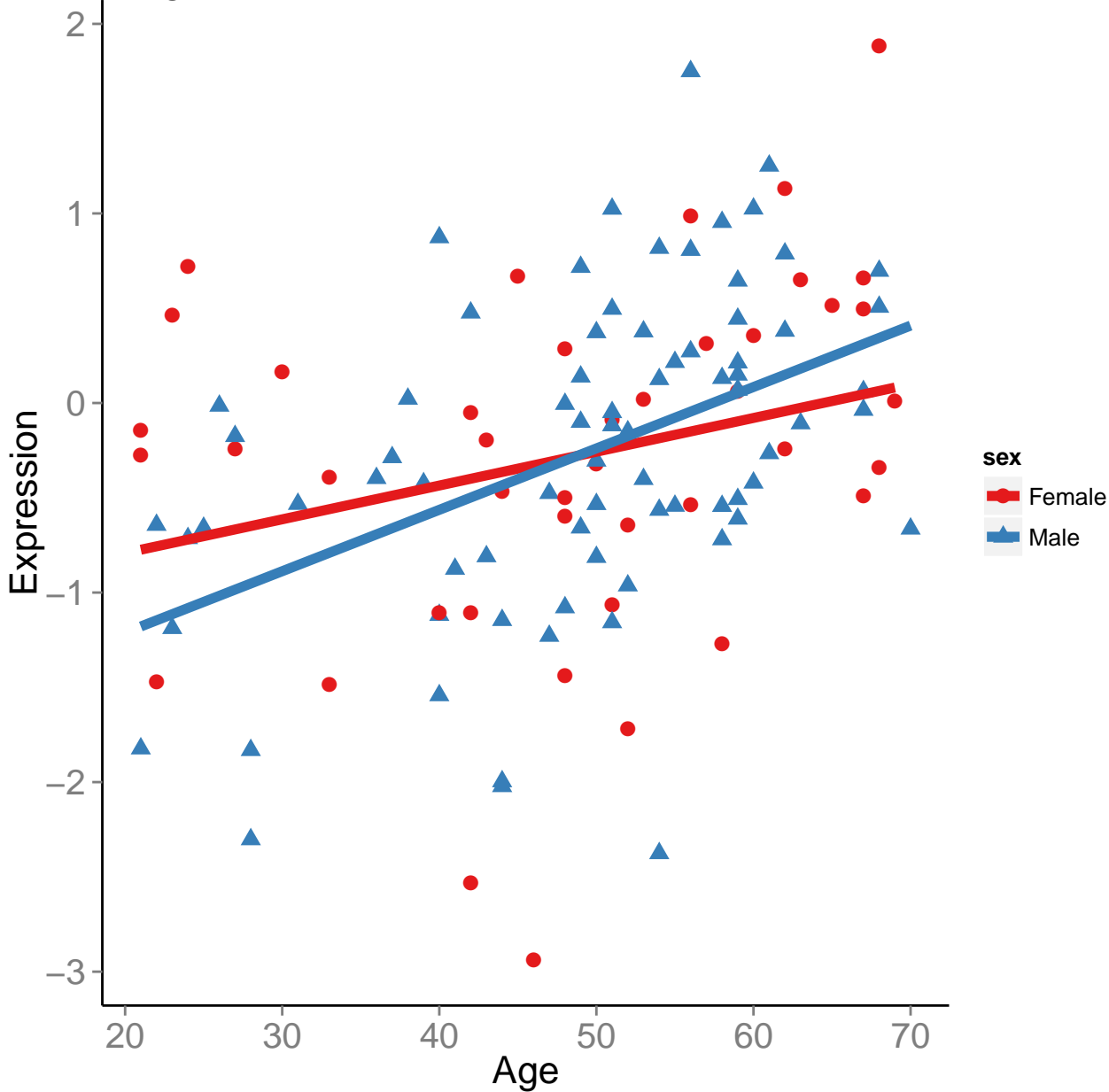
Lung: KLF9 Pearson-R=0.38 Pval=1.80E-05



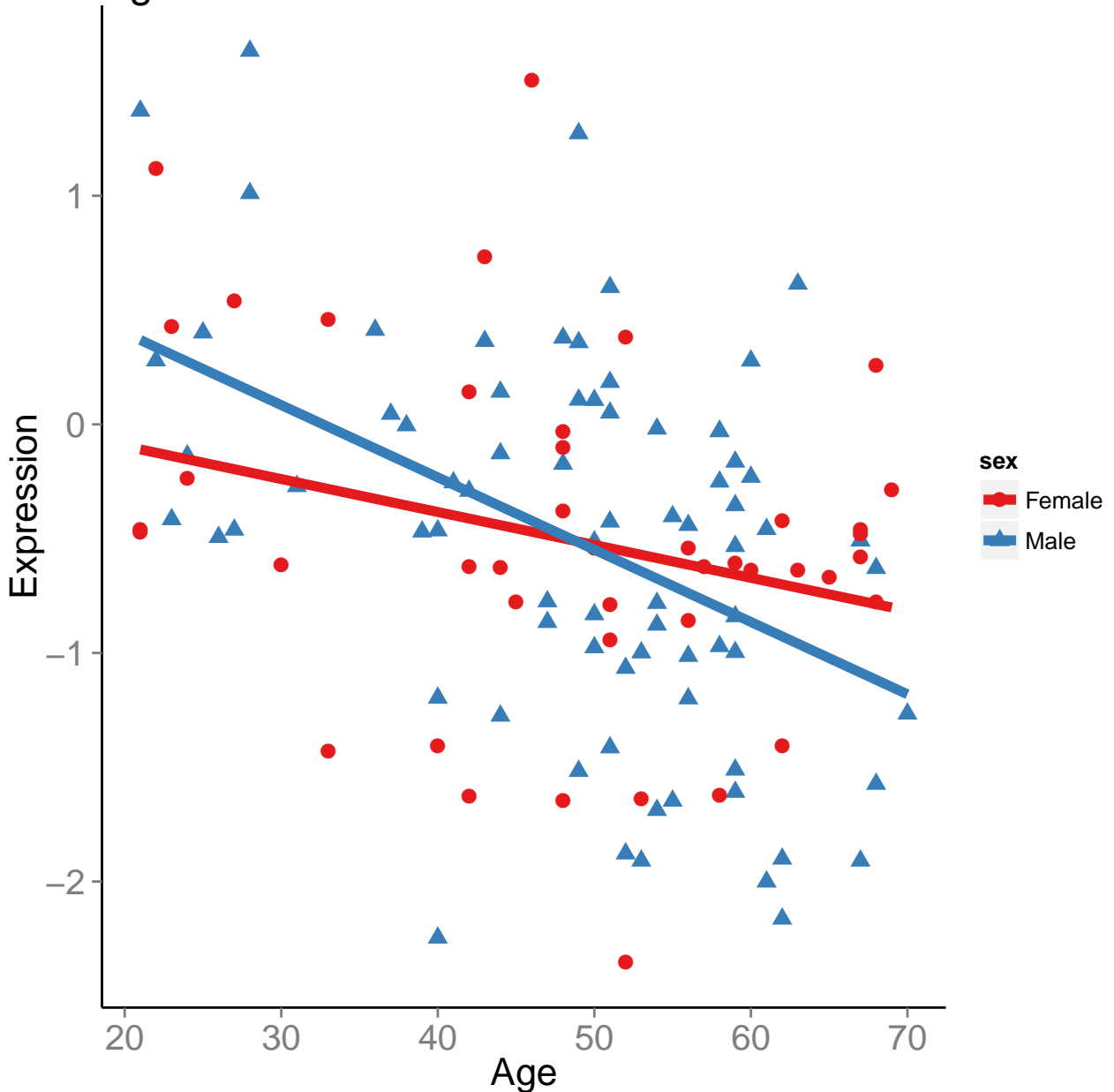
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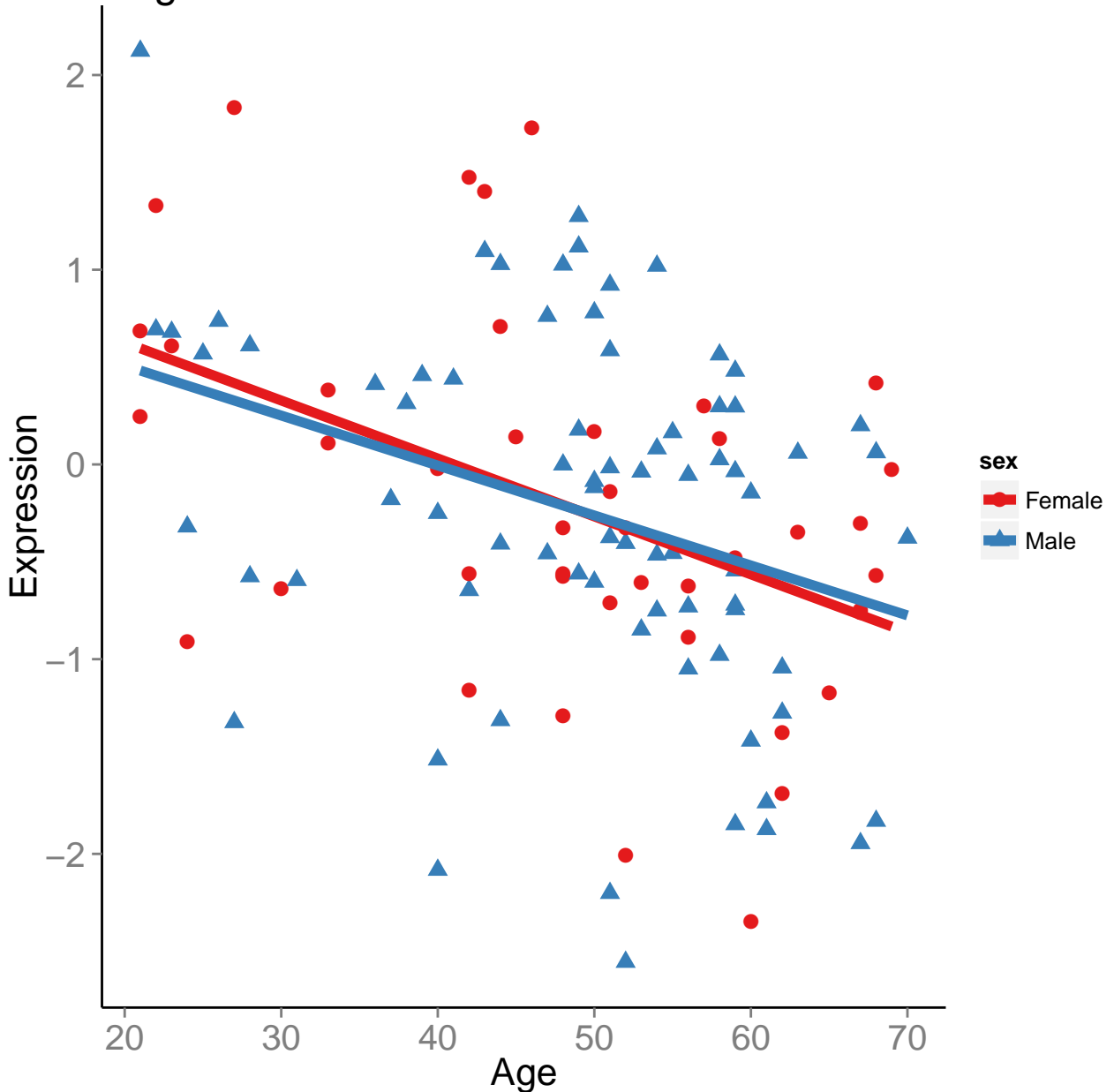
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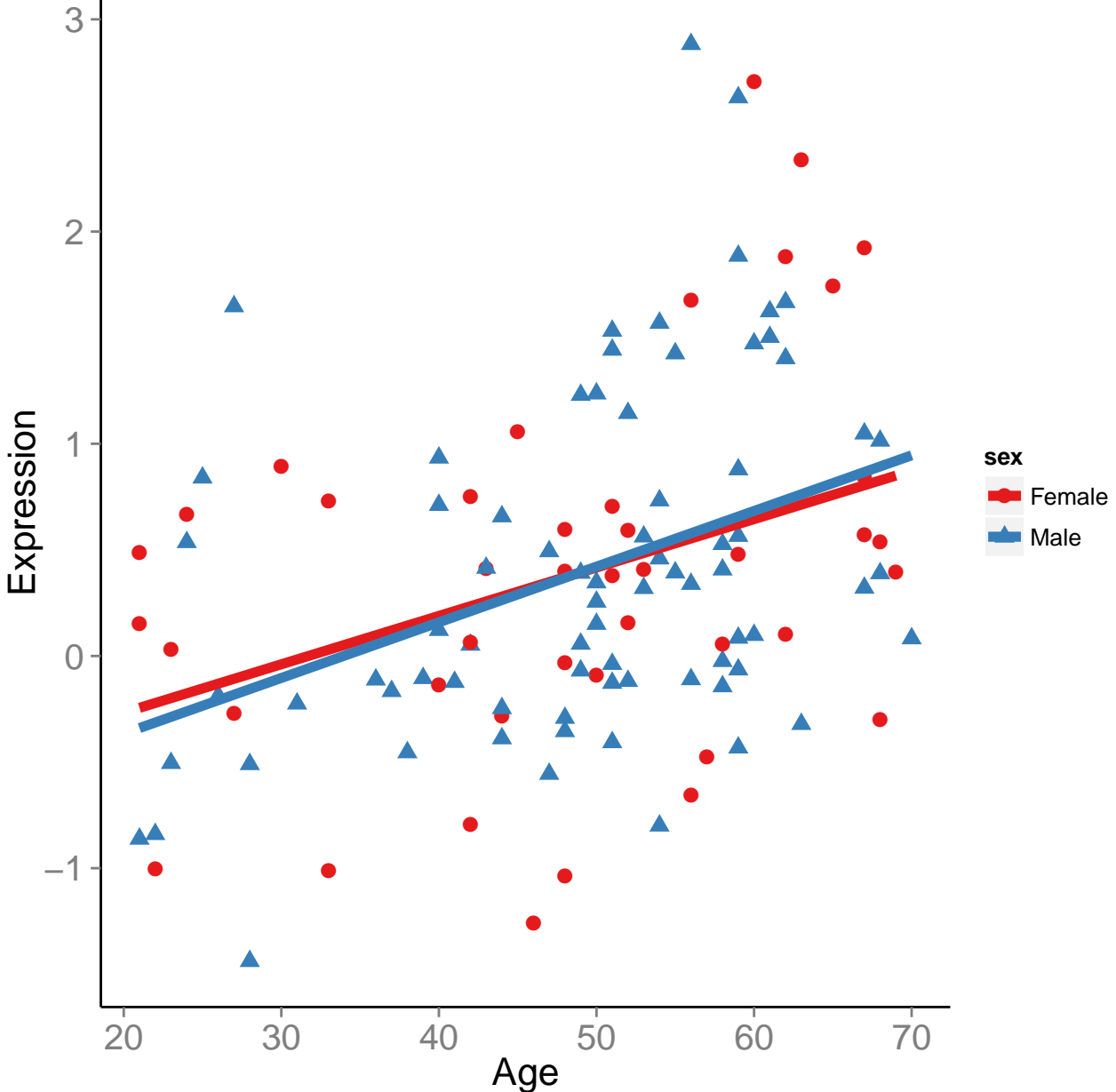
Lung: YEATS4 Pearson-R=-0.38 Pval=2.07E-05



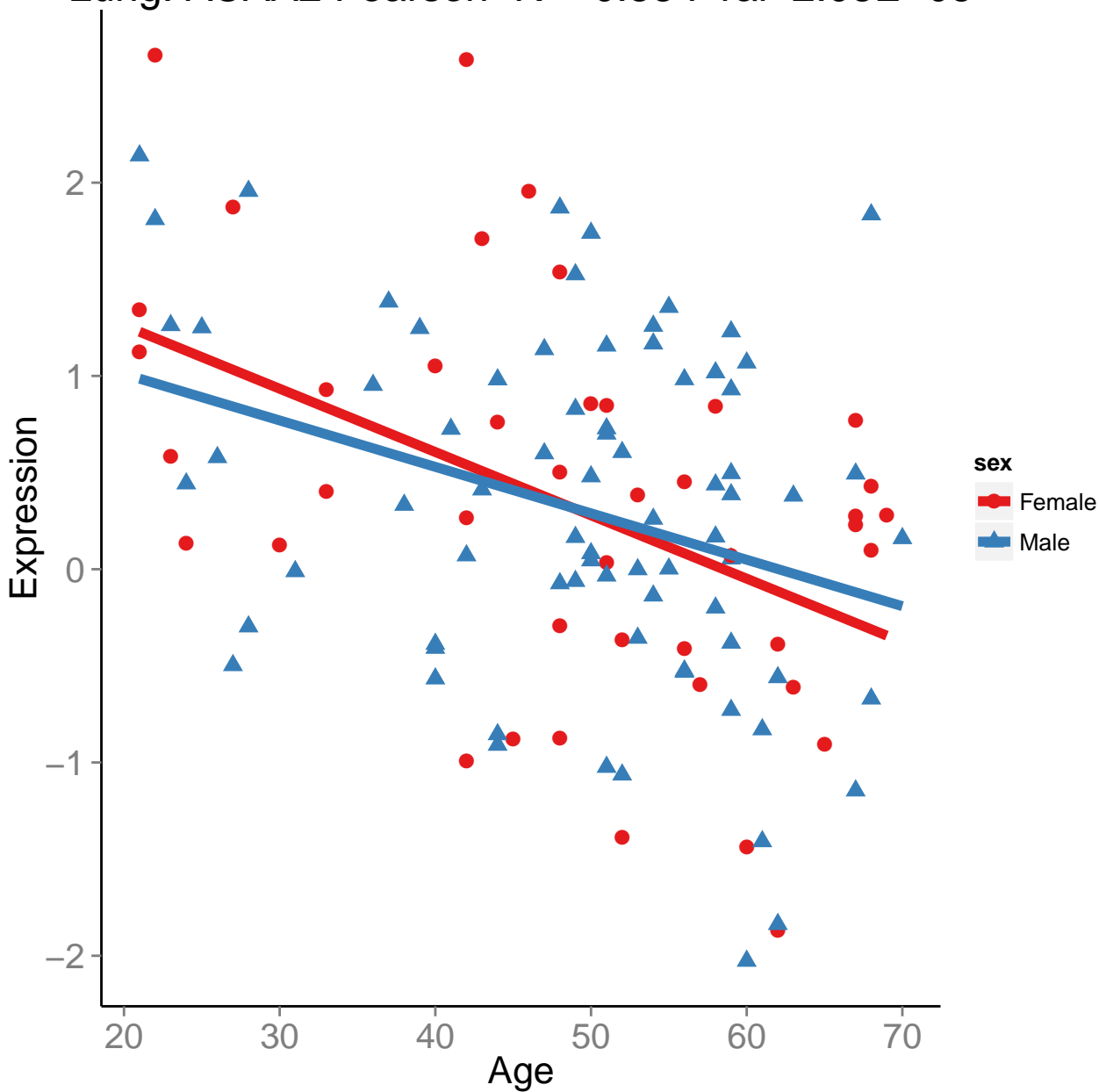
Lung: FEN1 Pearson-R=-0.38 Pval=2.01E-05



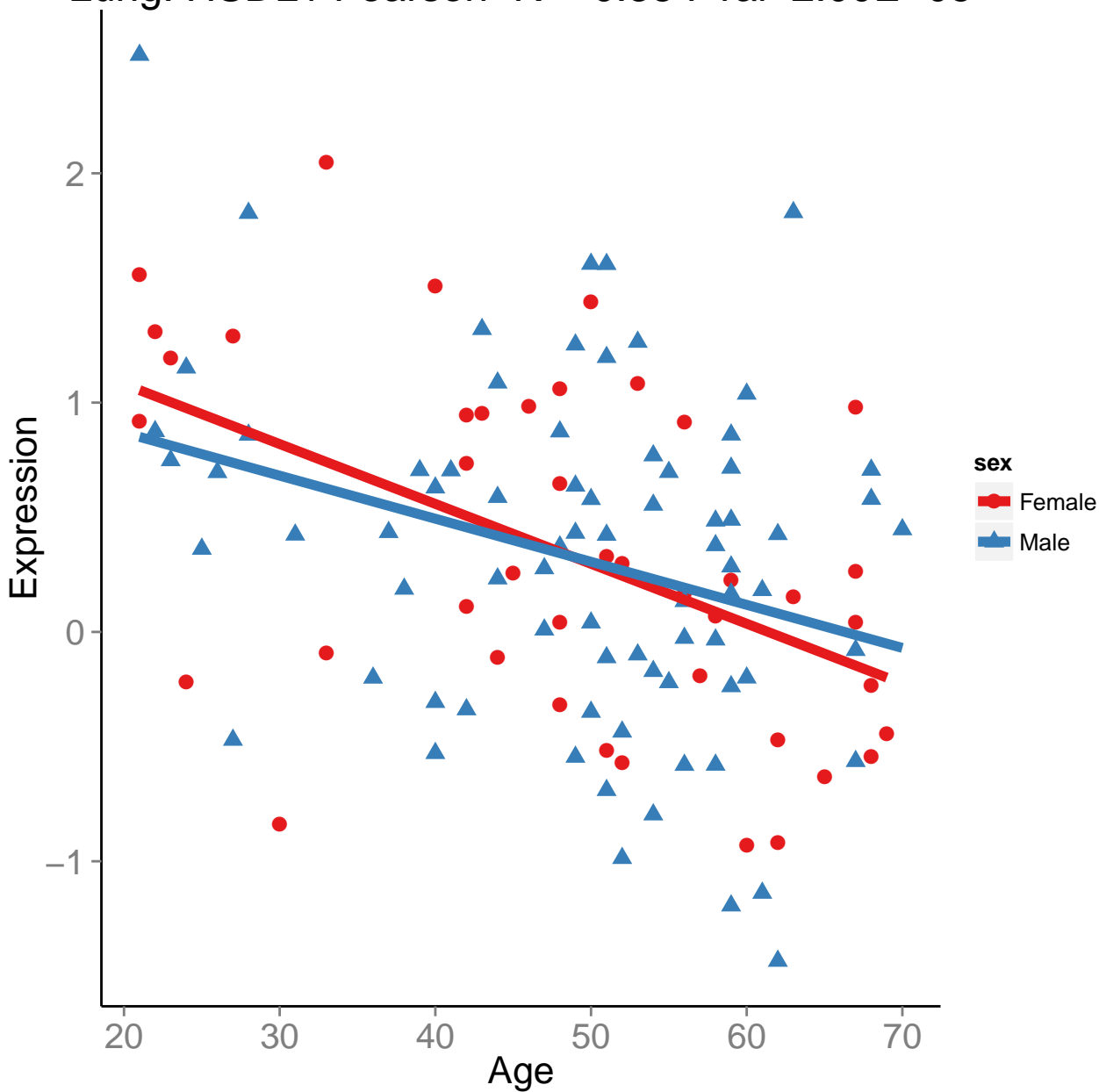
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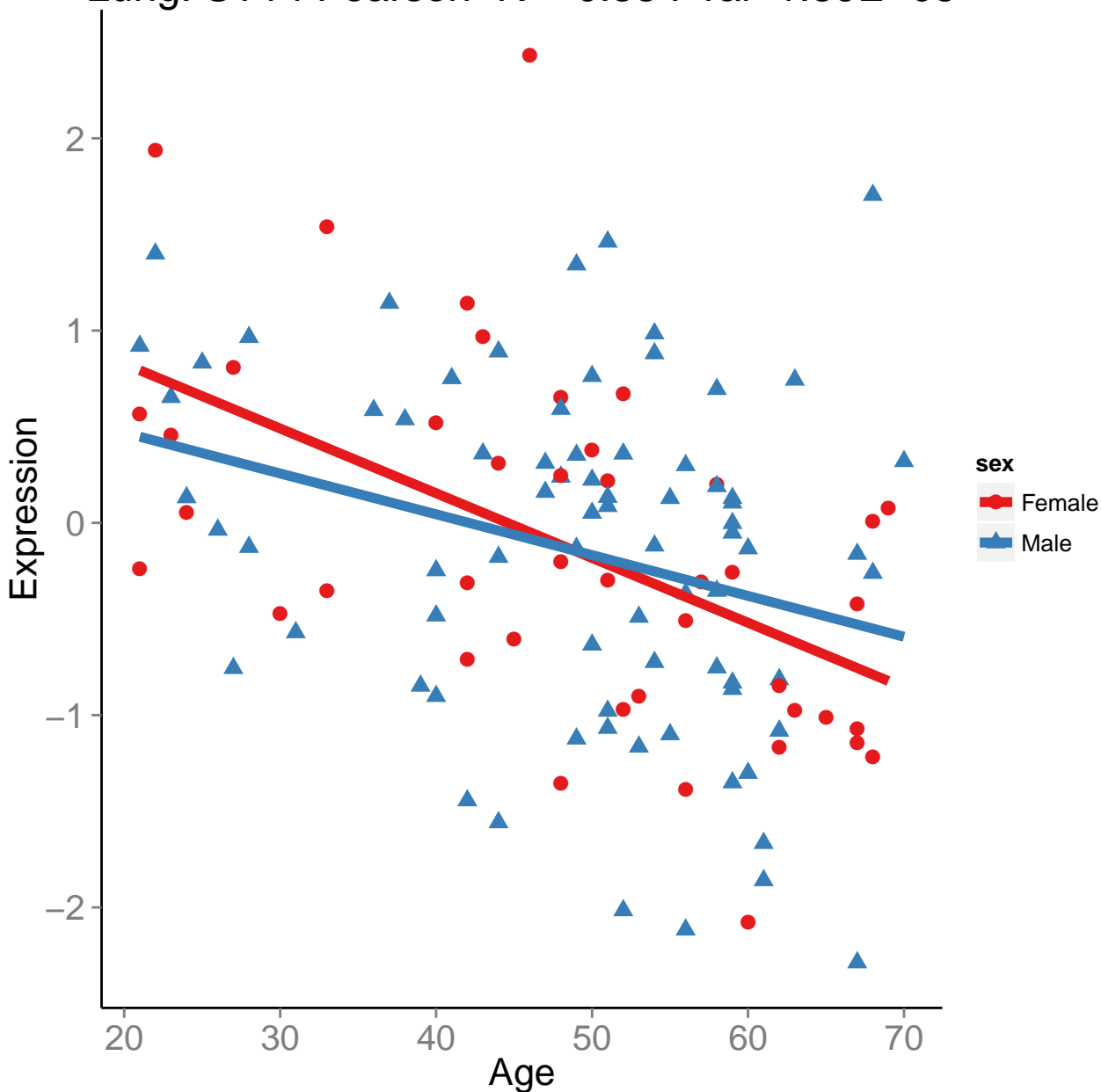
Lung: ACAA2 Pearson-R=-0.38 Pval=2.08E-05



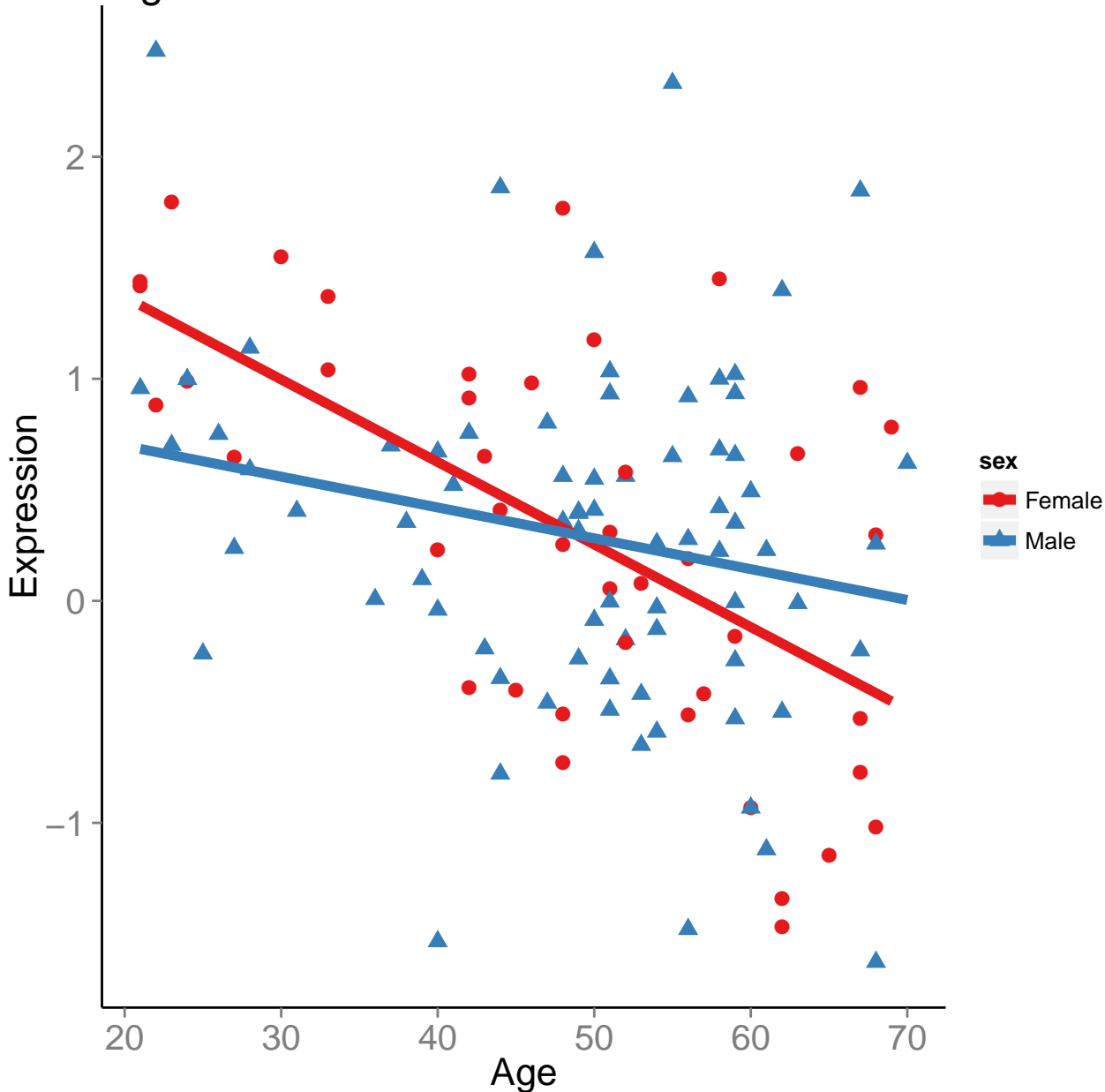
Lung: HSDL1 Pearson-R=-0.38 Pval=2.00E-05



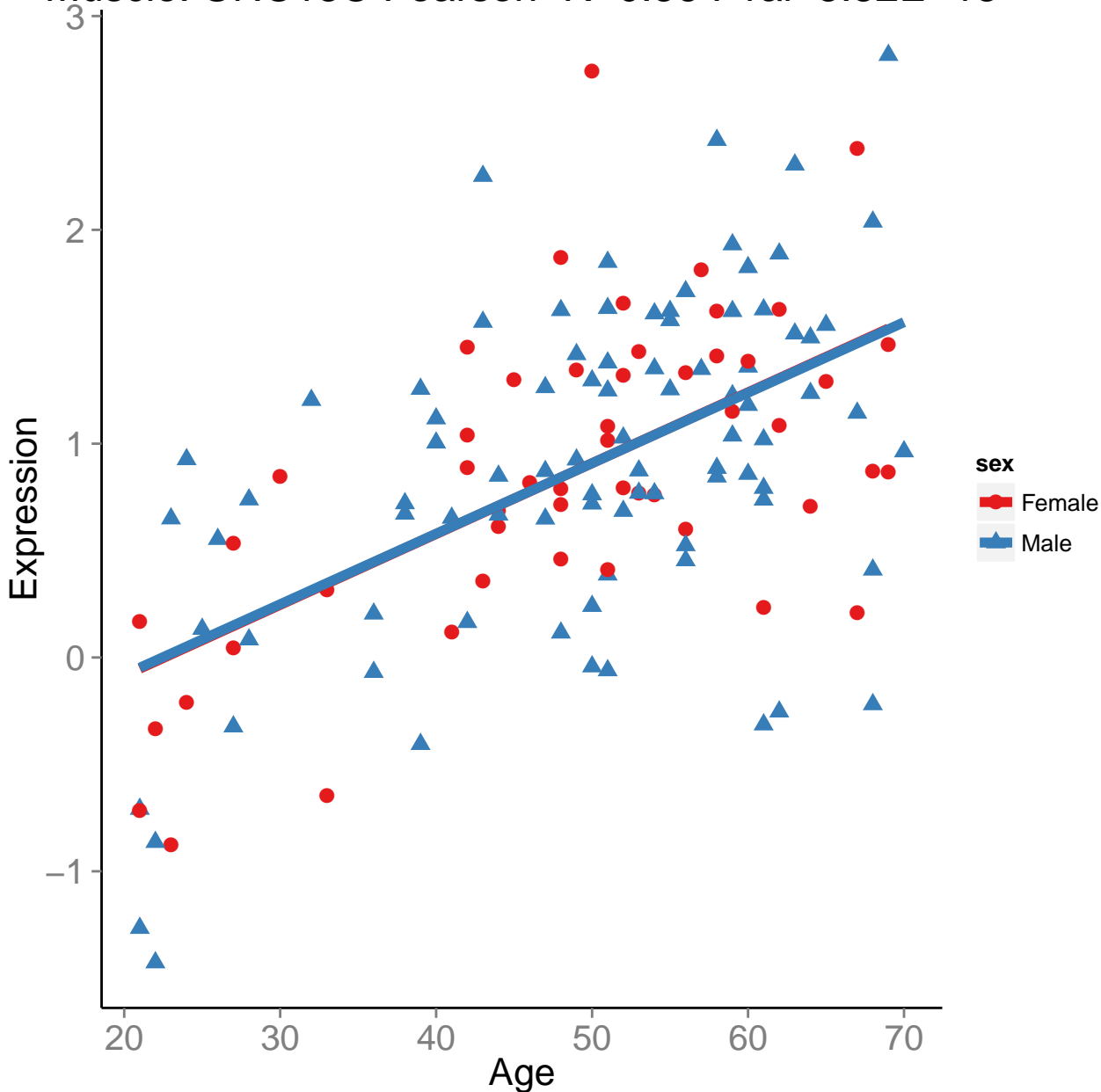
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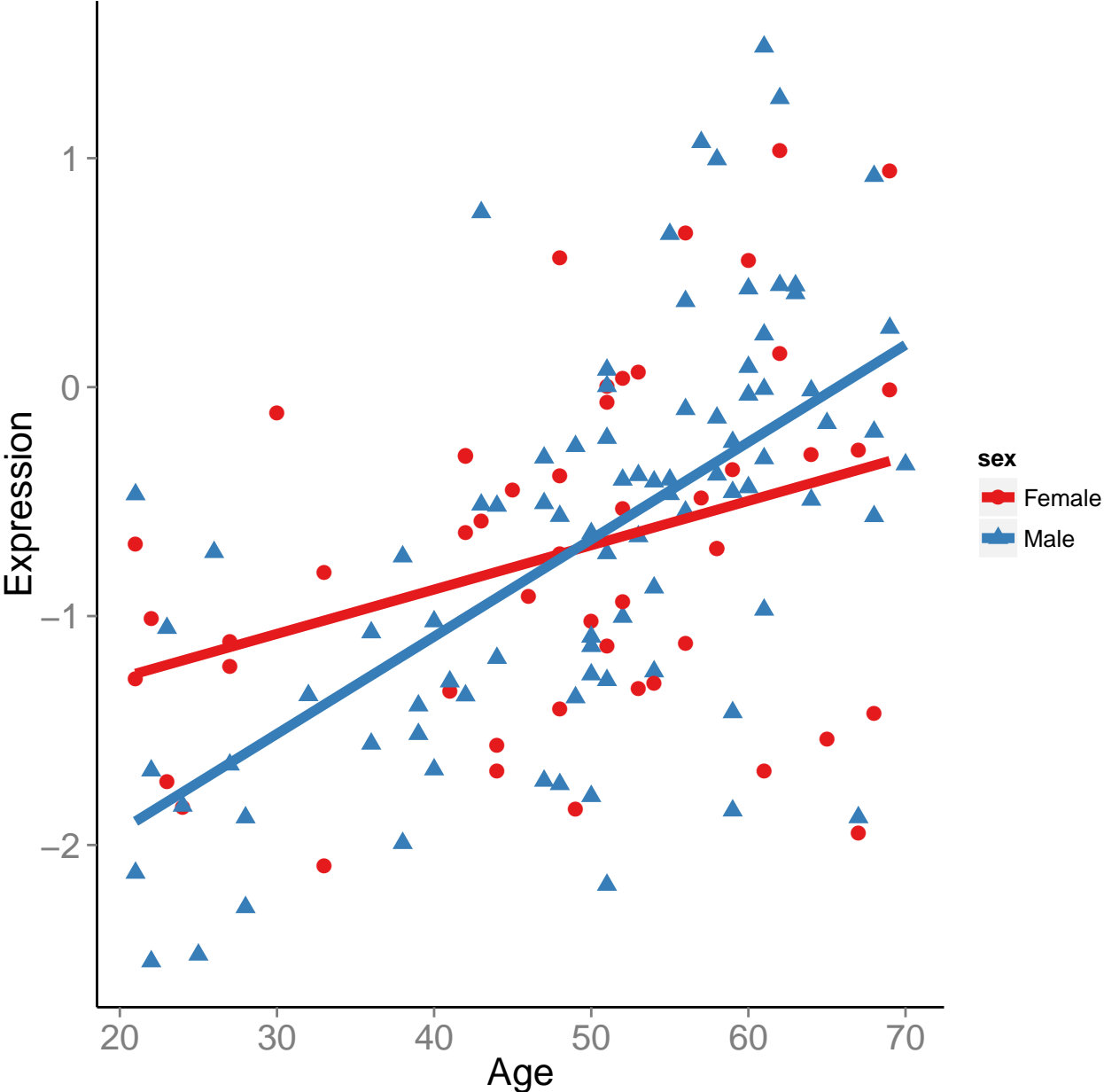
Lung: PTPN6 Pearson-R=-0.38 Pval=1.99E-05



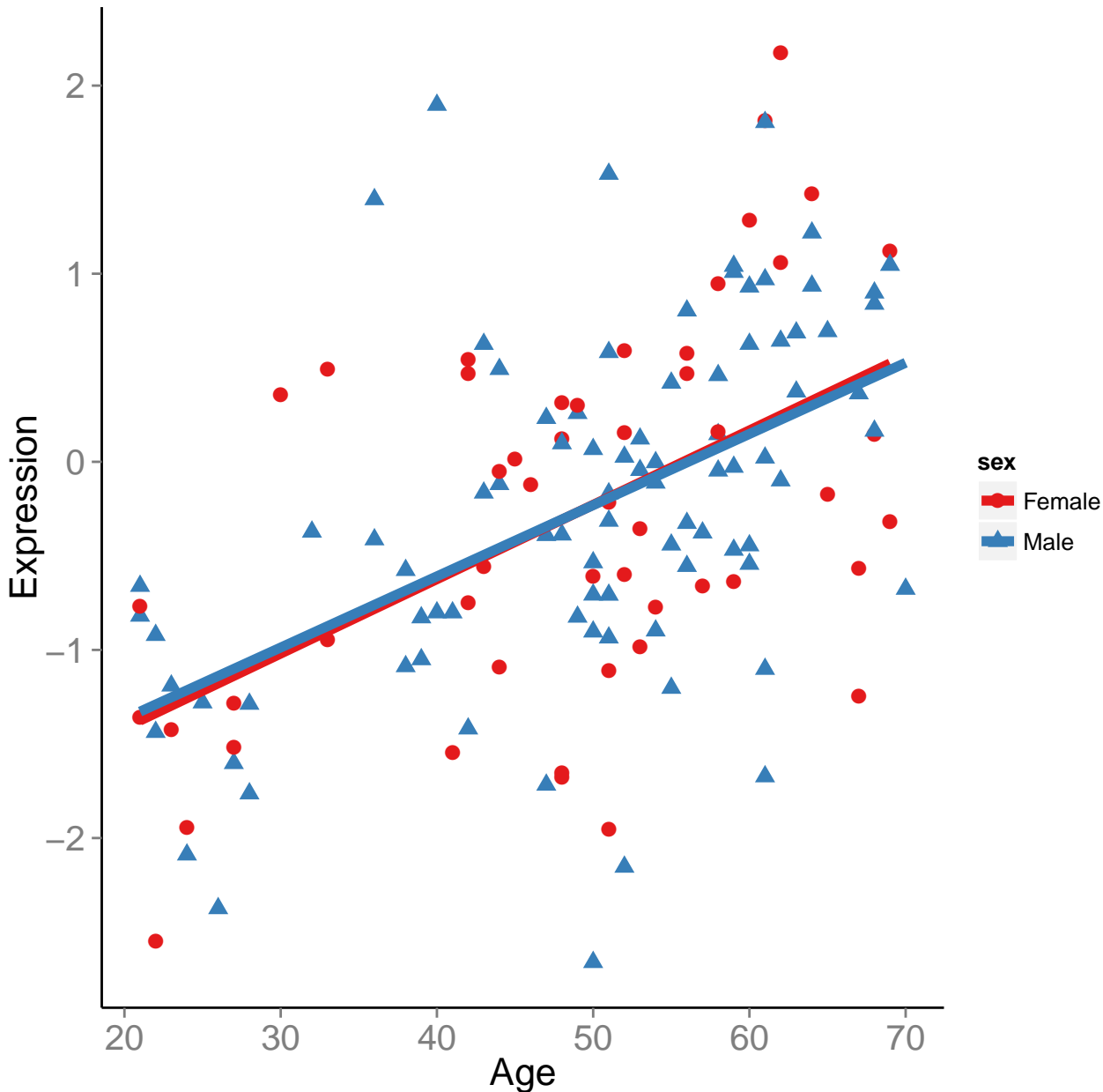
Muscle: UNC13C Pearson-R=0.56 Pval=5.52E-13



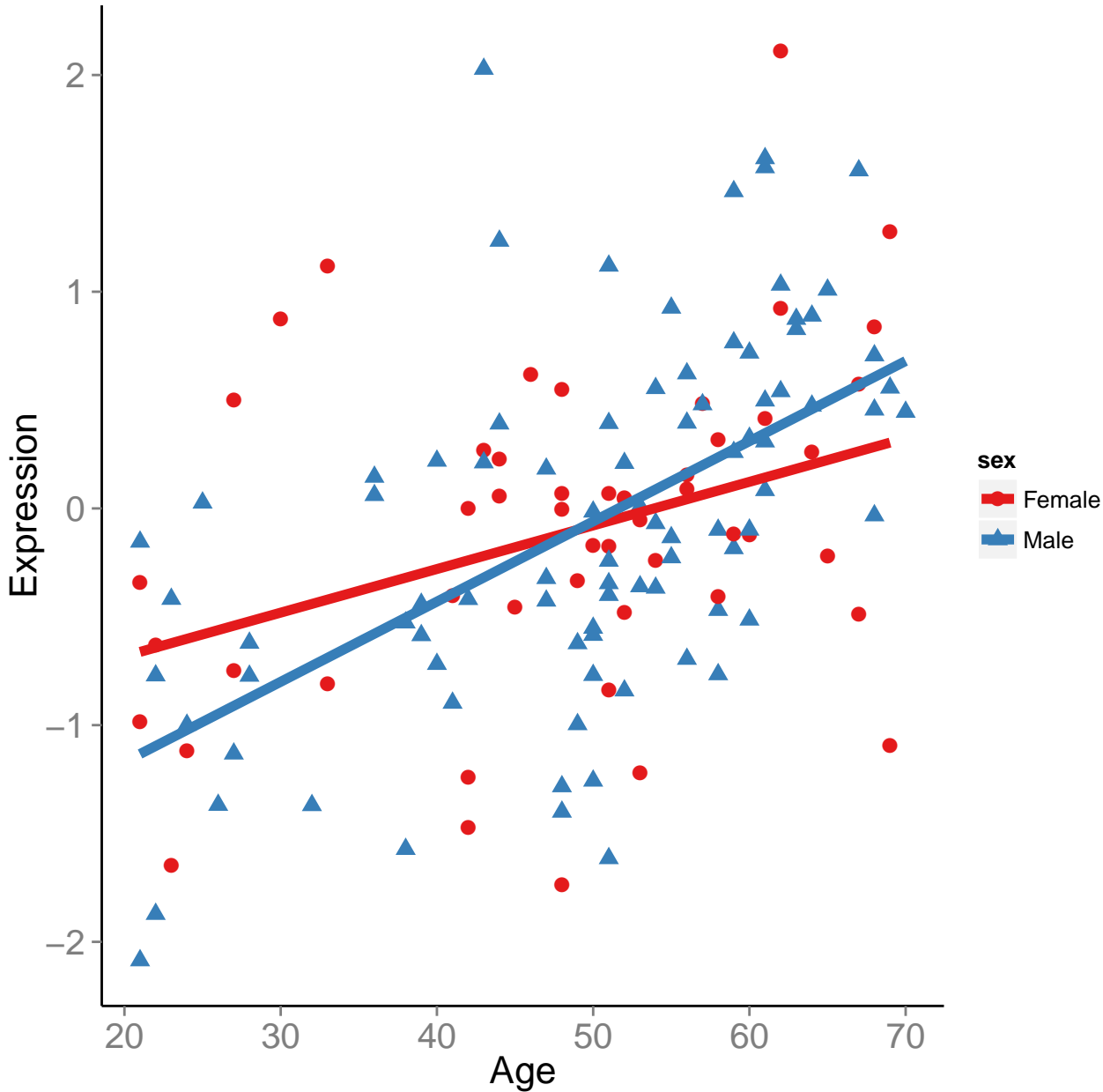
Muscle: GPATCH8 Pearson-R=0.52 Pval=7.30E-11



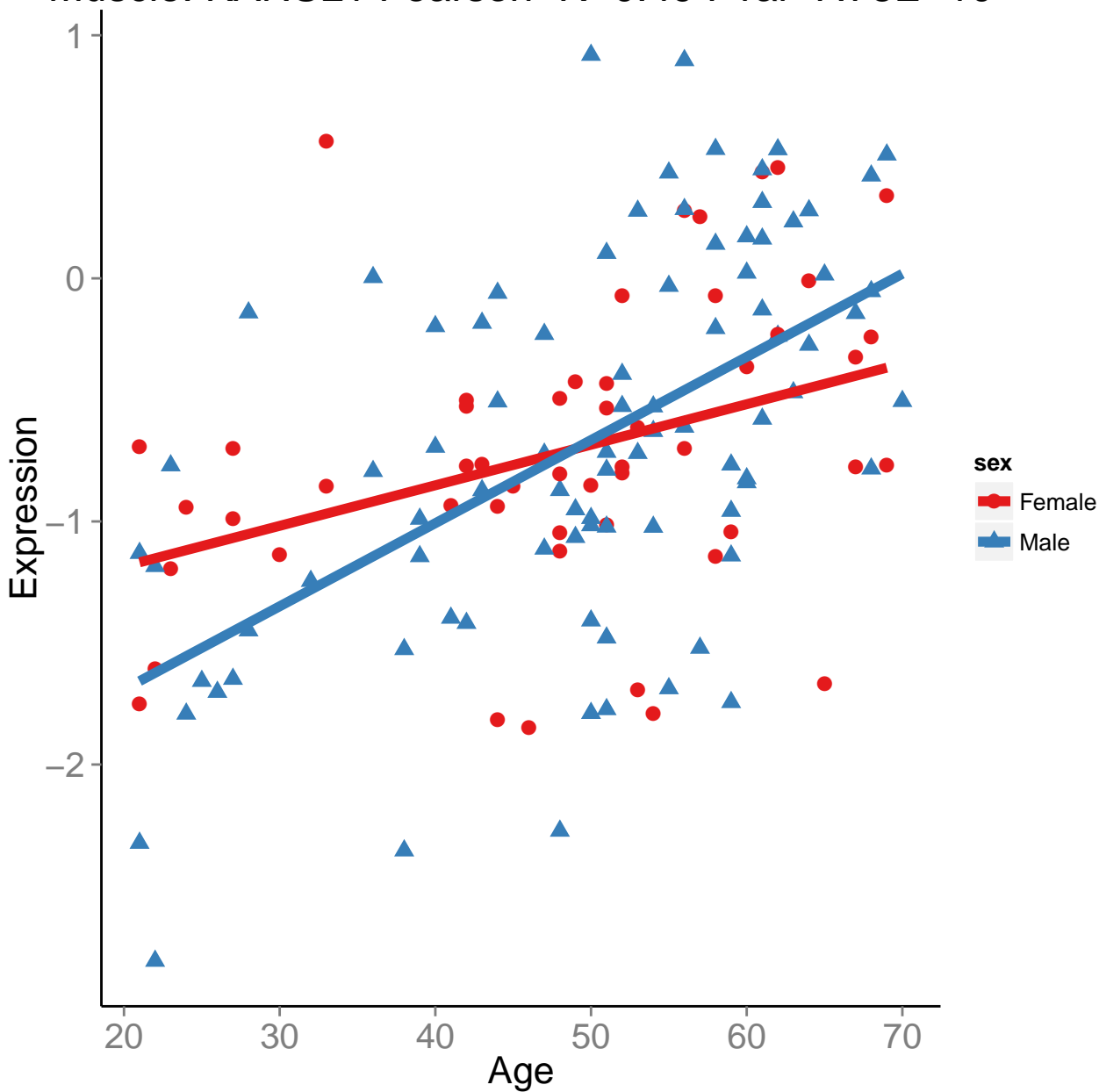
Muscle: EPB41L3 Pearson-R=0.52 Pval=8.50E-11



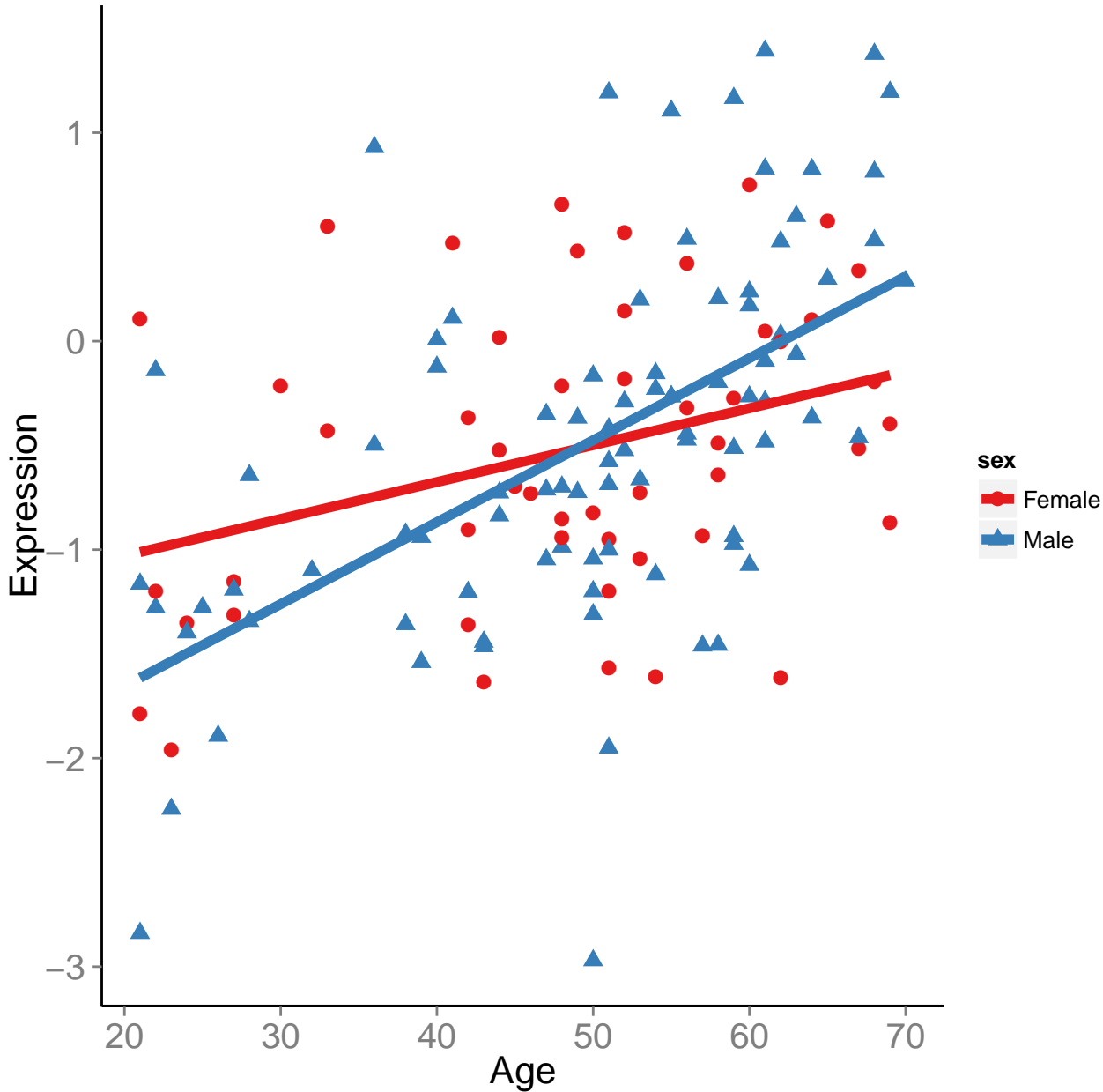
Muscle: FDXR Pearson-R=0.49 Pval=8.85E-10



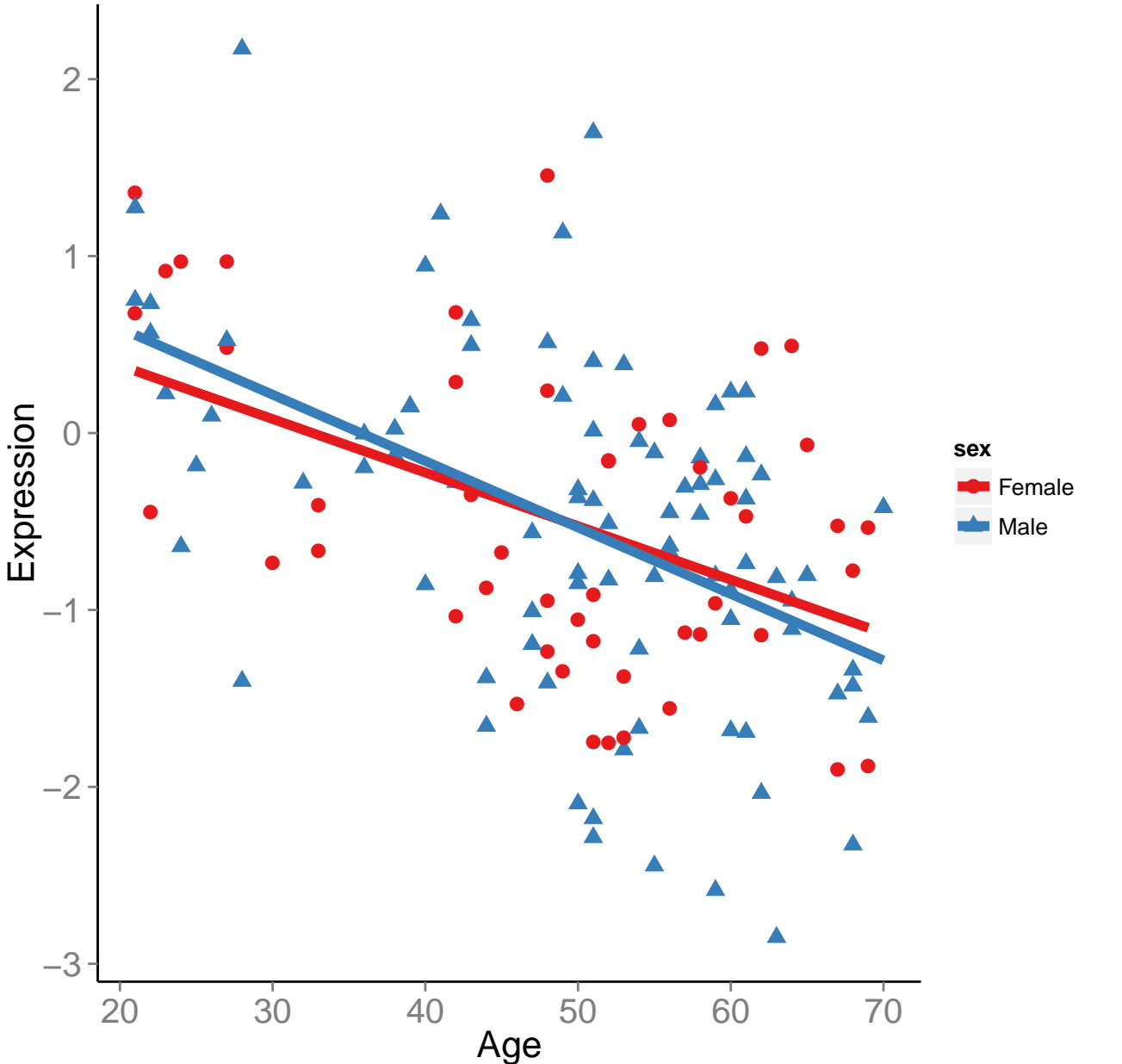
Muscle: KANSL1 Pearson-R=0.49 Pval=7.78E-10



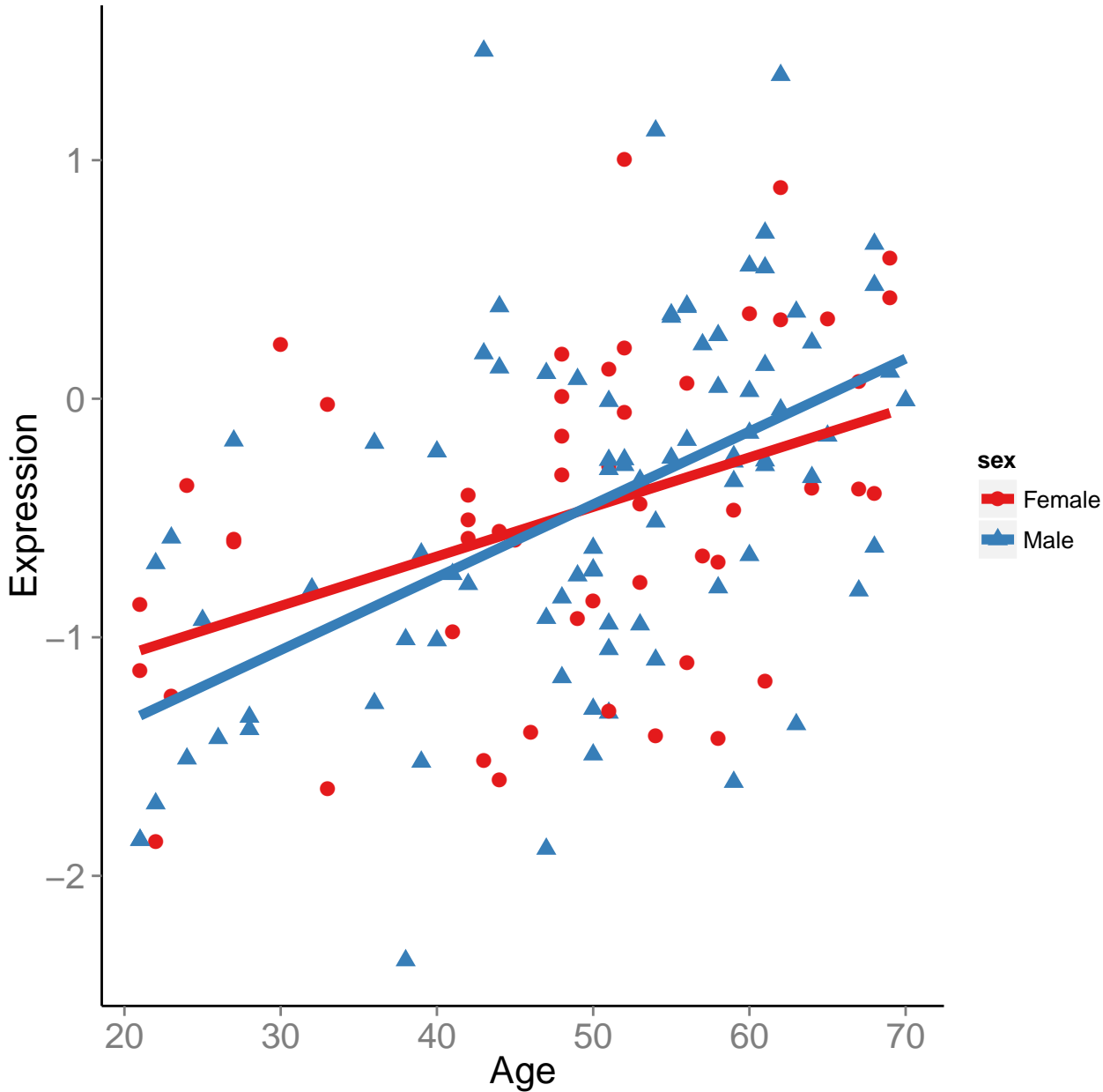
Muscle: SKAP2 Pearson-R=0.49 Pval=1.22E-09



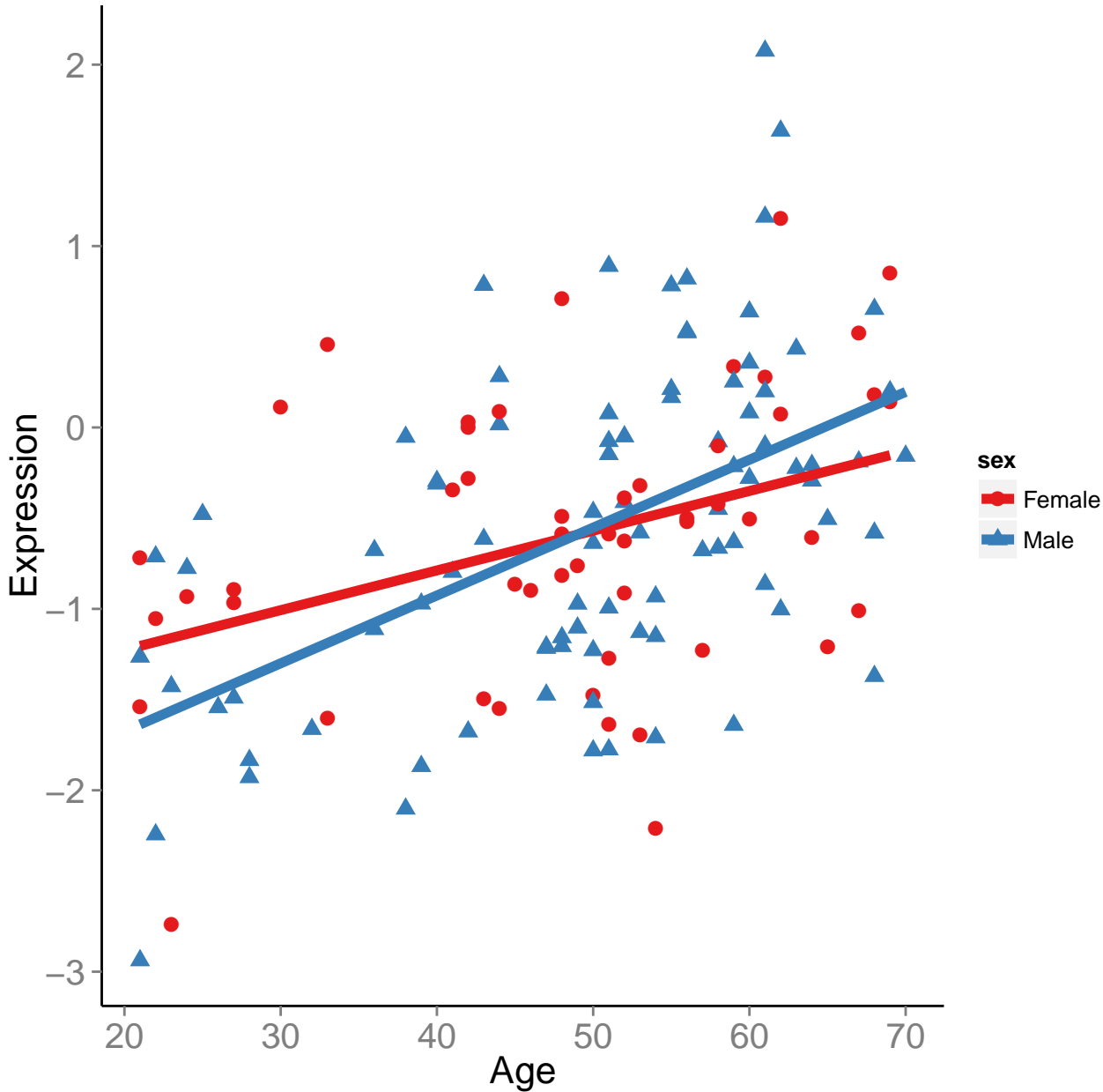
Muscle: FAM171A1 Pearson-R=-0.48 Pval=1.98E-09



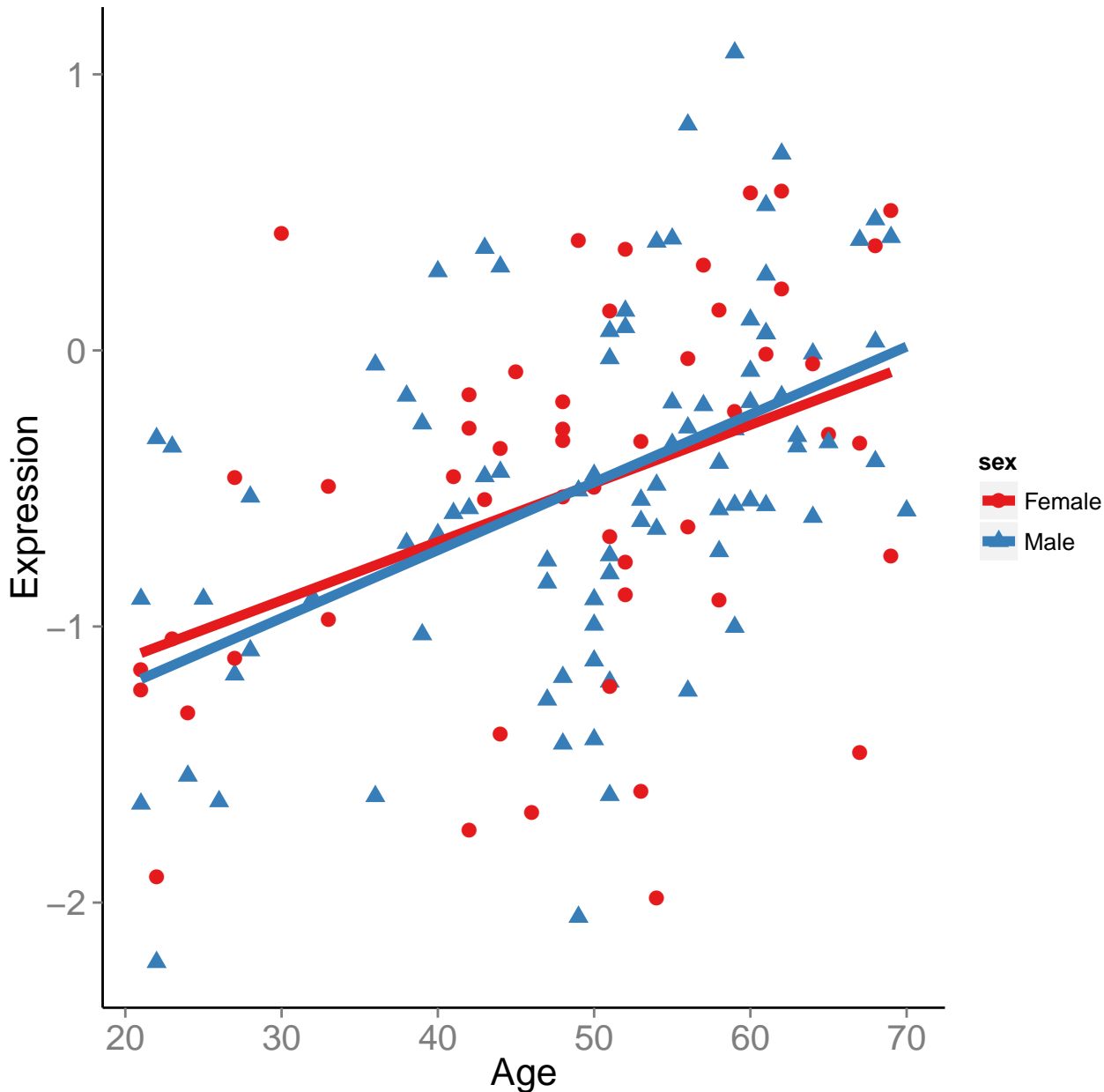
Muscle: SCAP Pearson-R=0.48 Pval=2.54E-09



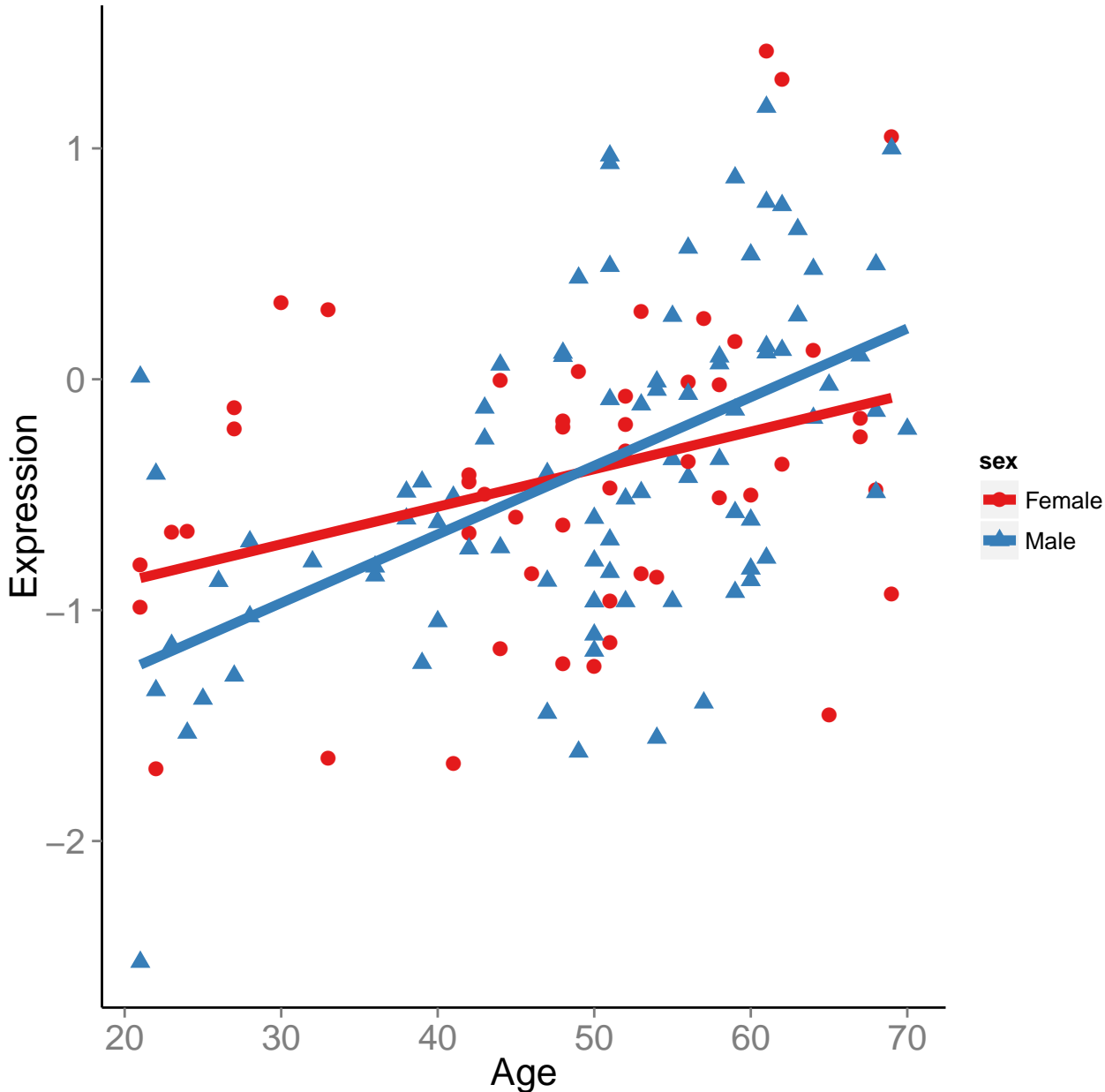
Muscle: CPSF7 Pearson-R=0.48 Pval=3.51E-09



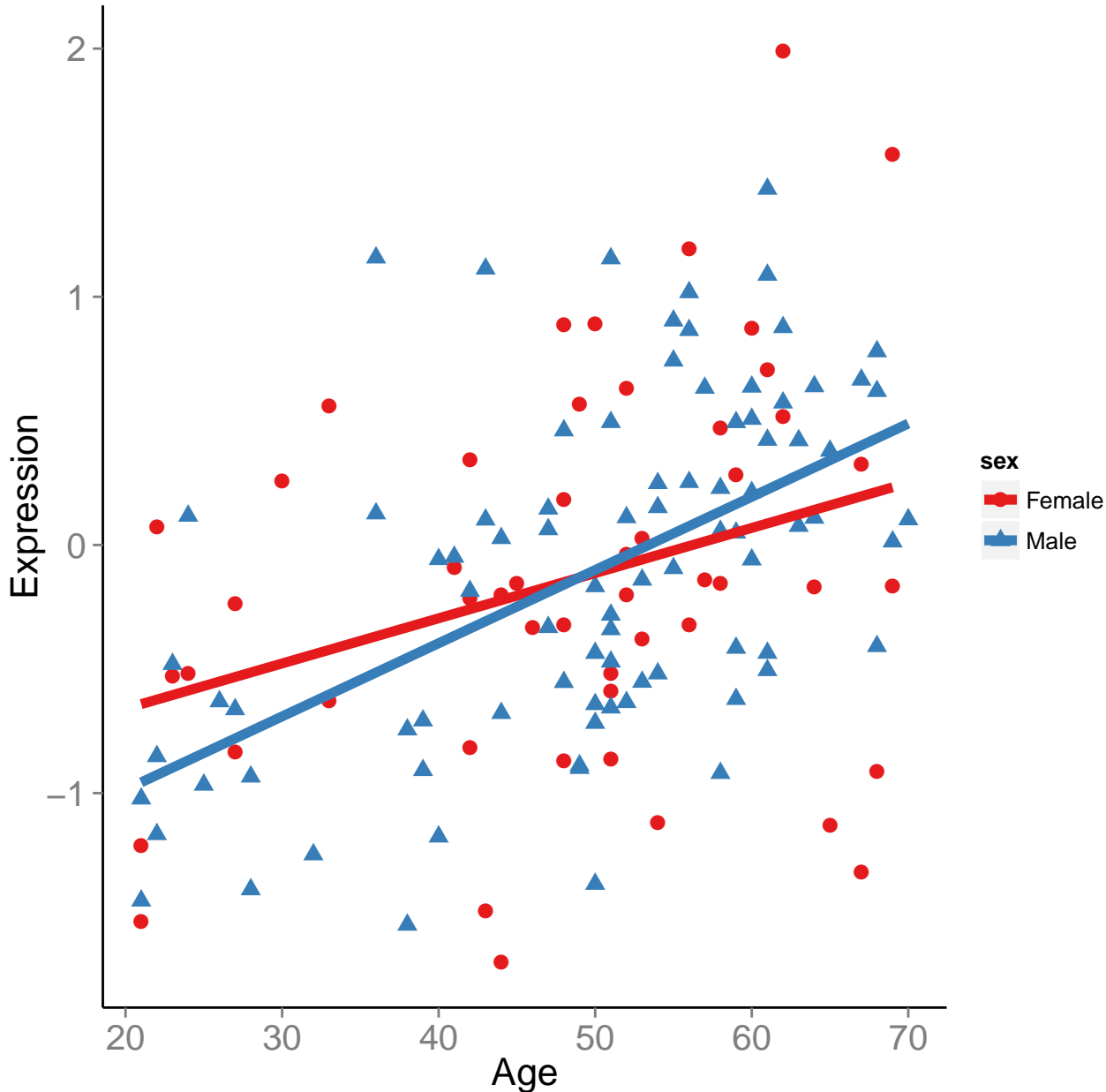
Muscle: ANKRD17 Pearson-R=0.46 Pval=1.17E-08



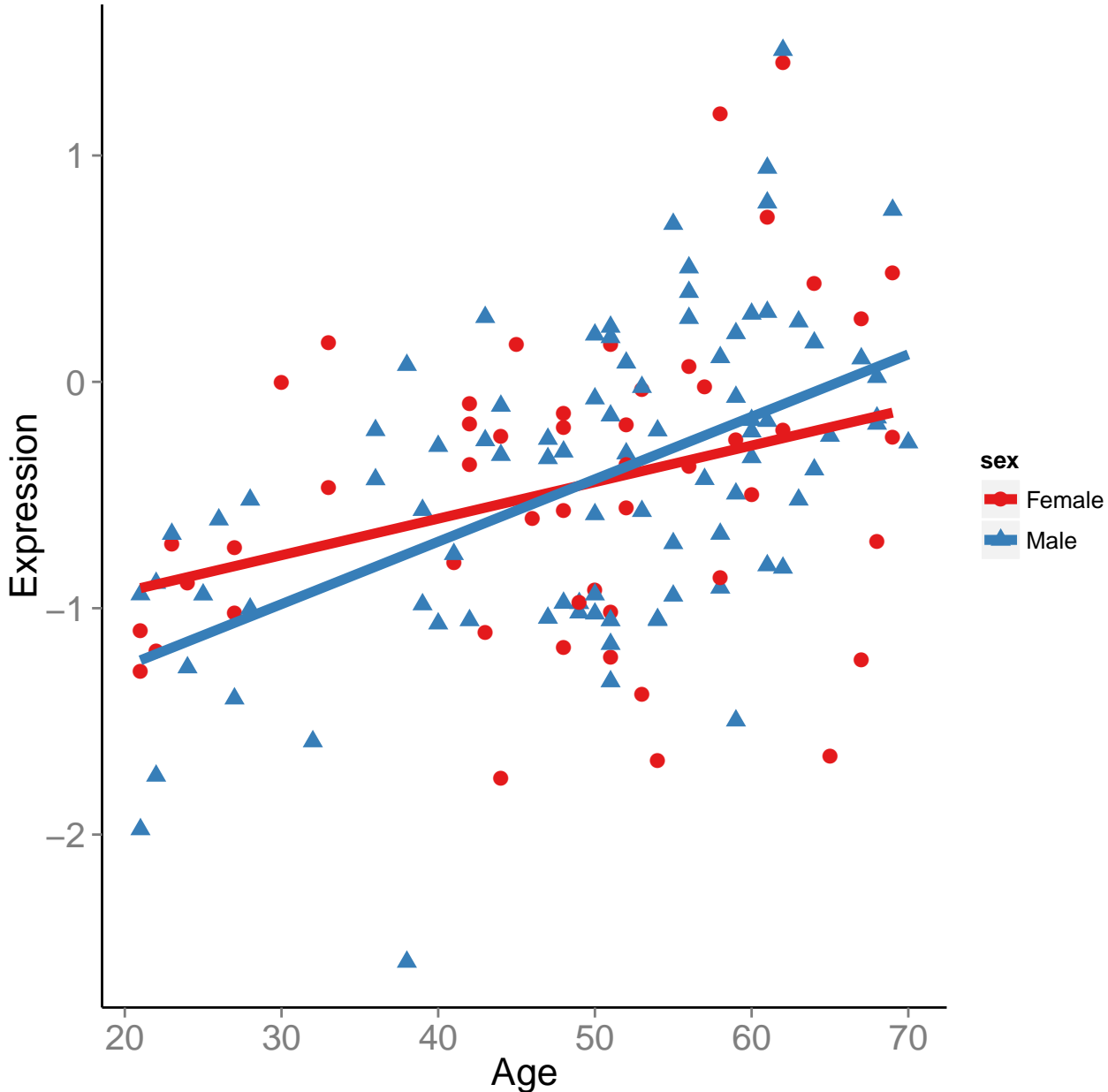
Muscle: ZNF335 Pearson-R=0.46 Pval=1.10E-08



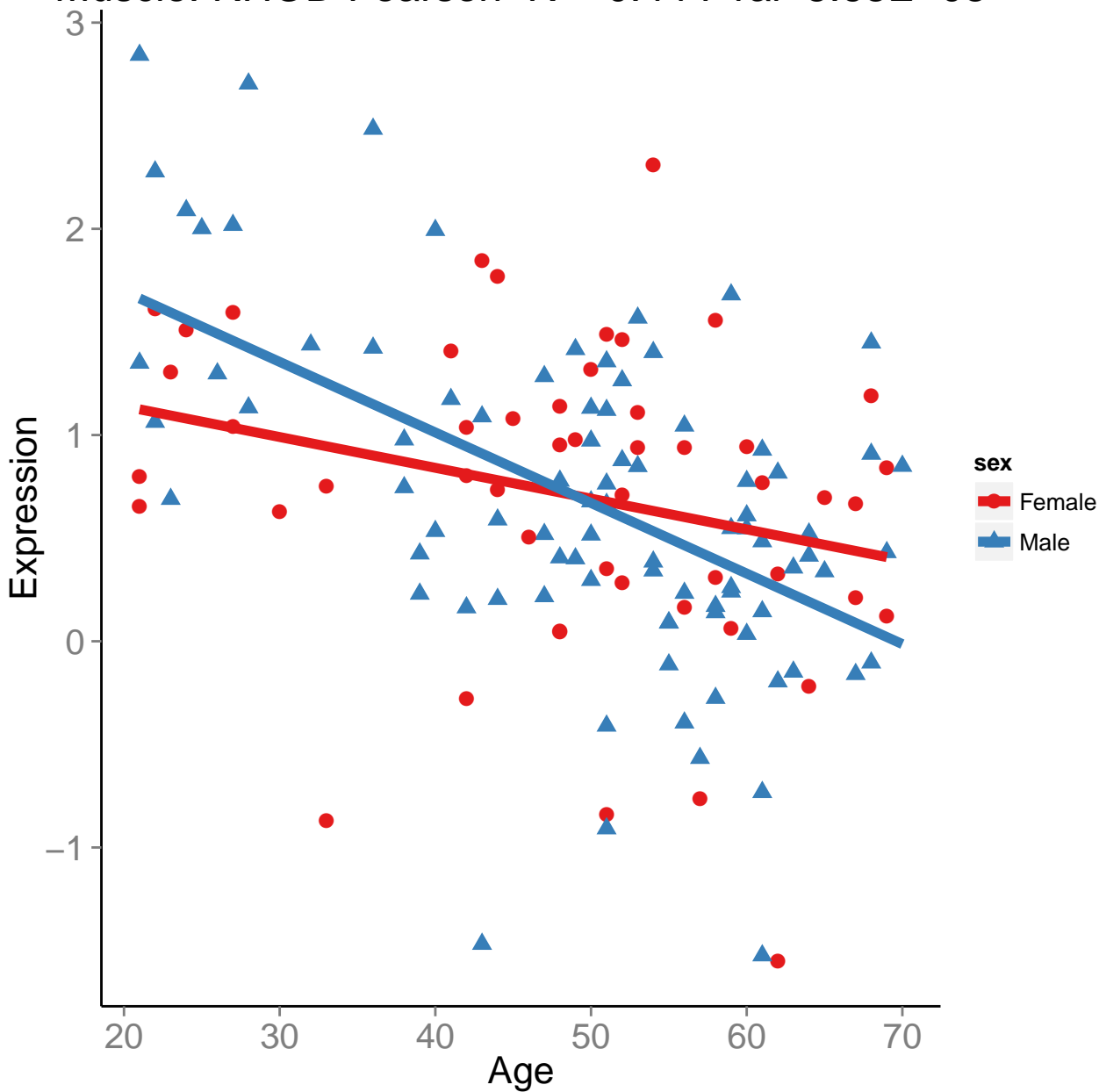
Muscle: TMEM175 Pearson-R=0.45 Pval=2.52E-08



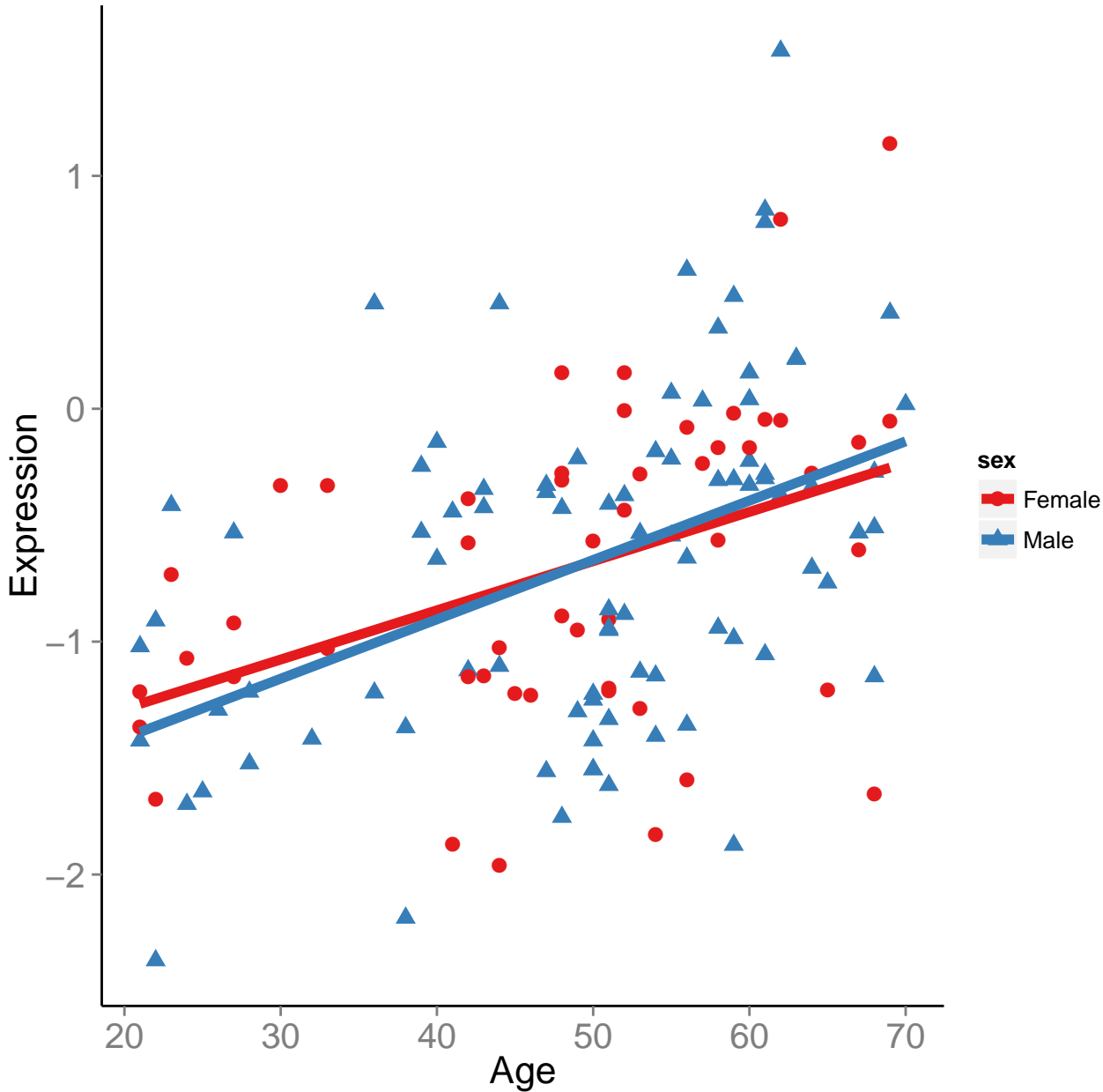
Muscle: CNOT3 Pearson-R=0.45 Pval=3.62E-08



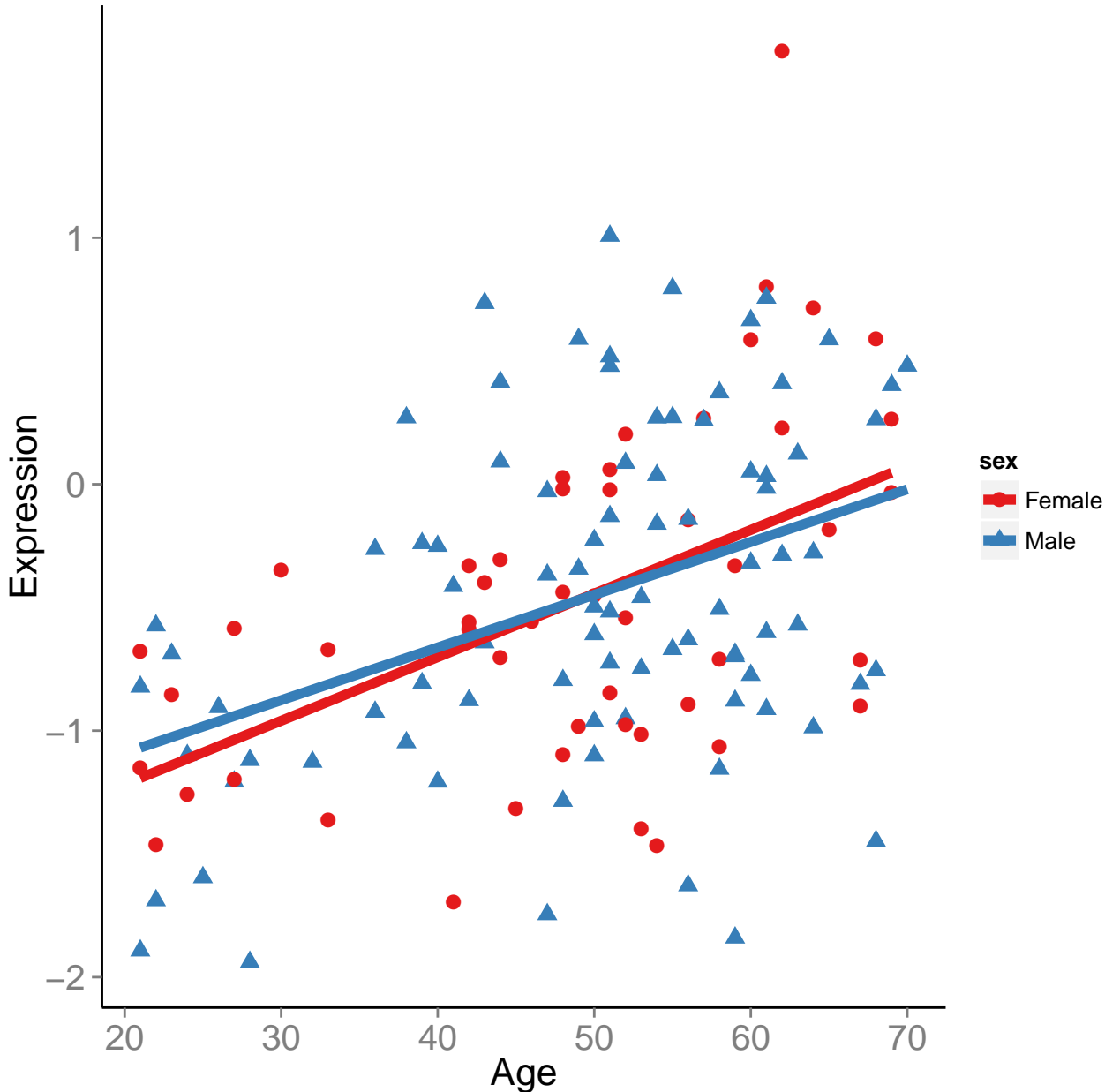
Muscle: RHOD Pearson-R=-0.44 Pval=5.68E-08



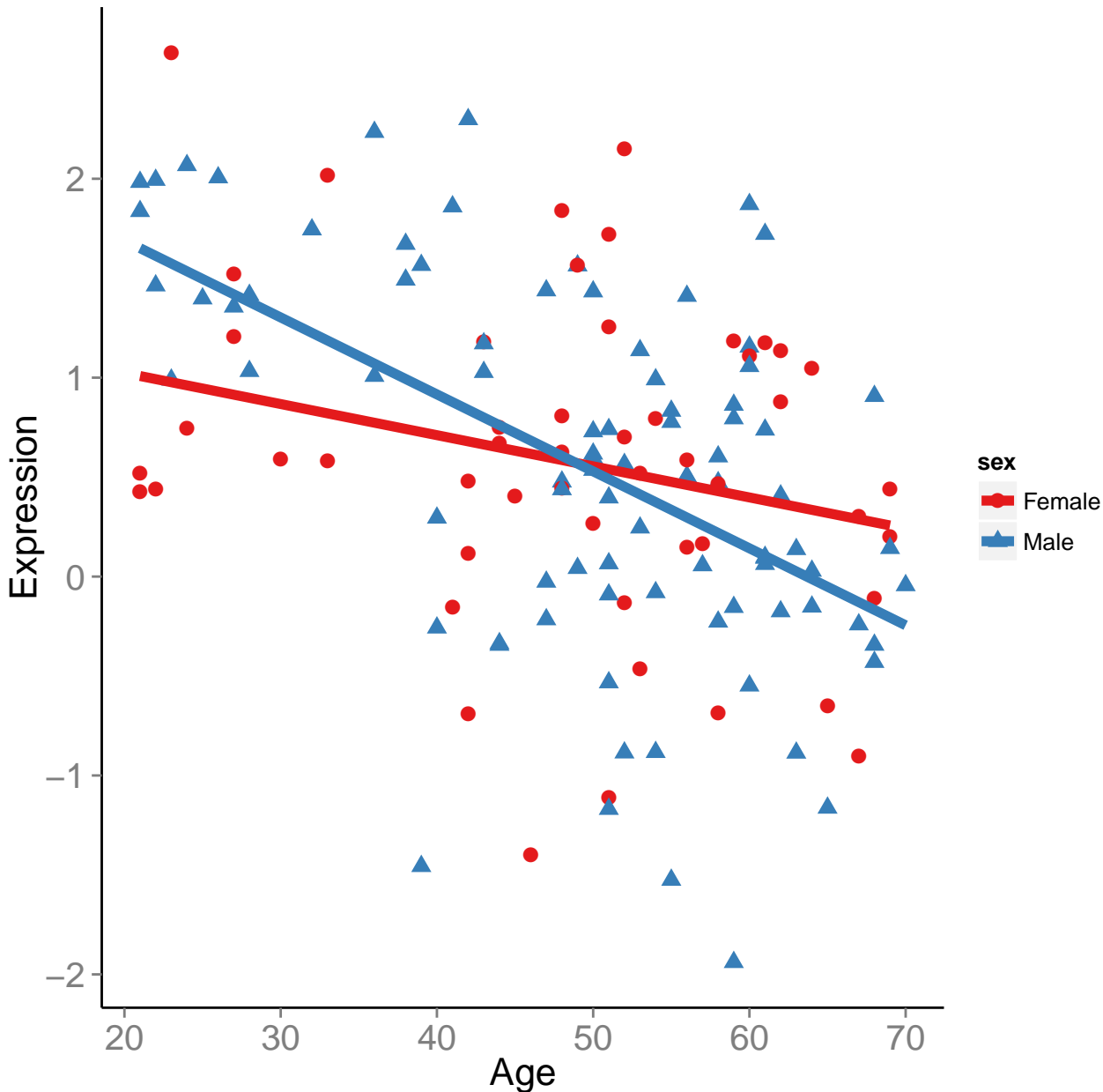
Muscle: FUK Pearson-R=0.44 Pval=6.10E-08



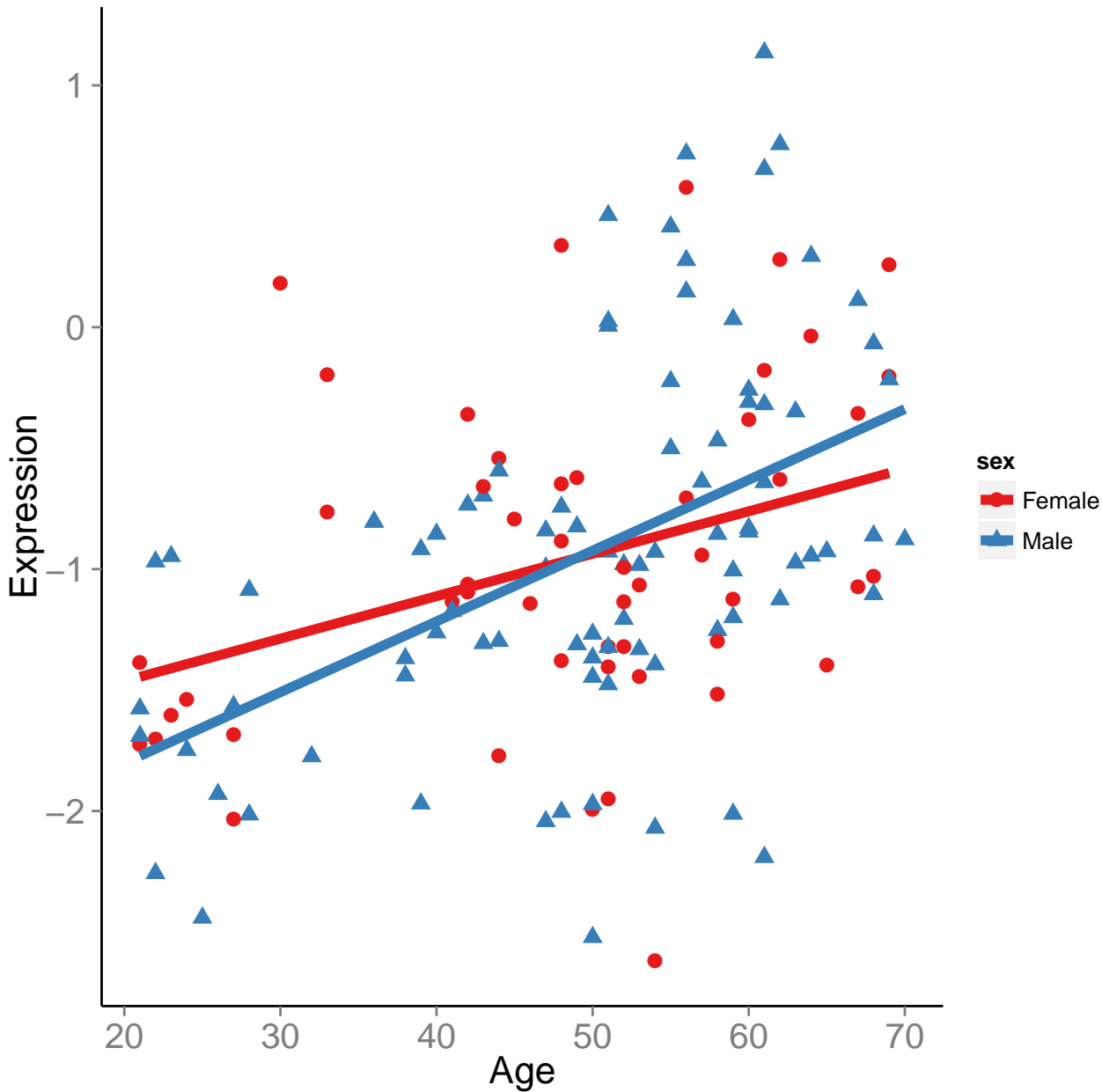
Muscle: NCOA1 Pearson-R=0.44 Pval=6.86E-08



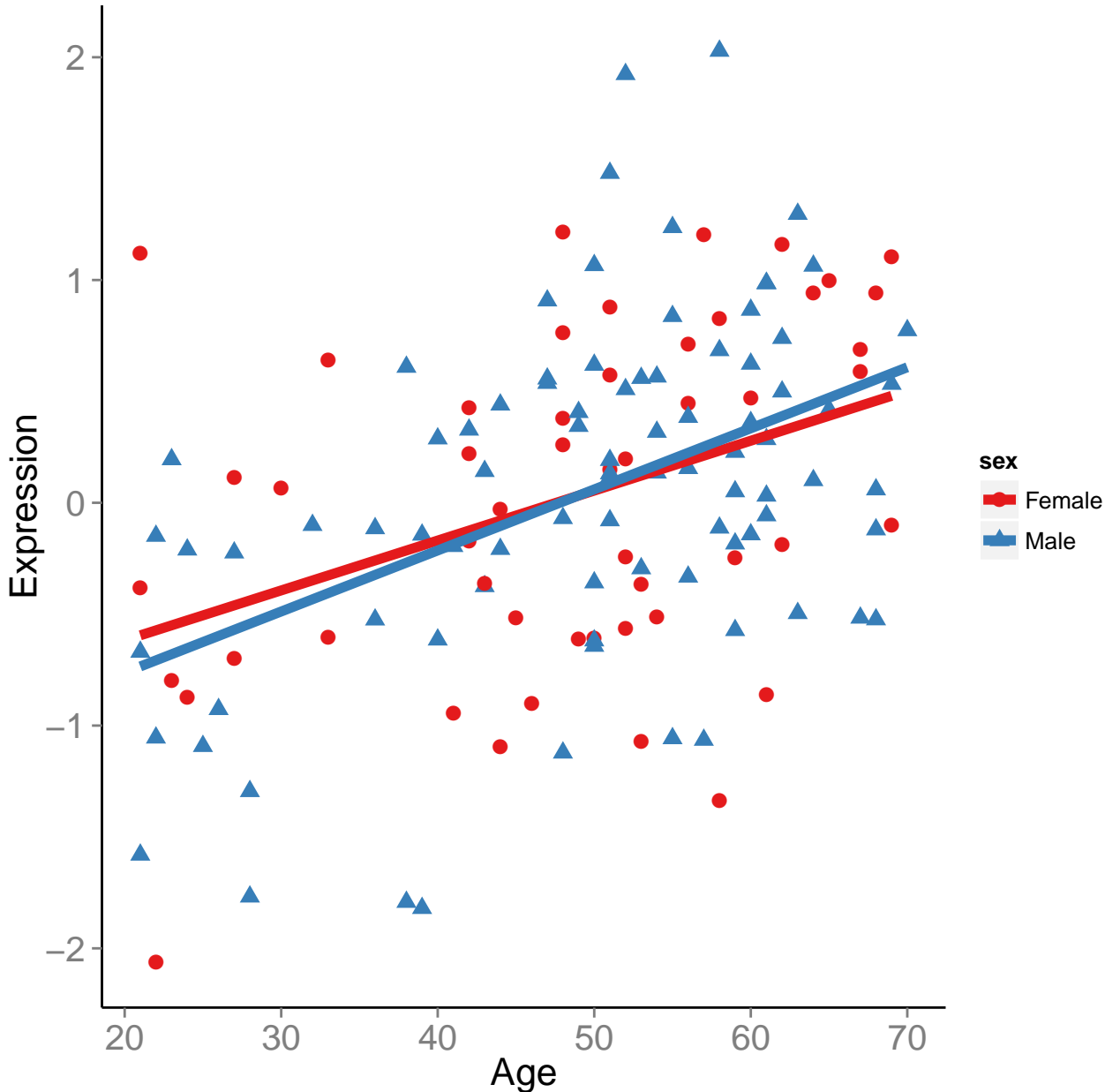
Muscle: DMRT2 Pearson-R=-0.44 Pval=9.12E-08



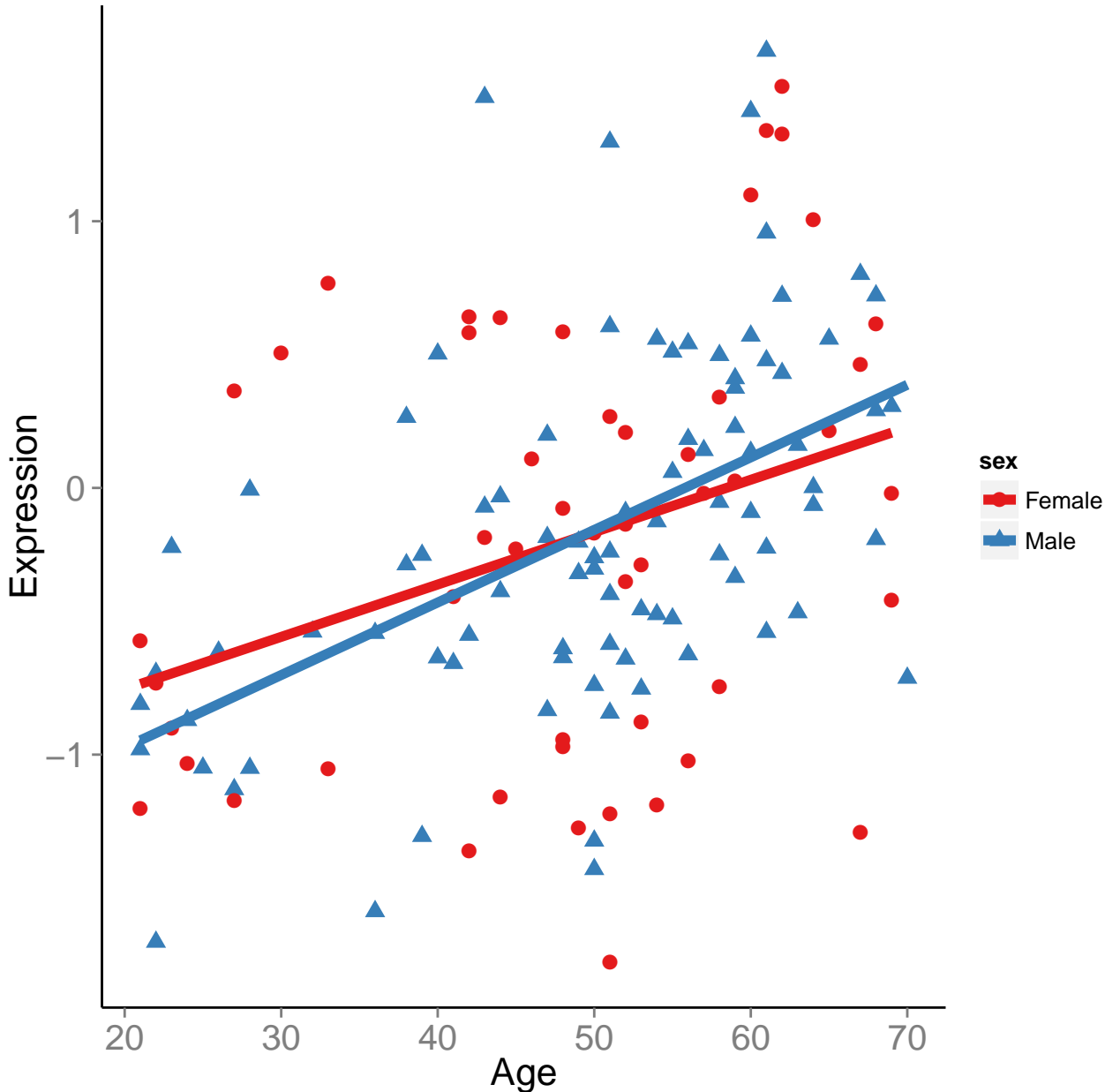
Muscle: ZFYVE16 Pearson-R=0.44 Pval=8.46E-08



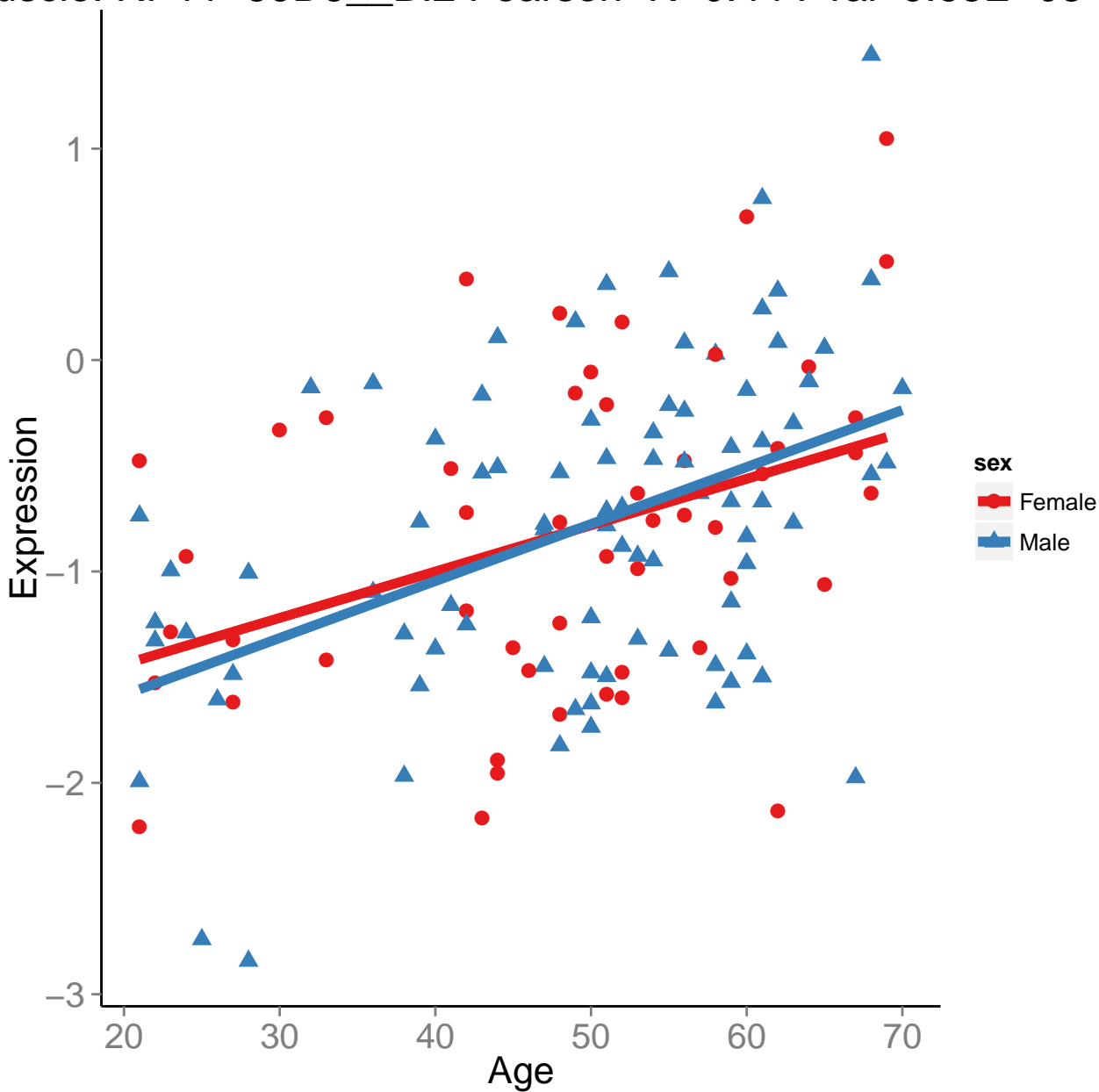
Muscle: NHLRC2 Pearson-R=0.44 Pval=9.18E-08



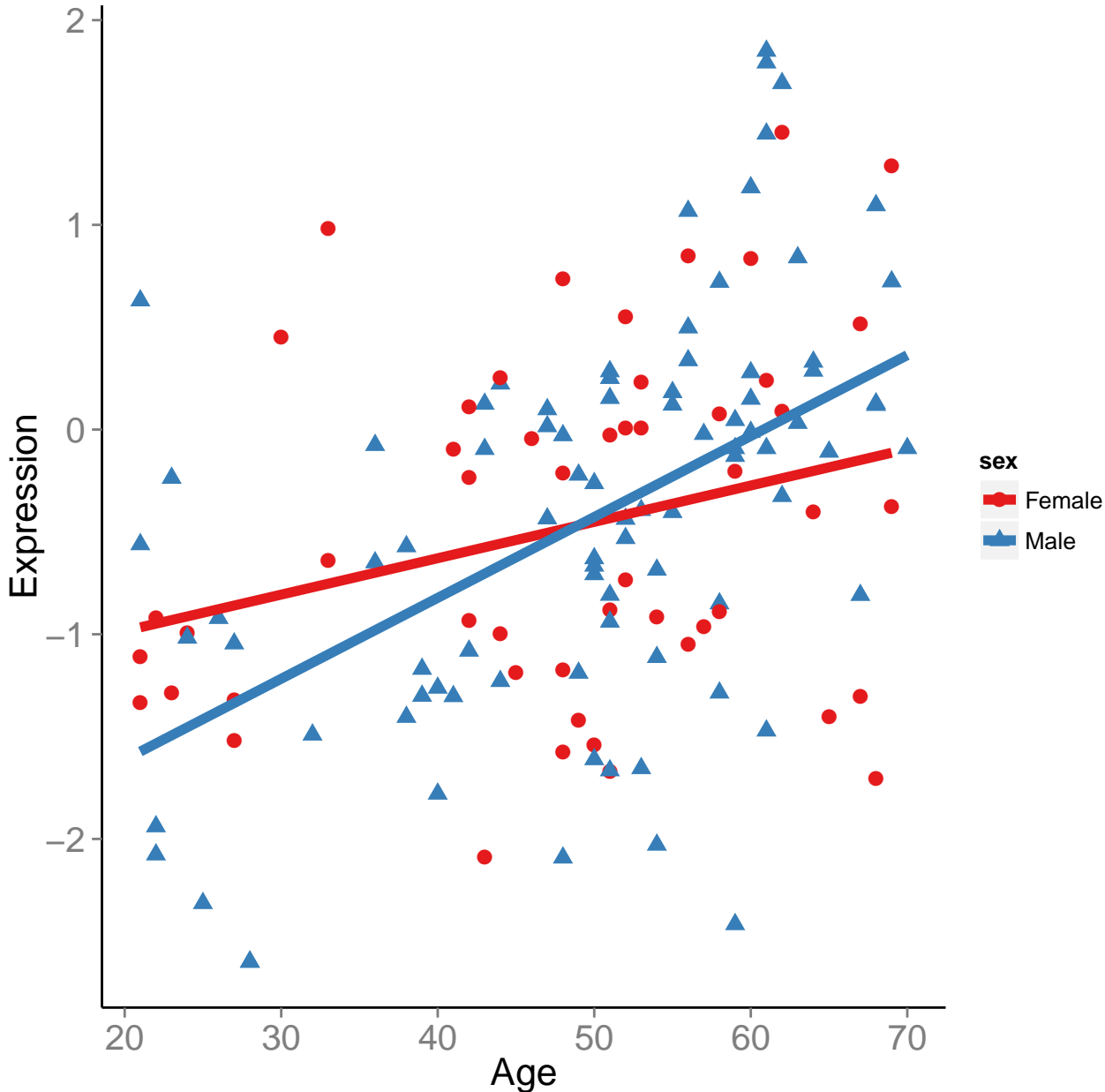
Muscle: MAGED1 Pearson-R=0.44 Pval=9.05E-08



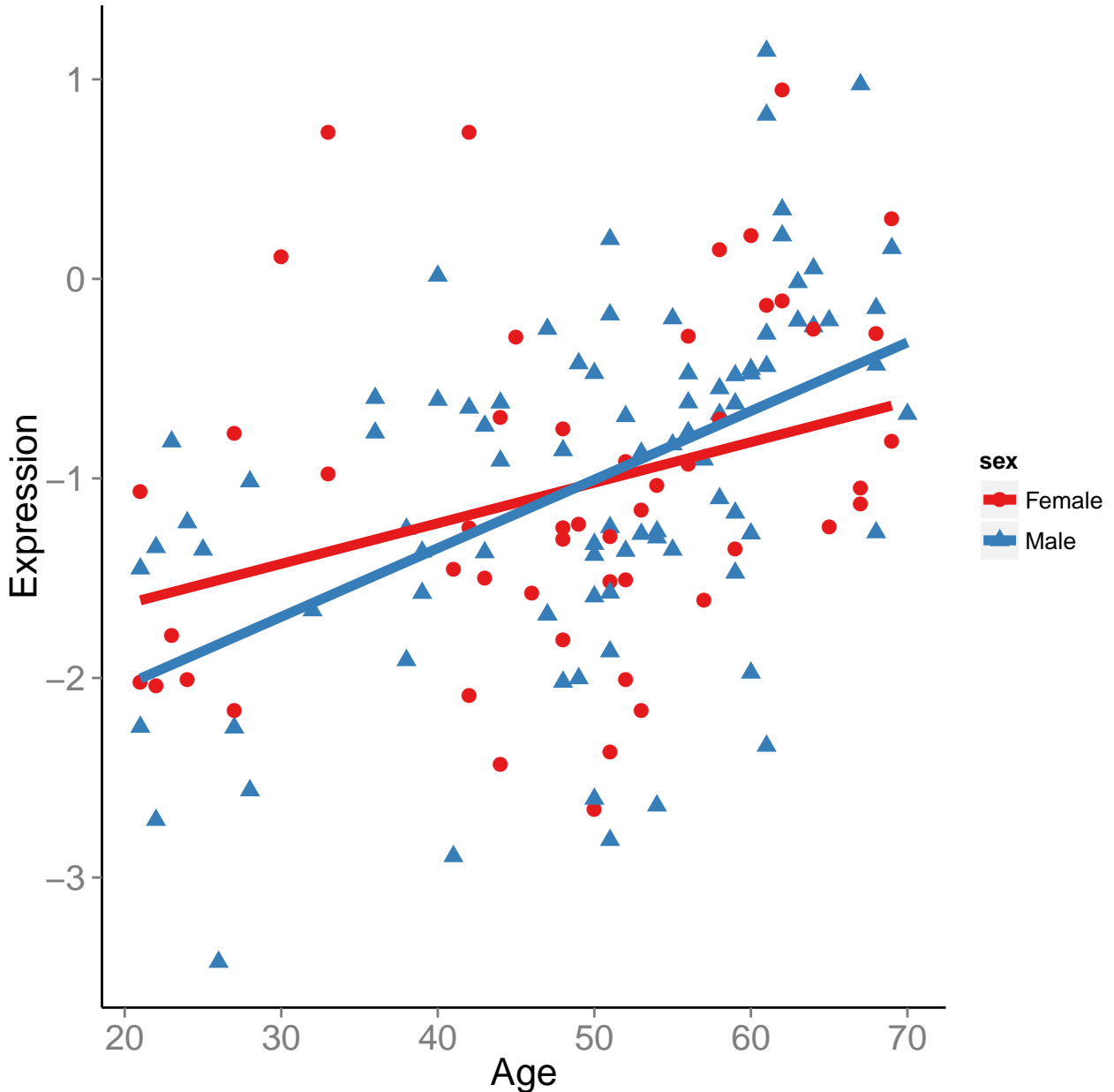
Muscle: RP11-59D5__B.2 Pearson-R=0.44 Pval=9.68E-08



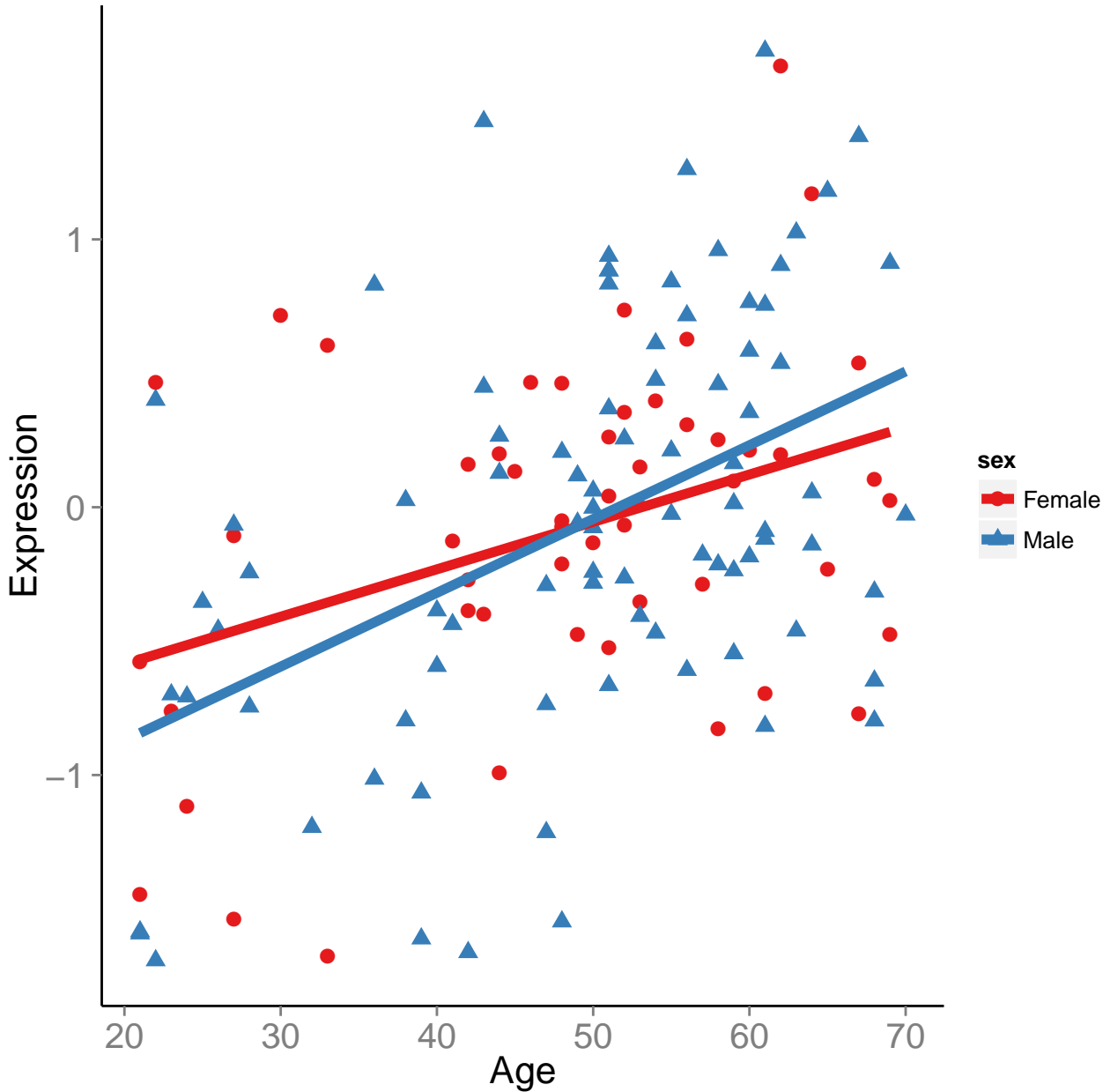
Muscle: CLK4 Pearson-R=0.43 Pval=1.36E-07



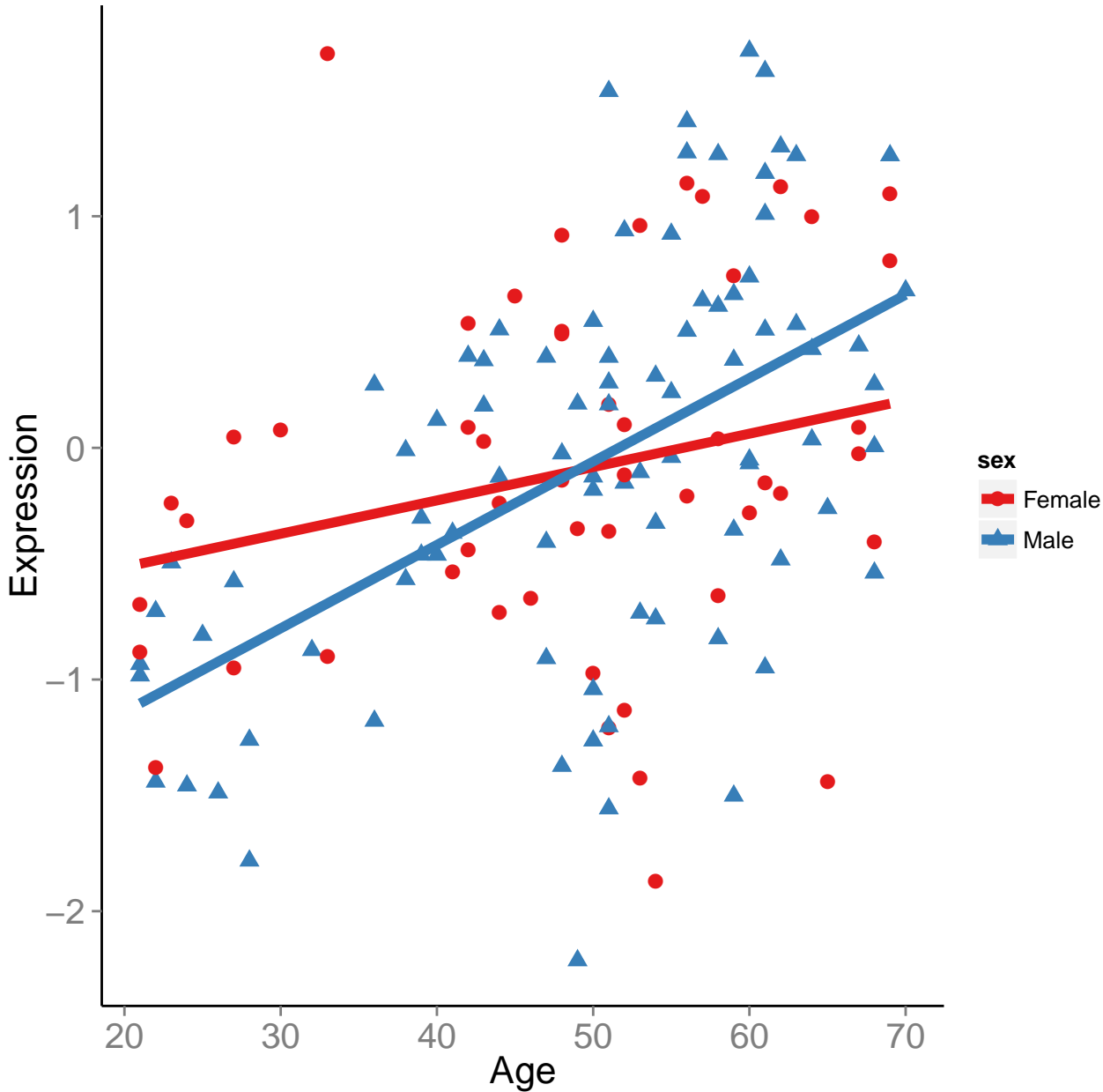
Muscle: EDA2R Pearson-R=0.43 Pval=1.25E-07



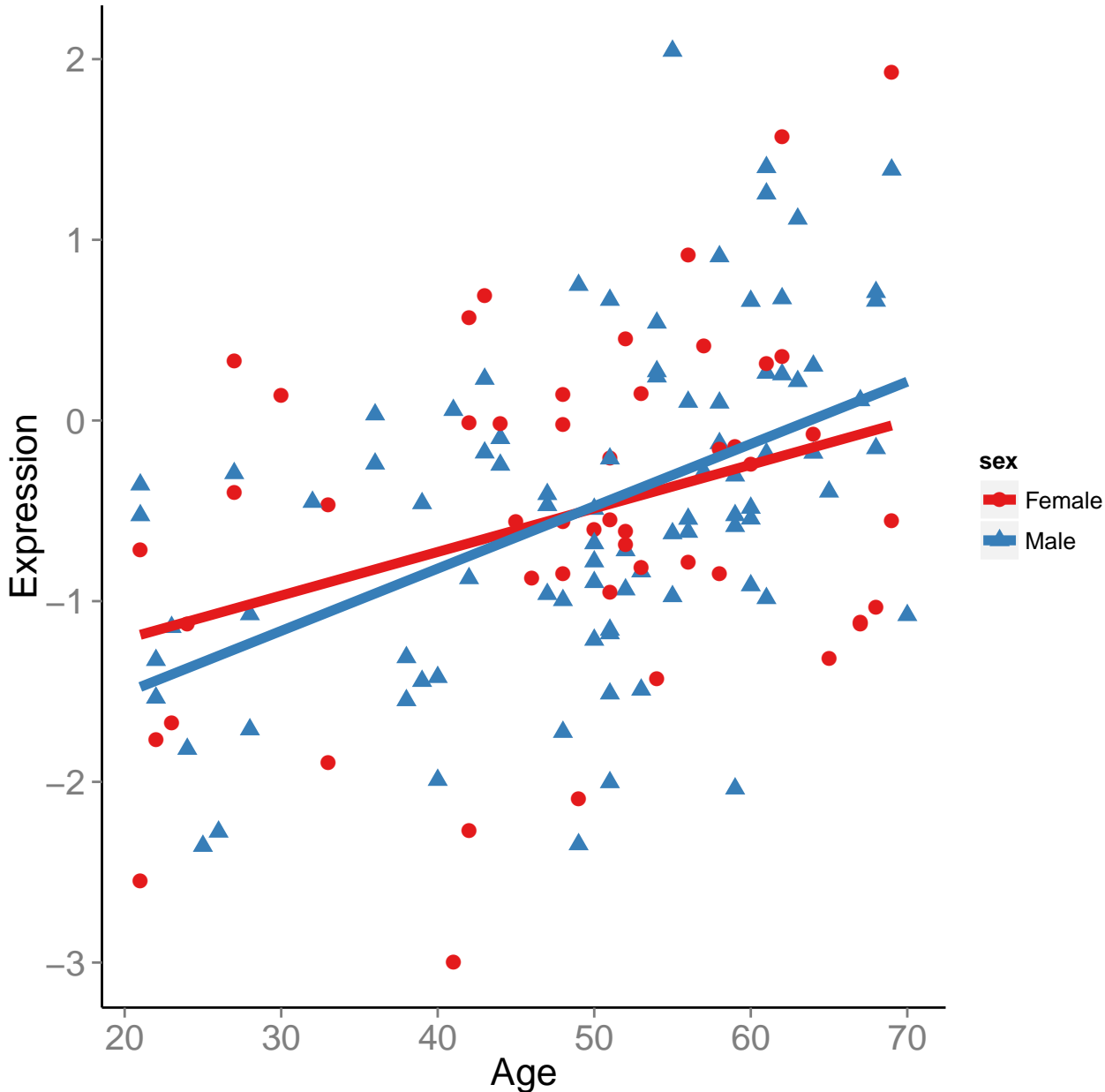
Muscle: ZNF428 Pearson-R=0.43 Pval=1.43E-07



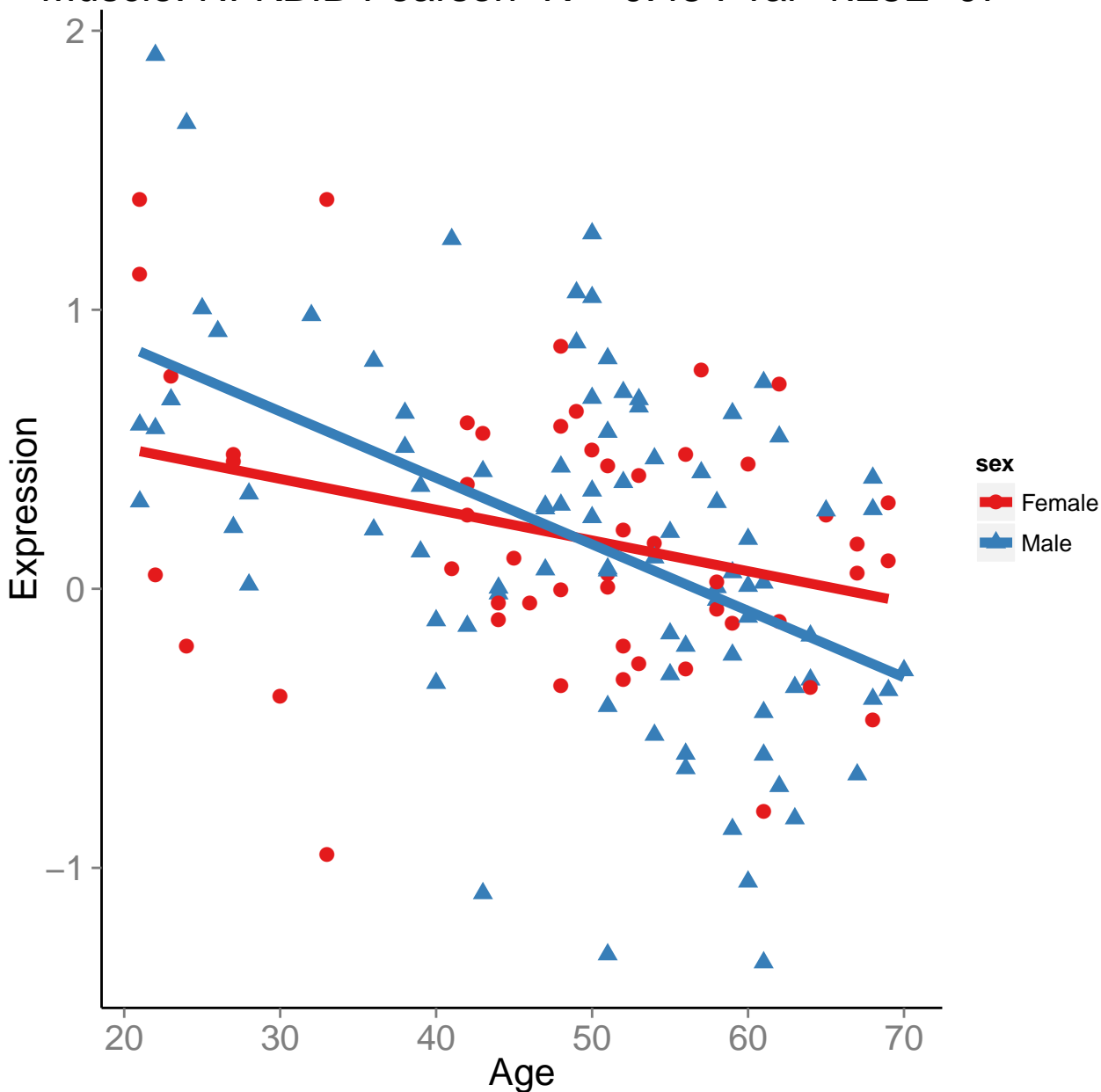
Muscle: SRRM2 Pearson-R=0.43 Pval=1.45E-07



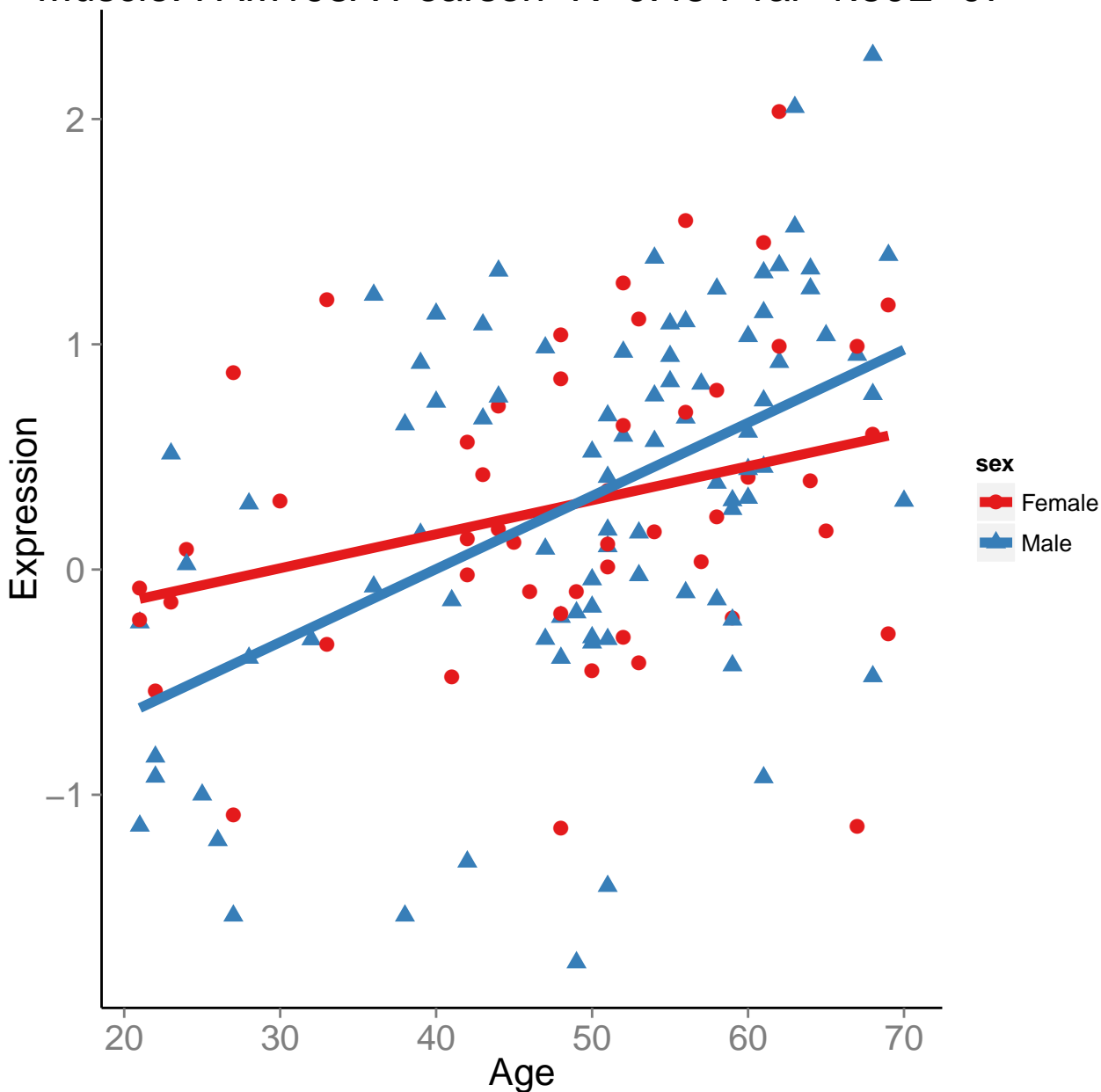
Muscle: BNC2 Pearson-R=0.43 Pval=1.30E-07



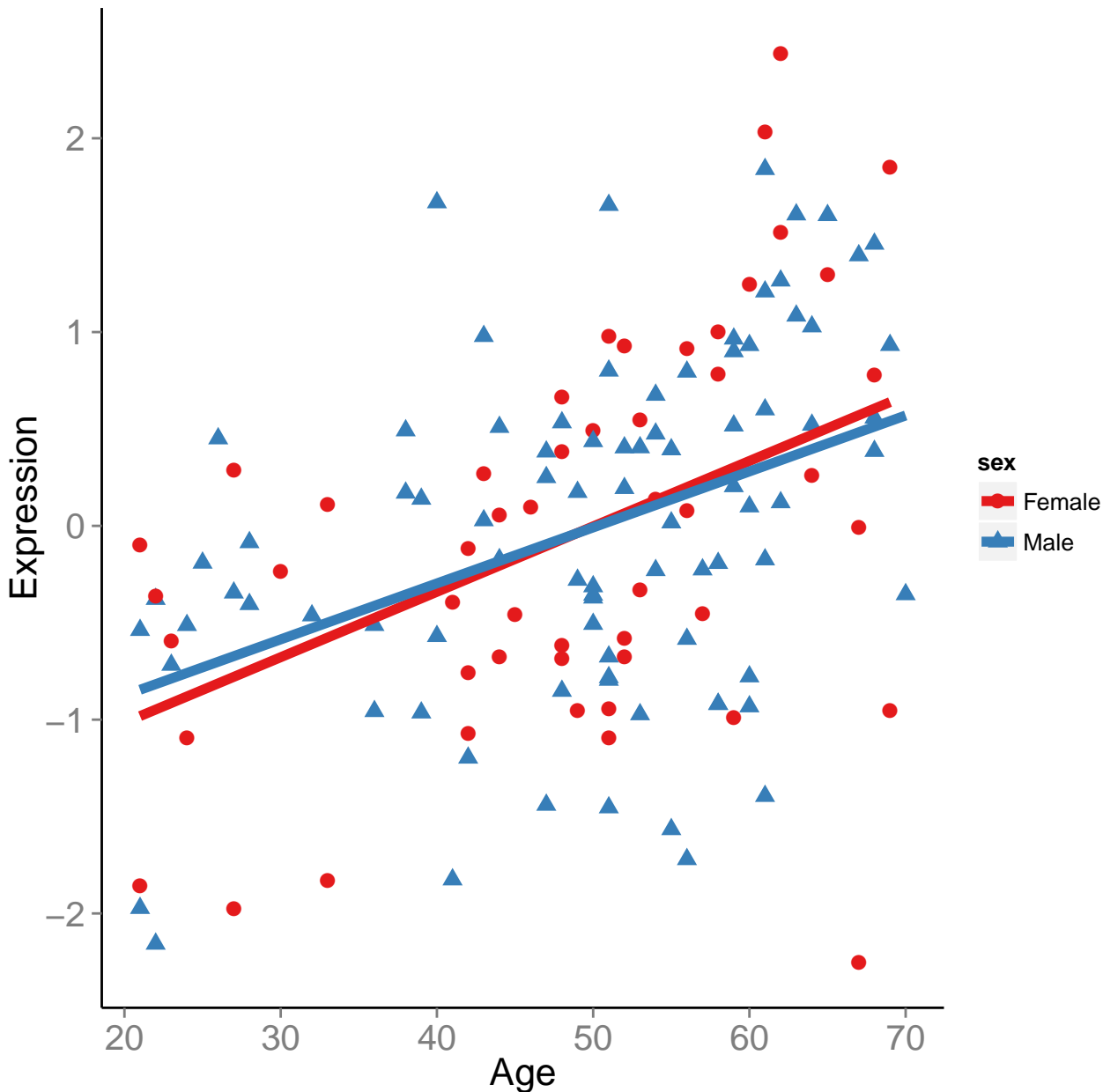
Muscle: NFKBIB Pearson-R=-0.43 Pval=1.28E-07



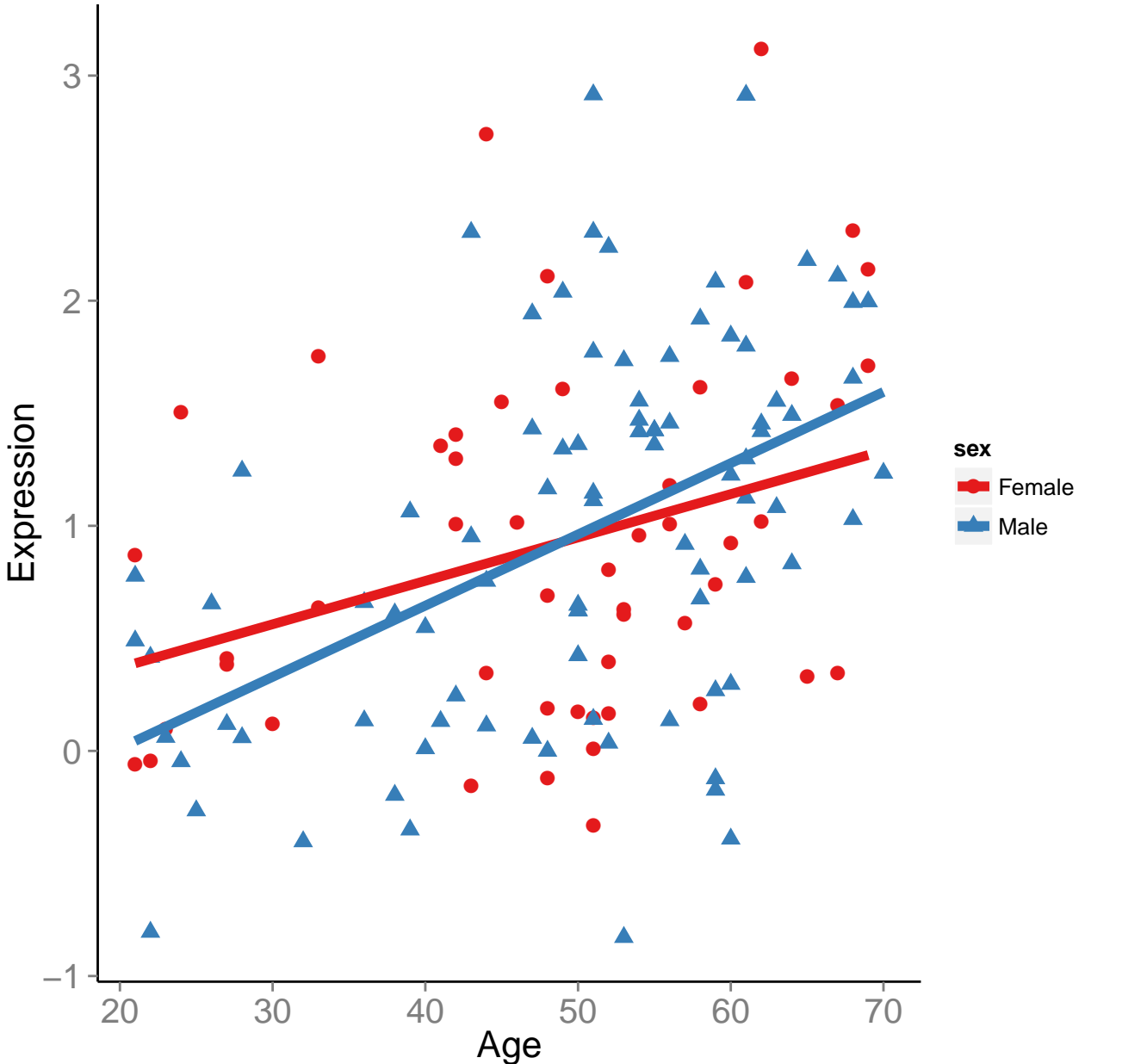
Muscle: FAM198A Pearson-R=0.43 Pval=1.50E-07



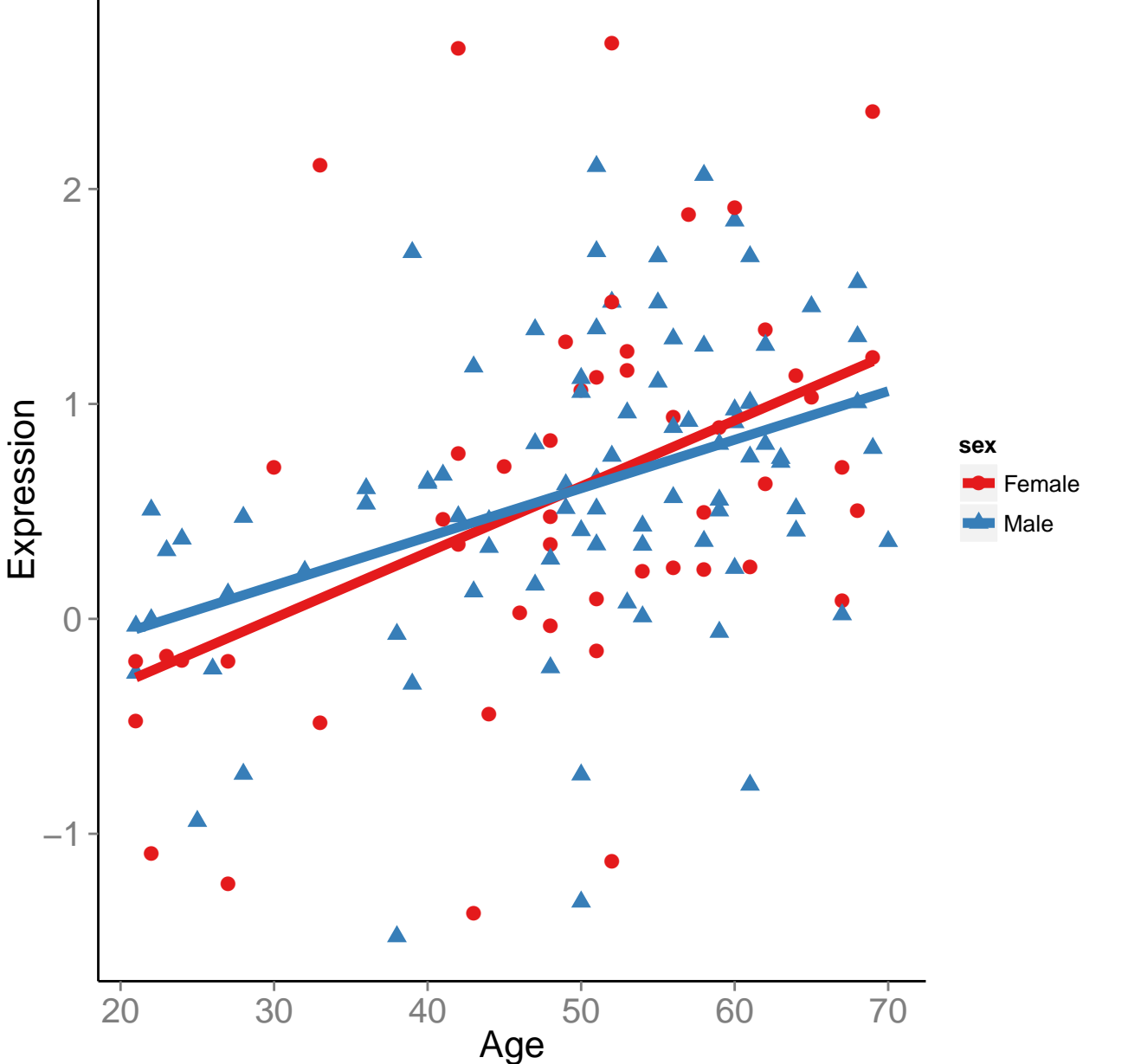
Muscle: ARHGAP36 Pearson-R=0.43 Pval=1.83E-07



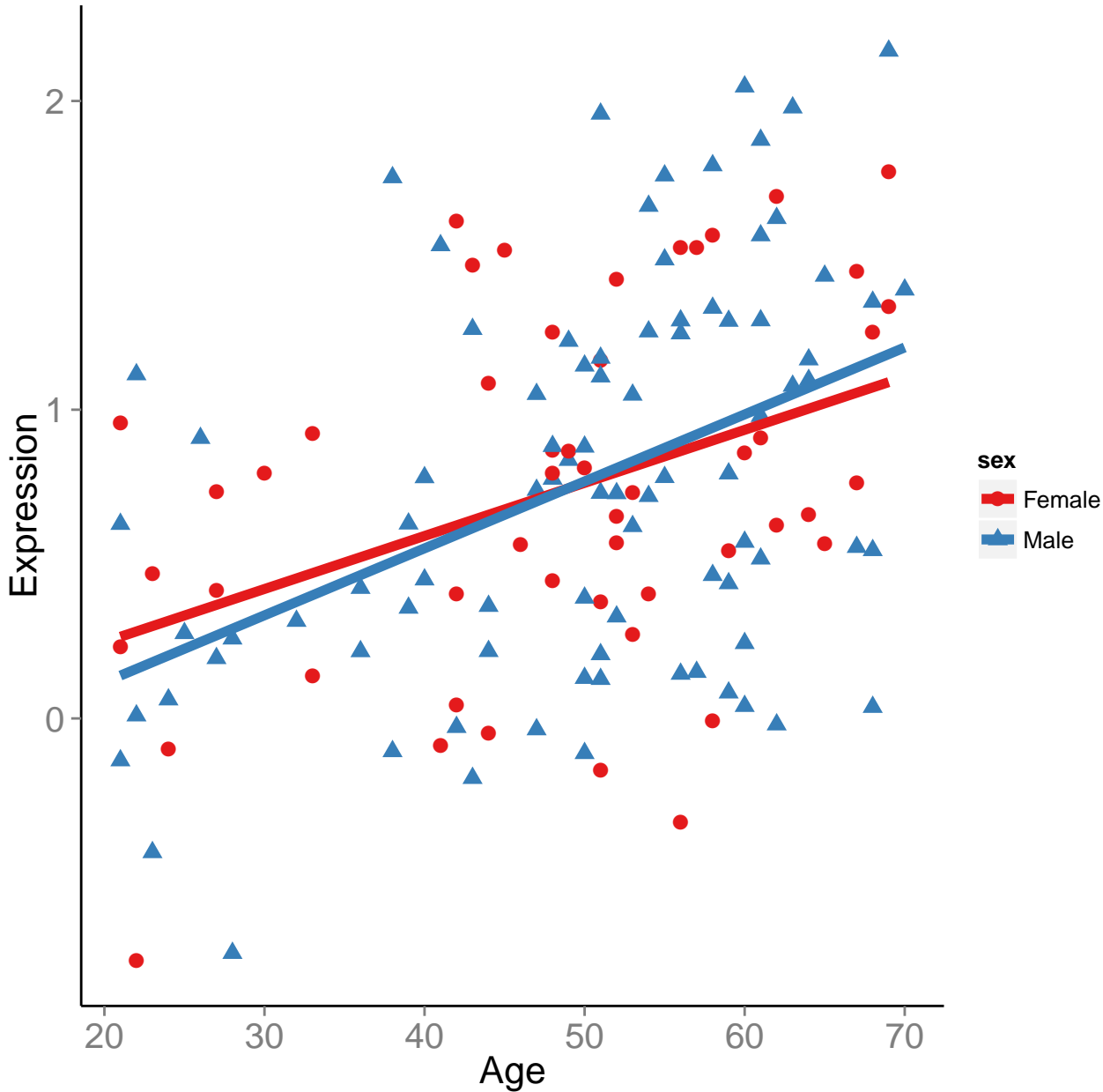
Muscle: AC004562.1 Pearson-R=0.43 Pval=1.71E-07



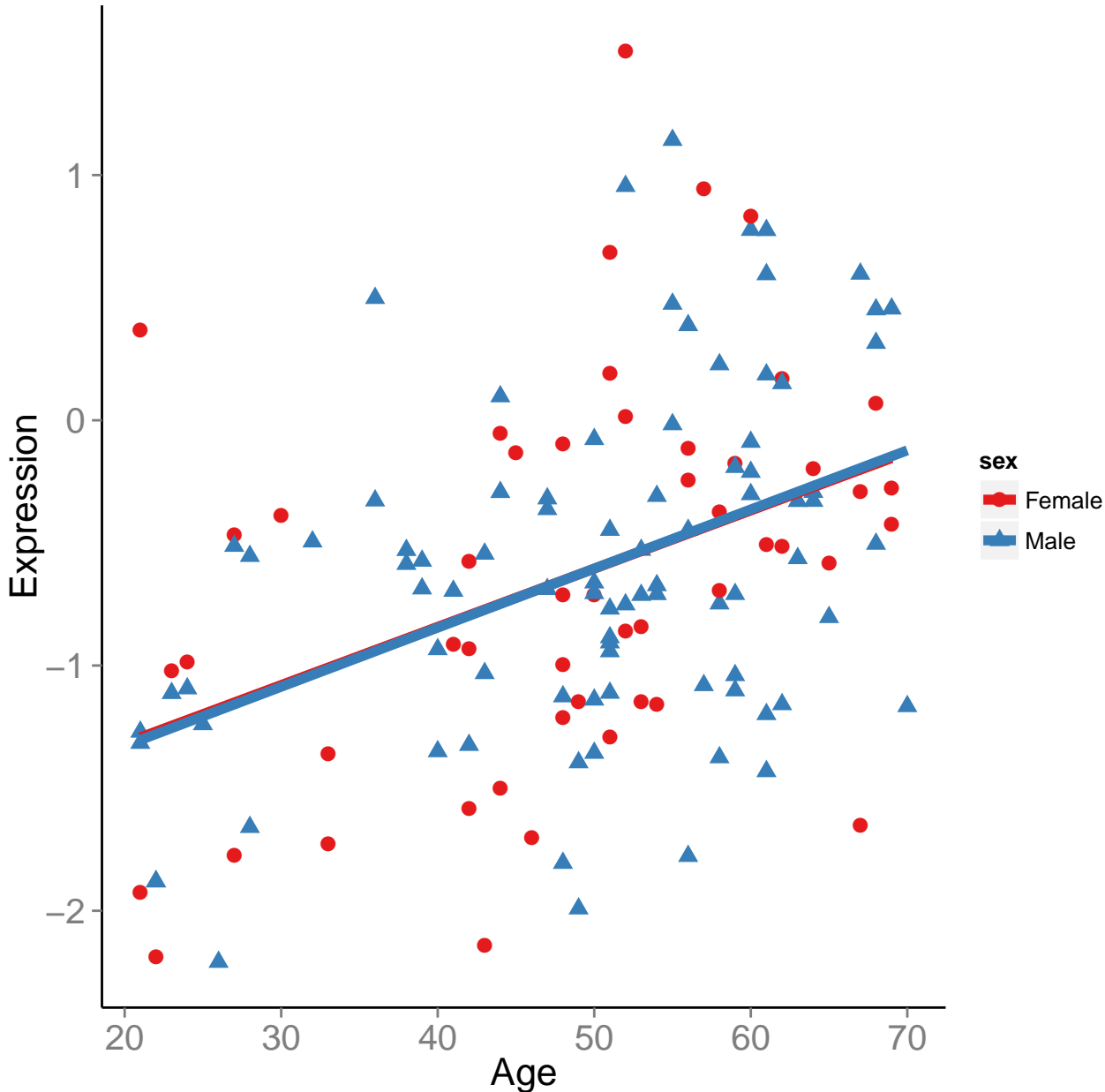
Muscle: AC009475.2 Pearson-R=0.43 Pval=1.77E-07



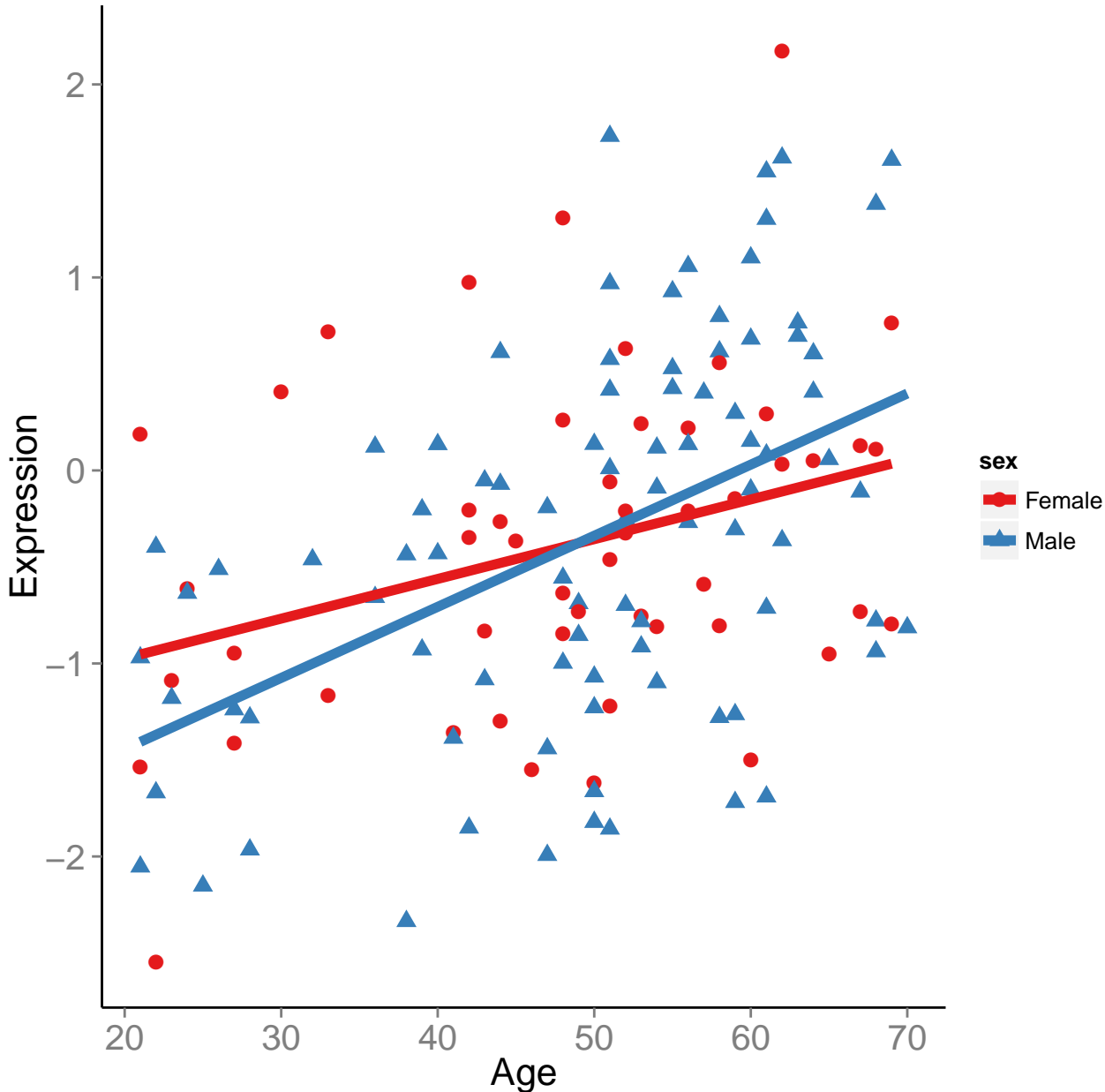
Muscle: STXBP5 Pearson-R=0.42 Pval=2.40E-07



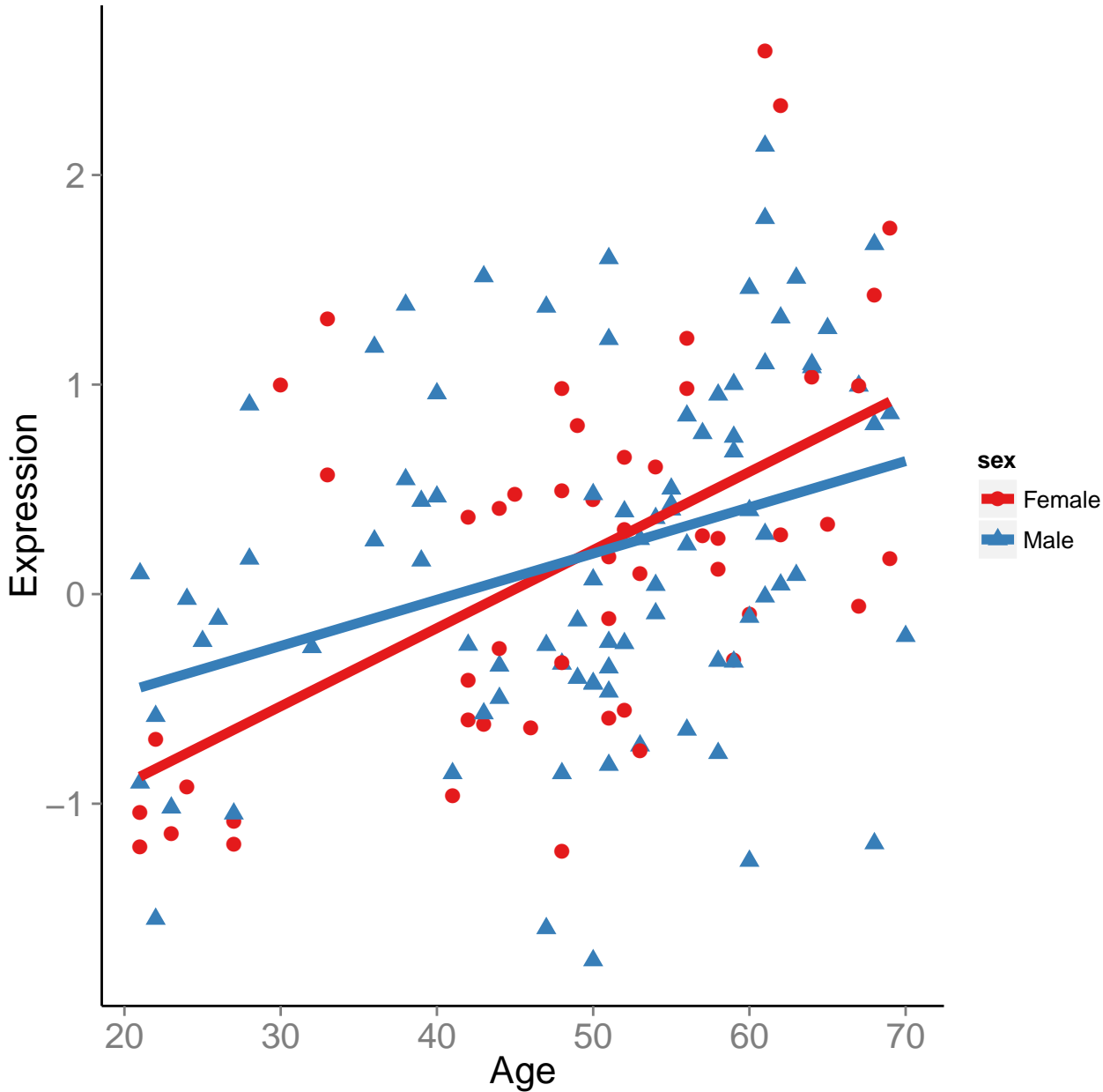
Muscle: IKZF2 Pearson-R=0.42 Pval=2.36E-07



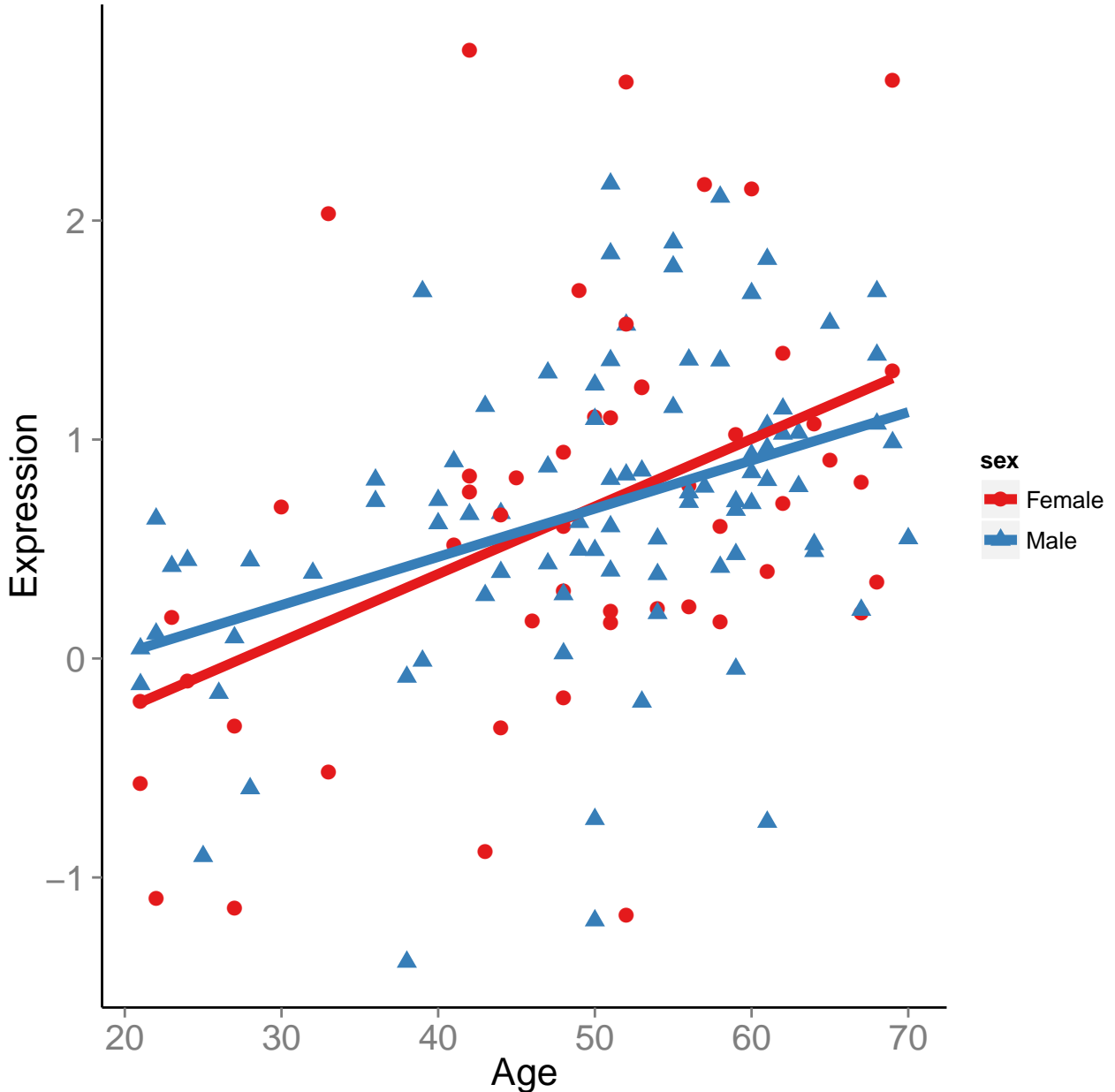
Muscle: CBX5 Pearson-R=0.42 Pval=2.04E-07



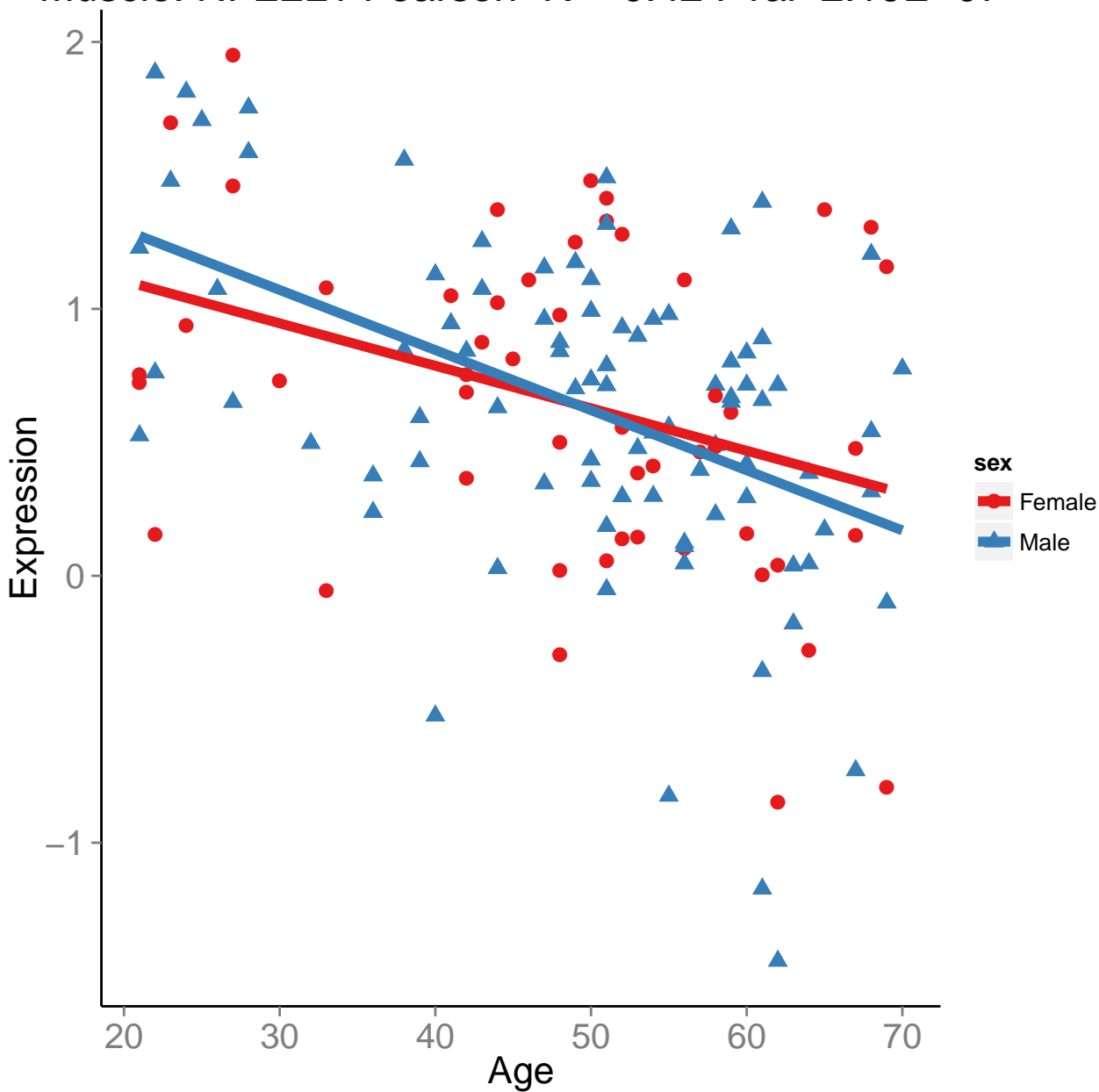
Muscle: PLCE1 Pearson-R=0.42 Pval=2.08E-07



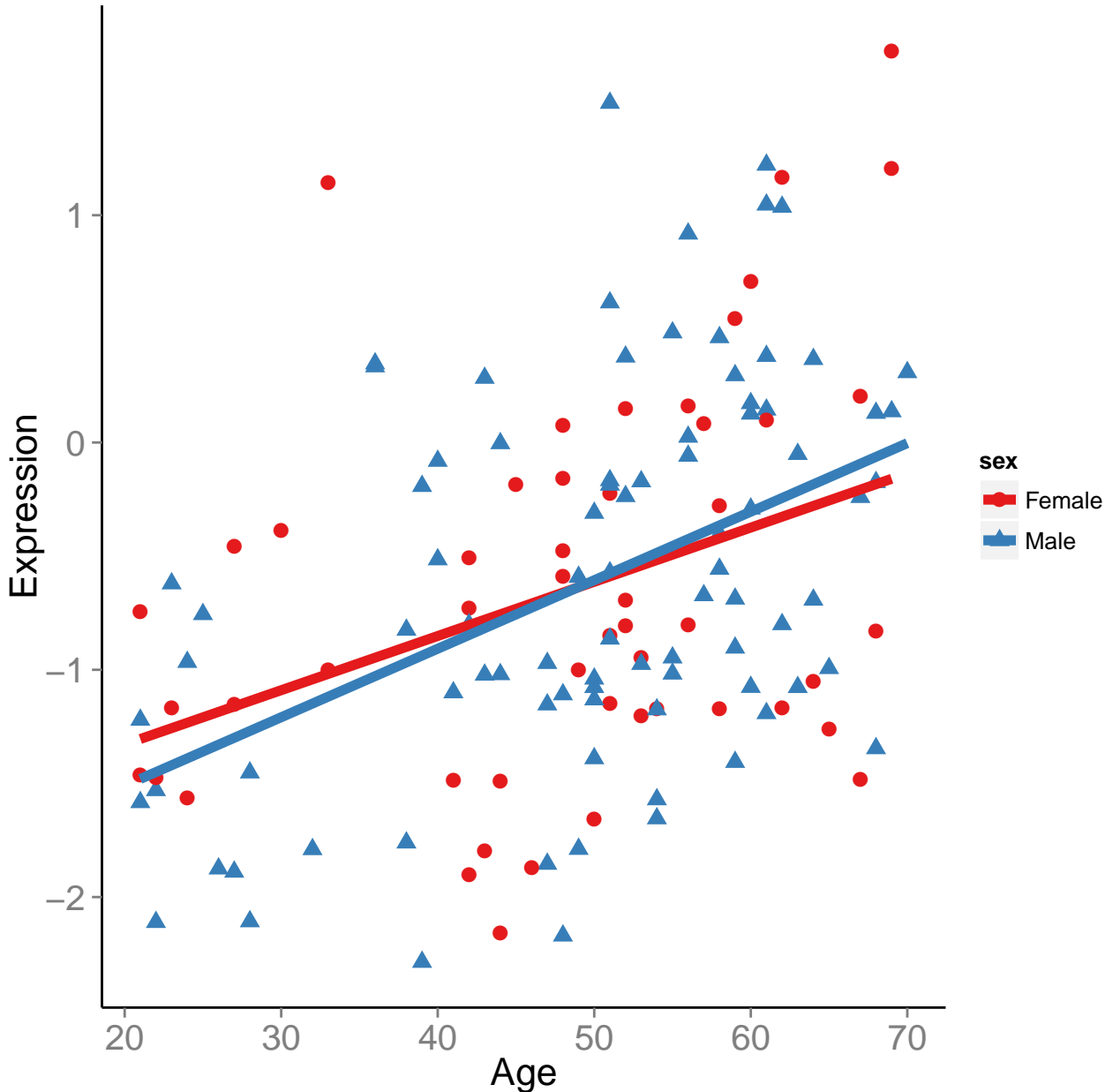
Muscle: CERS6 Pearson-R=0.42 Pval=2.41E-07



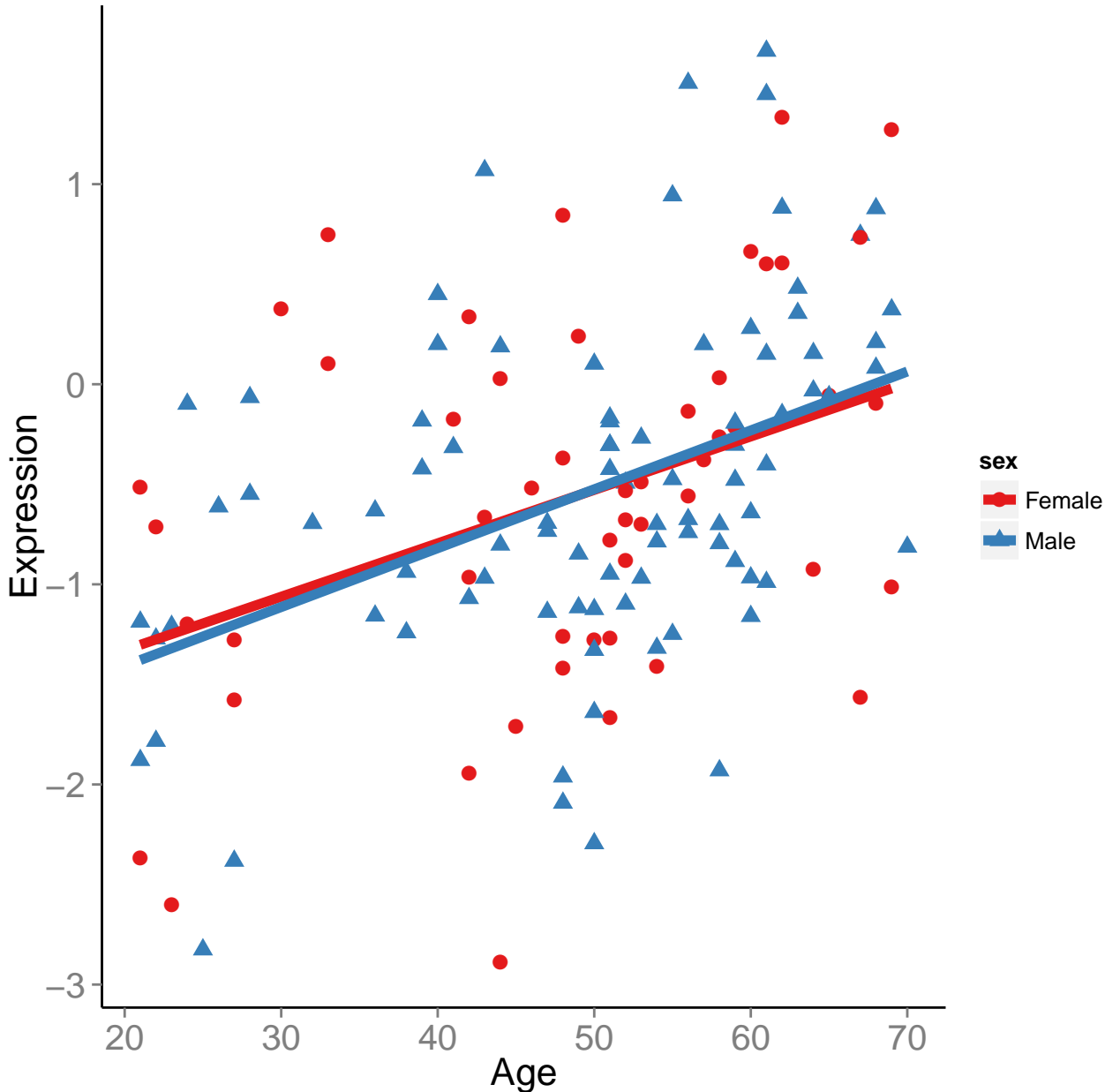
Muscle: NFE2L1 Pearson-R=-0.42 Pval=2.19E-07



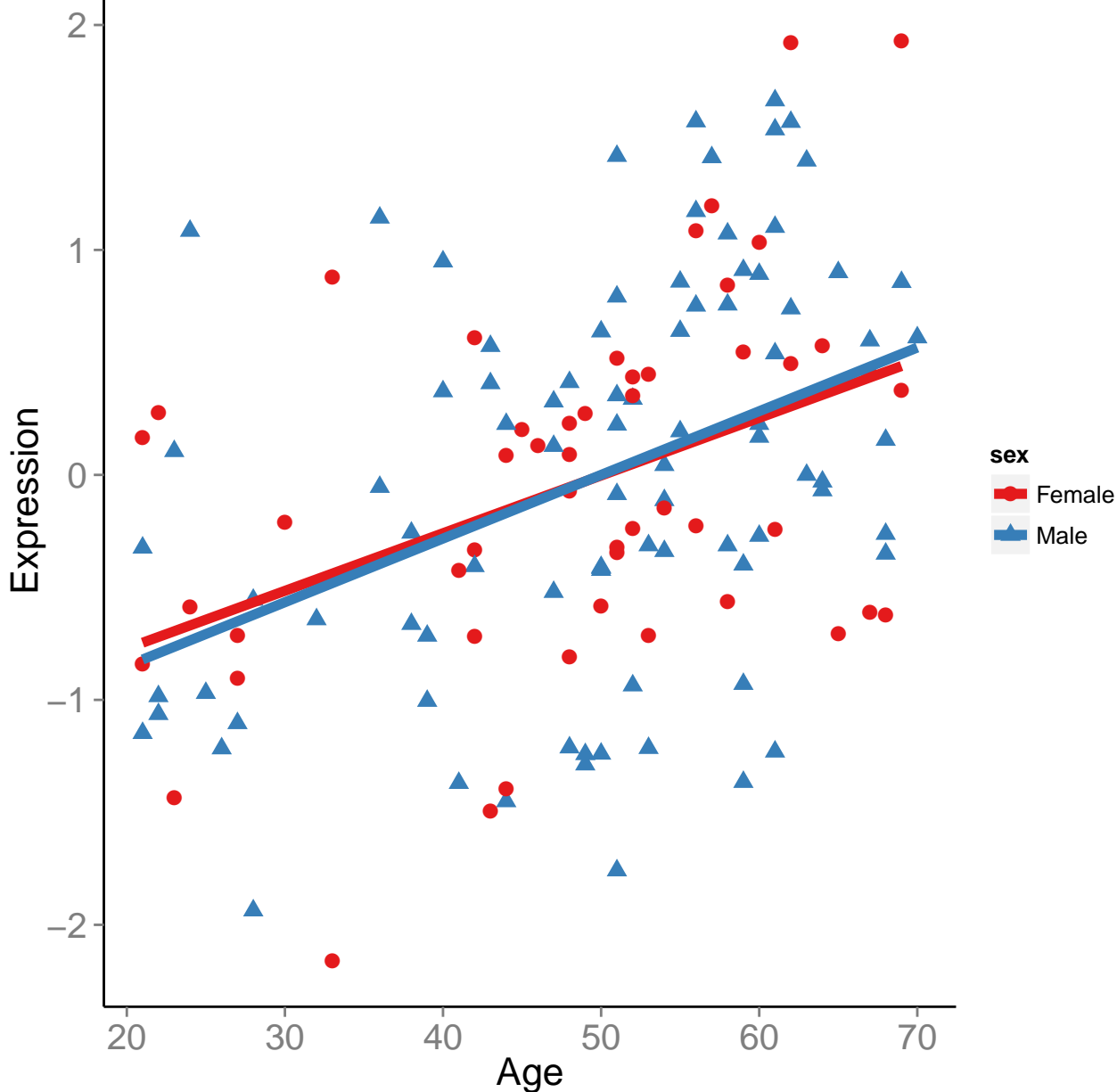
Muscle: EXOG Pearson-R=0.42 Pval=2.26E-07



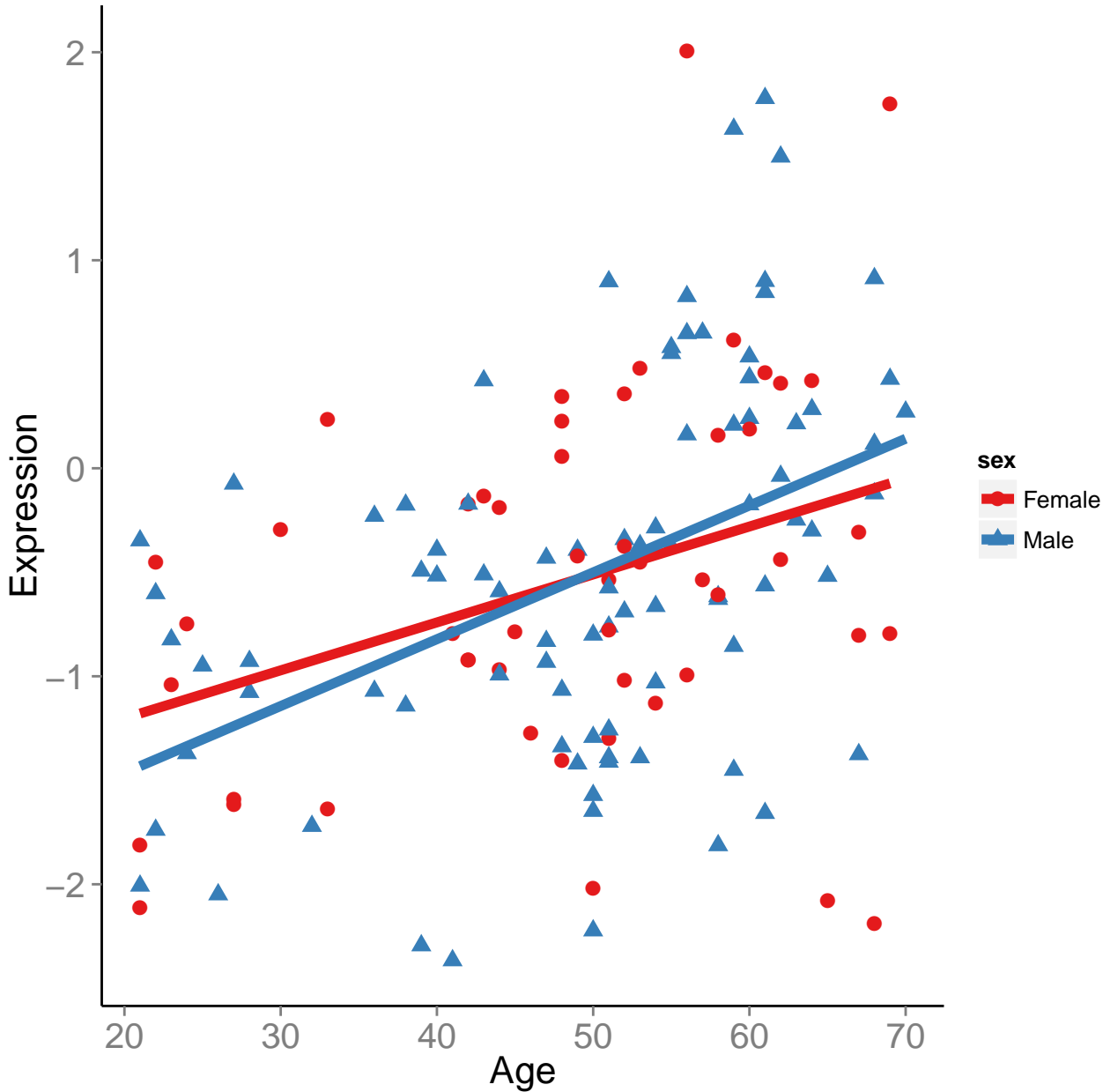
Muscle: CXorf57 Pearson-R=0.42 Pval=3.96E-07



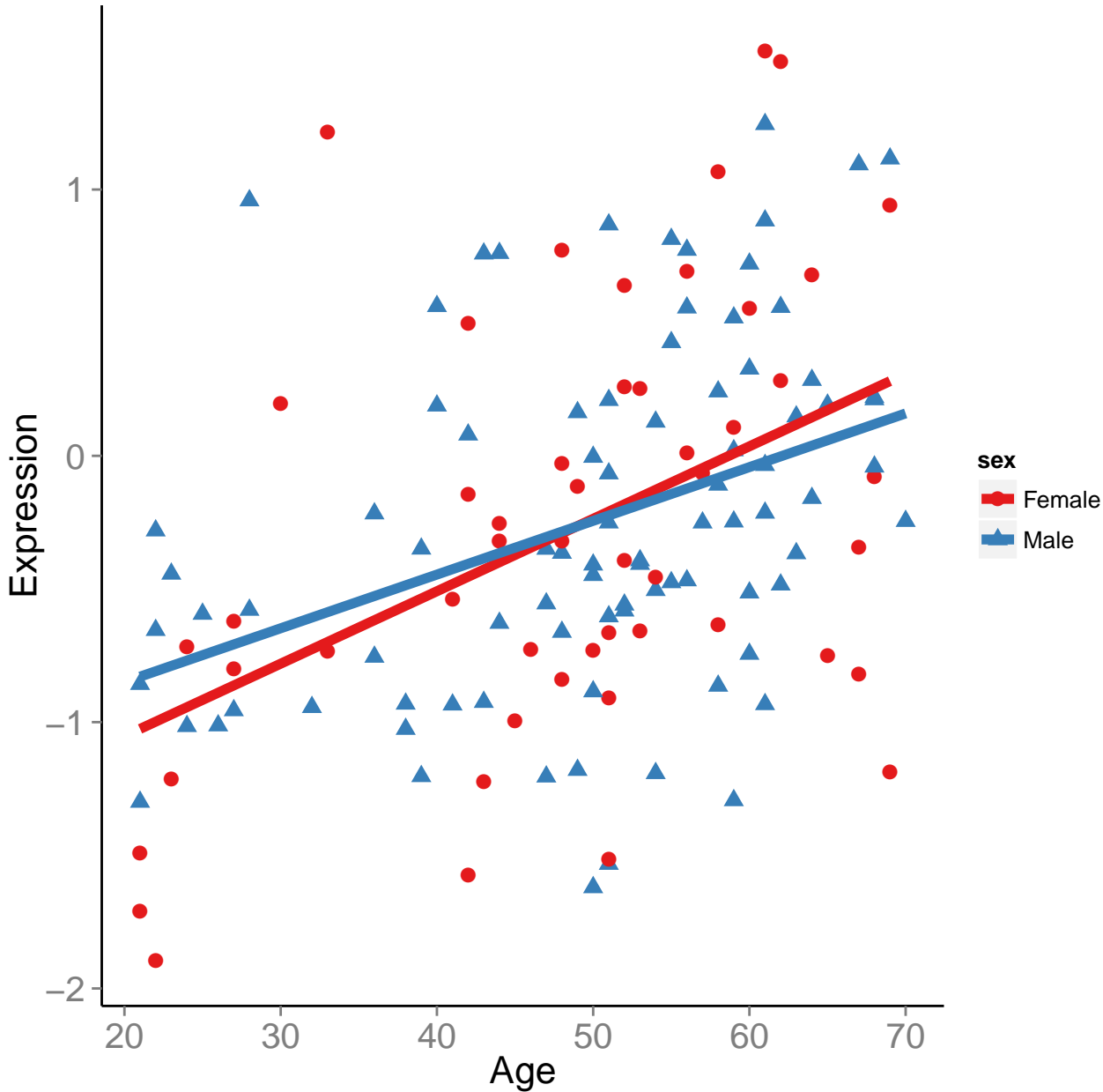
Muscle: POLE Pearson-R=0.42 Pval=3.90E-07



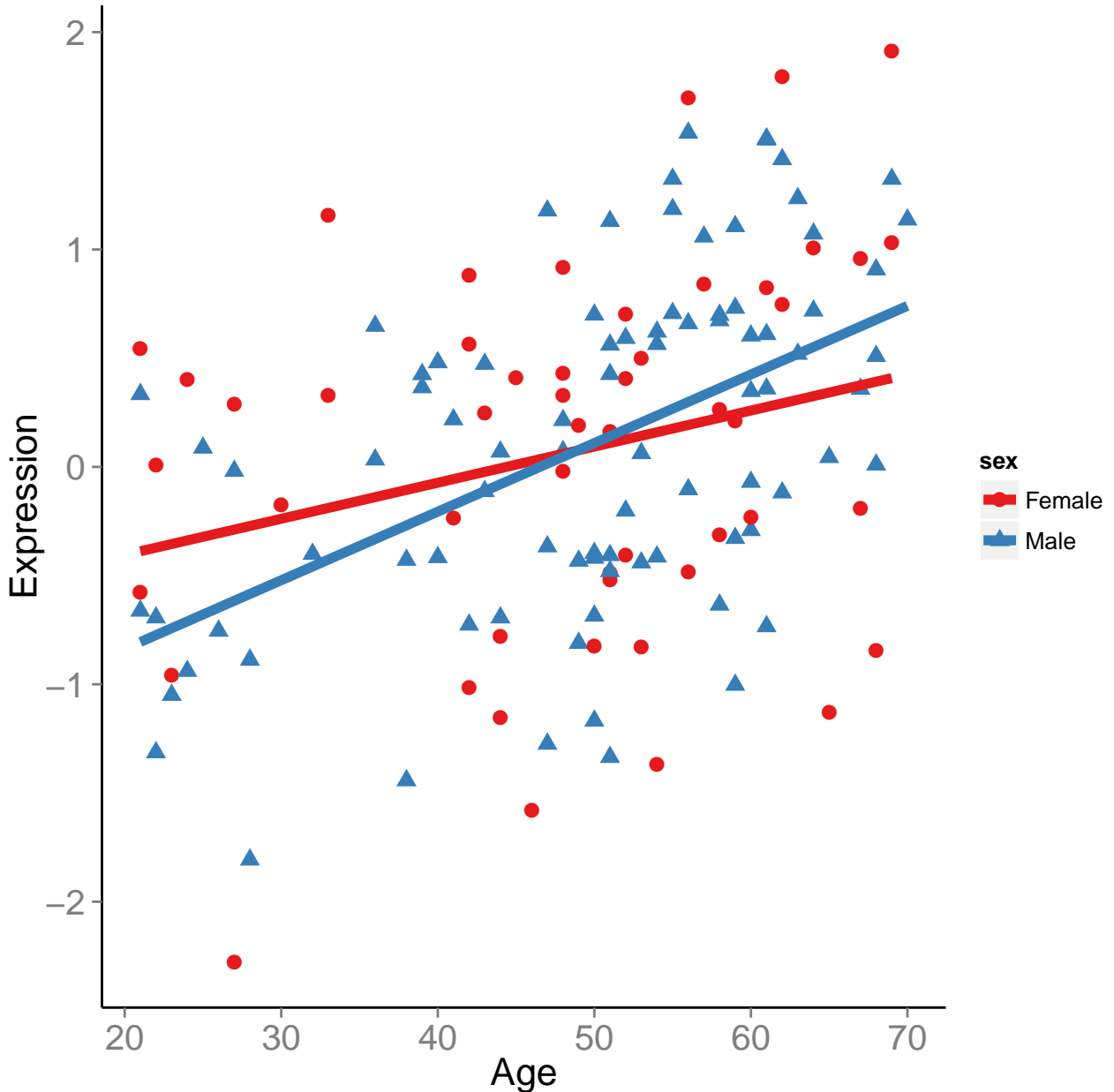
Muscle: MRPS25 Pearson-R=0.42 Pval=3.79E-07



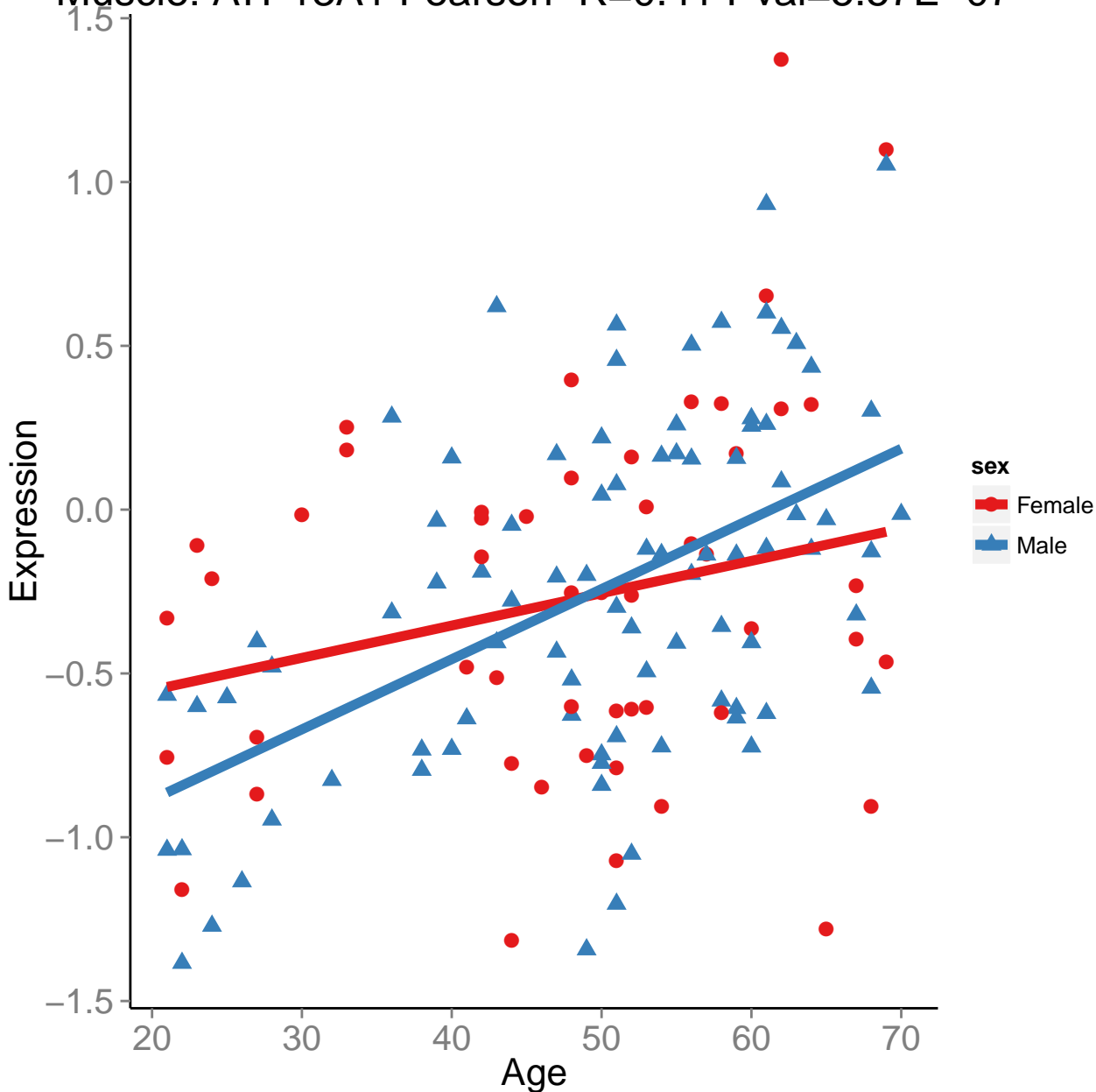
Muscle: ANAPC7 Pearson-R=0.41 Pval=4.46E-07



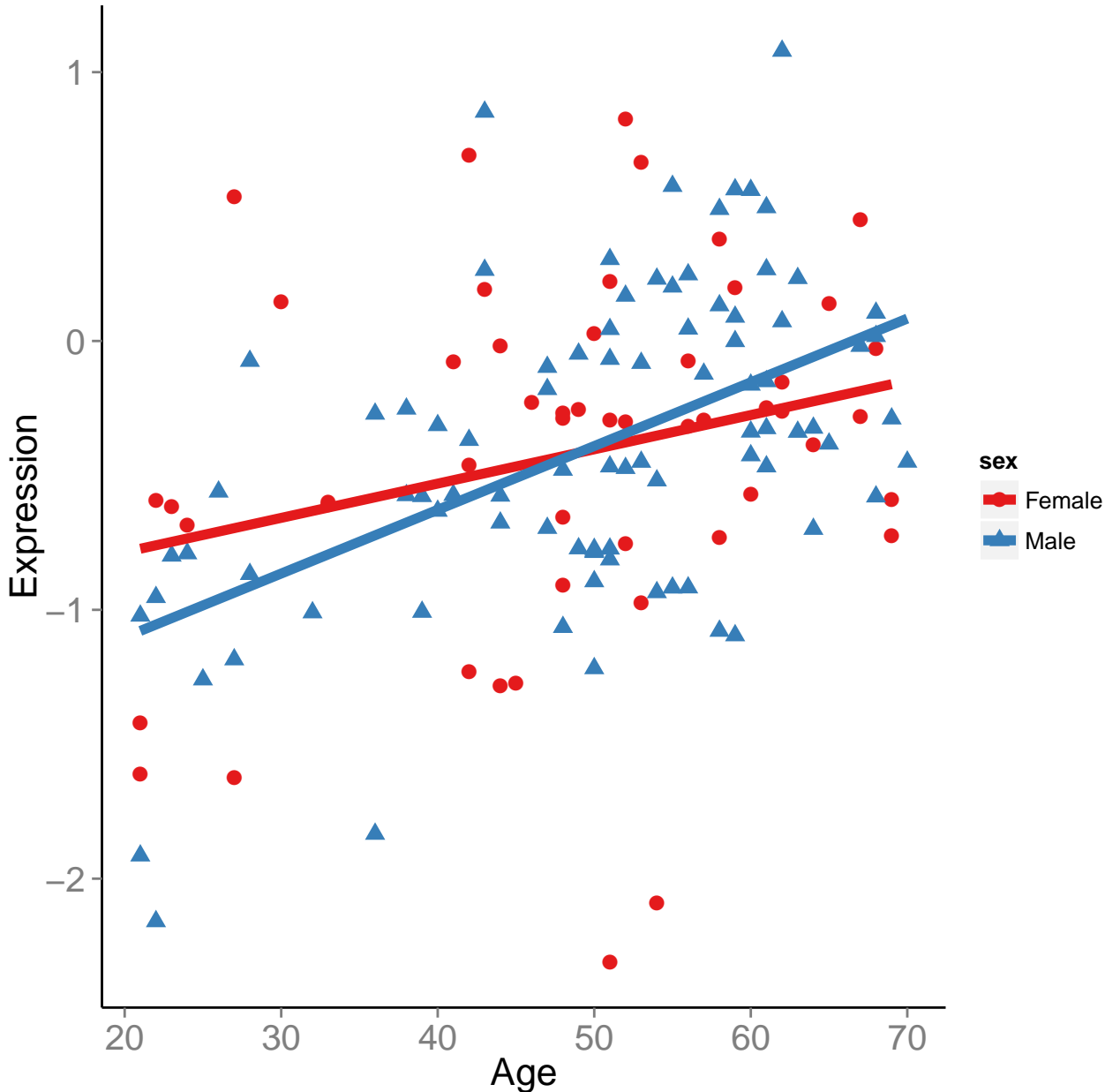
Muscle: HDAC6 Pearson-R=0.41 Pval=5.42E-07



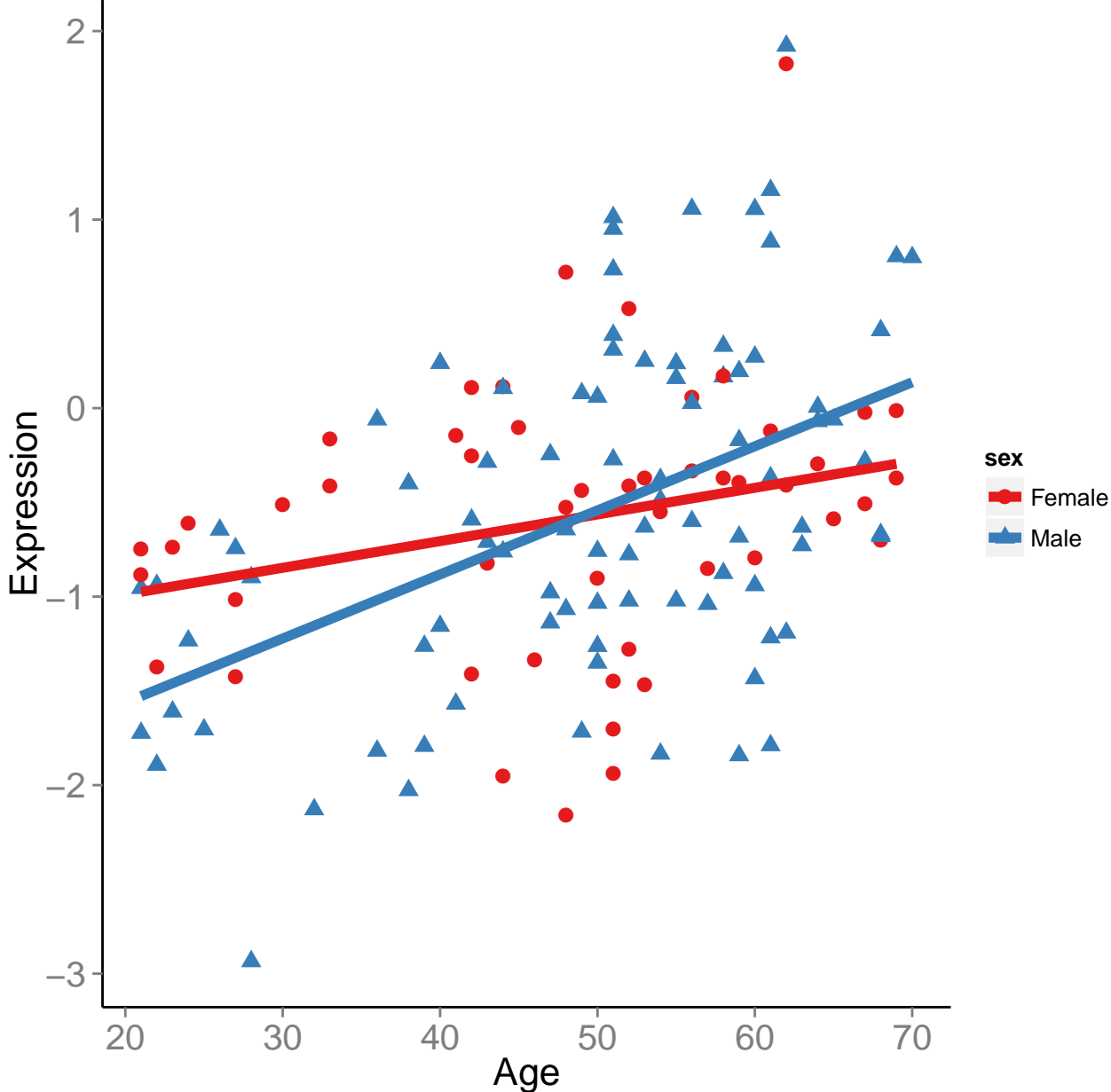
Muscle: ATP13A1 Pearson-R=0.41 Pval=5.57E-07



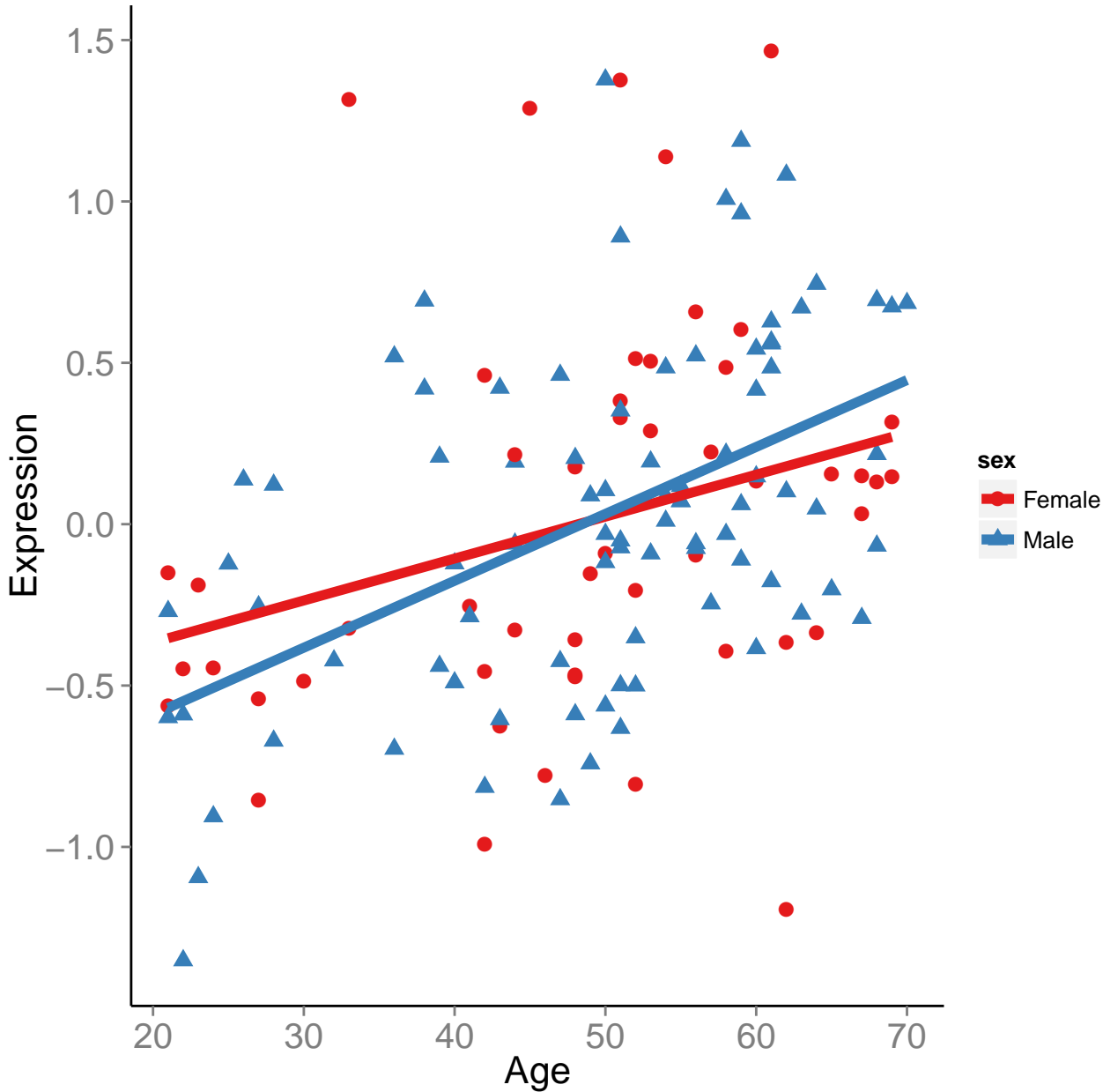
Muscle: PPP2R1A Pearson-R=0.41 Pval=5.18E-07



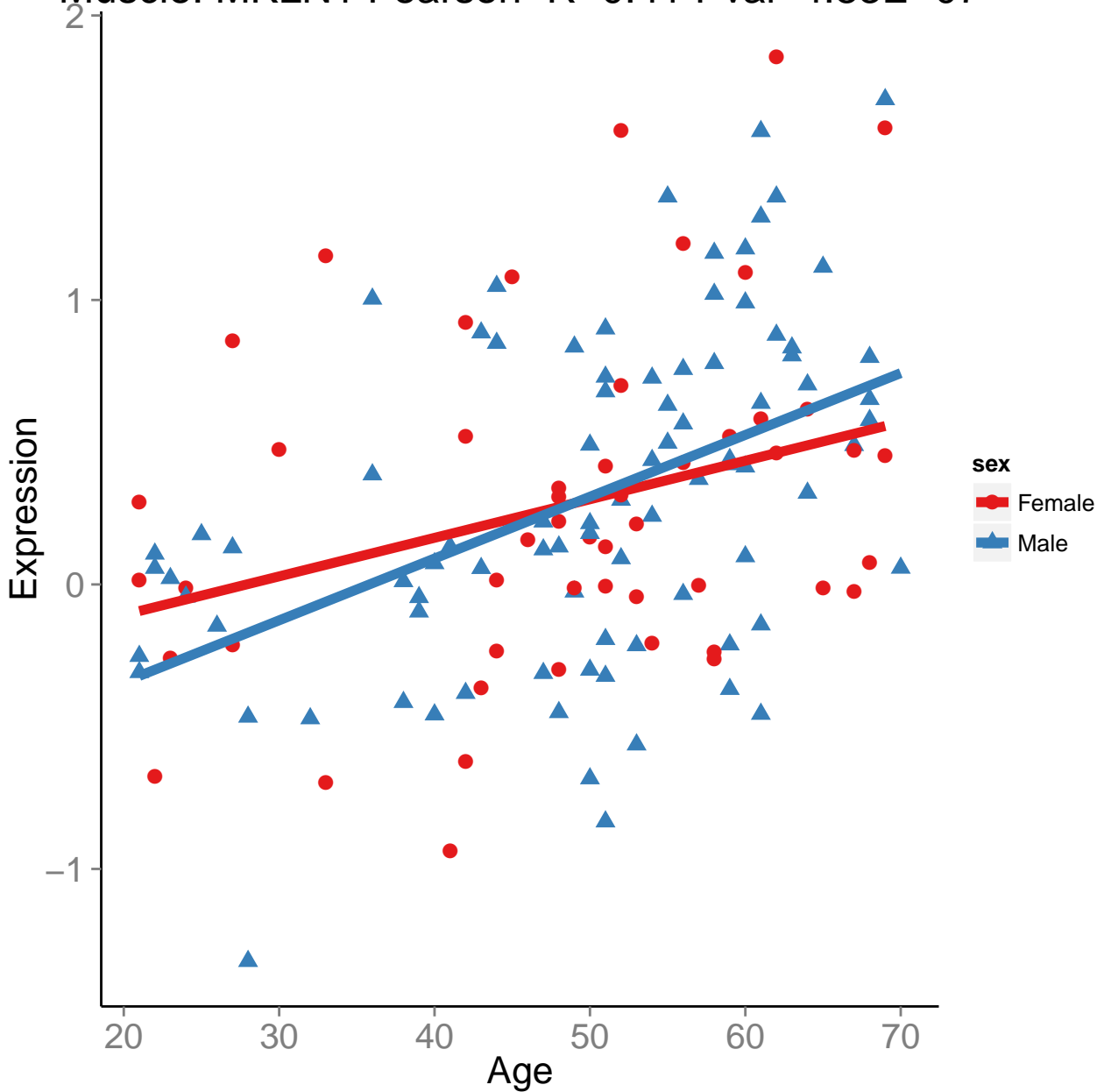
Muscle: REV1 Pearson-R=0.41 Pval=5.51E-07



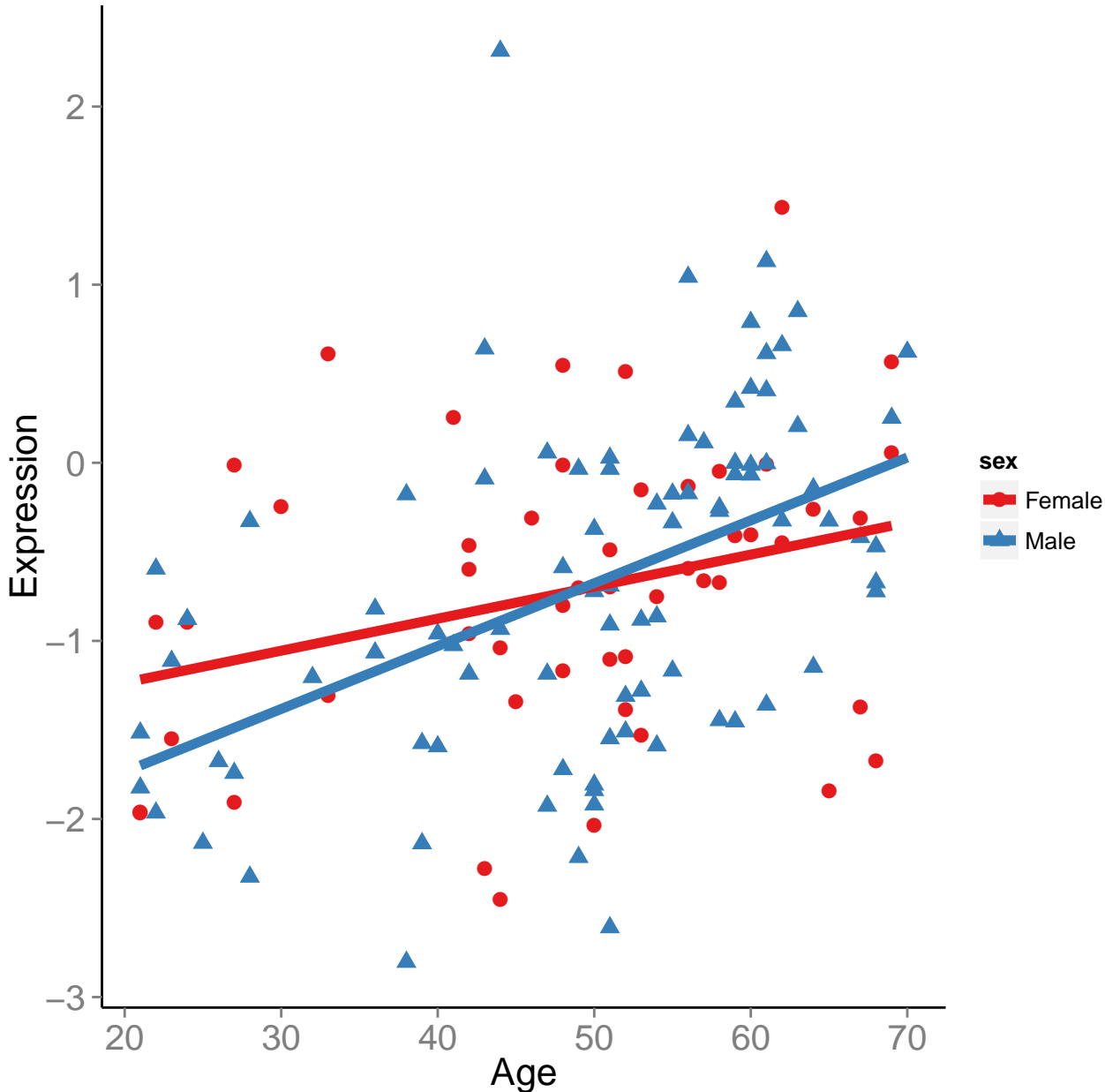
Muscle: SLPI Pearson-R=0.41 Pval=5.43E-07



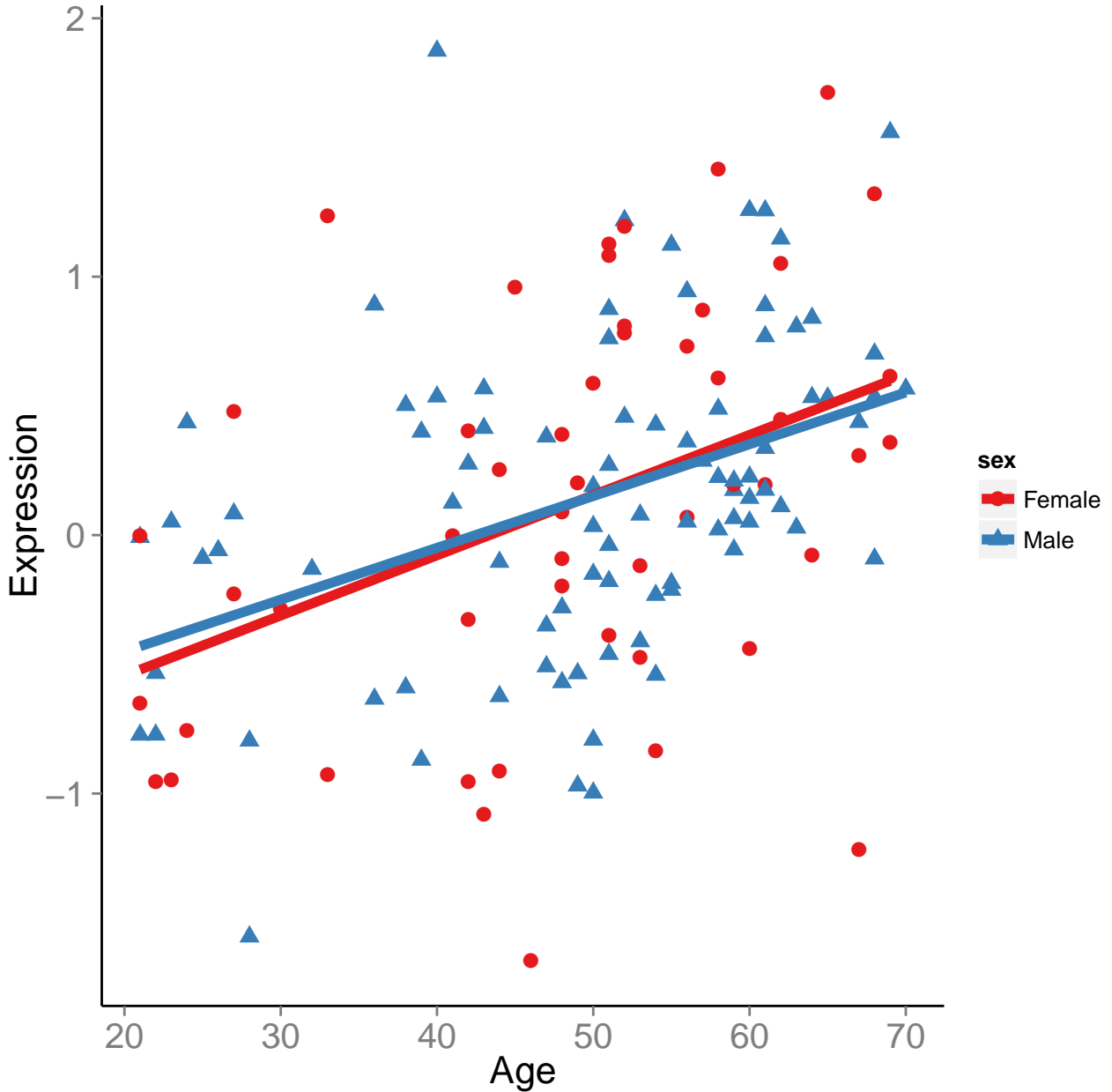
Muscle: MKLN1 Pearson-R=0.41 Pval=4.83E-07



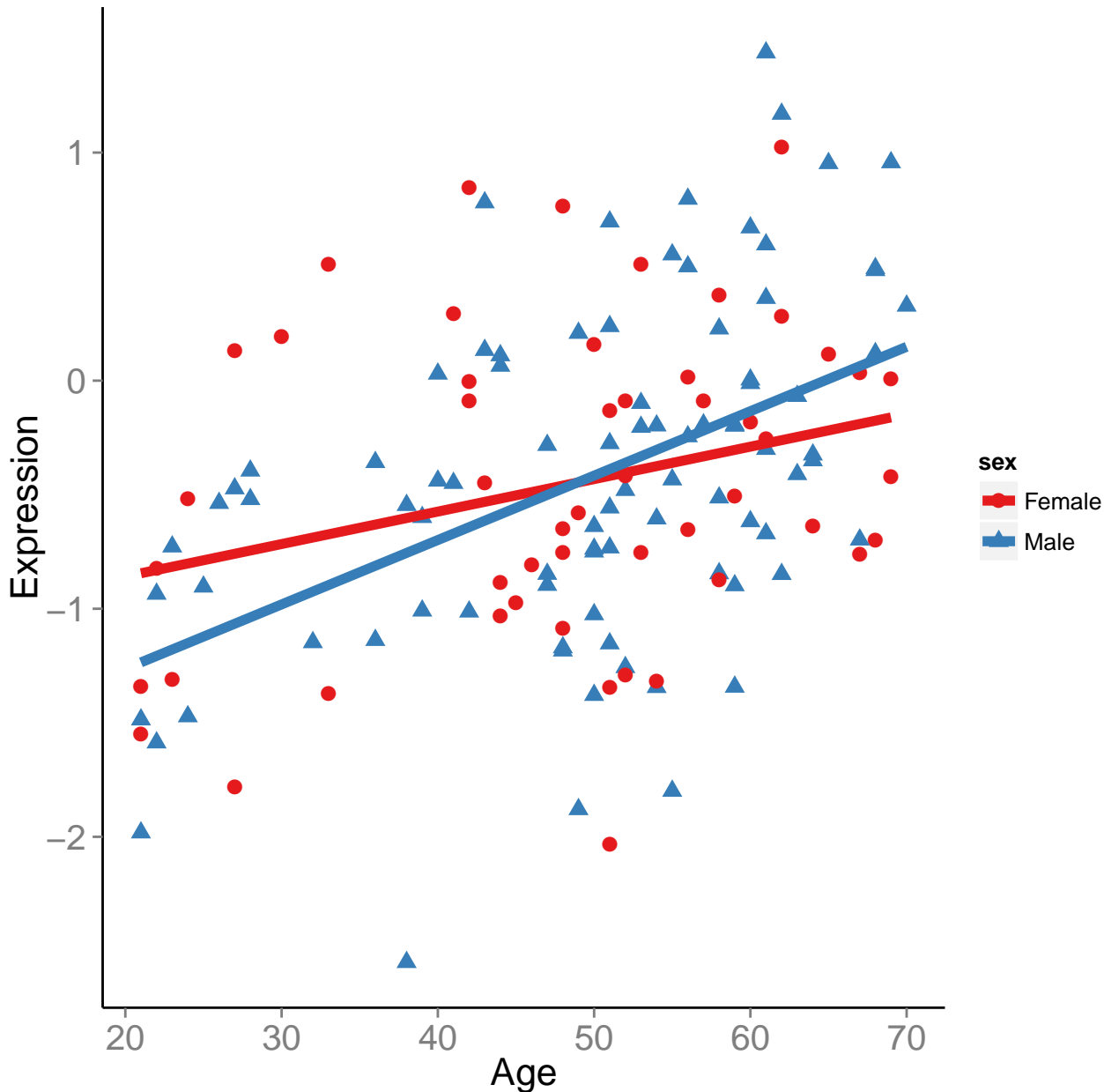
Muscle: TUBGCP6 Pearson-R=0.41 Pval=5.03E-07



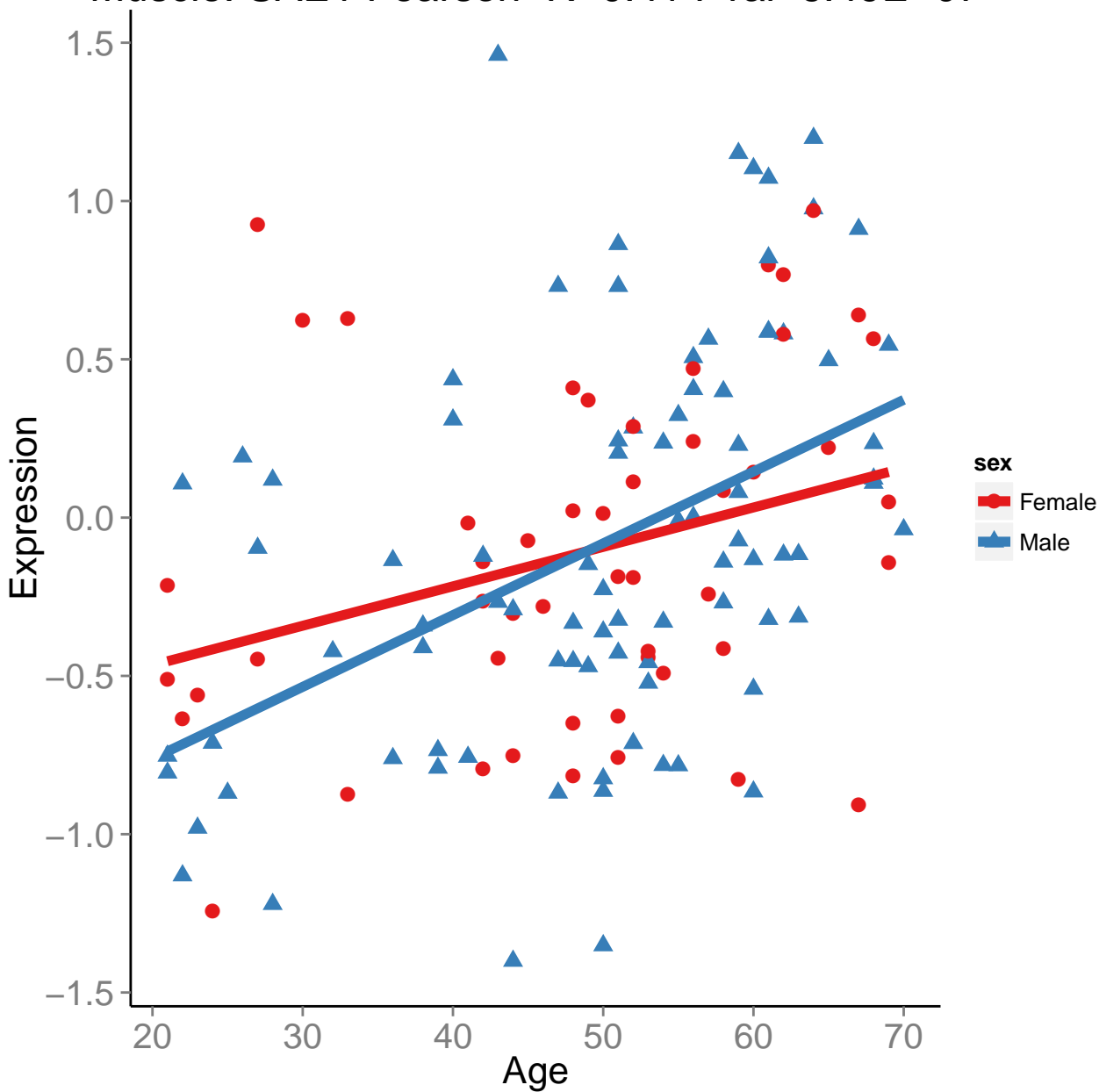
Muscle: CHST3 Pearson-R=0.41 Pval=5.95E-07



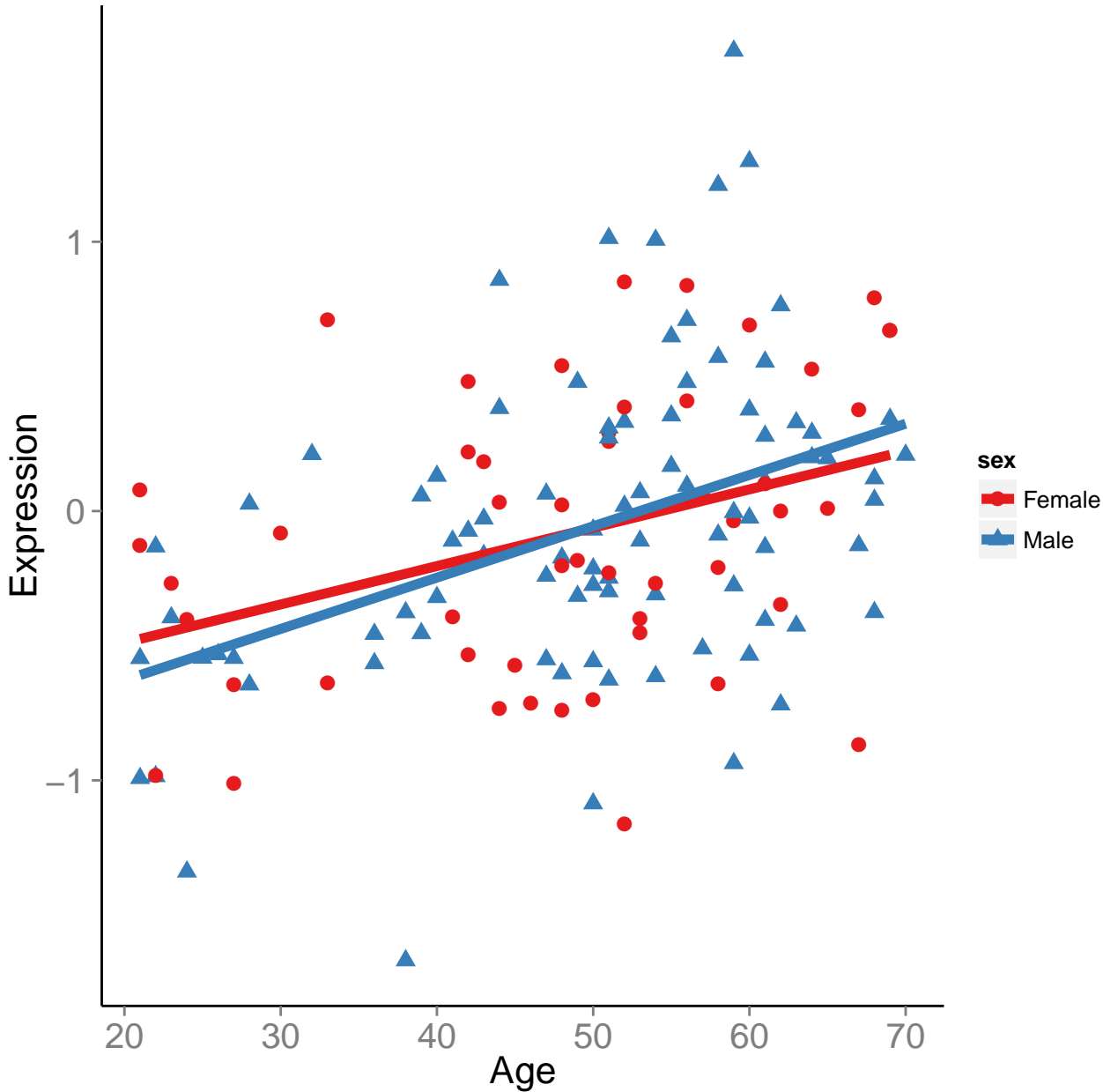
Muscle: NCOA6 Pearson-R=0.41 Pval=6.09E-07



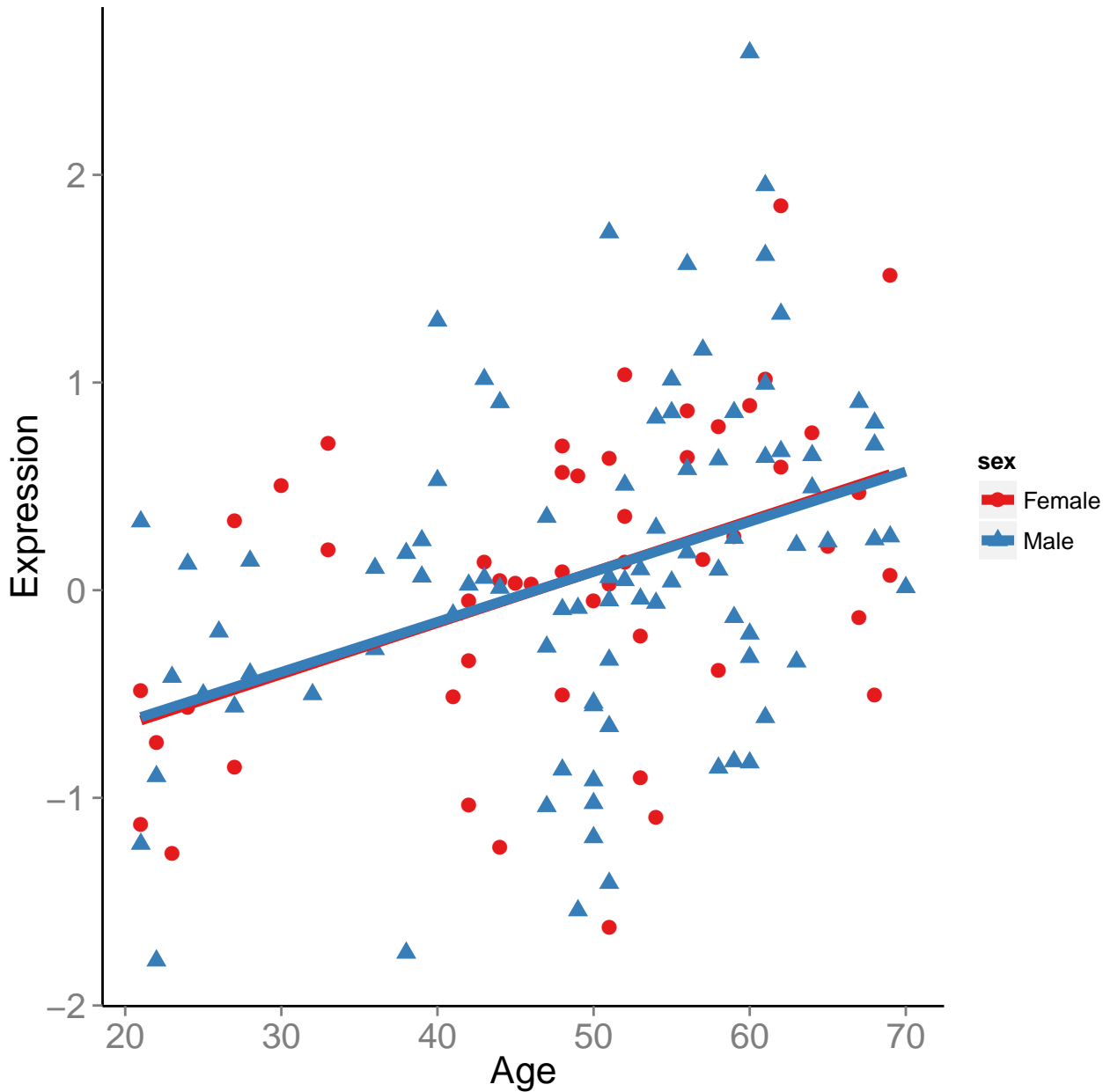
Muscle: SAE1 Pearson-R=0.41 Pval=6.49E-07



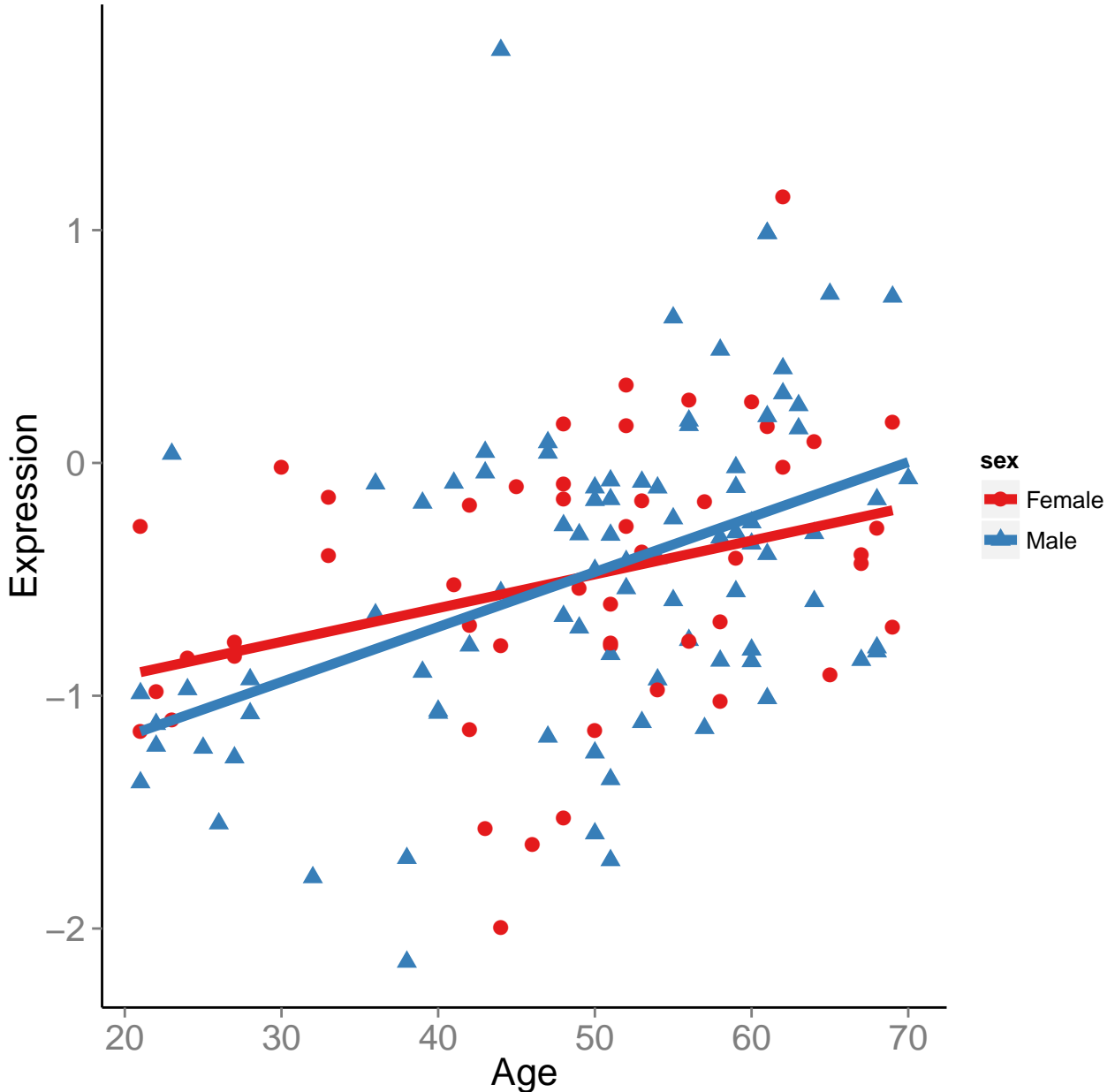
Muscle: TTI1 Pearson-R=0.41 Pval=8.15E-07



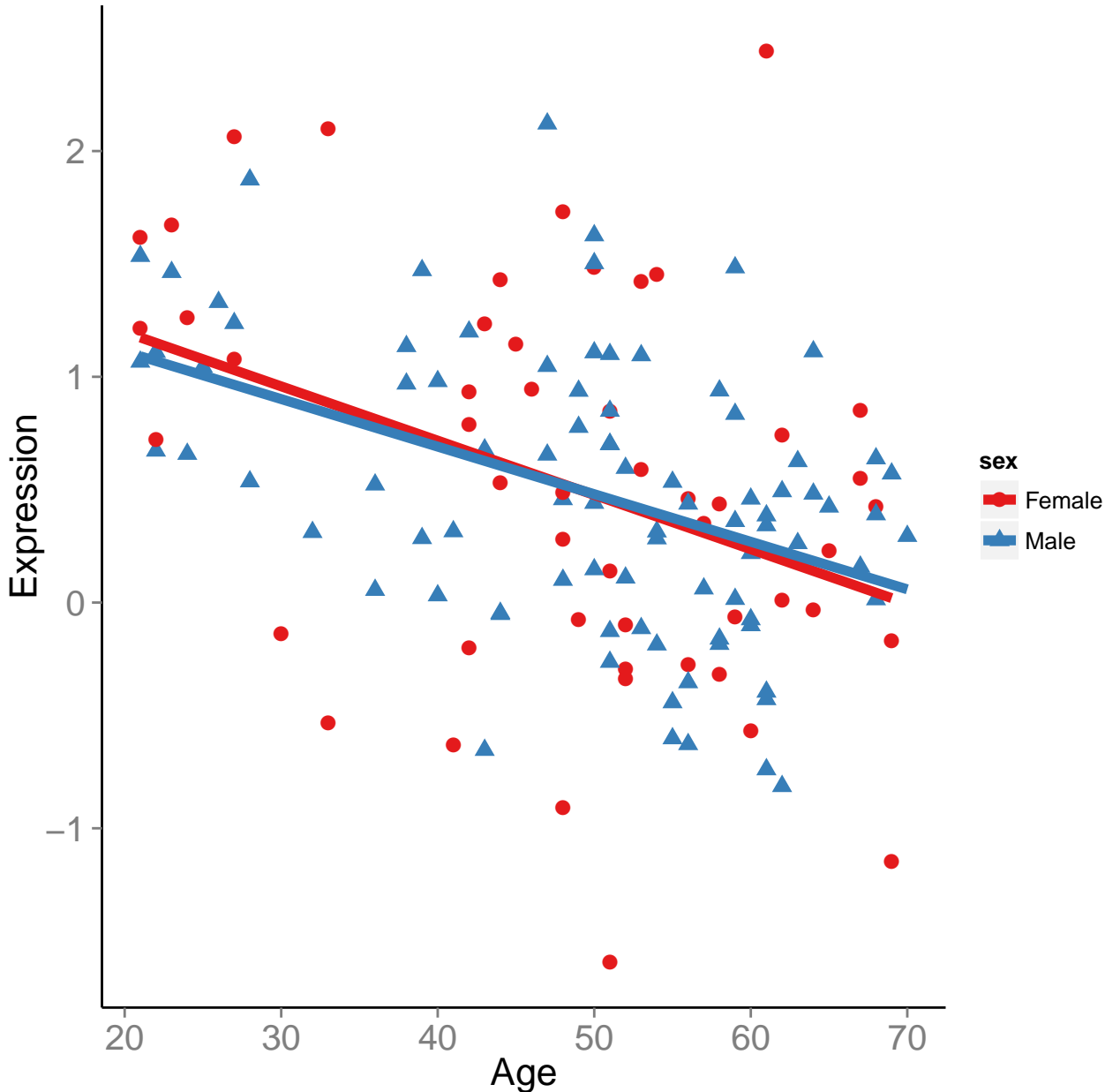
Muscle: EPG5 Pearson-R=0.40 Pval=8.47E-07



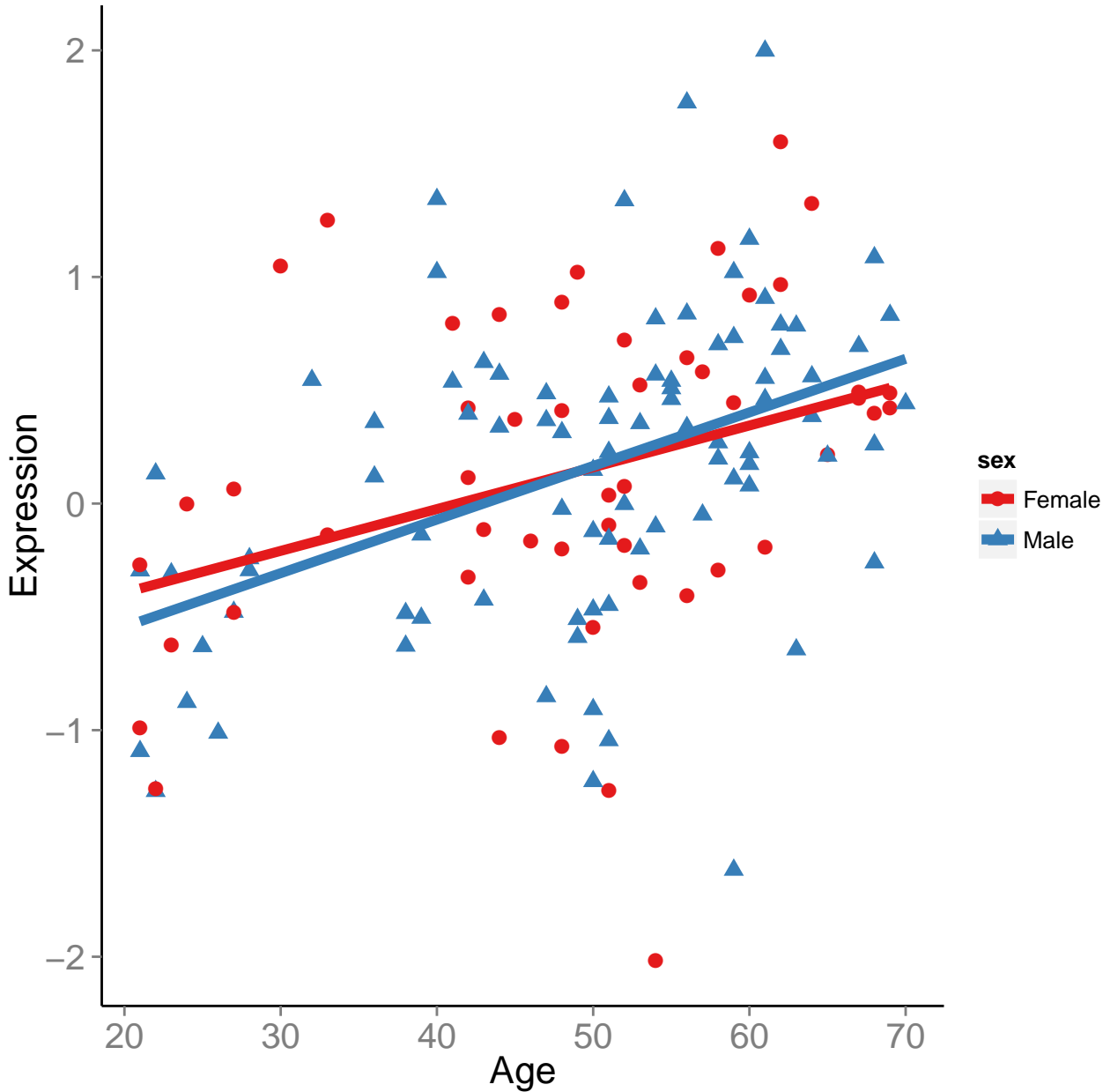
Muscle: ADCK5 Pearson-R=0.40 Pval=9.18E-07



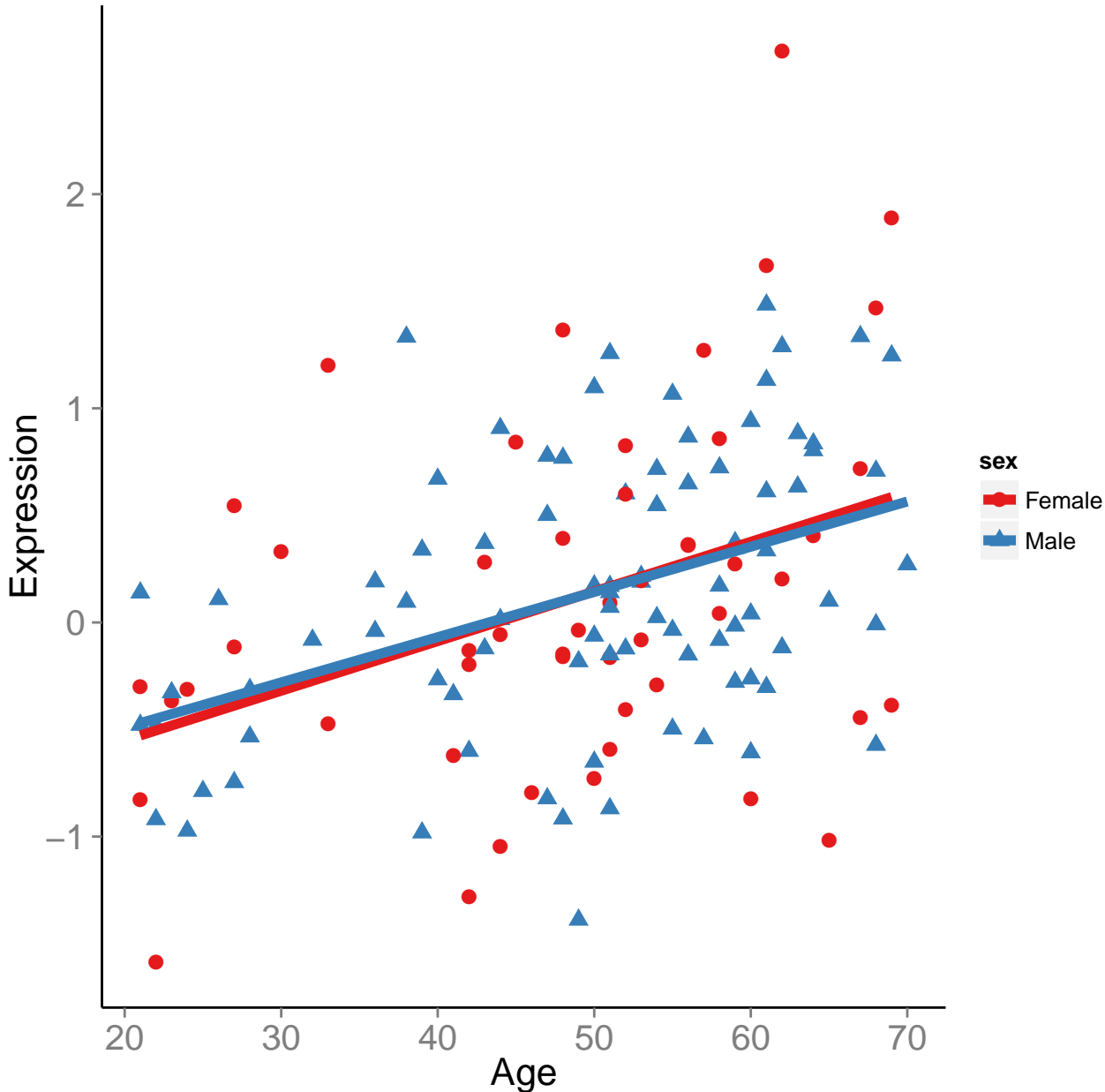
Muscle: PDZRN3 Pearson-R=-0.40 Pval=9.68E-07



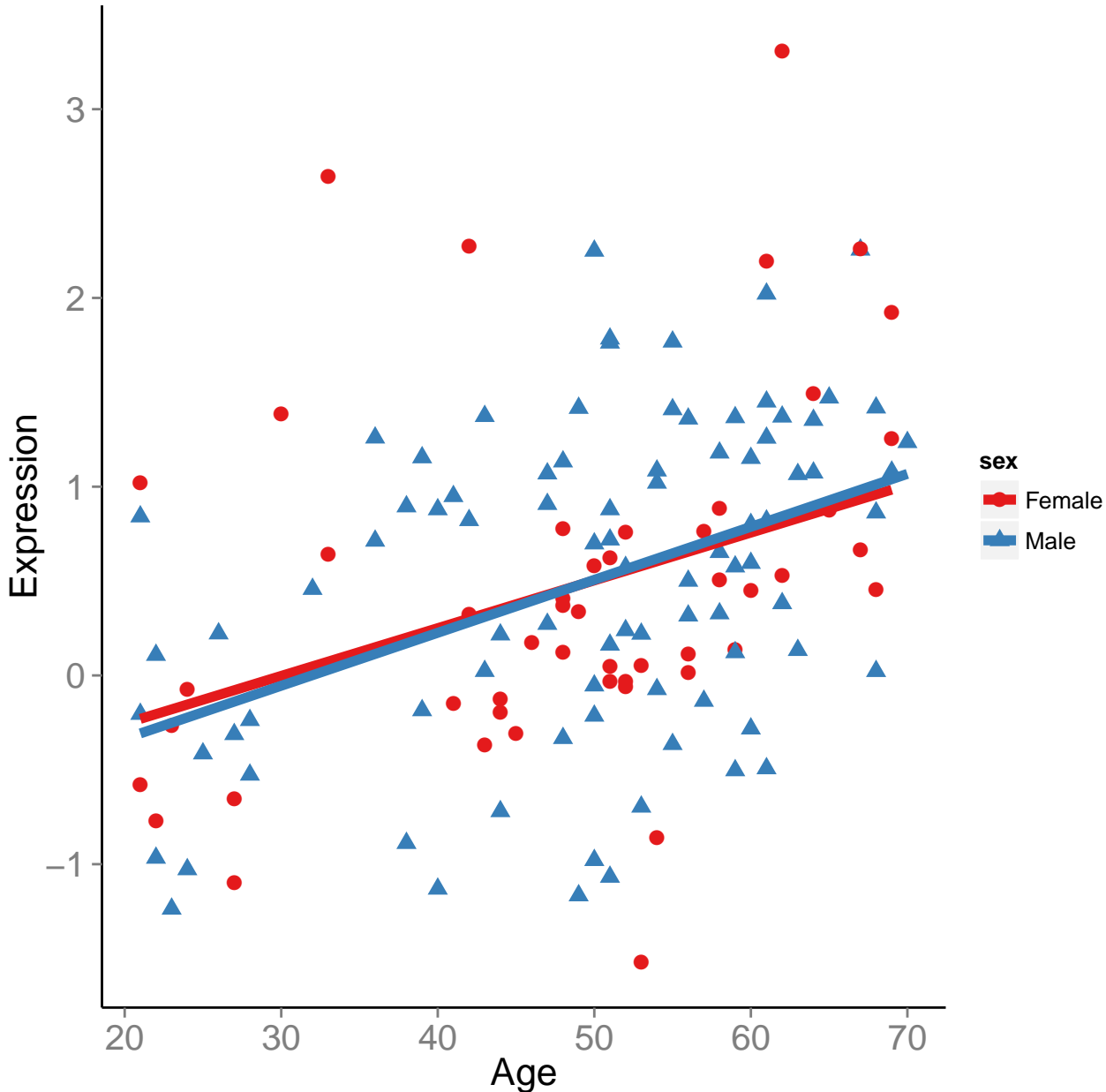
Muscle: SPG11 Pearson-R=0.40 Pval=1.00E-06



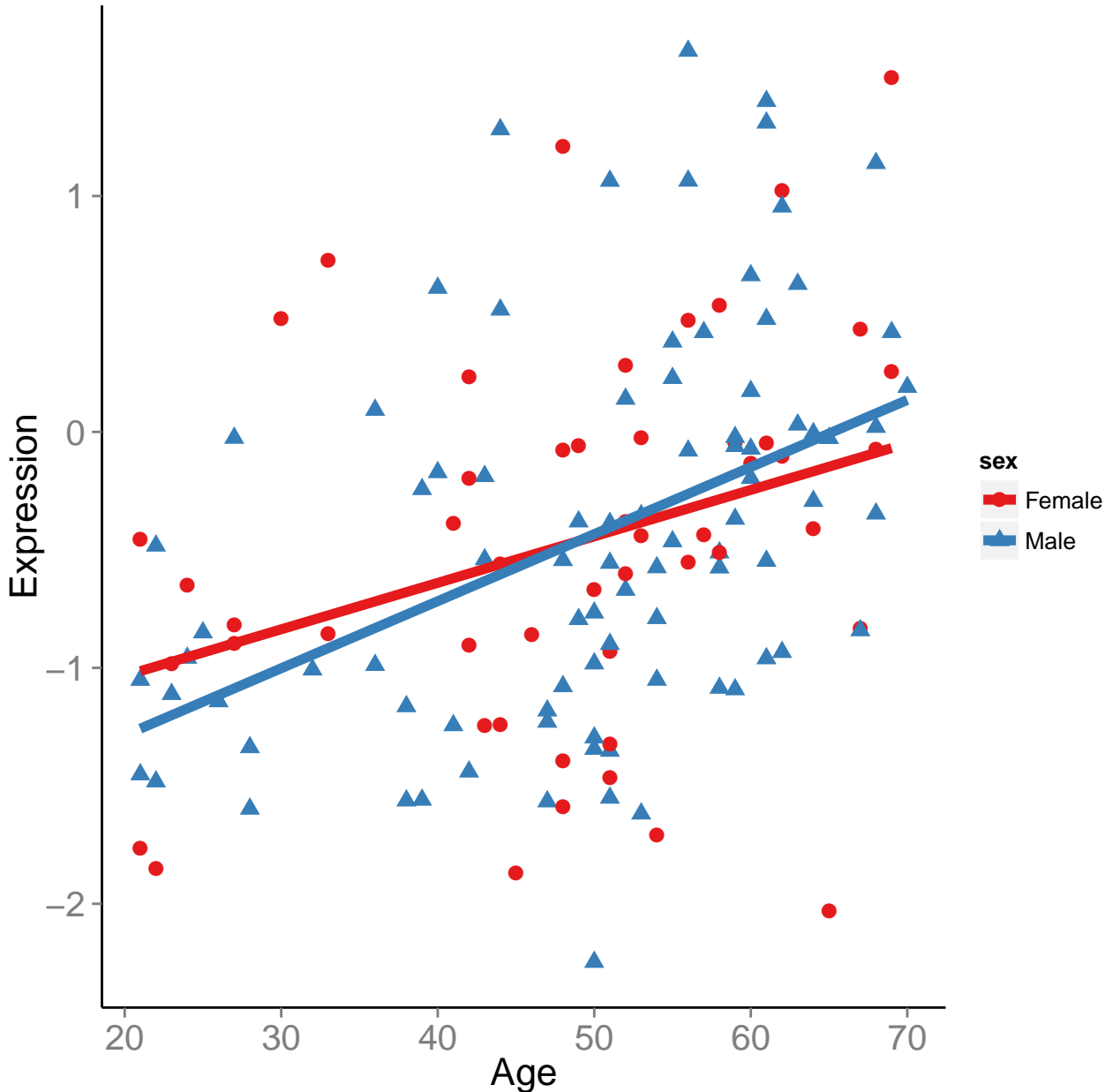
Muscle: NUP205 Pearson-R=0.40 Pval=1.11E-06



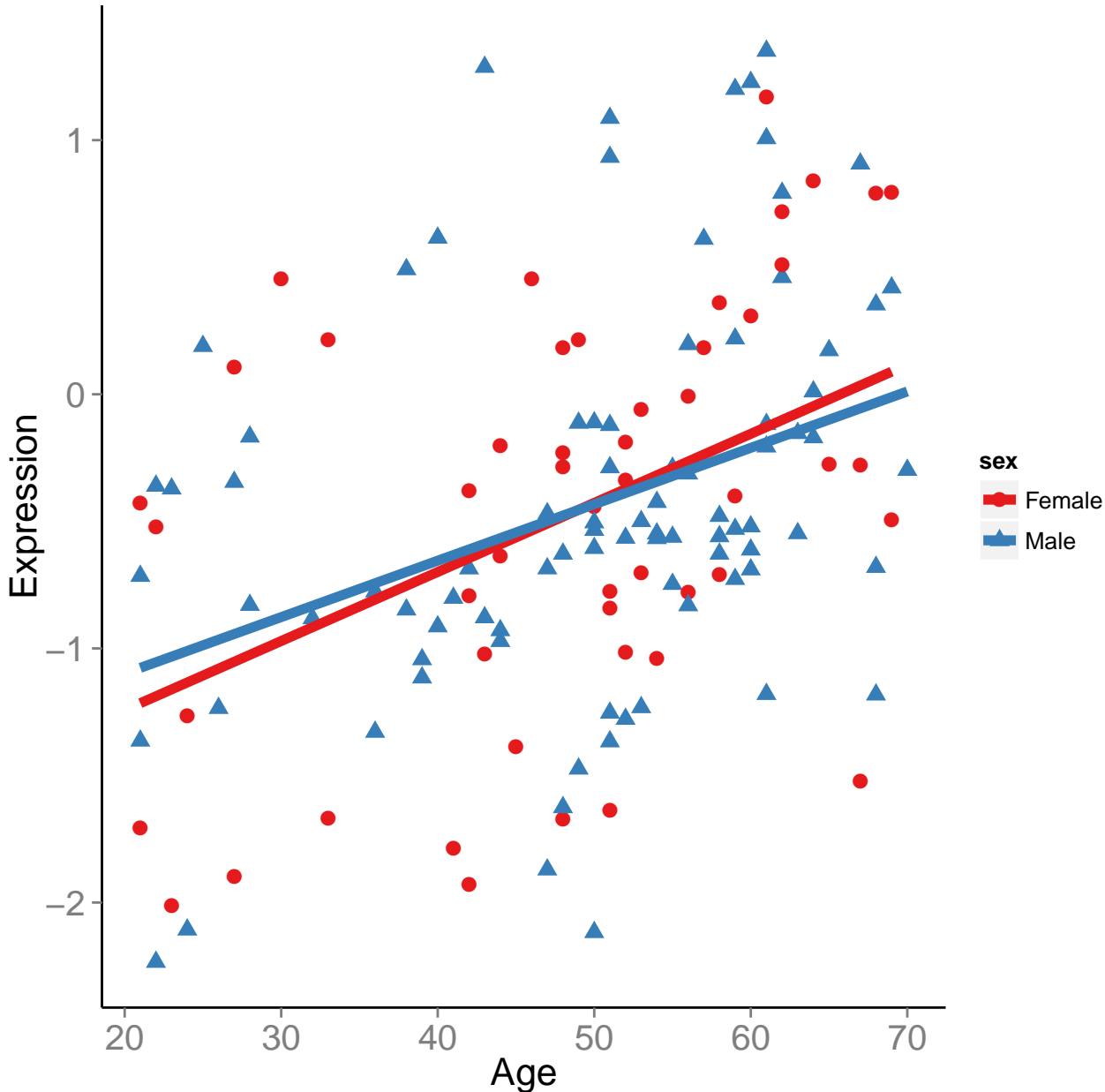
Muscle: GREB1L Pearson-R=0.40 Pval=1.20E-06



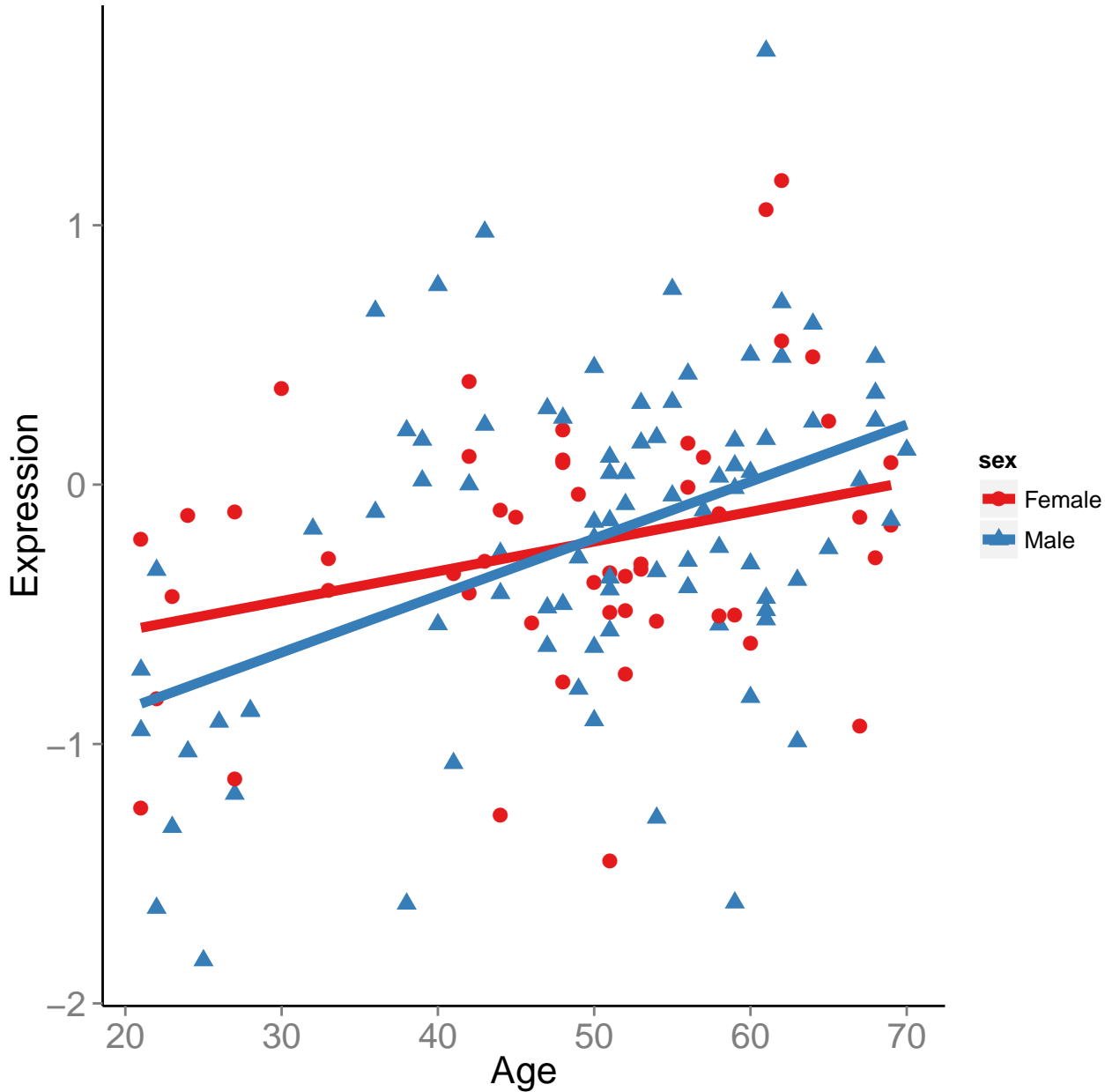
Muscle: C1orf123 Pearson-R=0.40 Pval=1.22E-06



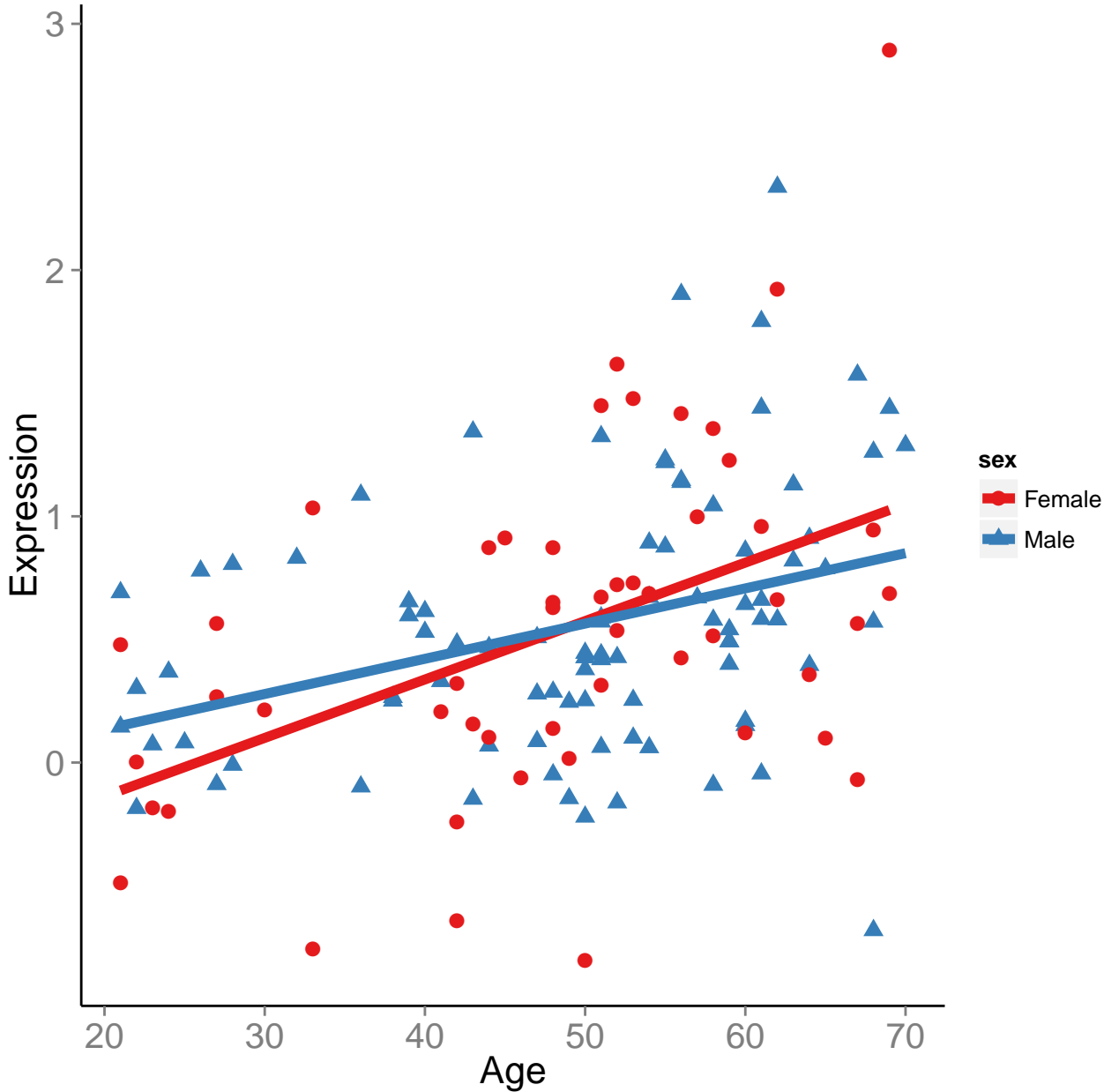
Muscle: FGGY Pearson-R=0.40 Pval=1.29E-06



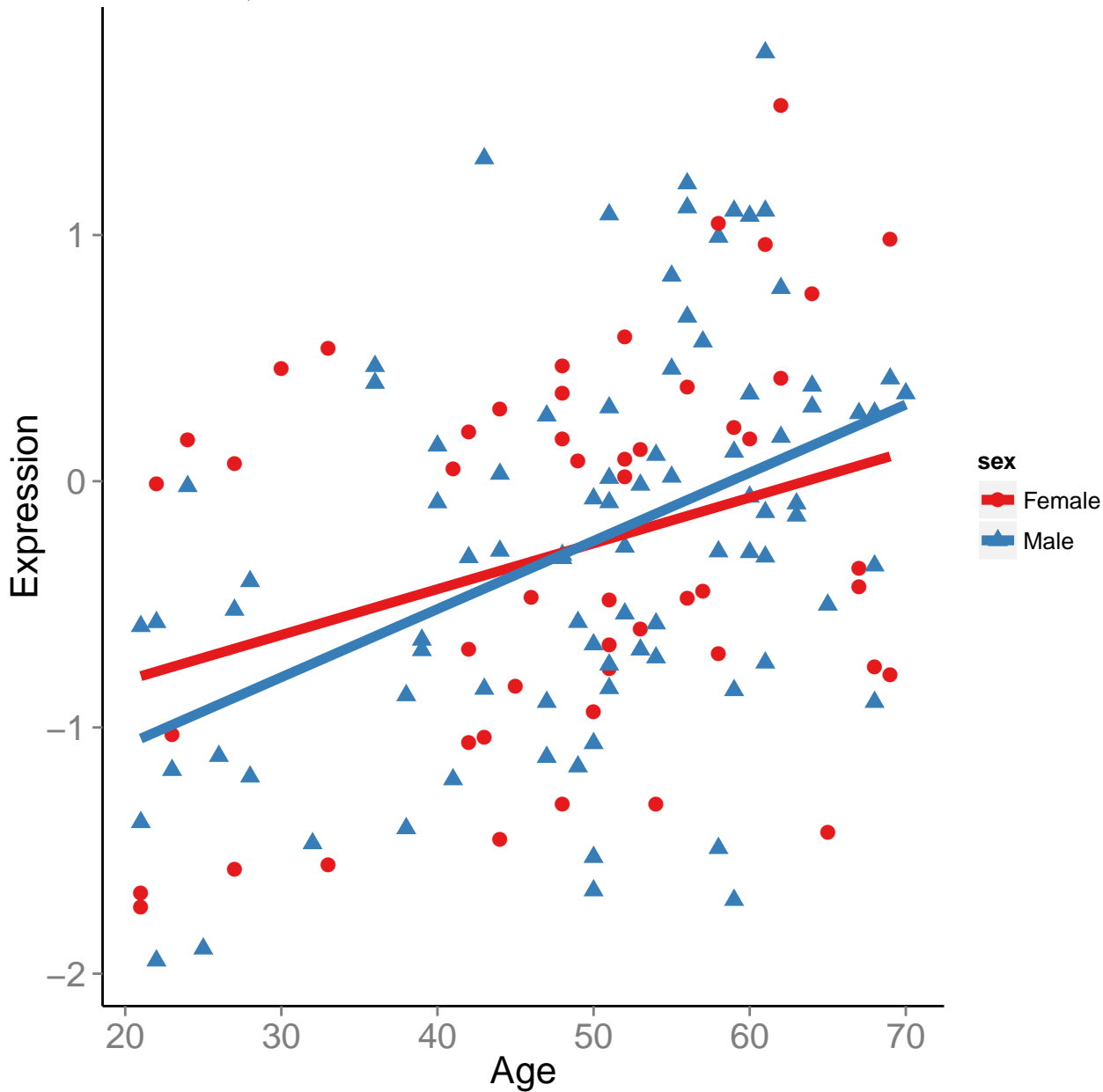
Muscle: VPS16 Pearson-R=0.40 Pval=1.33E-06



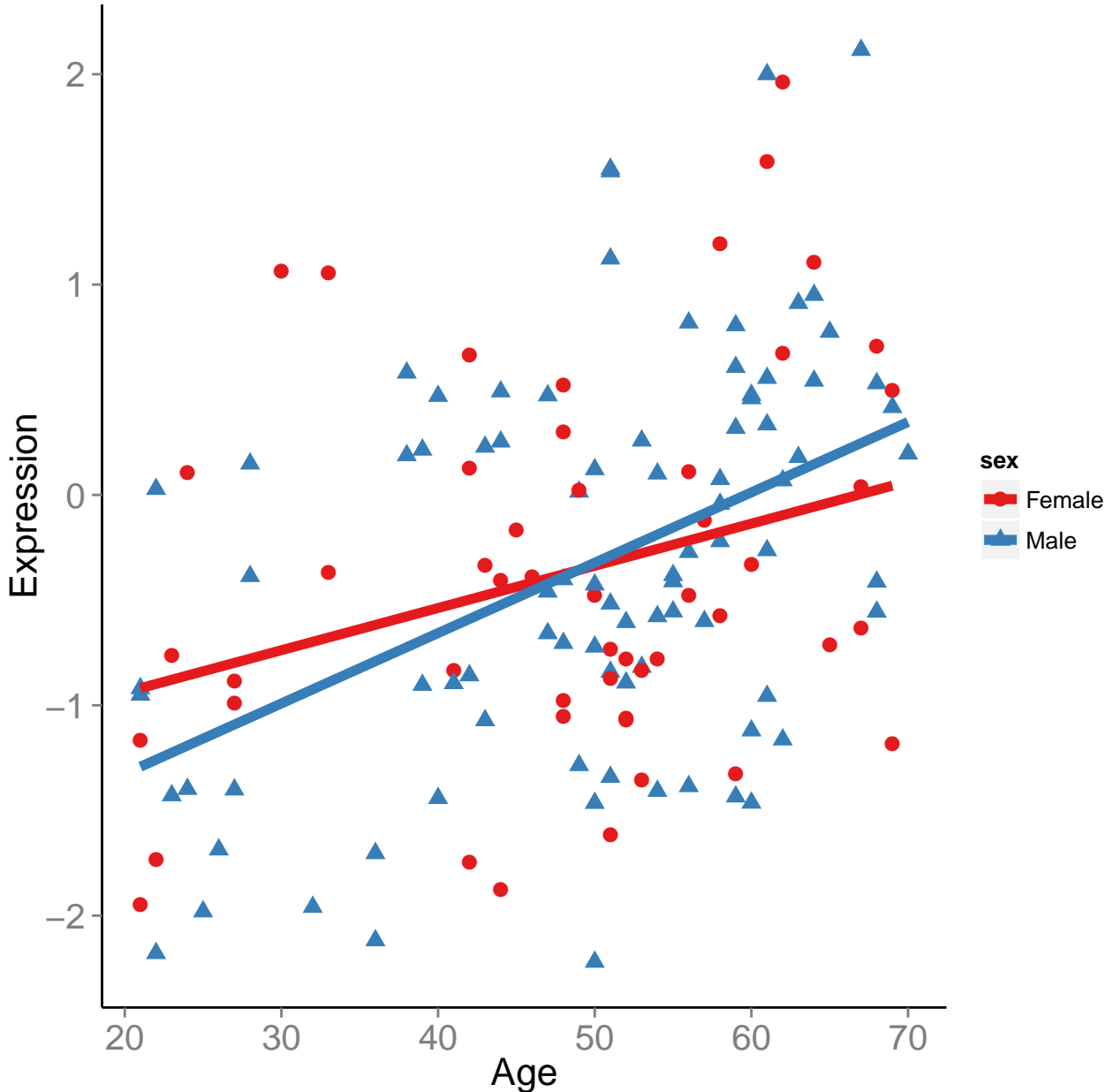
Muscle: CTC-338M12.5 Pearson-R=0.40 Pval=1.35E-06



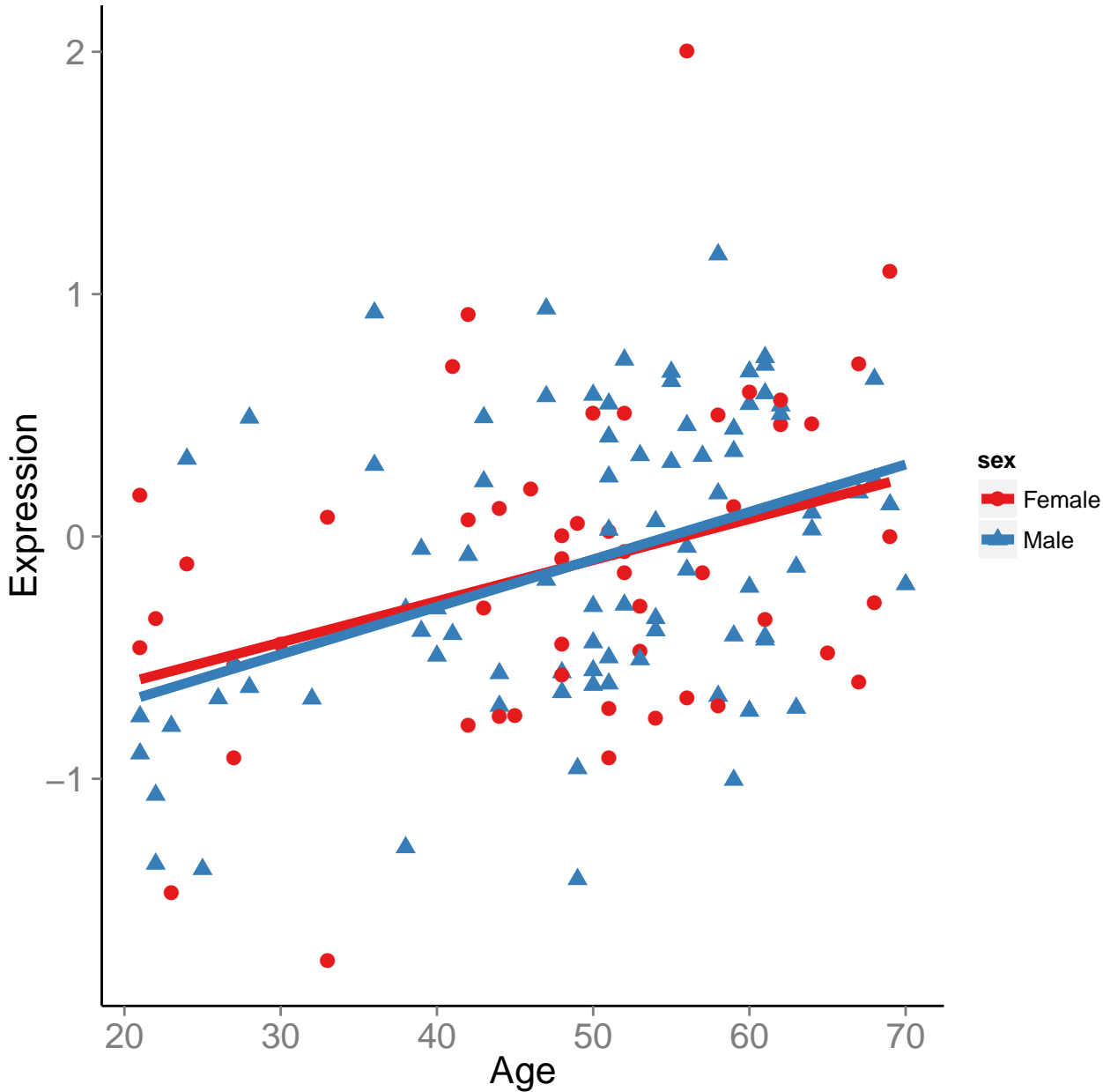
Muscle: QTRT1 Pearson-R=0.40 Pval=1.51E-06



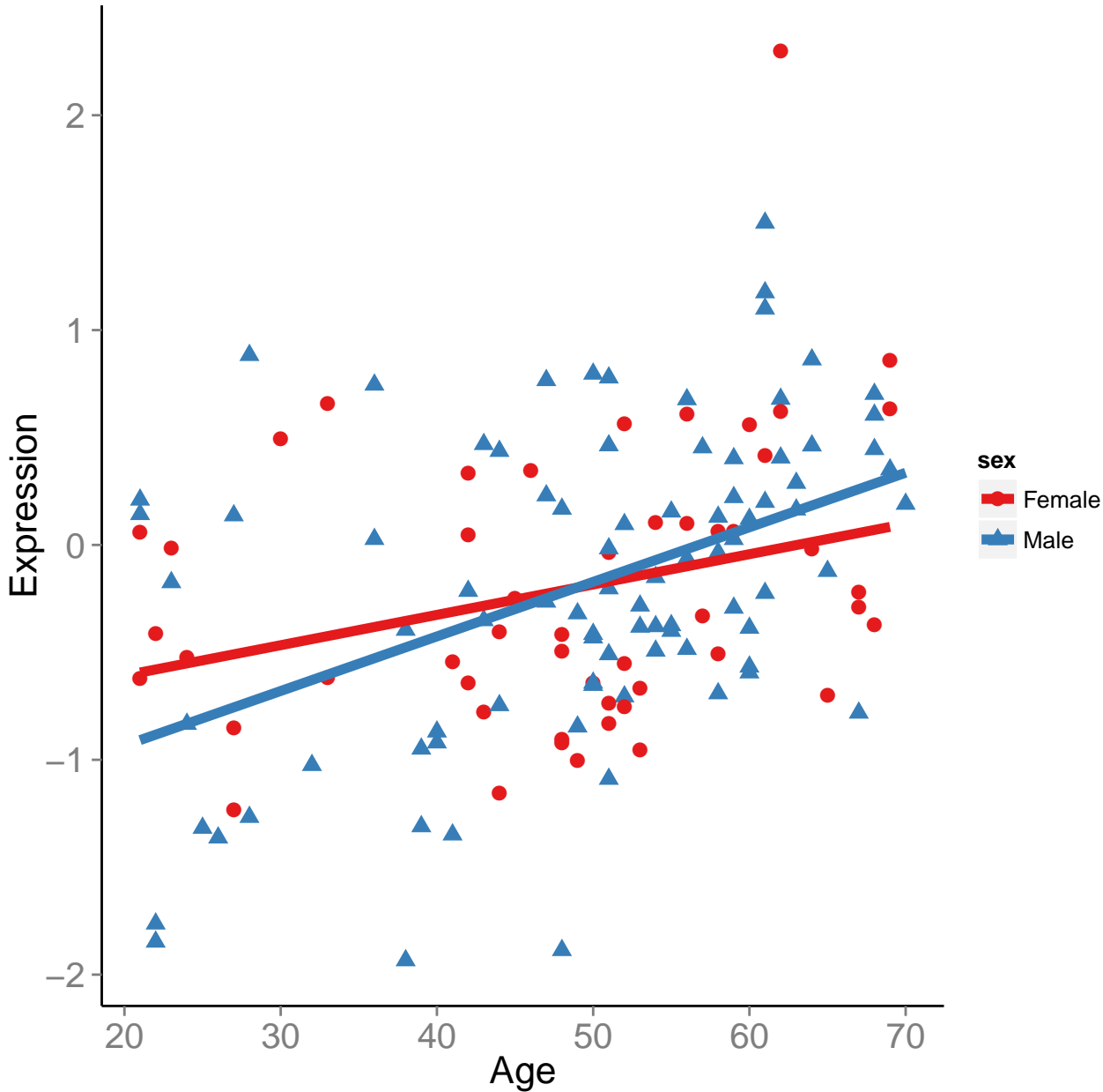
Muscle: COL19A1 Pearson-R=0.40 Pval=1.50E-06



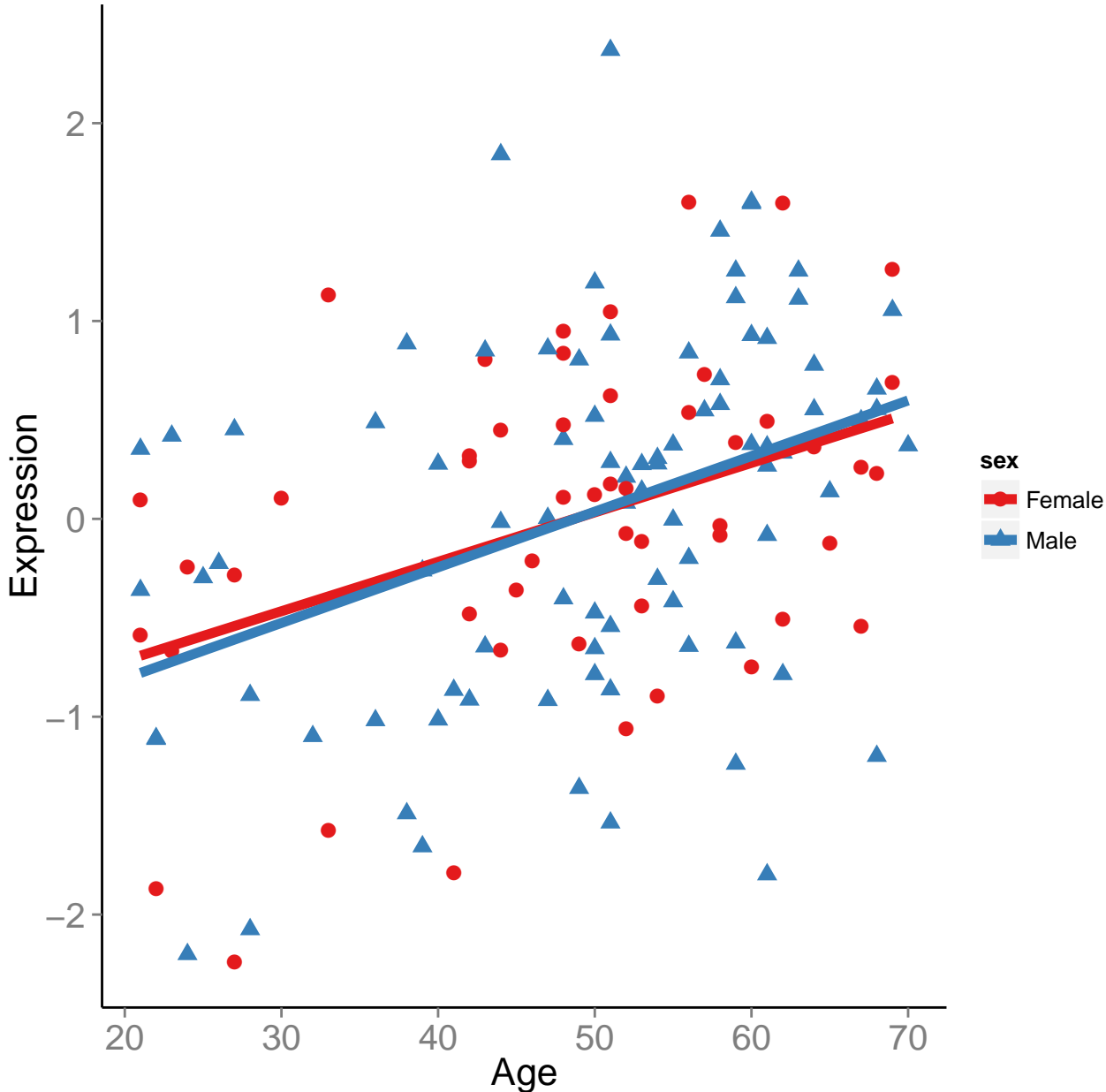
Muscle: BZRAP1 Pearson-R=0.40 Pval=1.58E-06



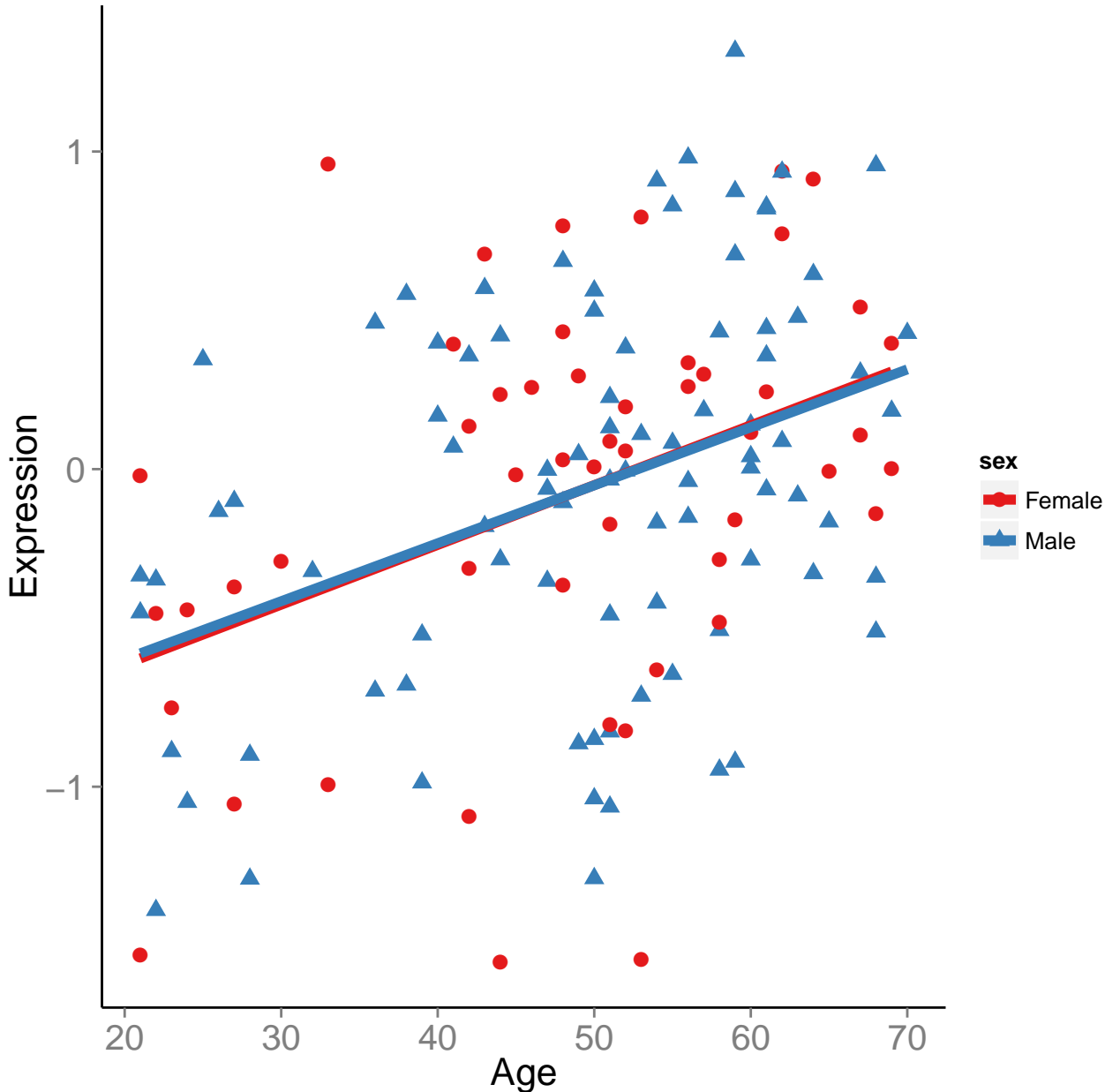
Muscle: ANKFY1 Pearson-R=0.40 Pval=1.59E-06



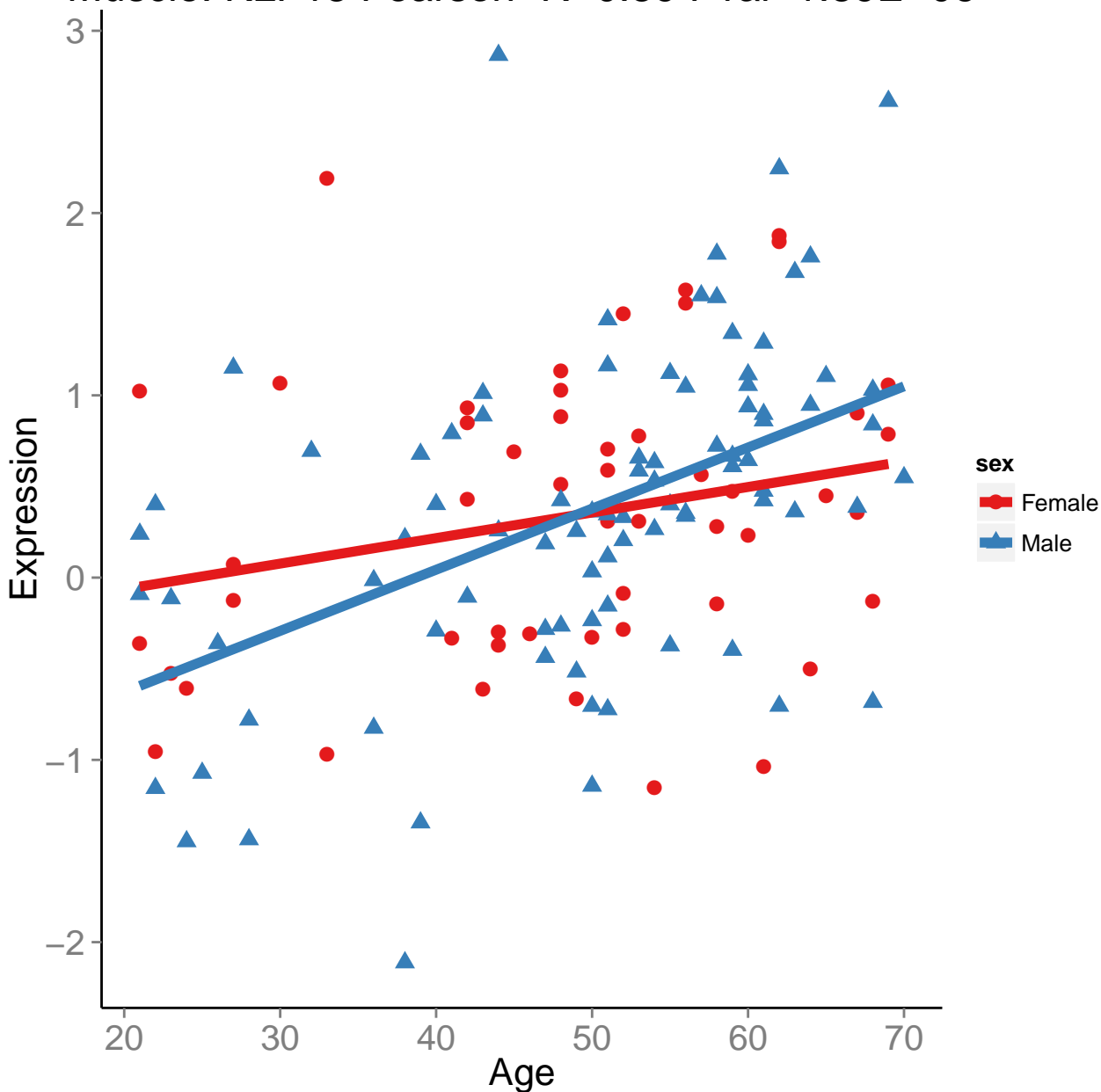
Muscle: RP11-296L22.4 Pearson-R=0.40 Pval=1.59E-06



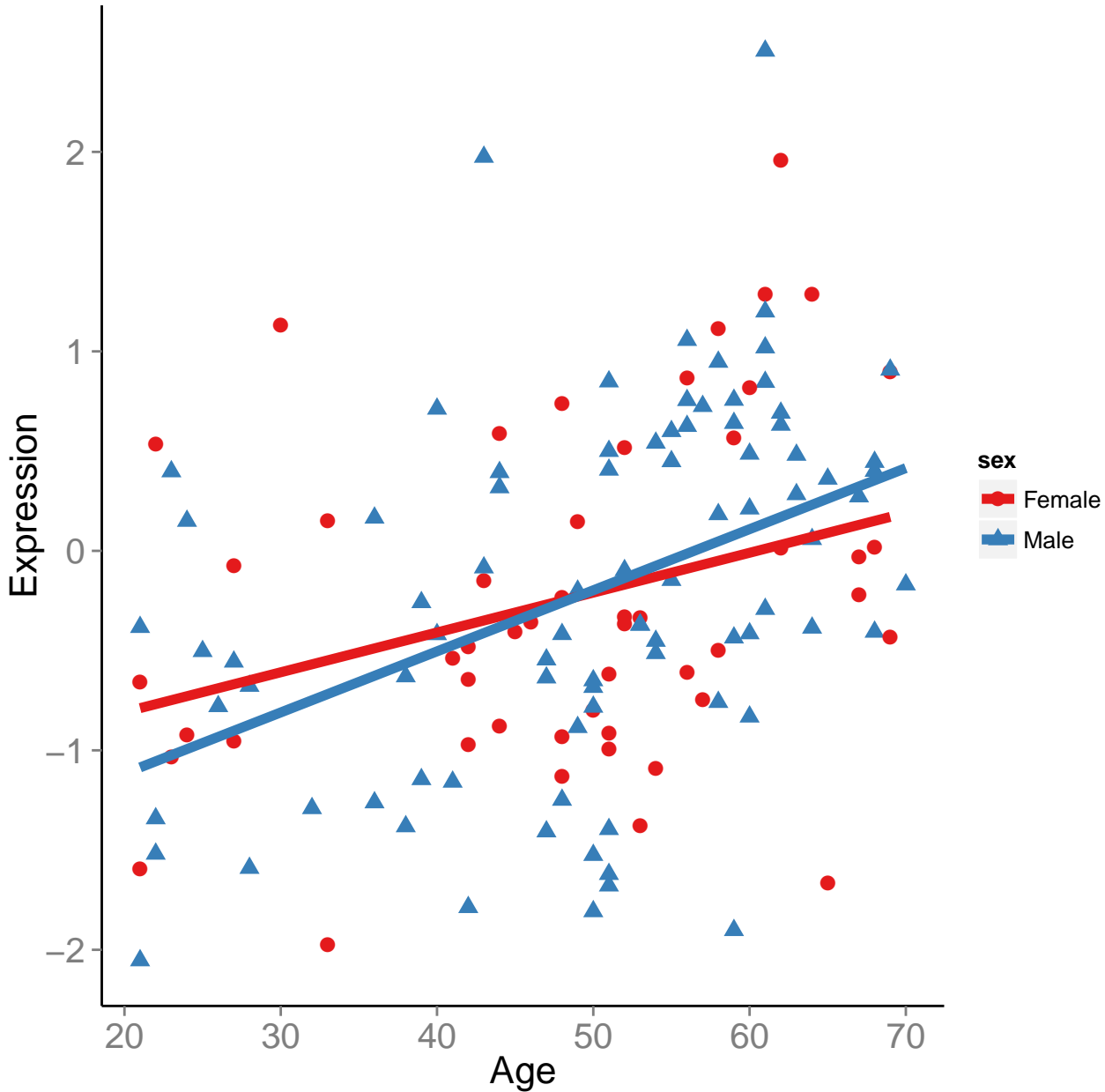
Muscle: PRPF40B Pearson-R=0.39 Pval=1.79E-06



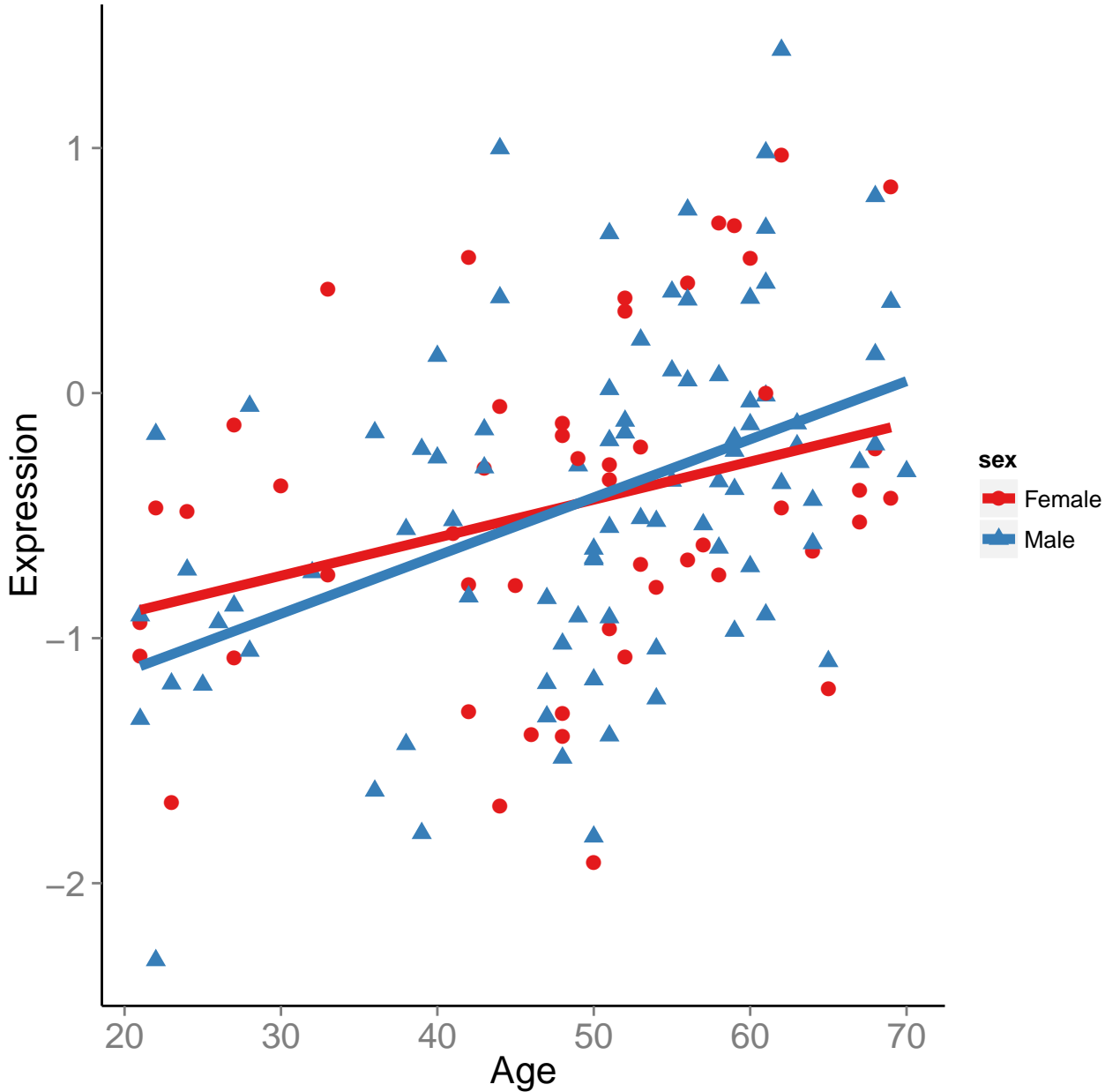
Muscle: KLF13 Pearson-R=0.39 Pval=1.89E-06



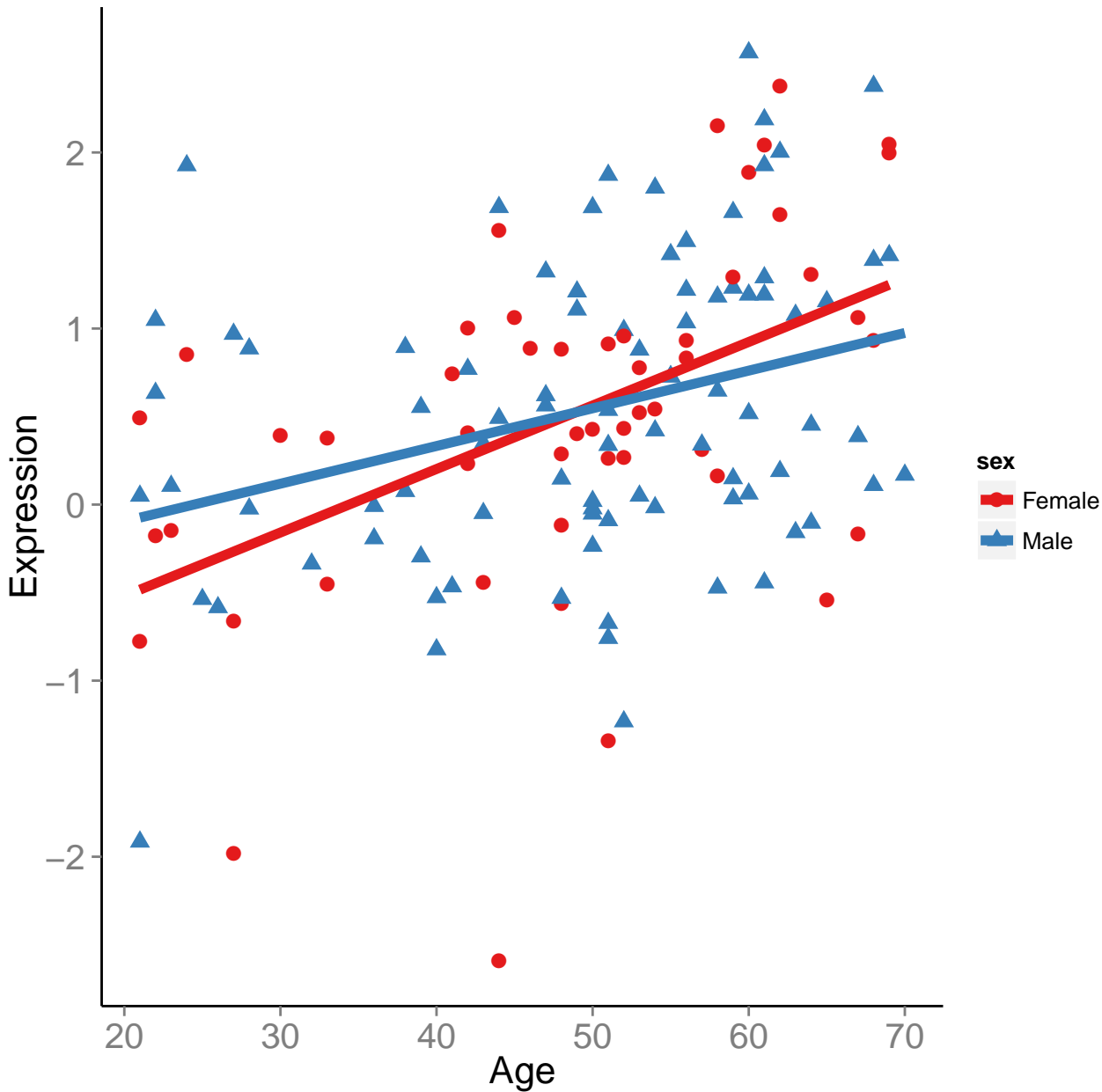
Muscle: METTL19 Pearson-R=0.39 Pval=1.92E-06



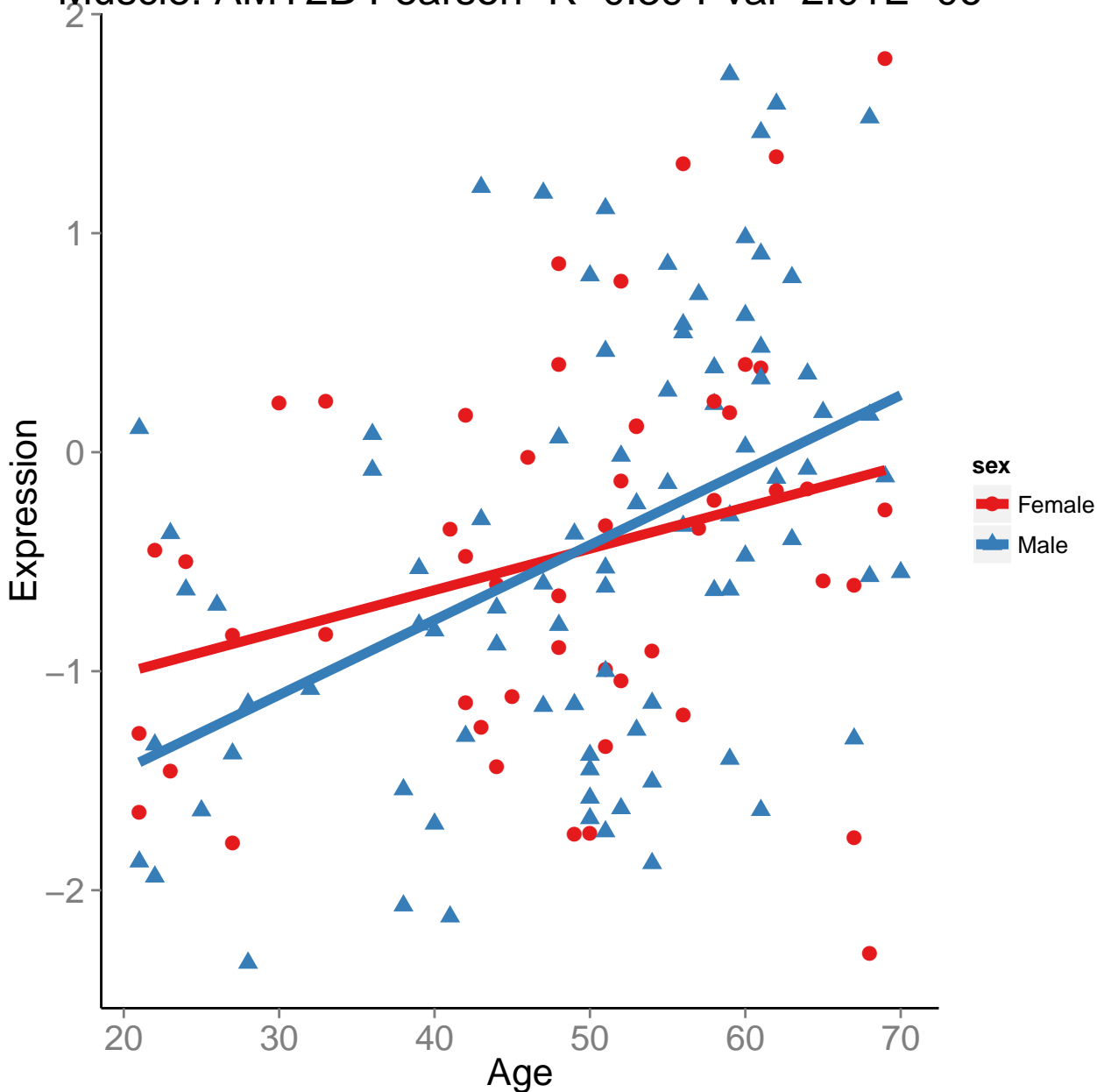
Muscle: POLDIP3 Pearson-R=0.39 Pval=1.96E-06



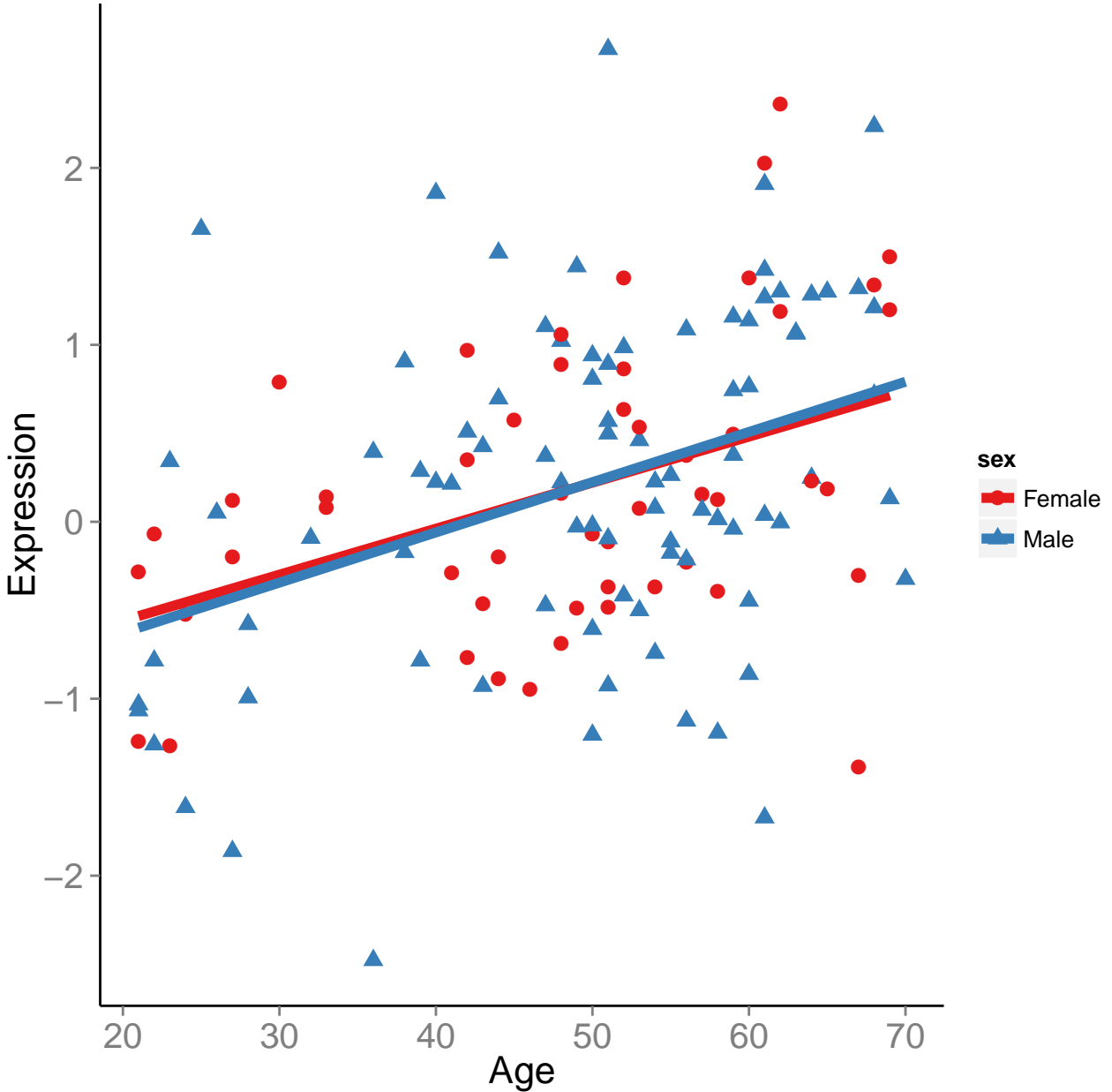
Muscle: THOC3 Pearson-R=0.39 Pval=2.01E-06



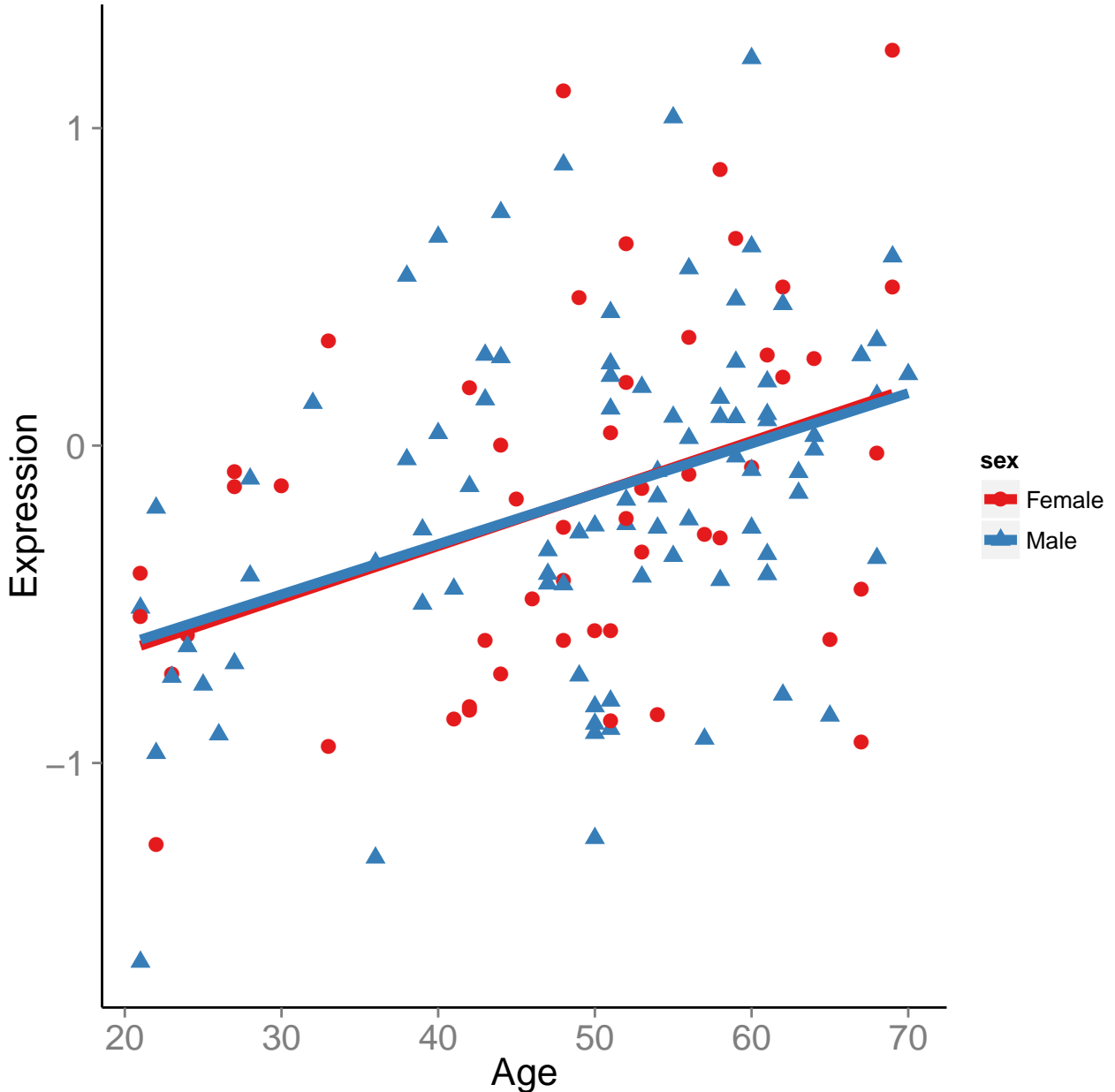
Muscle: AMY2B Pearson-R=0.39 Pval=2.01E-06



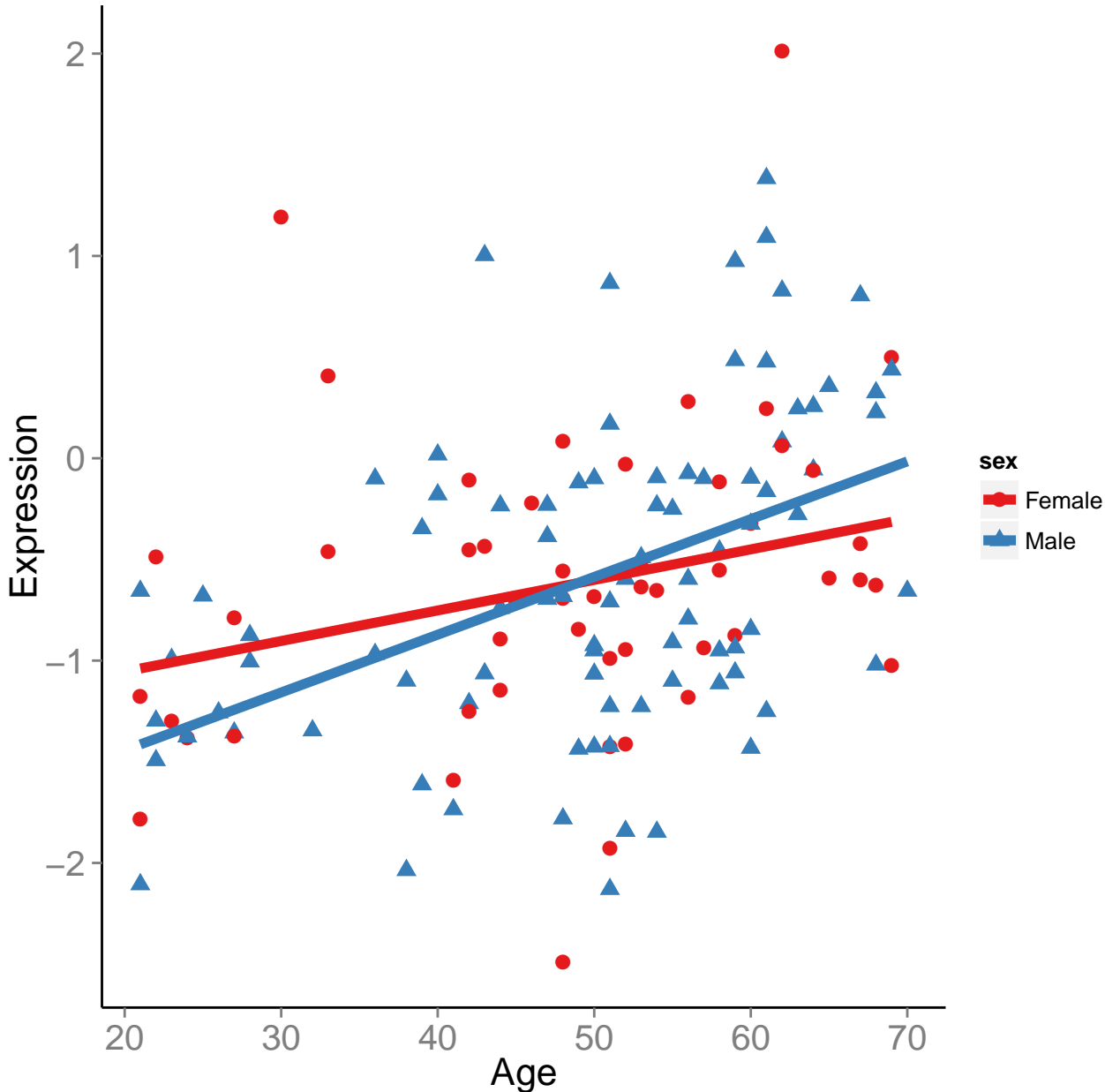
Muscle: MYH8 Pearson-R=0.39 Pval=2.05E-06



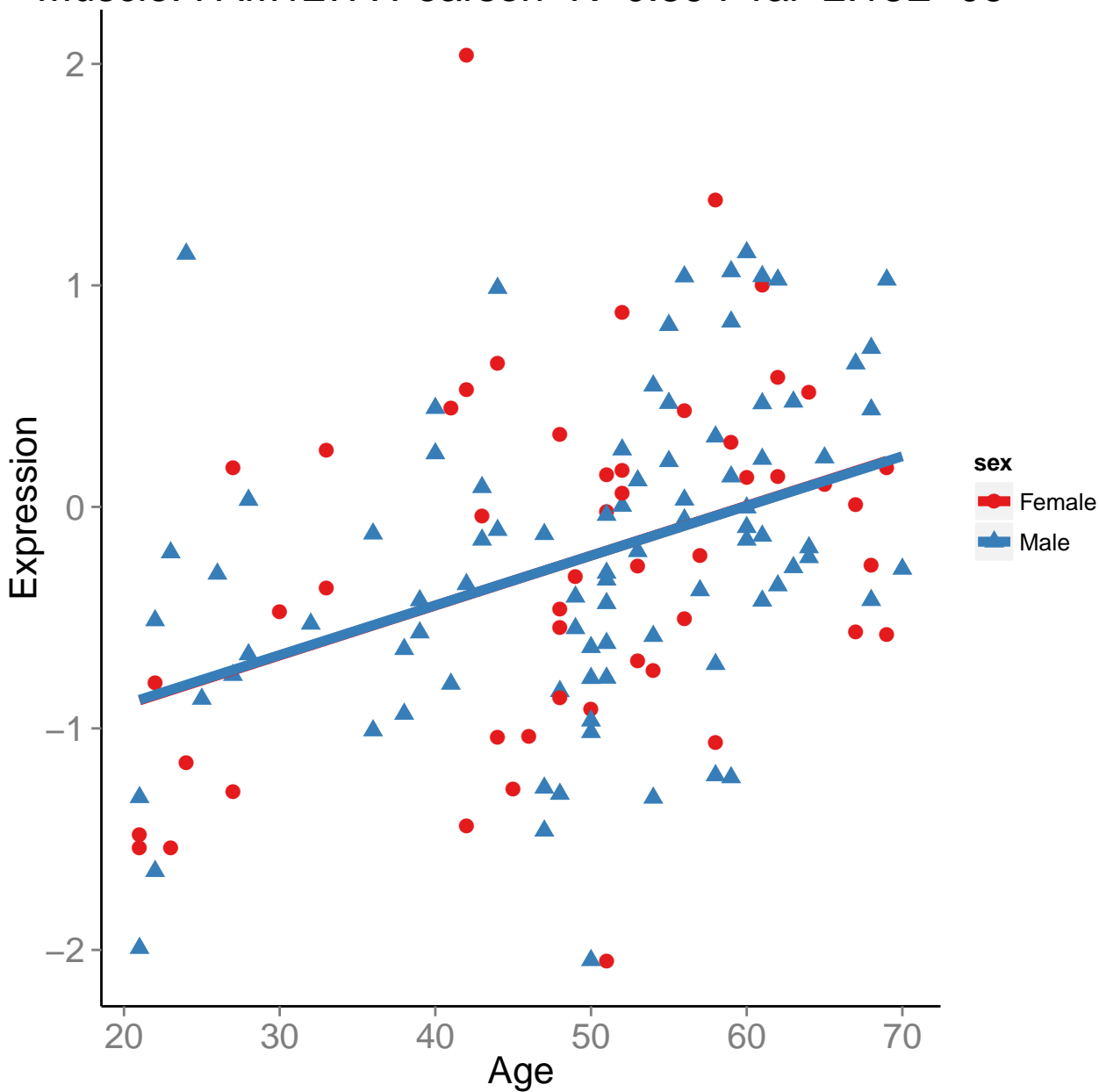
Muscle: NUP98 Pearson-R=0.39 Pval=2.09E-06



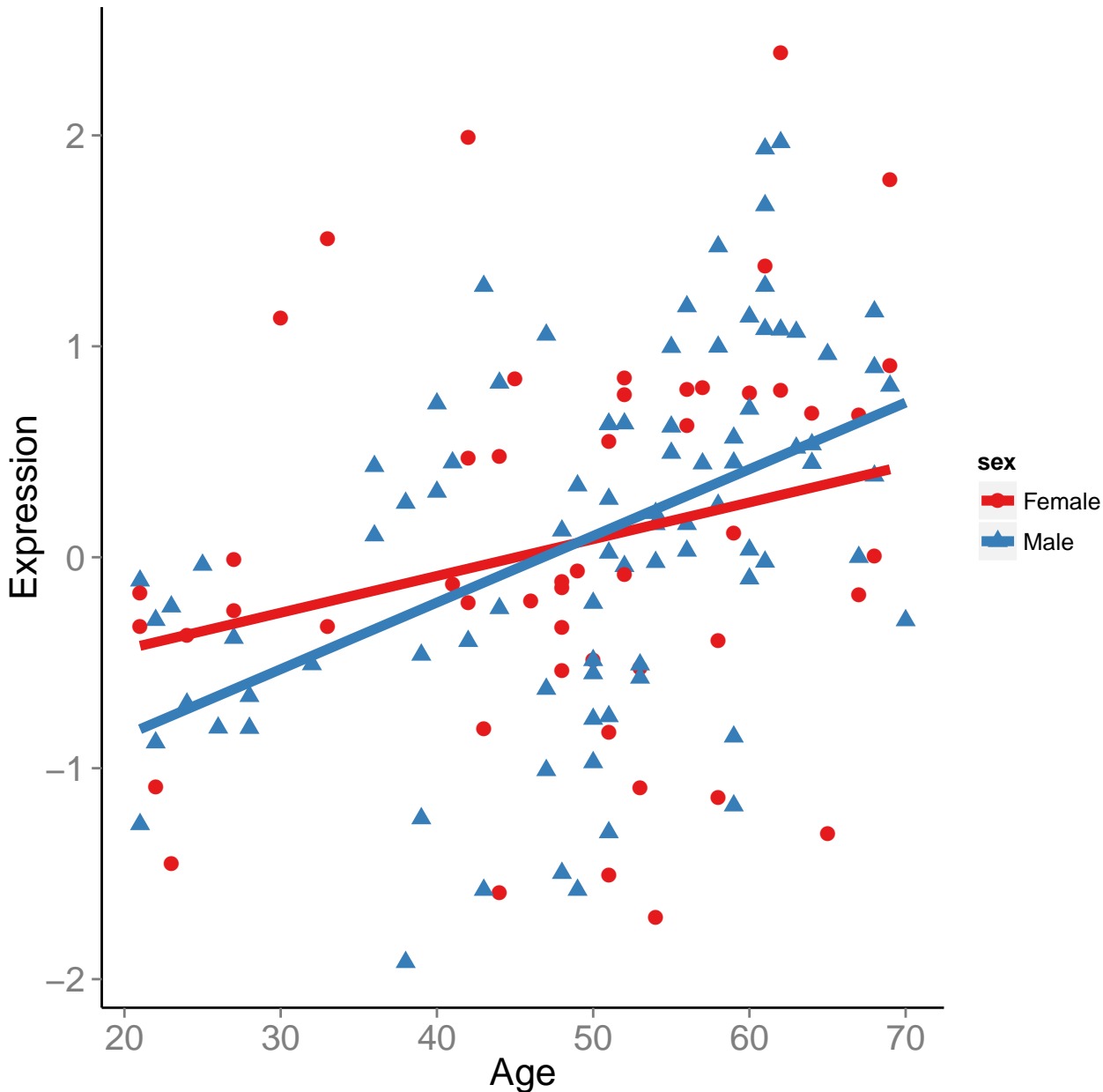
Muscle: EFCAB7 Pearson-R=0.39 Pval=2.14E-06



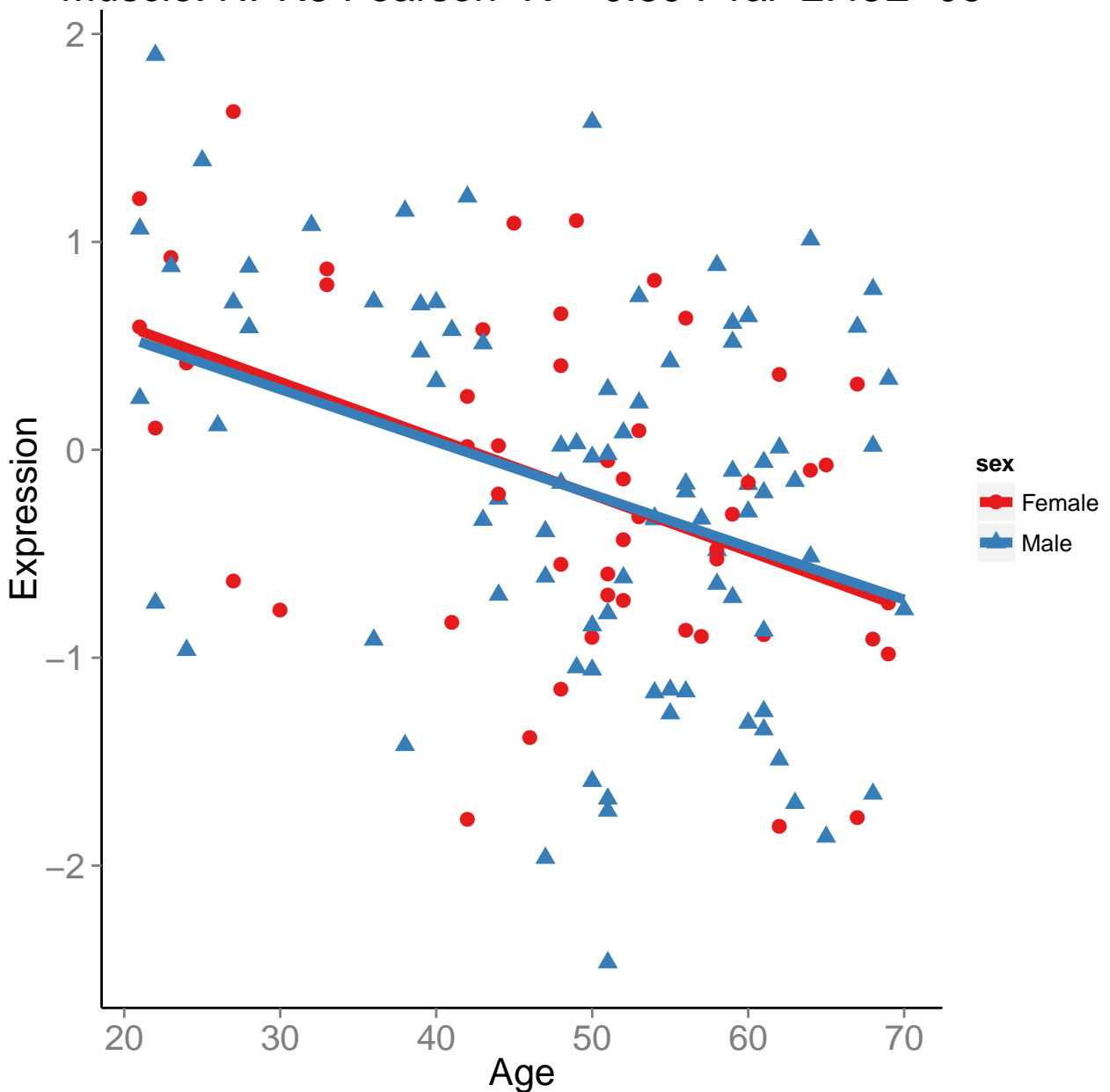
Muscle: FAM127A Pearson-R=0.39 Pval=2.18E-06



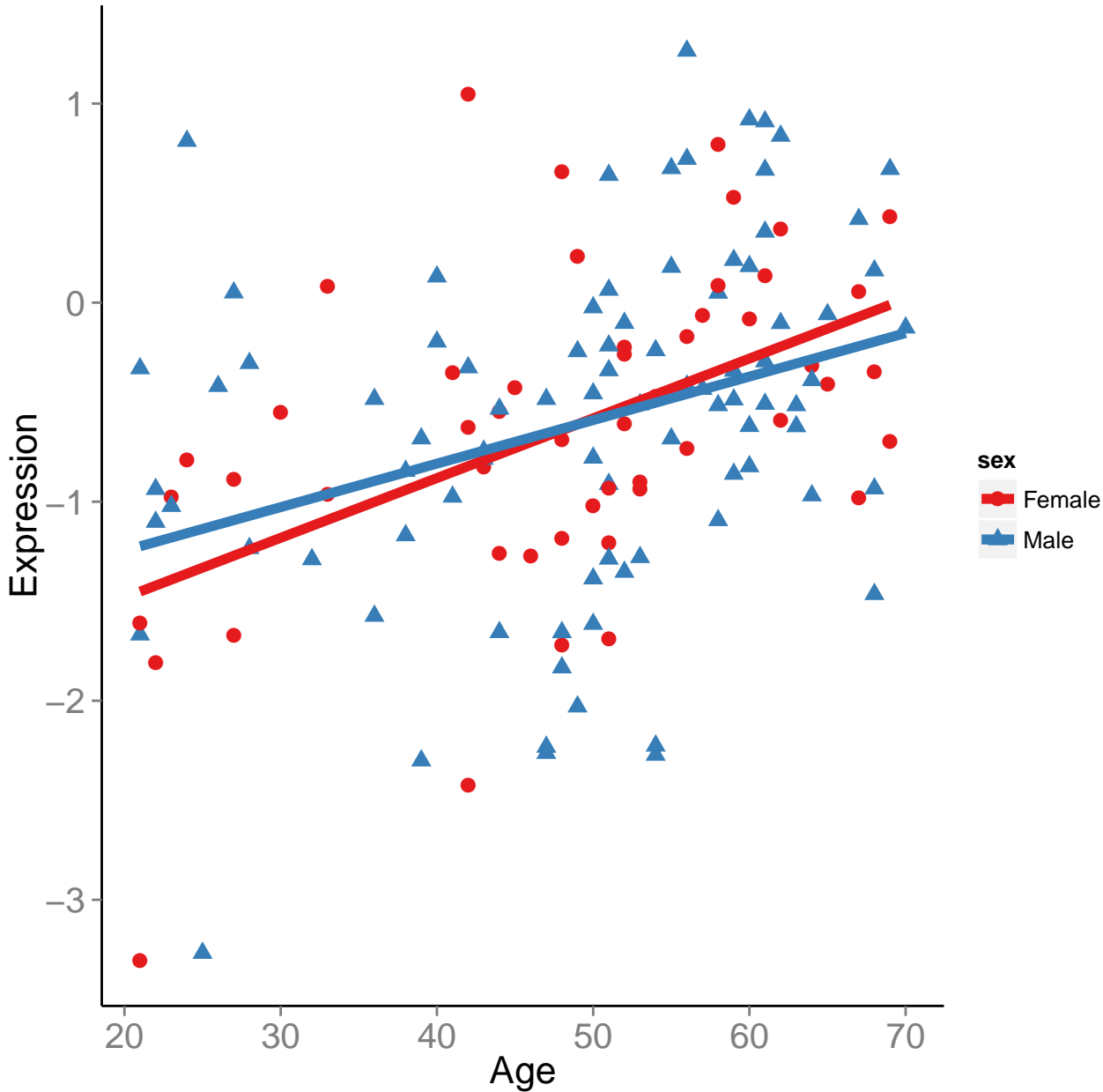
Muscle: C12orf51 Pearson-R=0.39 Pval=2.31E-06



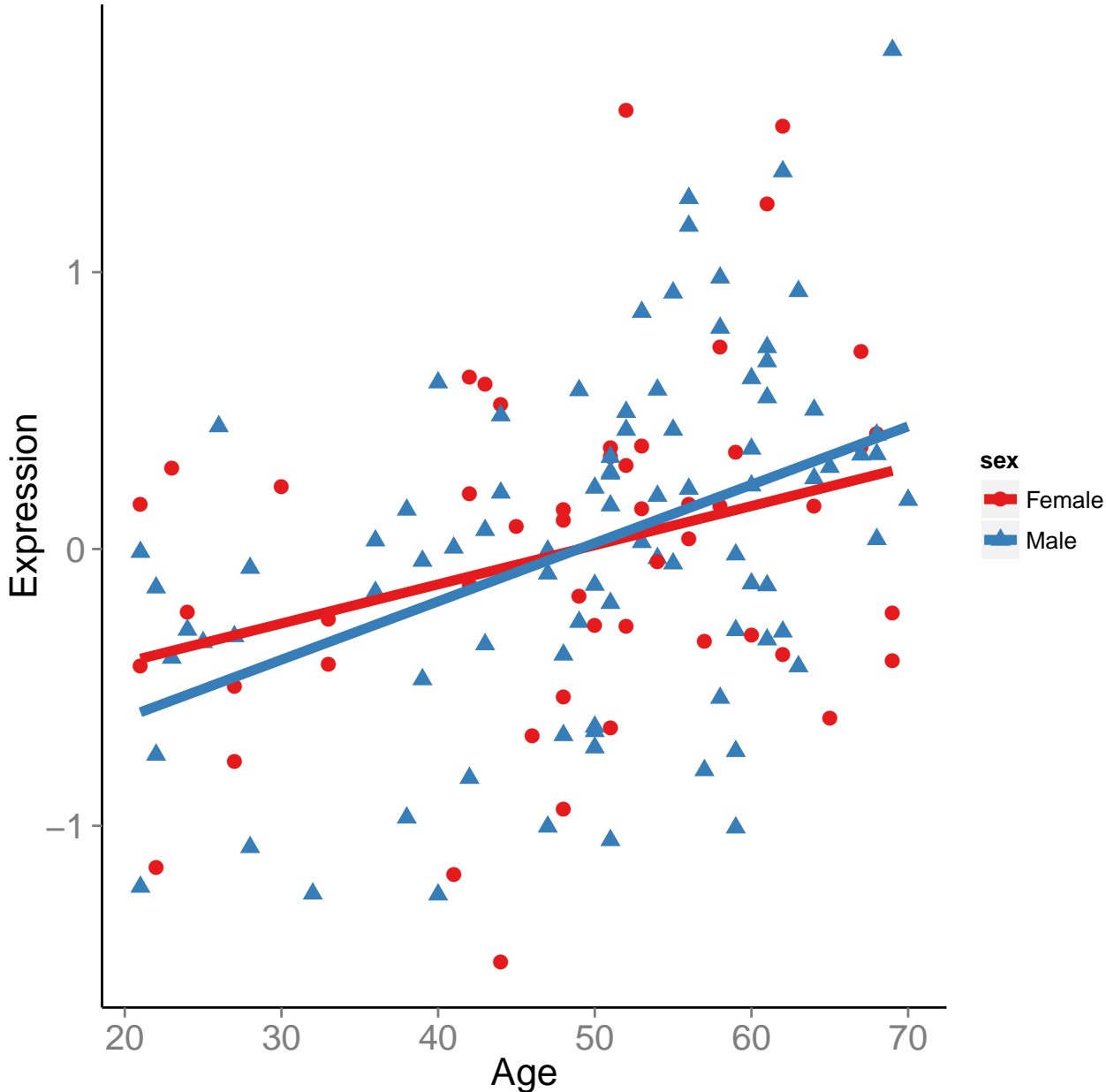
Muscle: NPR3 Pearson-R=-0.39 Pval=2.43E-06



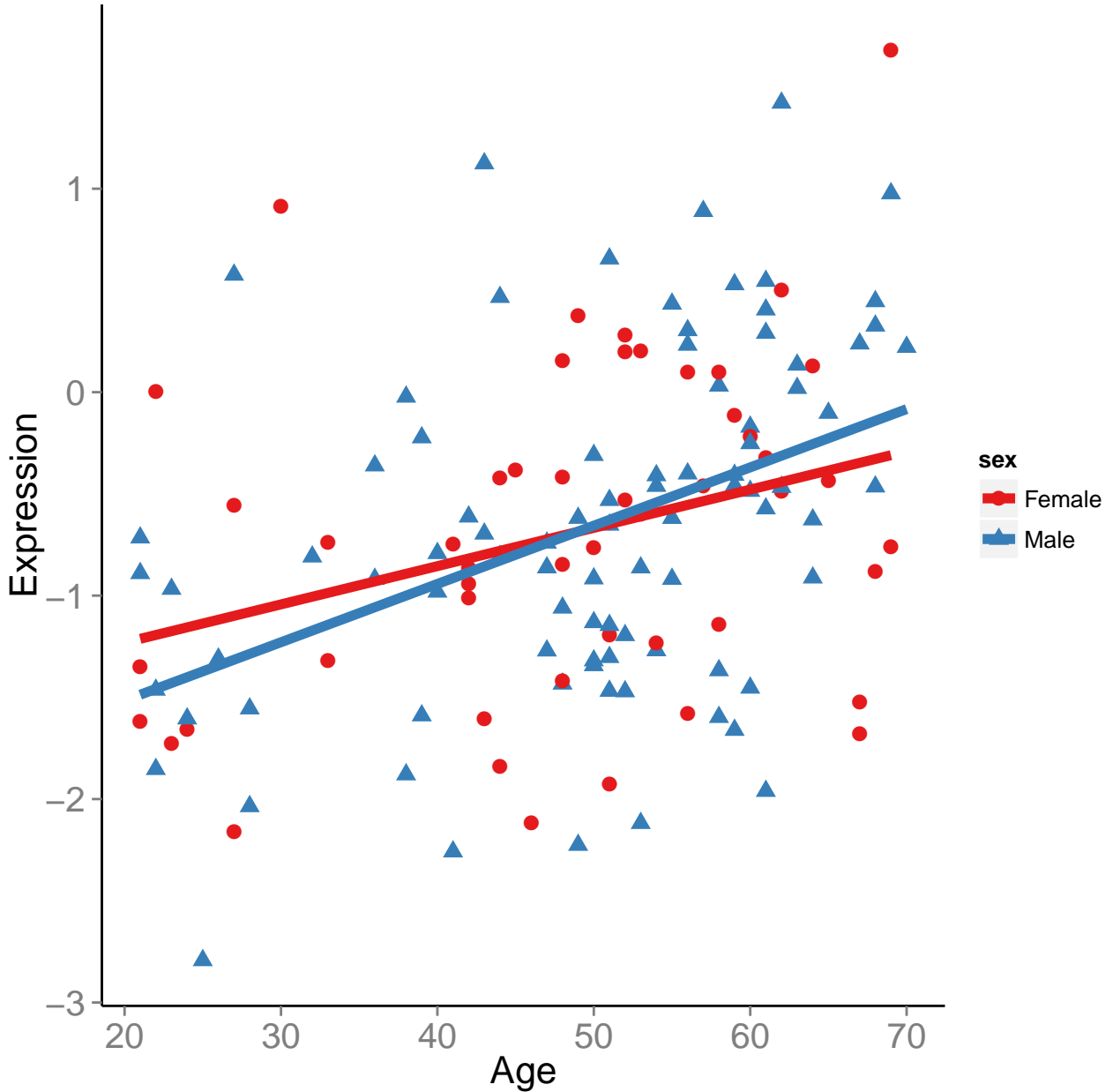
Muscle: FAM219B Pearson-R=0.39 Pval=2.42E-06



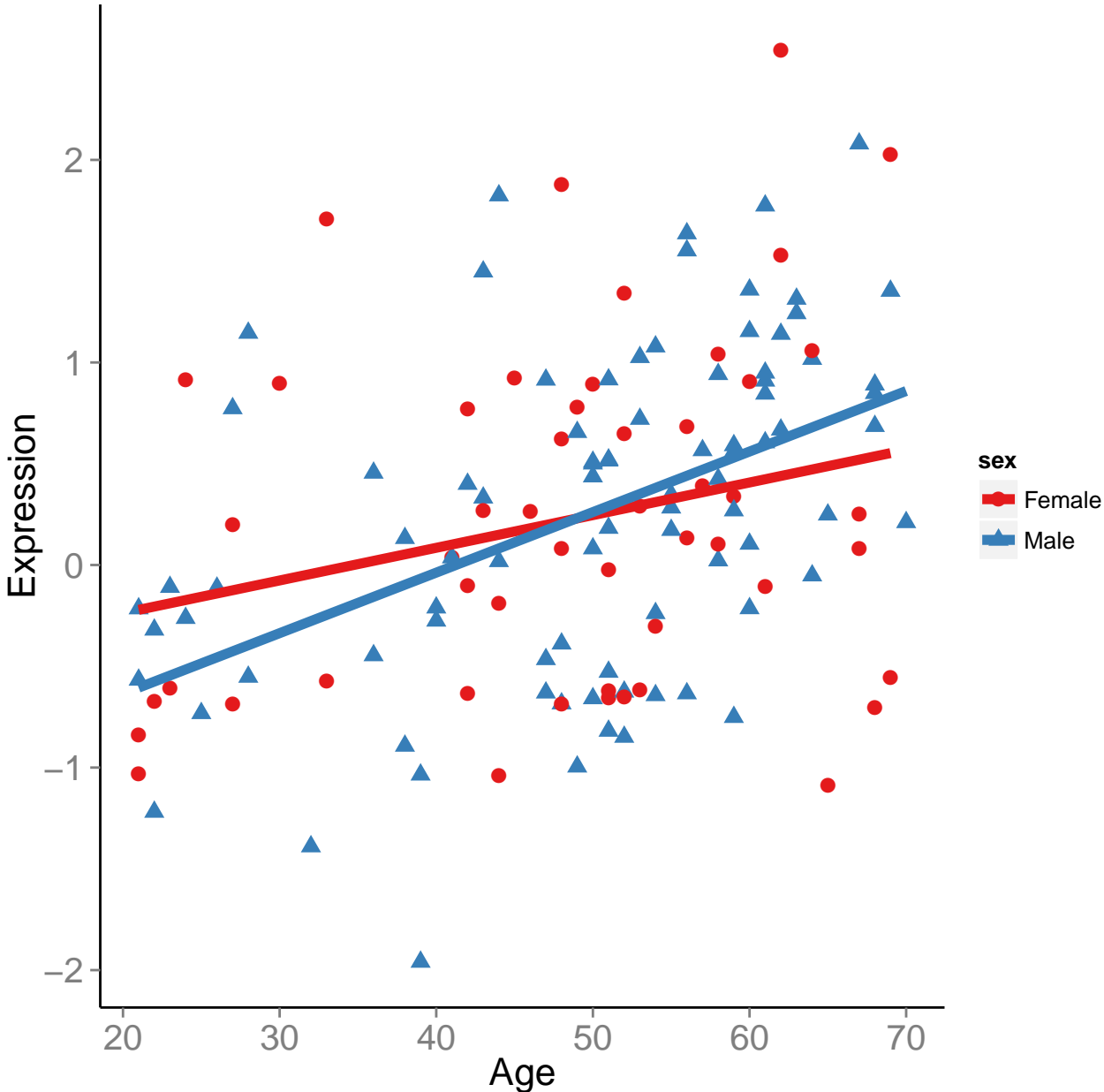
Muscle: ZNF644 Pearson-R=0.39 Pval=2.53E-06



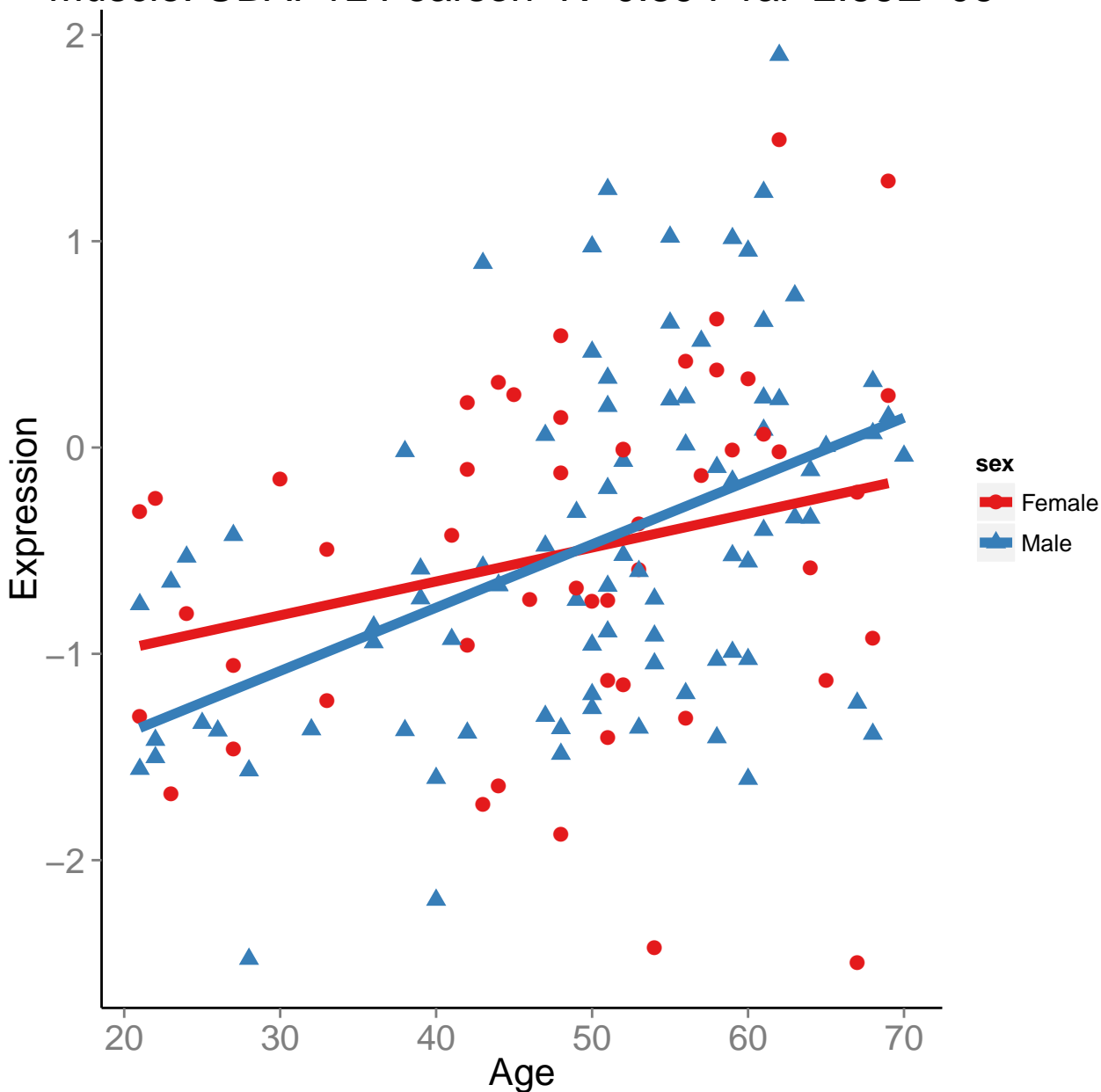
Muscle: FMNL2 Pearson-R=0.39 Pval=2.57E-06



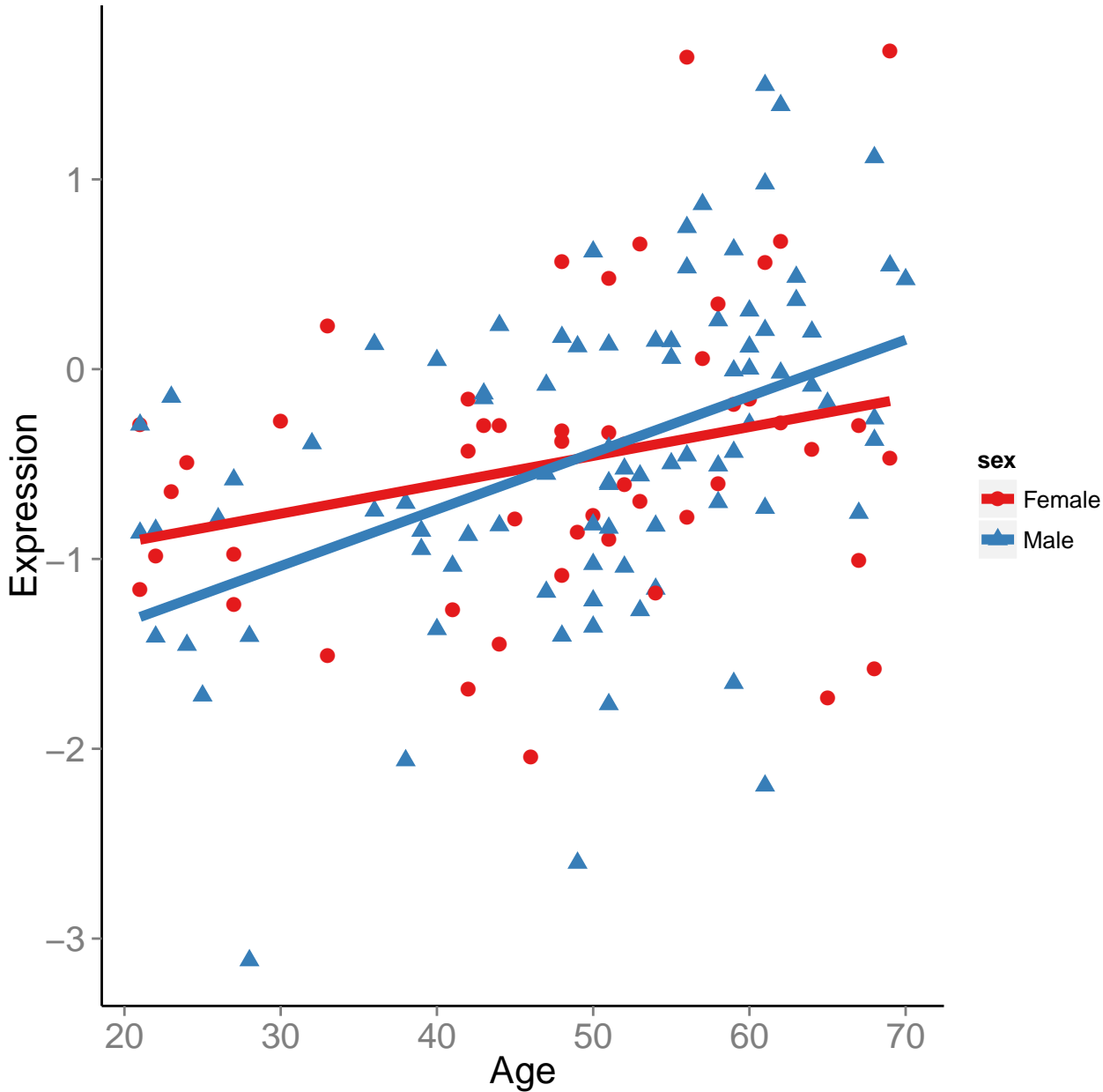
Muscle: RP11-1212A22.1 Pearson-R=0.39 Pval=2.61E-06



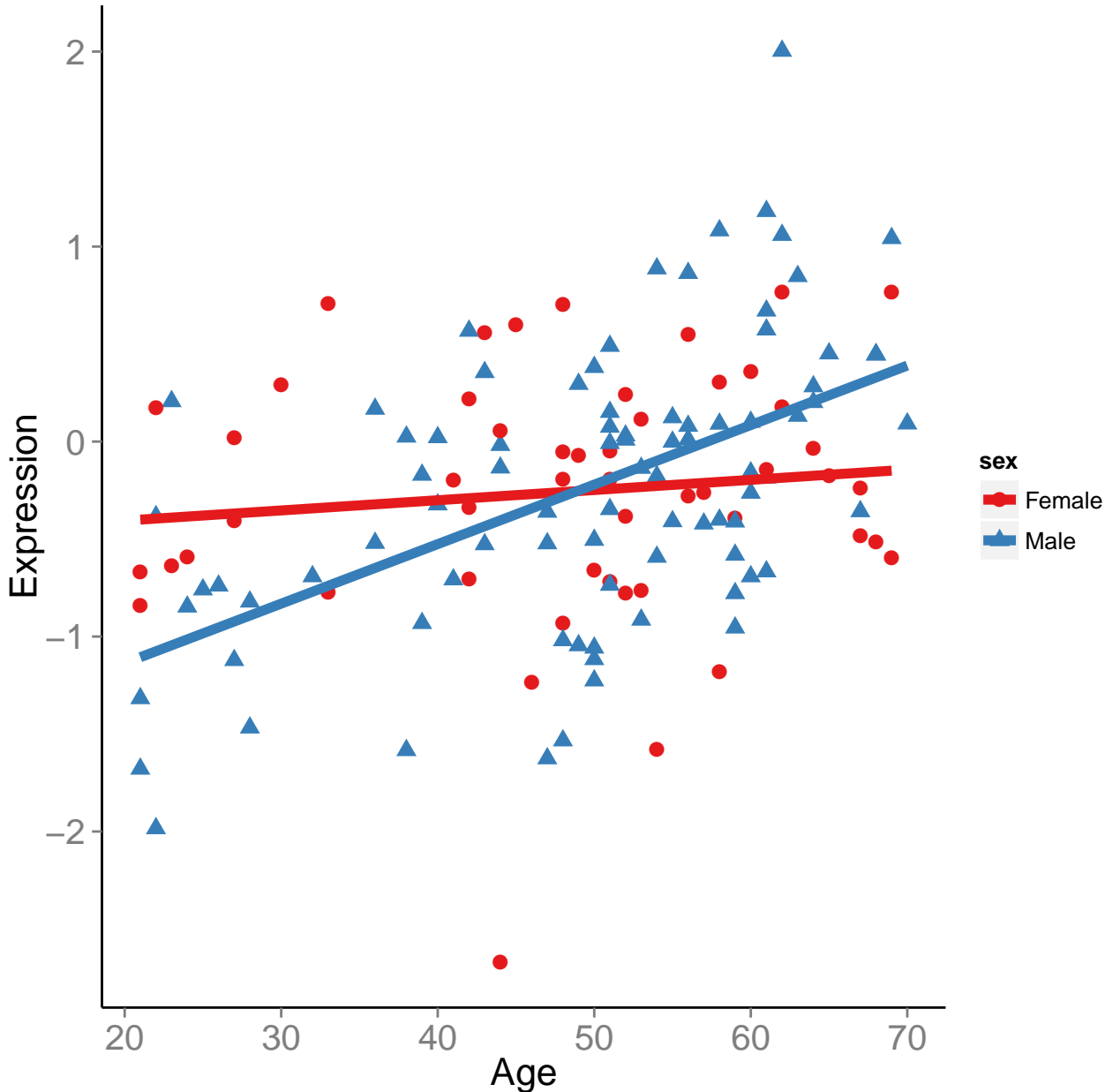
Muscle: UBAP1L Pearson-R=0.39 Pval=2.66E-06



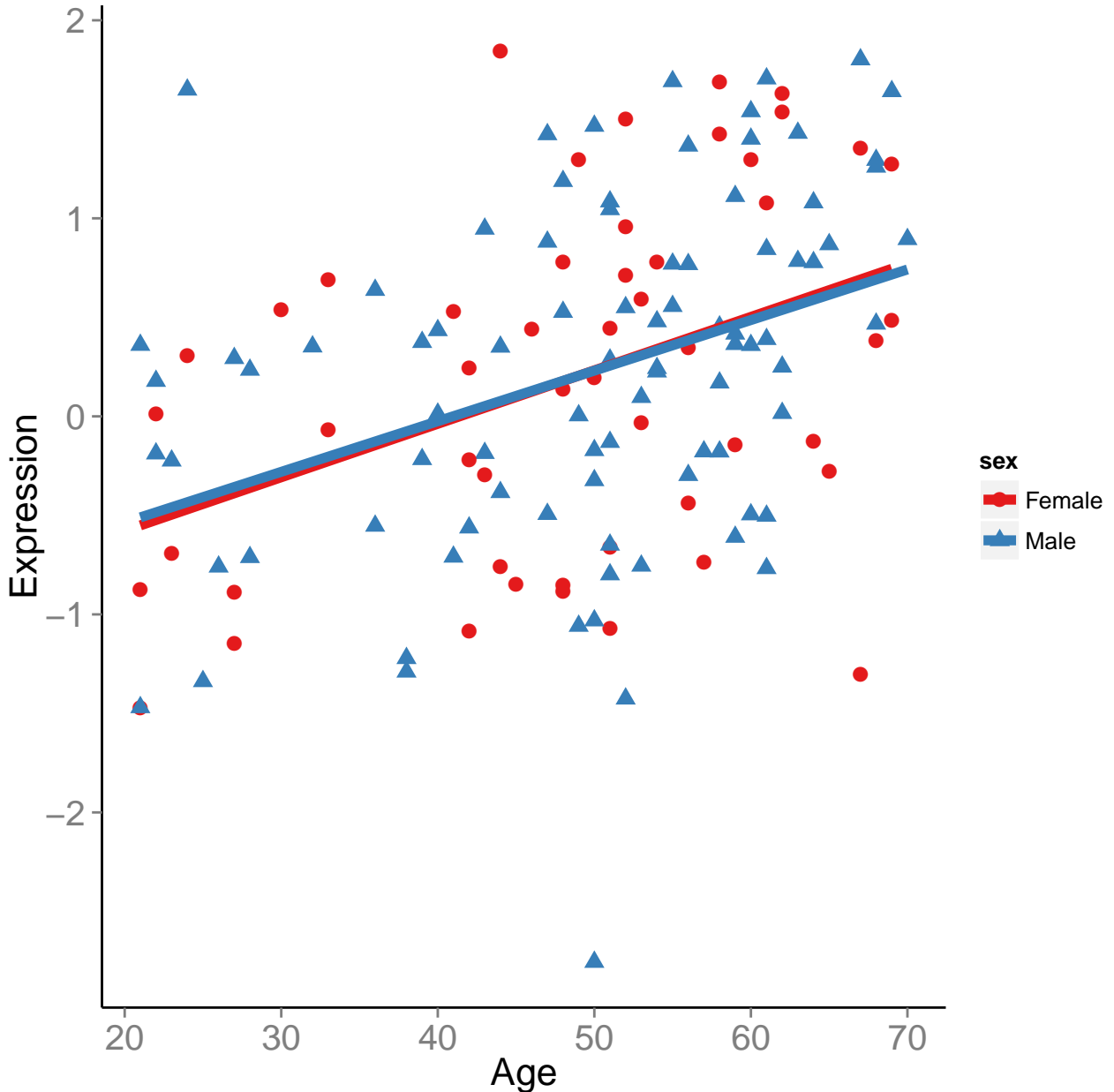
Muscle: GUSBP11 Pearson-R=0.39 Pval=2.68E-06



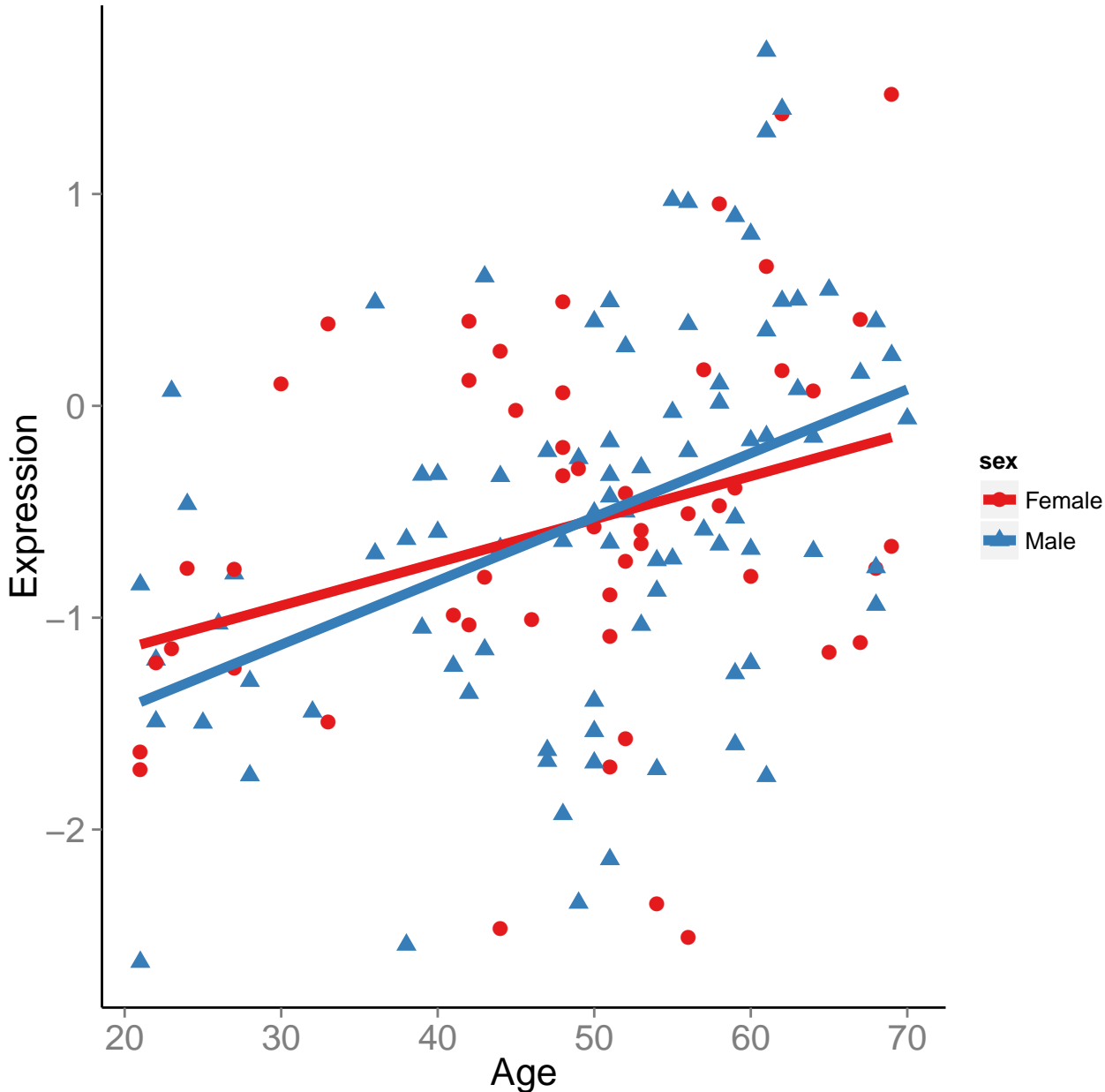
Muscle: FAM193A Pearson-R=0.39 Pval=2.80E-06



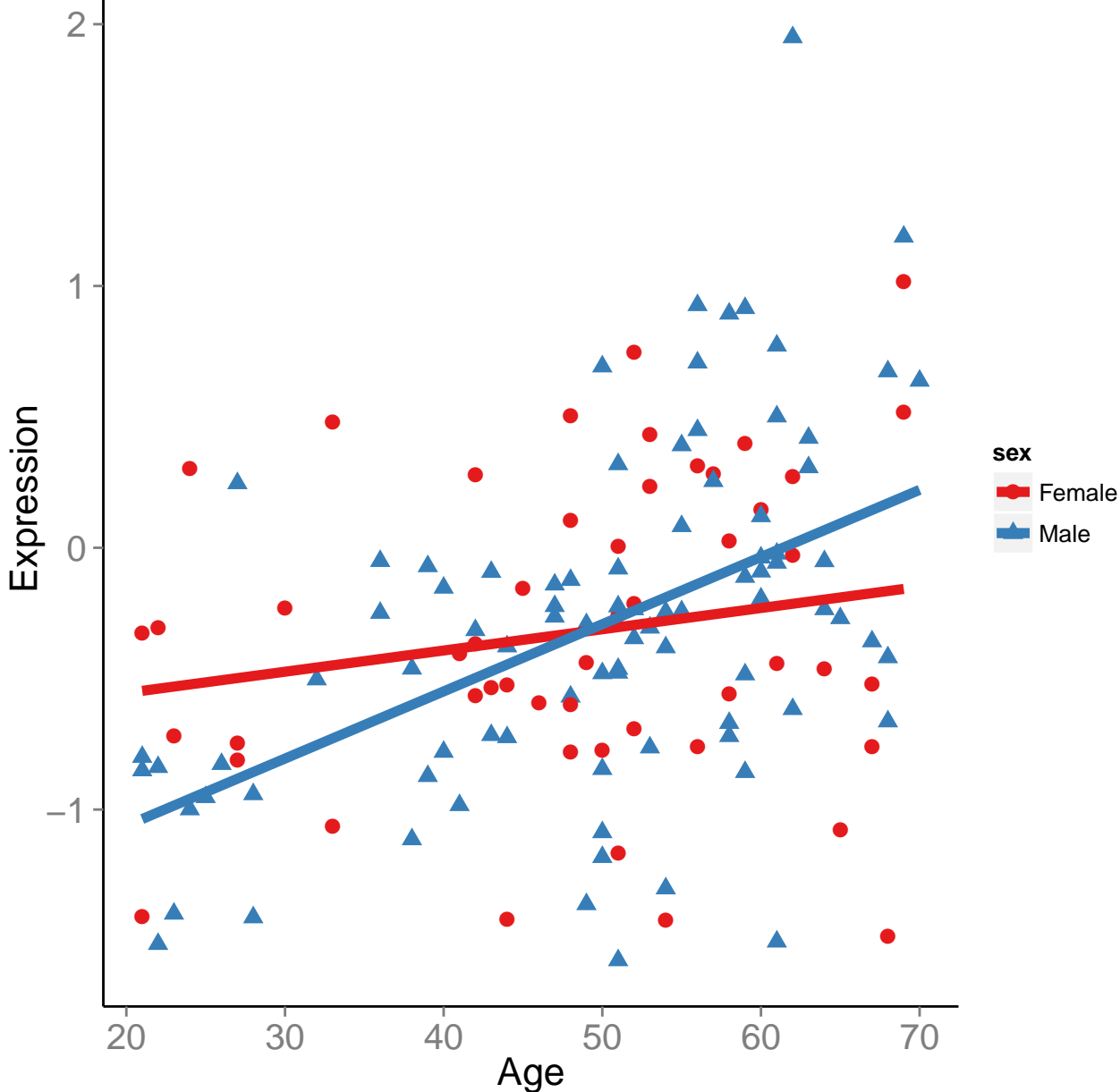
Muscle: ACADL Pearson-R=0.39 Pval=3.04E-06



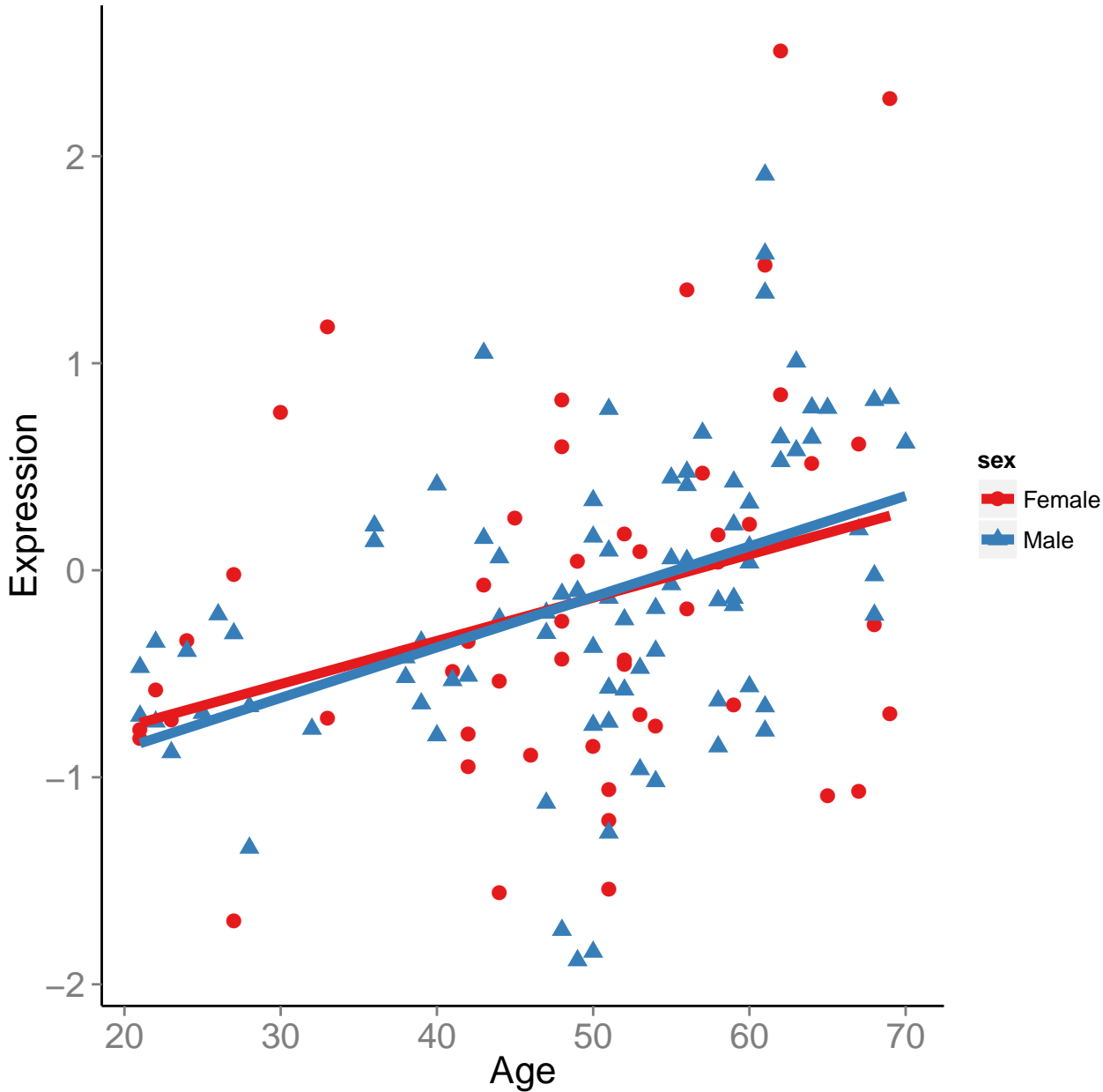
Muscle: POM121 Pearson-R=0.39 Pval=3.02E-06



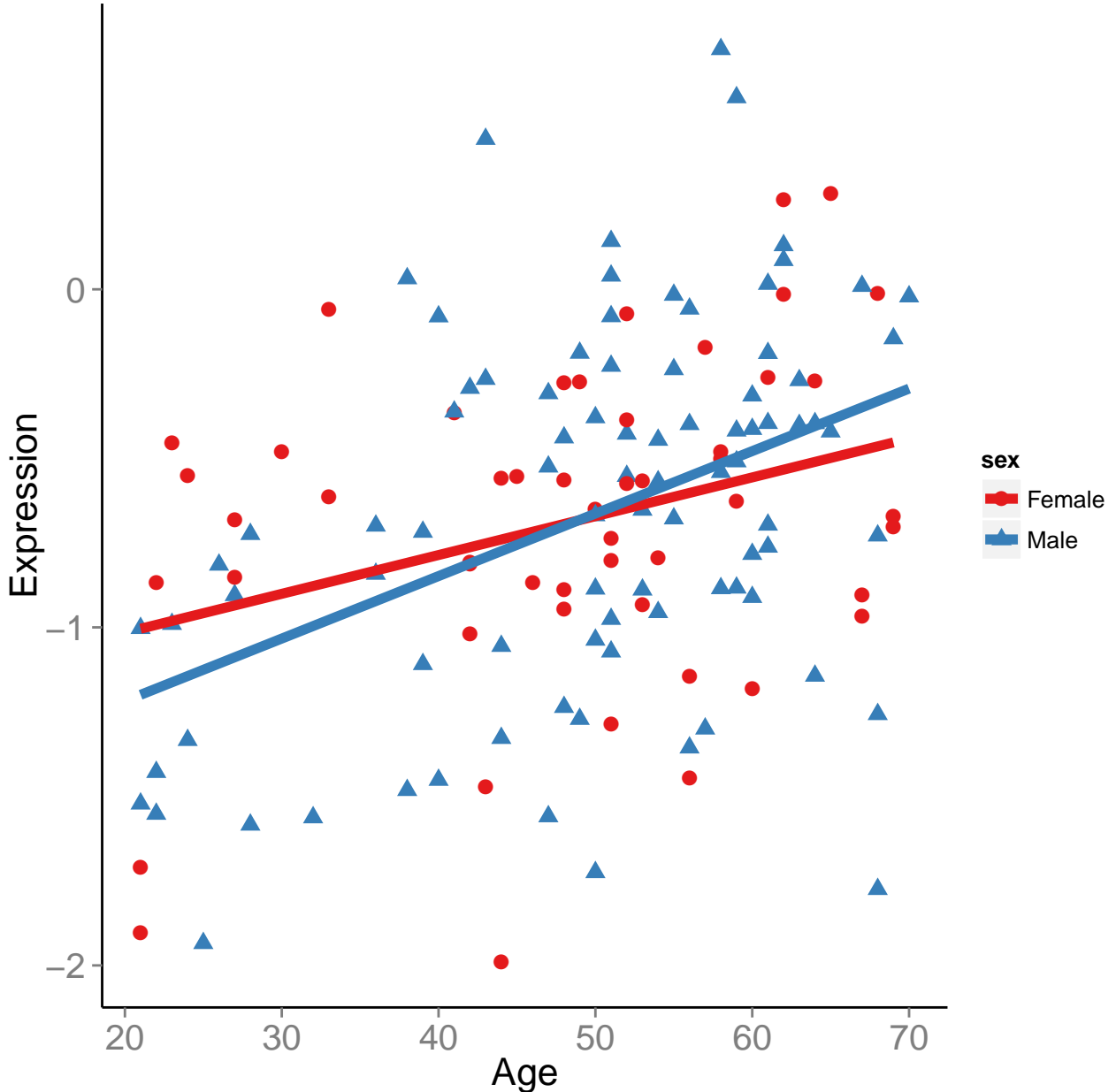
Muscle: CPSF3L Pearson-R=0.39 Pval=2.97E-06



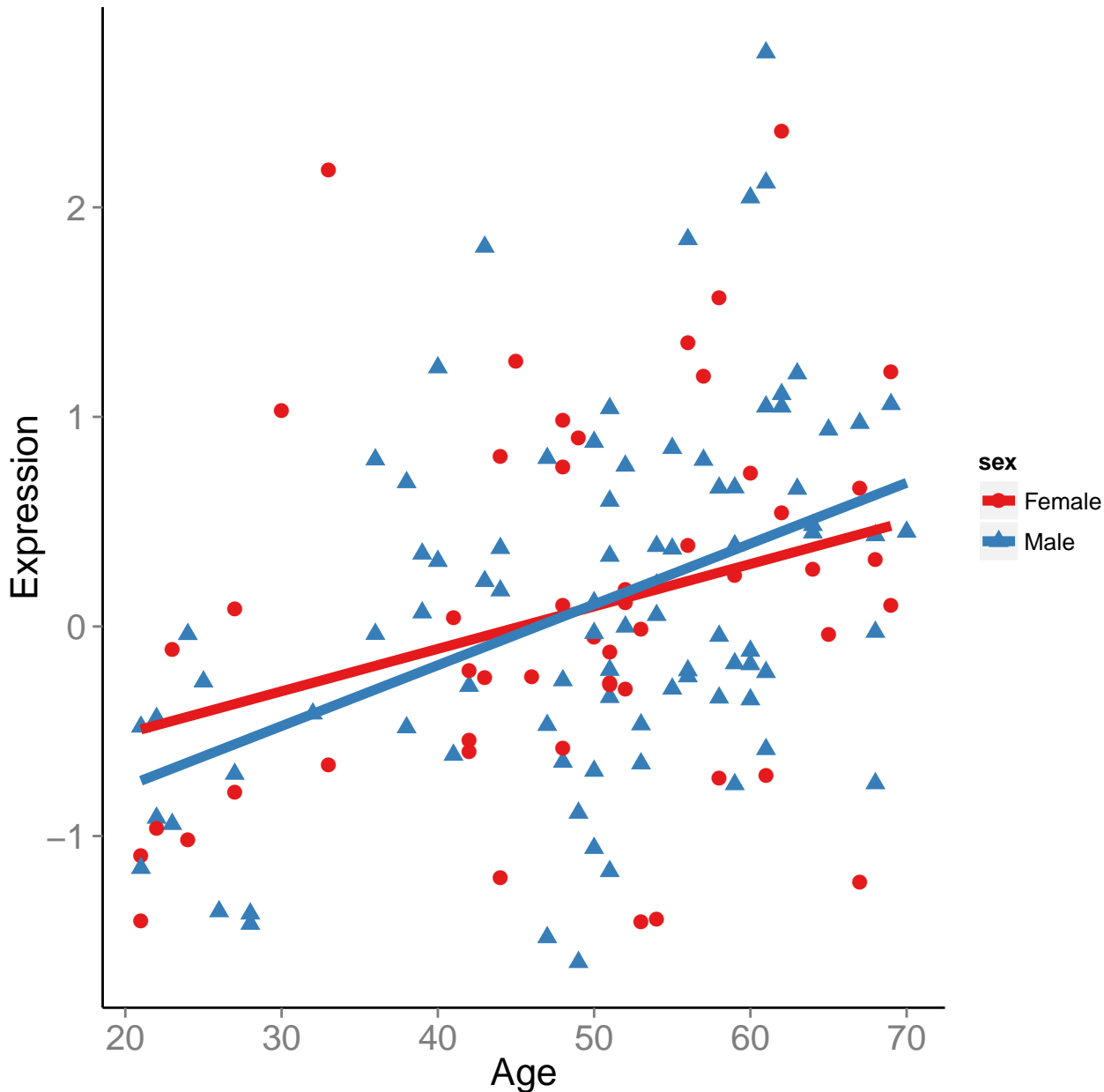
Muscle: DICER1 Pearson-R=0.39 Pval=3.05E-06



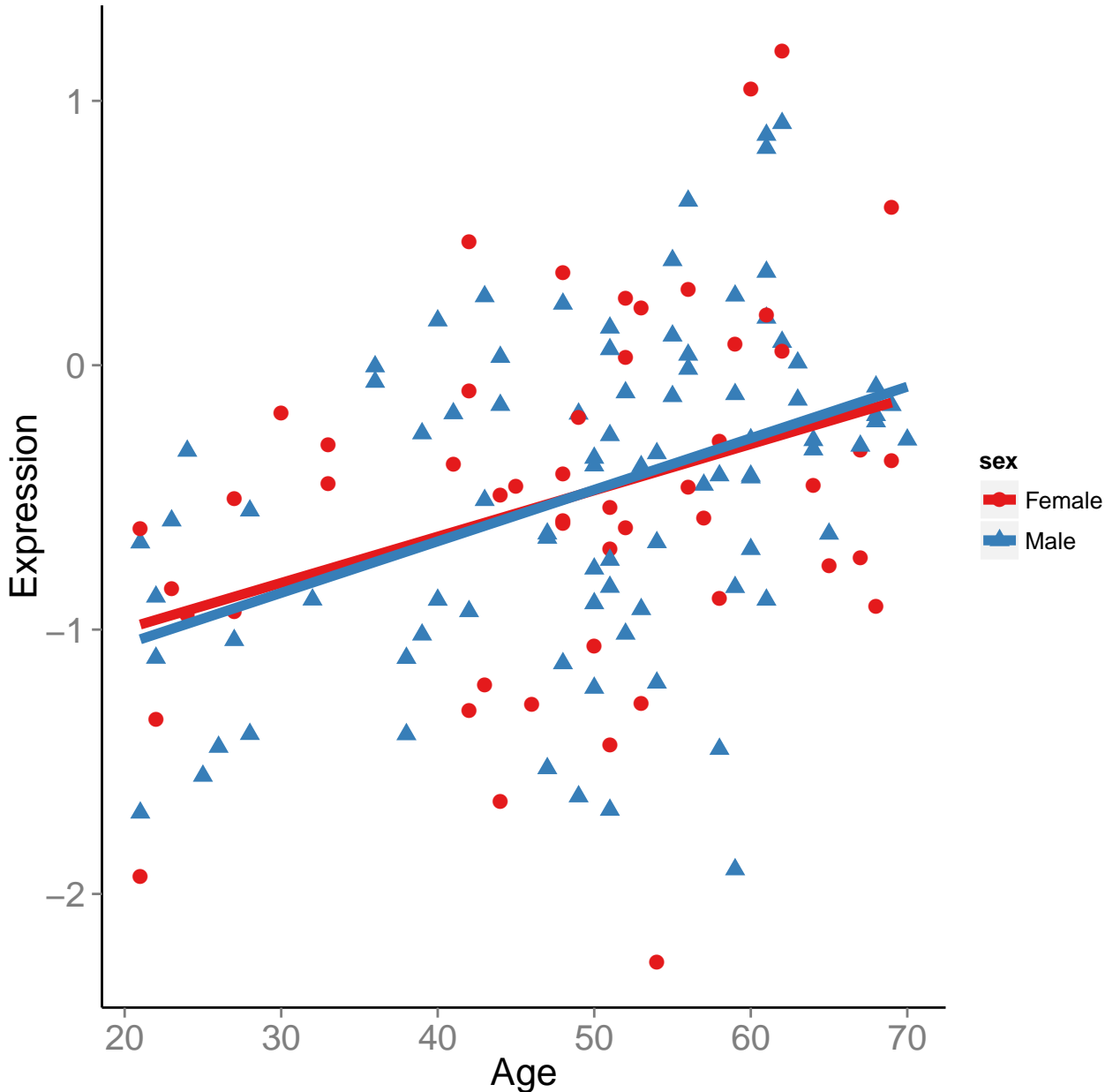
Muscle: GPAA1 Pearson-R=0.39 Pval=2.93E-06



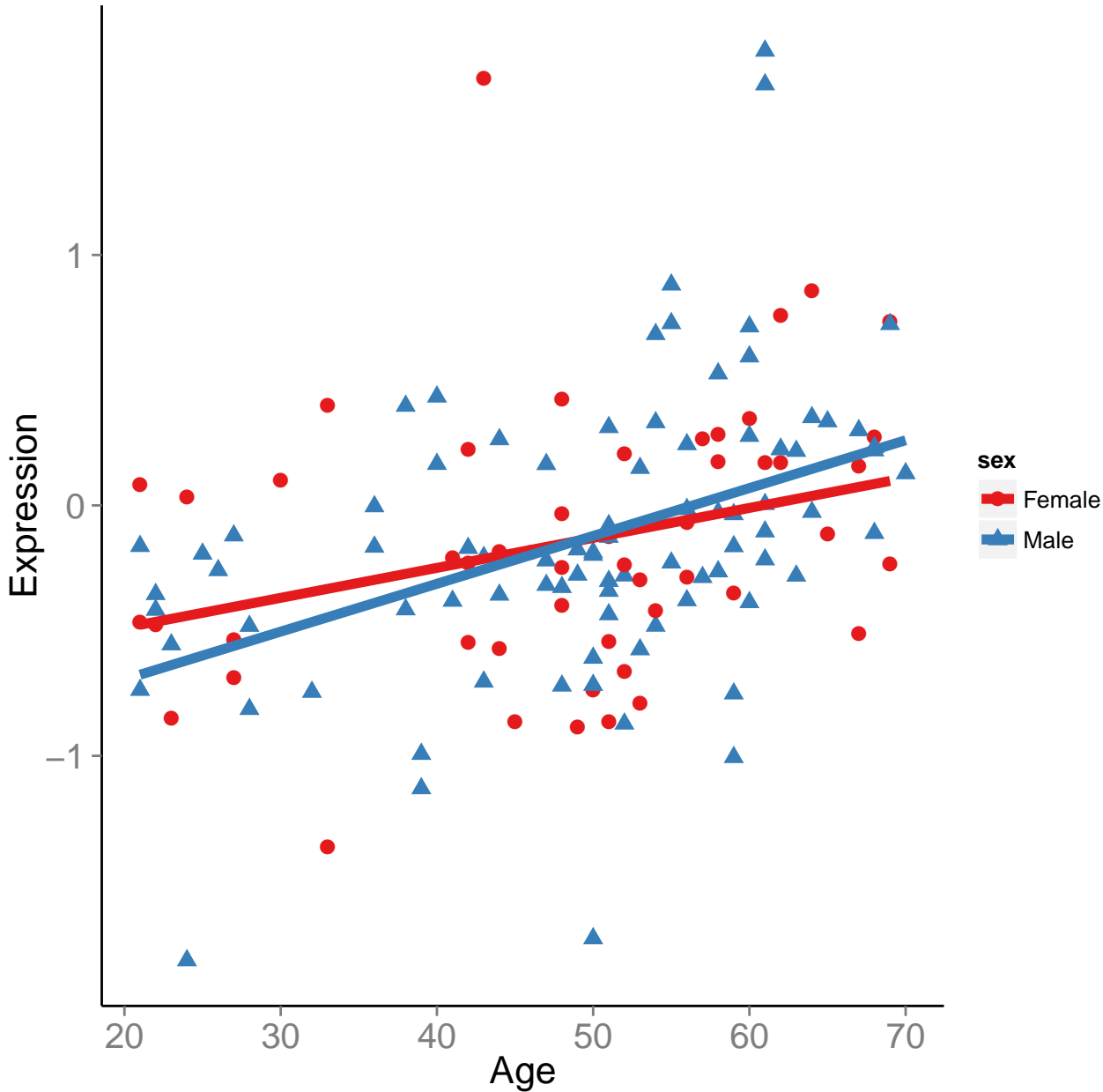
Muscle: DDX17 Pearson-R=0.39 Pval=3.11E-06



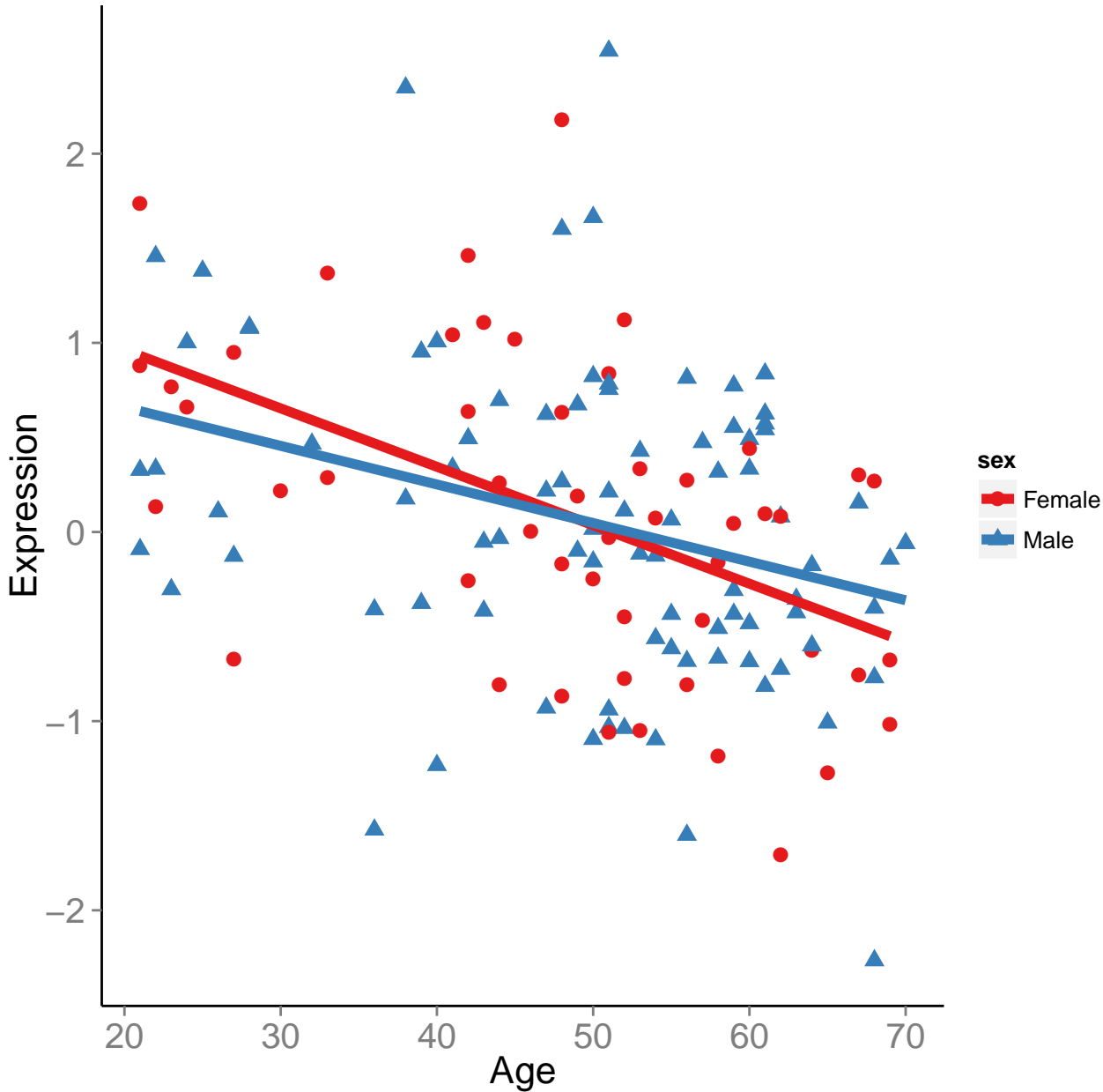
Muscle: ZMIZ2 Pearson-R=0.38 Pval=3.24E-06



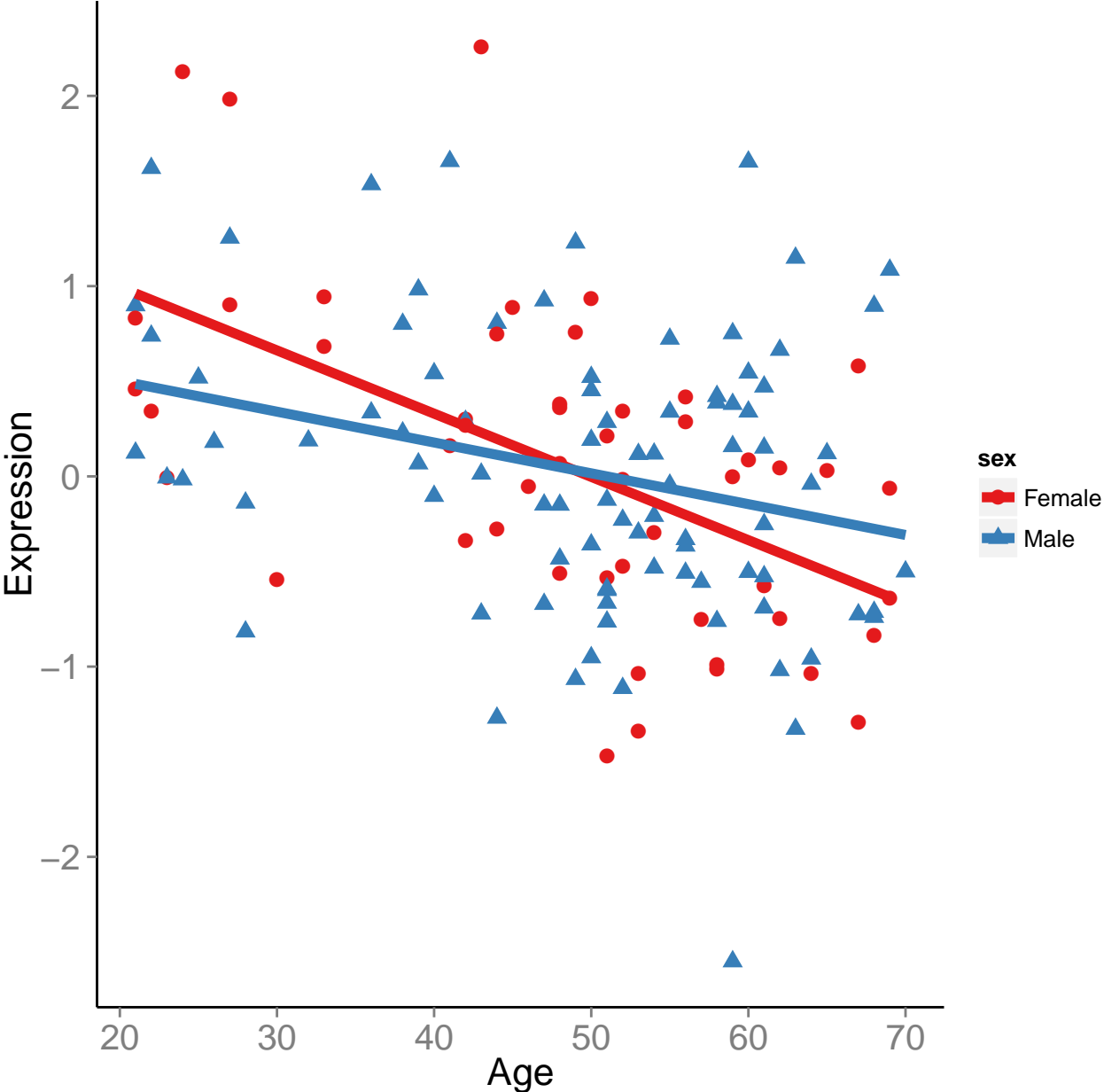
Muscle: GALT Pearson-R=0.38 Pval=3.23E-06



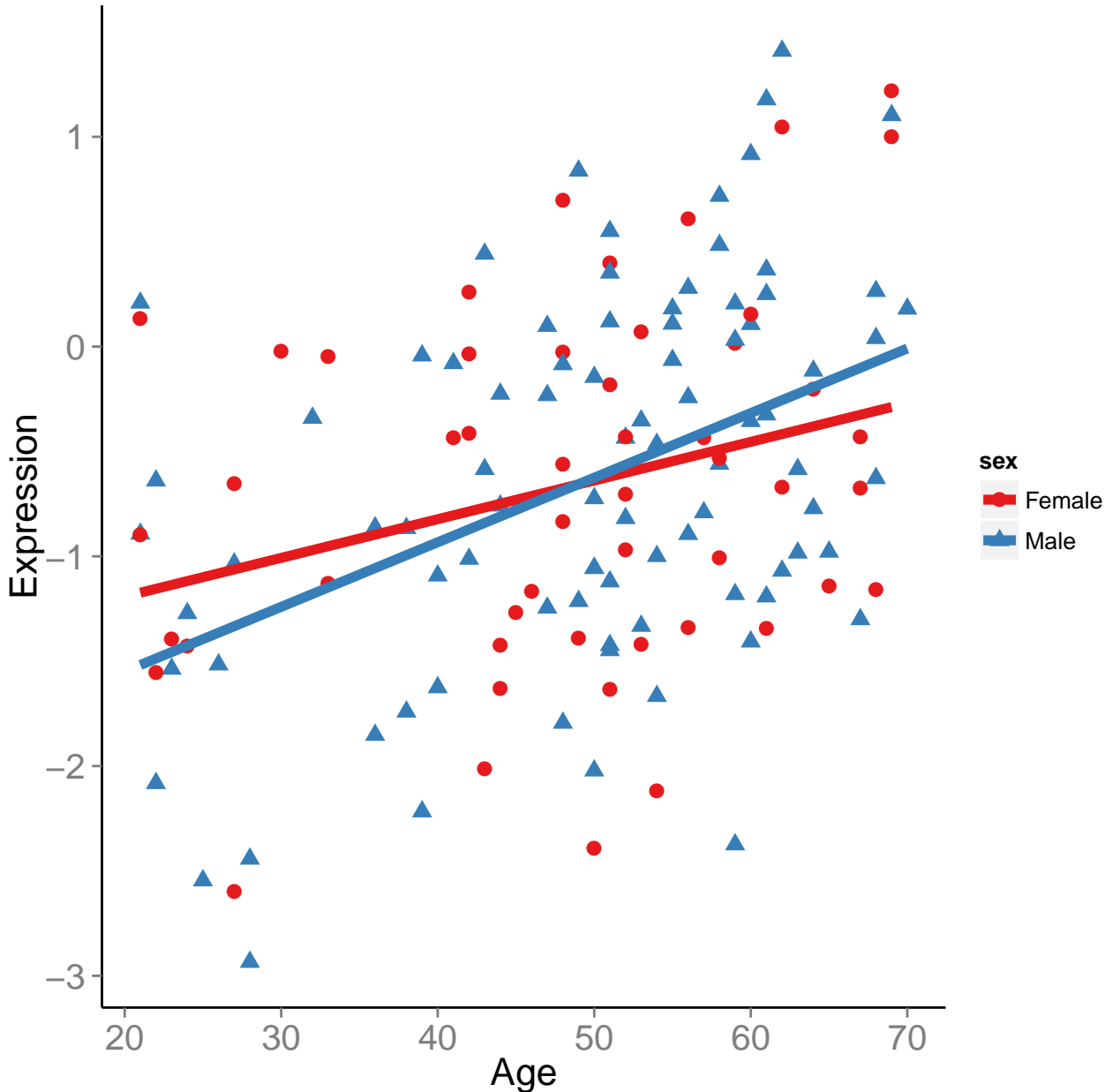
Muscle: GCLM Pearson-R=-0.38 Pval=3.31E-06



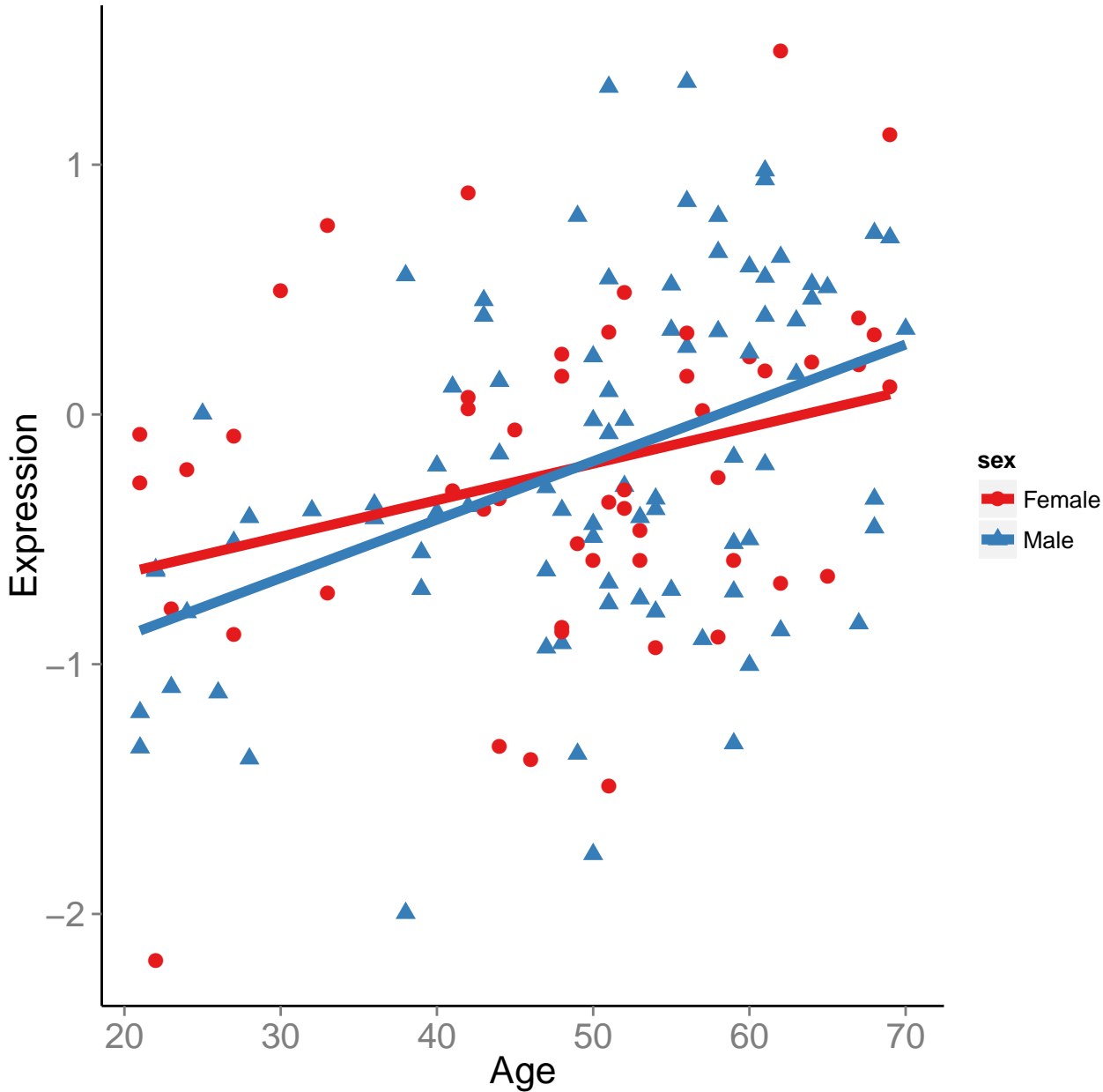
Muscle: CTIF Pearson-R=-0.38 Pval=3.50E-06



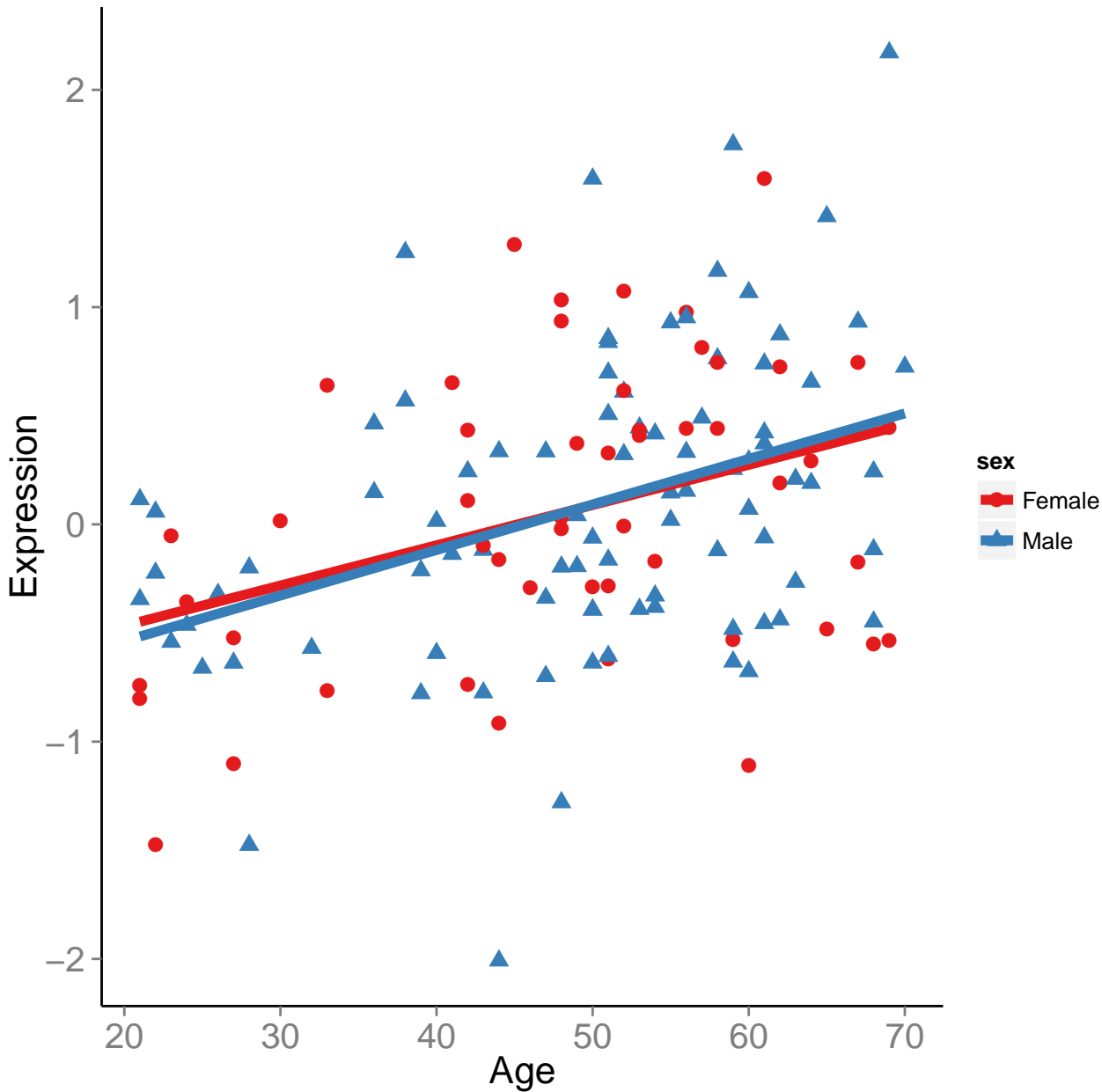
Muscle: USP54 Pearson-R=0.38 Pval=3.52E-06



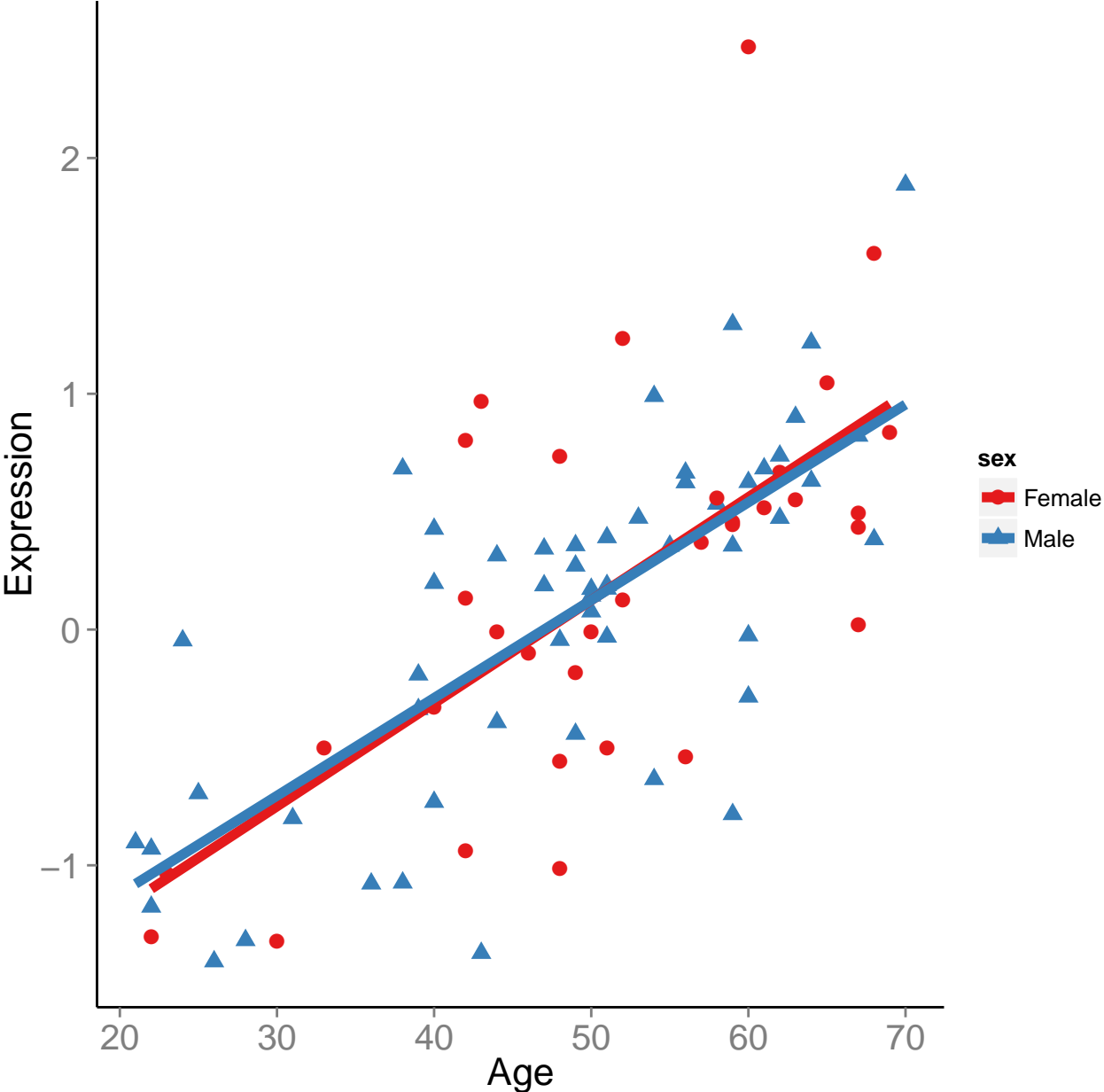
Muscle: BPTF Pearson-R=0.38 Pval=3.95E-06



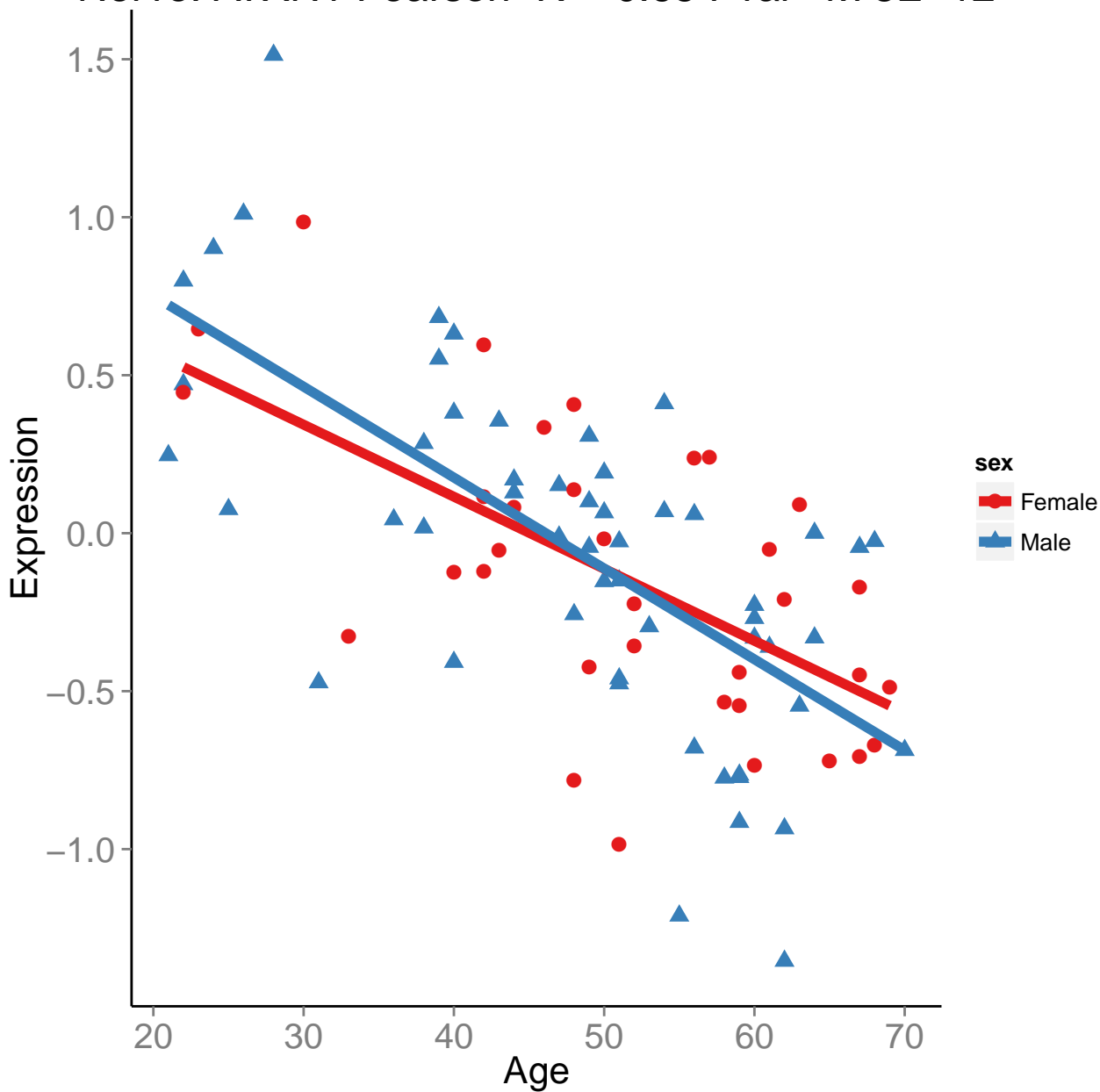
Muscle: RUFY1 Pearson-R=0.38 Pval=4.07E-06



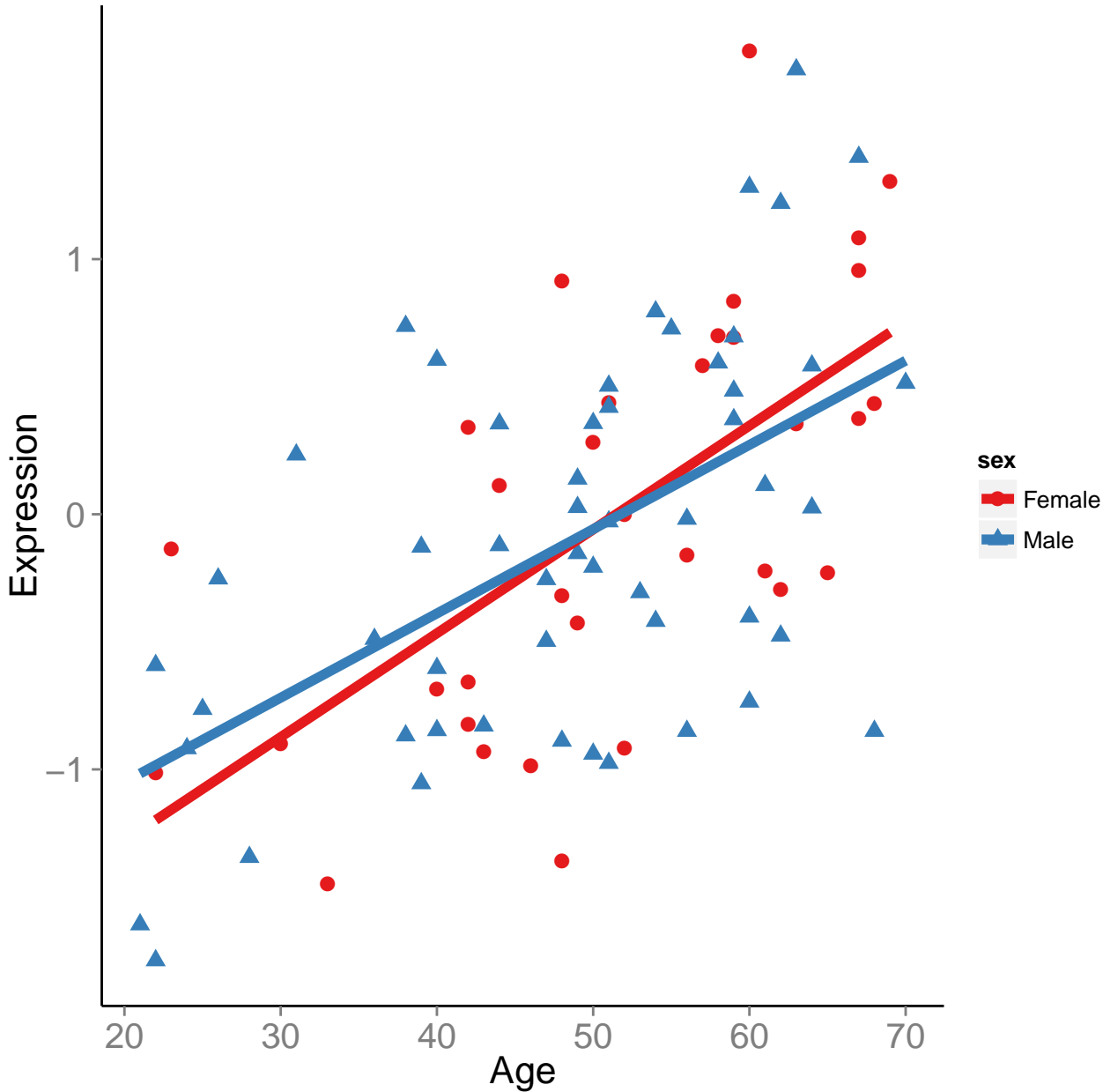
Nerve: EDA2R Pearson-R=0.70 Pval=2.62E-14



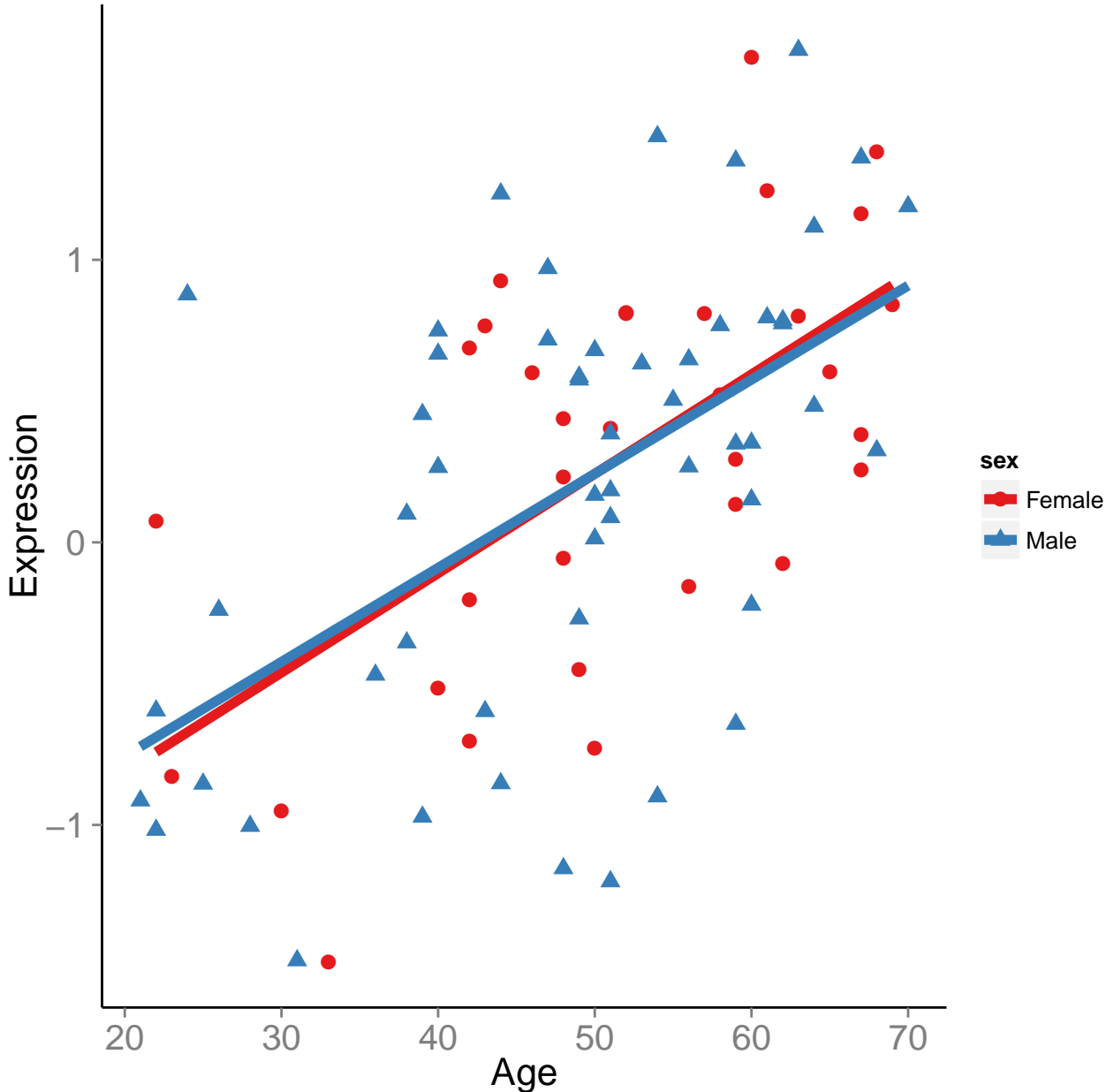
Nerve: ATXN1 Pearson-R=-0.65 Pval=4.78E-12



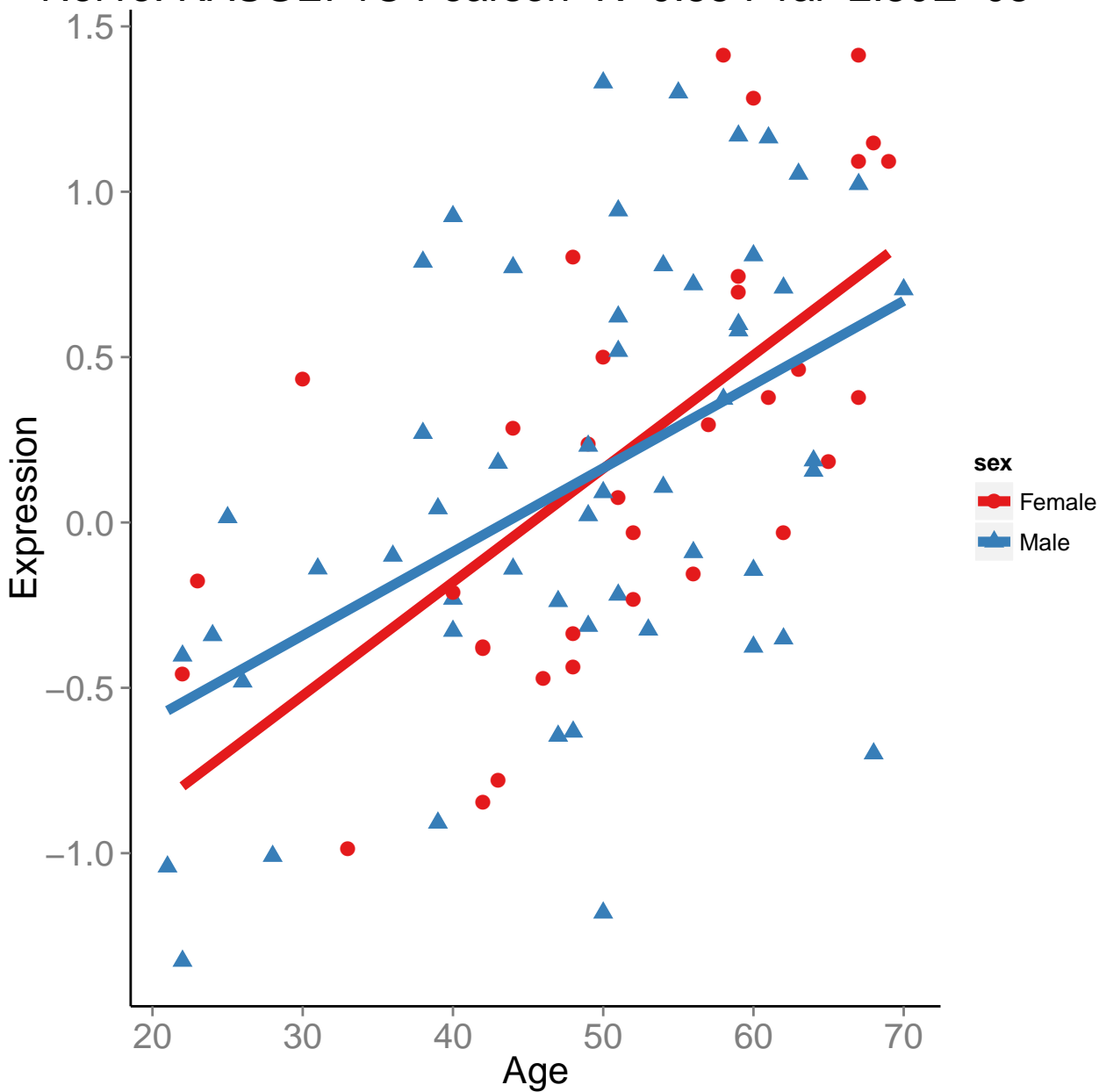
Nerve: C2orf88 Pearson-R=0.59 Pval=1.39E-09



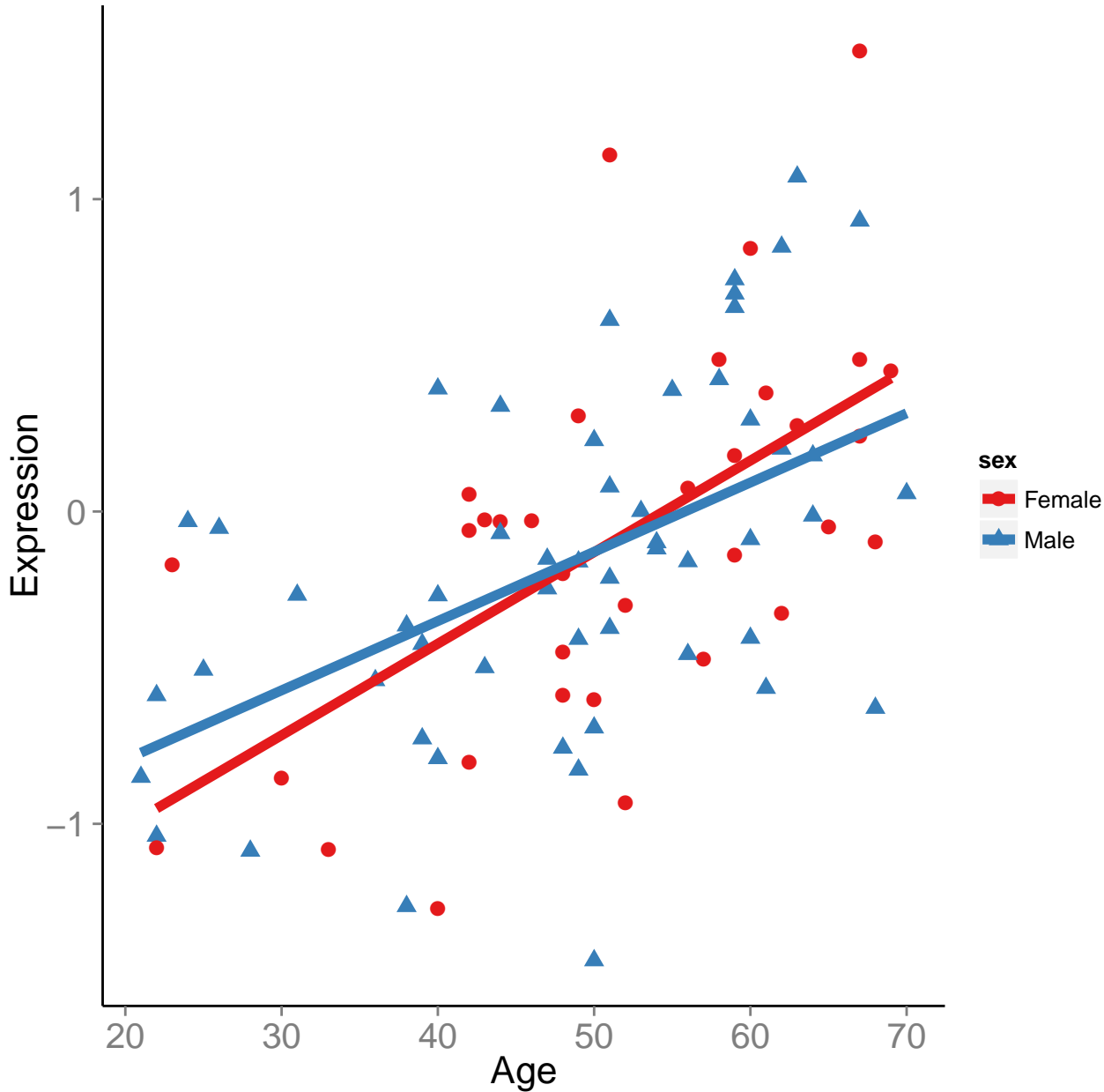
Nerve: ZMAT3 Pearson-R=0.57 Pval=6.07E-09



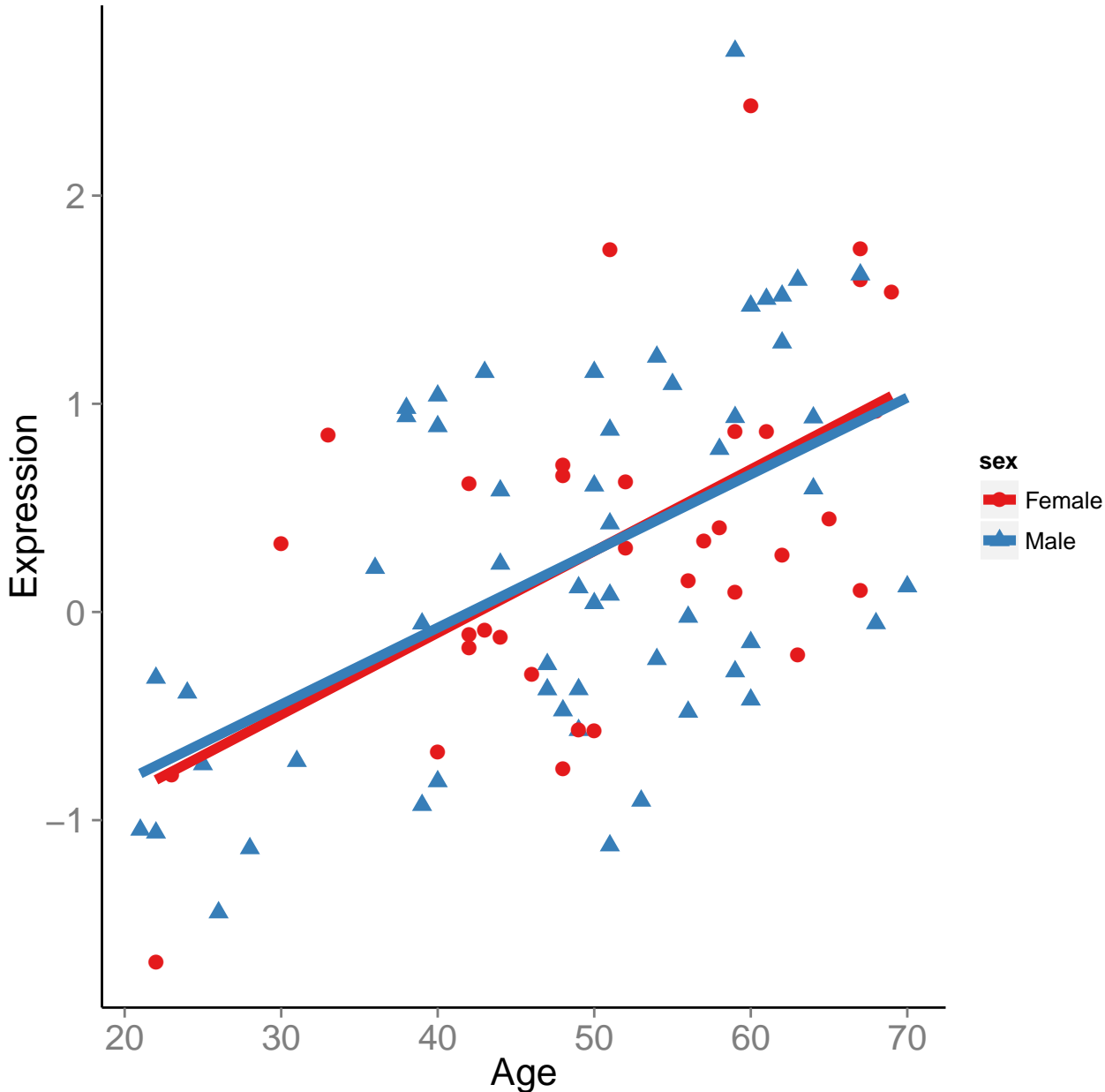
Nerve: RASGEF1C Pearson-R=0.55 Pval=2.30E-08



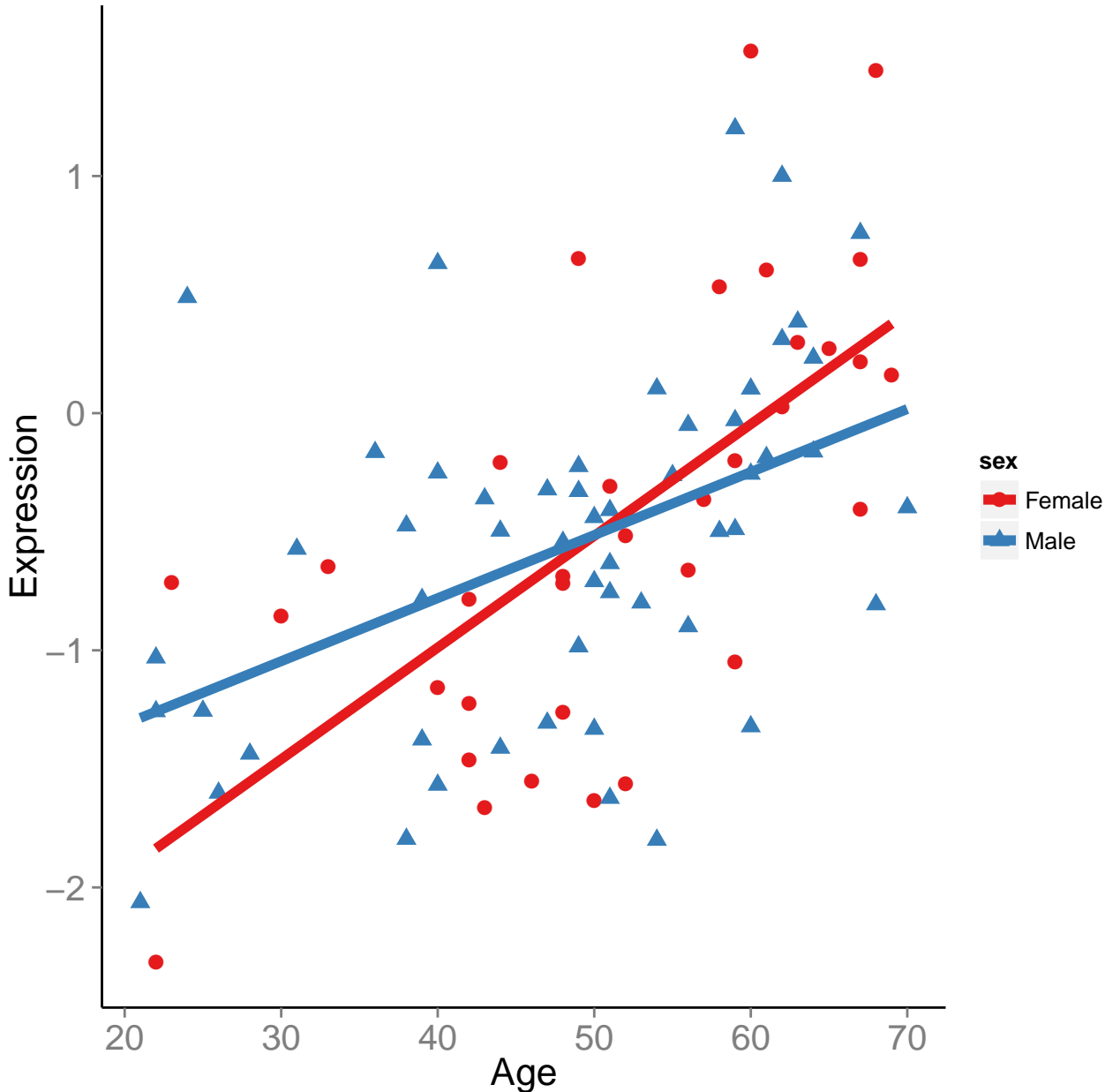
Nerve: RARRES2 Pearson-R=0.55 Pval=3.65E-08



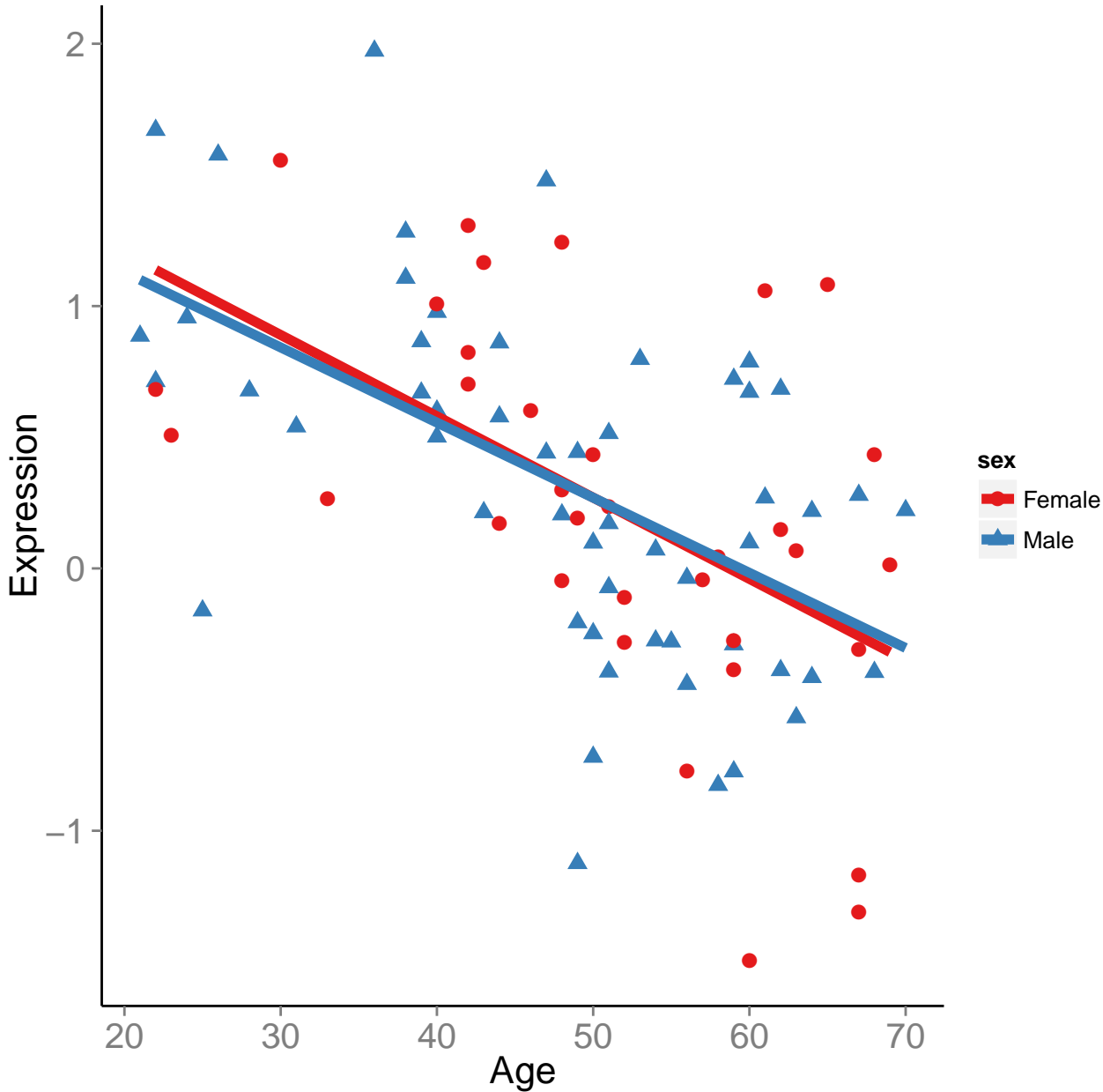
Nerve: TLE1 Pearson-R=0.55 Pval=3.40E-08



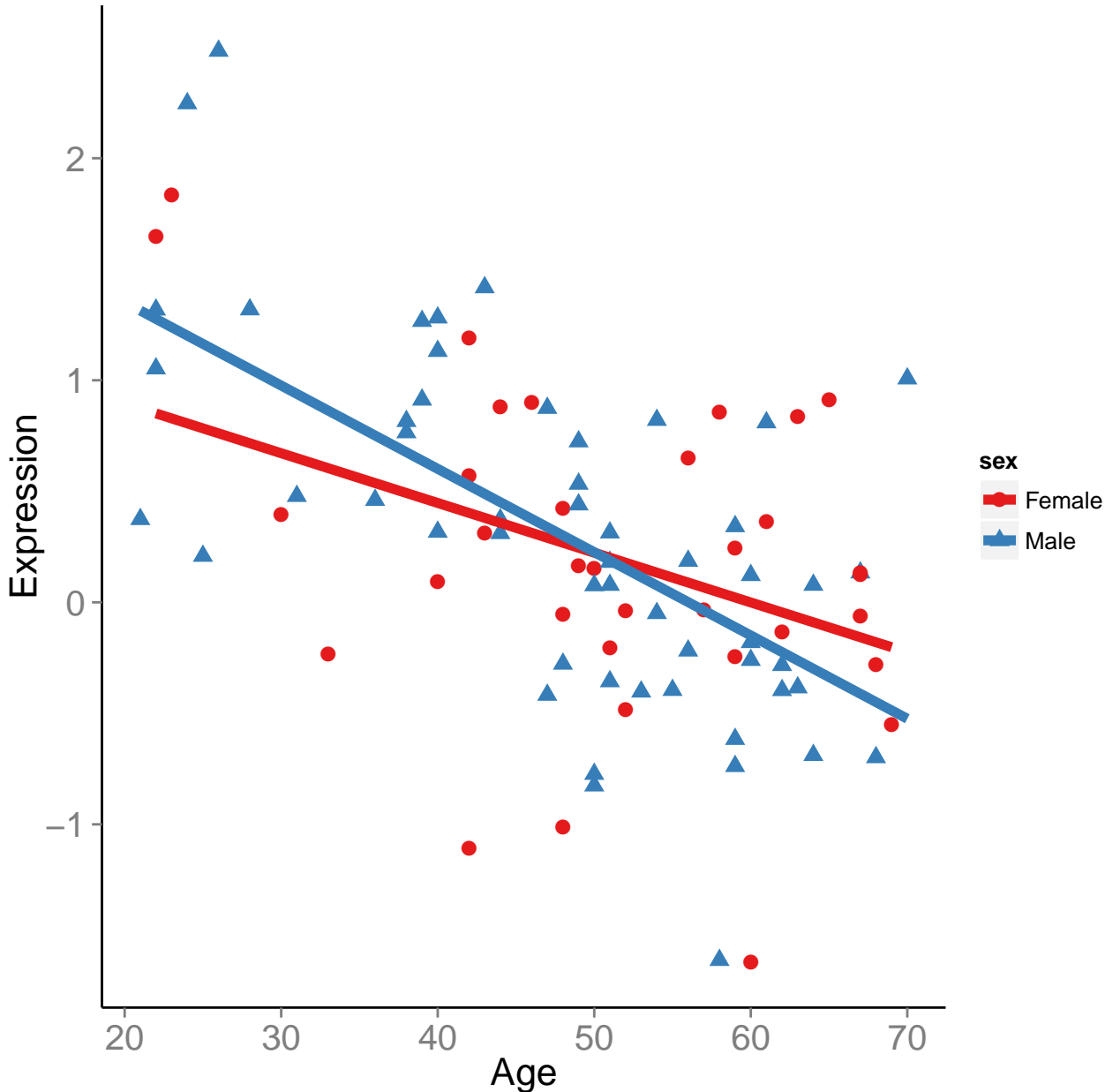
Nerve: CYFIP2 Pearson-R=0.55 Pval=3.76E-08



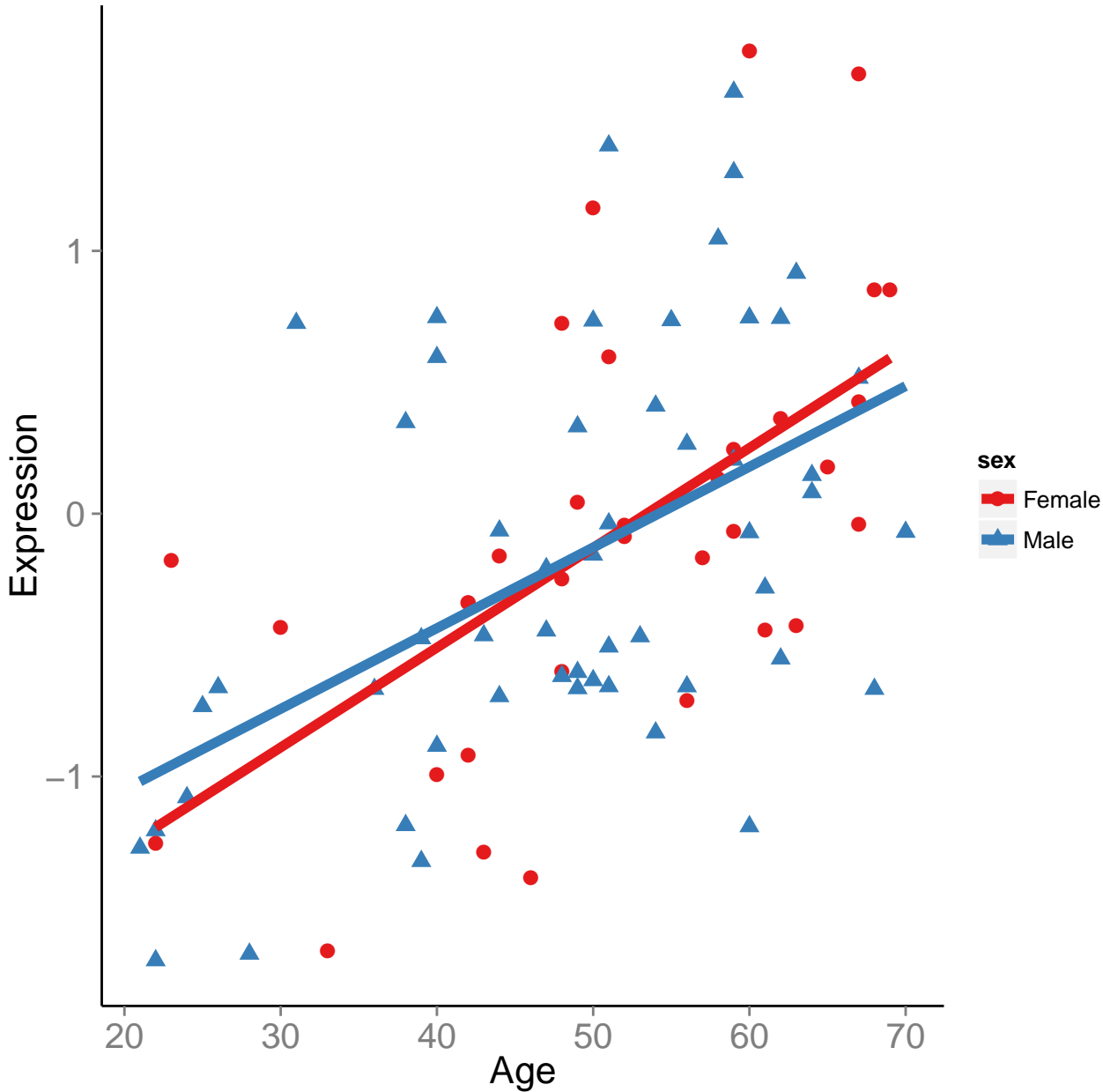
Nerve: ZNF549 Pearson-R=-0.54 Pval=4.17E-08



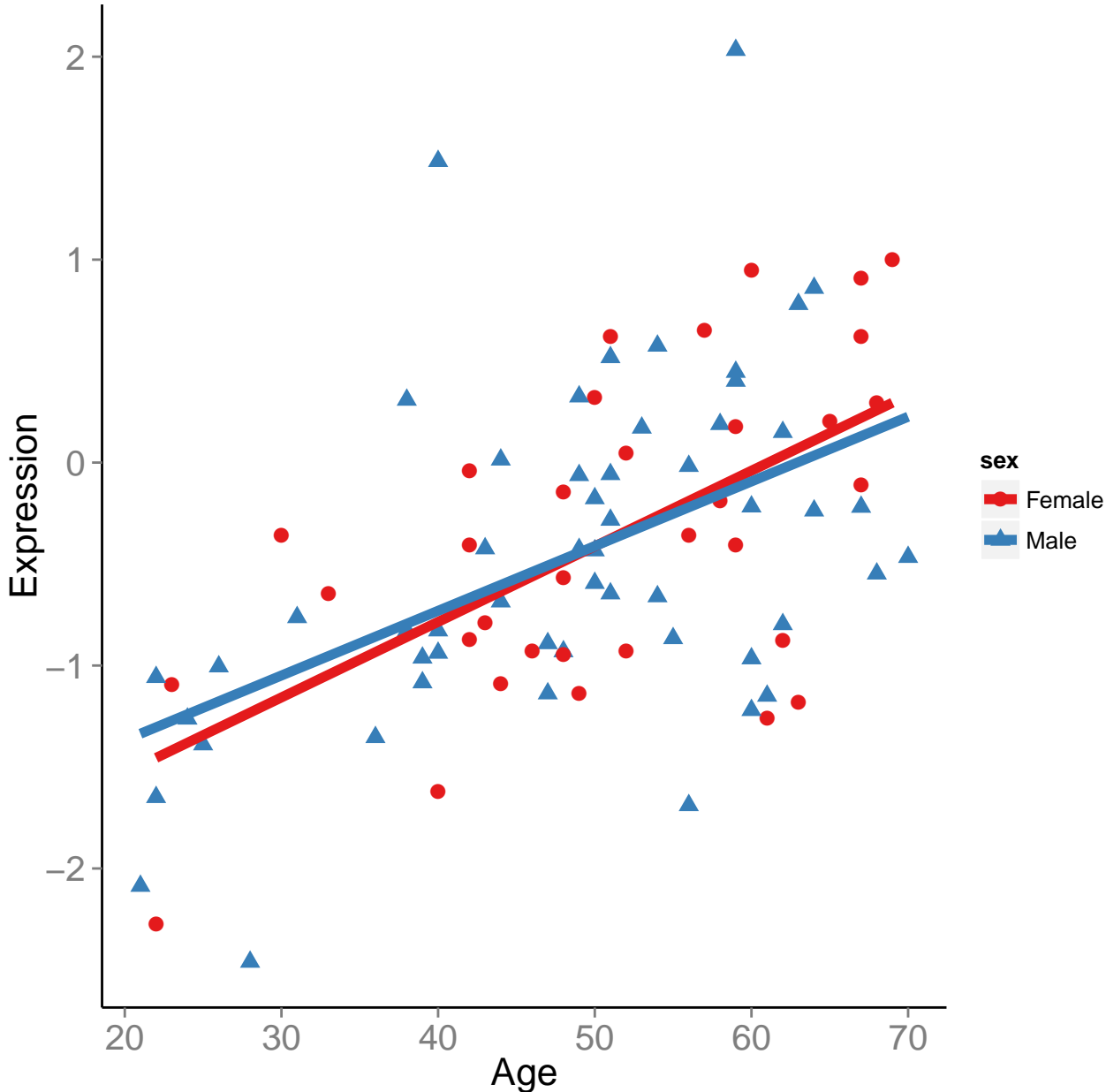
Nerve: NRIP2 Pearson-R=-0.54 Pval=5.24E-08



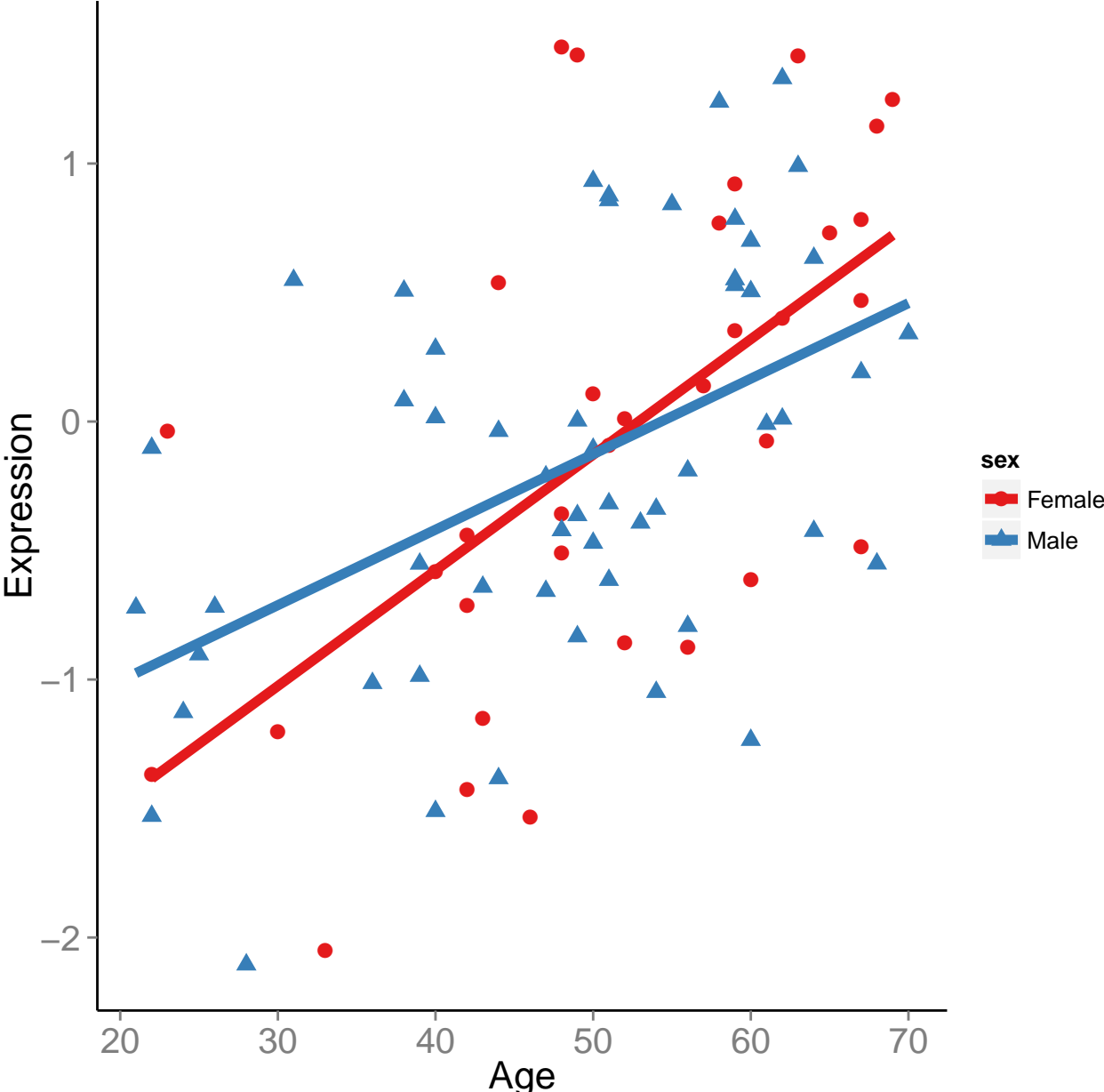
Nerve: COBL Pearson-R=0.54 Pval=6.18E-08



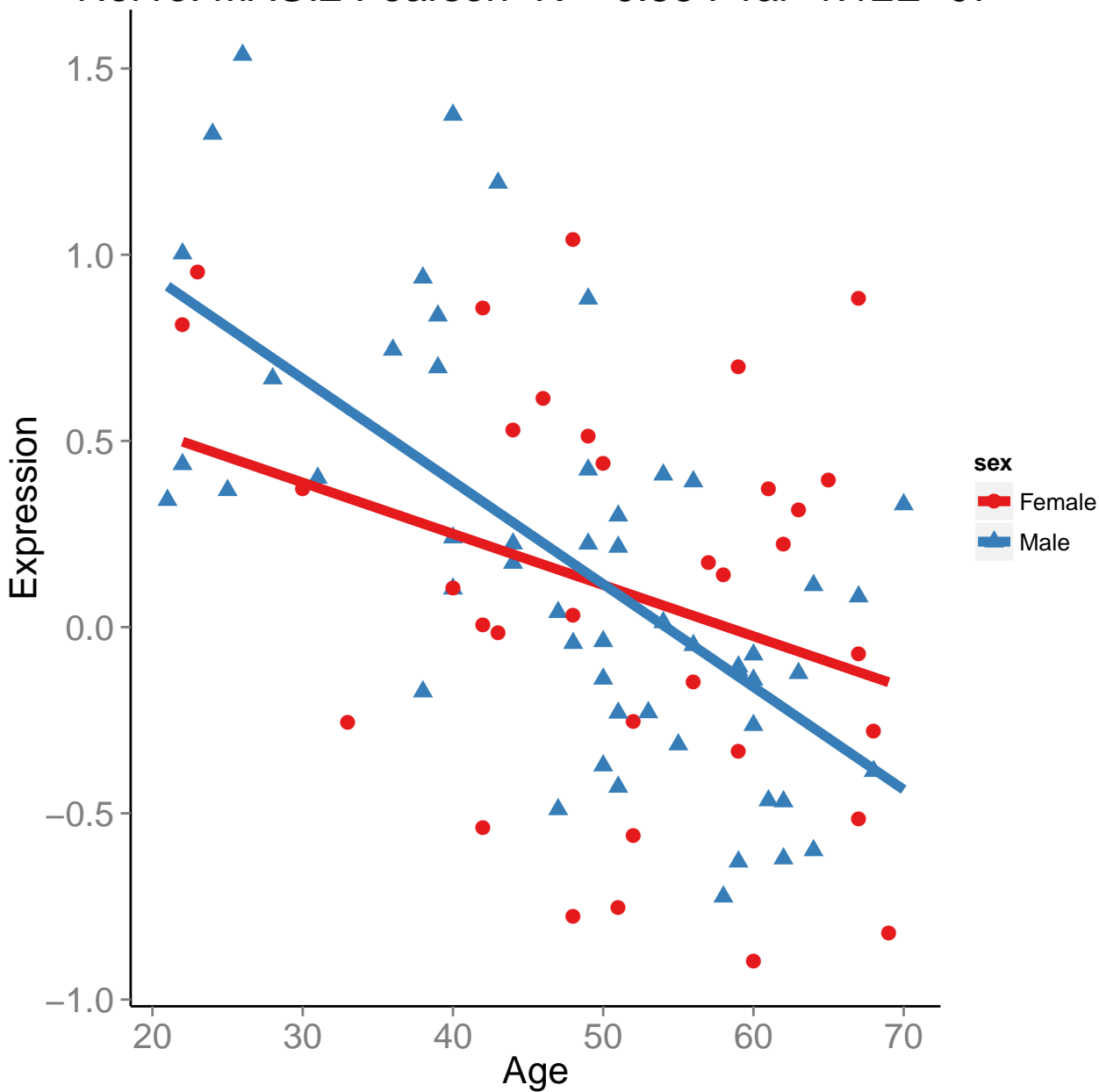
Nerve: MYOT Pearson-R=0.53 Pval=8.18E-08



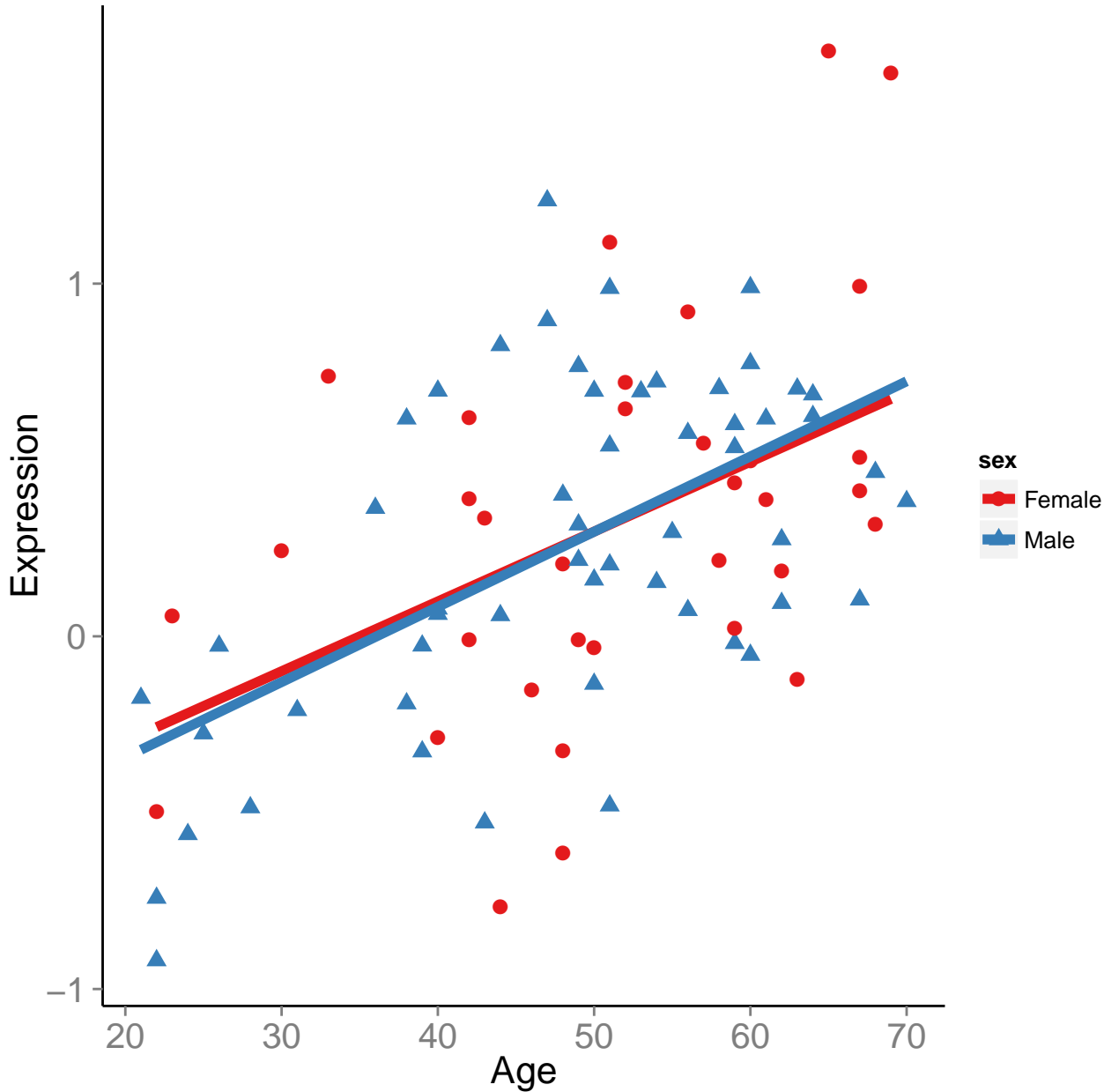
Nerve: NRN1 Pearson-R=0.53 Pval=8.29E-08



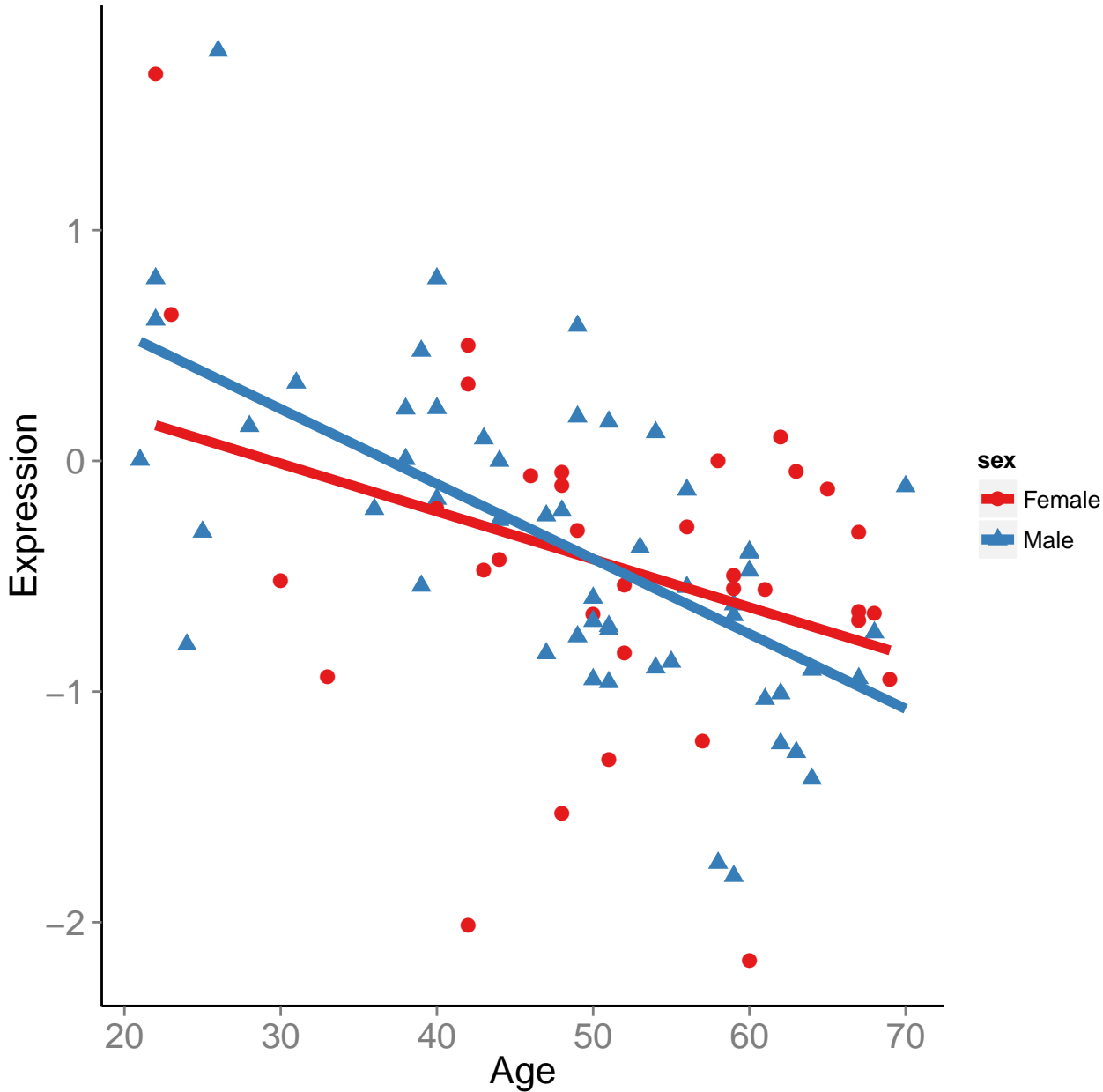
Nerve: MAGI2 Pearson-R=-0.53 Pval=1.12E-07



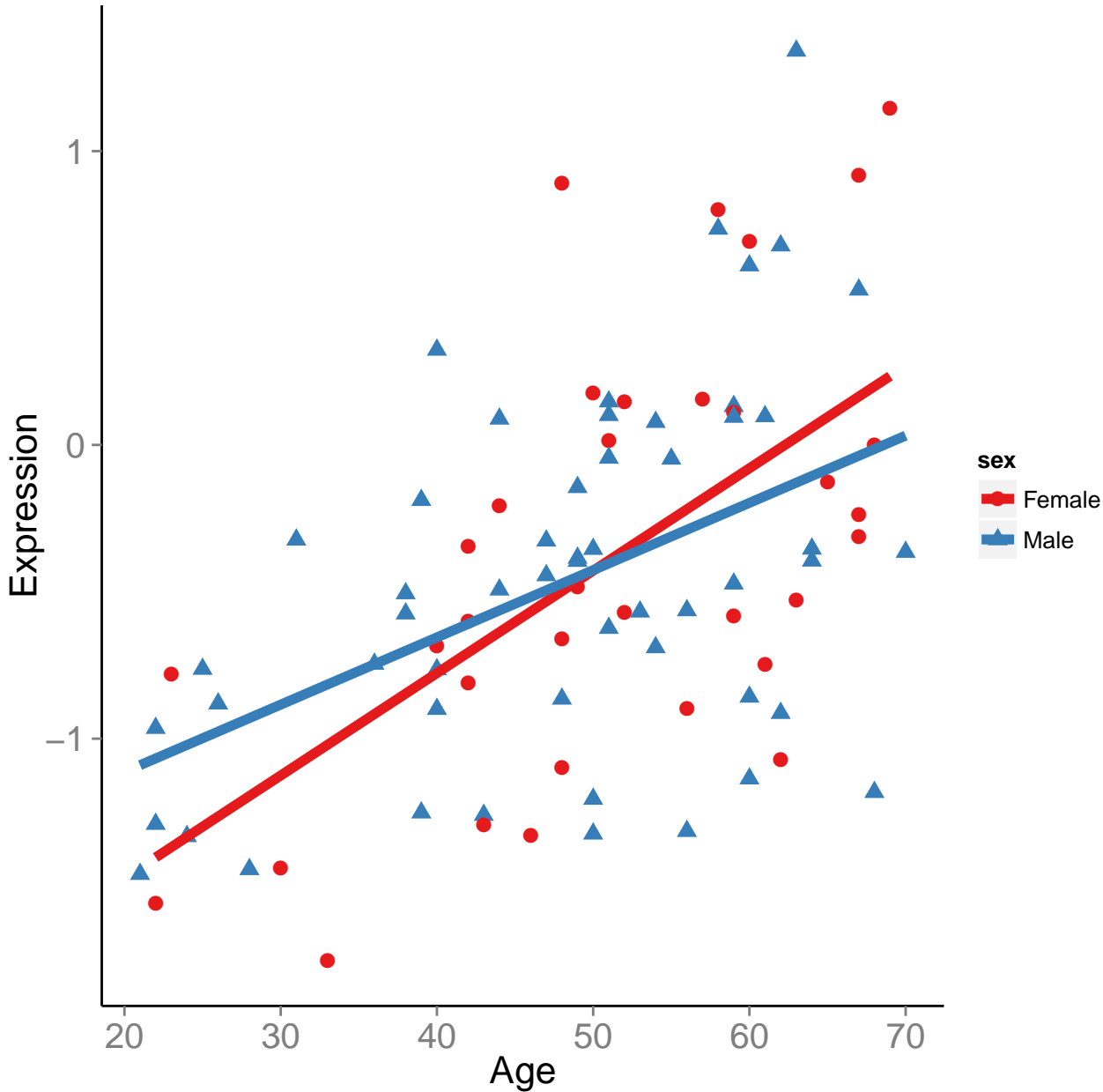
Nerve: MUM1L1 Pearson-R=0.52 Pval=1.57E-07



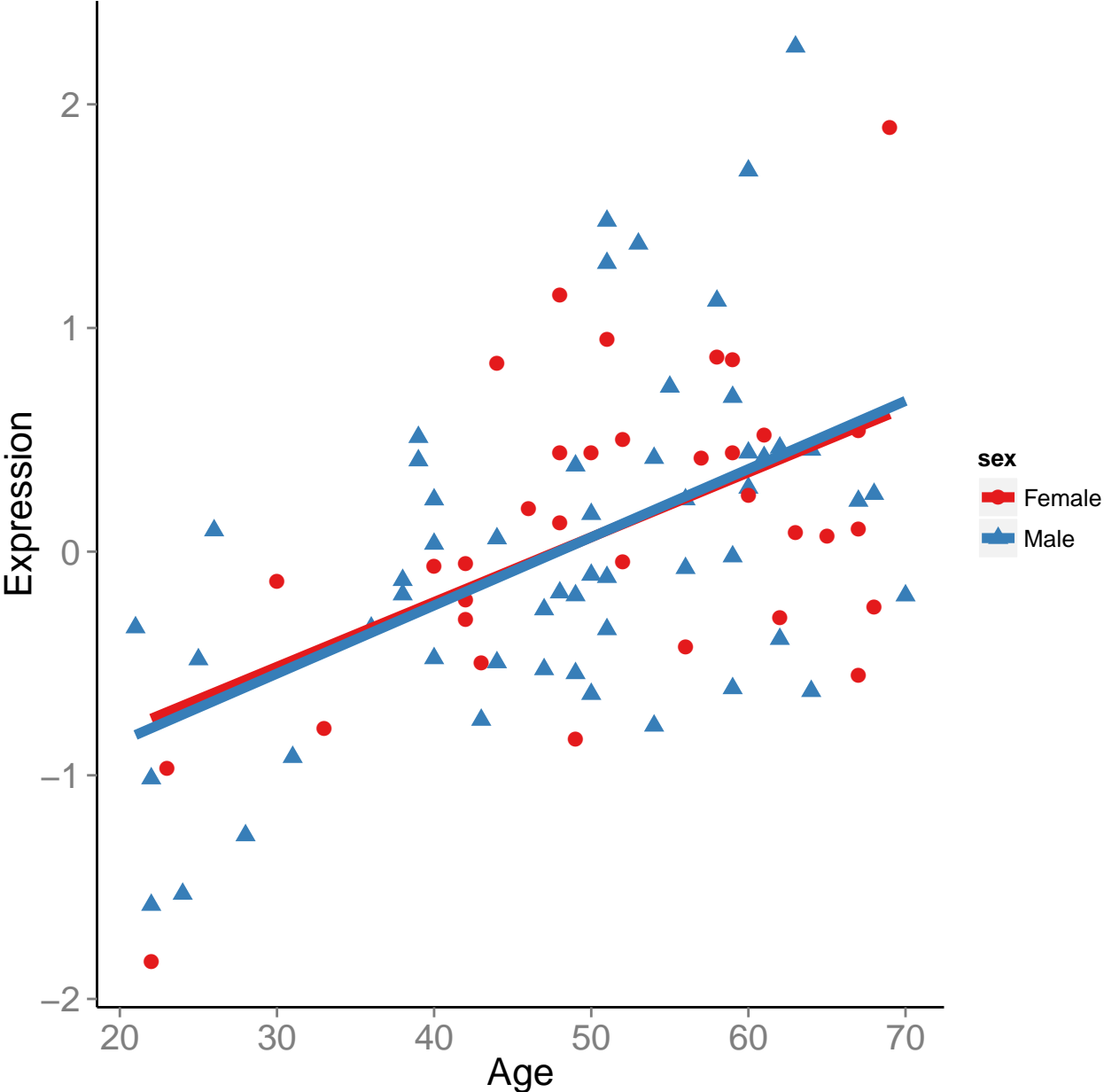
Nerve: MCOLN3 Pearson-R=-0.53 Pval=1.51E-07



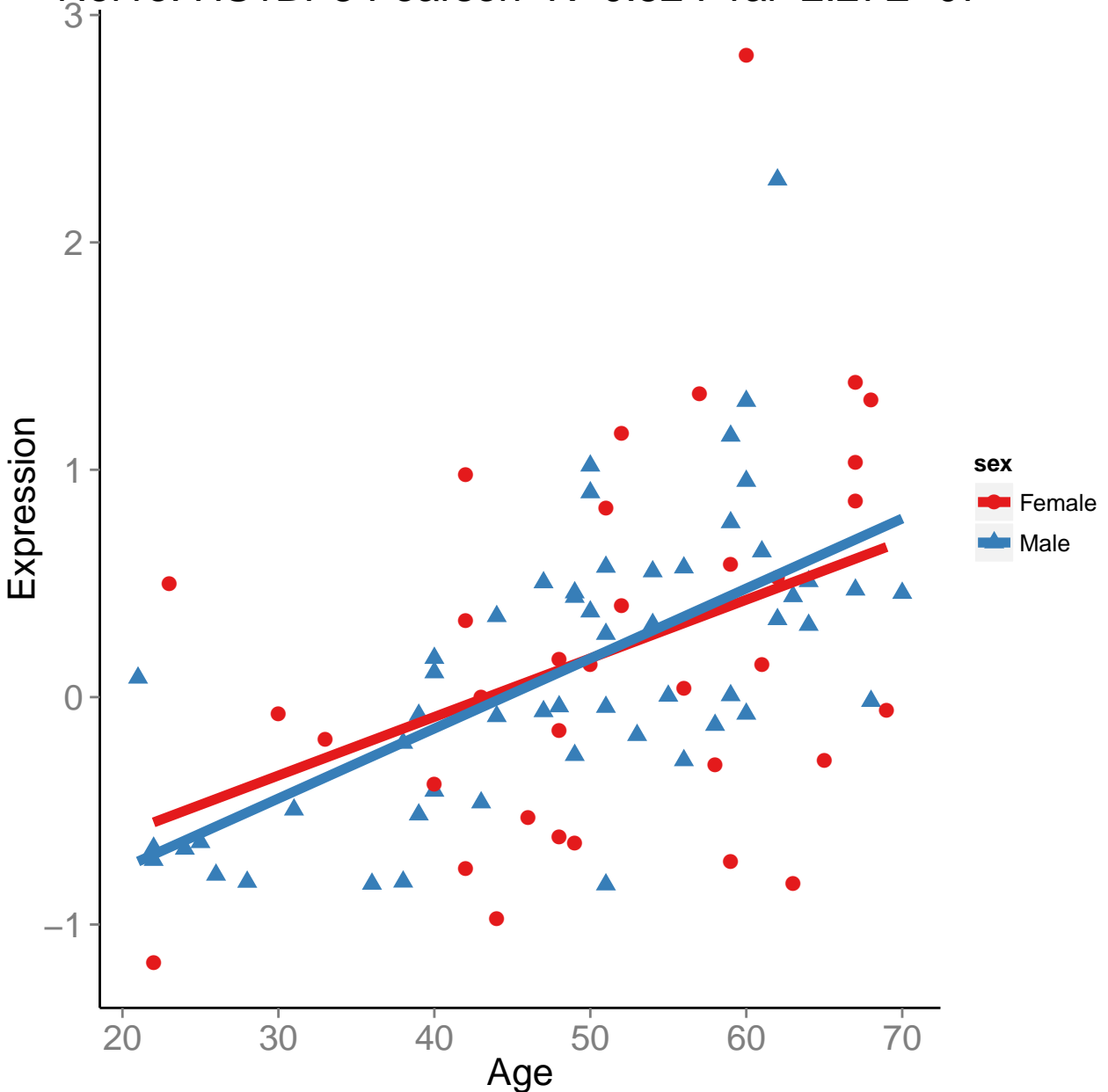
Nerve: NCAM1 Pearson-R=0.52 Pval=1.72E-07



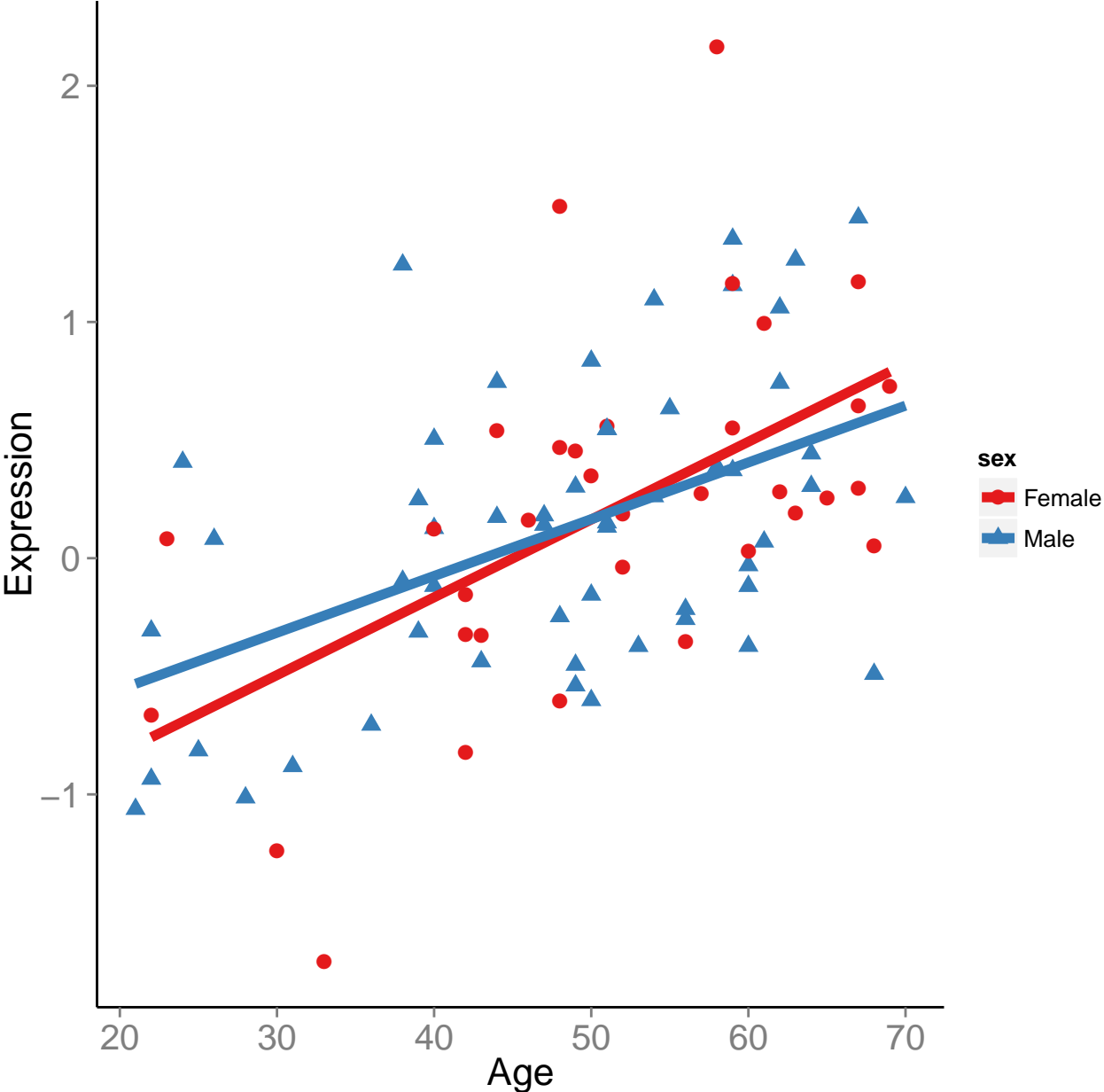
Nerve: HTRA1 Pearson-R=0.52 Pval=1.84E-07



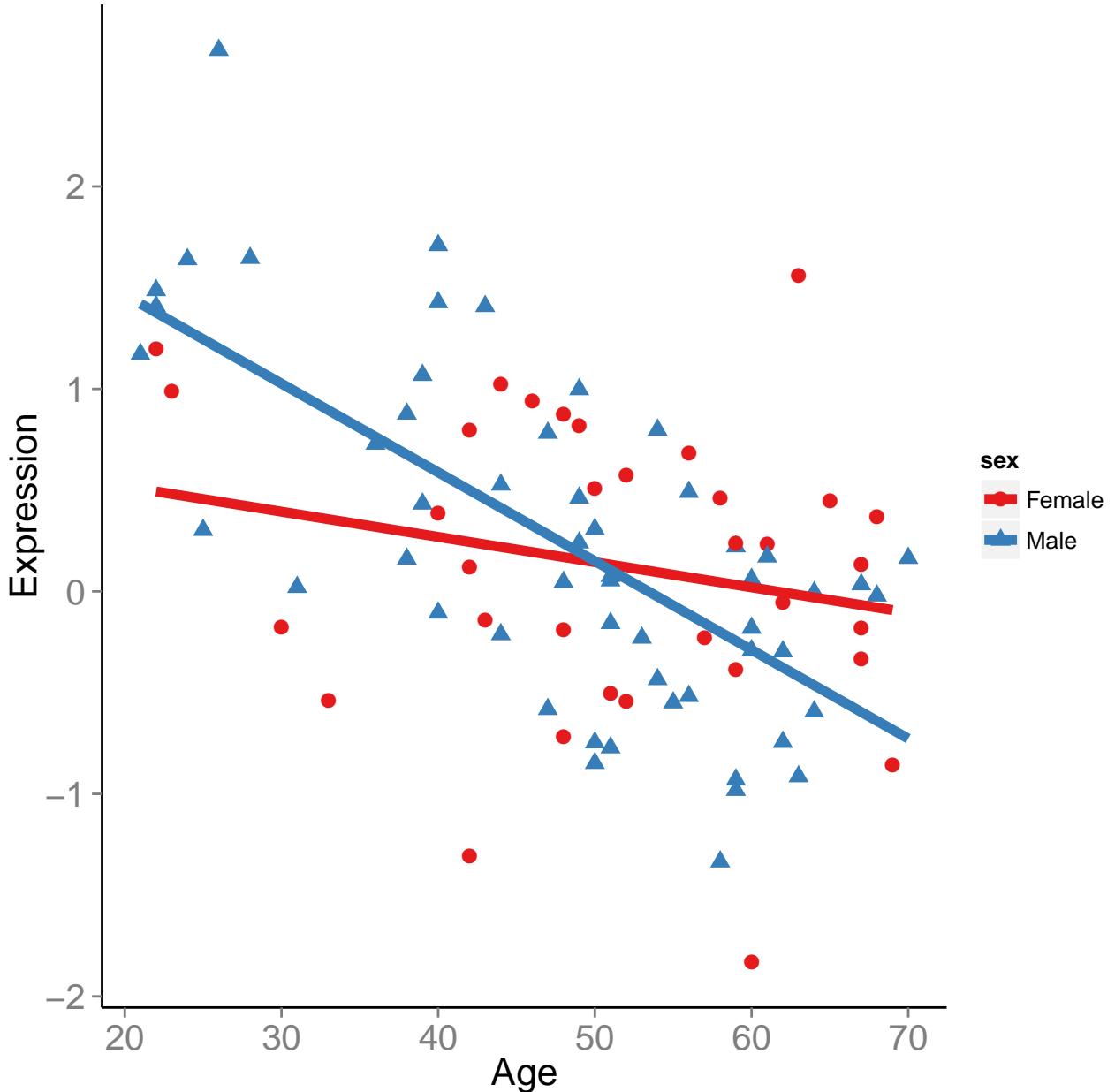
Nerve: HS1BP3 Pearson-R=0.52 Pval=2.27E-07



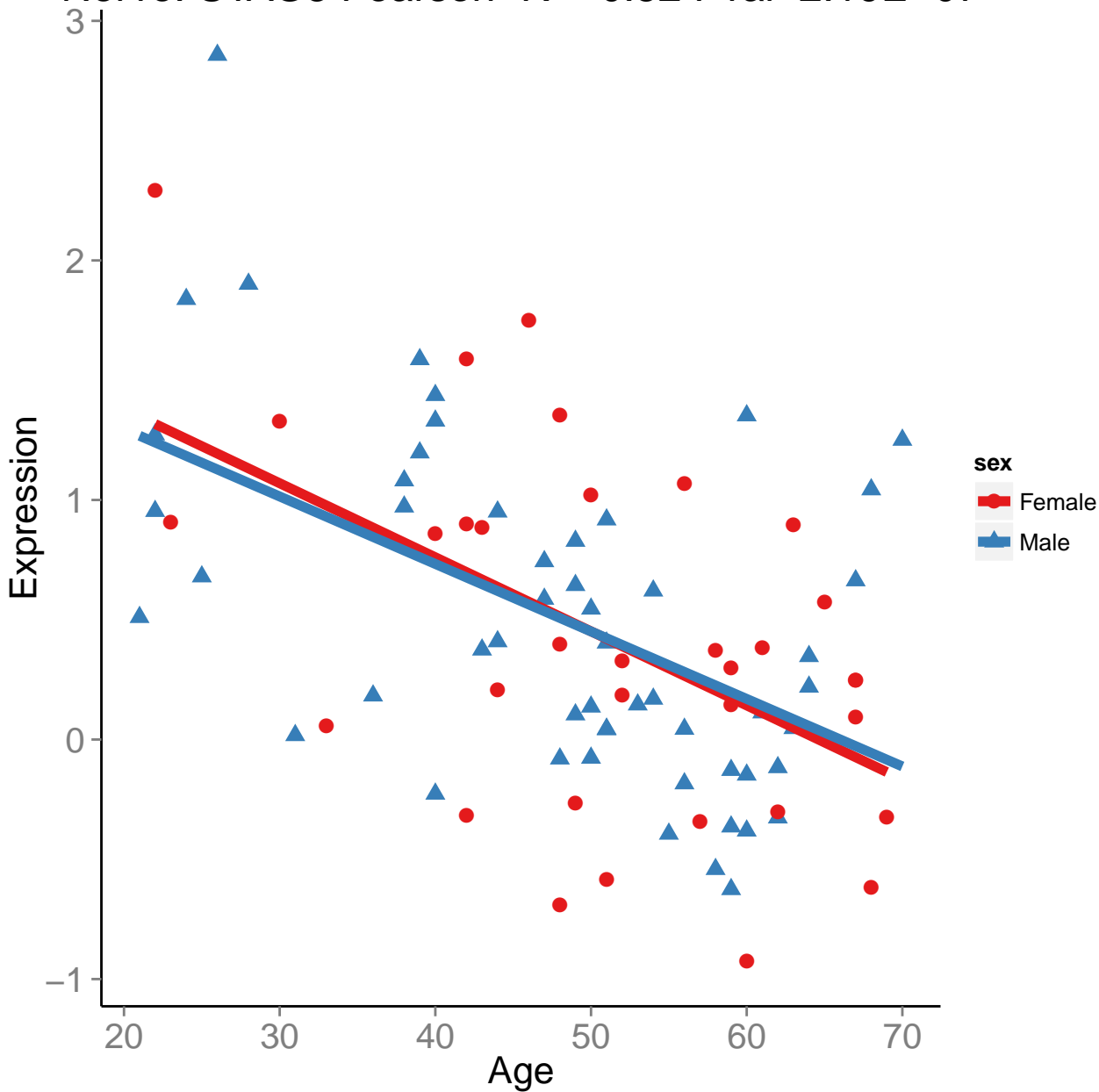
Nerve: FBXO2 Pearson-R=0.52 Pval=2.28E-07



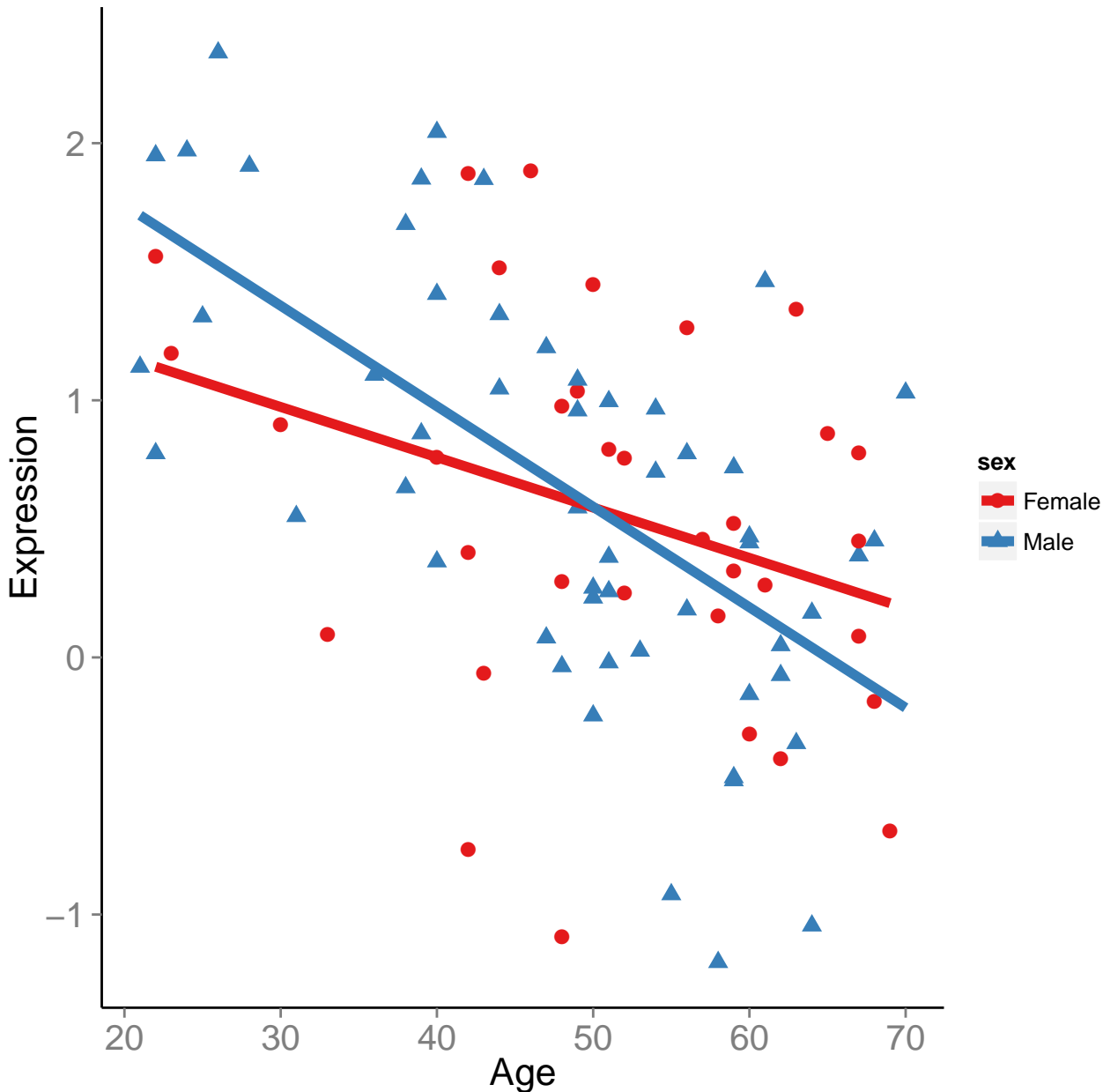
Nerve: DRP2 Pearson-R=-0.52 Pval=2.13E-07



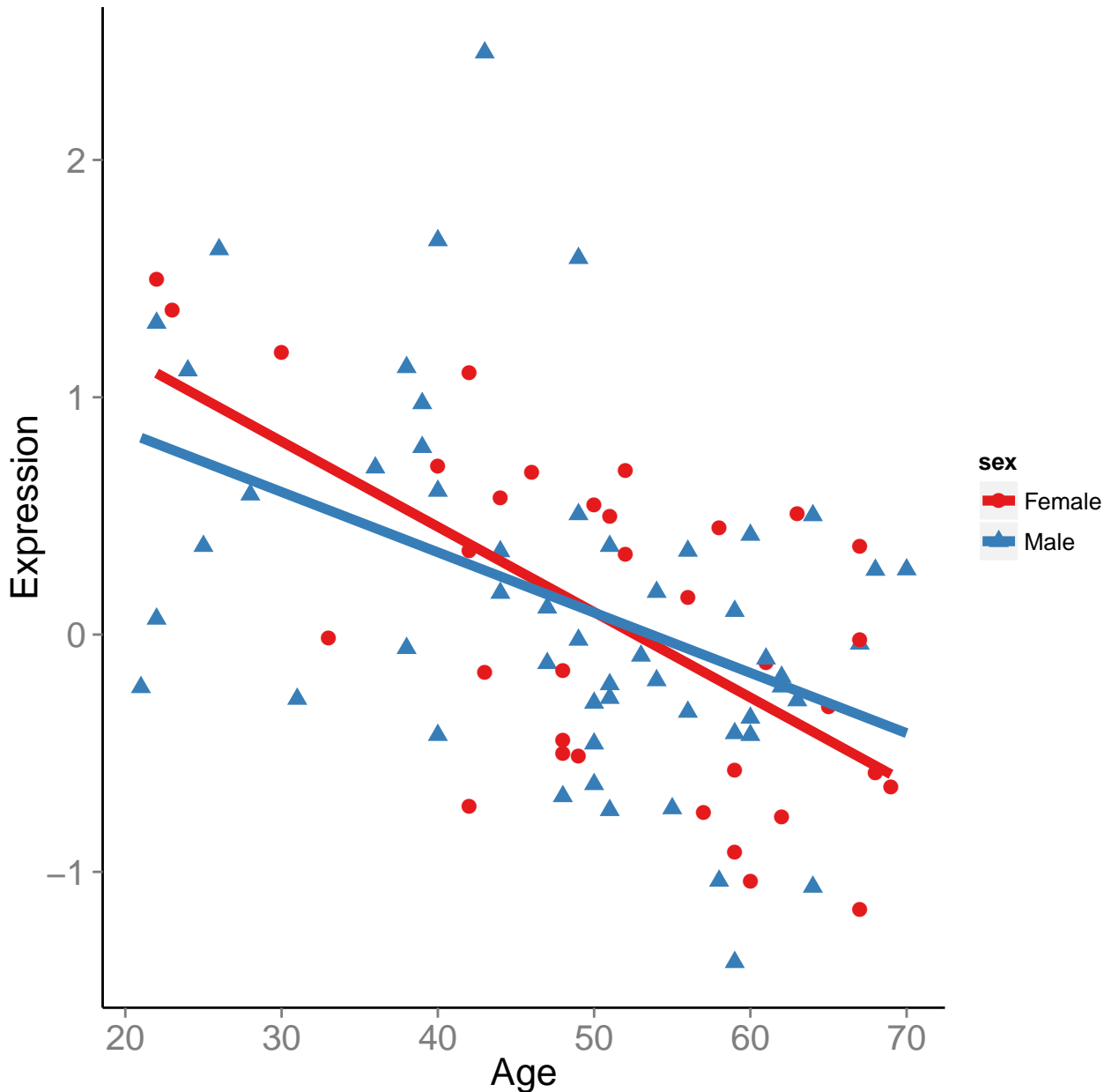
Nerve: STAG3 Pearson-R=-0.52 Pval=2.19E-07



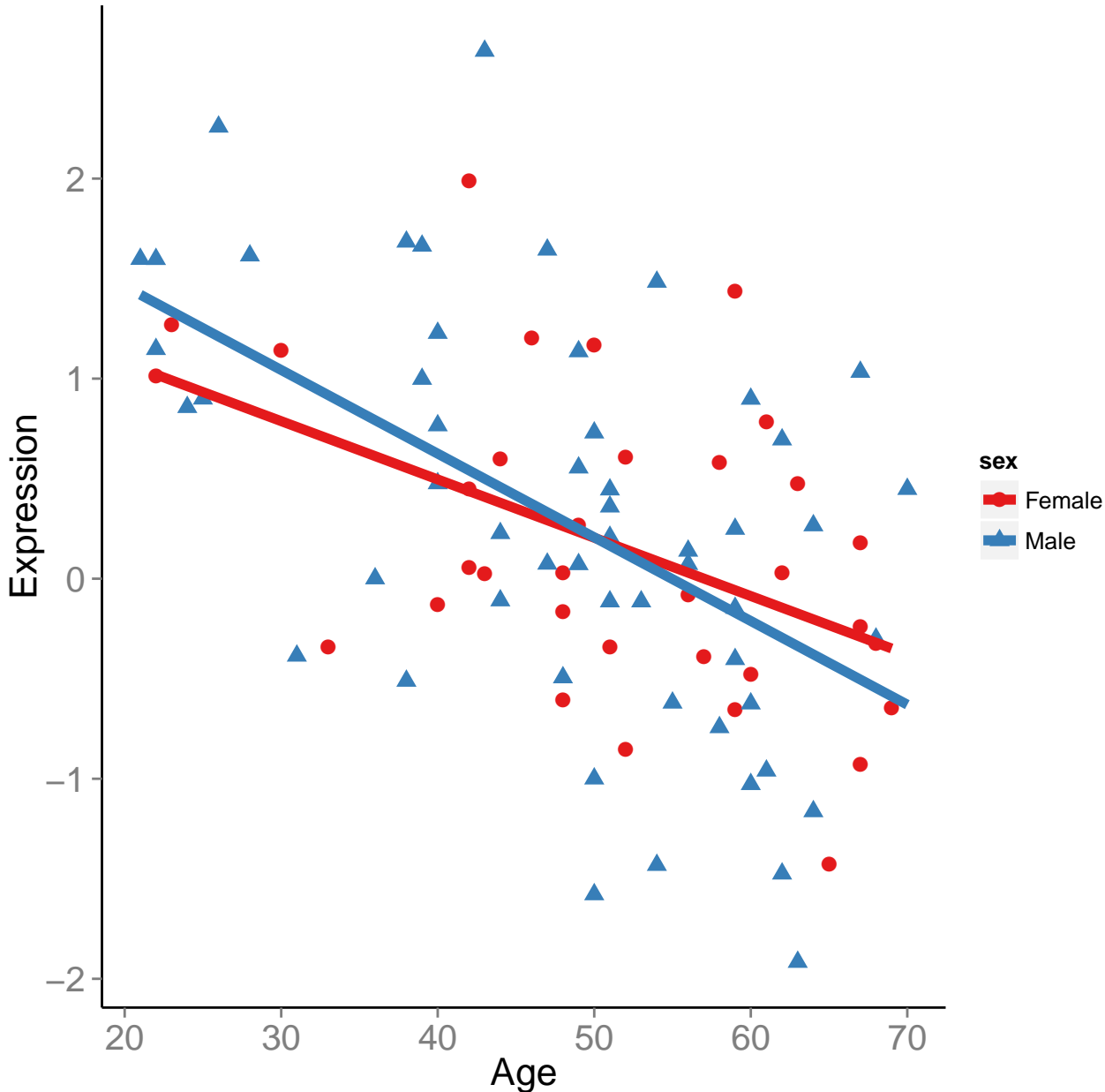
Nerve: ITFG3 Pearson-R=-0.52 Pval=1.91E-07



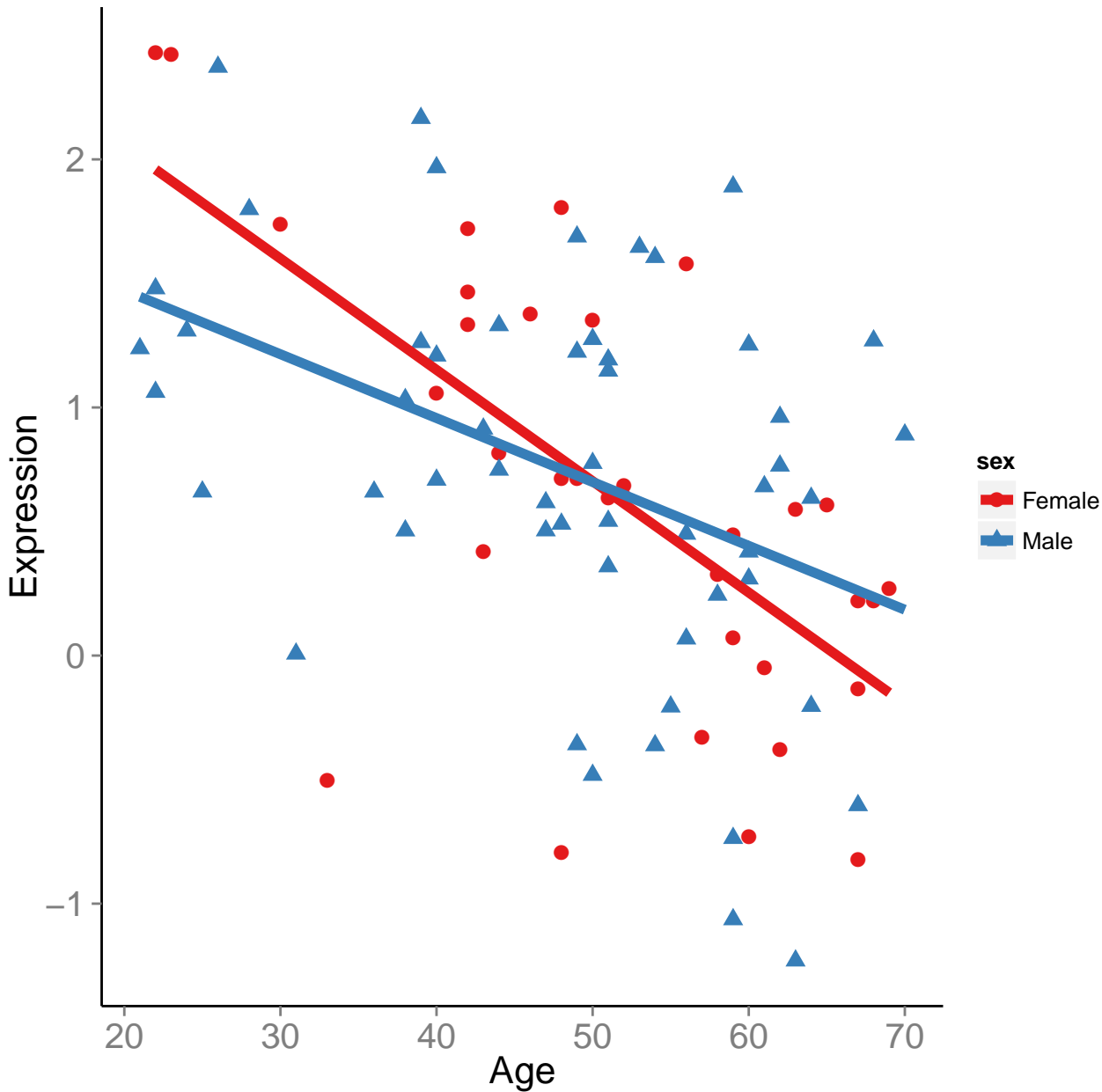
Nerve: RIMS3 Pearson-R=-0.52 Pval=2.60E-07



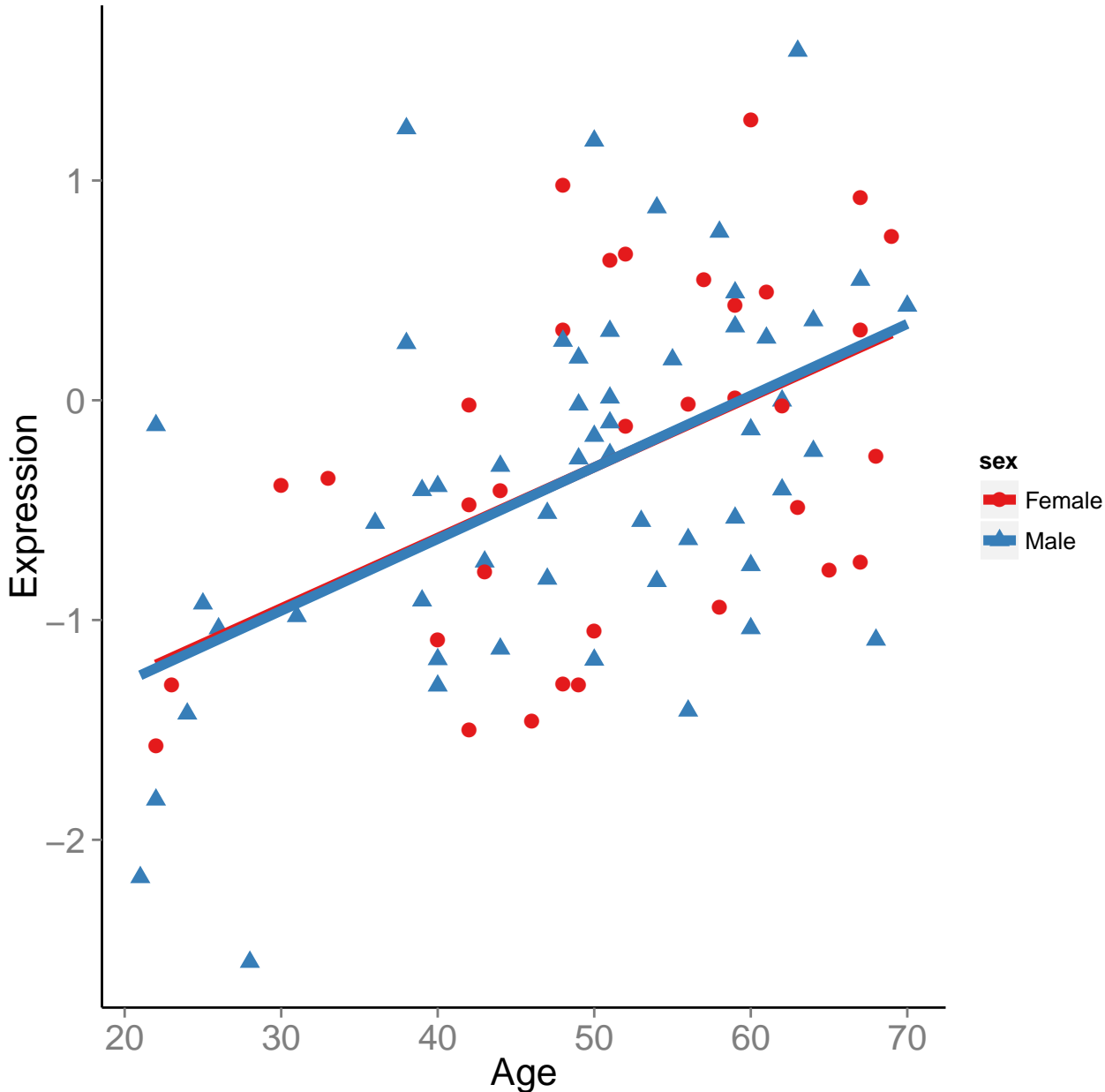
Nerve: SQRDL Pearson-R=-0.51 Pval=3.10E-07



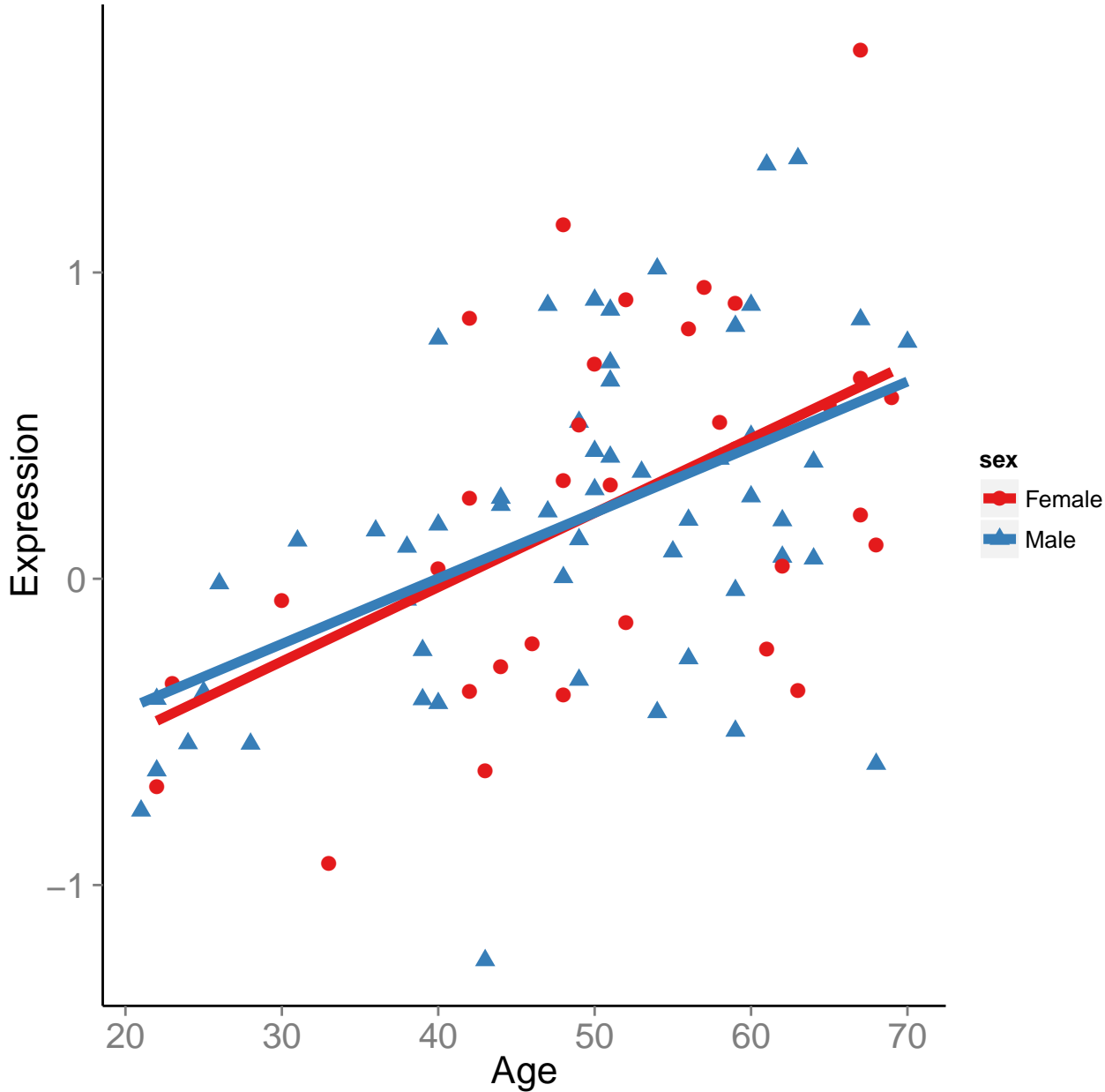
Nerve: ITGB5 Pearson-R=-0.51 Pval=3.59E-07



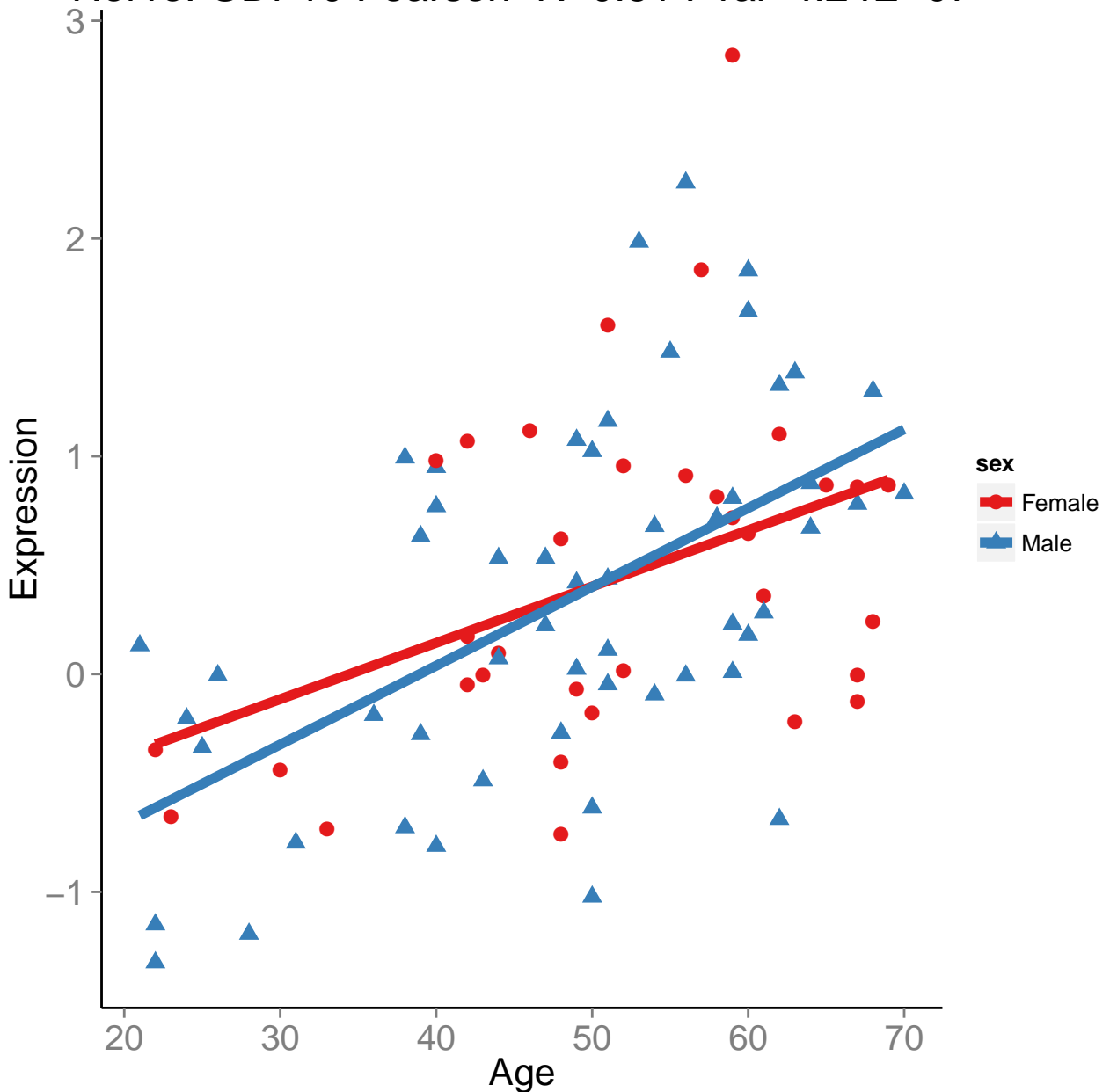
Nerve: SOX2 Pearson-R=0.51 Pval=4.00E-07



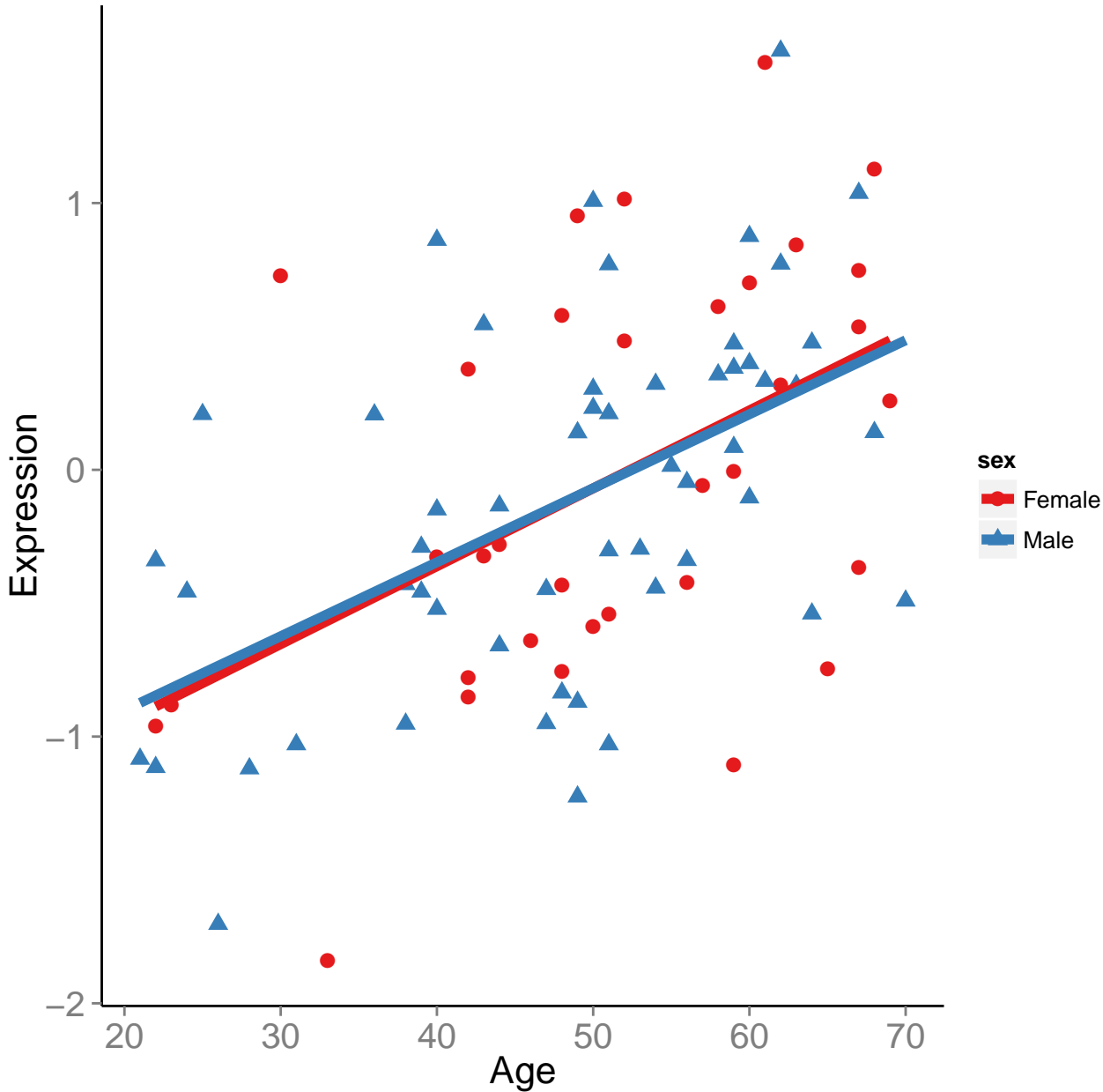
Nerve: BIN1 Pearson-R=0.51 Pval=4.18E-07



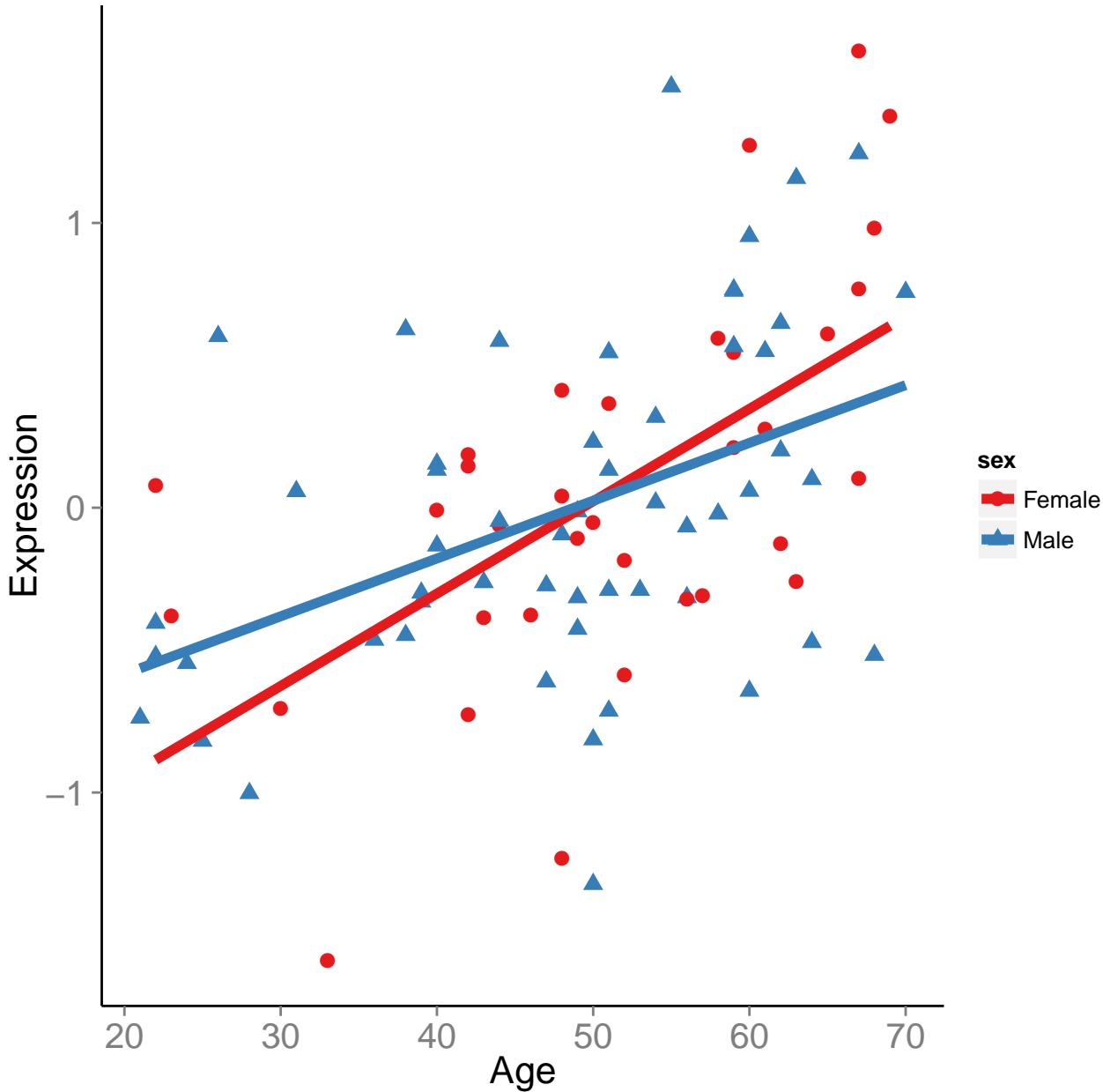
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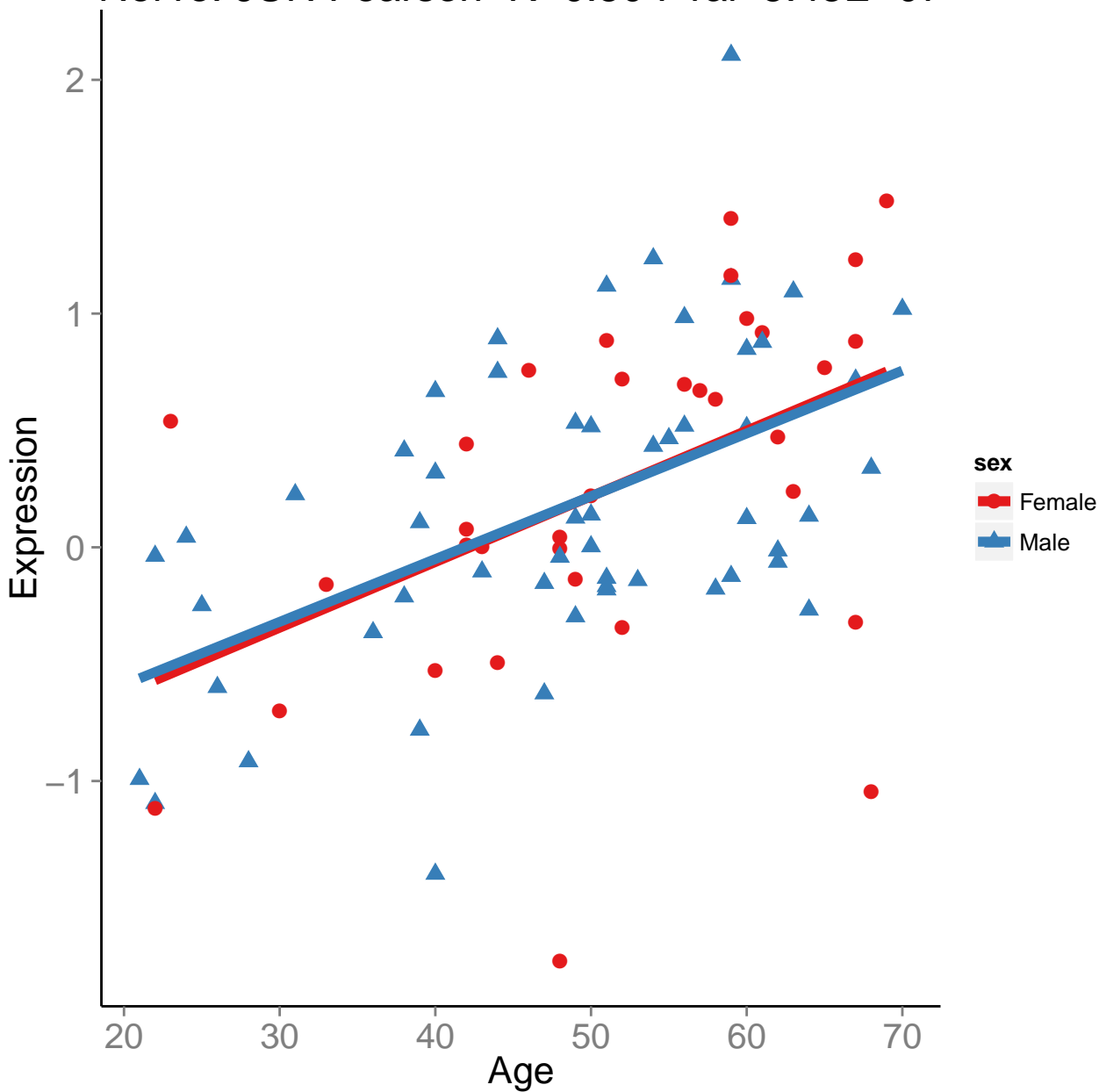
Nerve: SCN1B Pearson-R=0.51 Pval=5.22E-07



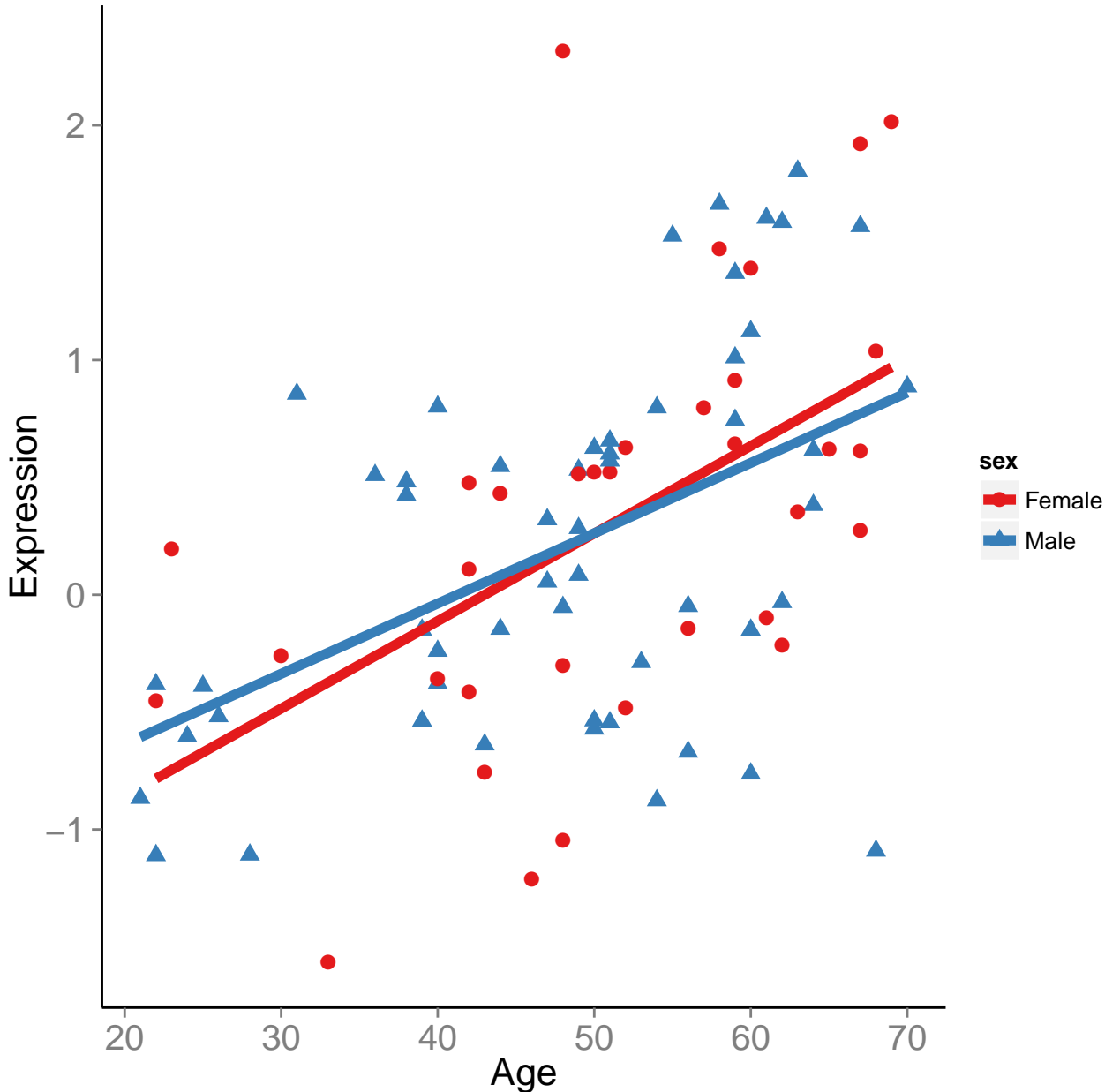
Nerve: SLC22A17 Pearson-R=0.51 Pval=5.14E-07



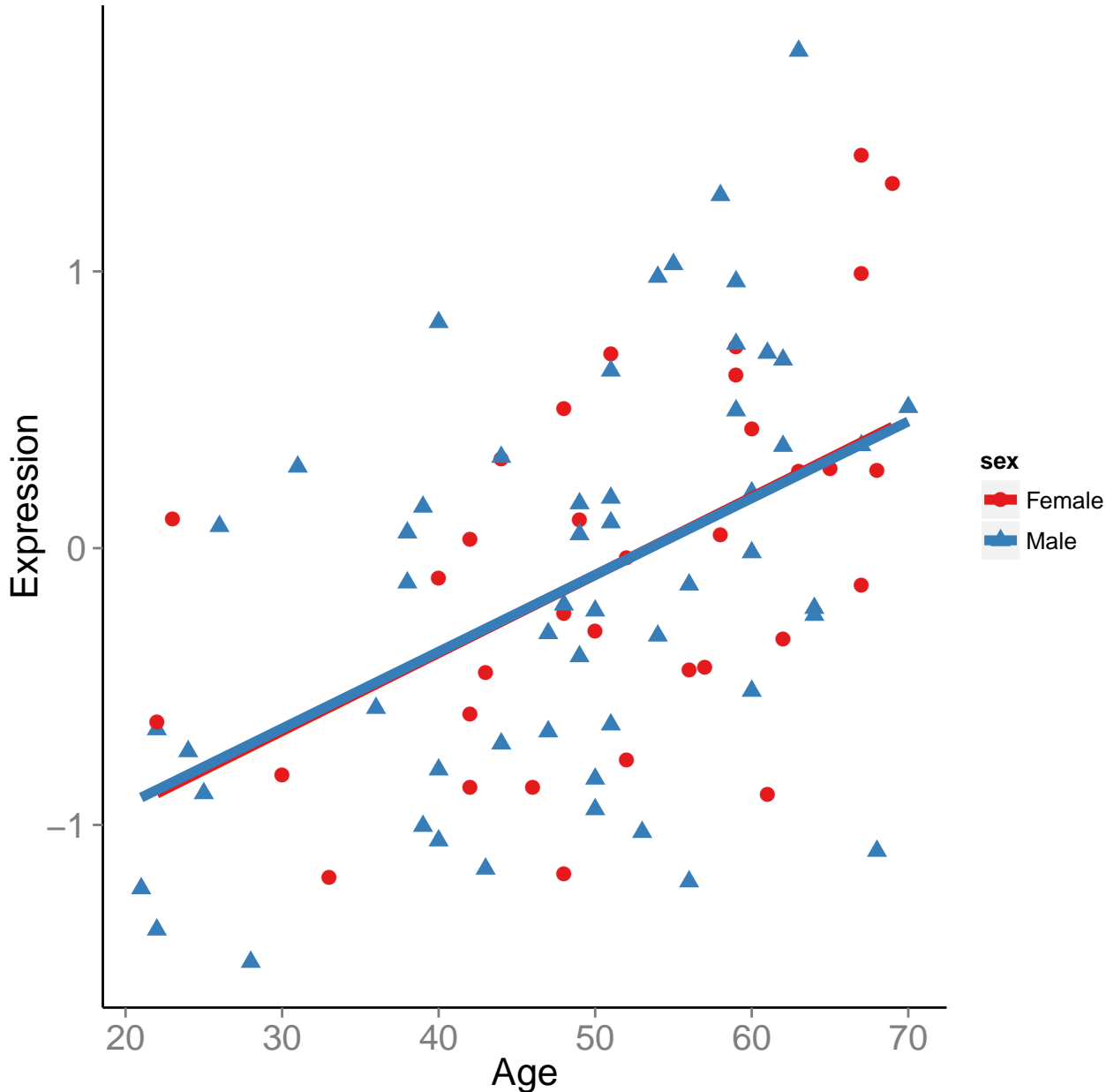
Nerve: JUN Pearson-R=0.50 Pval=5.43E-07



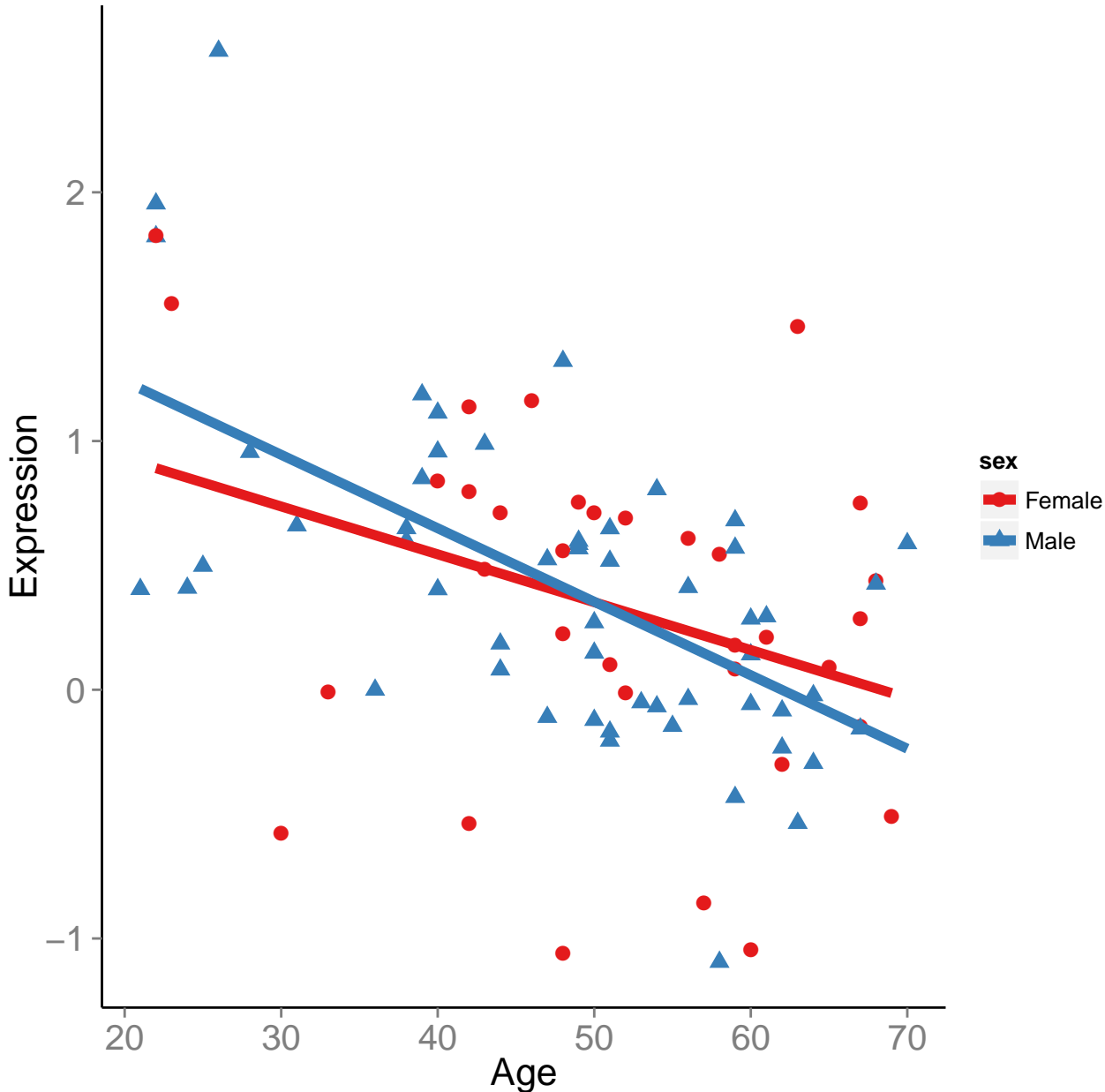
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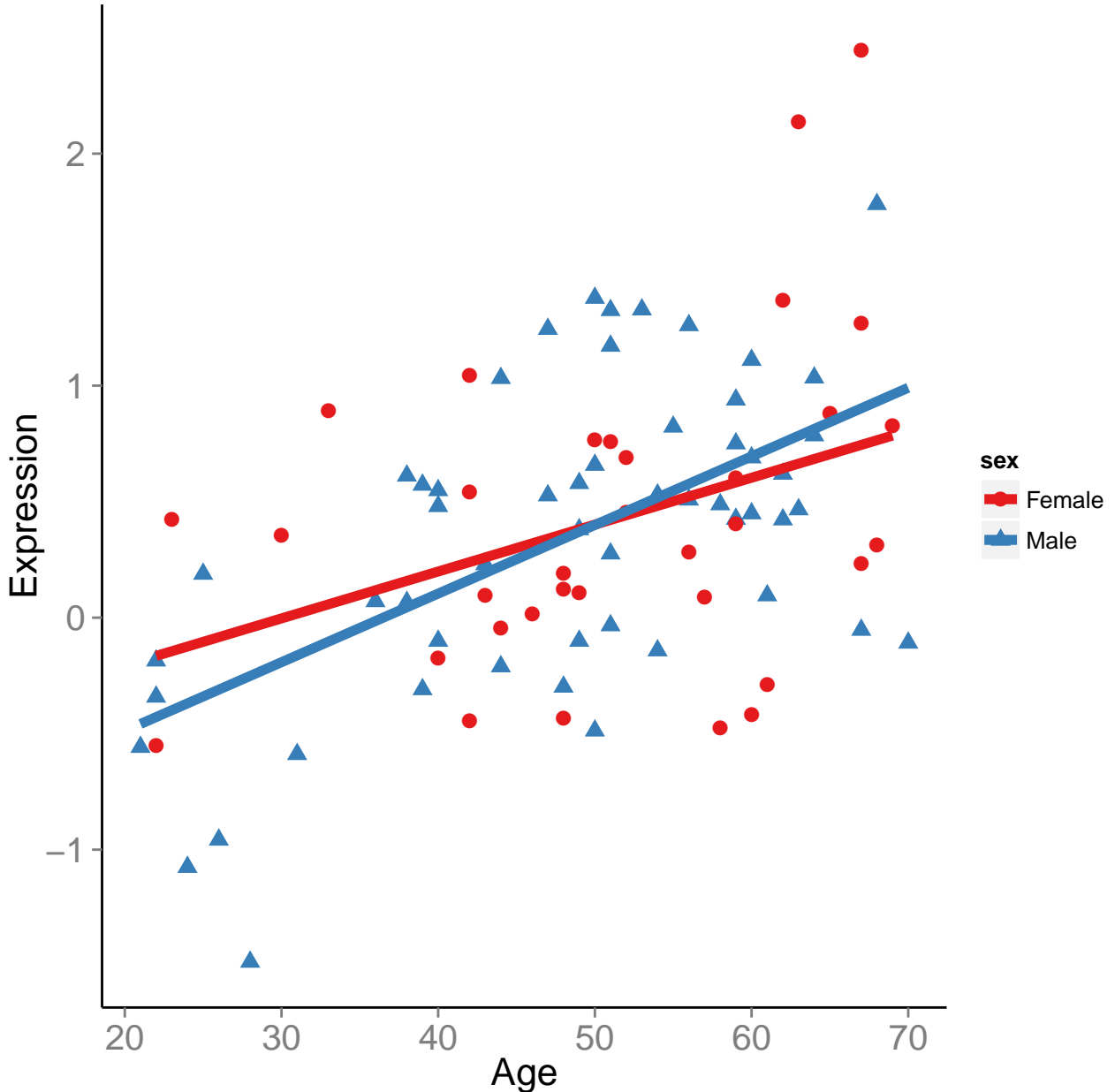
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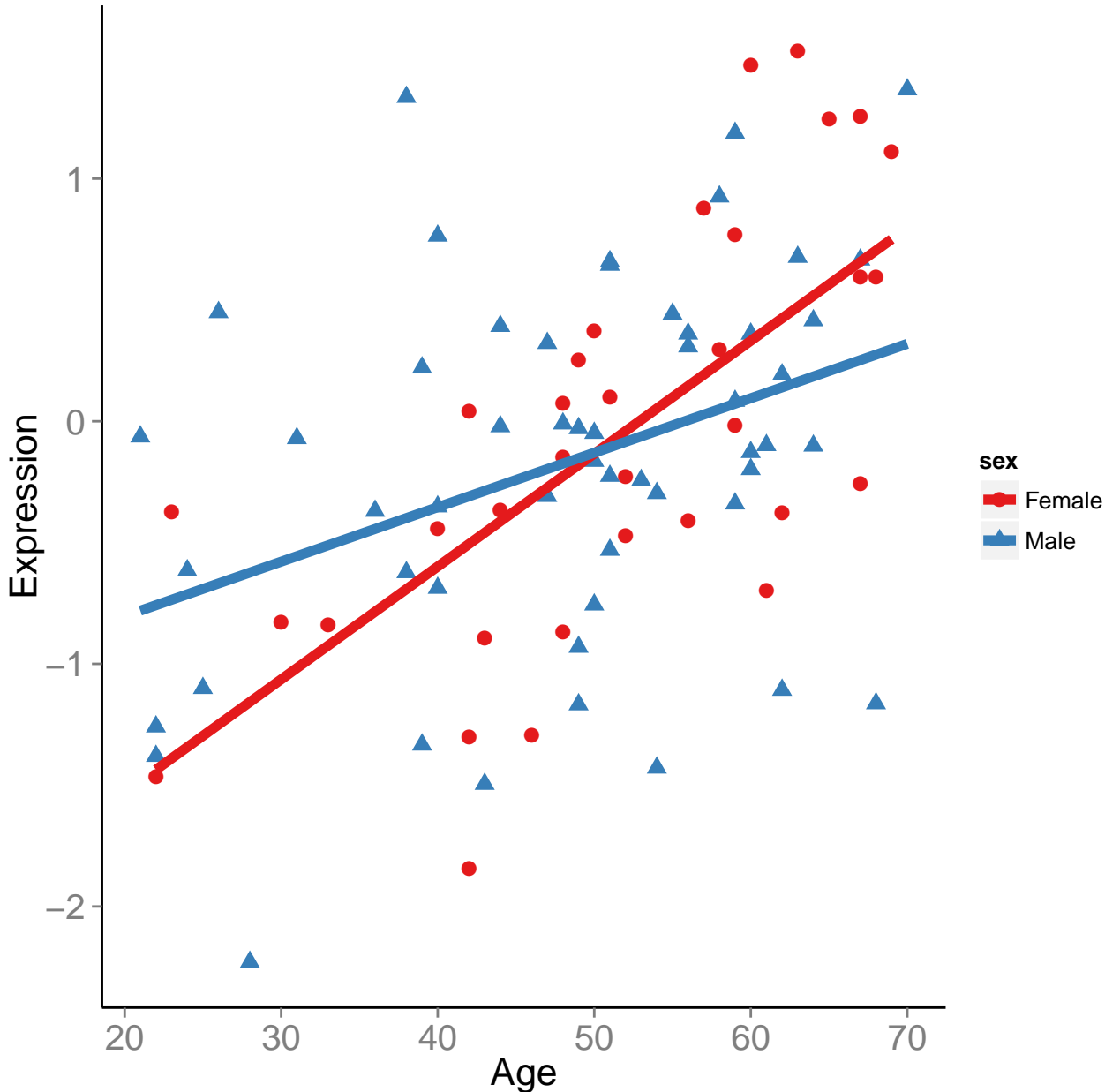
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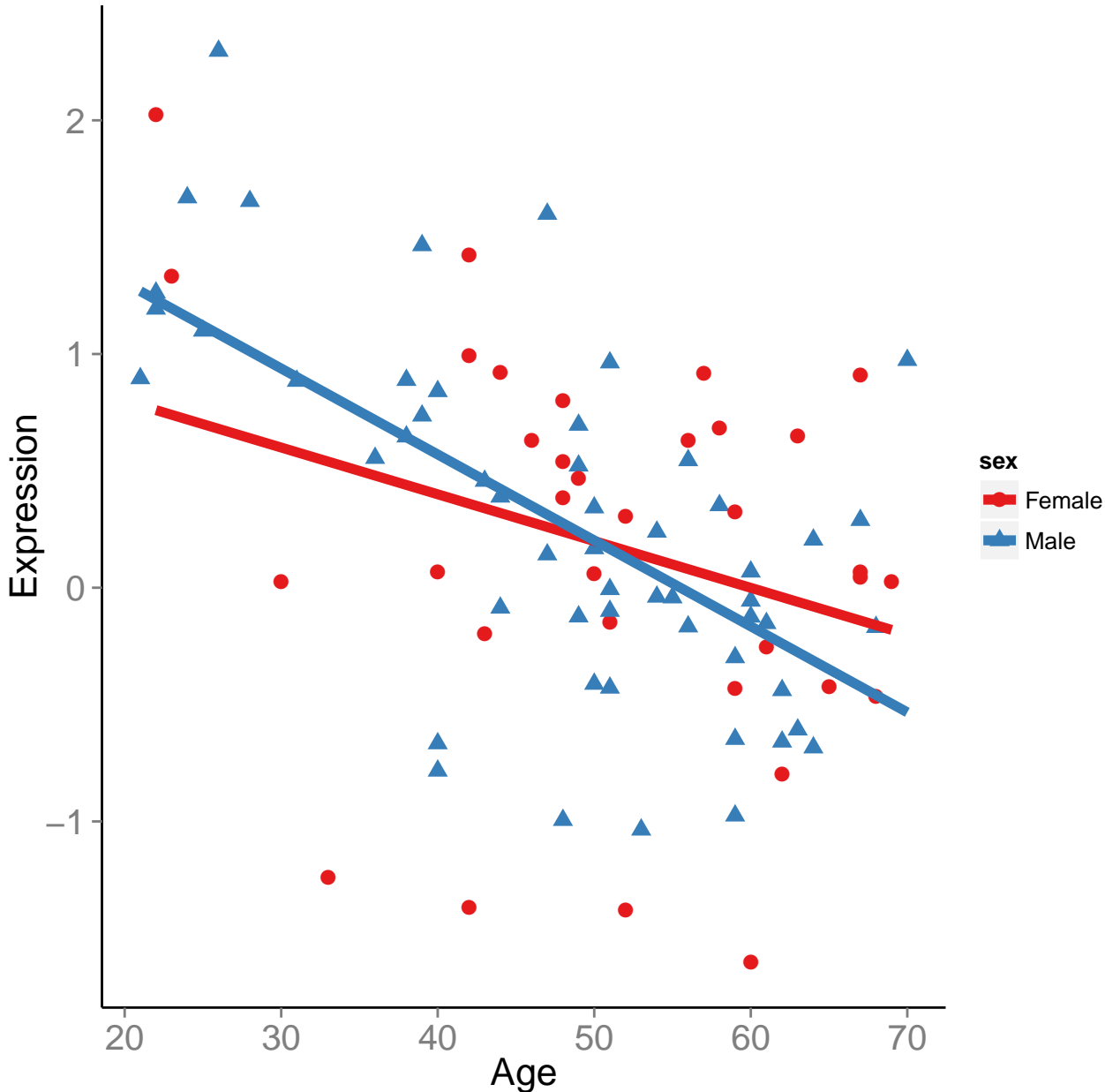
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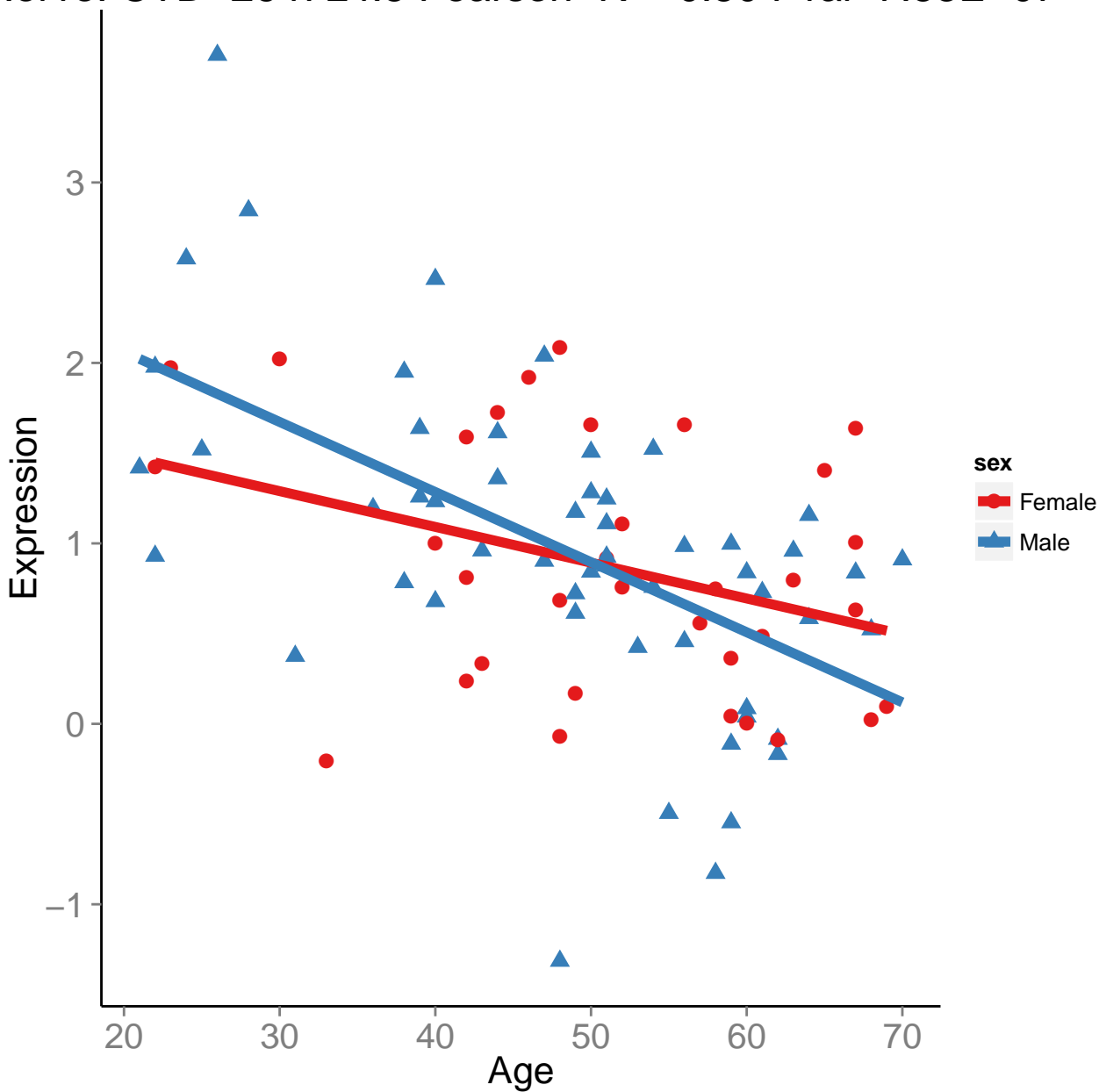
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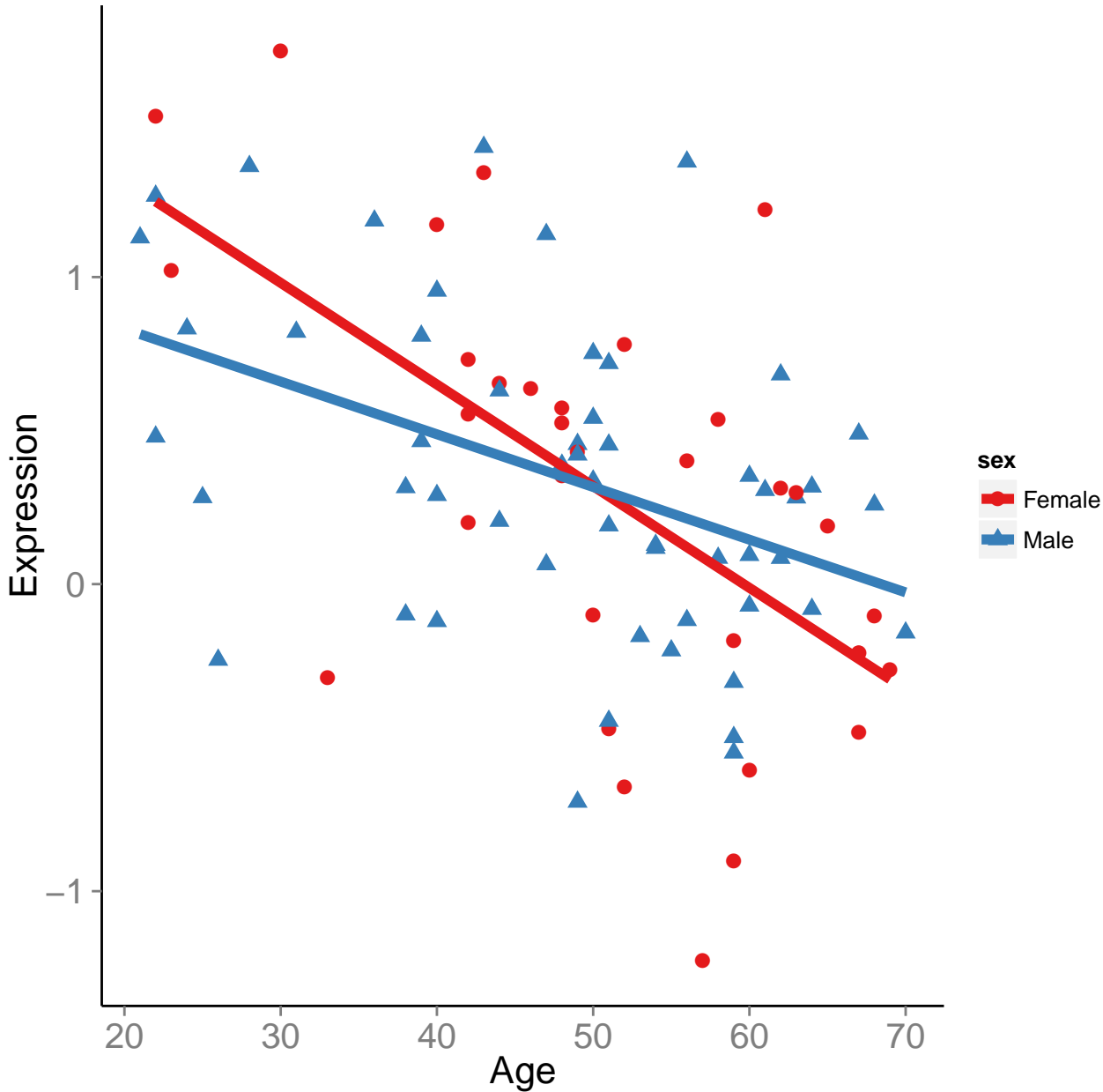
Nerve: GRB14 Pearson-R=-0.50 Pval=7.46E-07



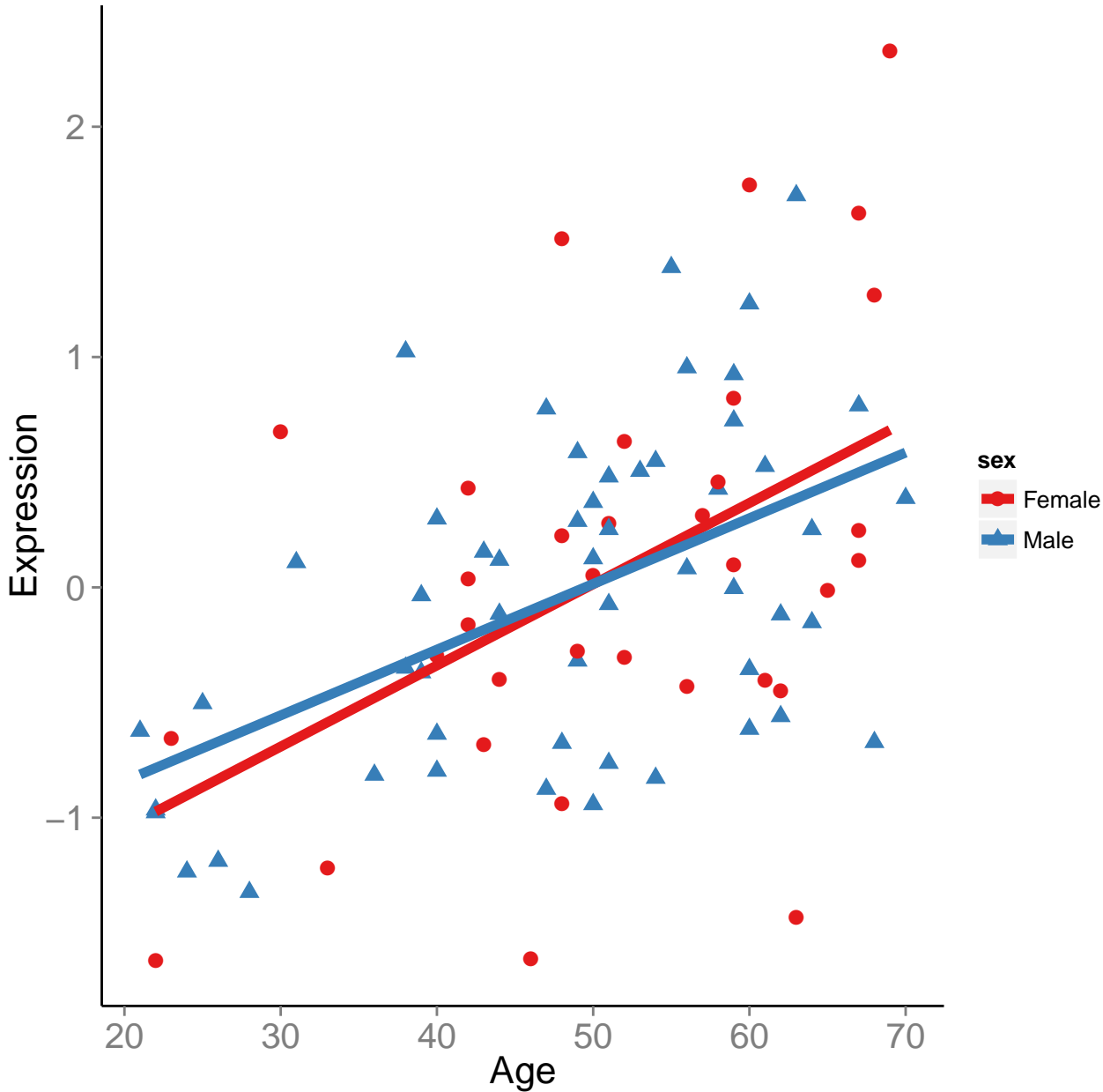
Nerve: CTD-2647L4.5 Pearson-R=-0.50 Pval=7.53E-07



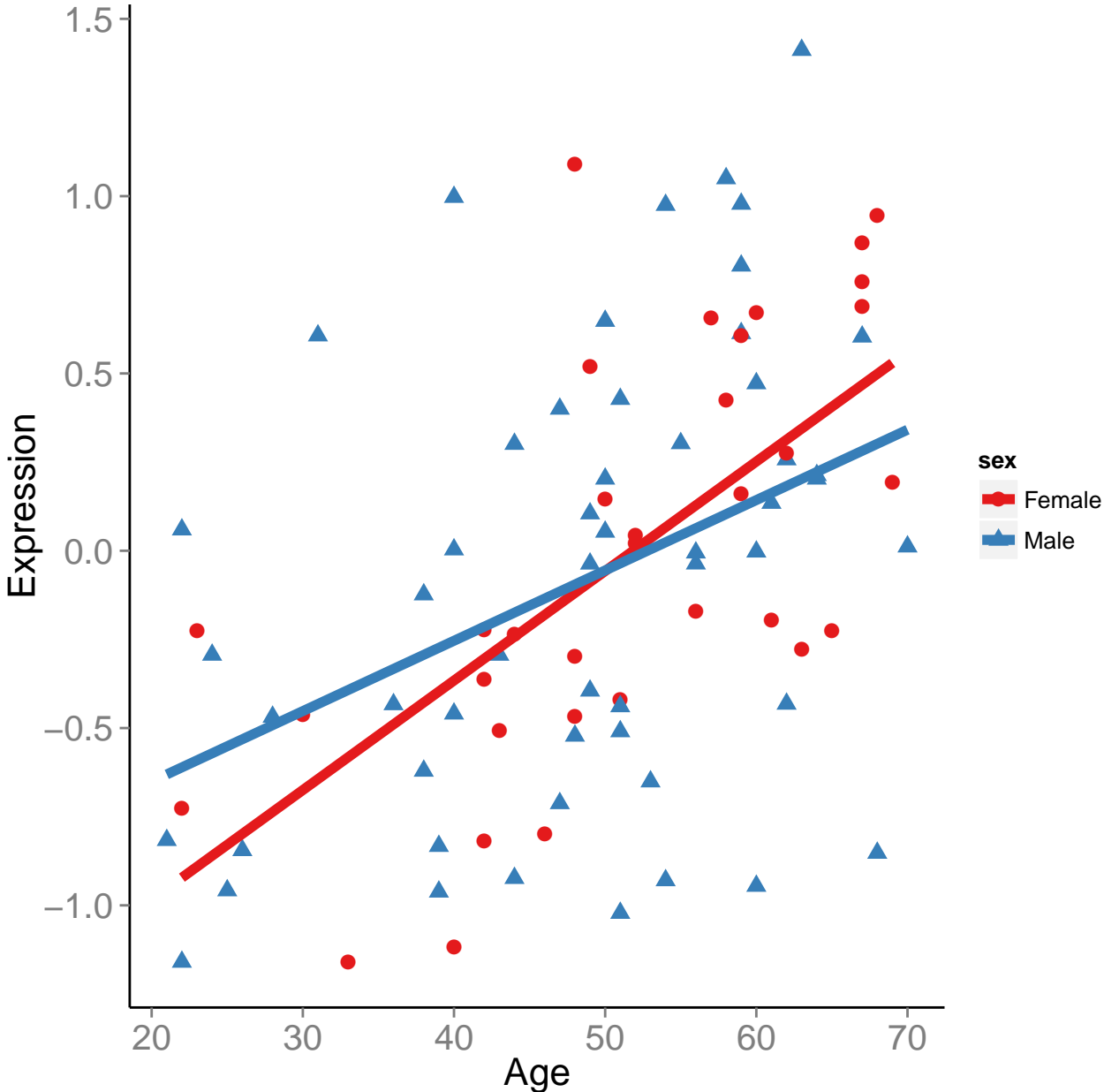
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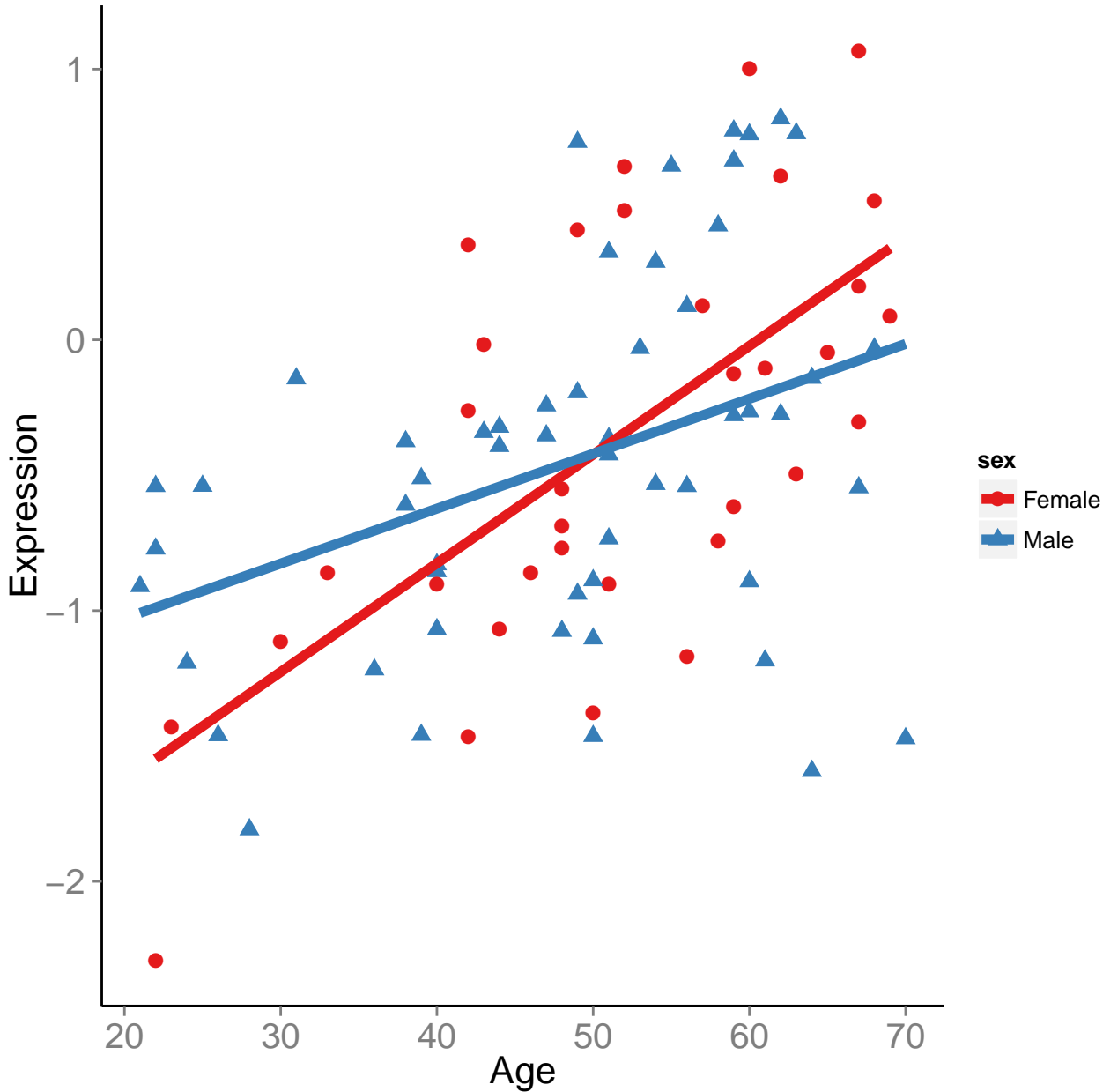
Nerve: CORO2B Pearson-R=0.49 Pval=9.56E-07



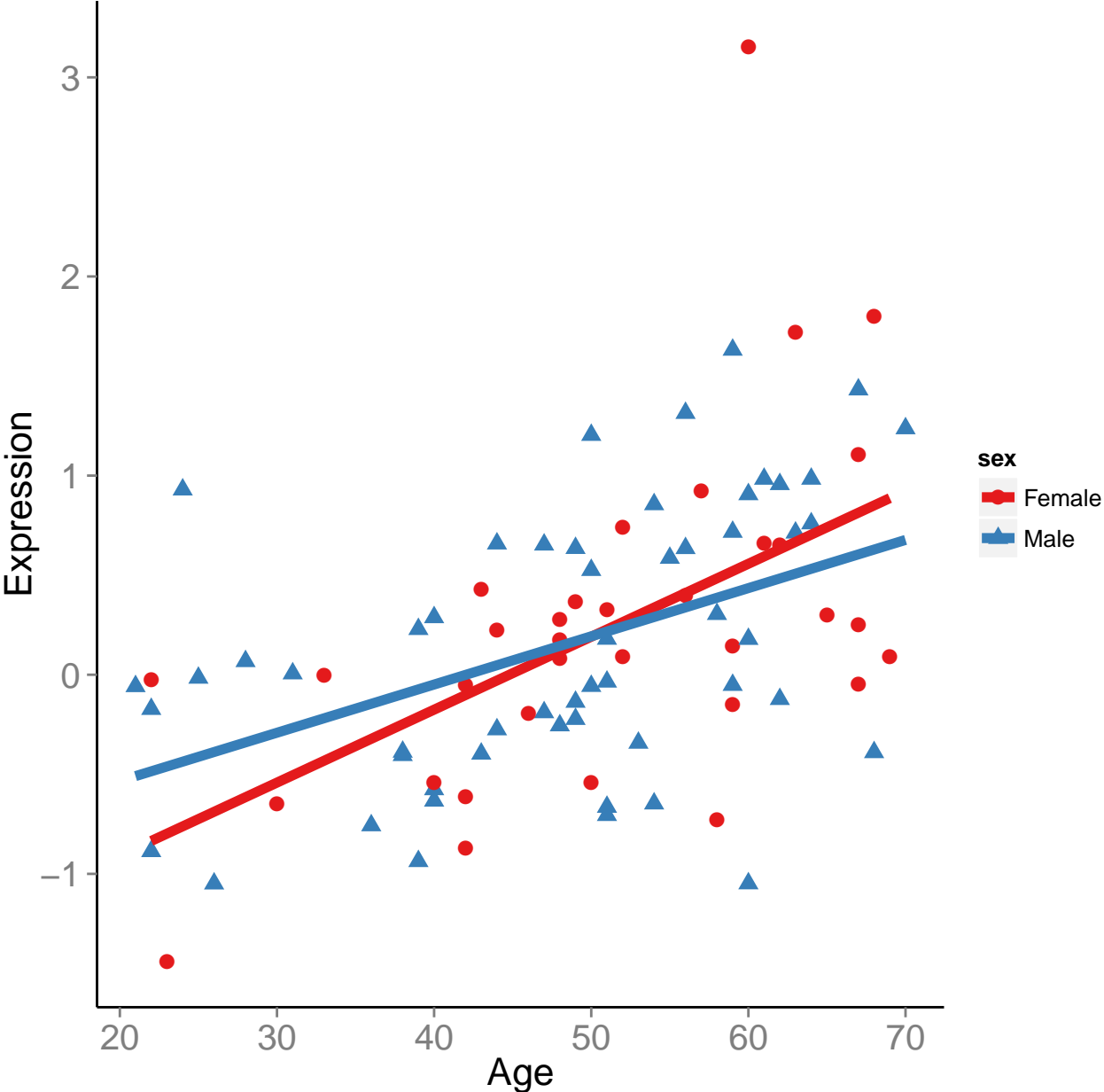
Nerve: LRRCC1 Pearson-R=0.49 Pval=9.54E-07



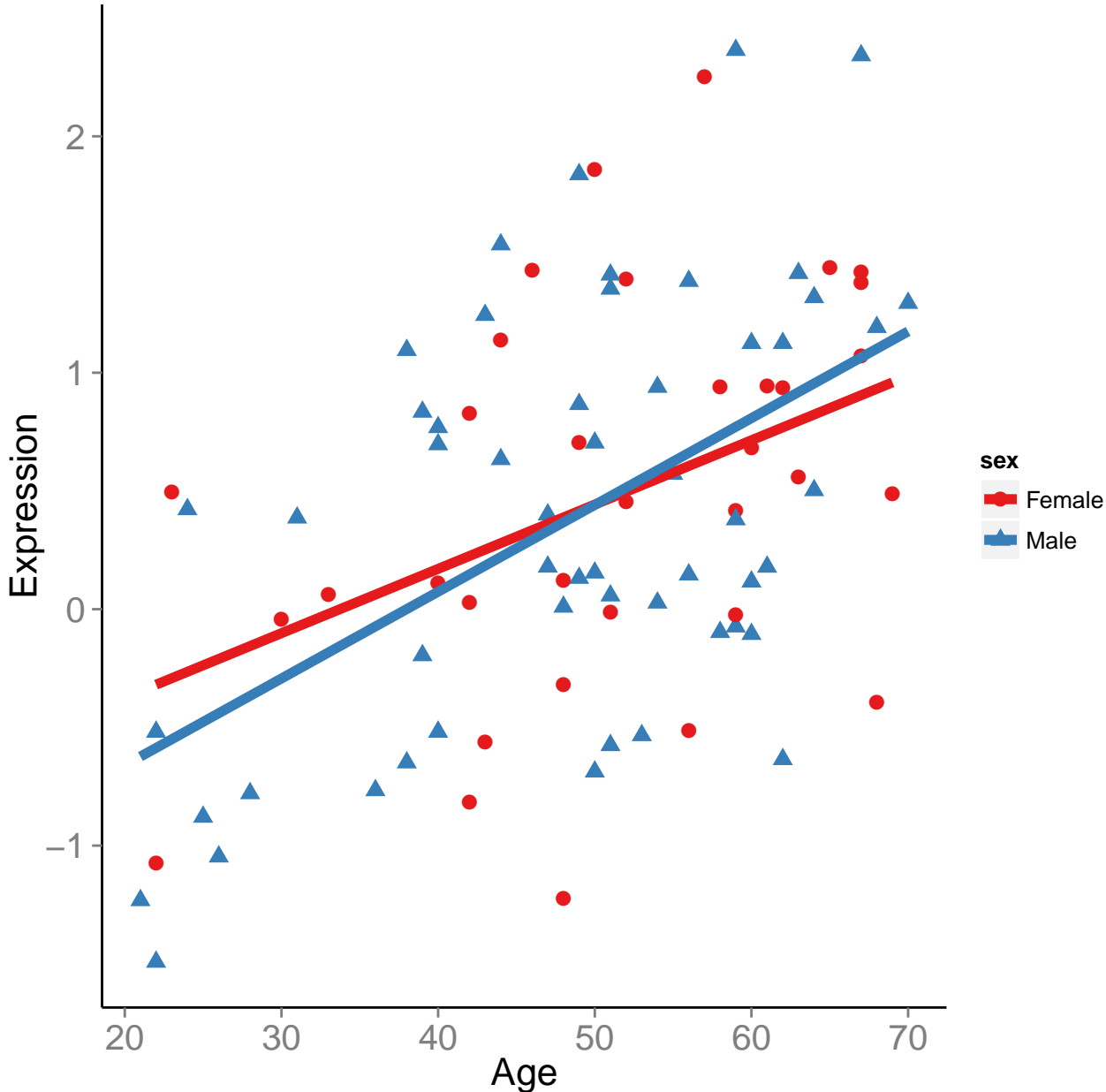
Nerve: BBS7 Pearson-R=0.49 Pval=1.02E-06



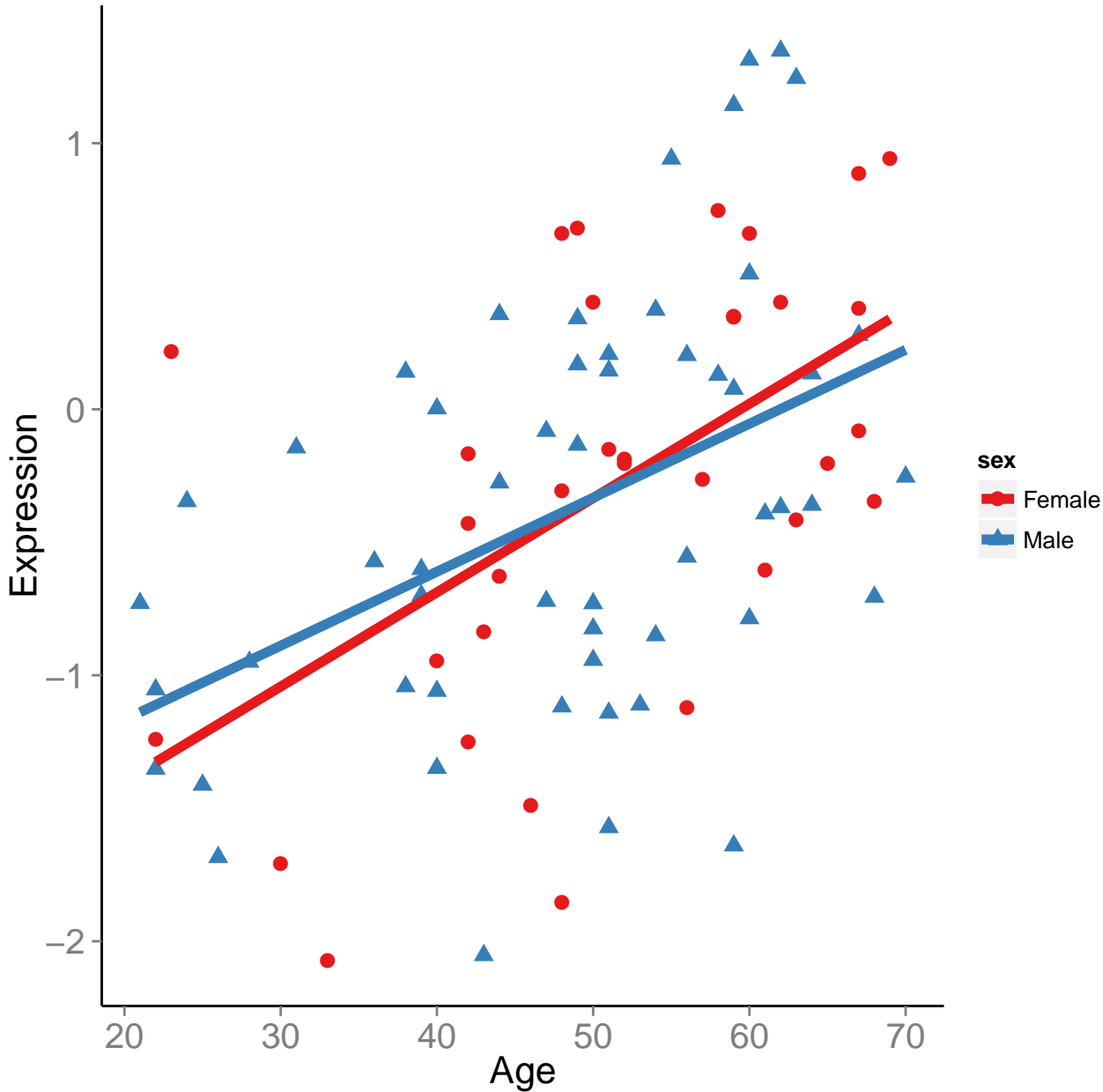
Nerve: FDXR Pearson-R=0.49 Pval=1.14E-06



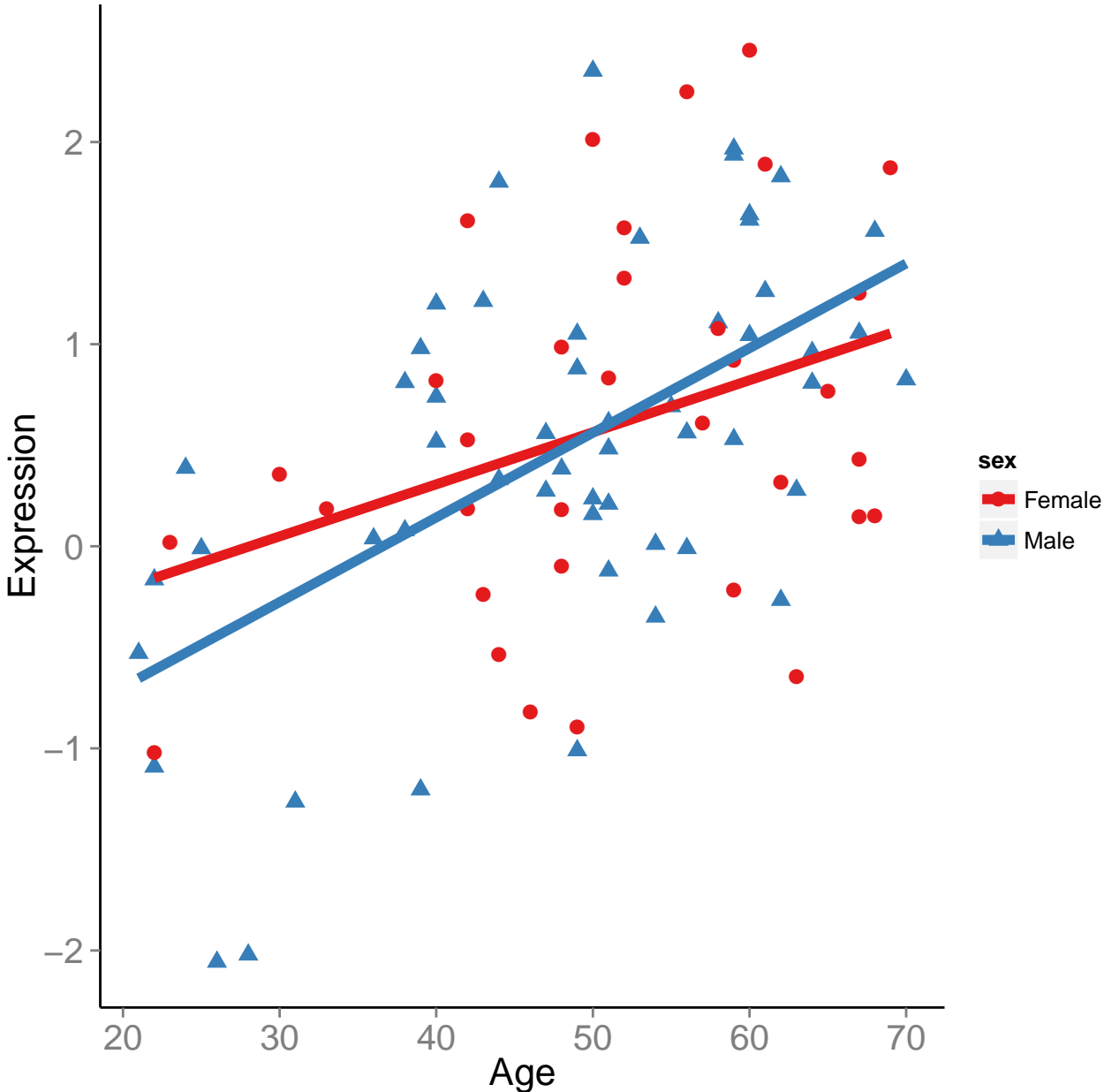
Nerve: HOXD10 Pearson-R=0.49 Pval=1.21E-06



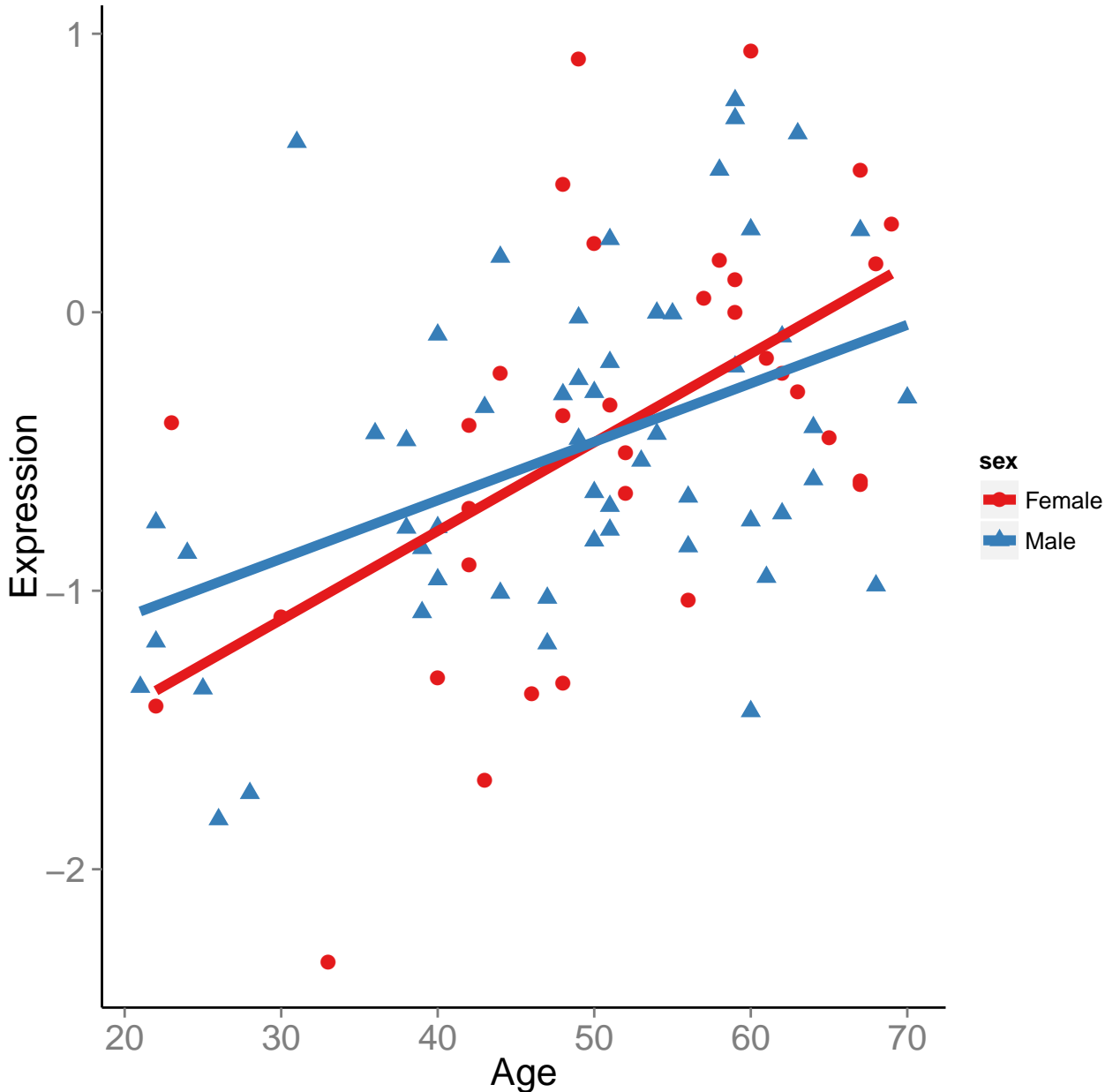
Nerve: CNTN2 Pearson-R=0.49 Pval=1.22E-06



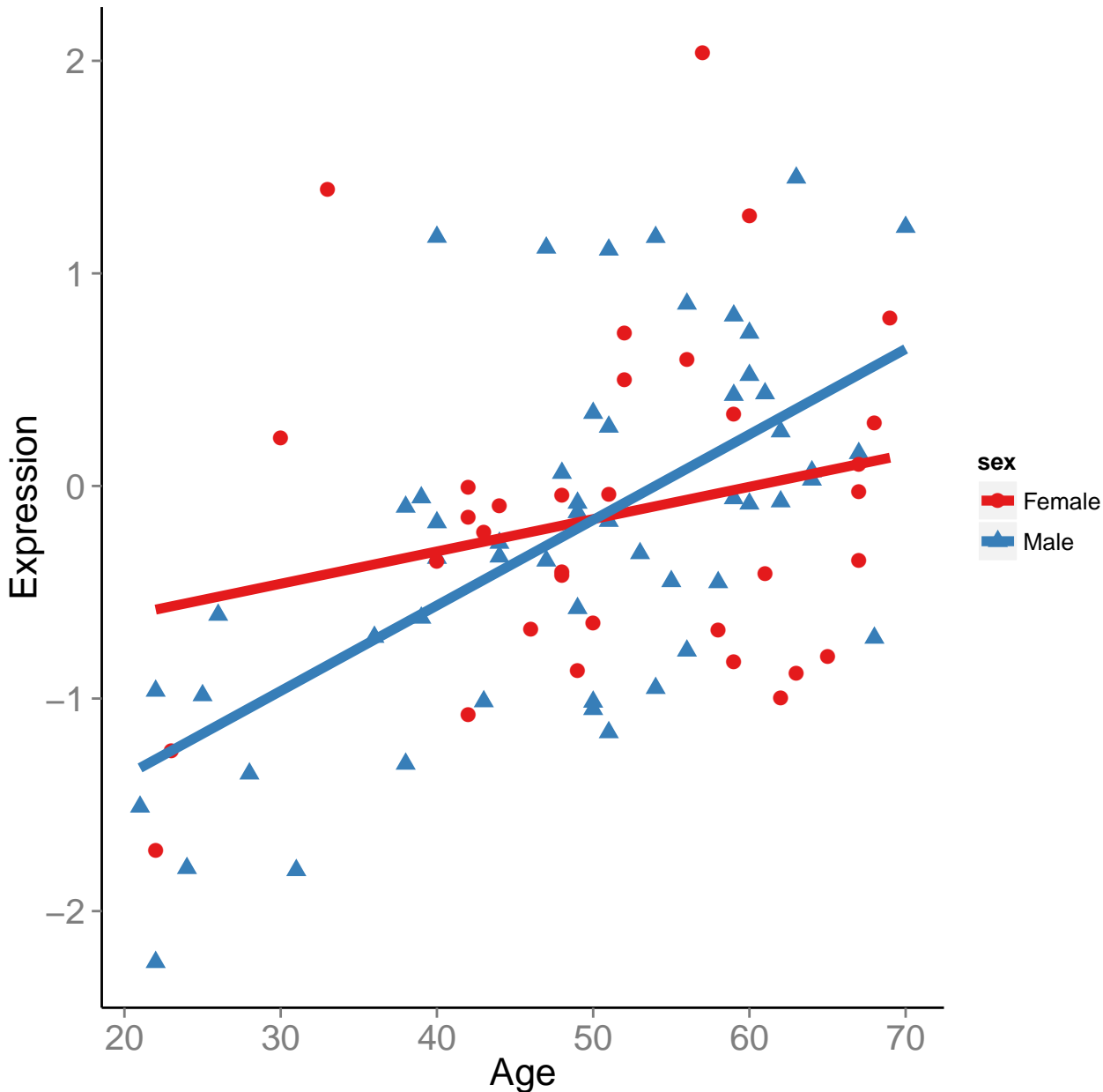
Nerve: F2R Pearson-R=0.49 Pval=1.22E-06



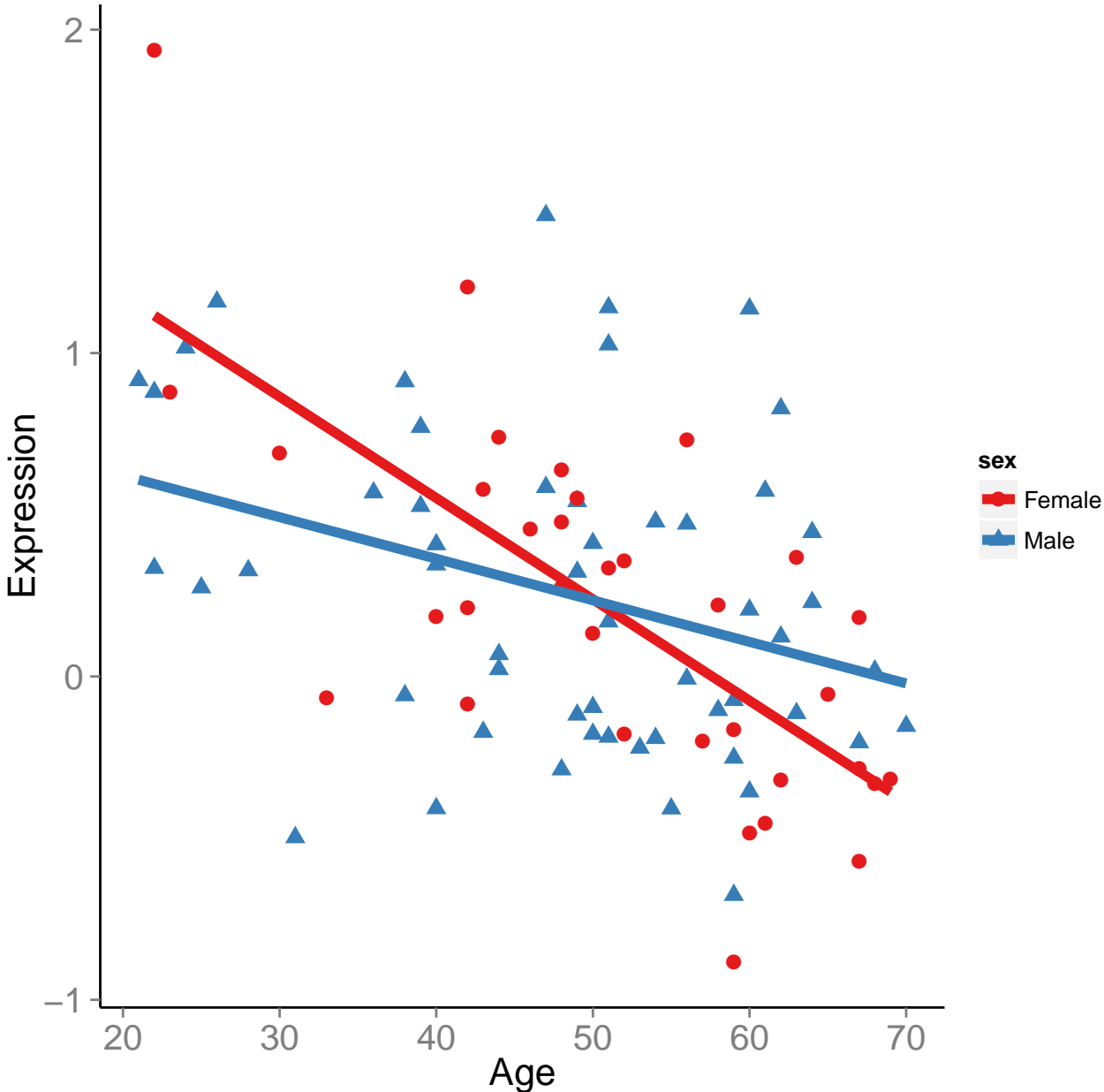
Nerve: NCAM2 Pearson-R=0.49 Pval=1.41E-06



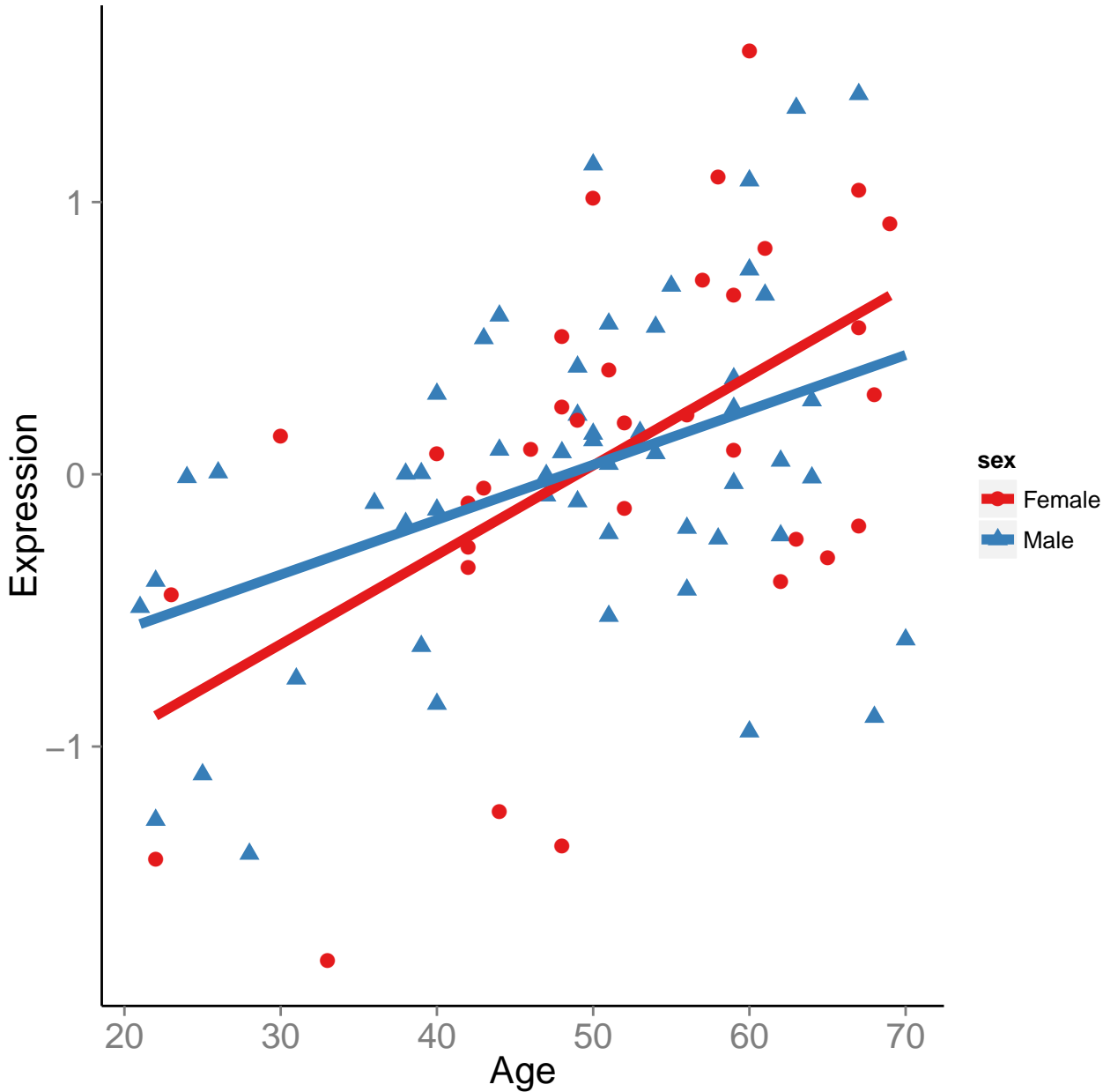
Nerve: ARHGEF4 Pearson-R=0.49 Pval=1.66E-06



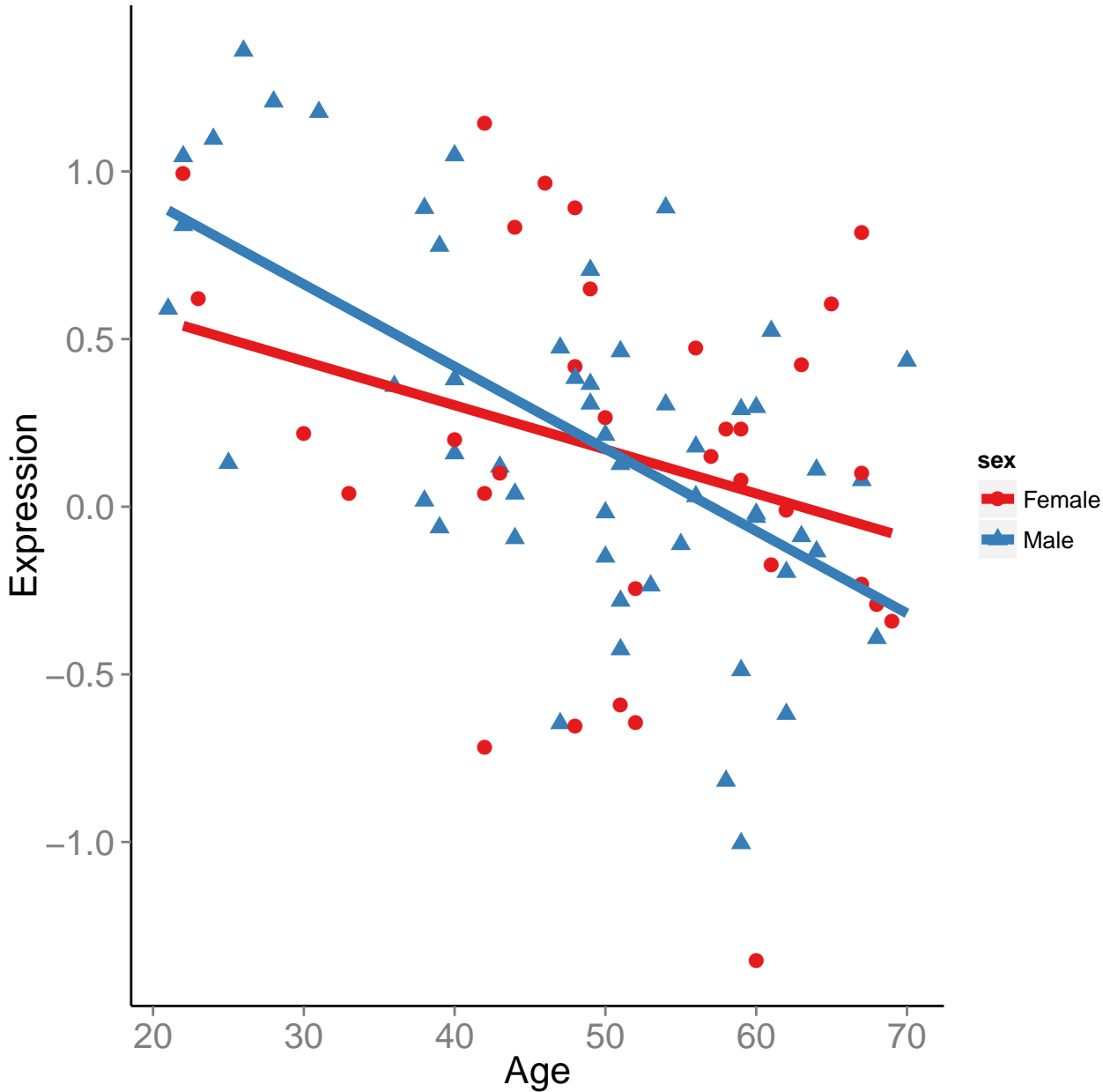
Nerve: NADKD1 Pearson-R=-0.48 Pval=1.71E-06



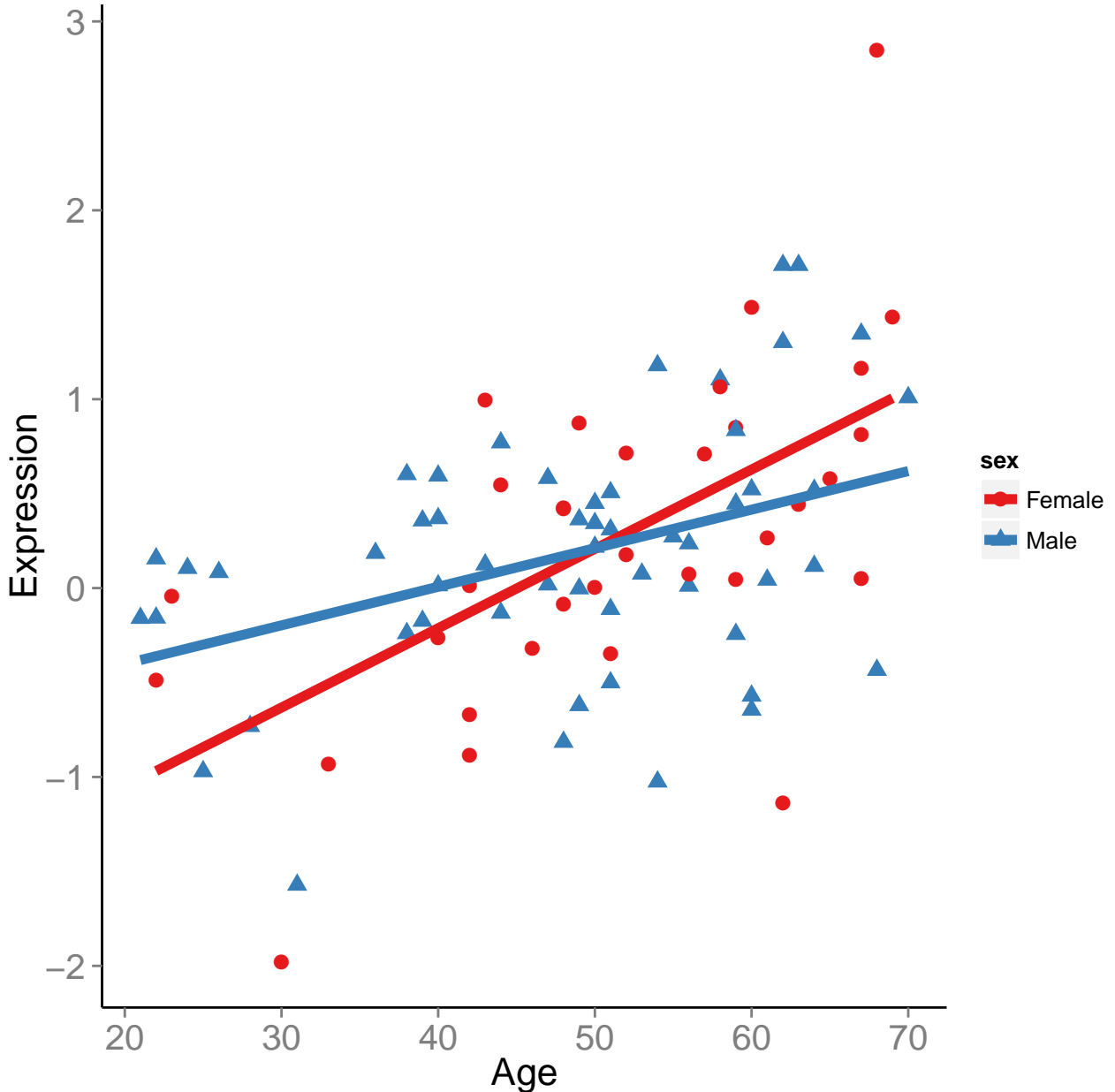
Nerve: WIPF1 Pearson-R=0.48 Pval=1.83E-06



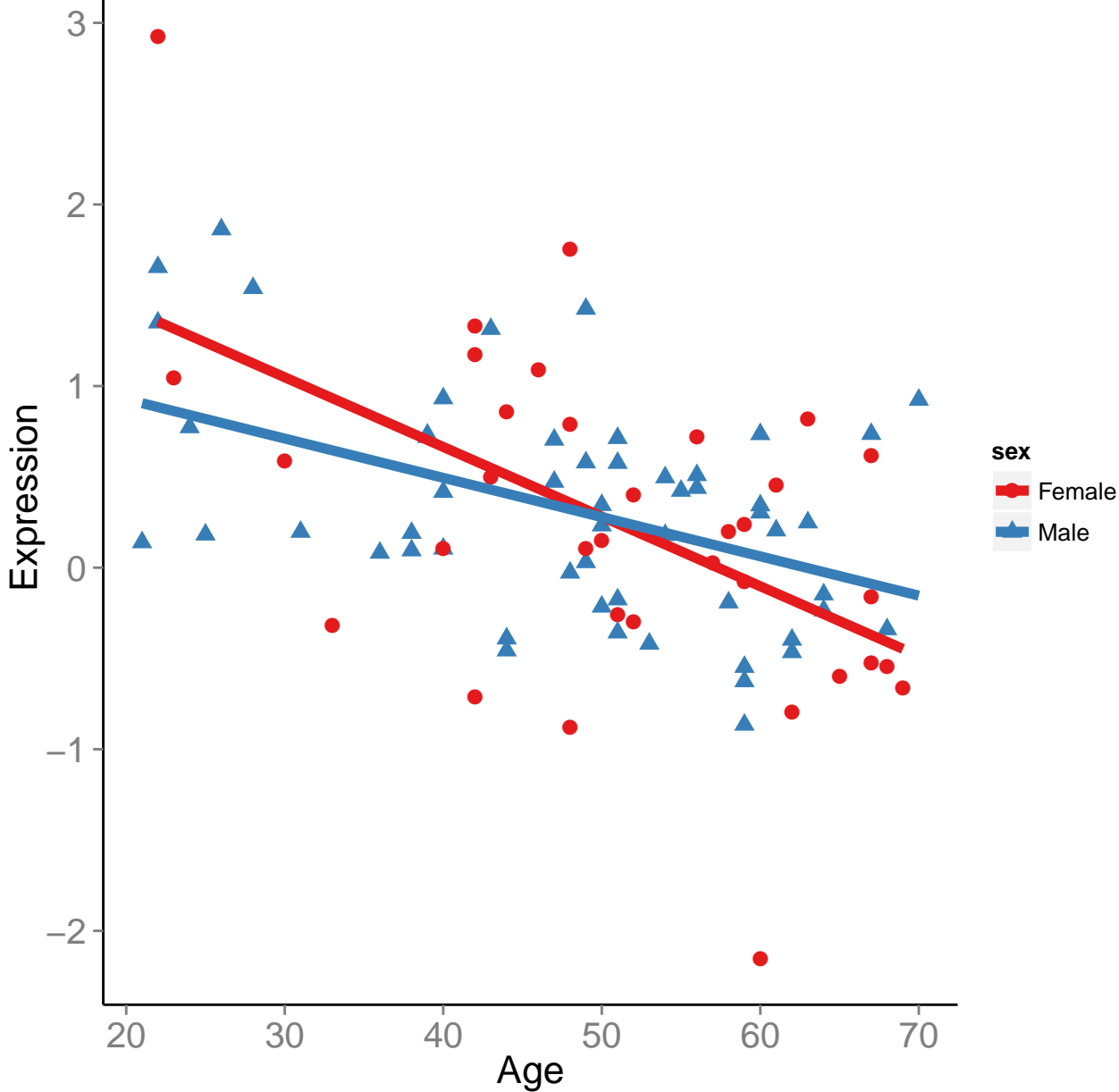
Nerve: NEK1 Pearson-R=-0.48 Pval=1.82E-06



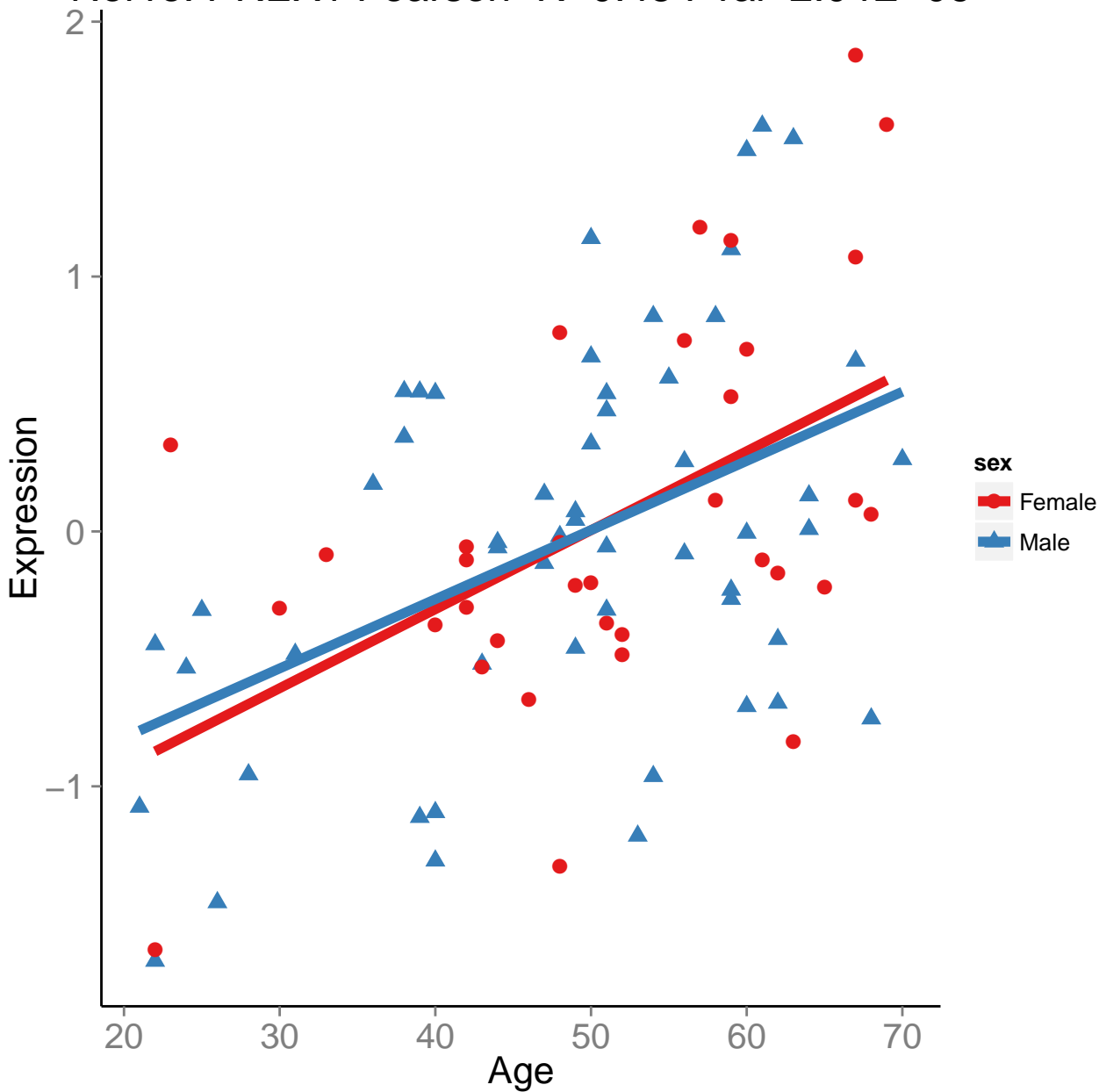
Nerve: PEG3 Pearson-R=0.48 Pval=1.91E-06



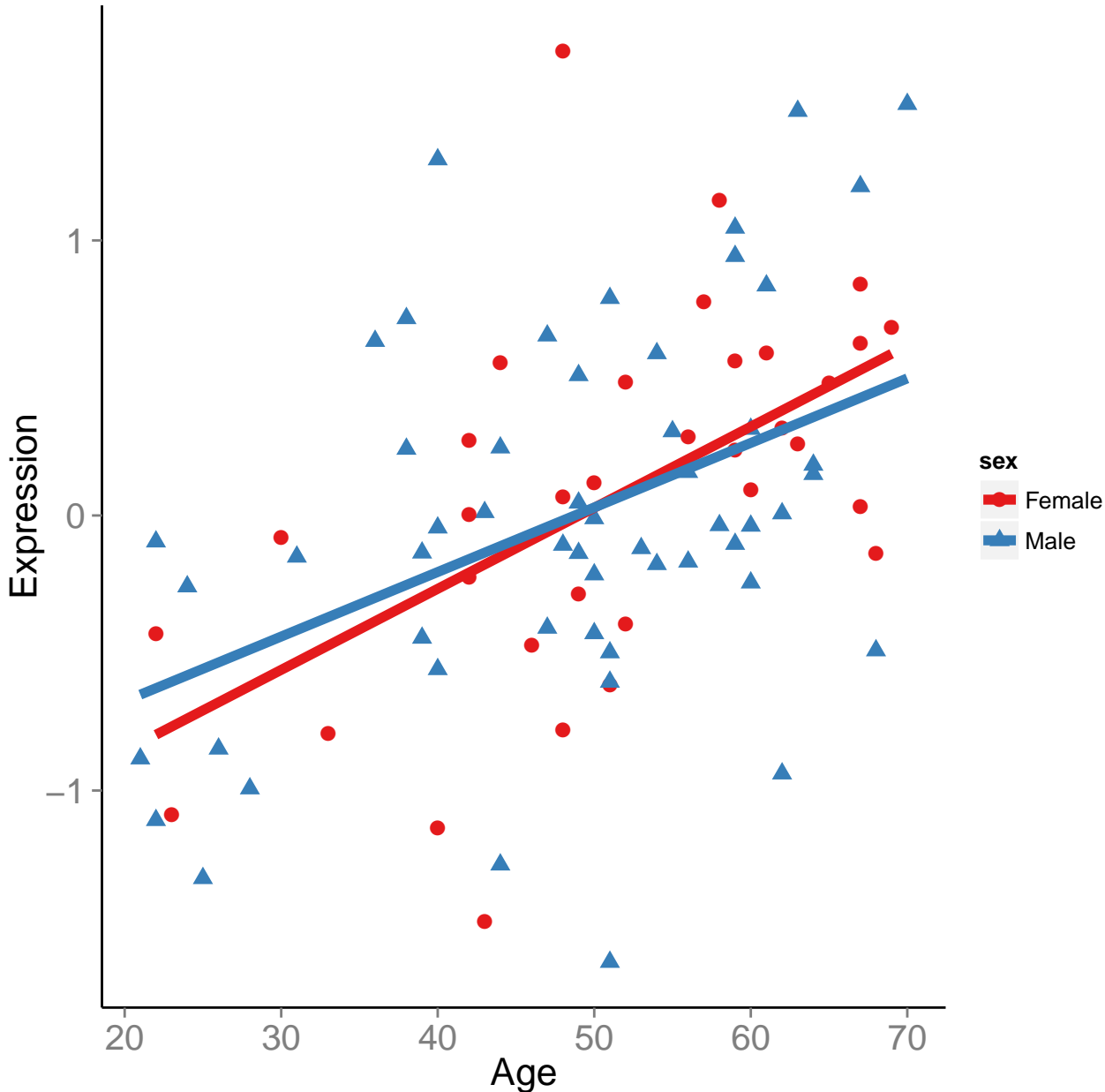
Nerve: RP4-555D20.2 Pearson-R=-0.48 Pval=1.92E-06



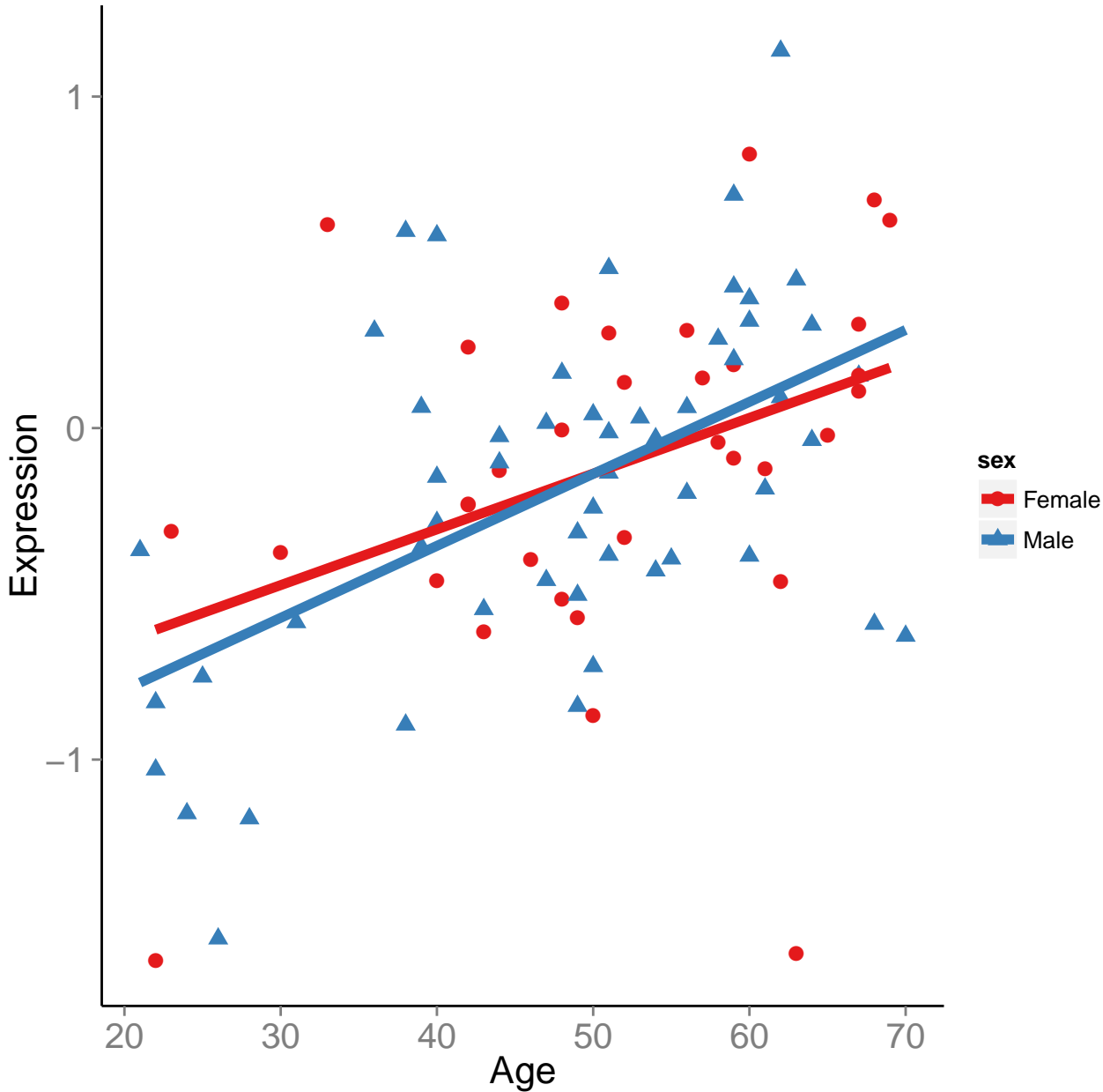
Nerve: PREX1 Pearson-R=0.48 Pval=2.04E-06



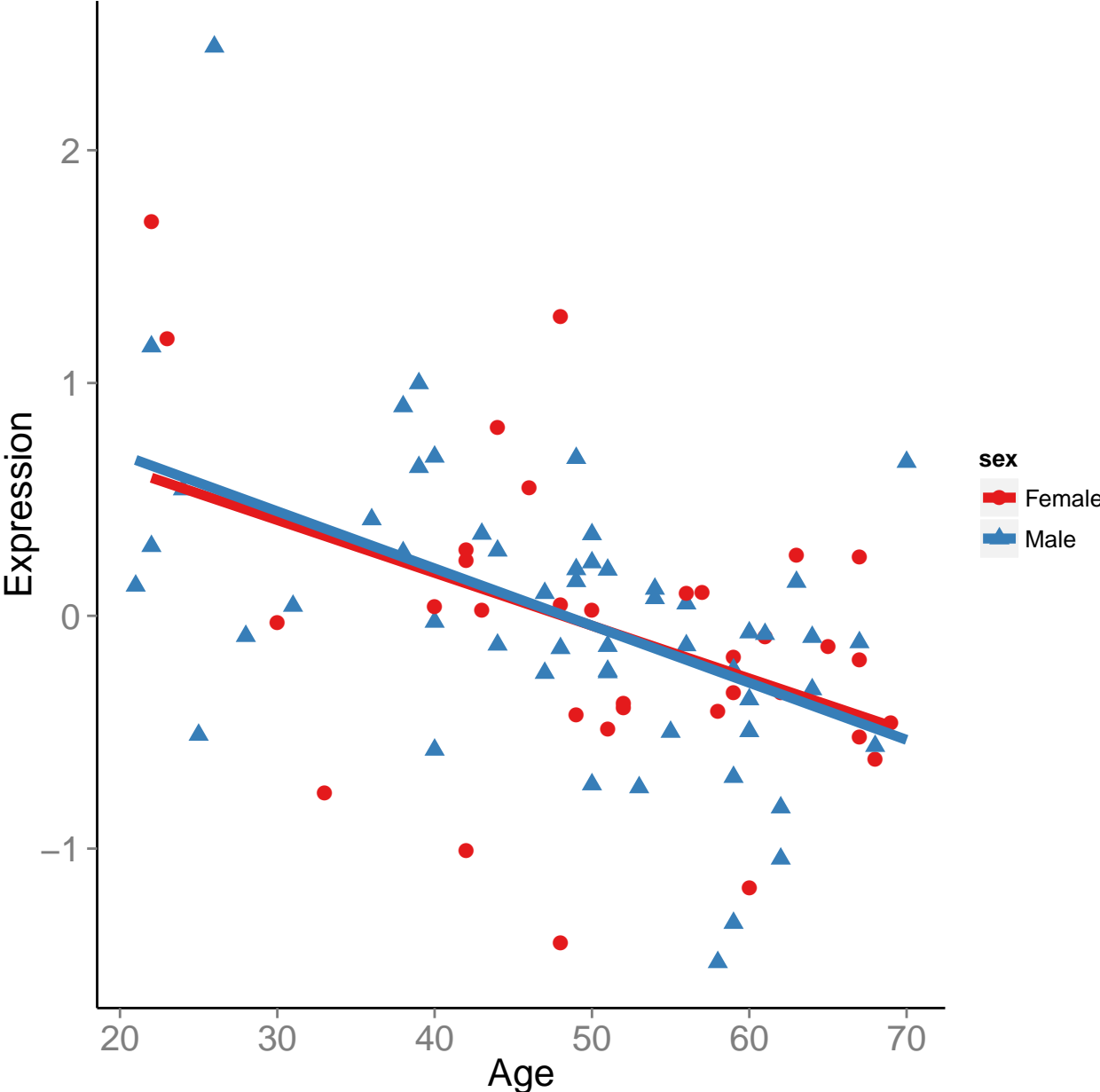
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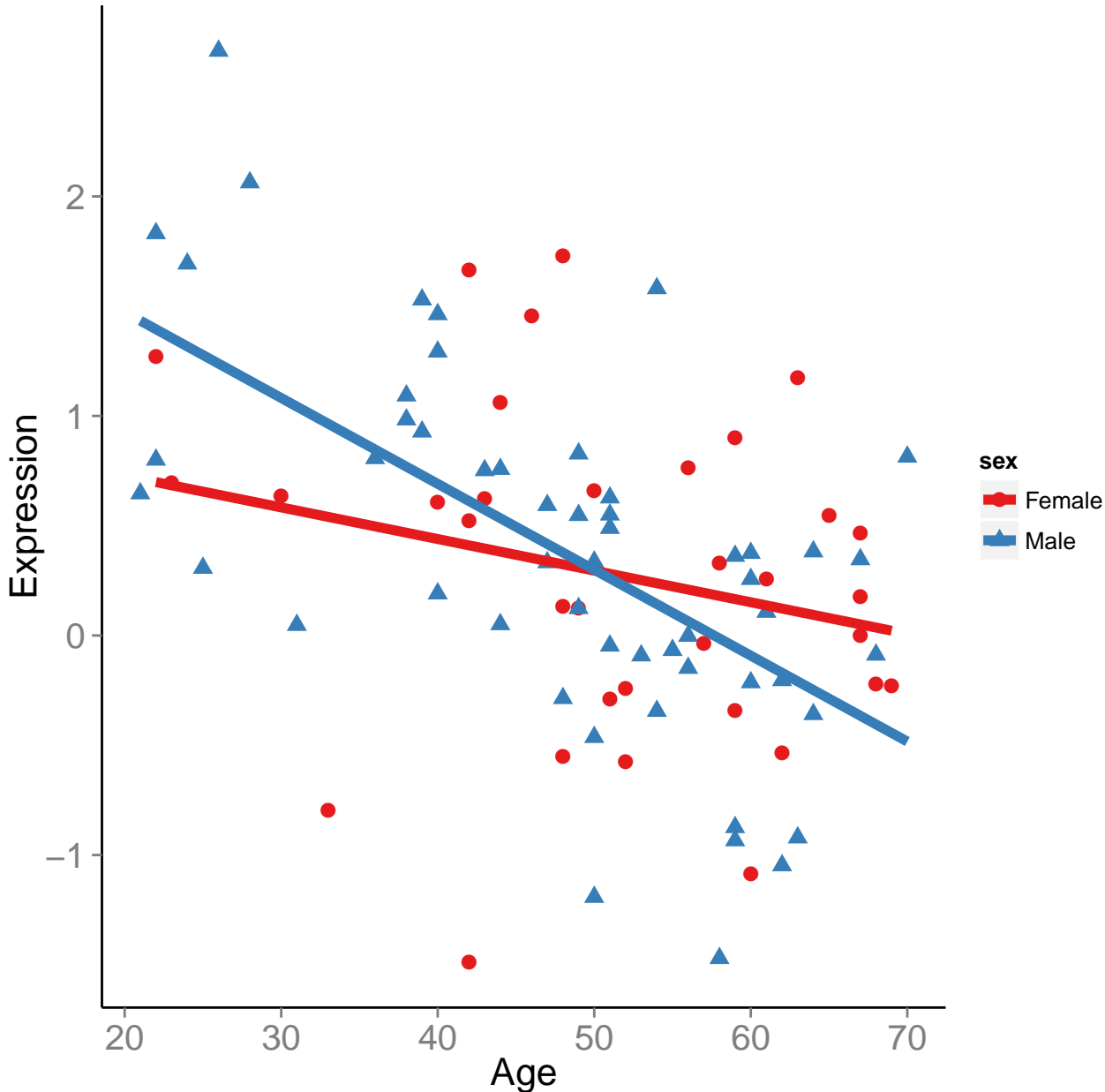
Nerve: FOXO1 Pearson-R=0.48 Pval=2.38E-06



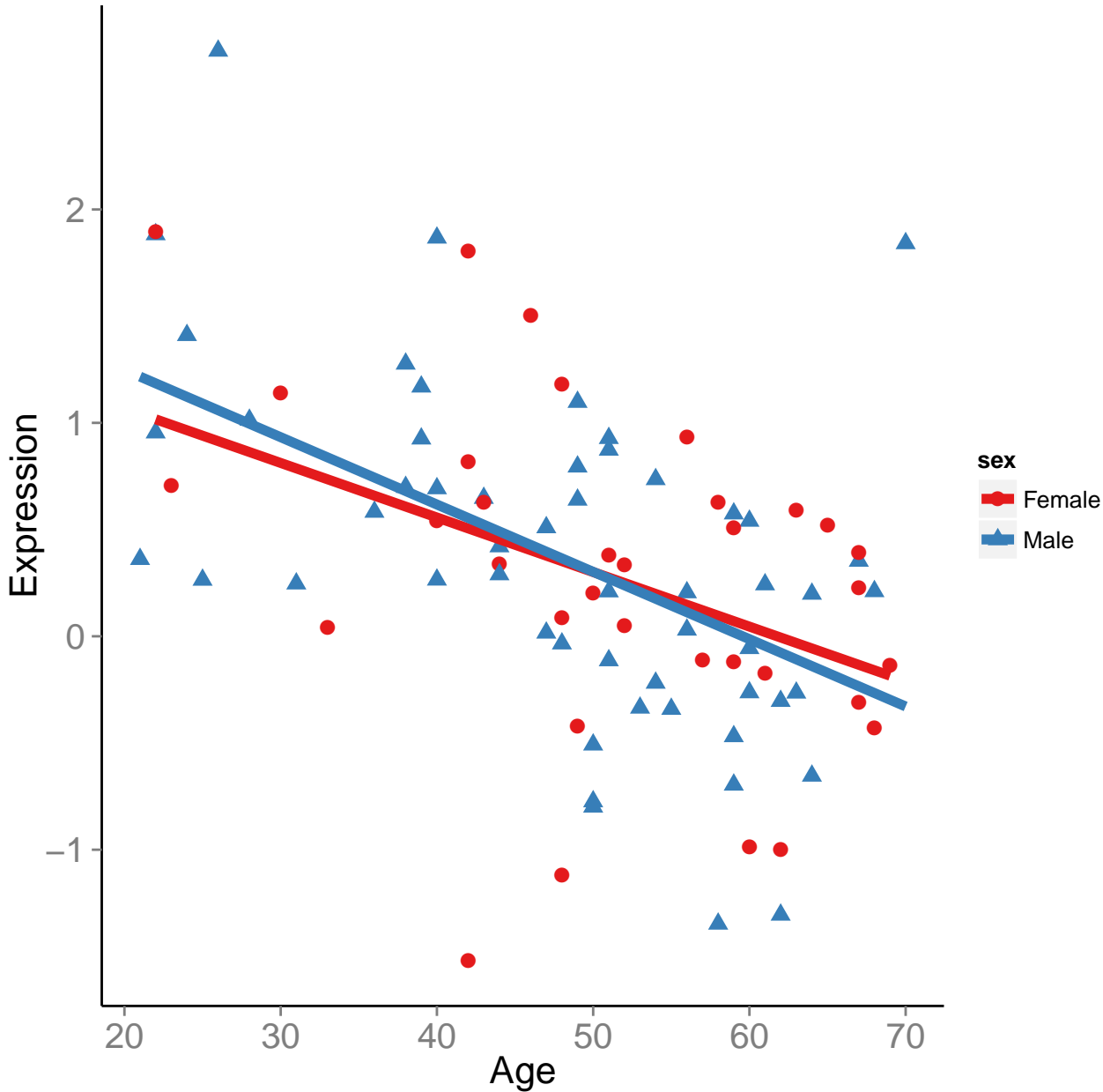
Nerve: MPP5 Pearson-R=-0.48 Pval=2.42E-06



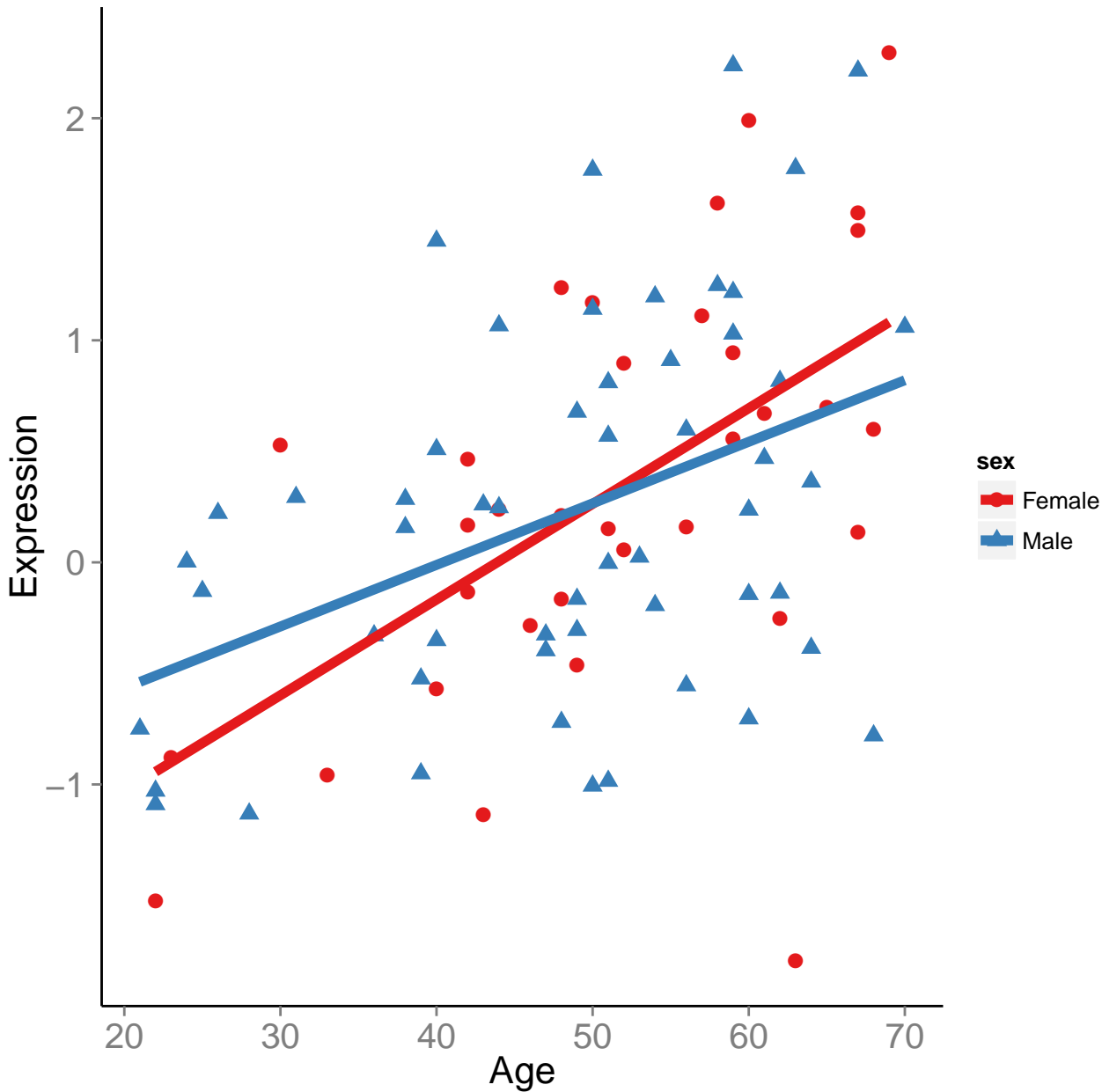
Nerve: LHPP Pearson-R=-0.48 Pval=2.39E-06



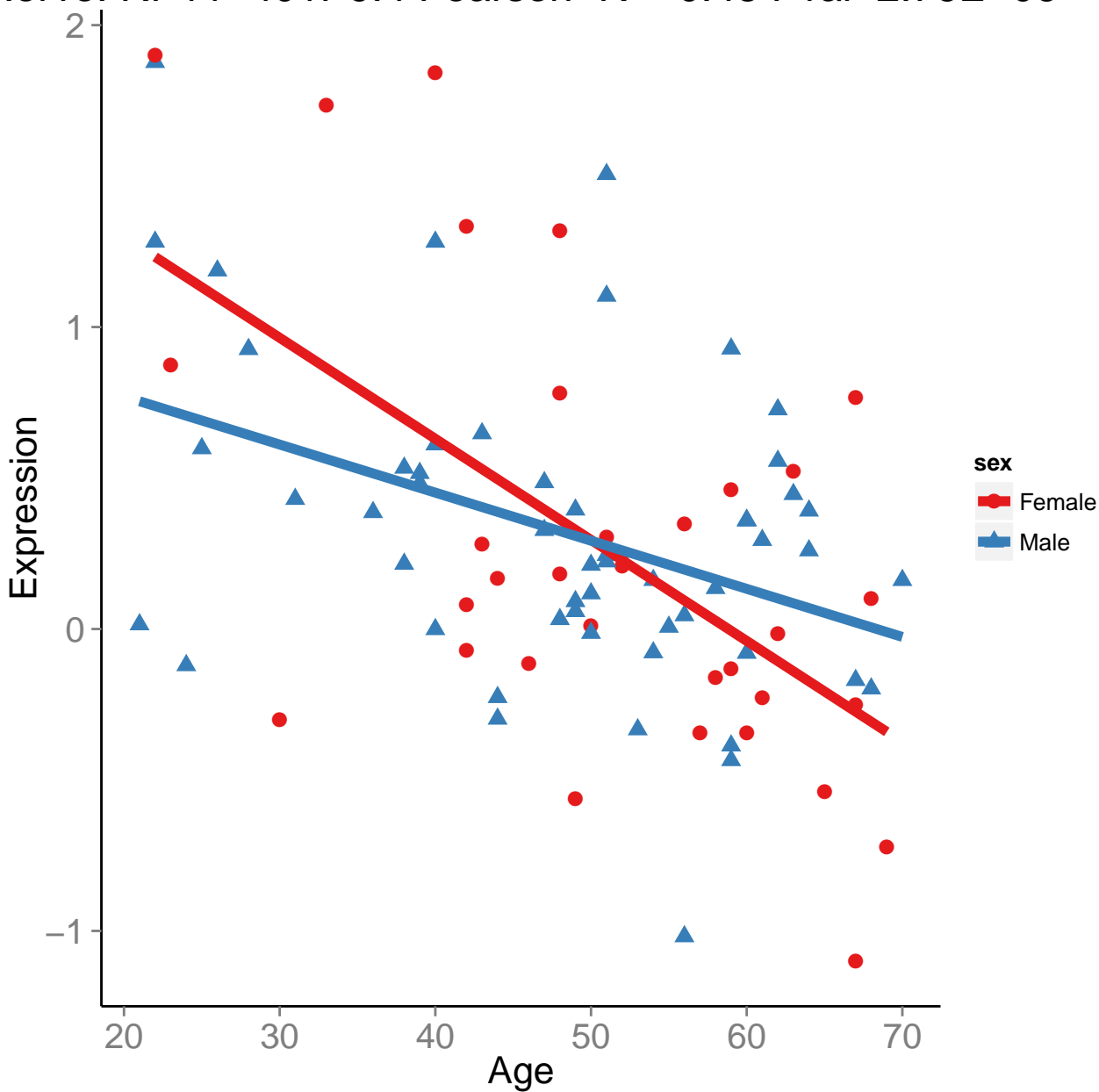
Nerve: LCTL Pearson-R=-0.48 Pval=2.52E-06



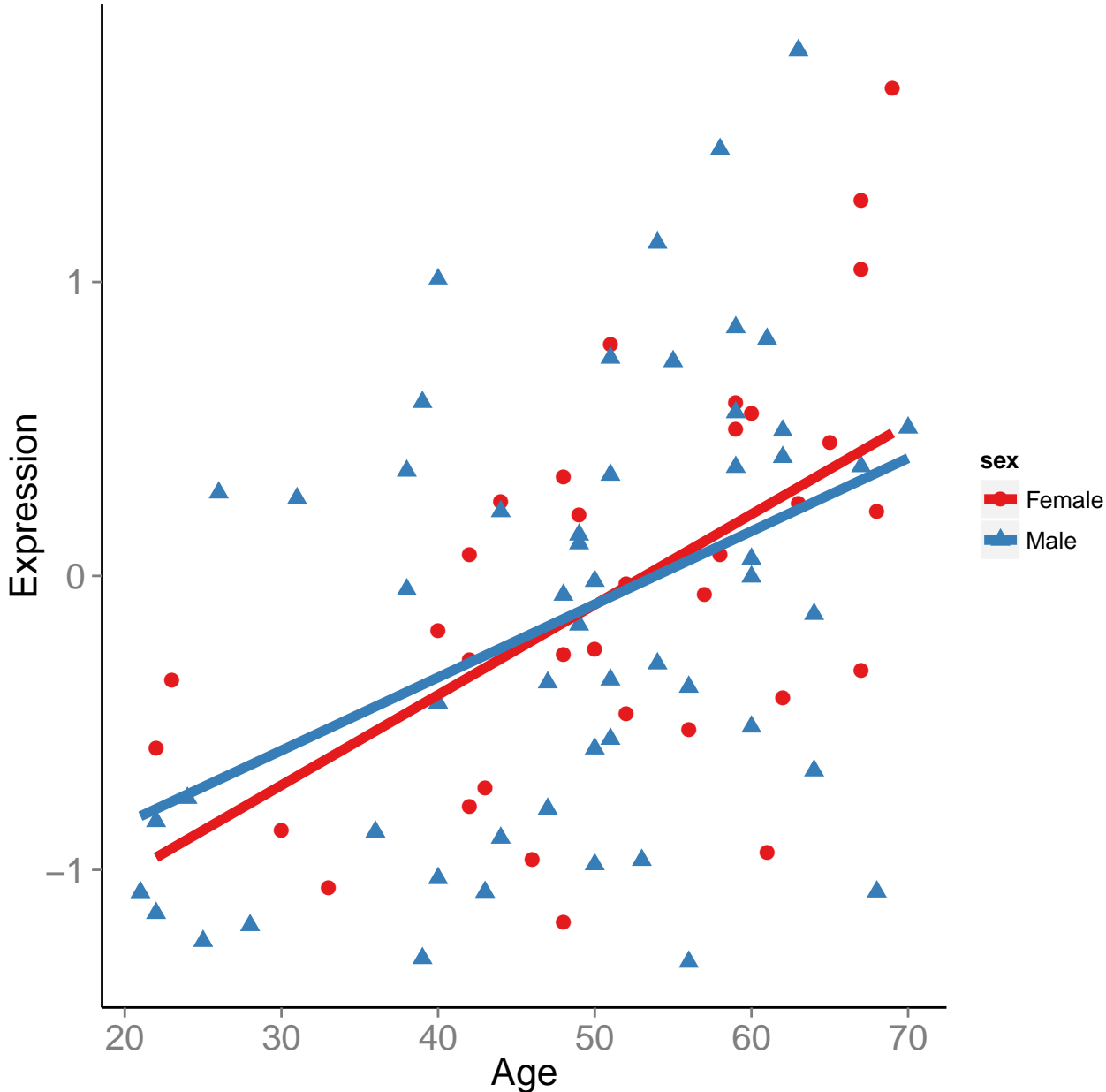
Nerve: AC114947.1 Pearson-R=0.48 Pval=2.68E-06



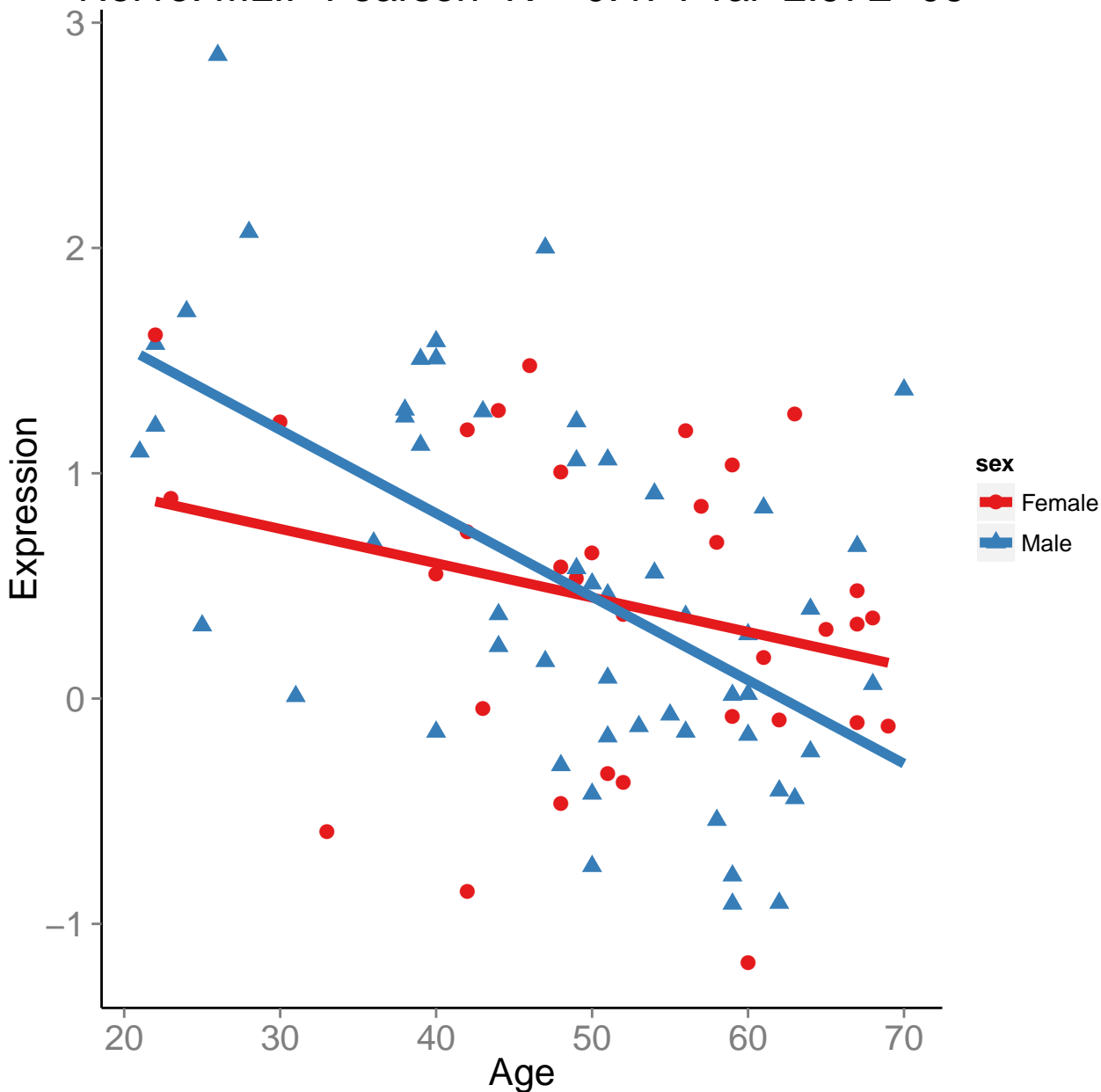
Nerve: RP11-401P9.4 Pearson-R=-0.48 Pval=2.76E-06



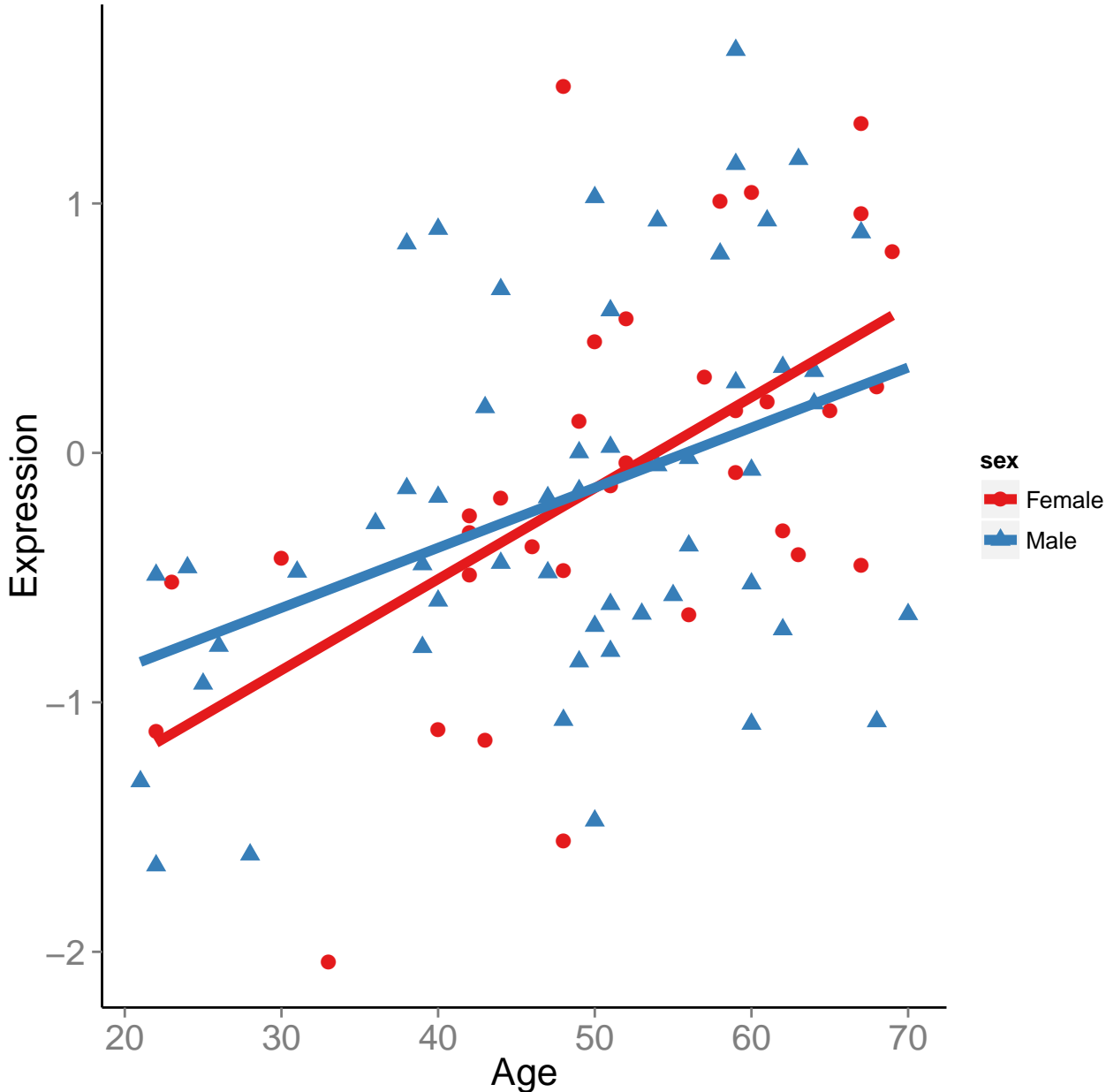
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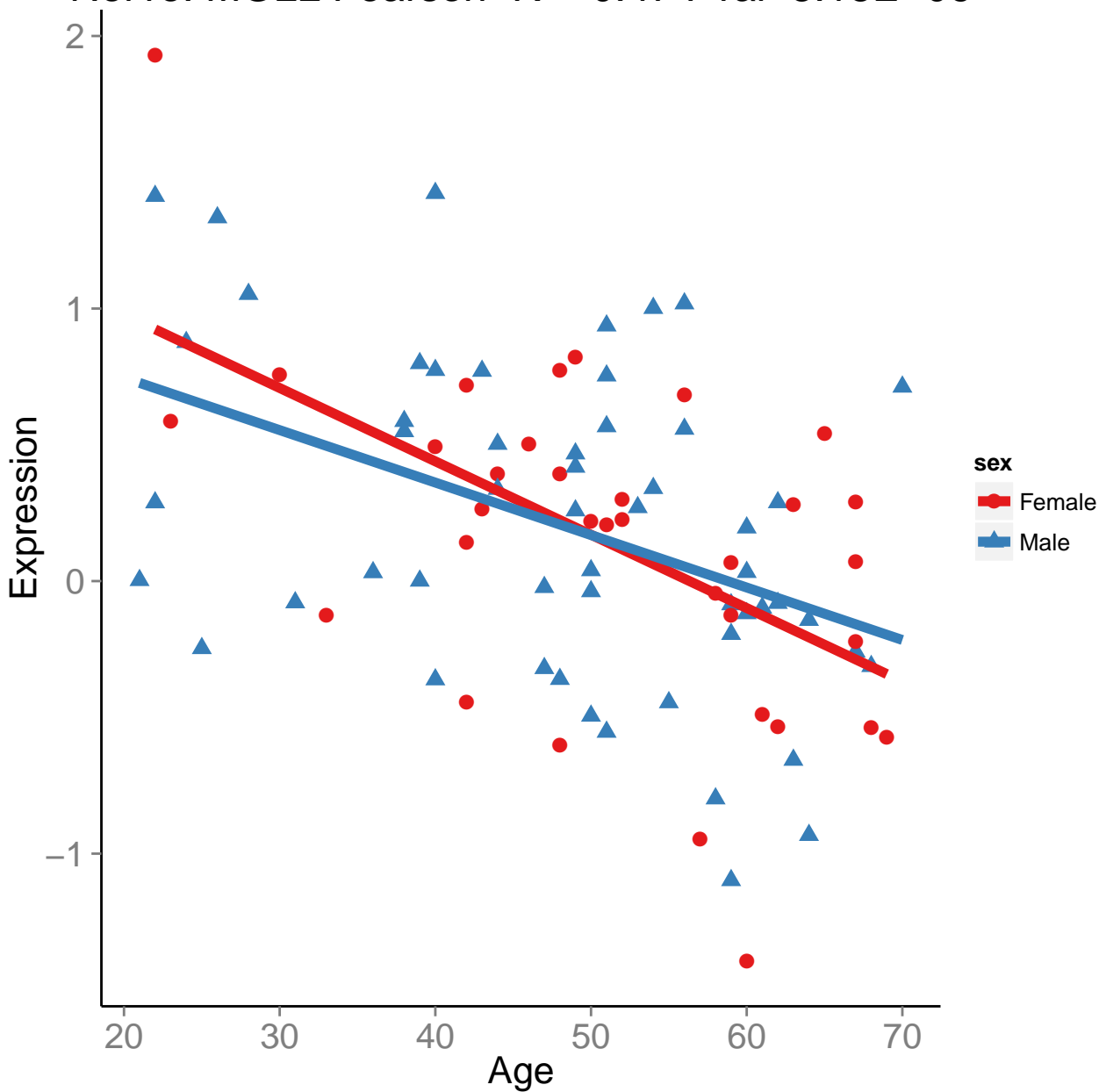
Nerve: MLIP Pearson-R=-0.47 Pval=2.97E-06



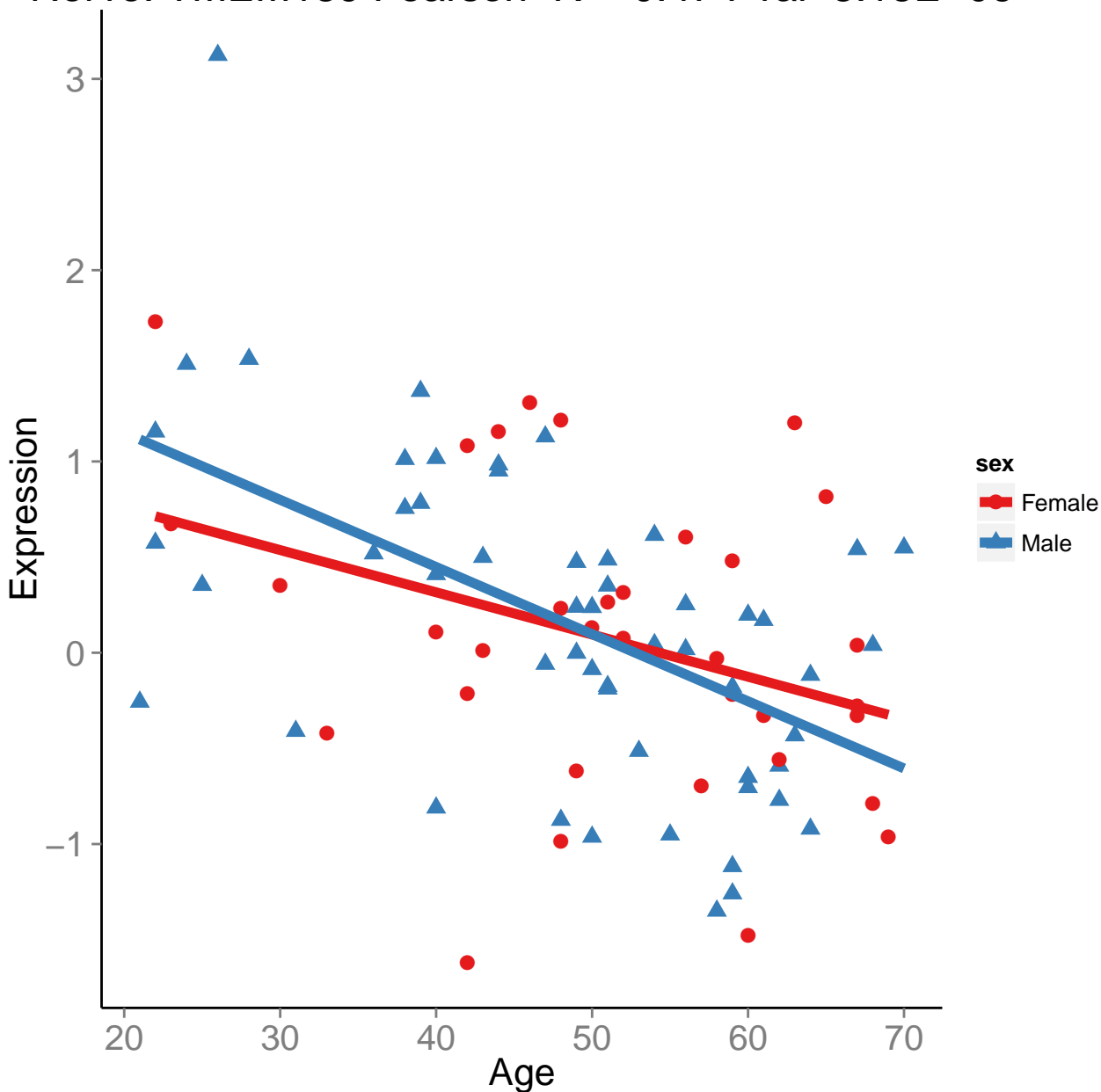
Nerve: KCNMB4 Pearson-R=0.47 Pval=3.09E-06



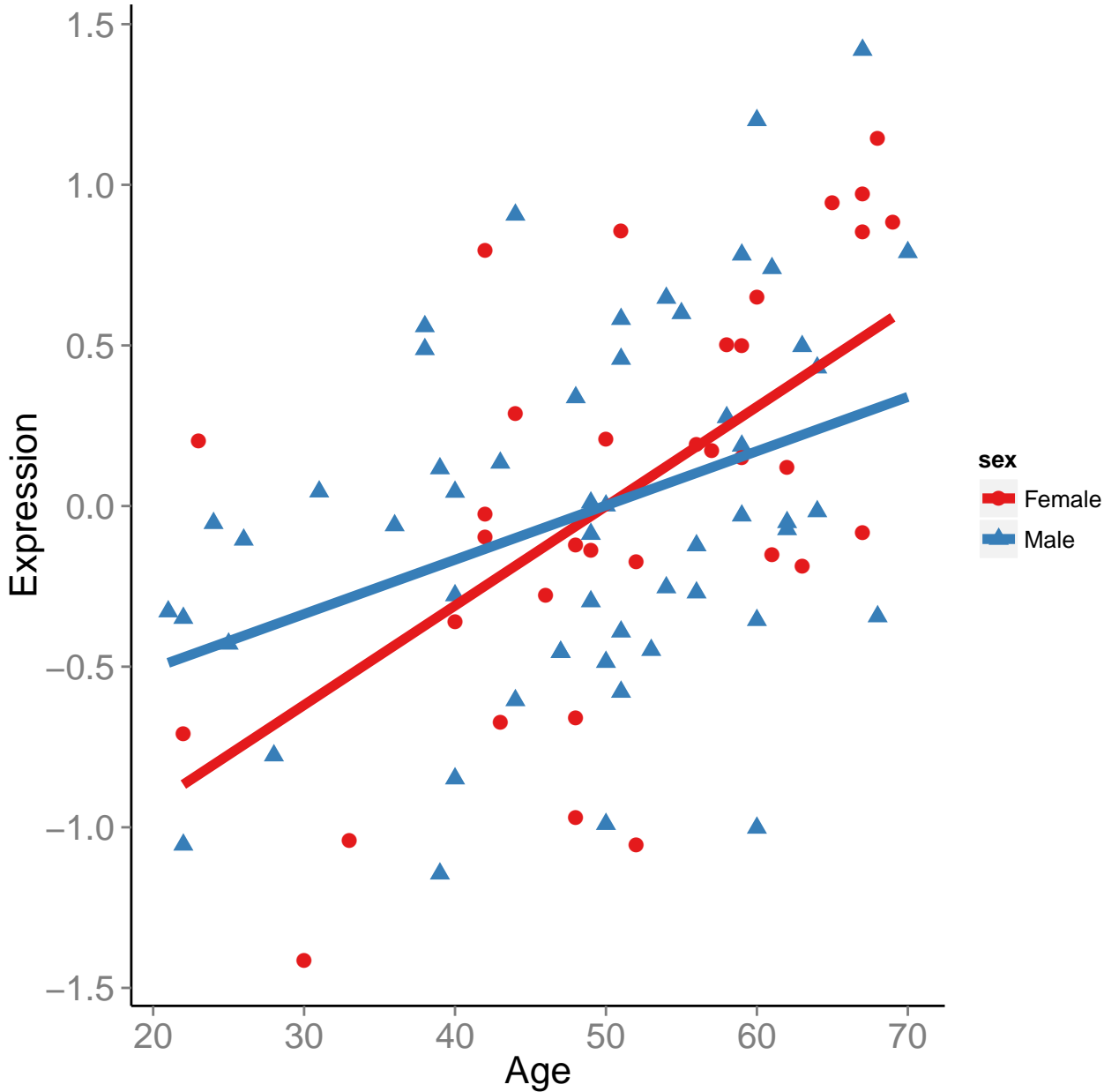
Nerve: MGLL Pearson-R=-0.47 Pval=3.18E-06



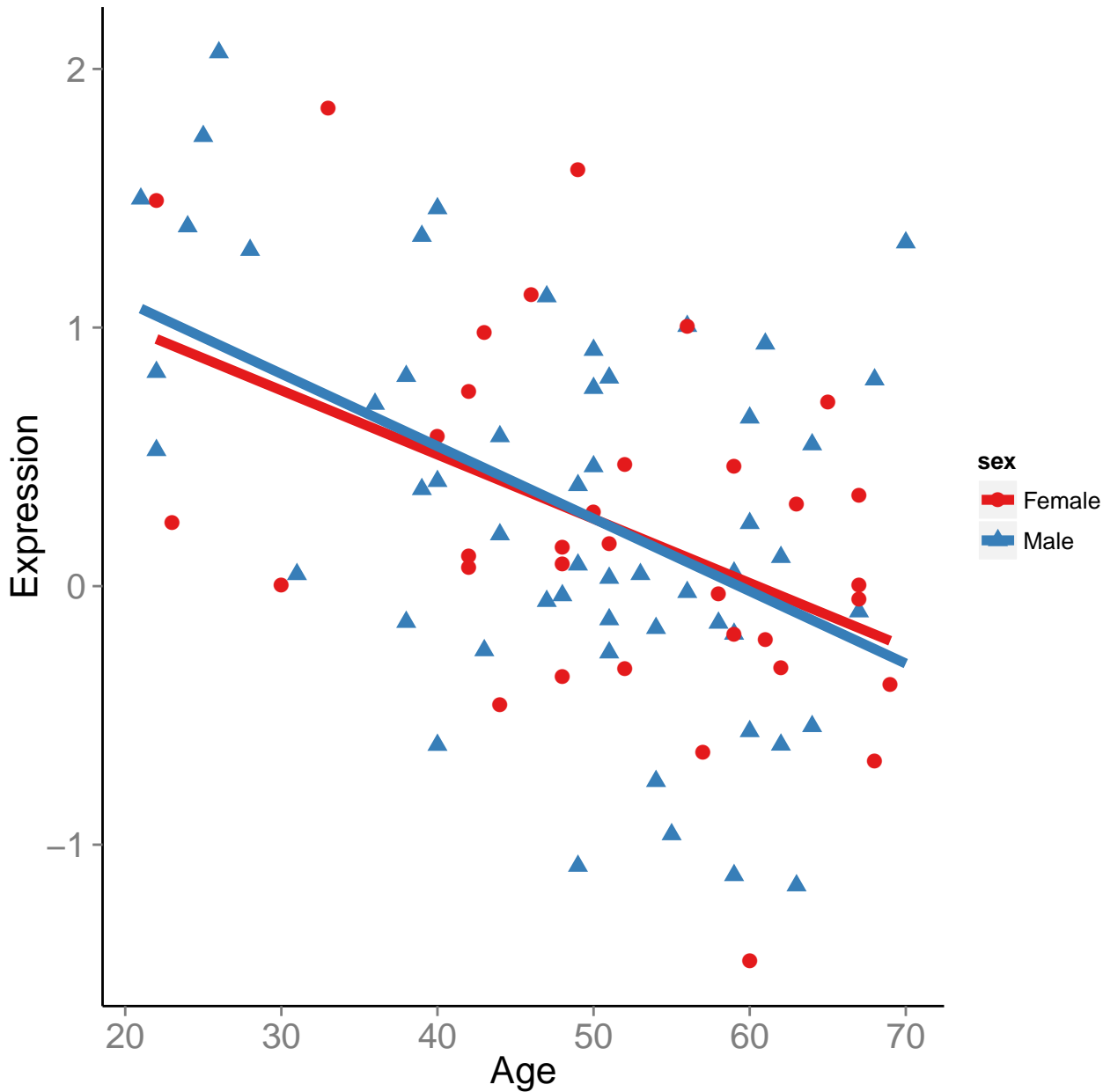
Nerve: TMEM189 Pearson-R=-0.47 Pval=3.18E-06



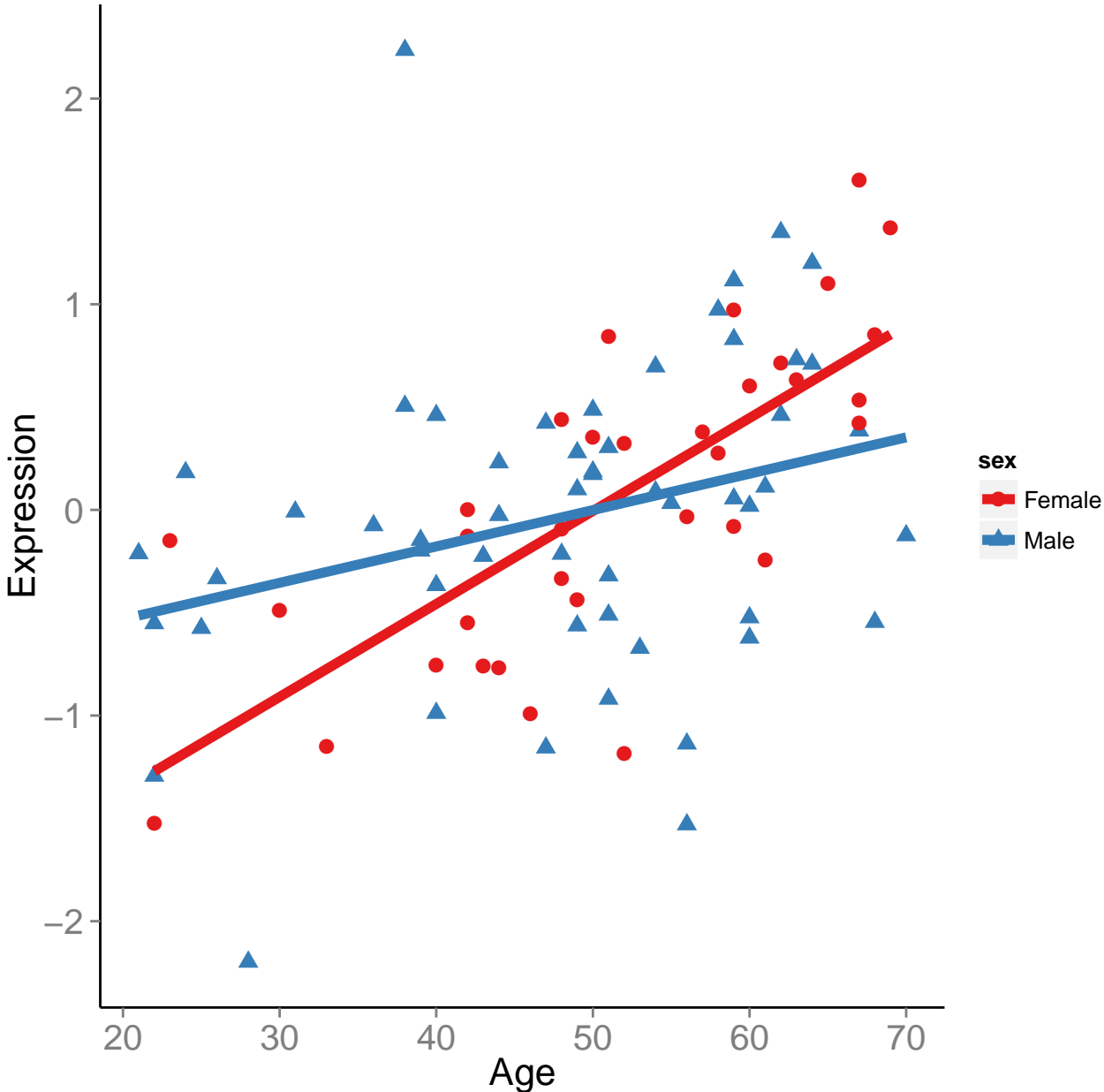
Nerve: CNTN1 Pearson-R=0.47 Pval=3.46E-06



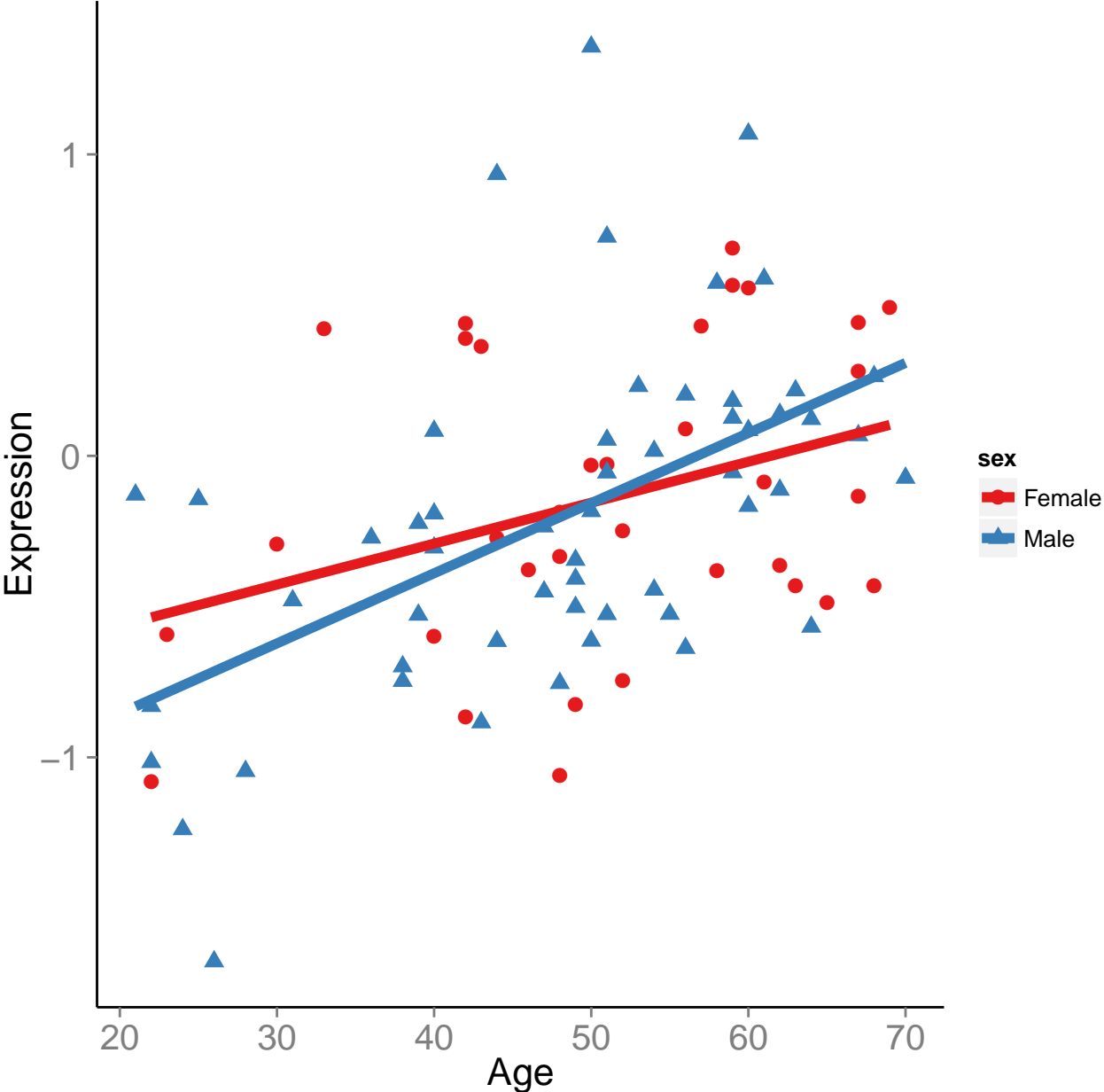
Nerve: TMEM132C Pearson-R=-0.47 Pval=3.65E-06



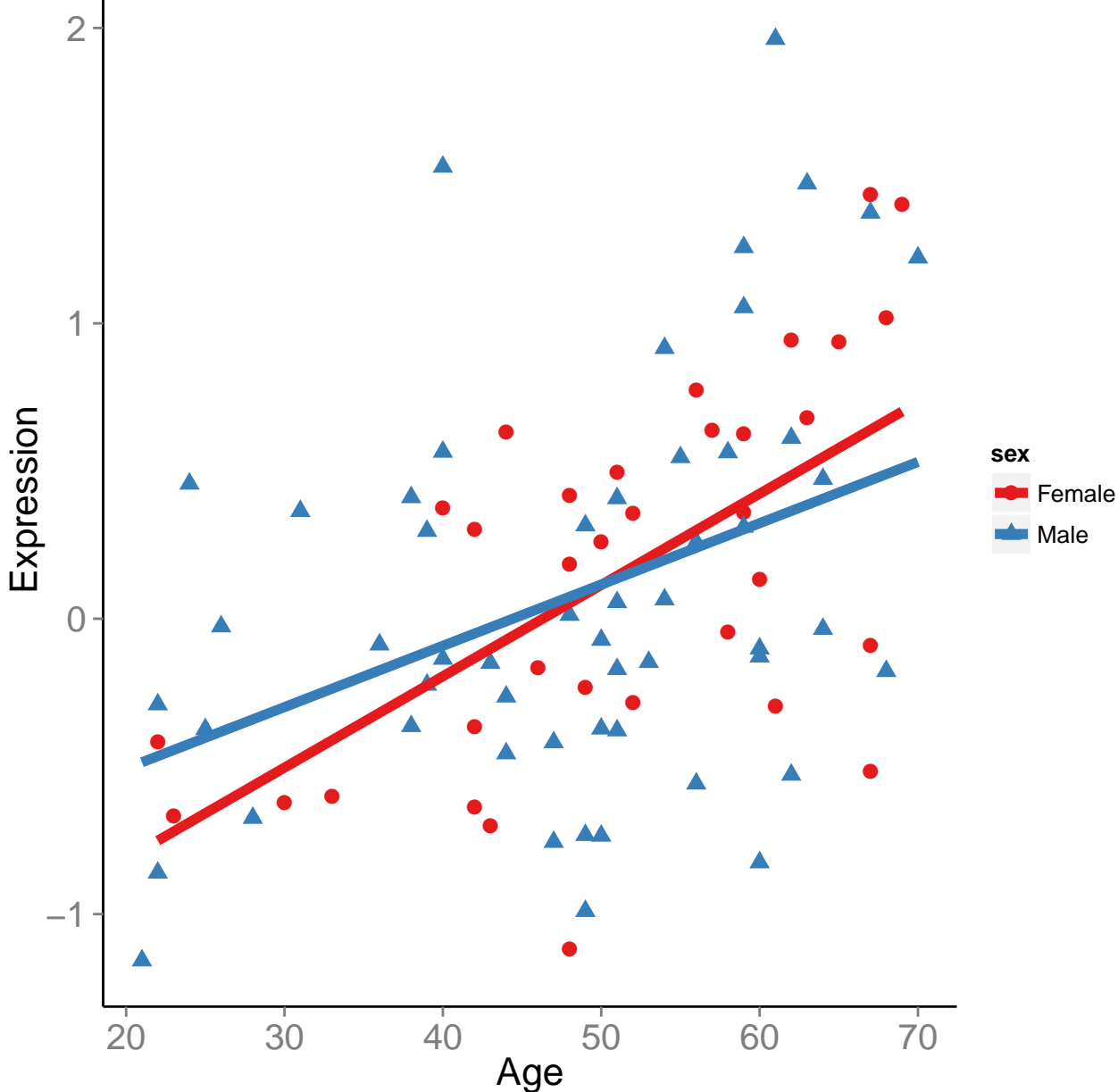
Nerve: BIRC3 Pearson-R=0.47 Pval=3.78E-06



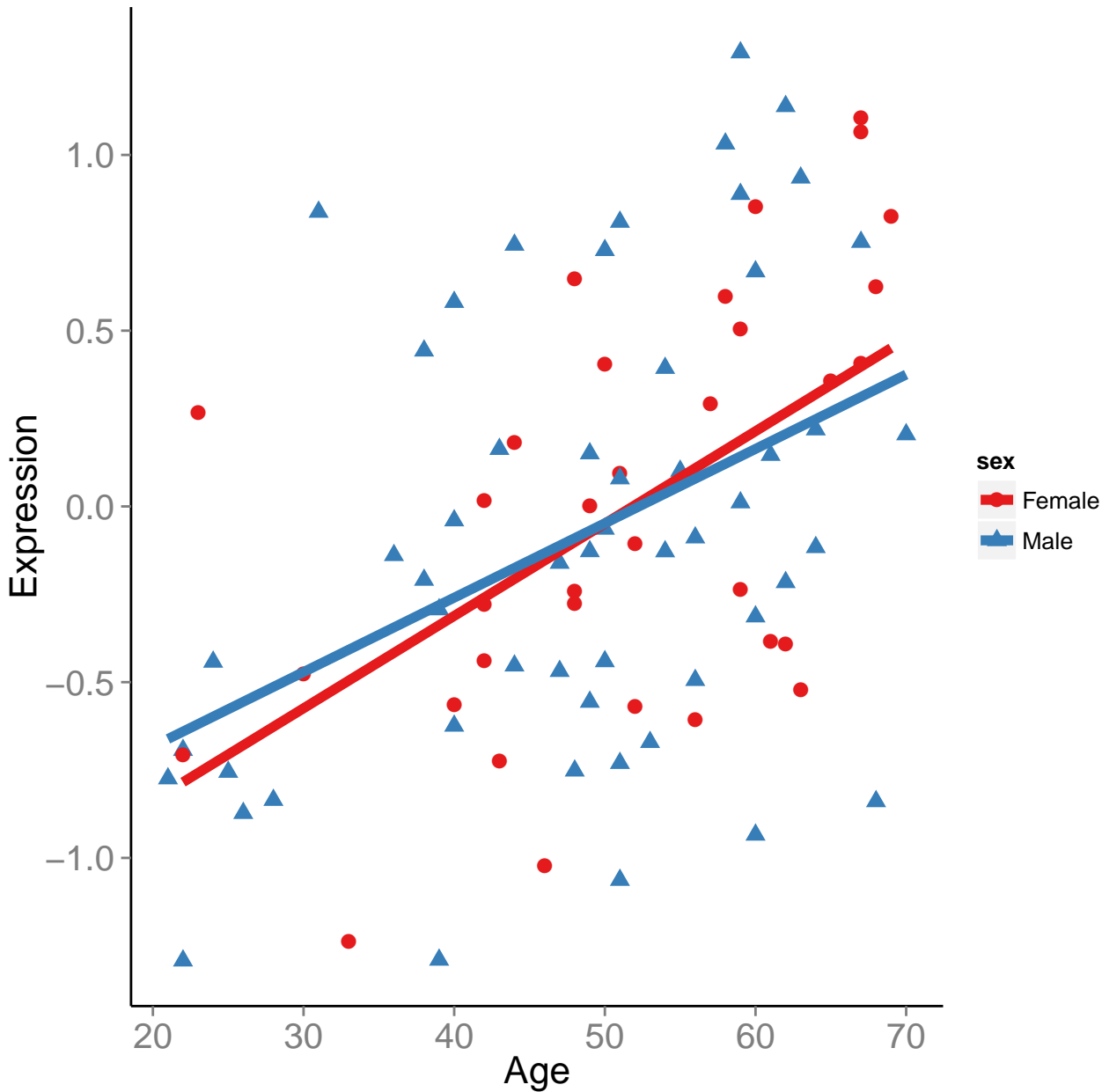
Nerve: CERS6 Pearson-R=0.47 Pval=3.93E-06



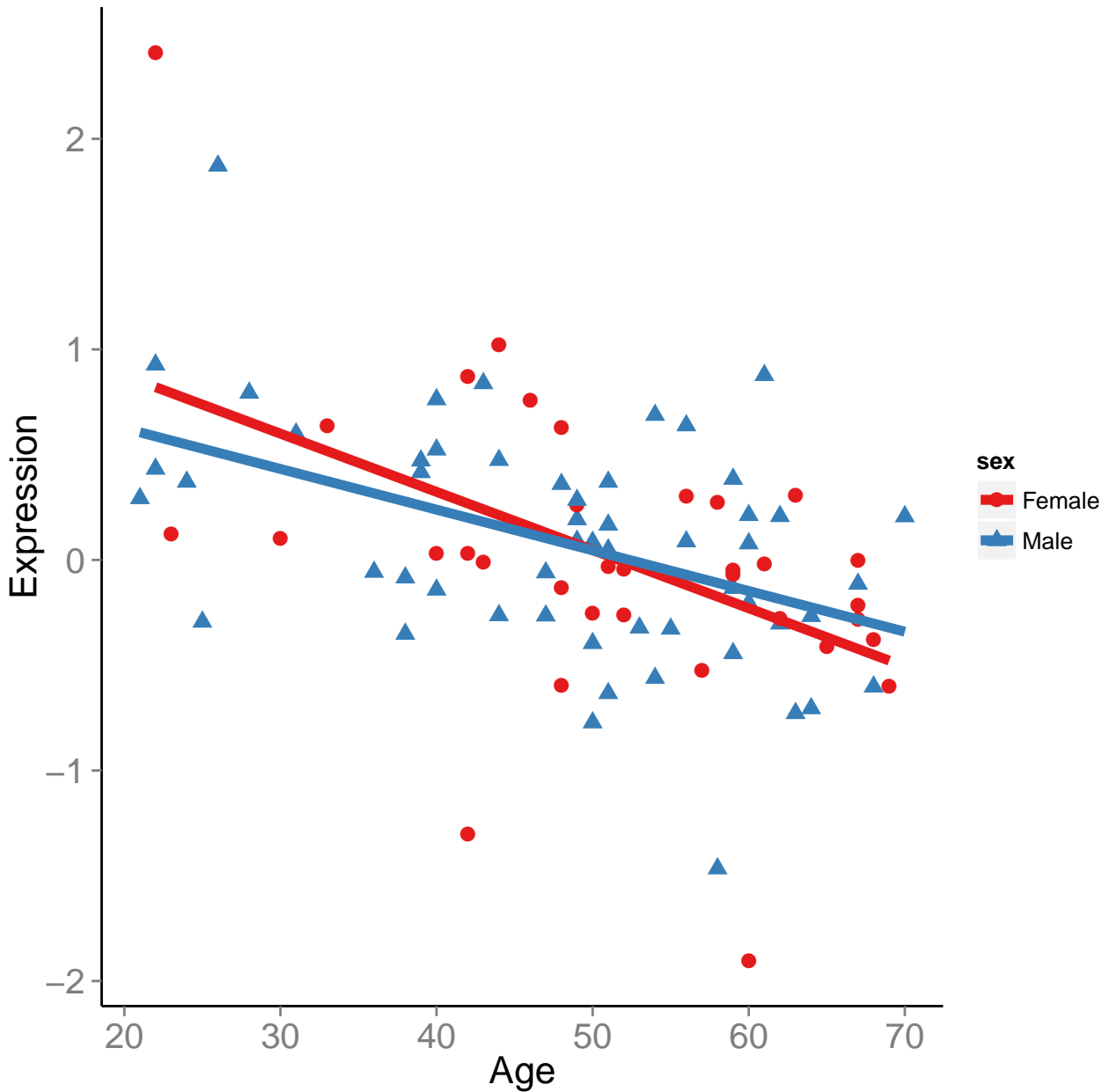
Nerve: ARSE Pearson-R=0.47 Pval=4.02E-06



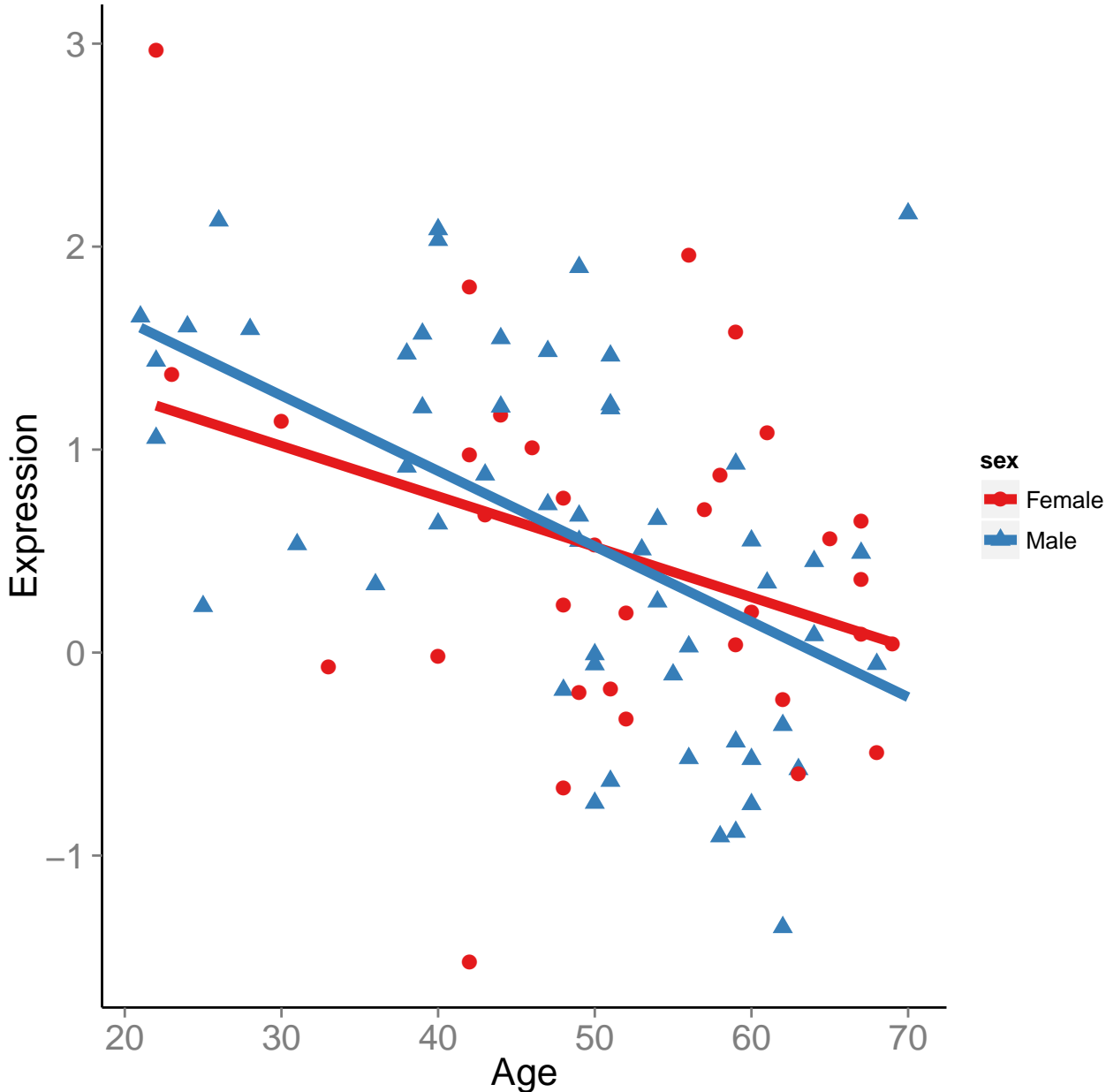
Nerve: TMOD2 Pearson-R=0.47 Pval=3.88E-06



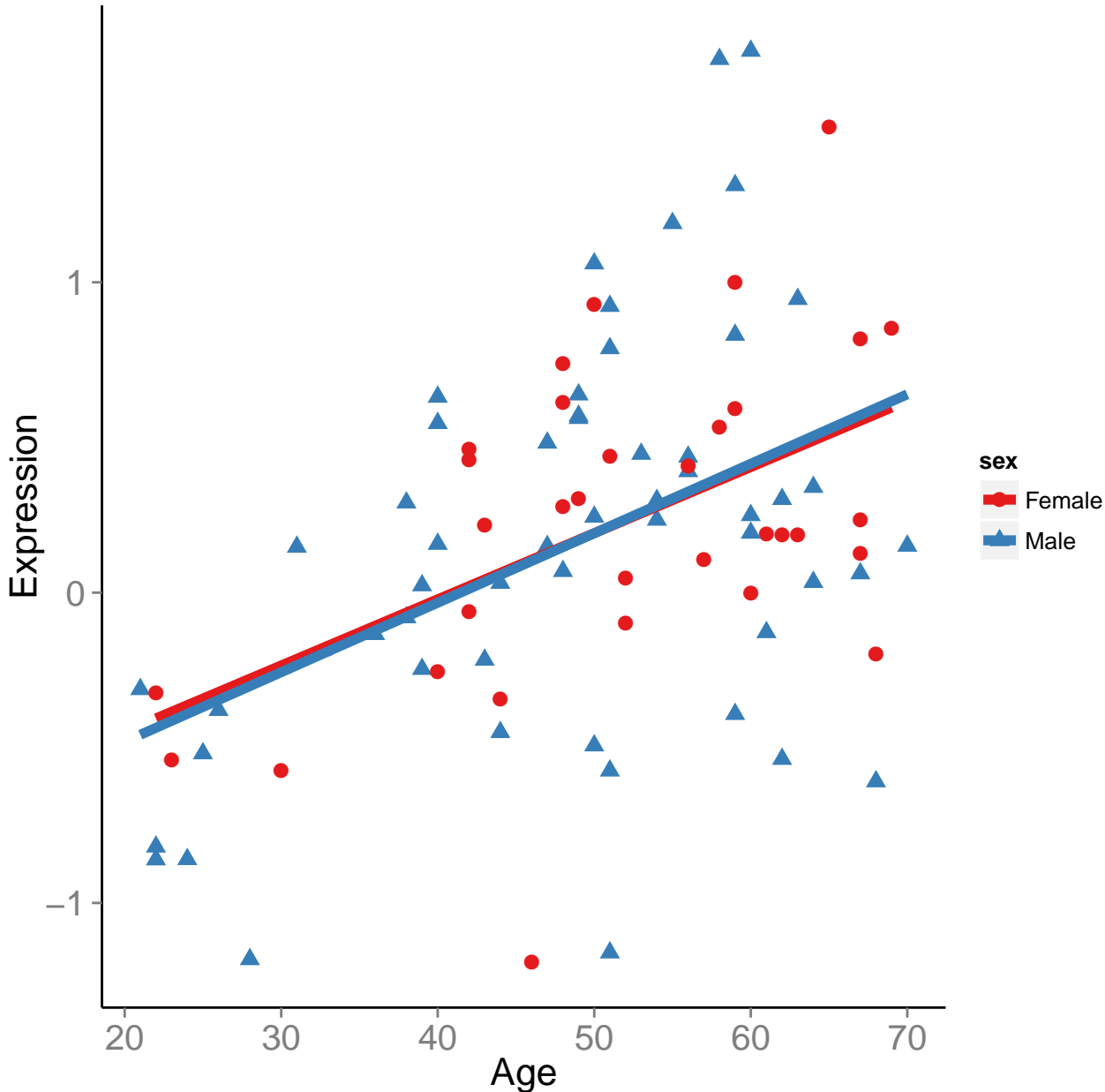
Nerve: C5orf30 Pearson-R=-0.47 Pval=3.98E-06



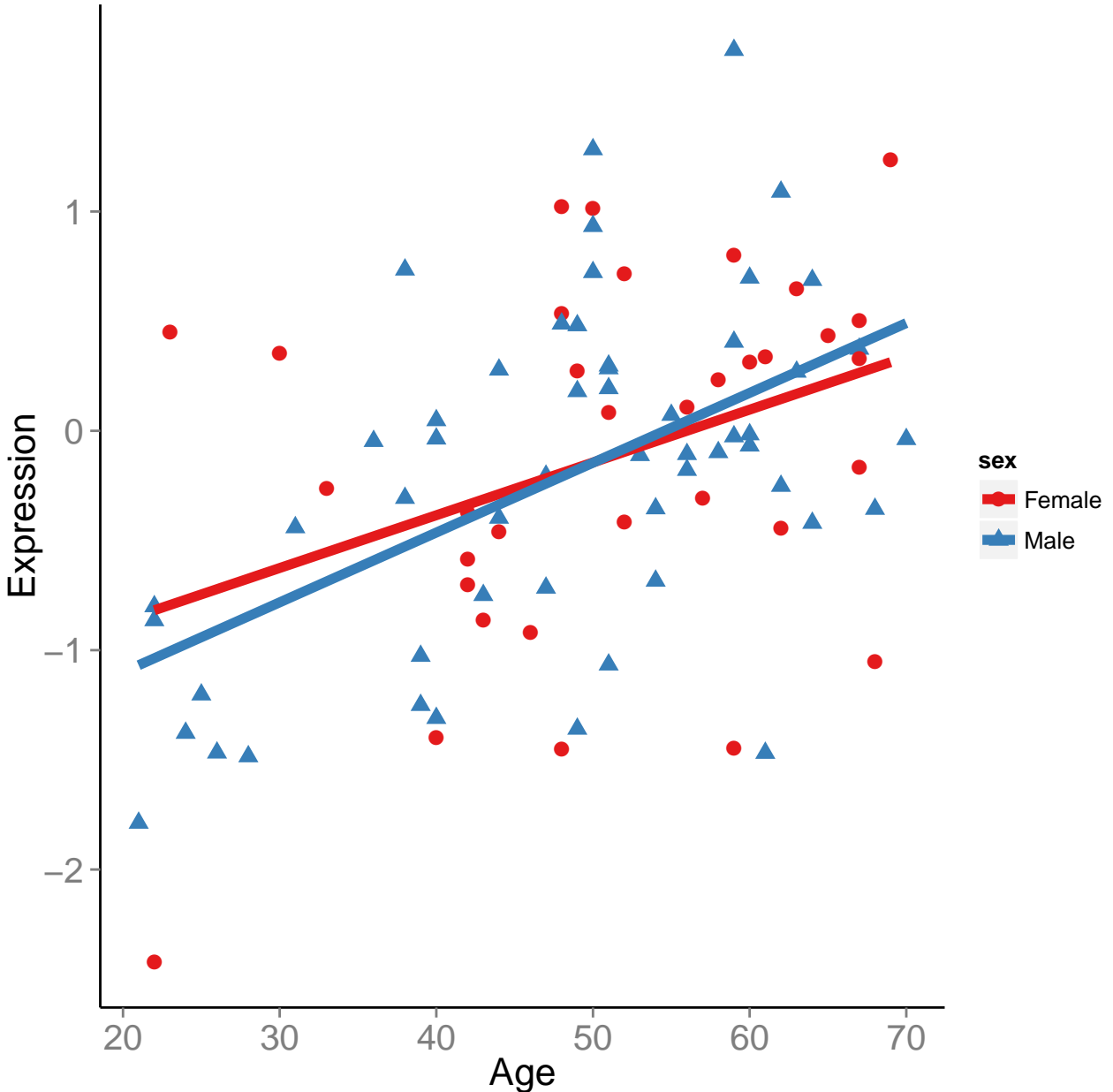
Nerve: LEPREL1 Pearson-R=-0.47 Pval=3.89E-06



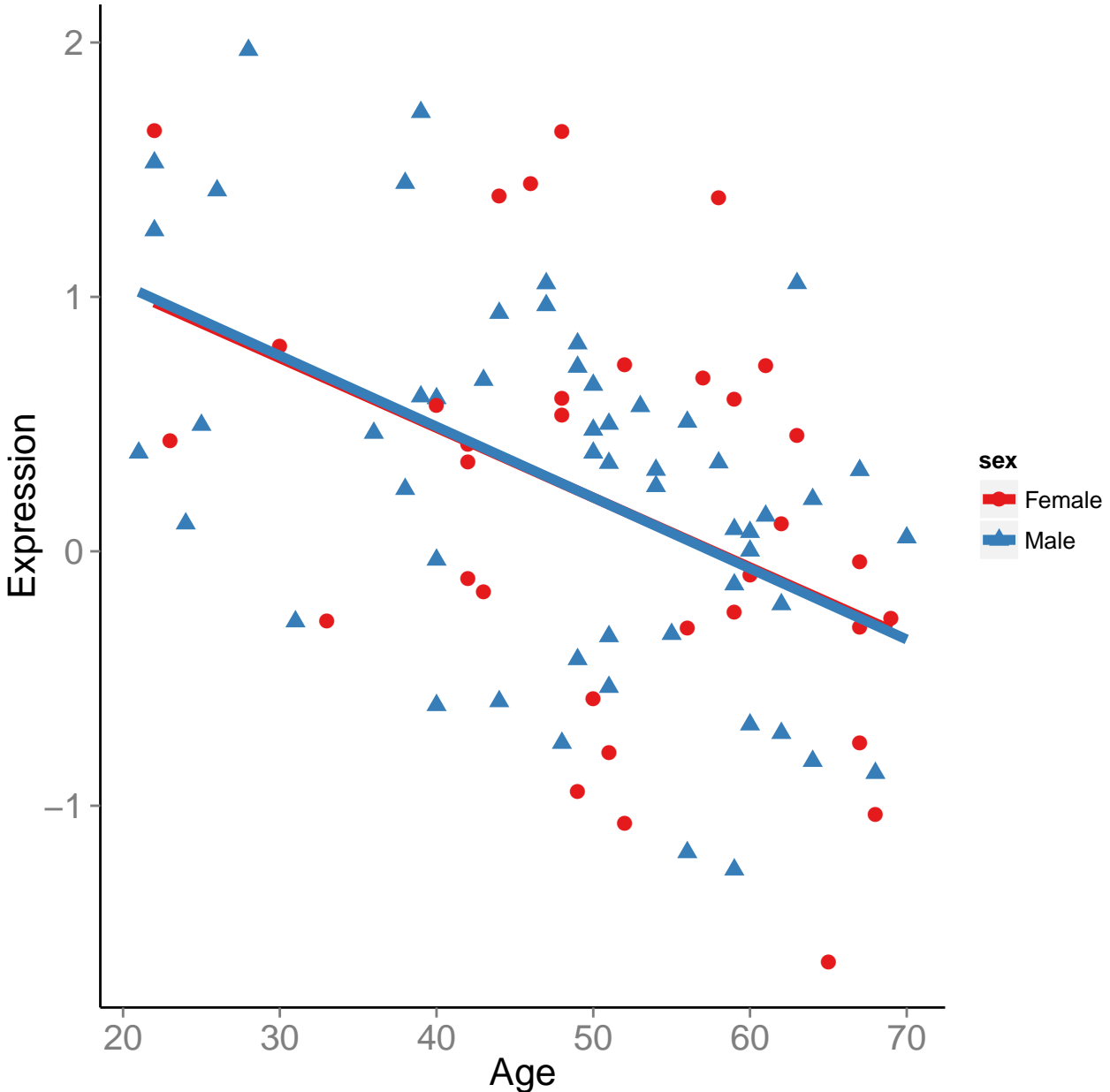
Nerve: INTS10 Pearson-R=0.47 Pval=4.38E-06



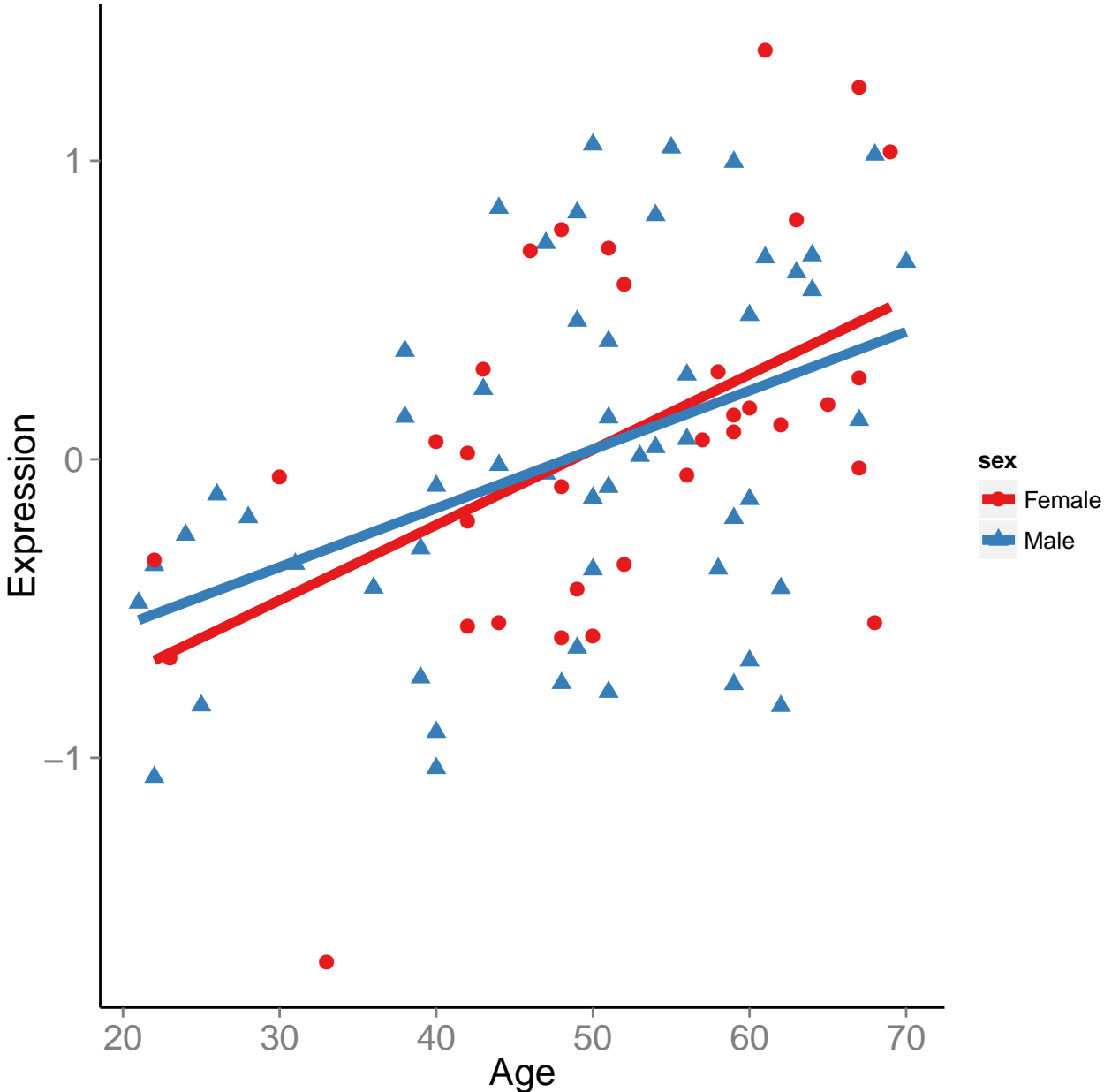
Nerve: SH3RF1 Pearson-R=0.47 Pval=4.67E-06



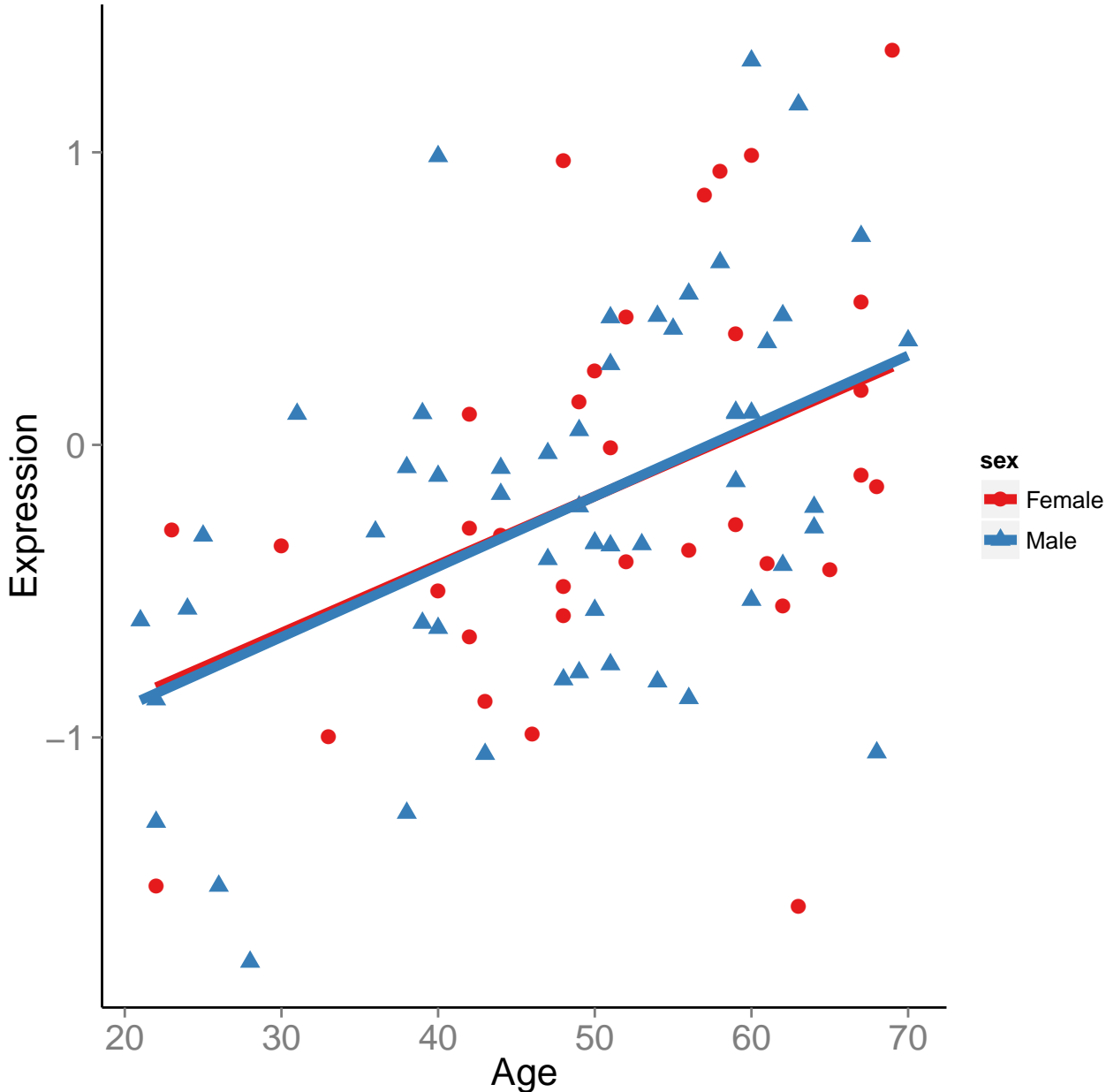
Nerve: CTA-363E6.7 Pearson-R=-0.47 Pval=4.89E-06



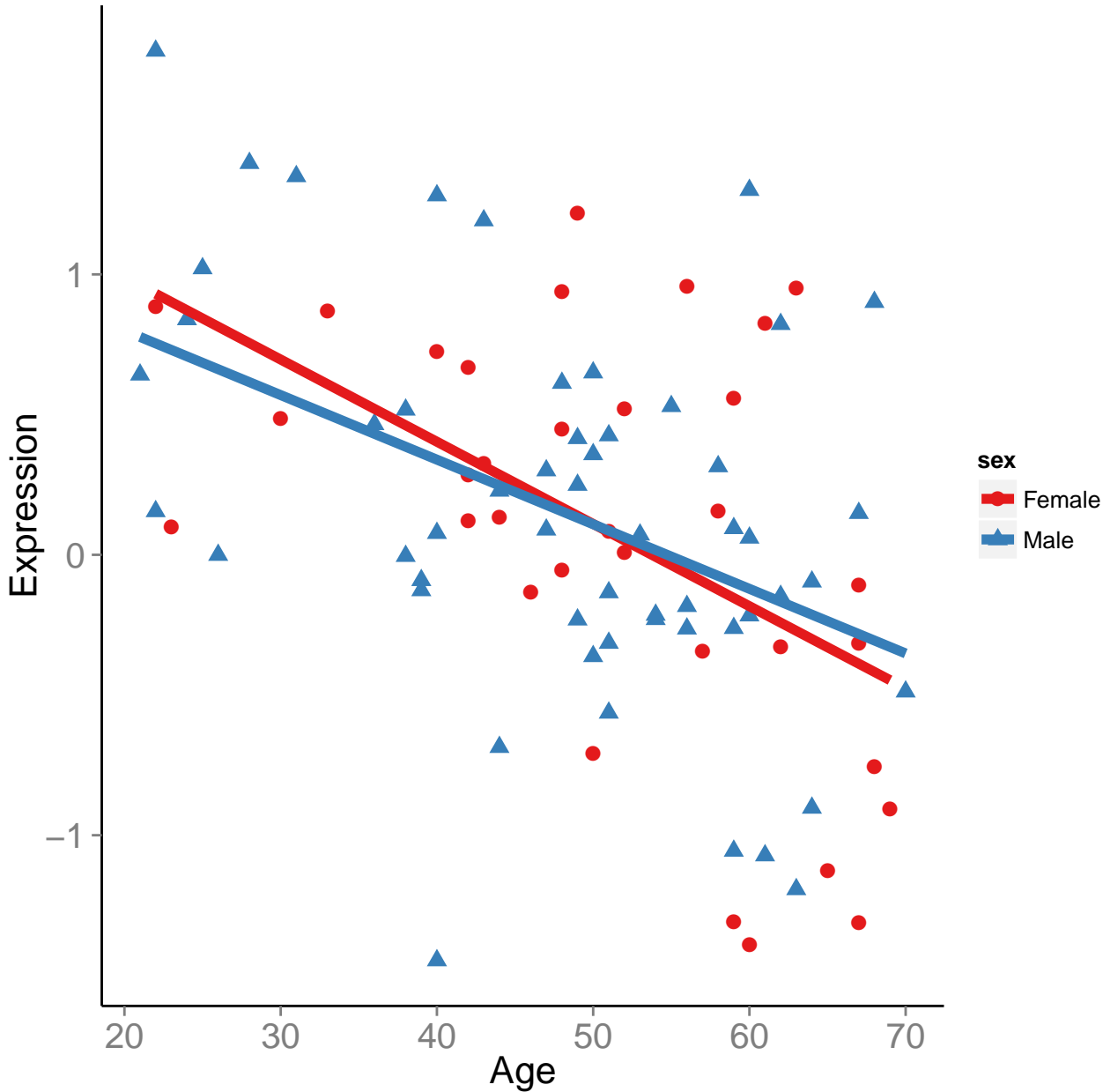
Nerve: CDC42EP5 Pearson-R=0.46 Pval=5.84E-06



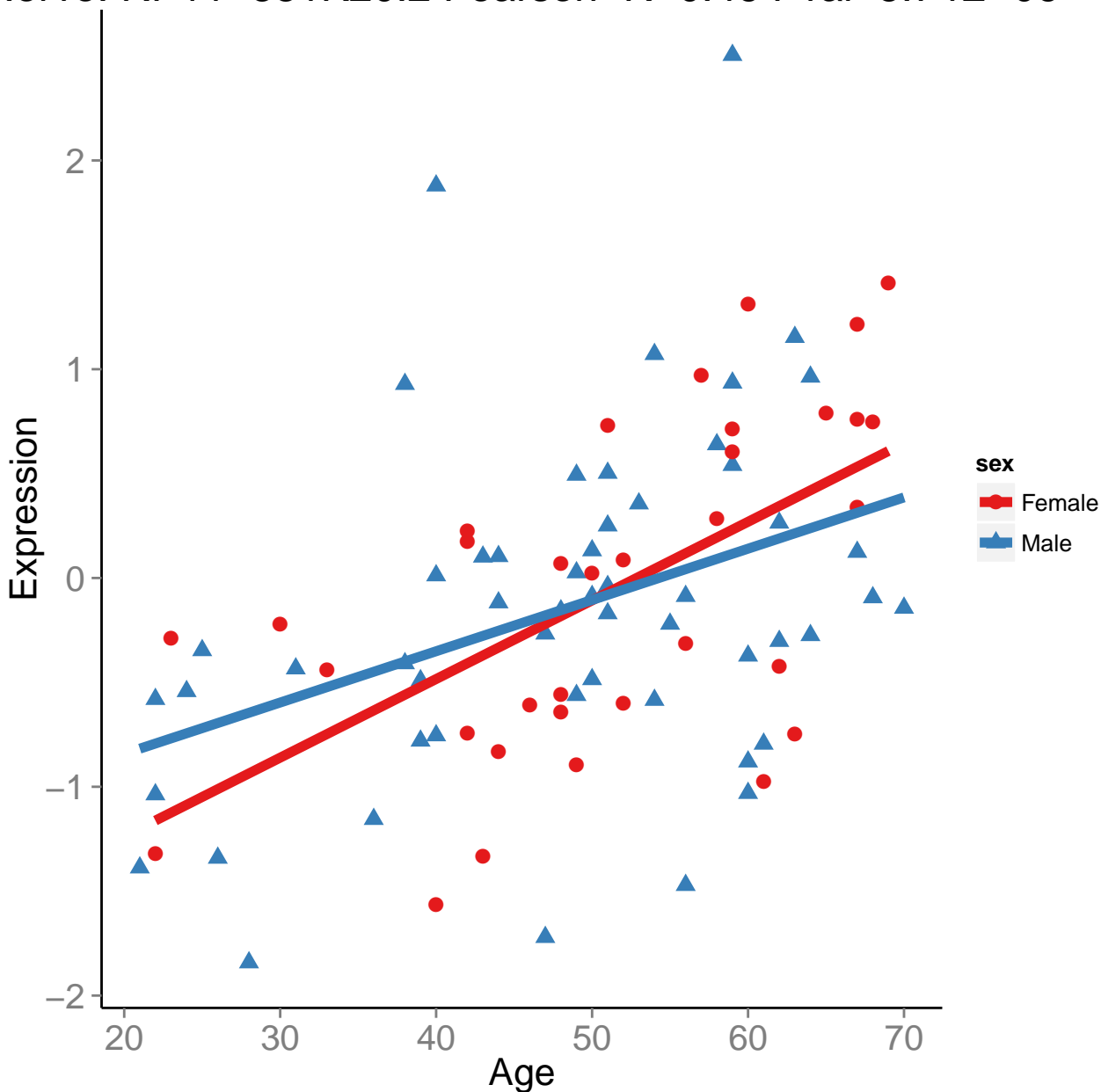
Nerve: RP11-839D17.2 Pearson-R=0.46 Pval=5.38E-06



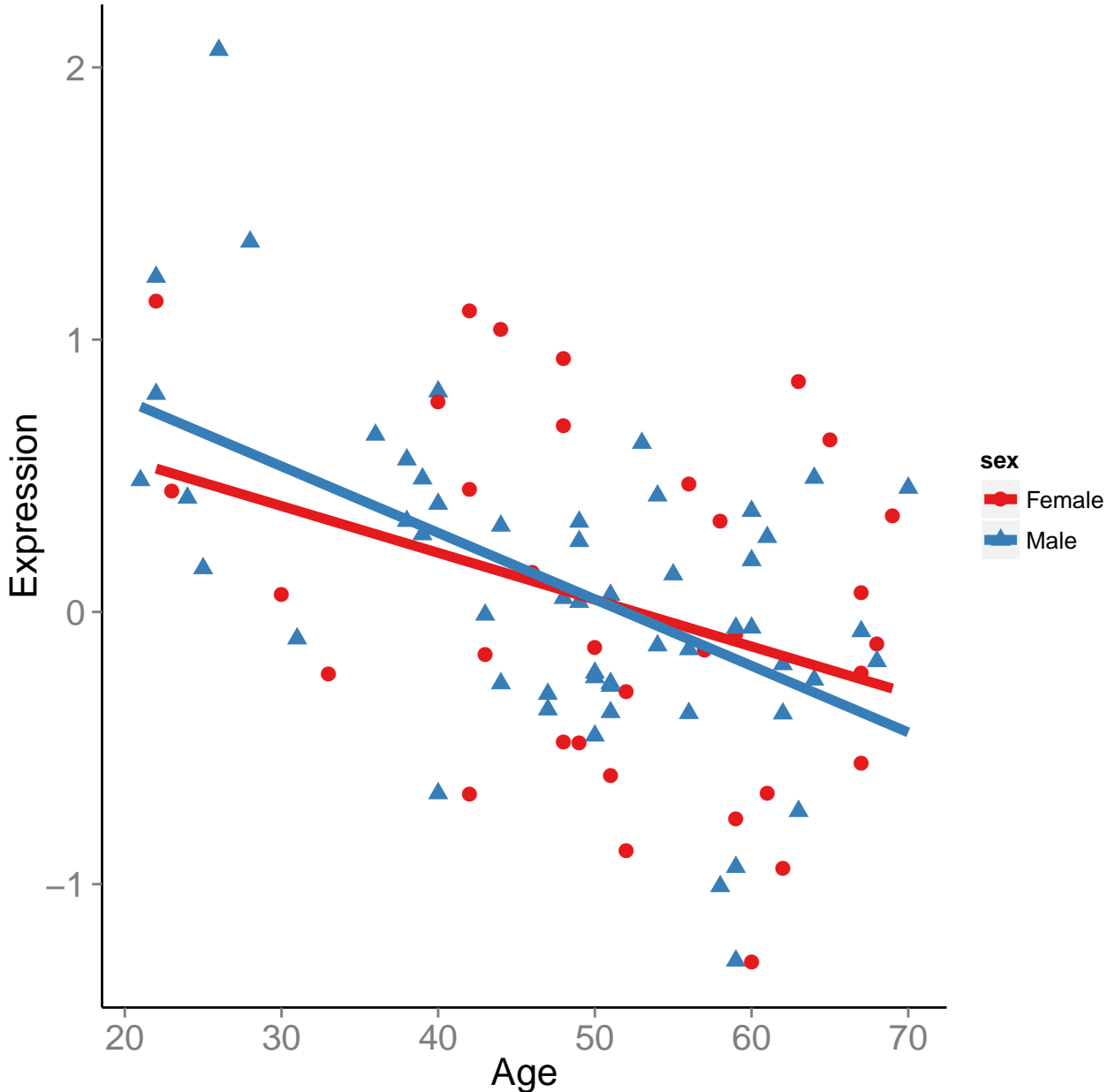
Nerve: PALMD Pearson-R=-0.46 Pval=5.15E-06



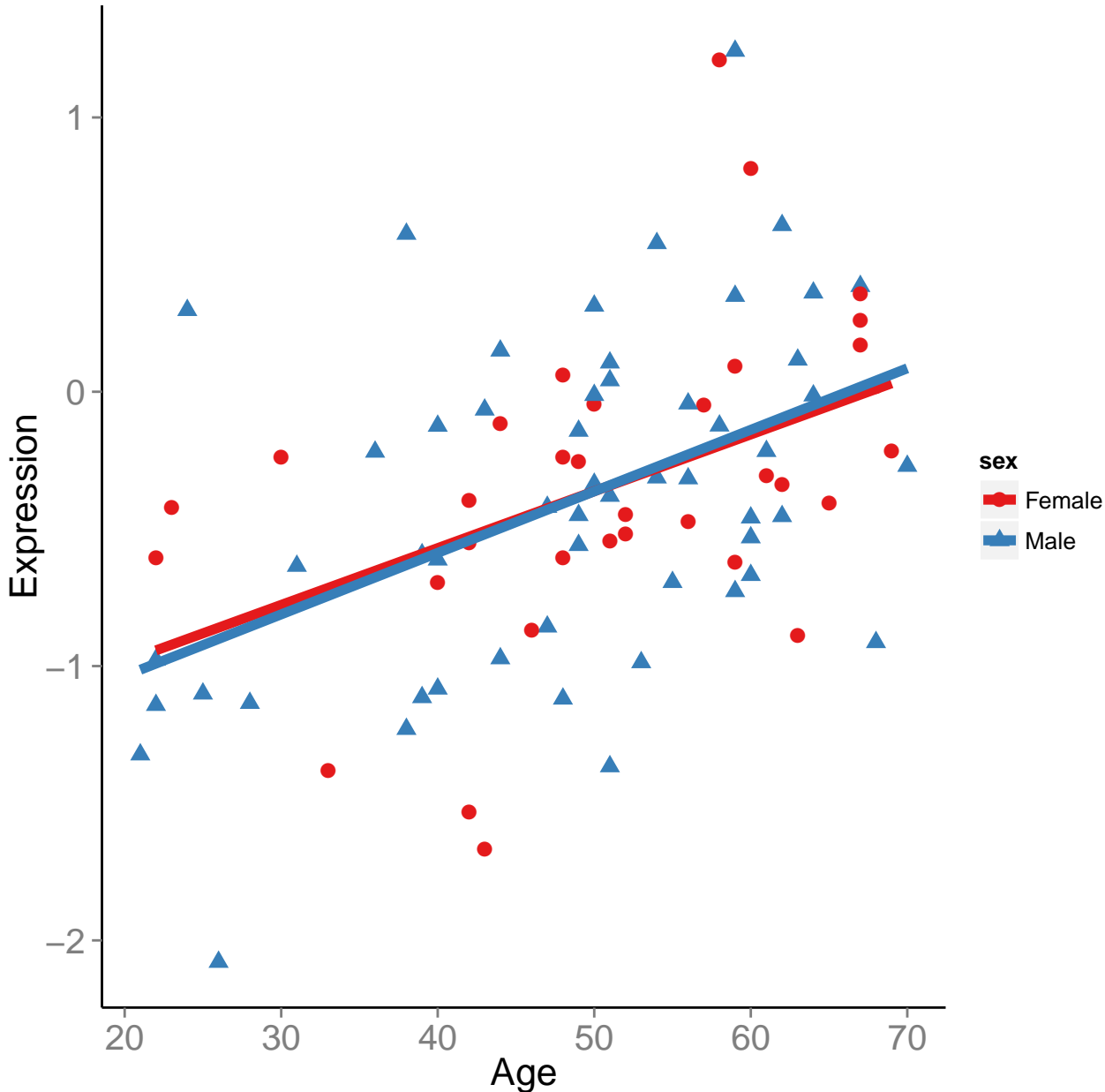
Nerve: RP11-381K20.2 Pearson-R=0.46 Pval=5.74E-06



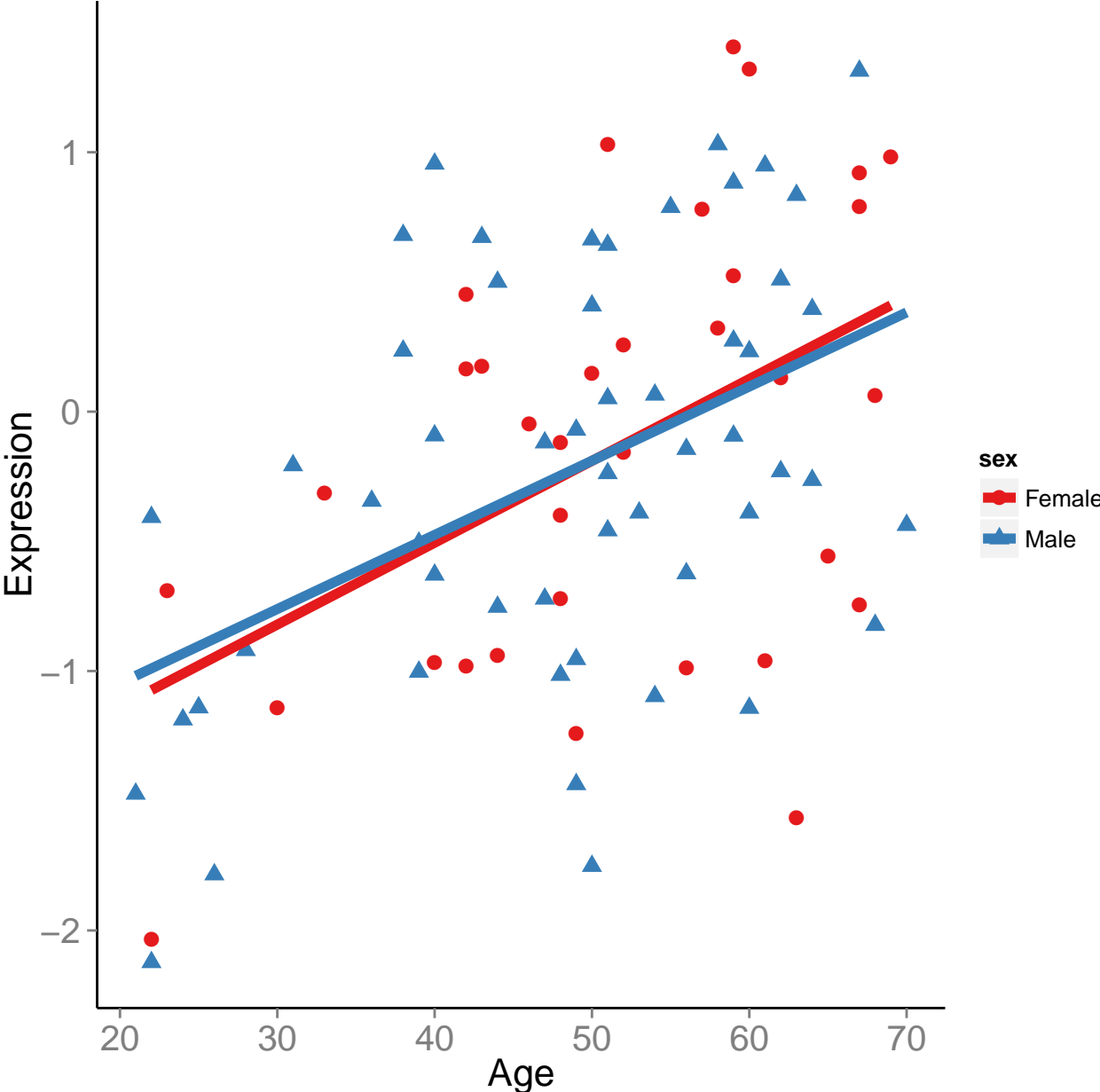
Nerve: TRAK1 Pearson-R=-0.46 Pval=5.58E-06



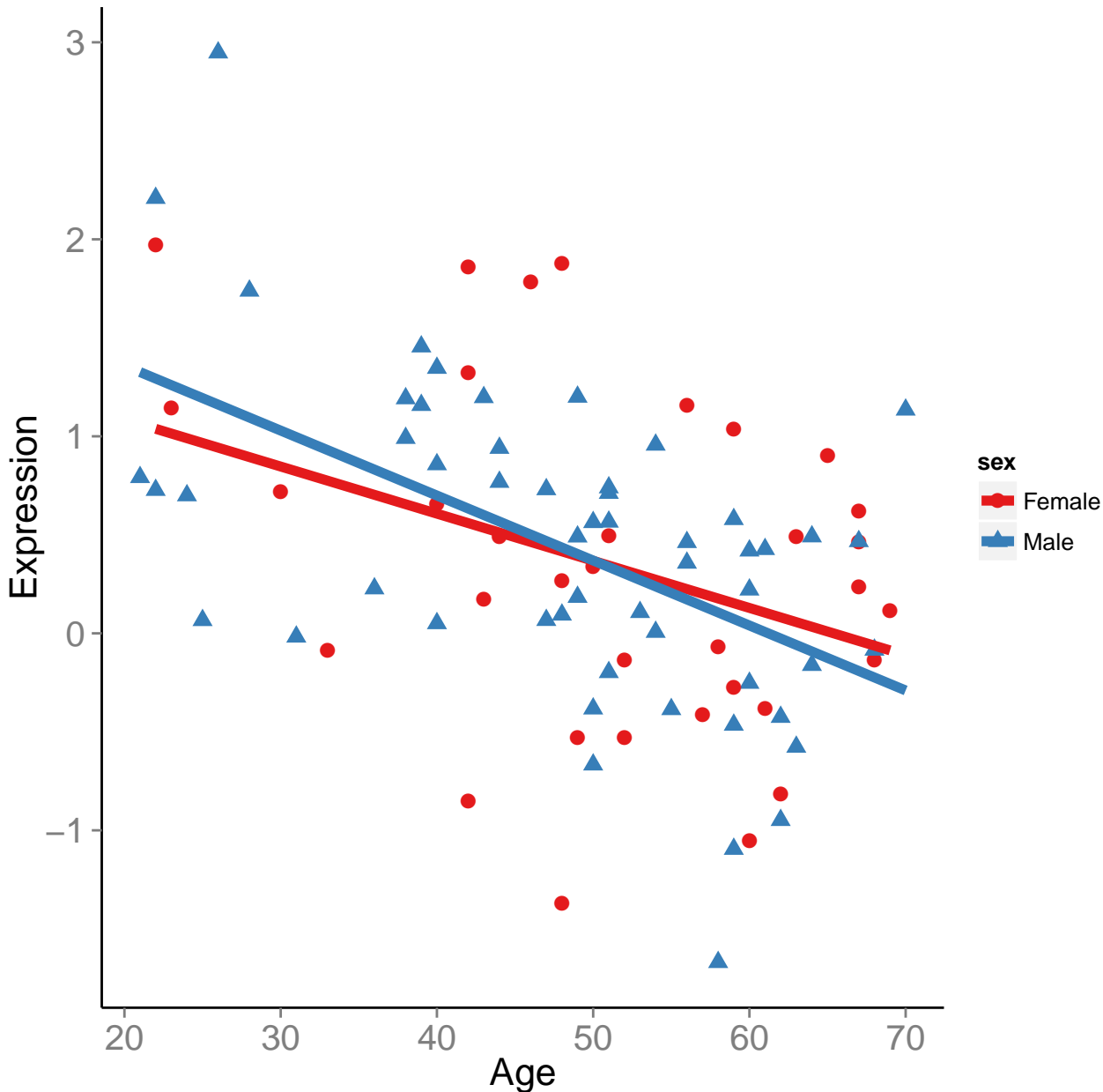
Nerve: NTNG1 Pearson-R=0.46 Pval=5.41E-06



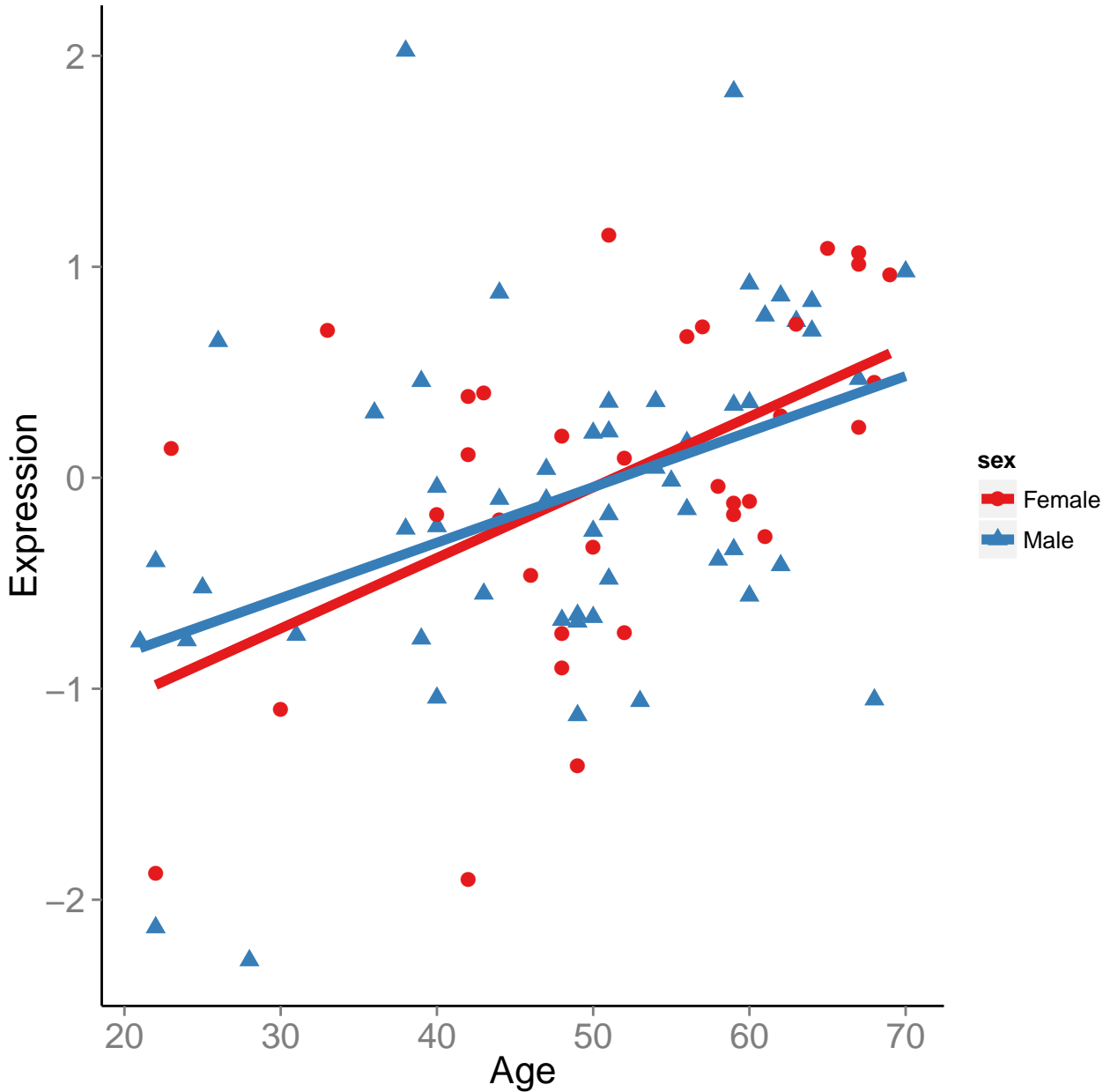
Nerve: KCTD1 Pearson-R=0.46 Pval=5.78E-06



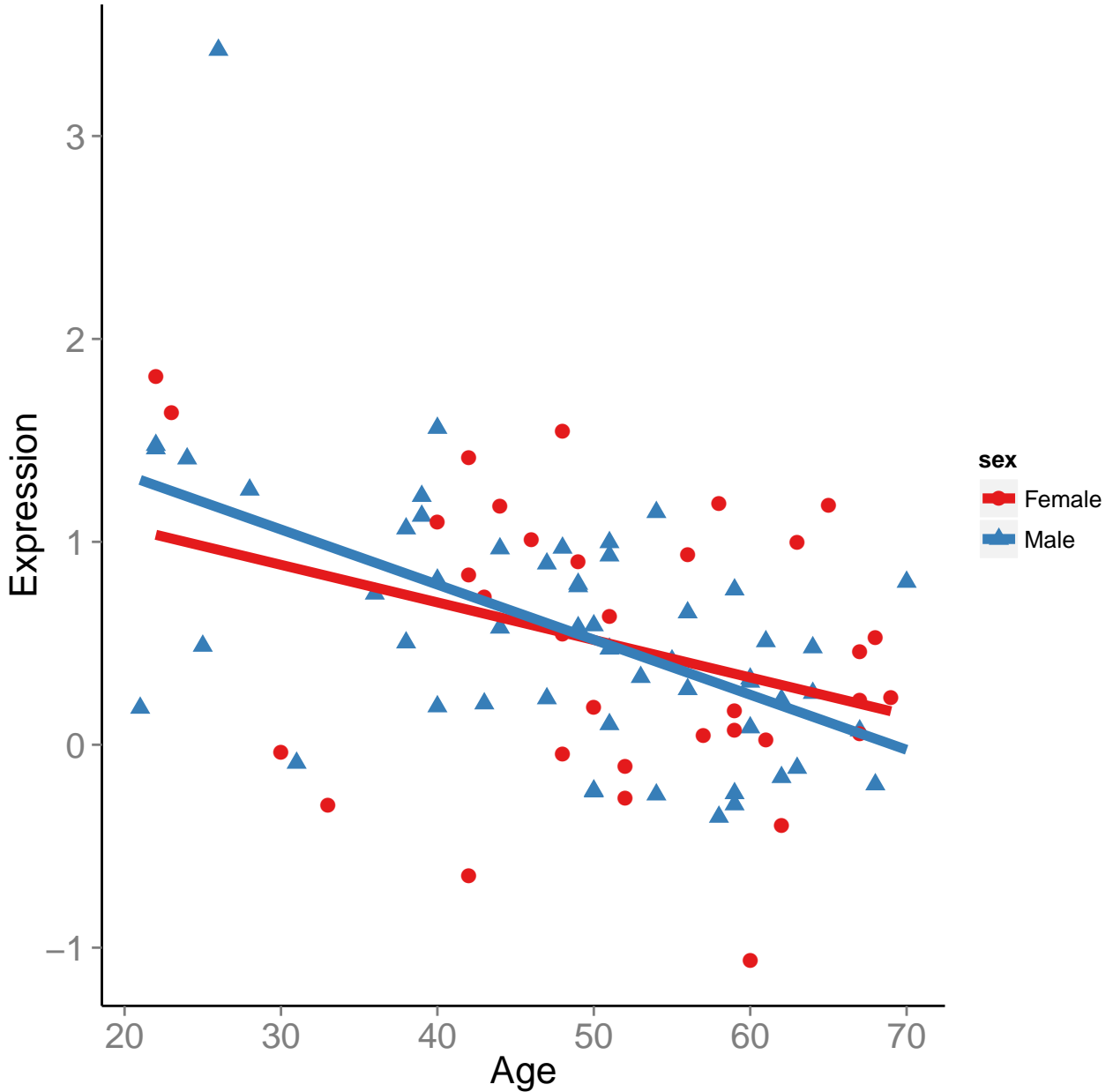
Nerve: SYNDIG1 Pearson-R=-0.46 Pval=5.82E-06



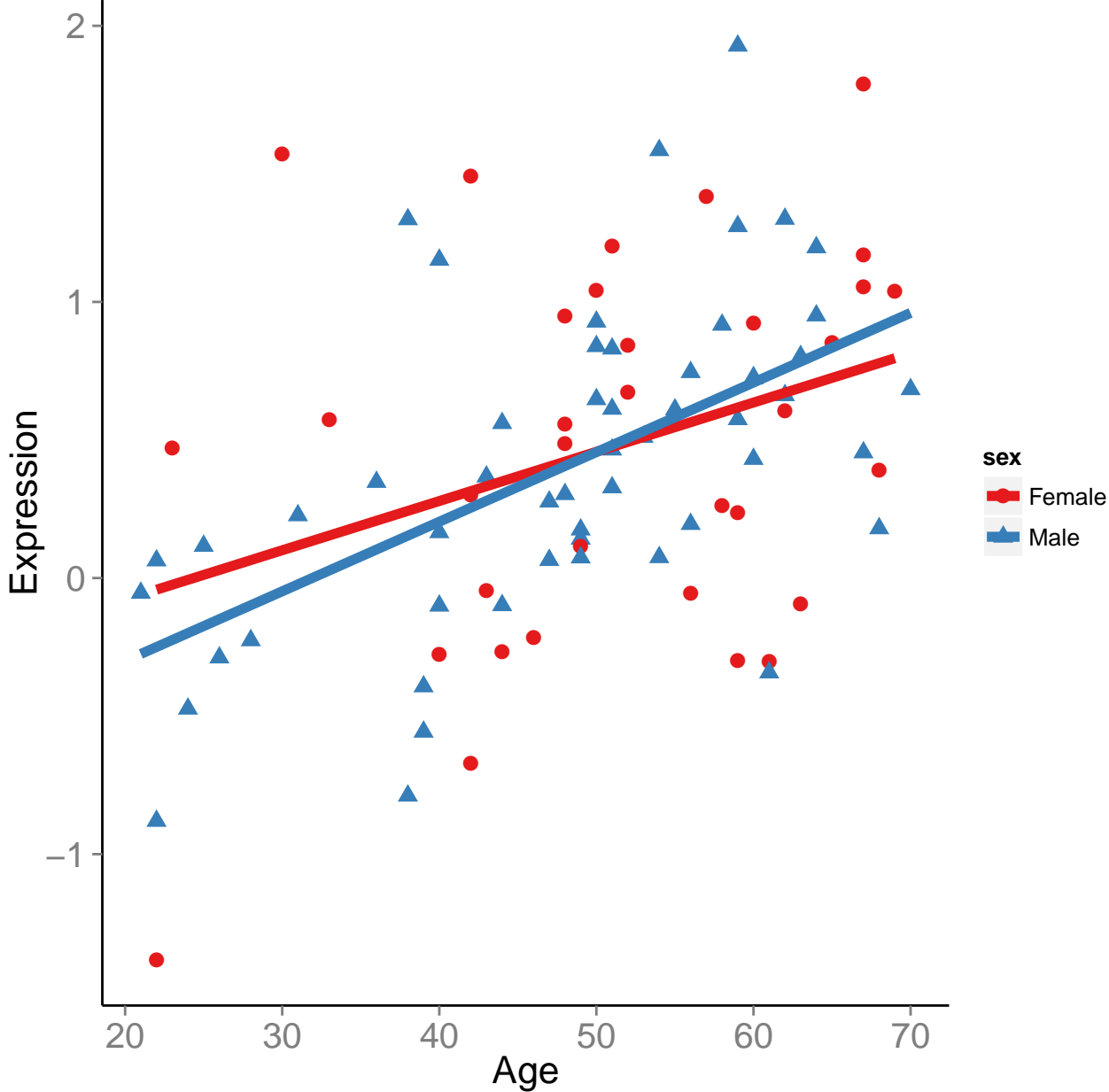
Nerve: CNKSR3 Pearson-R=0.46 Pval=5.69E-06



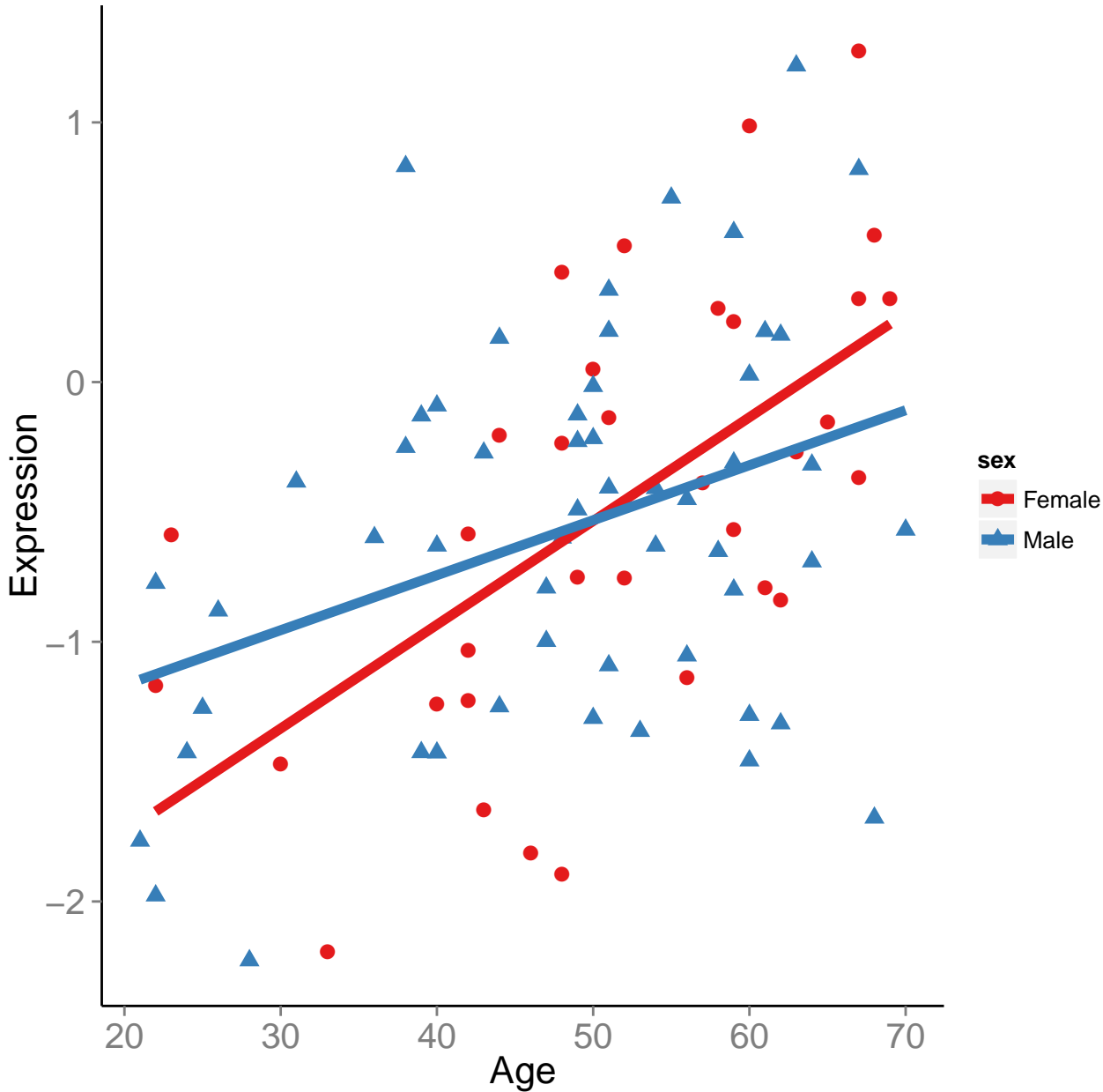
Nerve: CHP2 Pearson-R=-0.46 Pval=5.42E-06



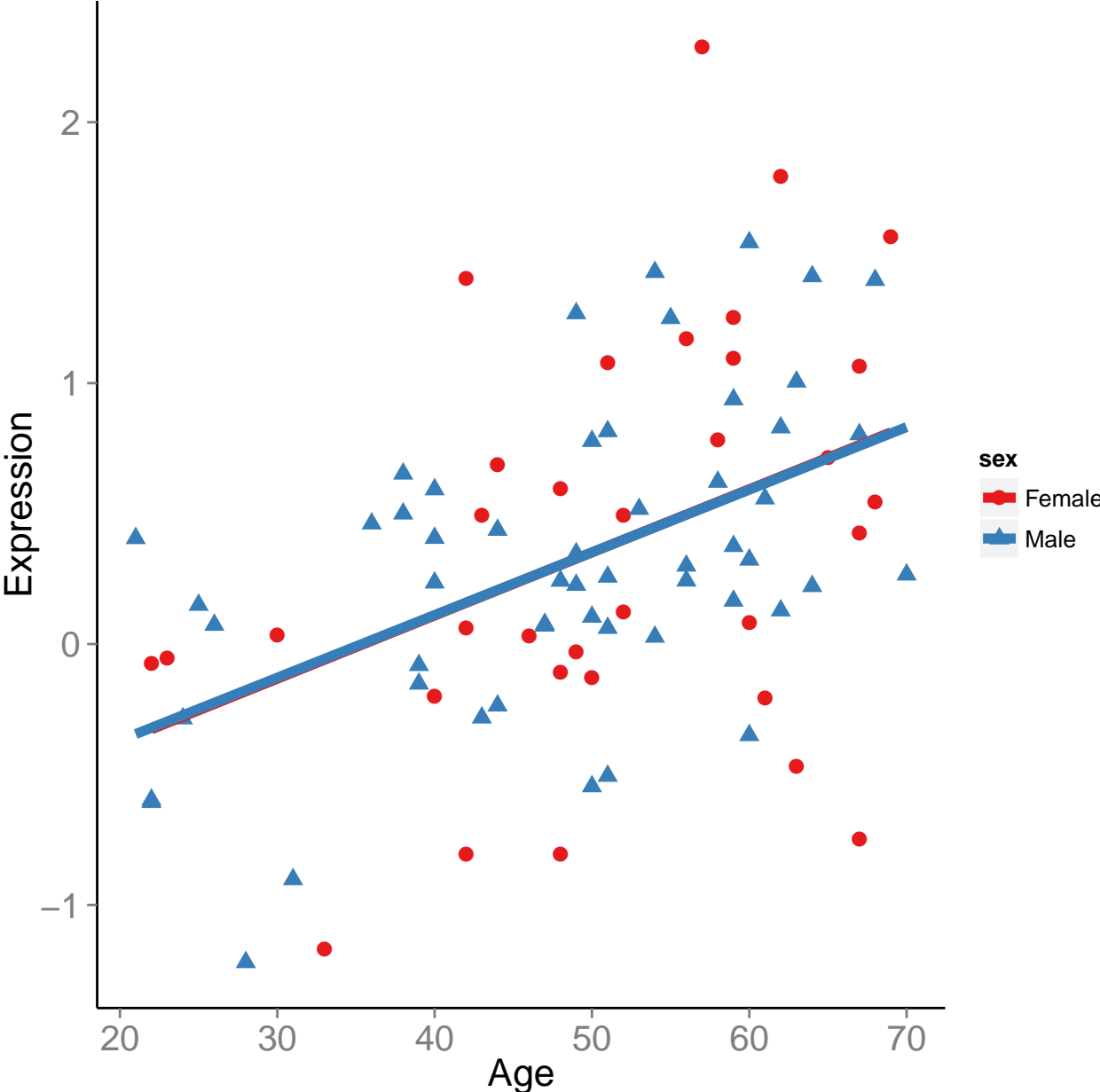
Nerve: AHCTF1 Pearson-R=0.46 Pval=6.07E-06



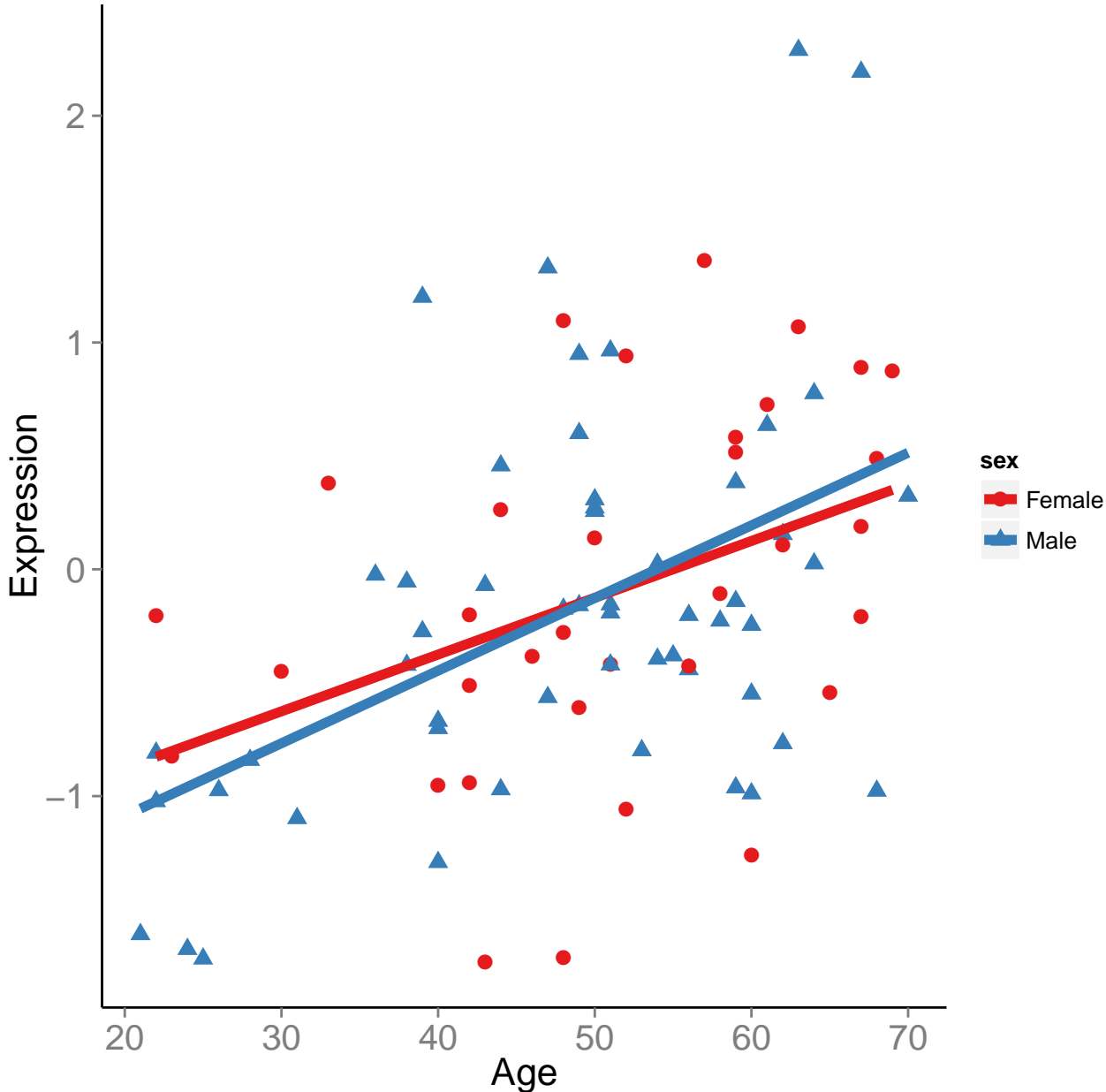
Nerve: SLC35F1 Pearson-R=0.46 Pval=6.00E-06



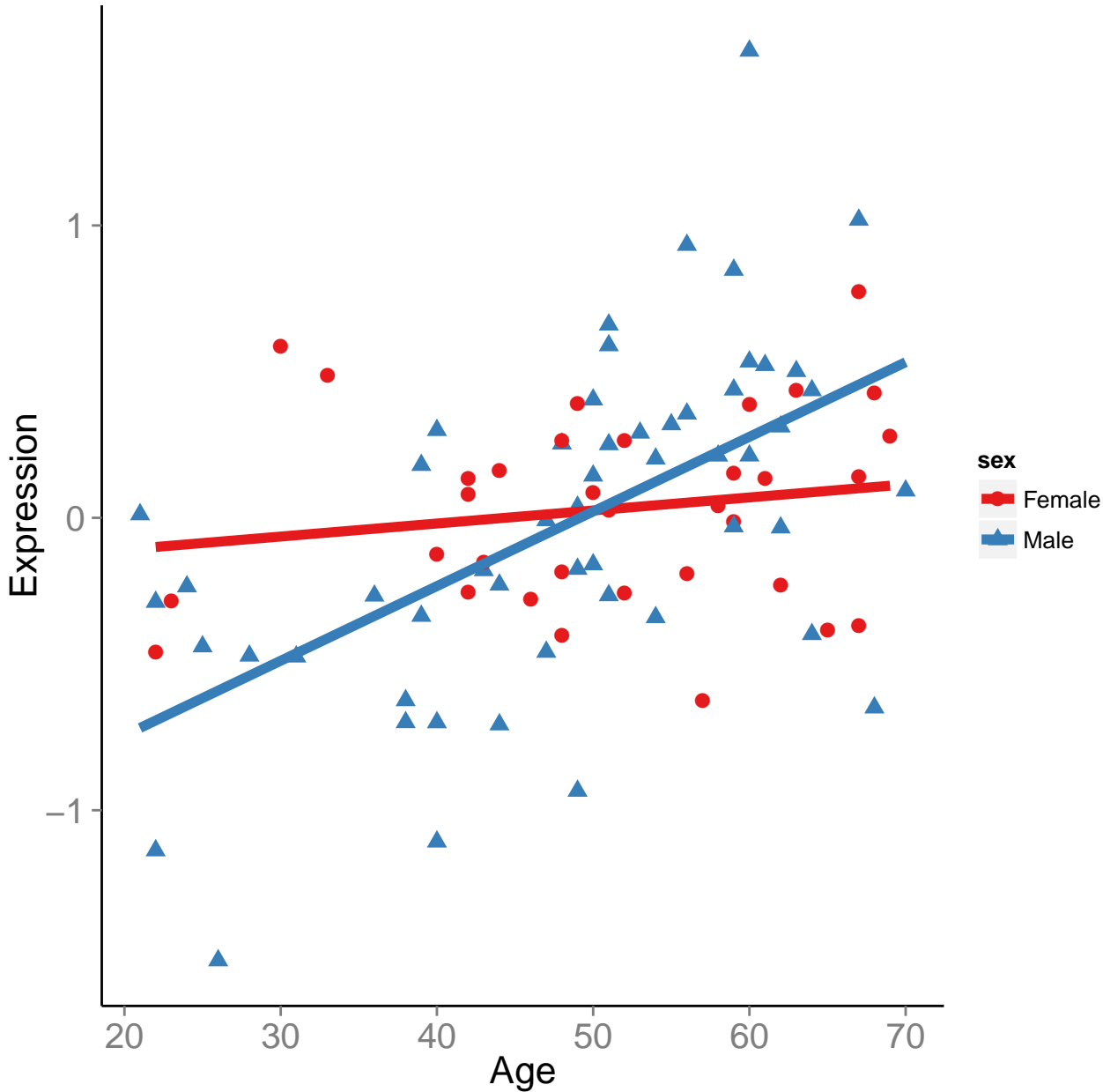
Nerve: PLOD1 Pearson-R=0.46 Pval=7.20E-06



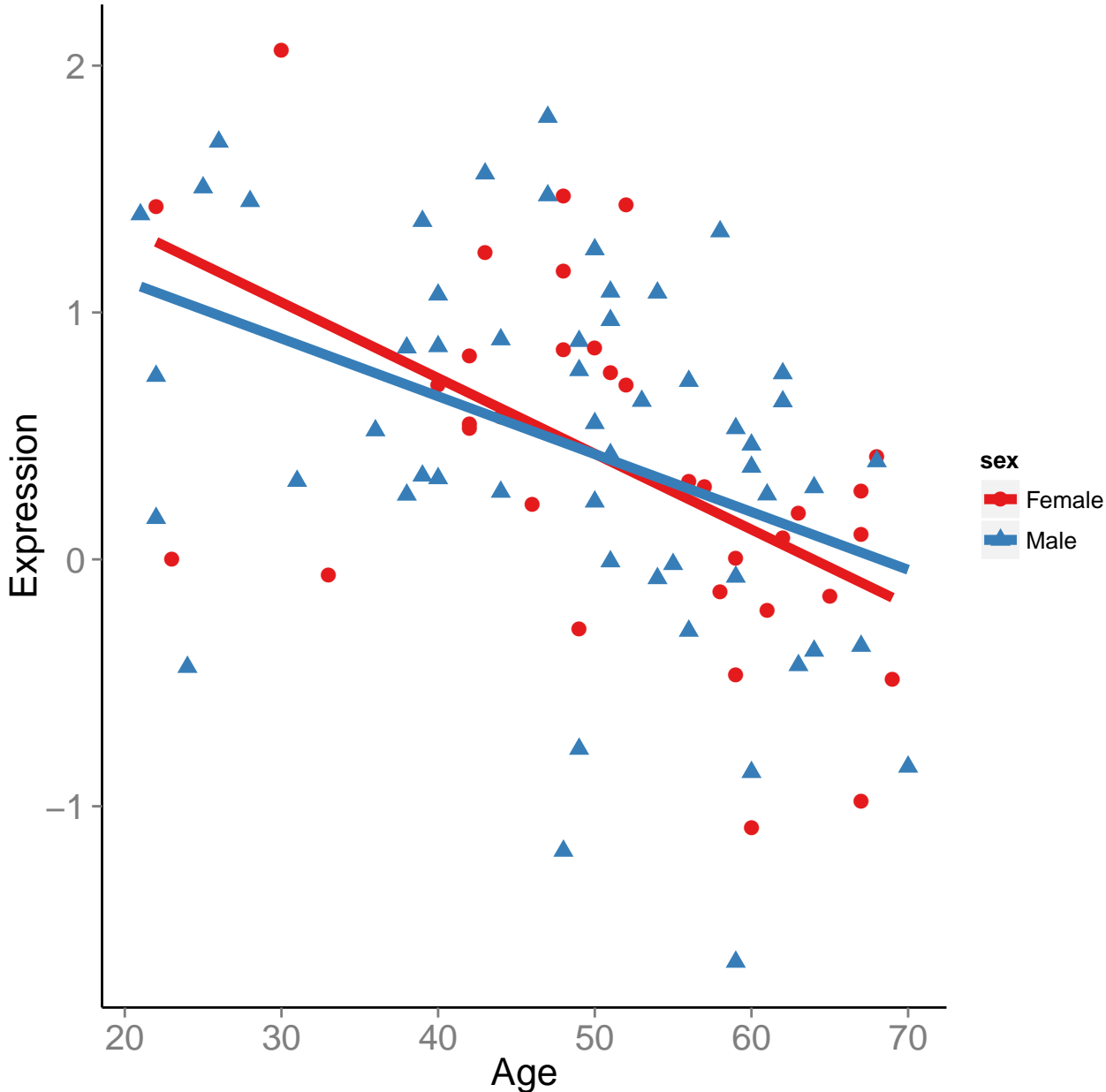
Nerve: RNF157 Pearson-R=0.46 Pval=7.22E-06



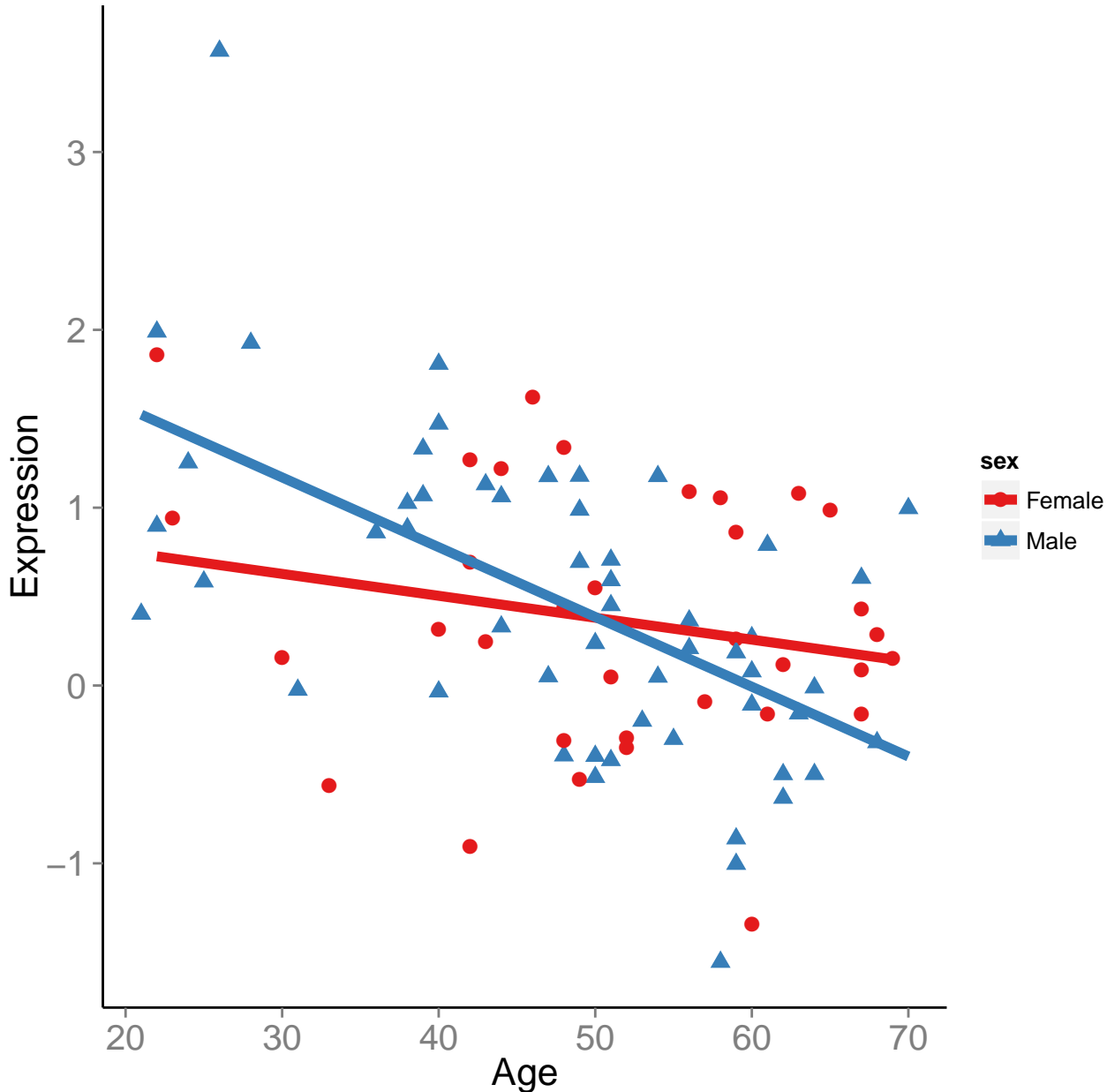
Nerve: LMF2 Pearson-R=0.46 Pval=7.42E-06



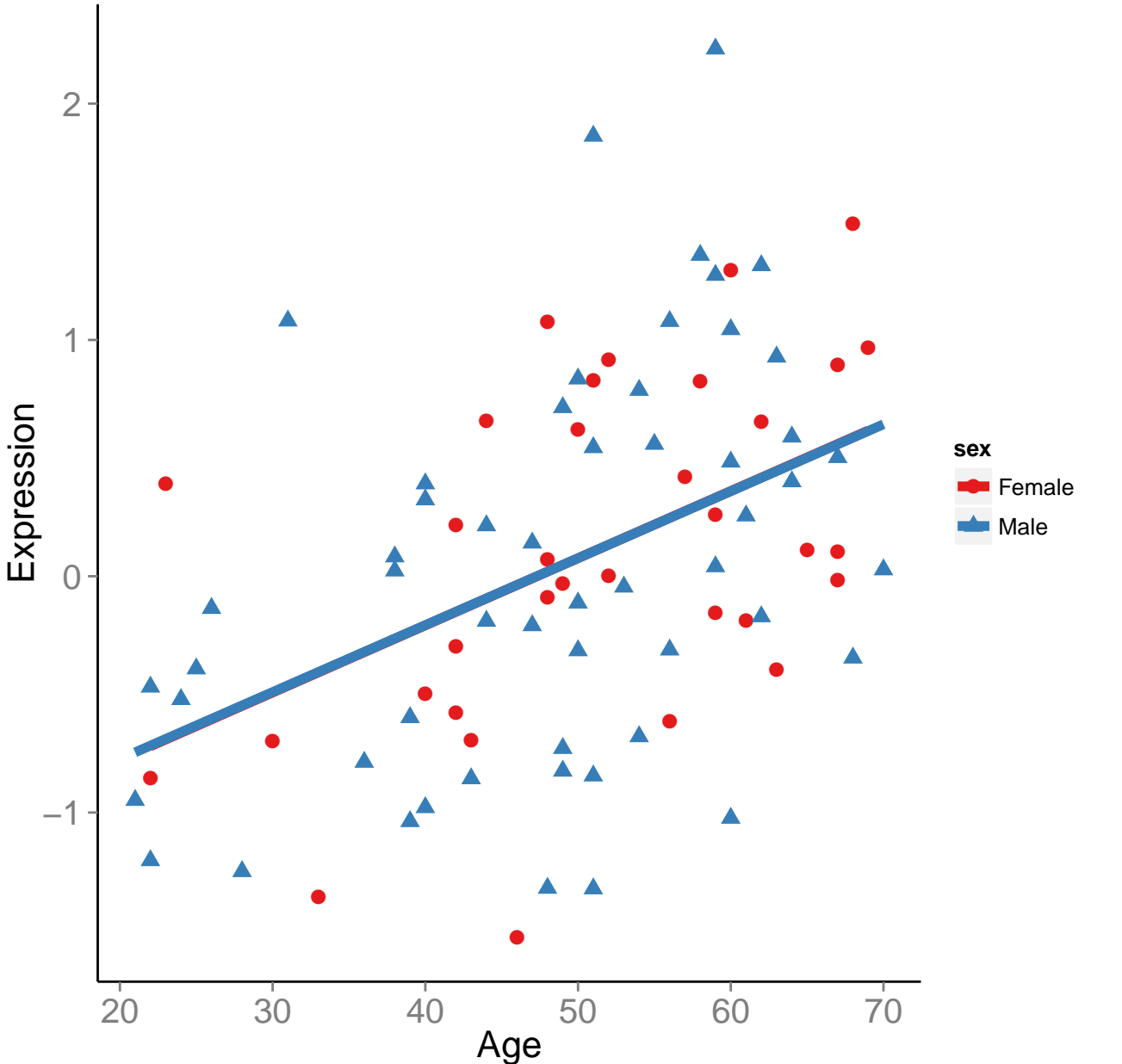
Nerve: RP11-626G11.3 Pearson-R=-0.46 Pval=7.57E-06



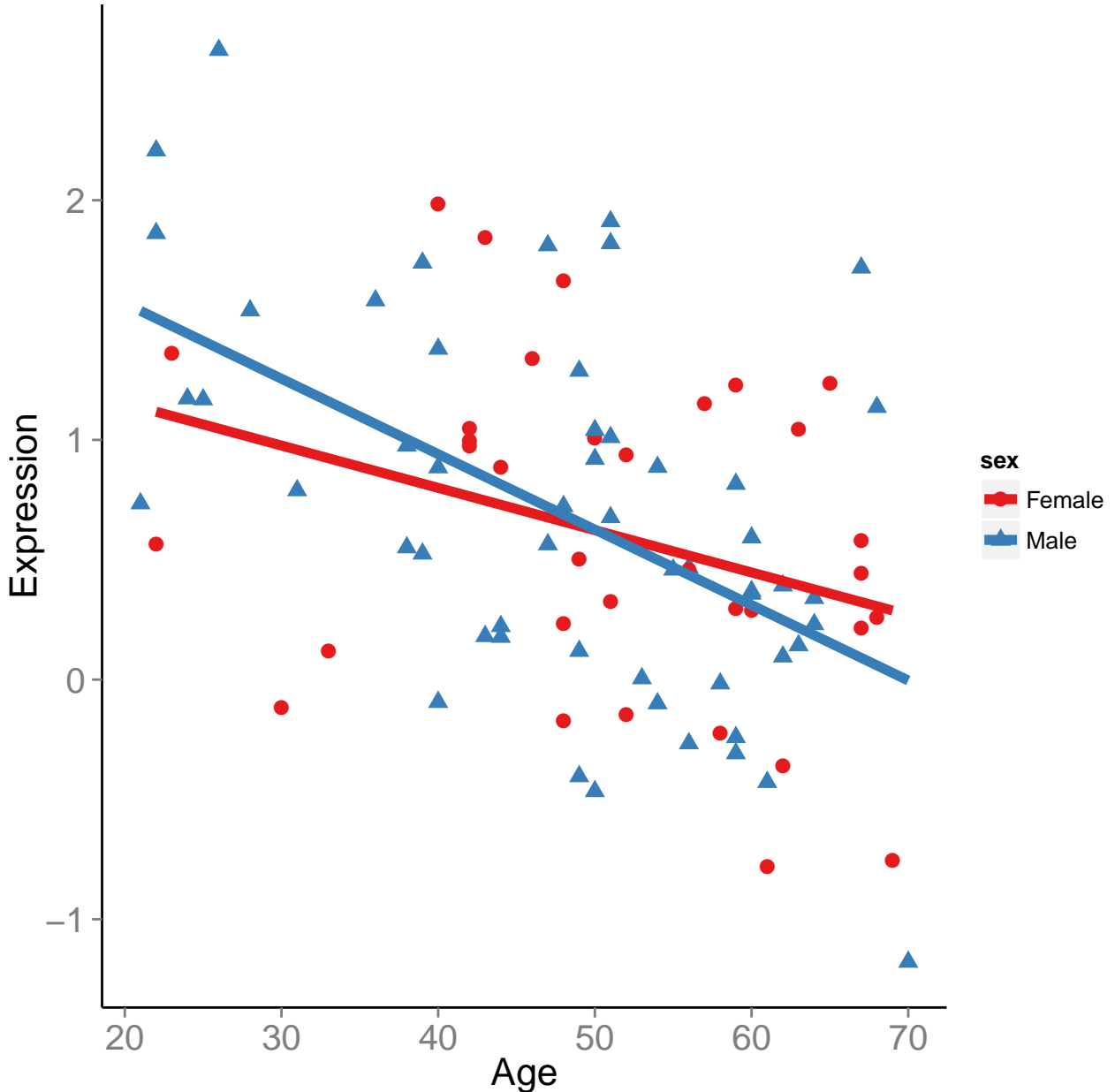
Nerve: TTC9 Pearson-R=-0.46 Pval=7.51E-06



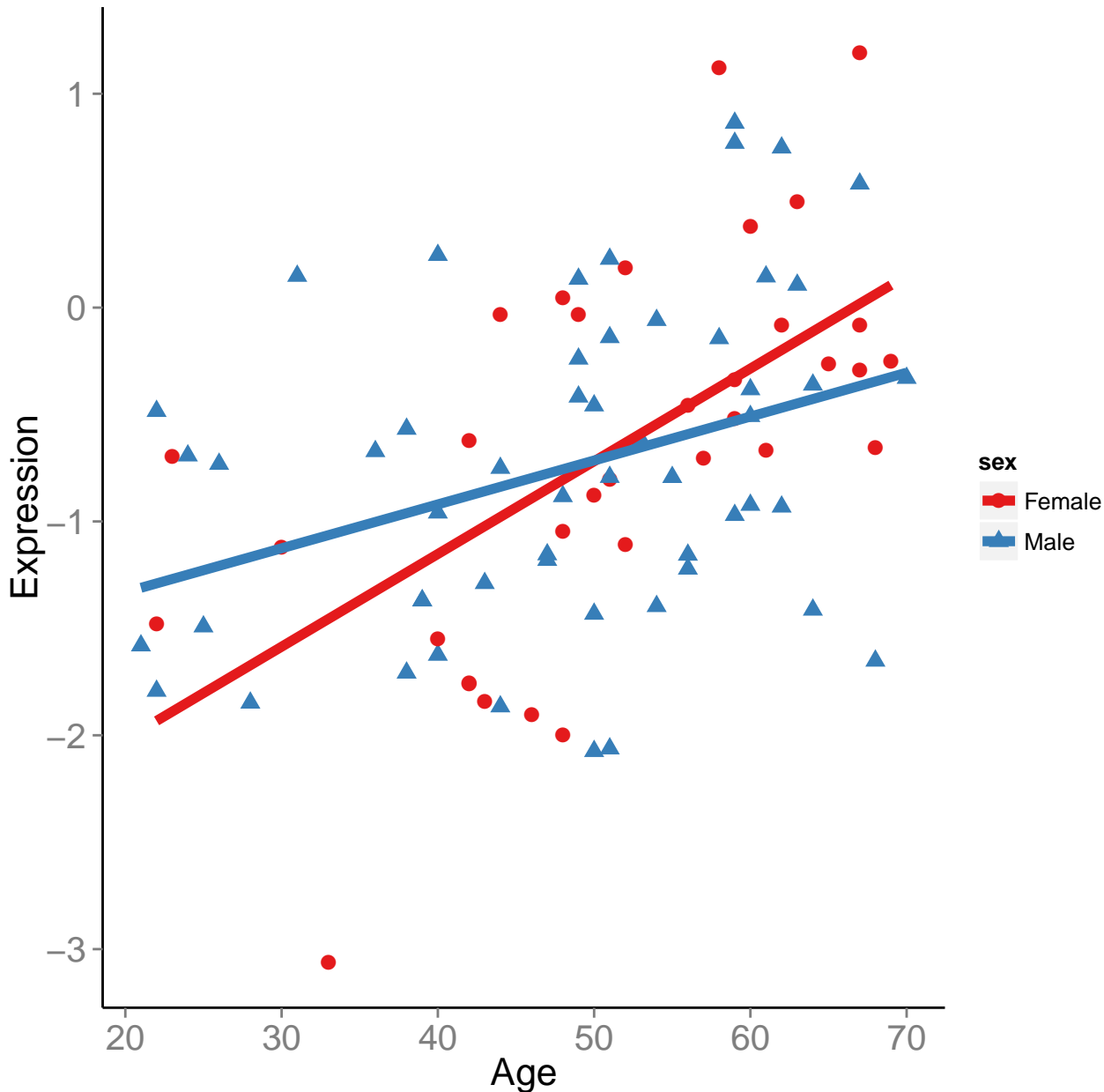
Nerve: RP4-724E13.2 Pearson-R=0.46 Pval=7.80E-06



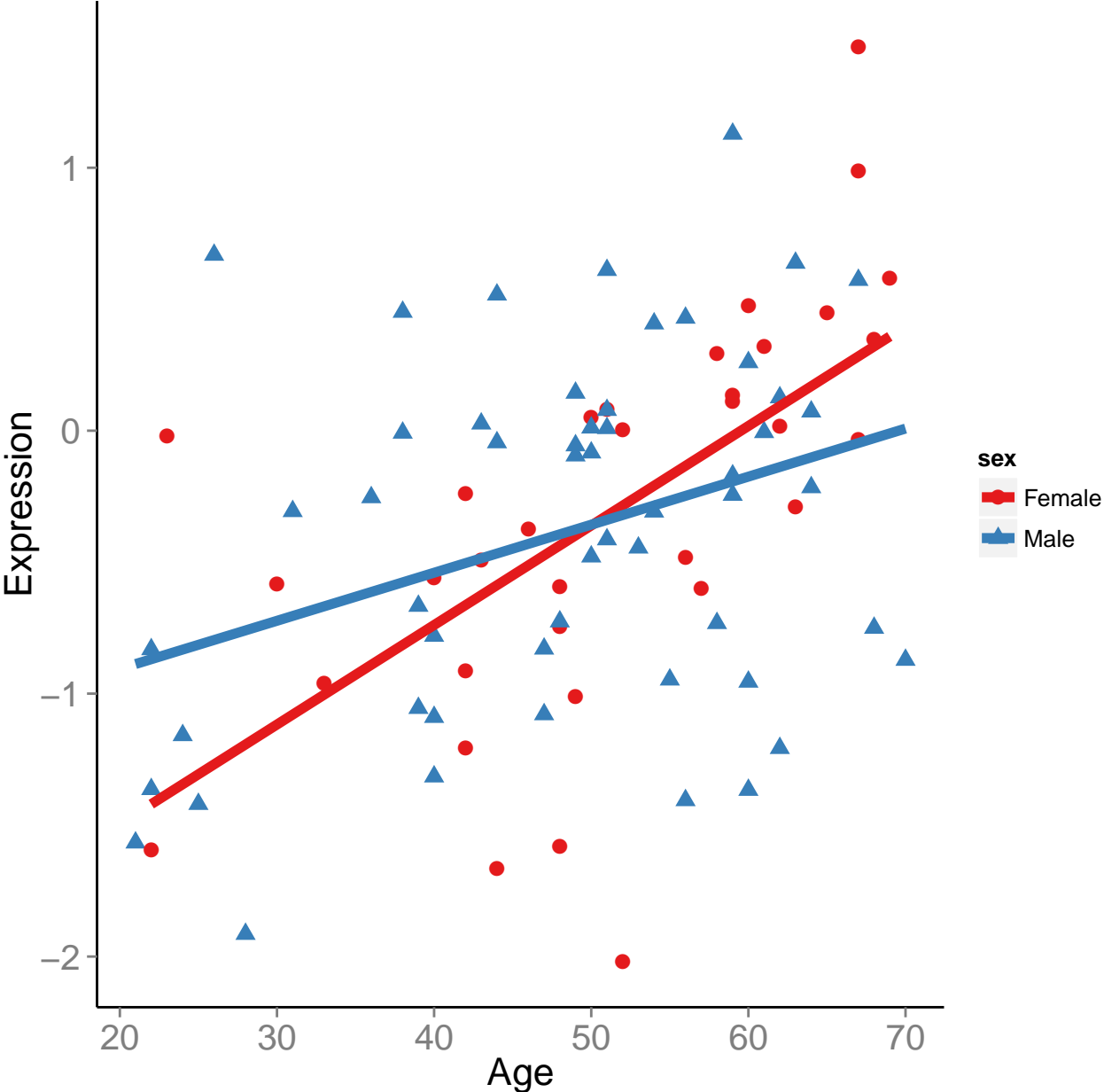
Nerve: NTN1 Pearson-R=-0.46 Pval=8.42E-06



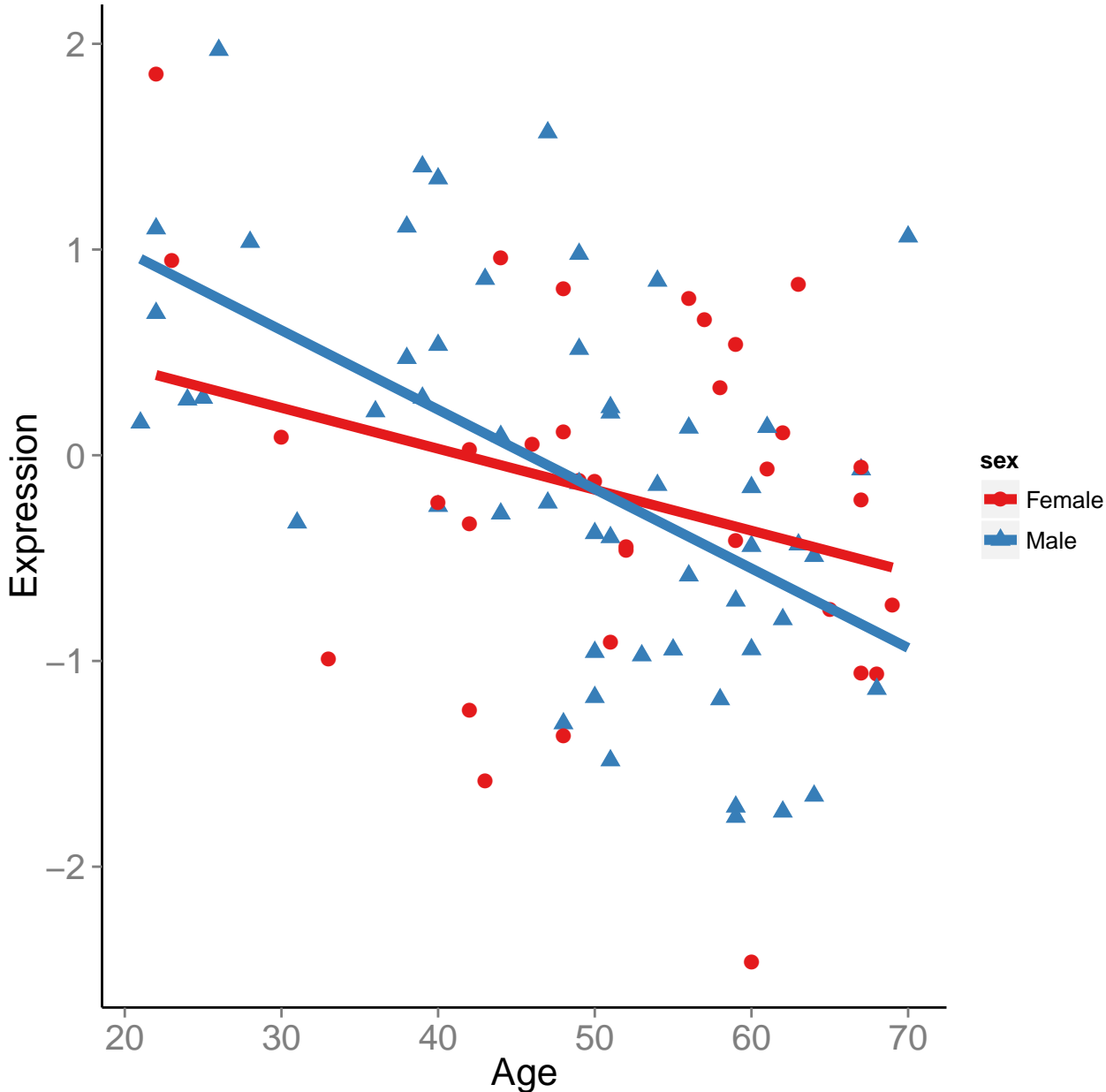
Nerve: TMEM176B Pearson-R=0.45 Pval=8.75E-06



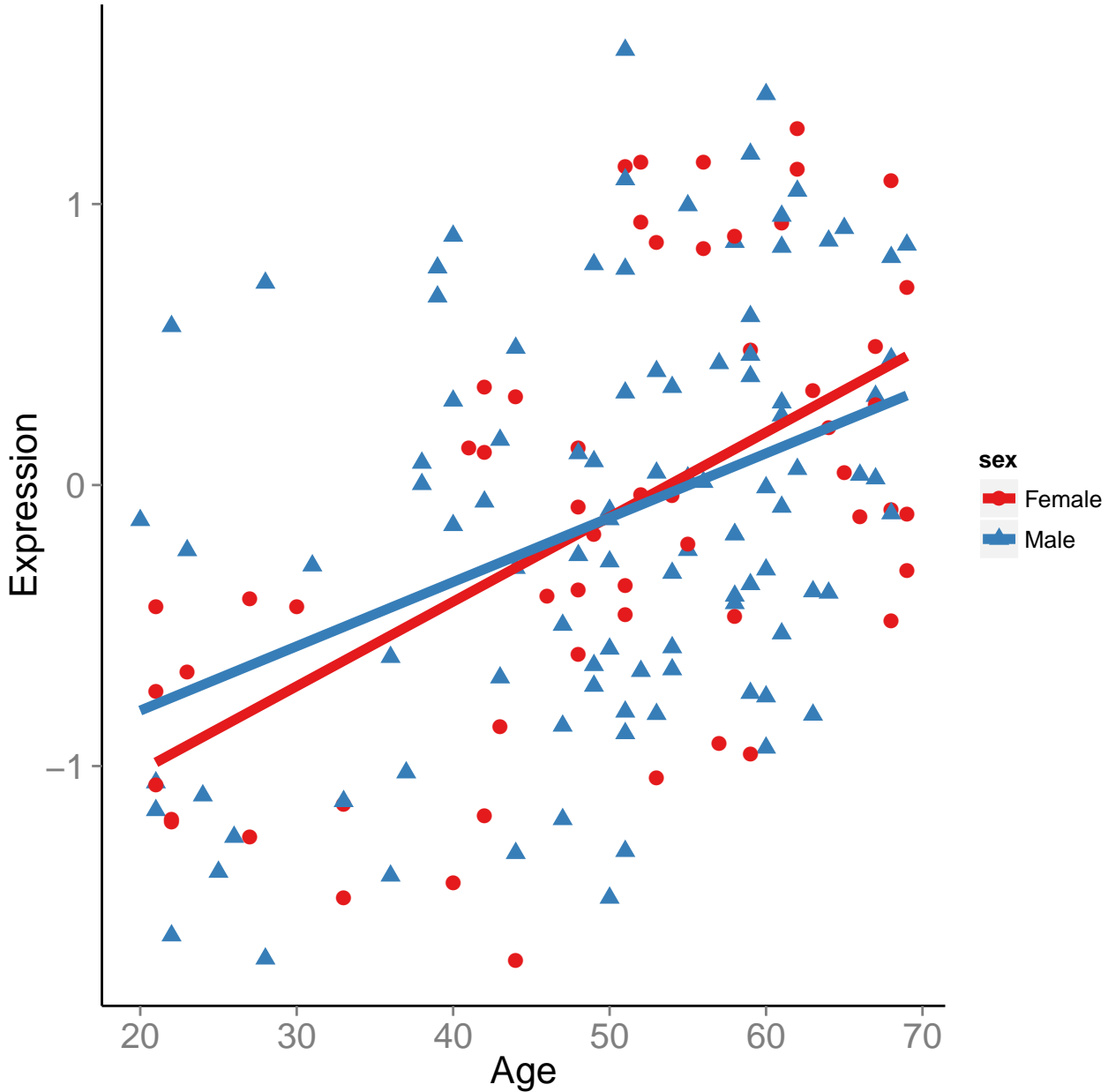
Nerve: ARAP2 Pearson-R=0.45 Pval=8.81E-06



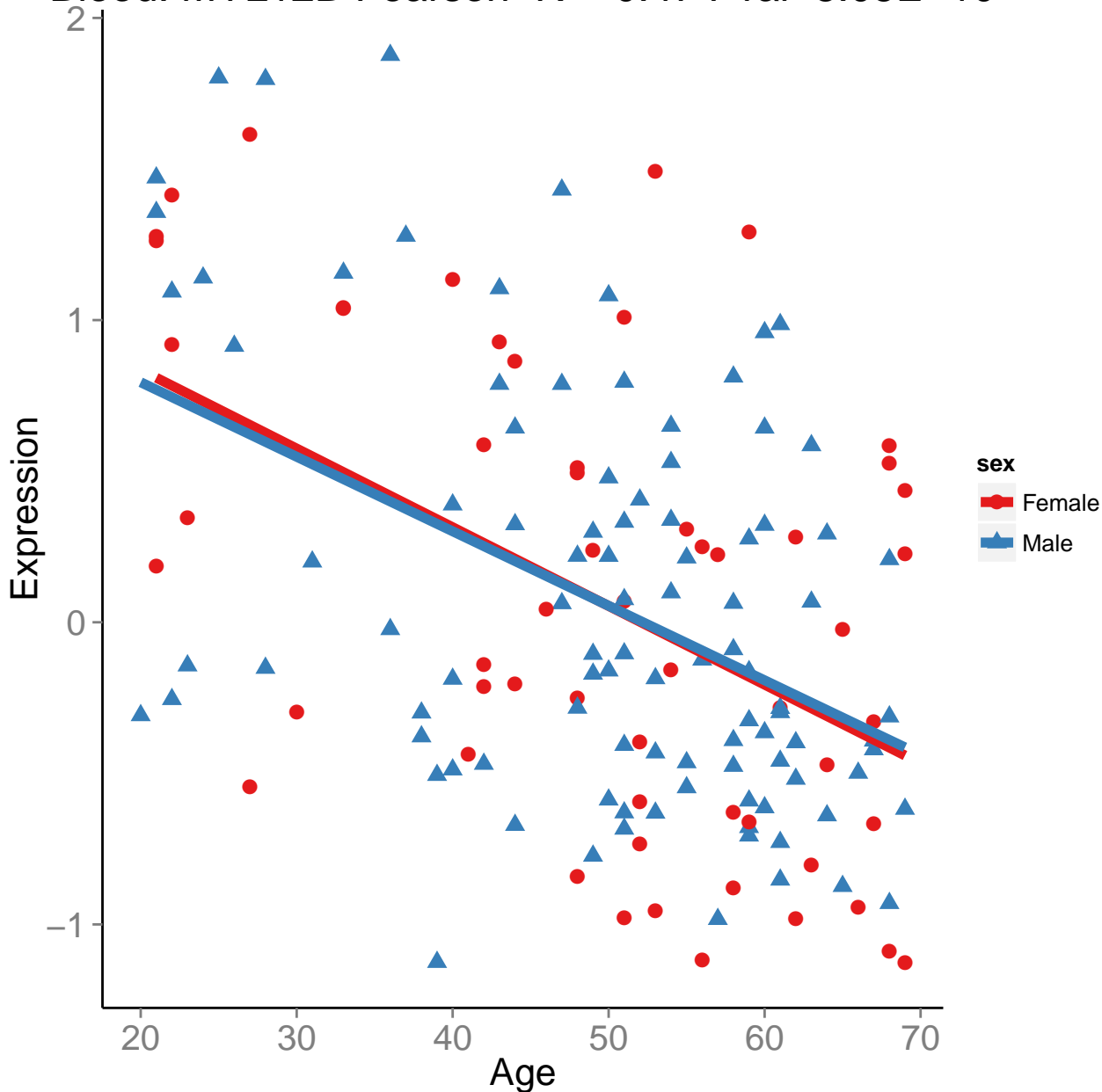
Nerve: VLDLR Pearson-R=-0.45 Pval=8.83E-06



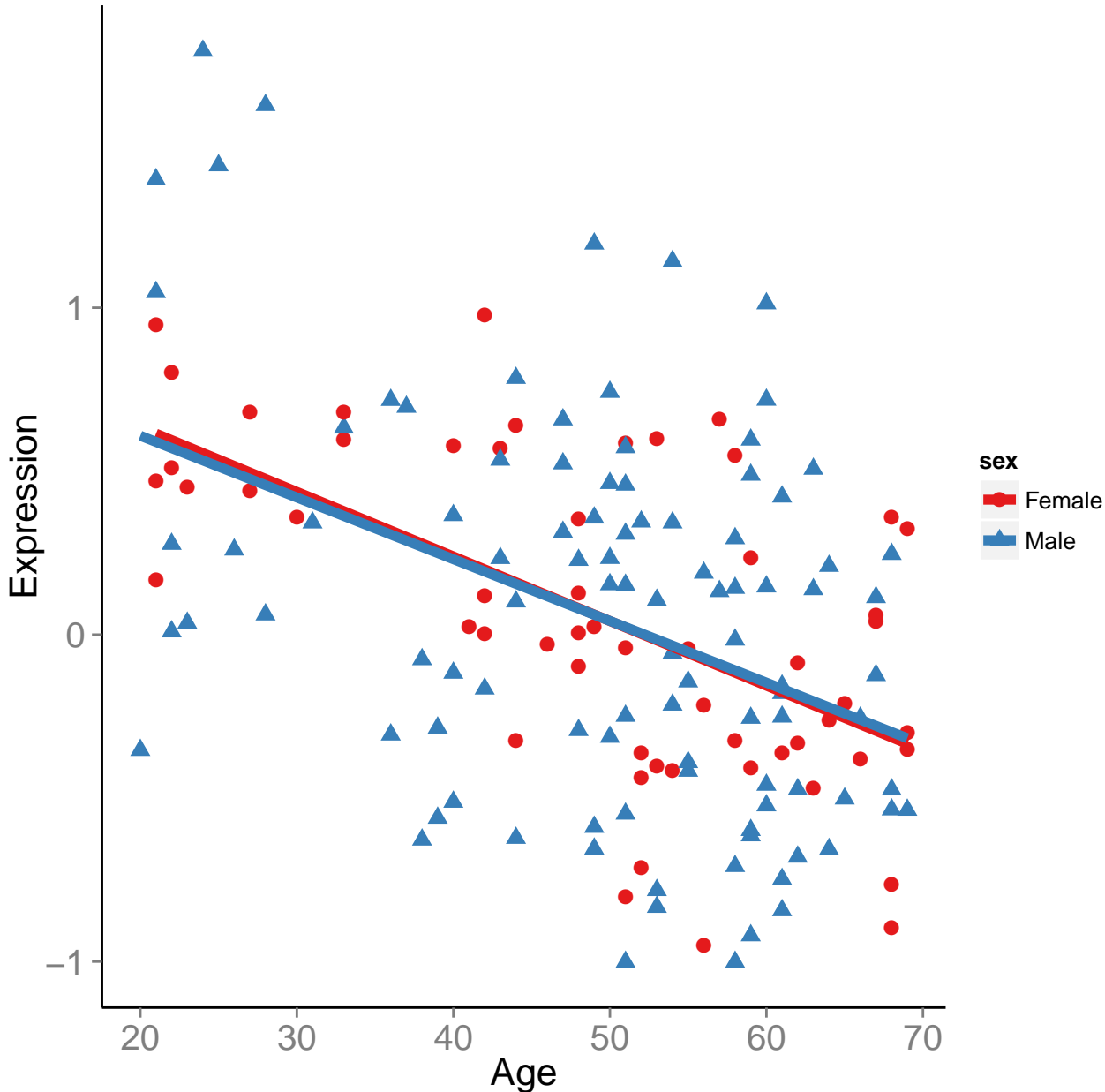
Blood: PLOD3 Pearson-R=0.46 Pval=1.66E-09



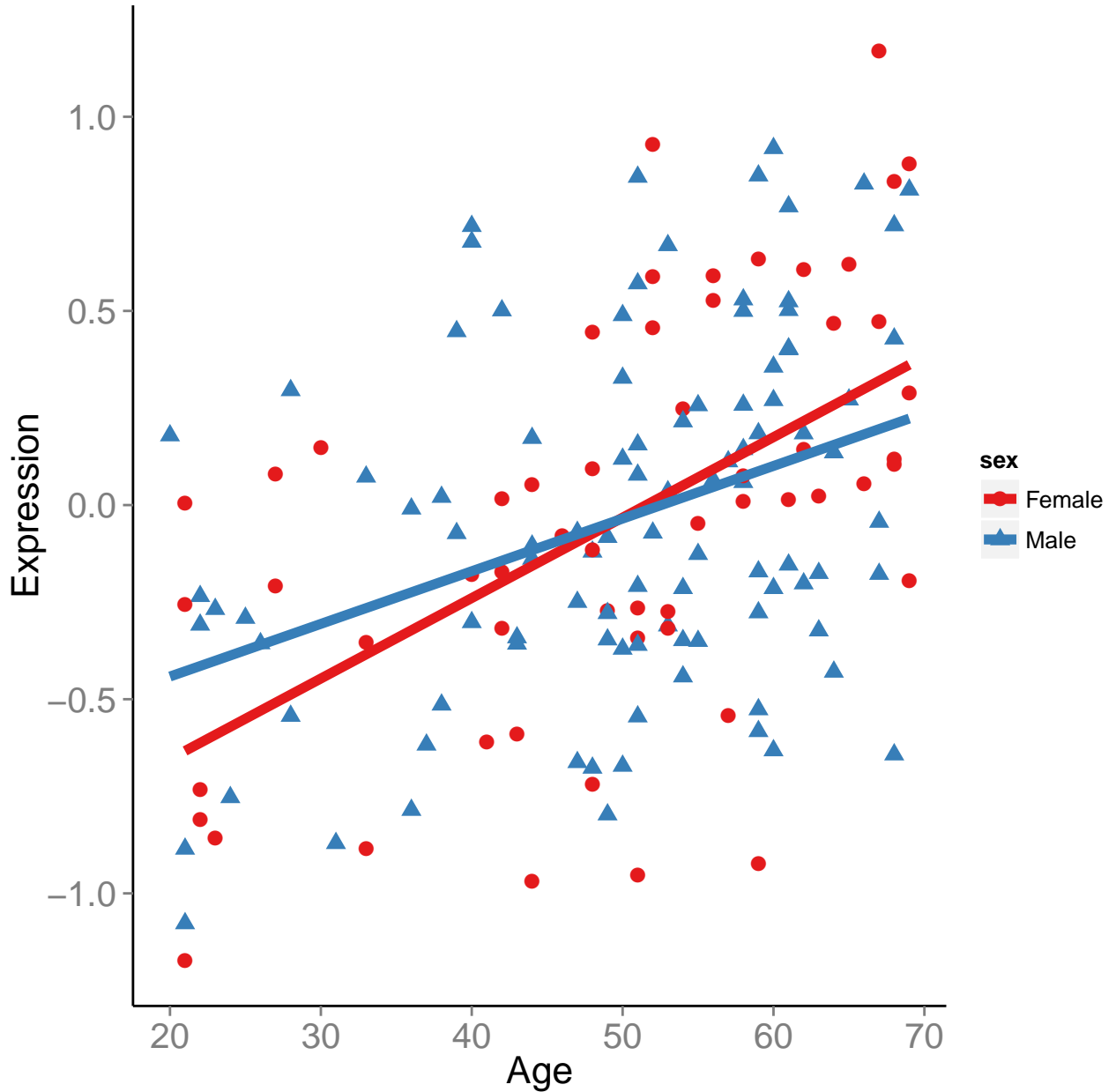
Blood: MYL12B Pearson-R=-0.47 Pval=8.05E-10



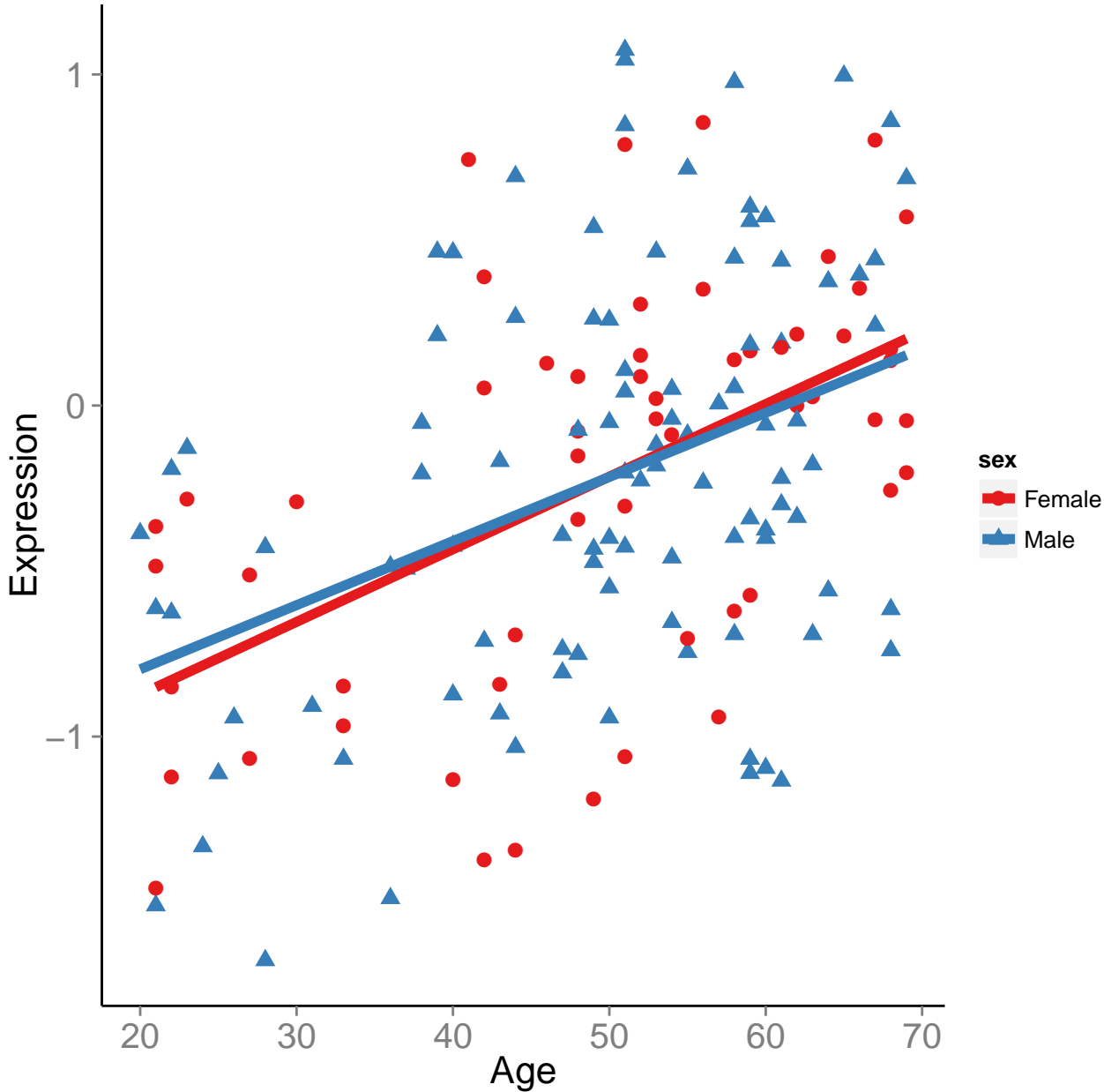
Blood: PEX11B Pearson-R=-0.46 Pval=1.34E-09



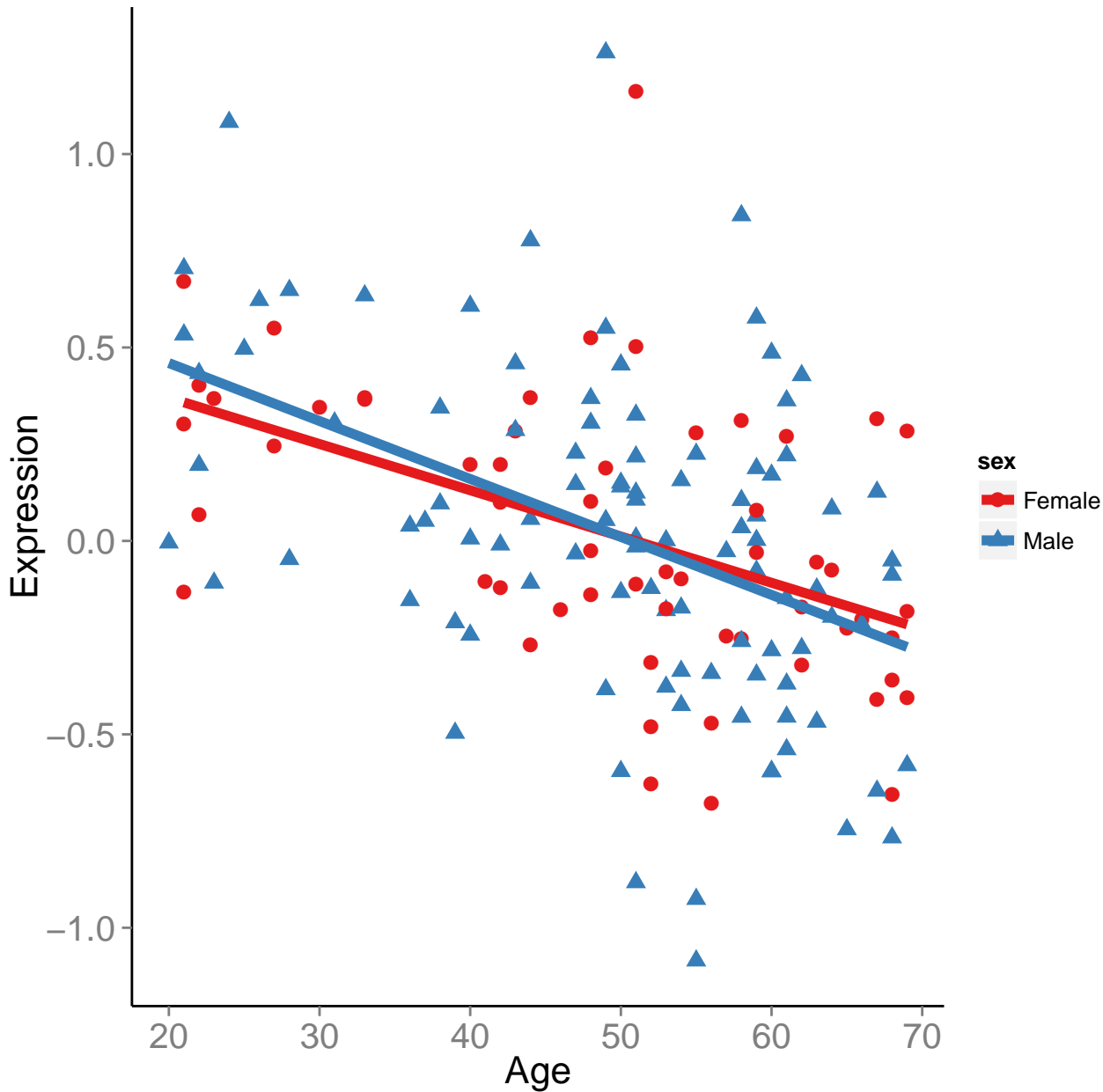
Blood: PAG1 Pearson-R=0.46 Pval=2.30E-09



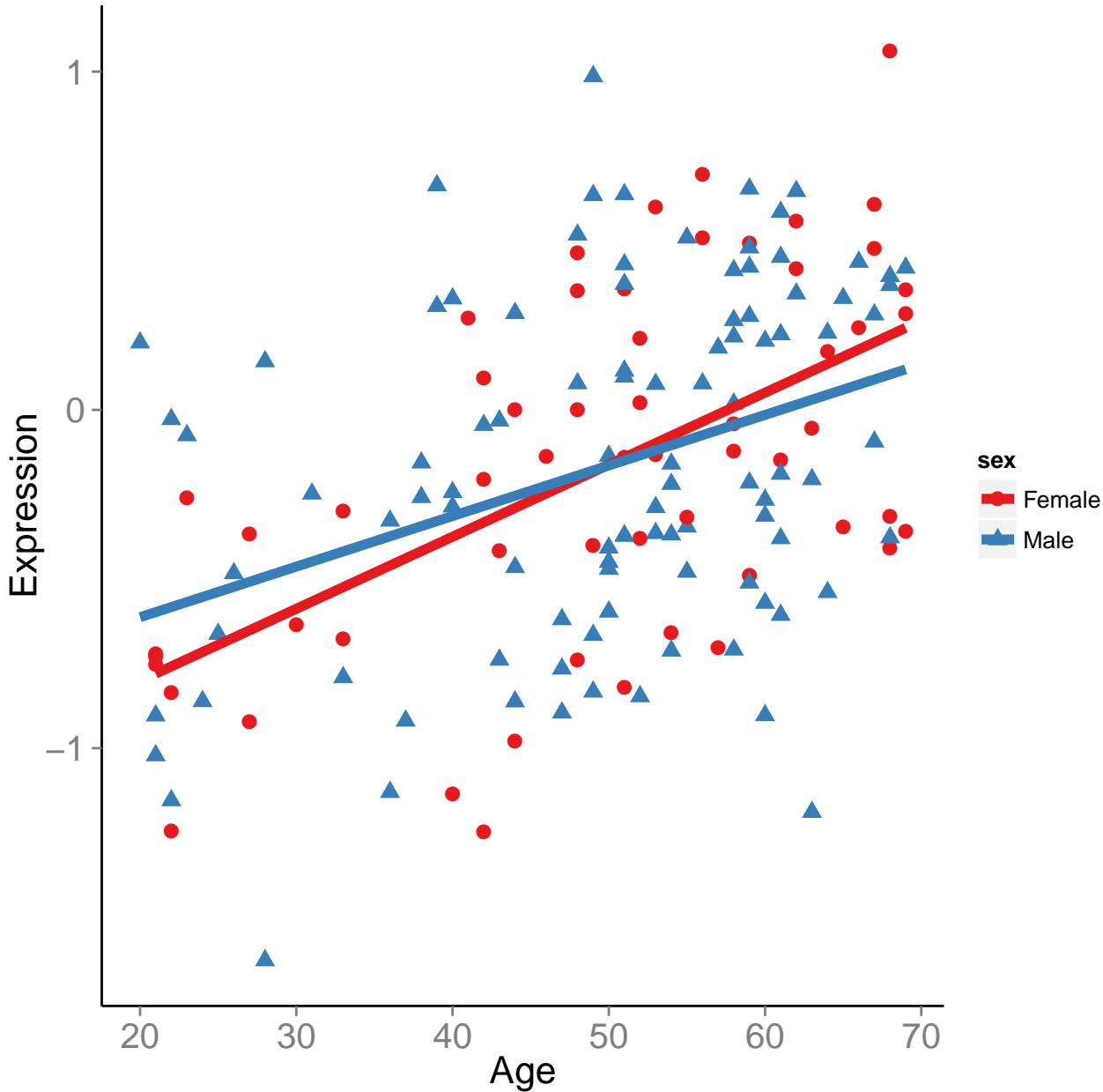
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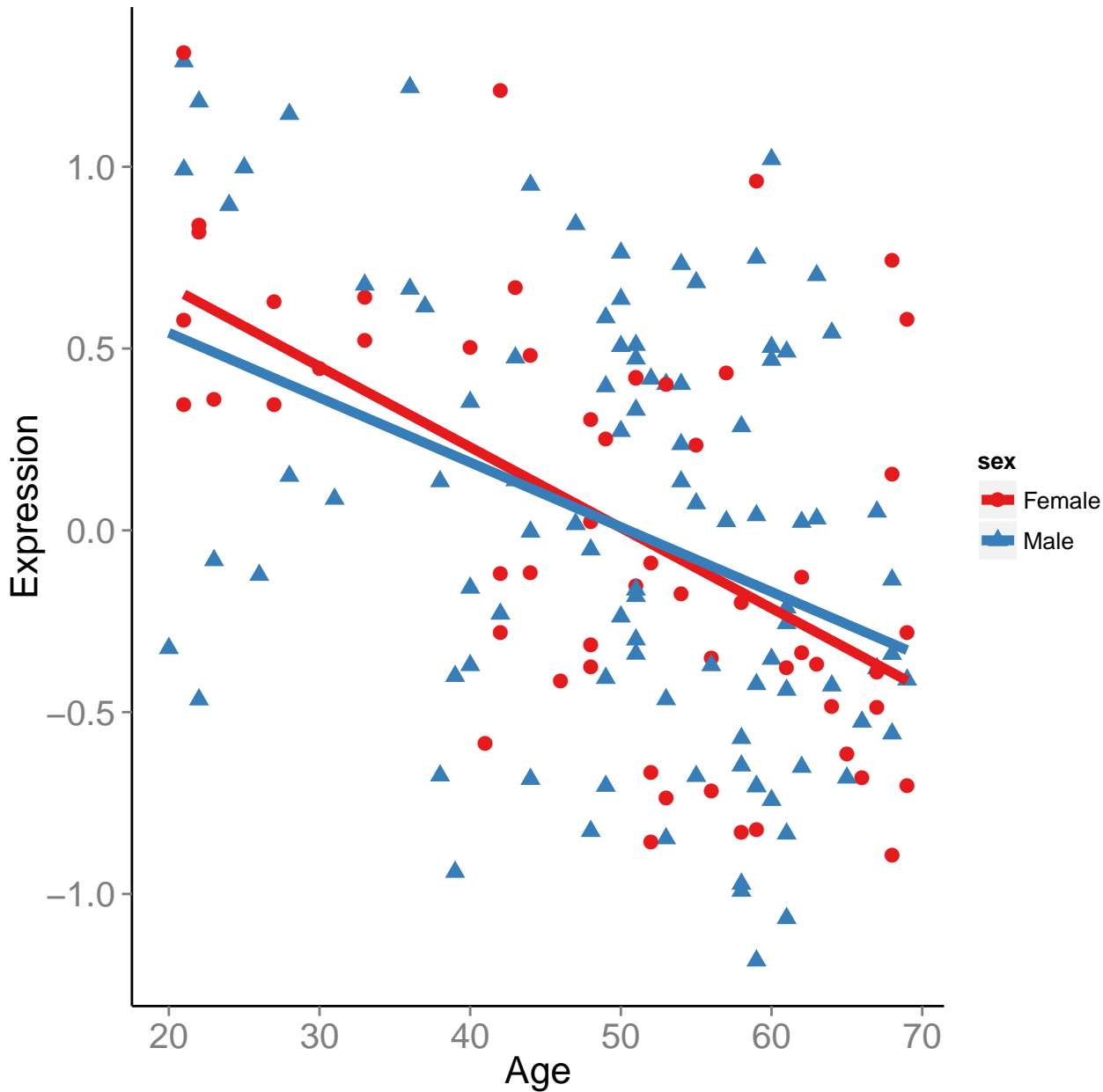
Blood: PSMD7 Pearson-R=-0.45 Pval=3.29E-09



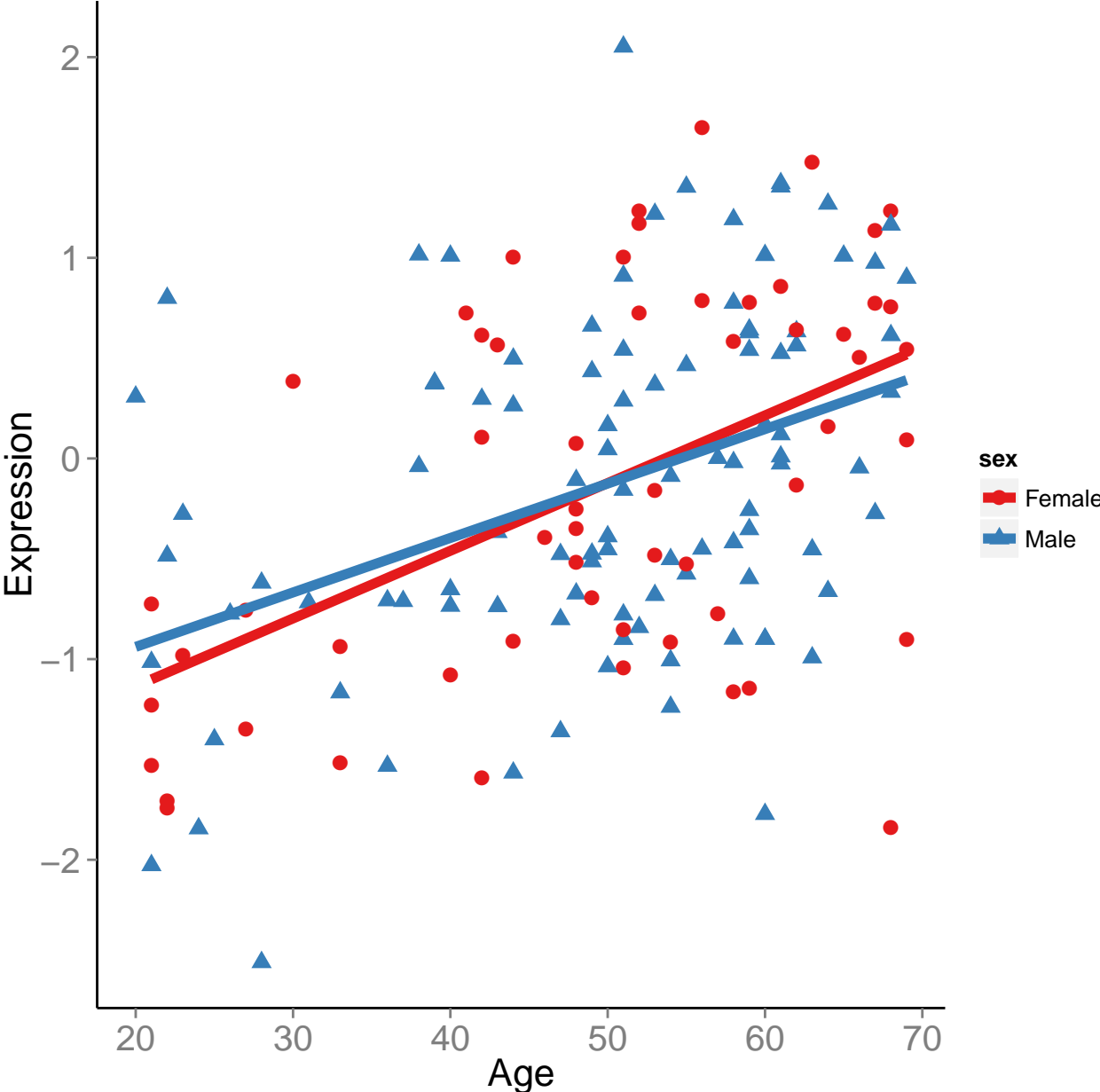
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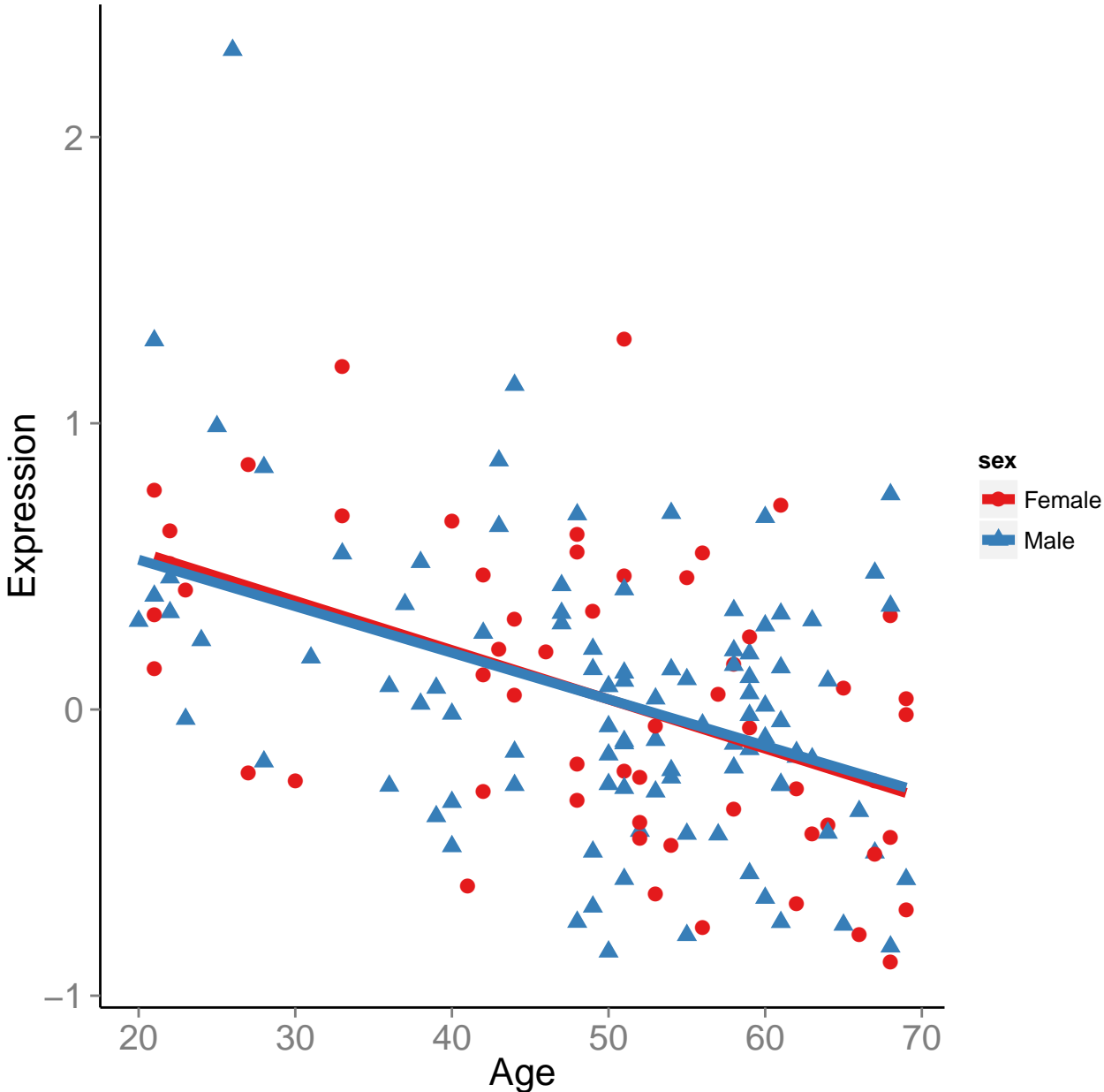
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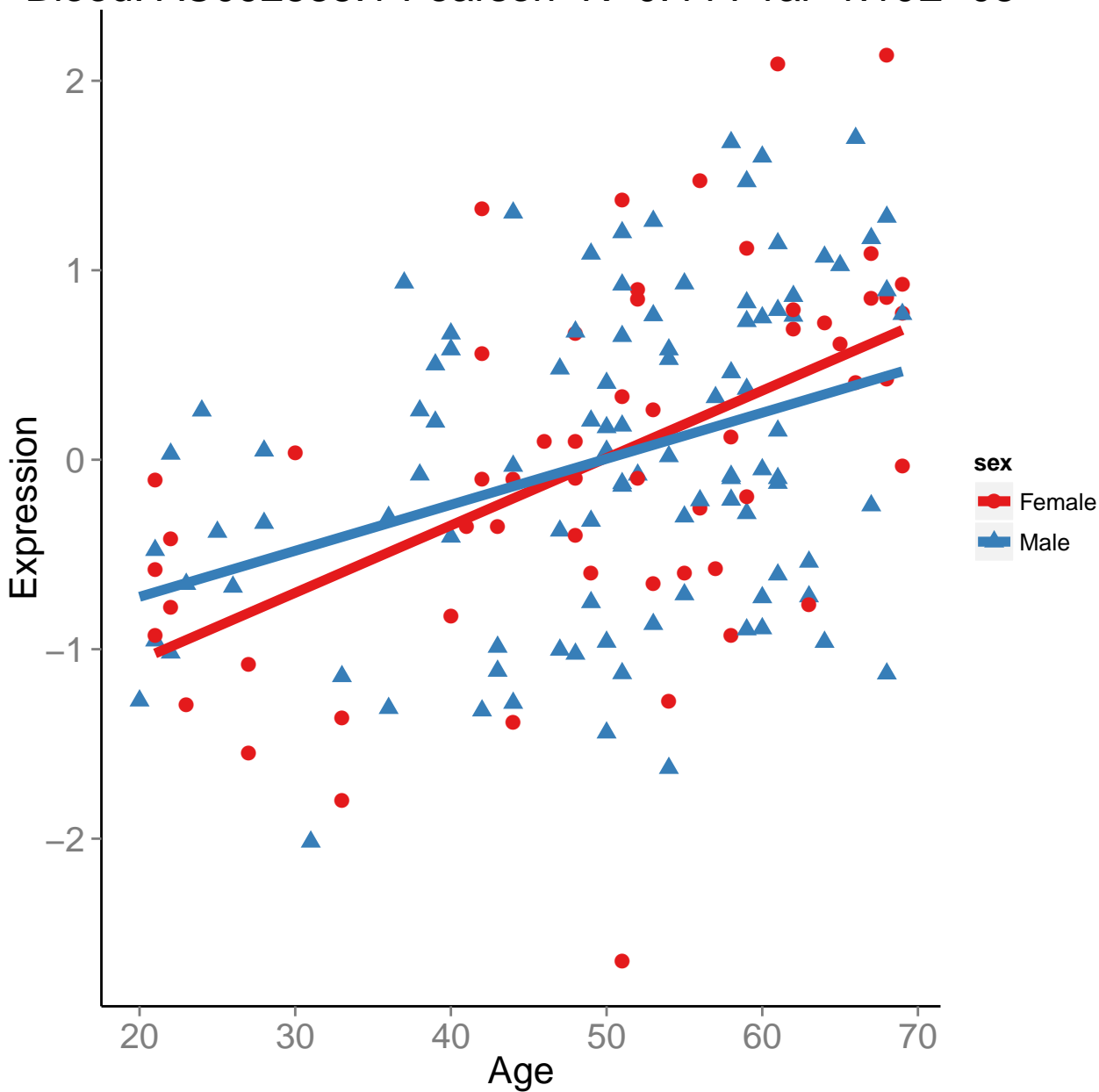
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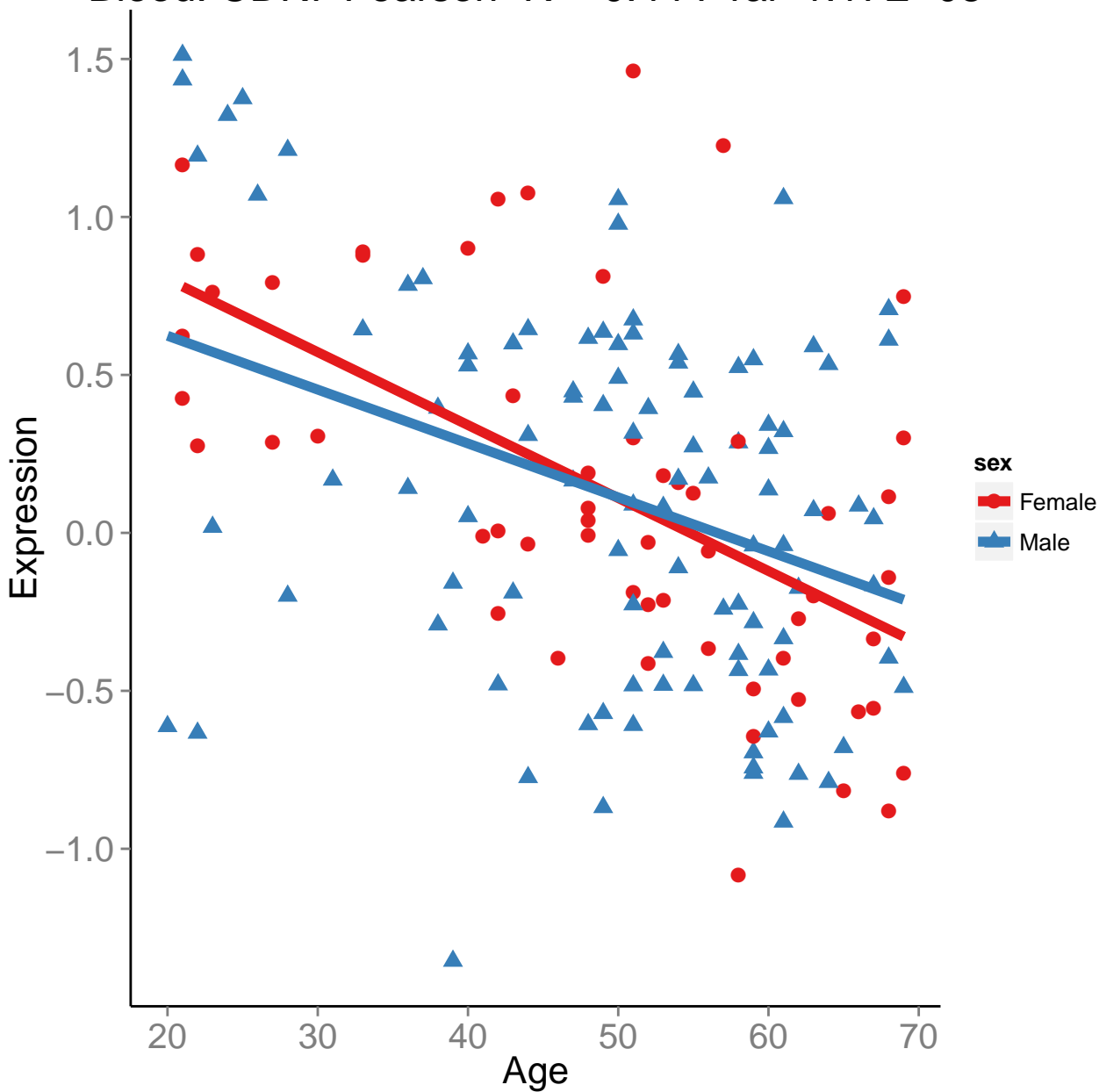
Blood: SRI Pearson-R=-0.44 Pval=7.36E-09



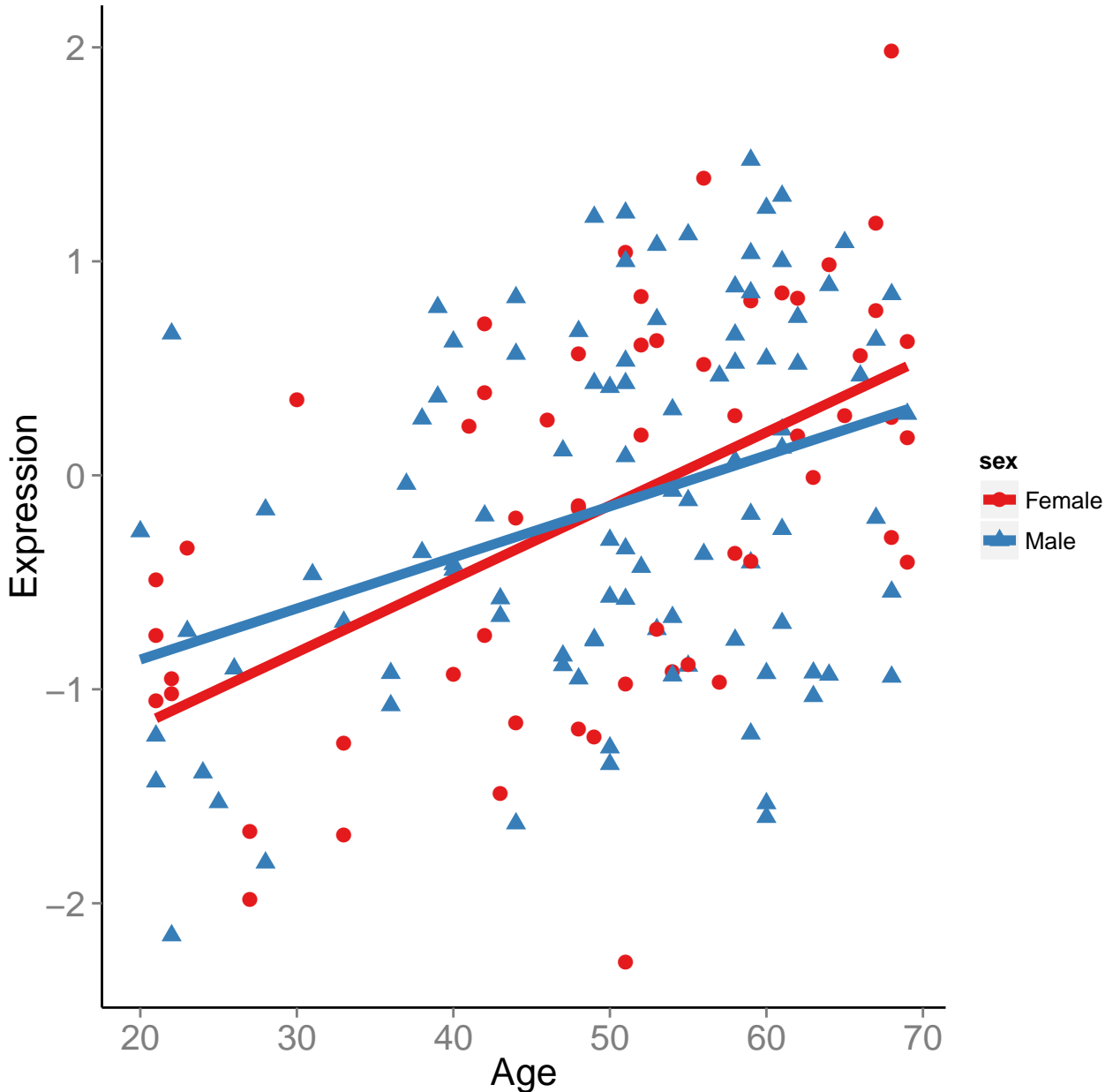
Blood: AC092535.1 Pearson-R=0.44 Pval=1.10E-08



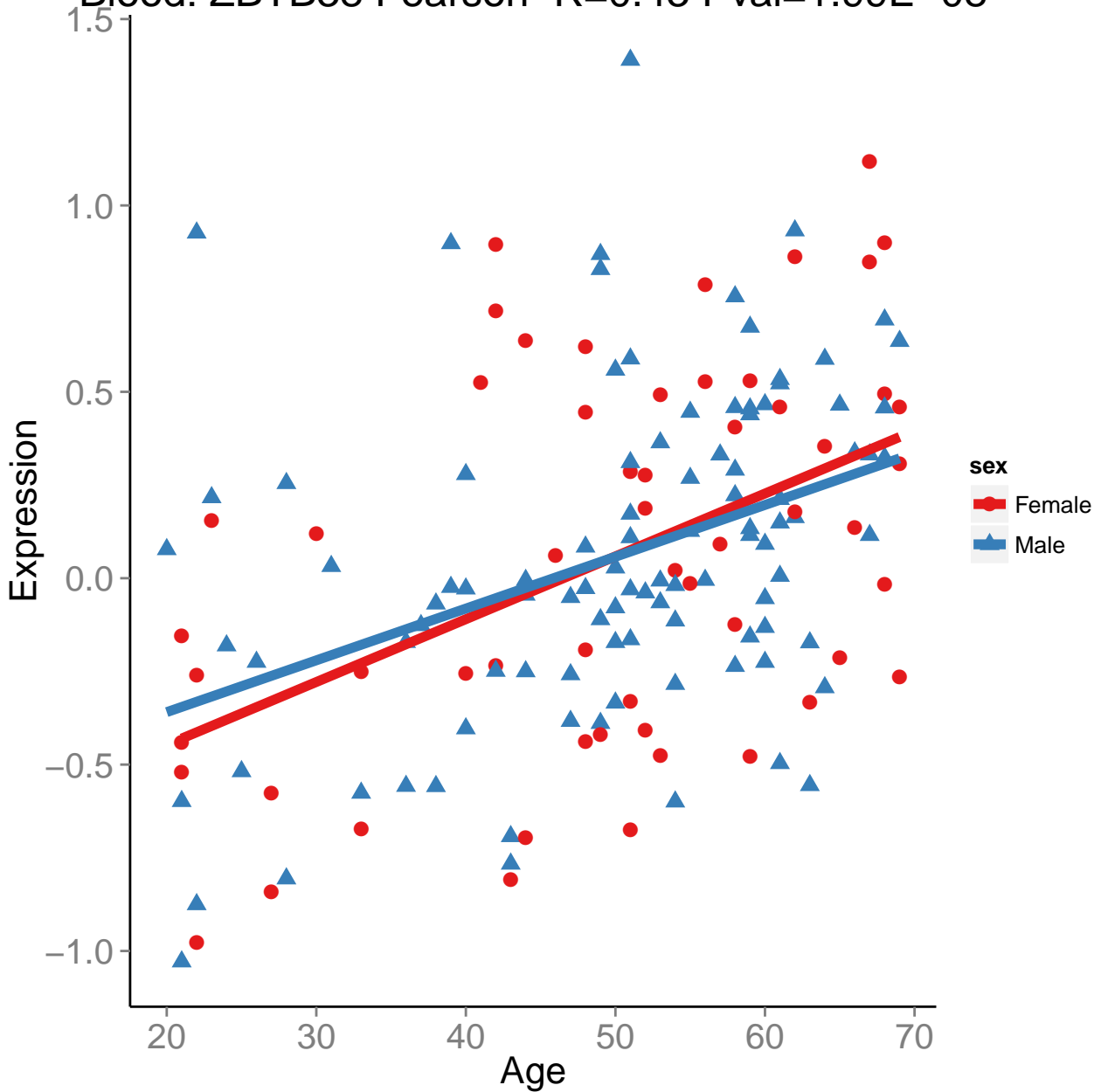
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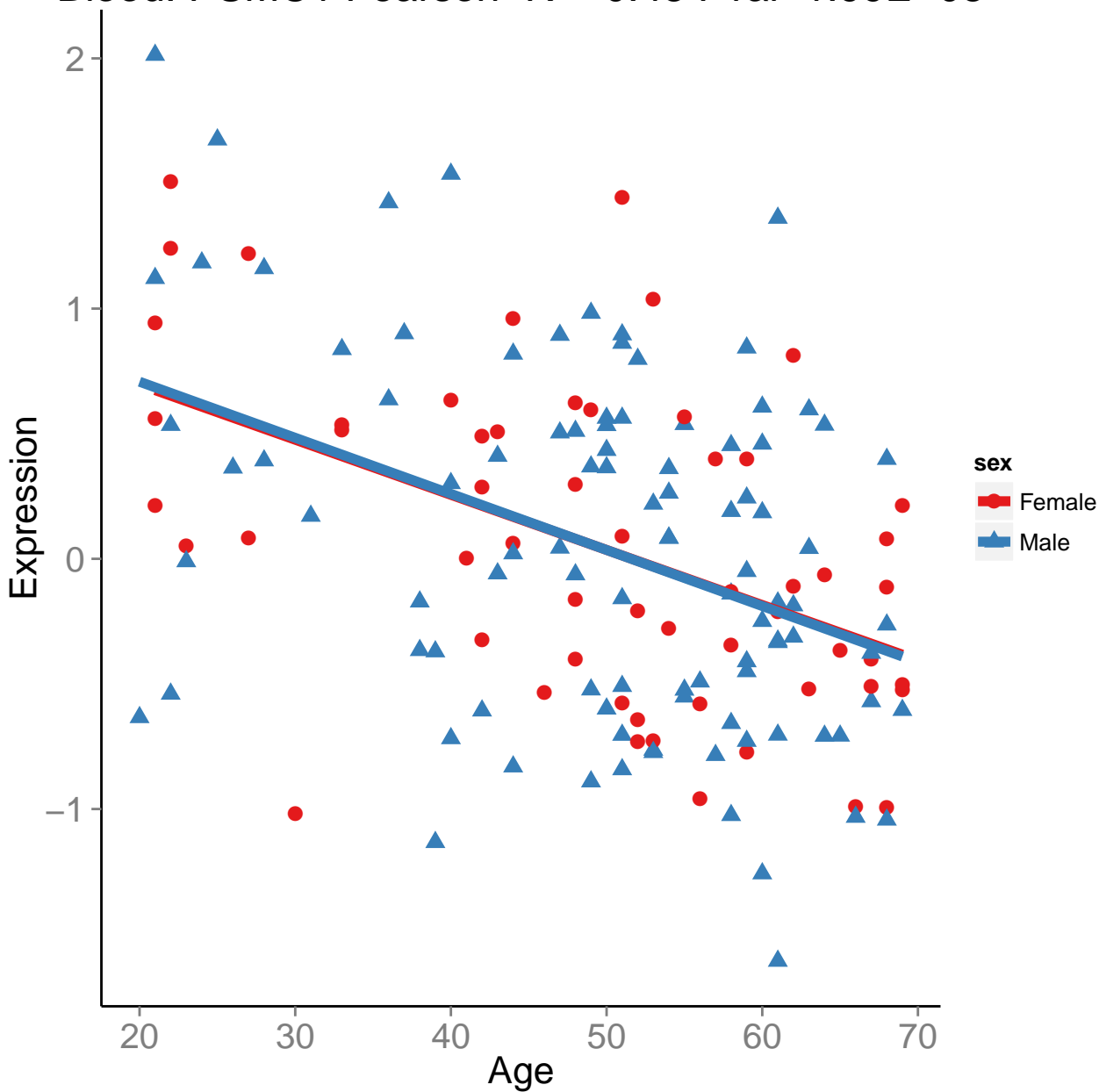
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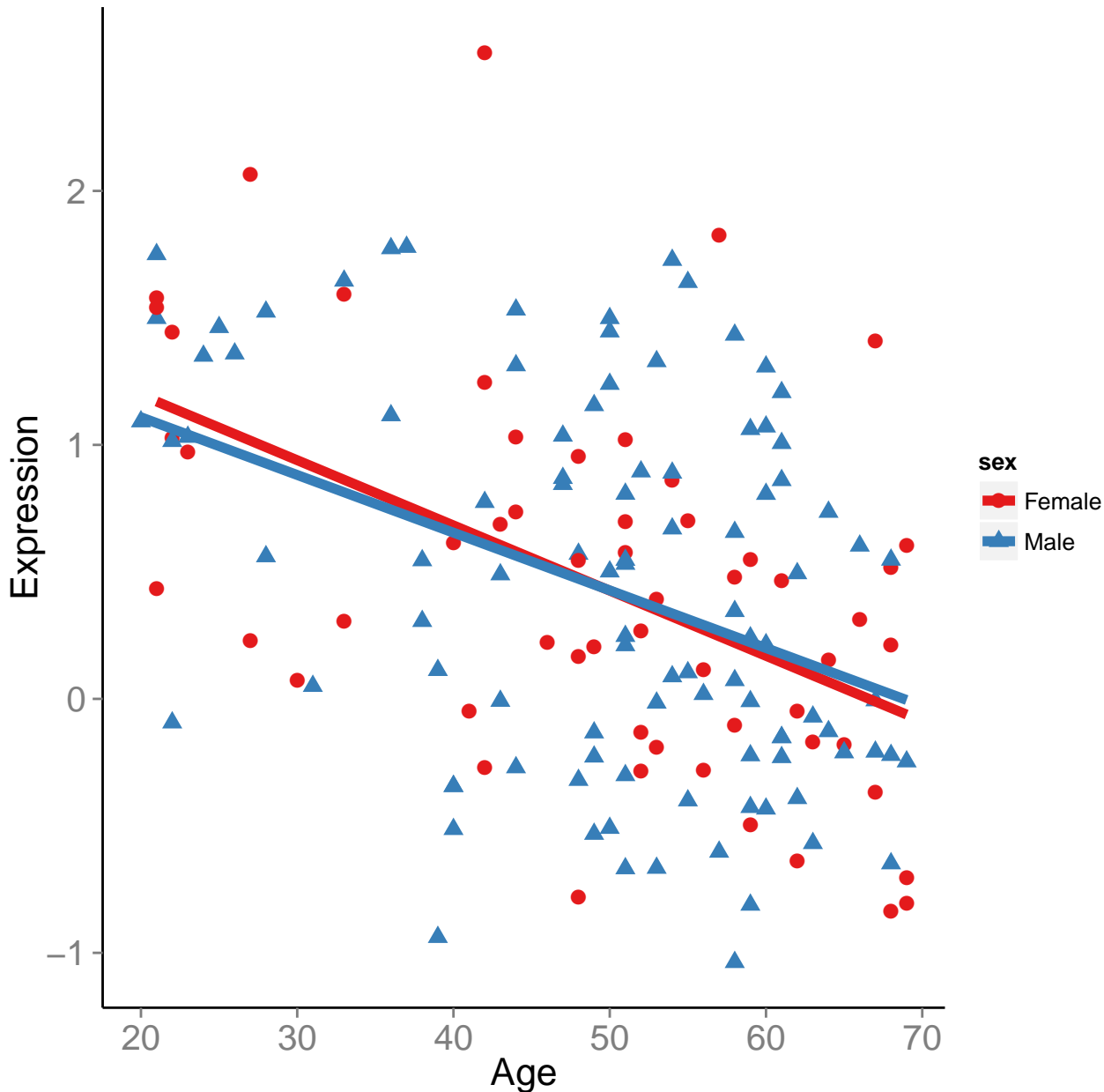
Blood: ZBTB38 Pearson-R=0.43 Pval=1.99E-08



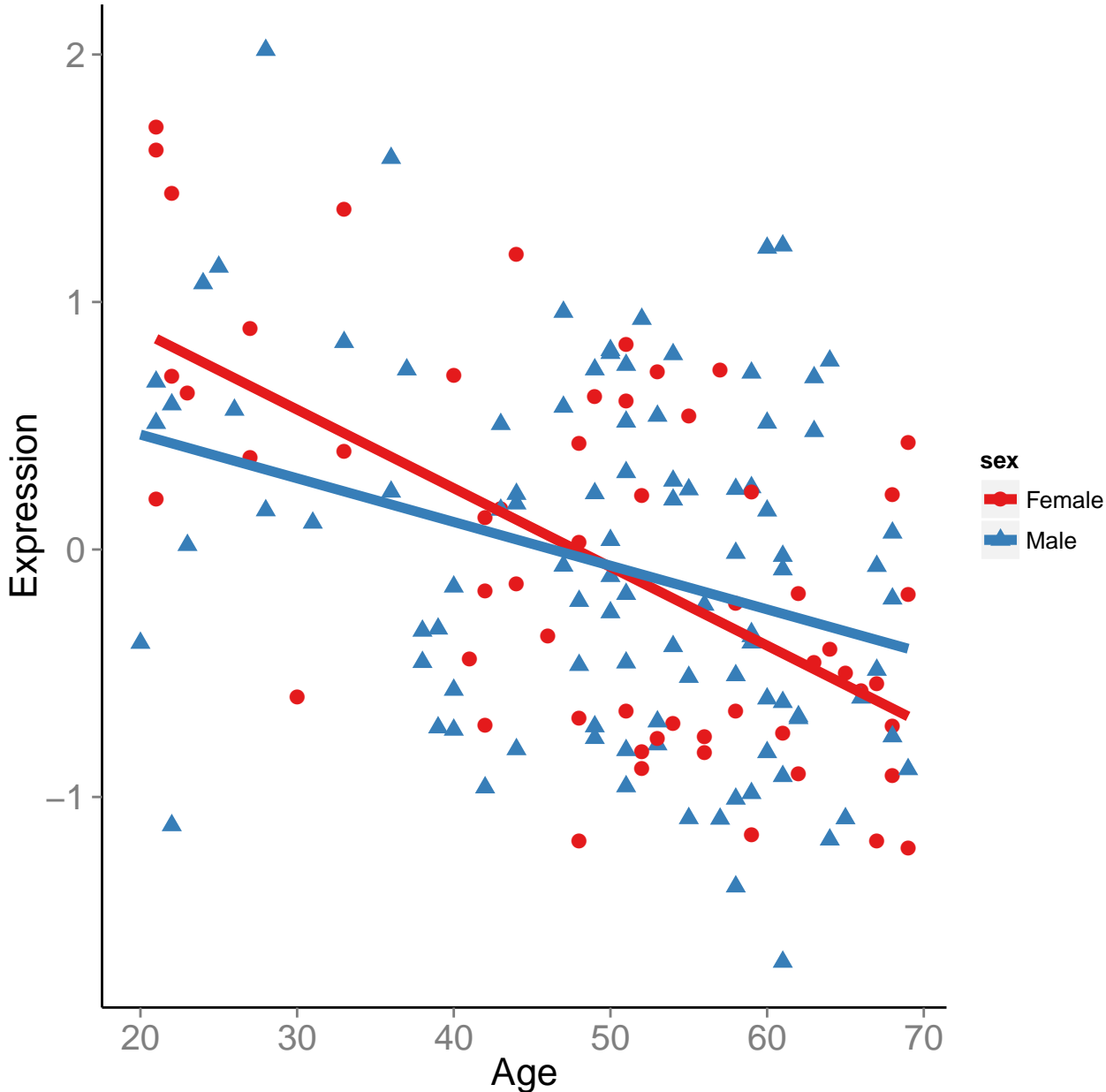
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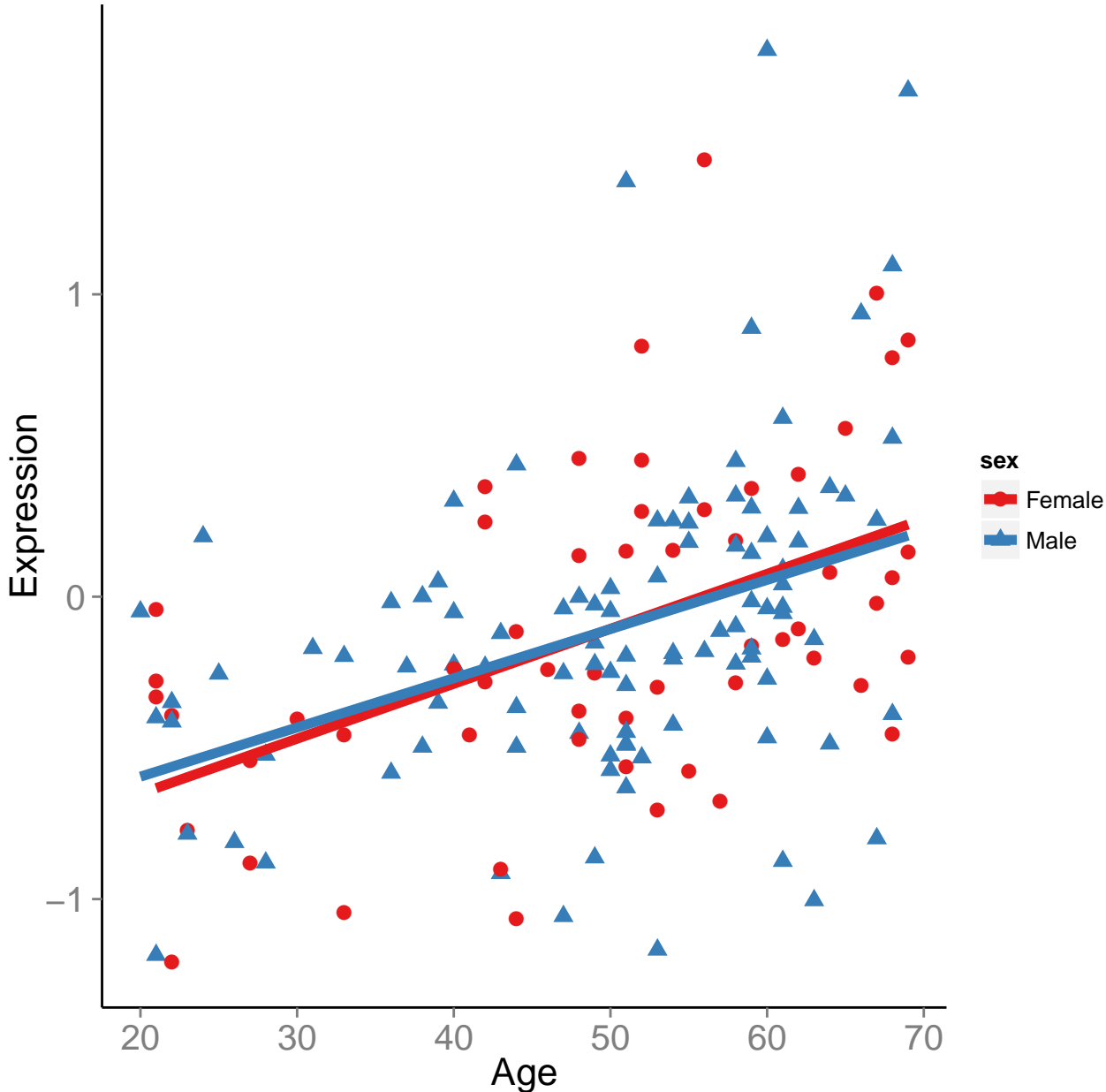
Blood: GATS Pearson-R=-0.43 Pval=1.97E-08



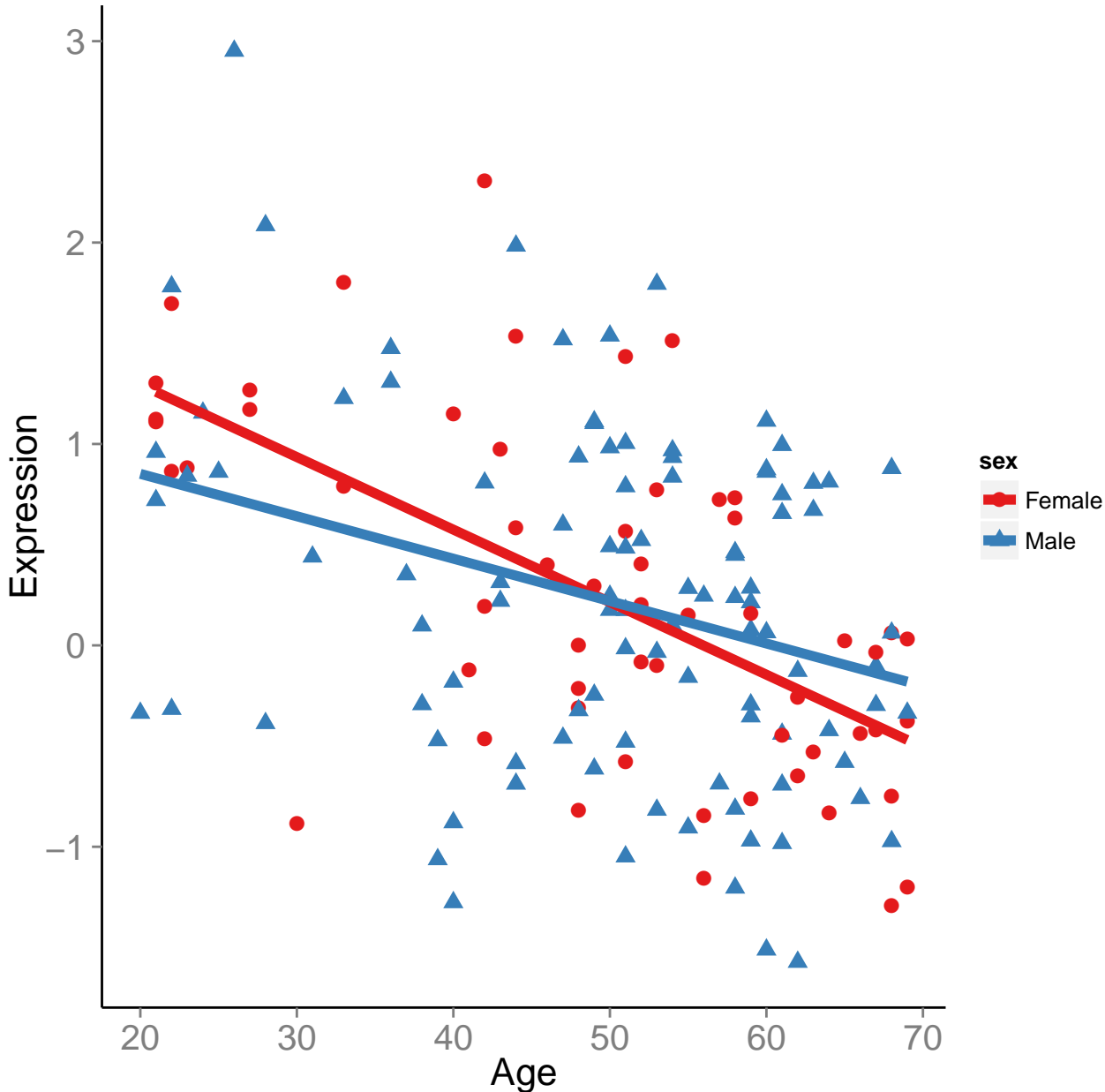
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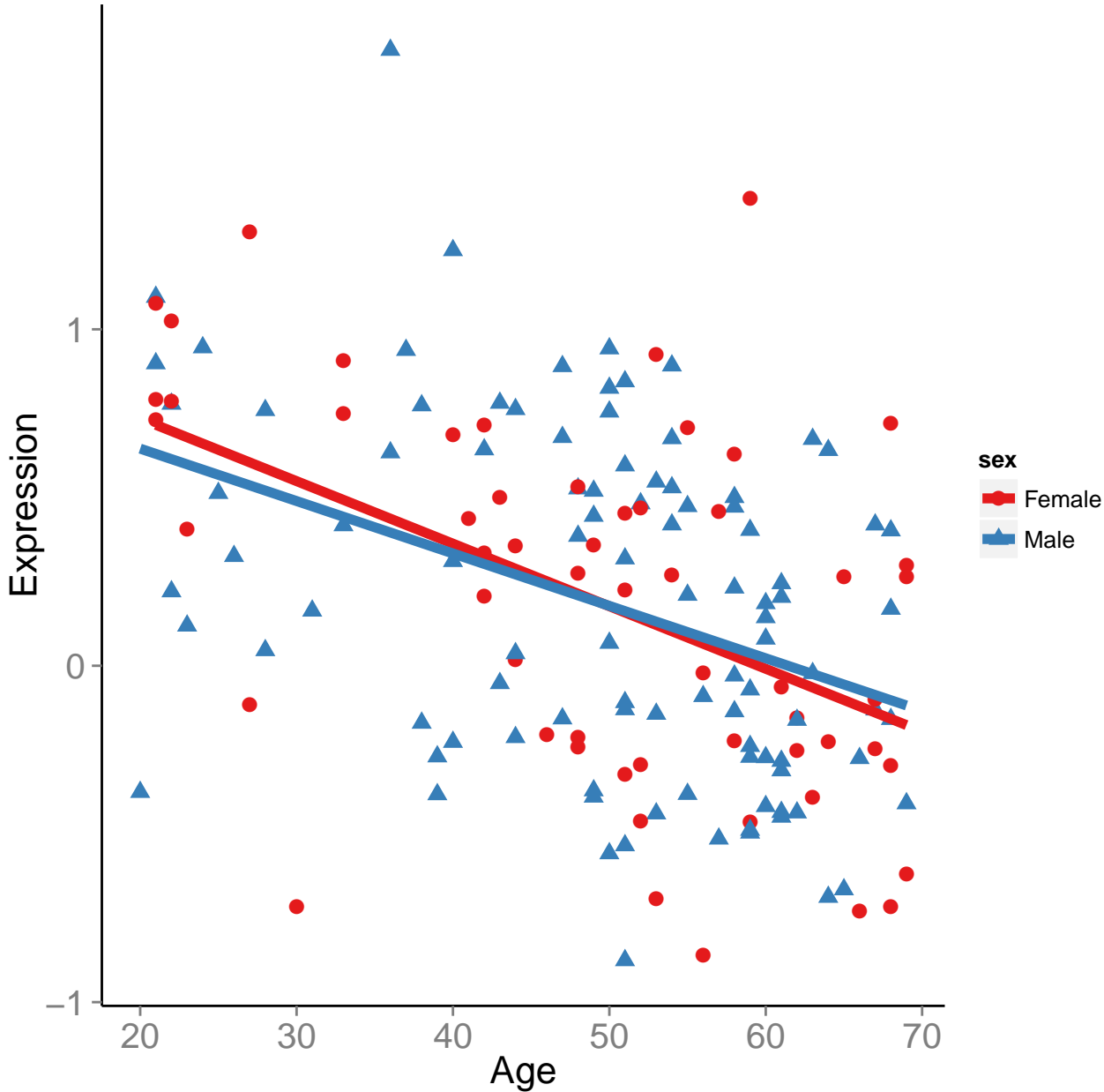
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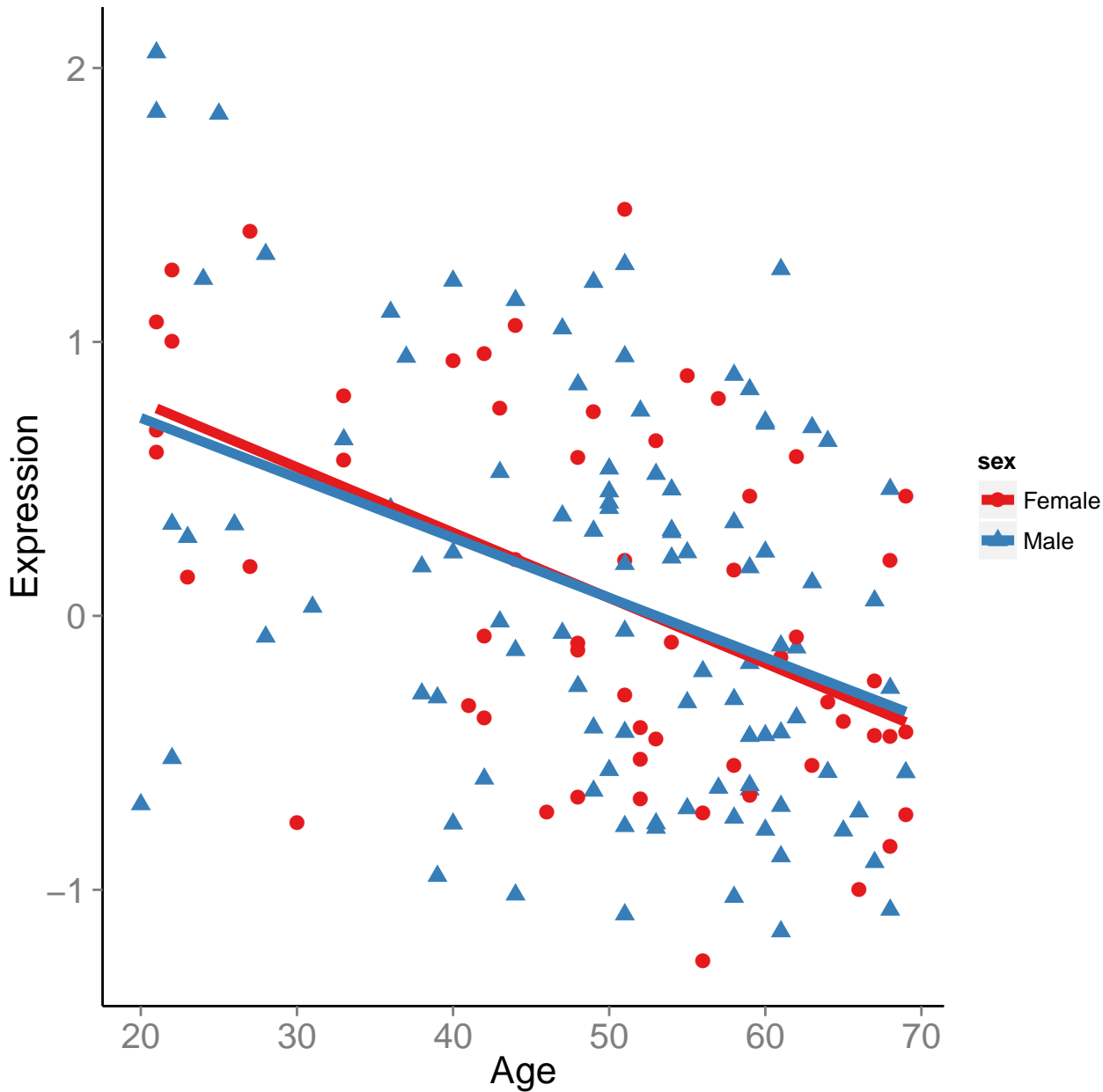
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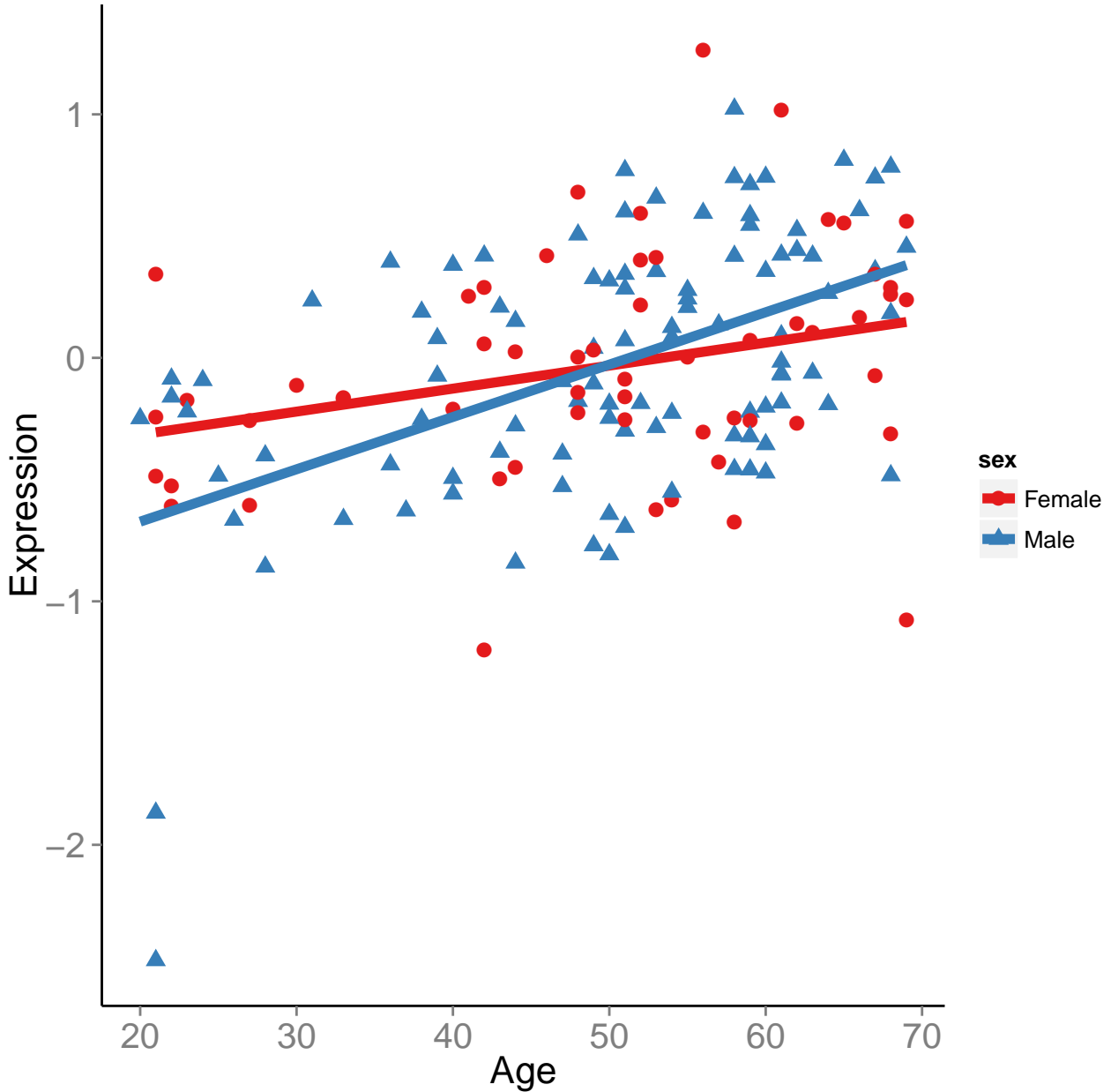
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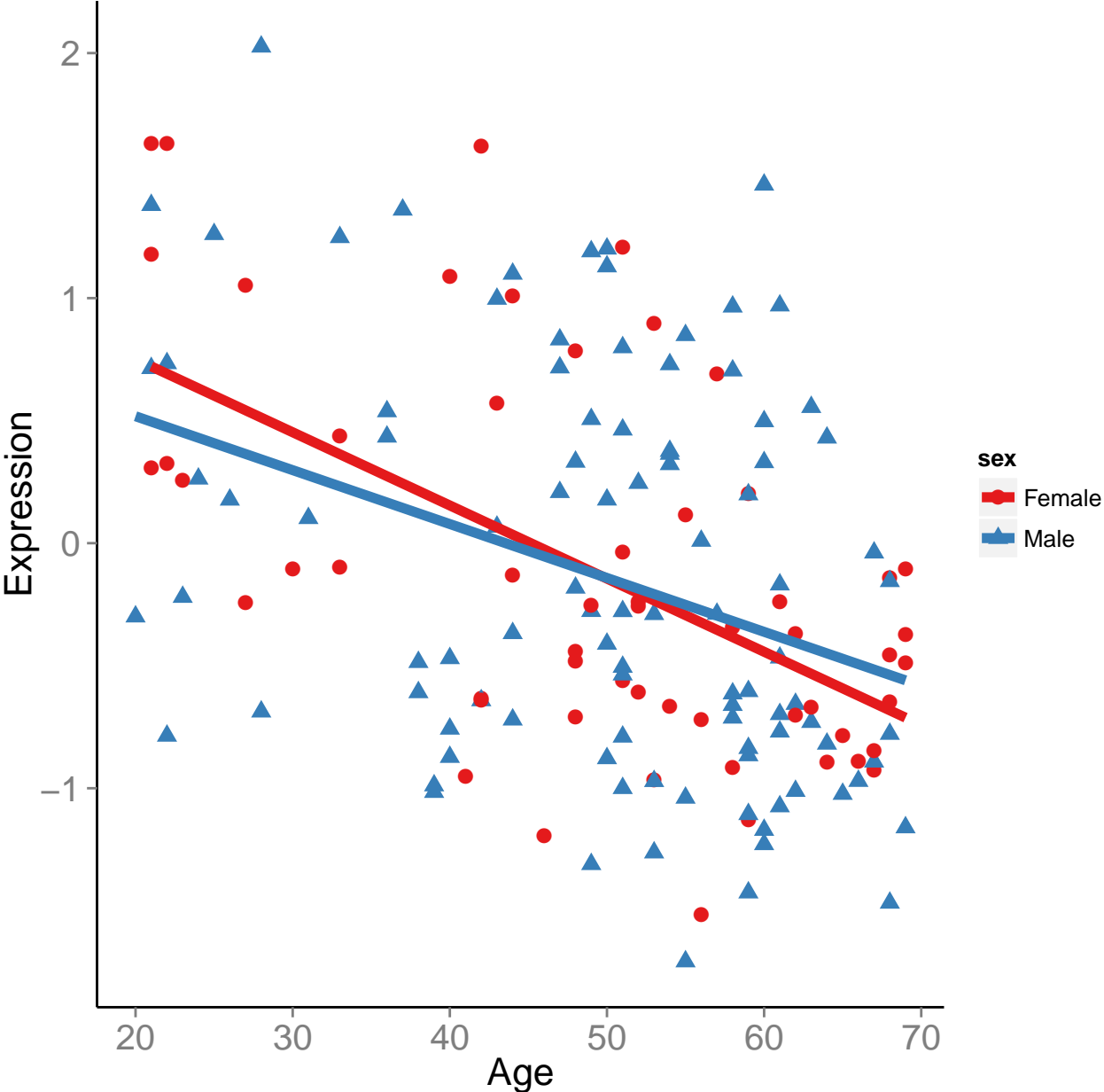
Blood: PSMC1P1 Pearson-R=-0.43 Pval=3.02E-08



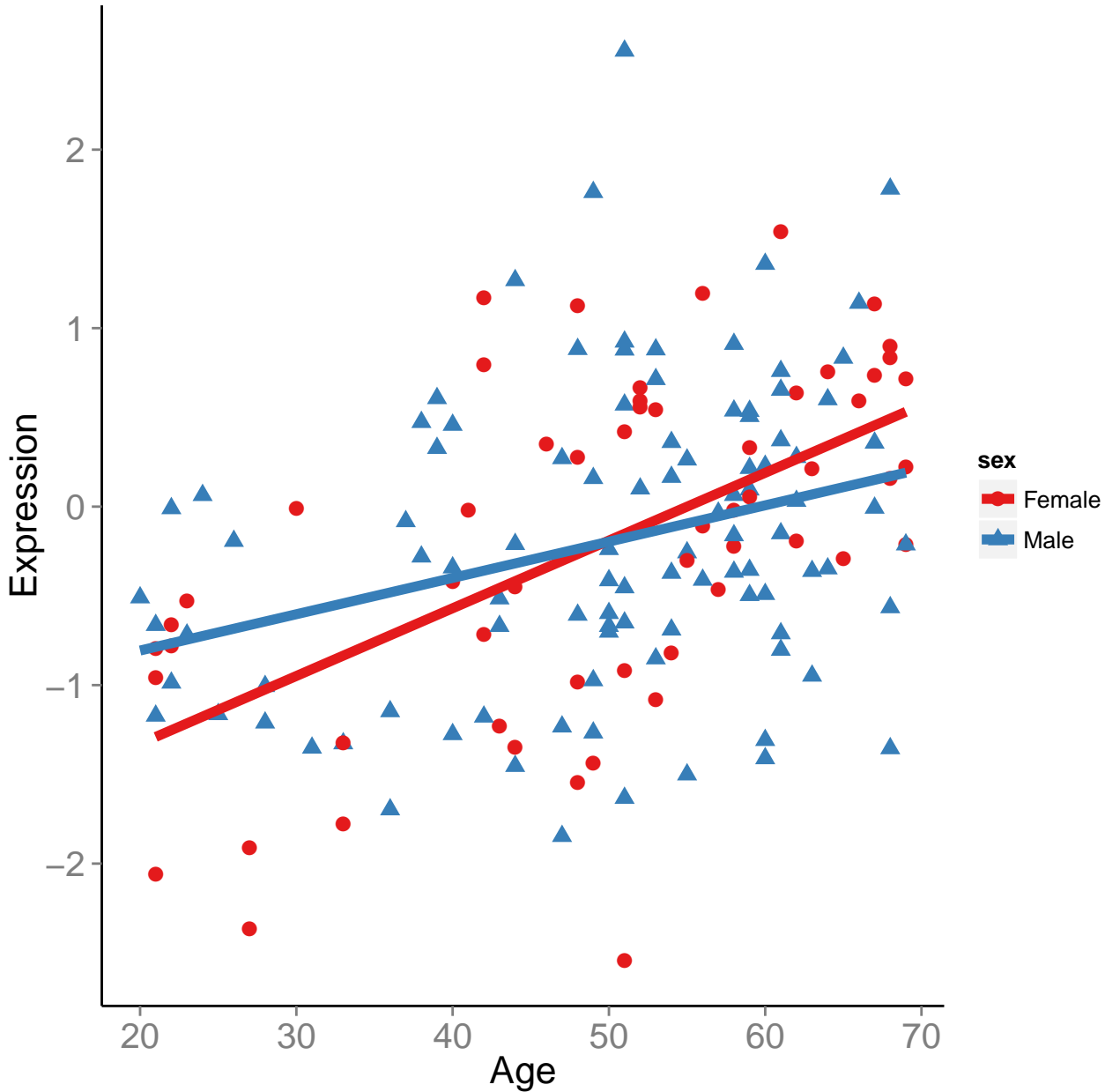
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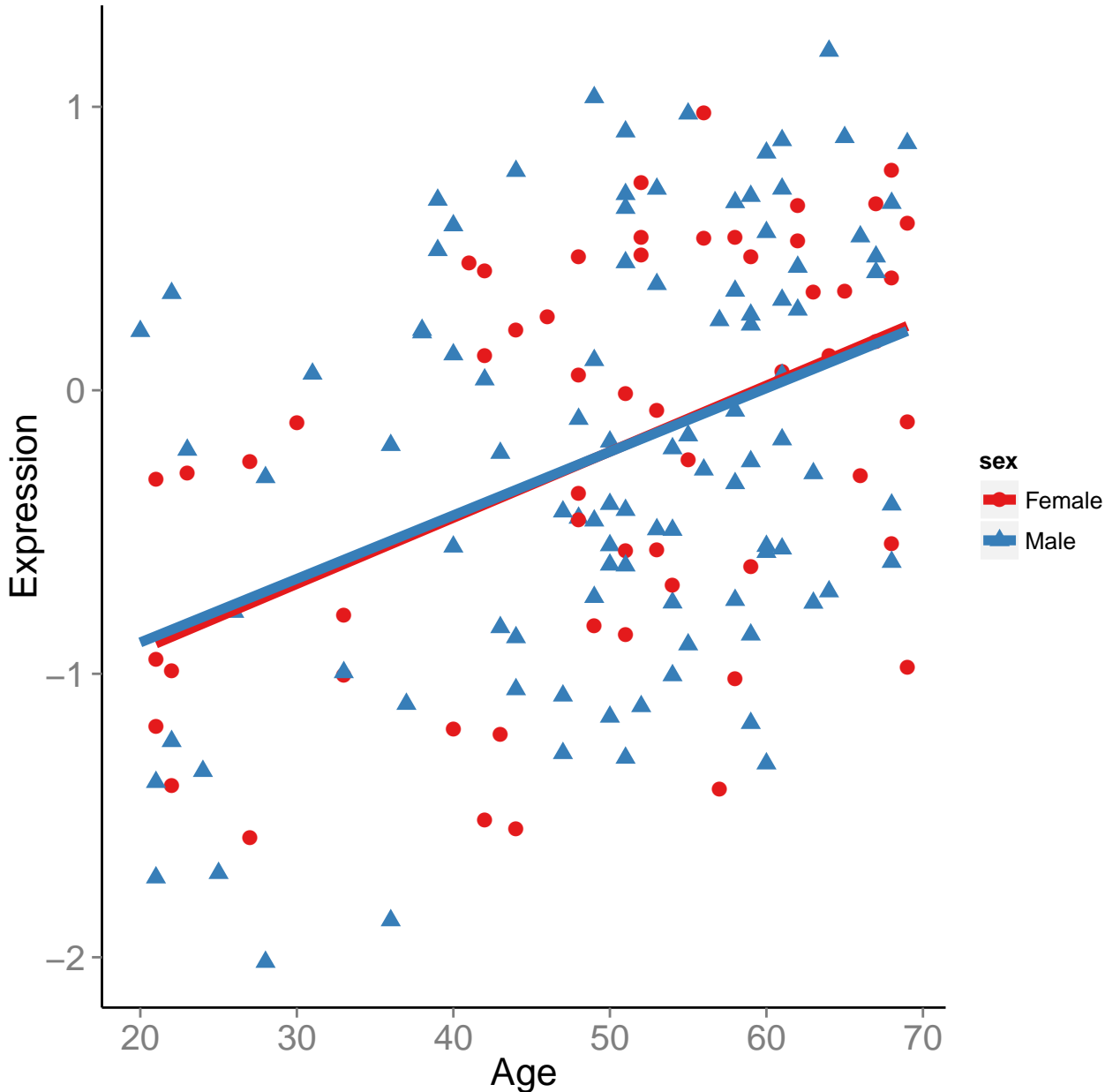
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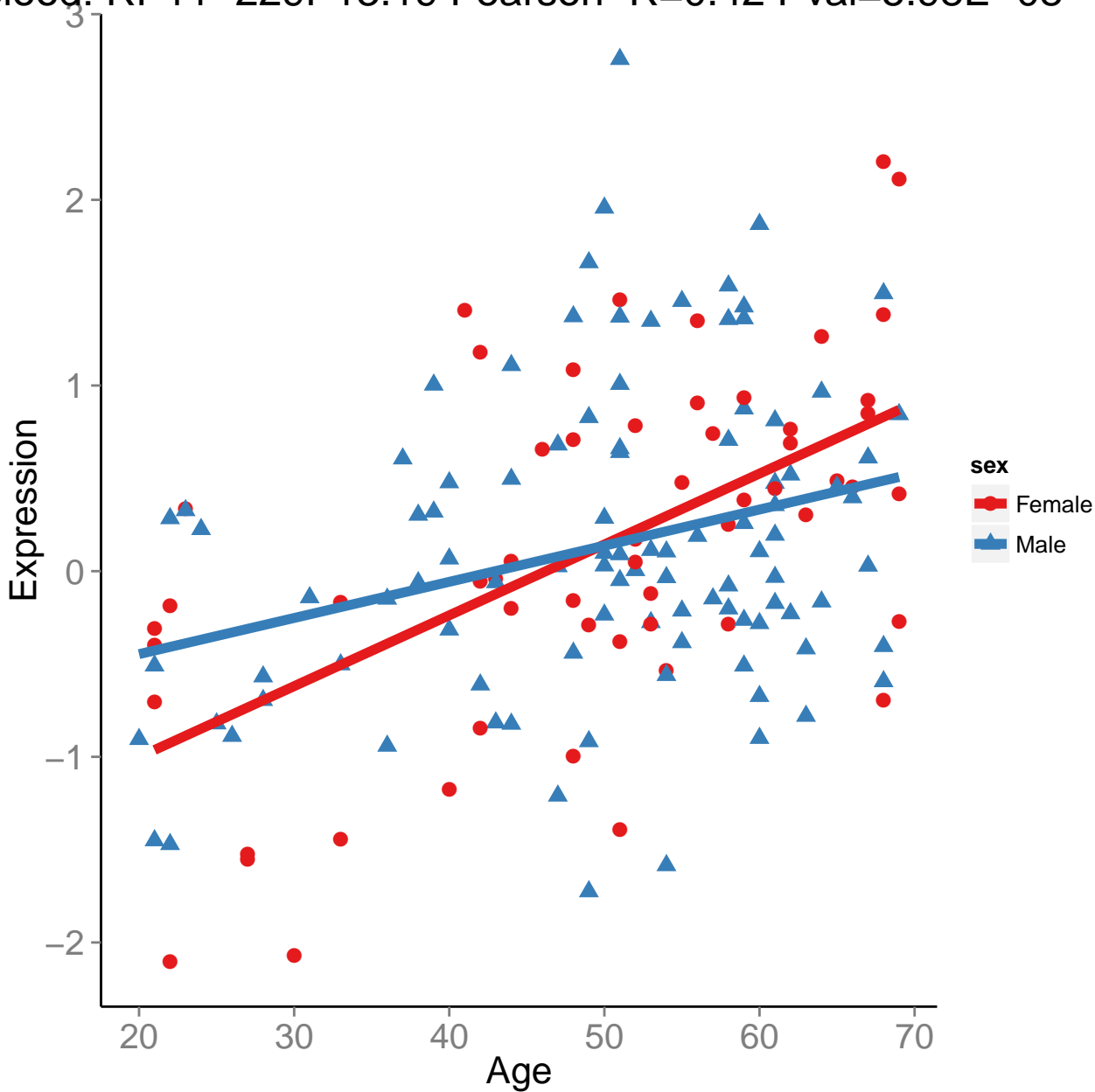
Blood: SLC1A7 Pearson-R=0.42 Pval=5.69E-08



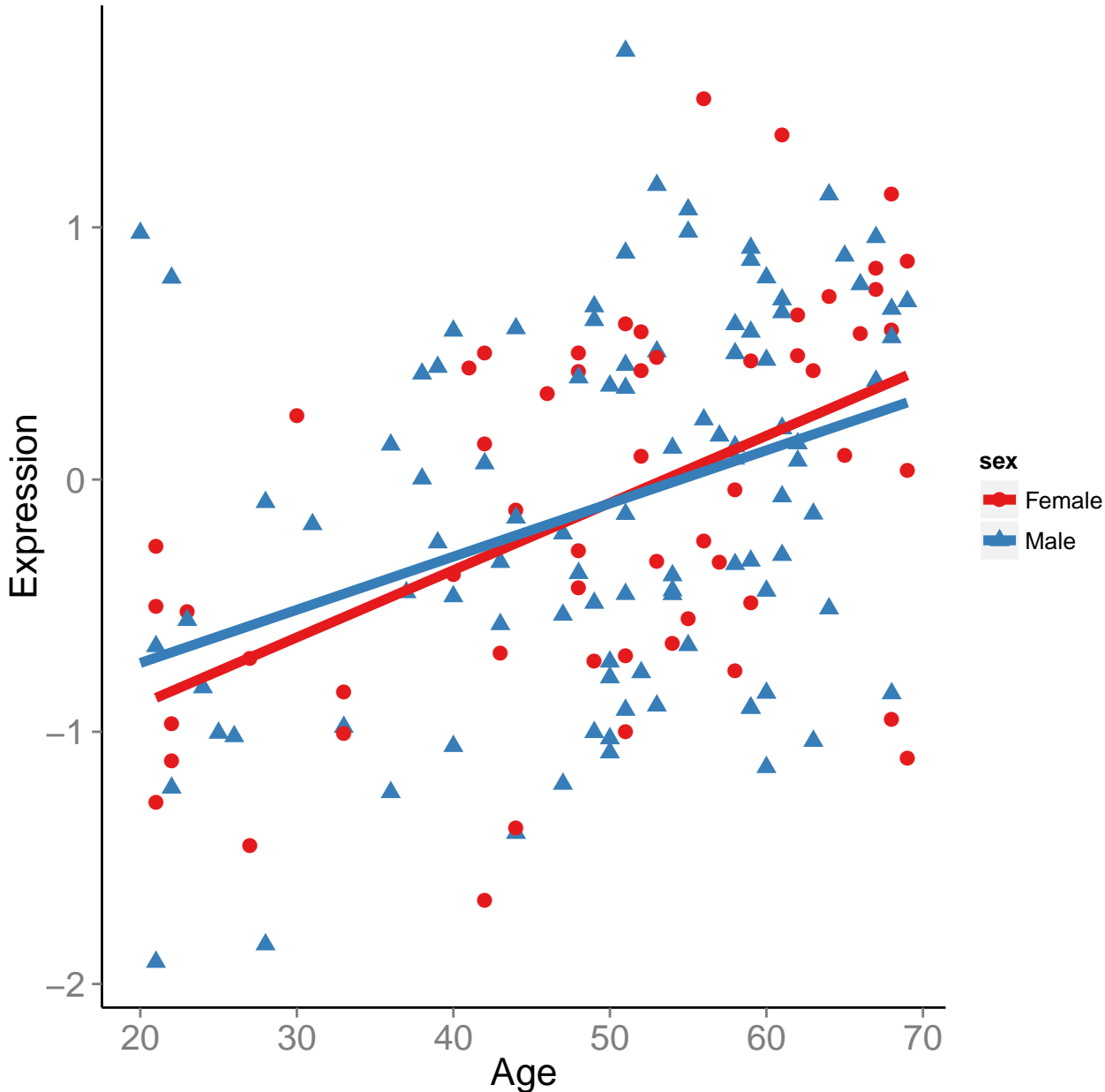
Blood: PIEZO1 Pearson-R=0.42 Pval=5.92E-08



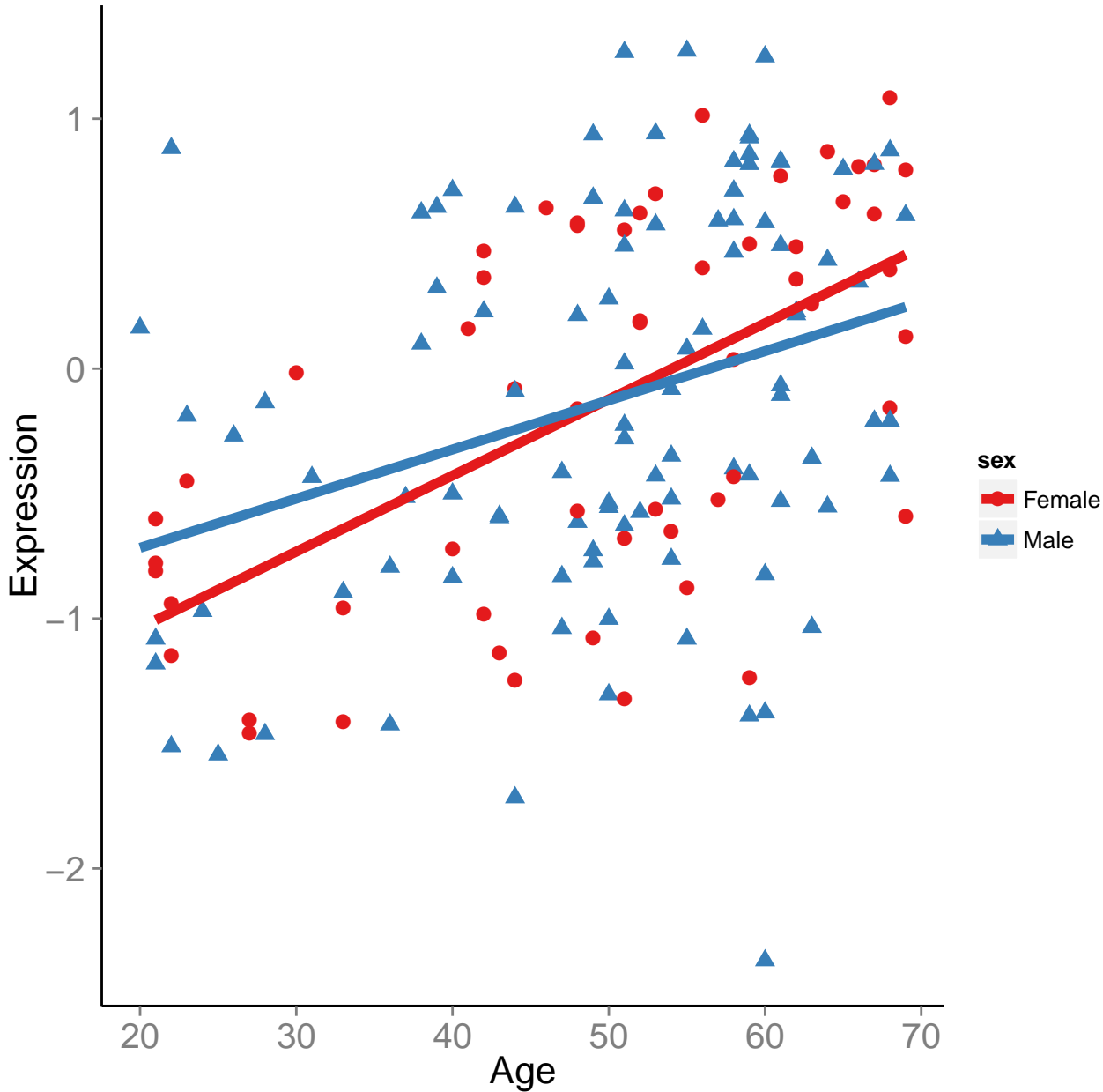
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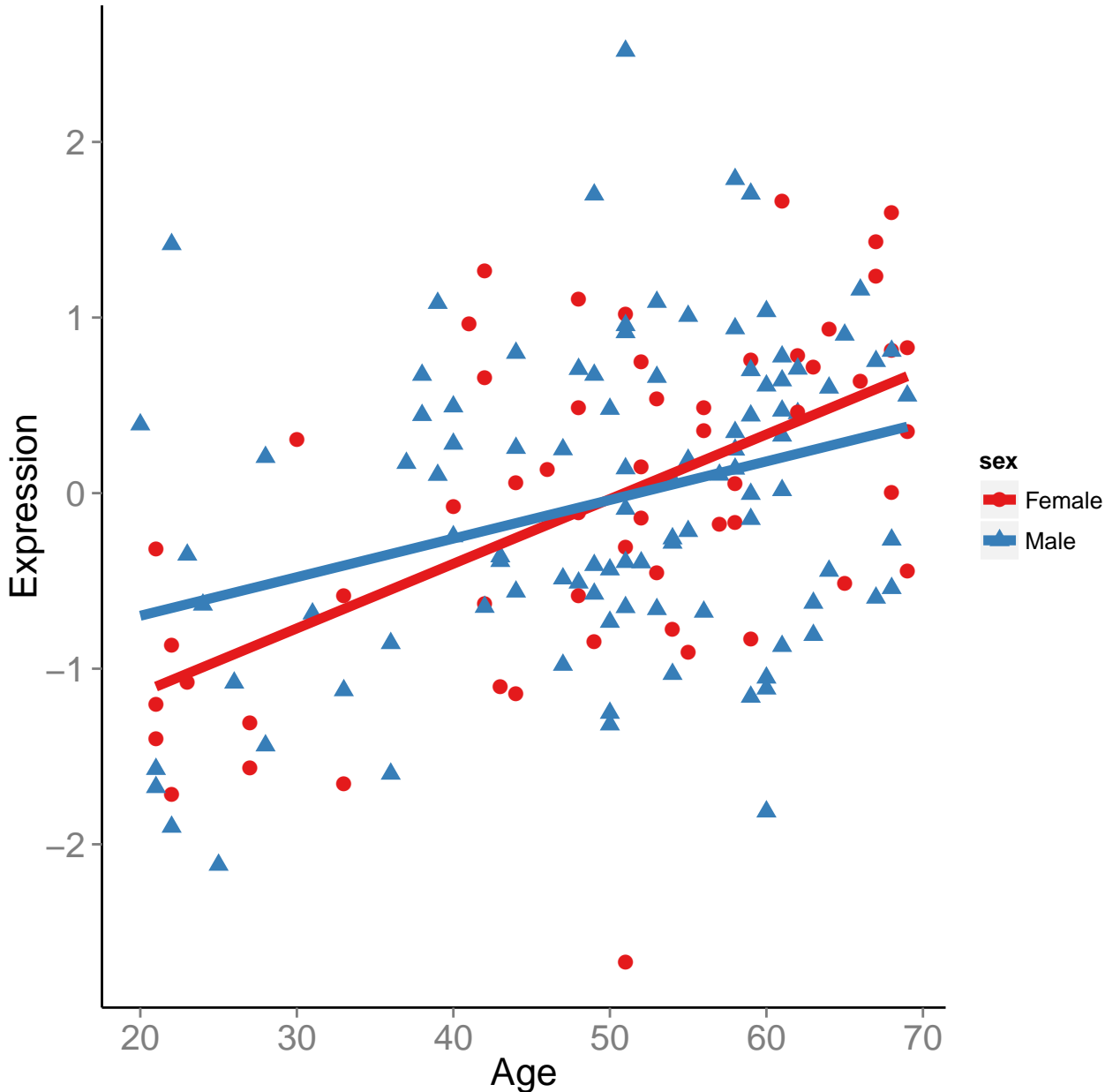
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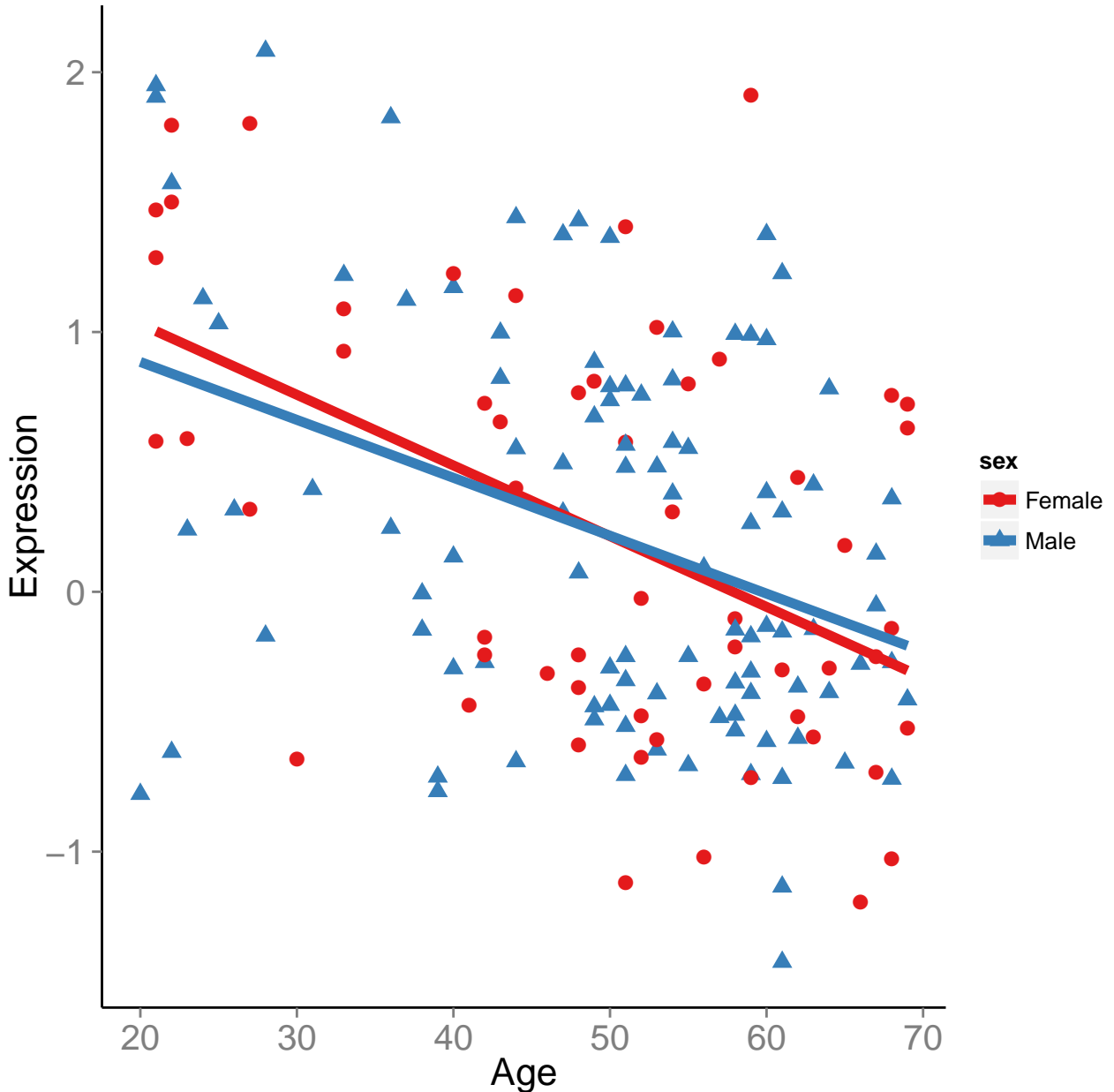
Blood: MYBL1 Pearson-R=0.42 Pval=5.42E-08



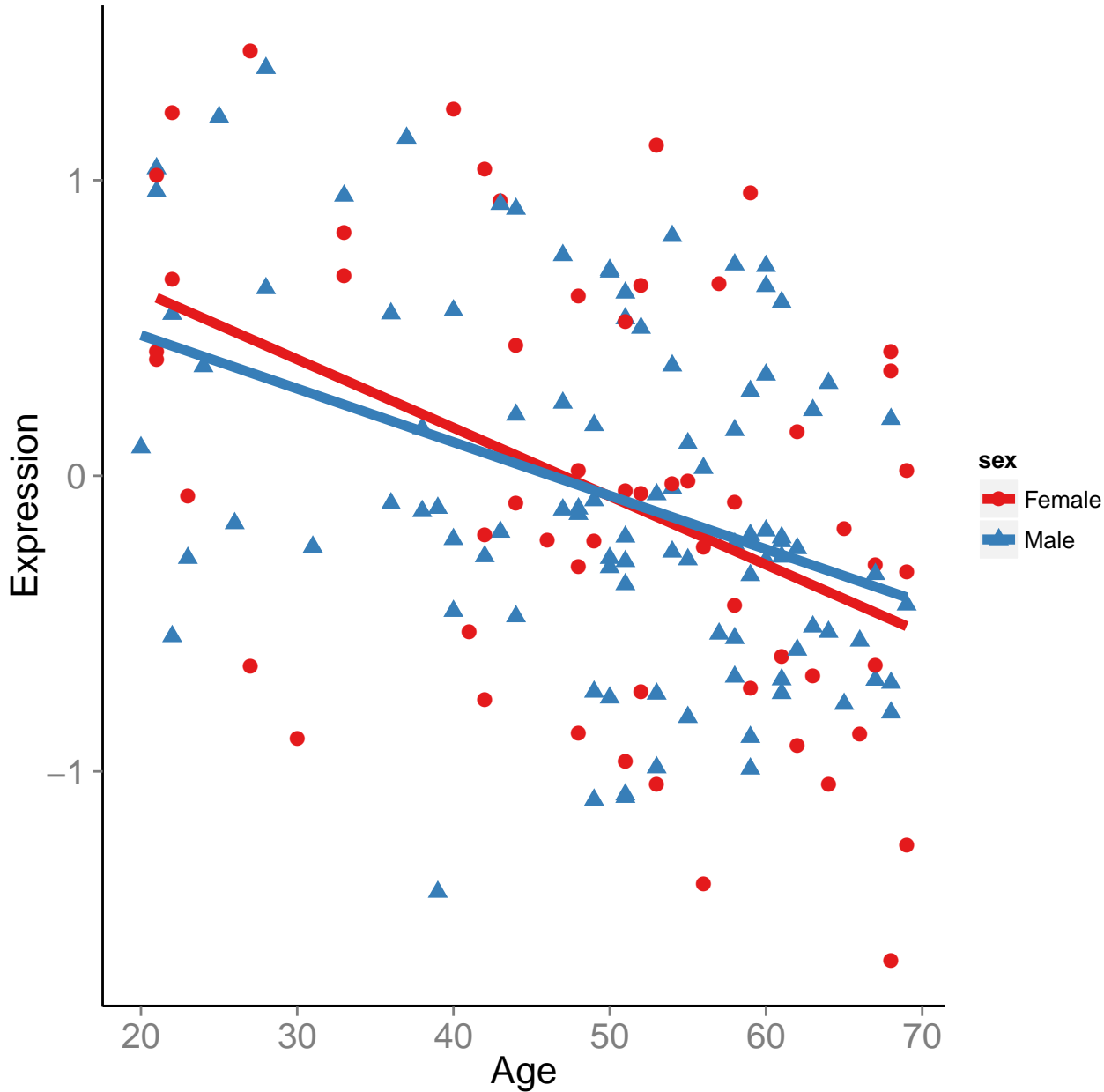
Blood: RGS9 Pearson-R=0.42 Pval=6.22E-08



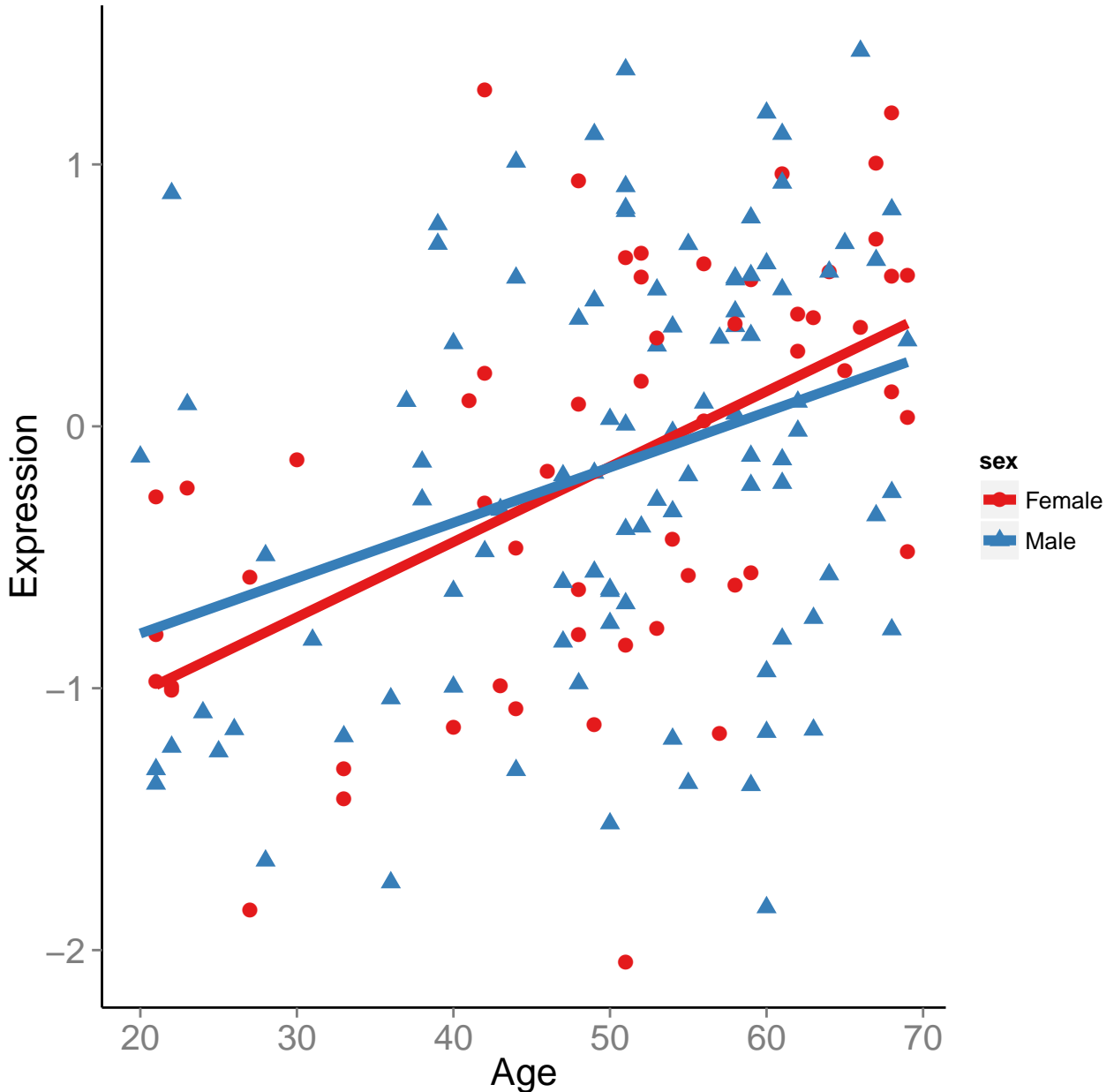
Blood: ARPC3 Pearson-R=-0.42 Pval=6.62E-08



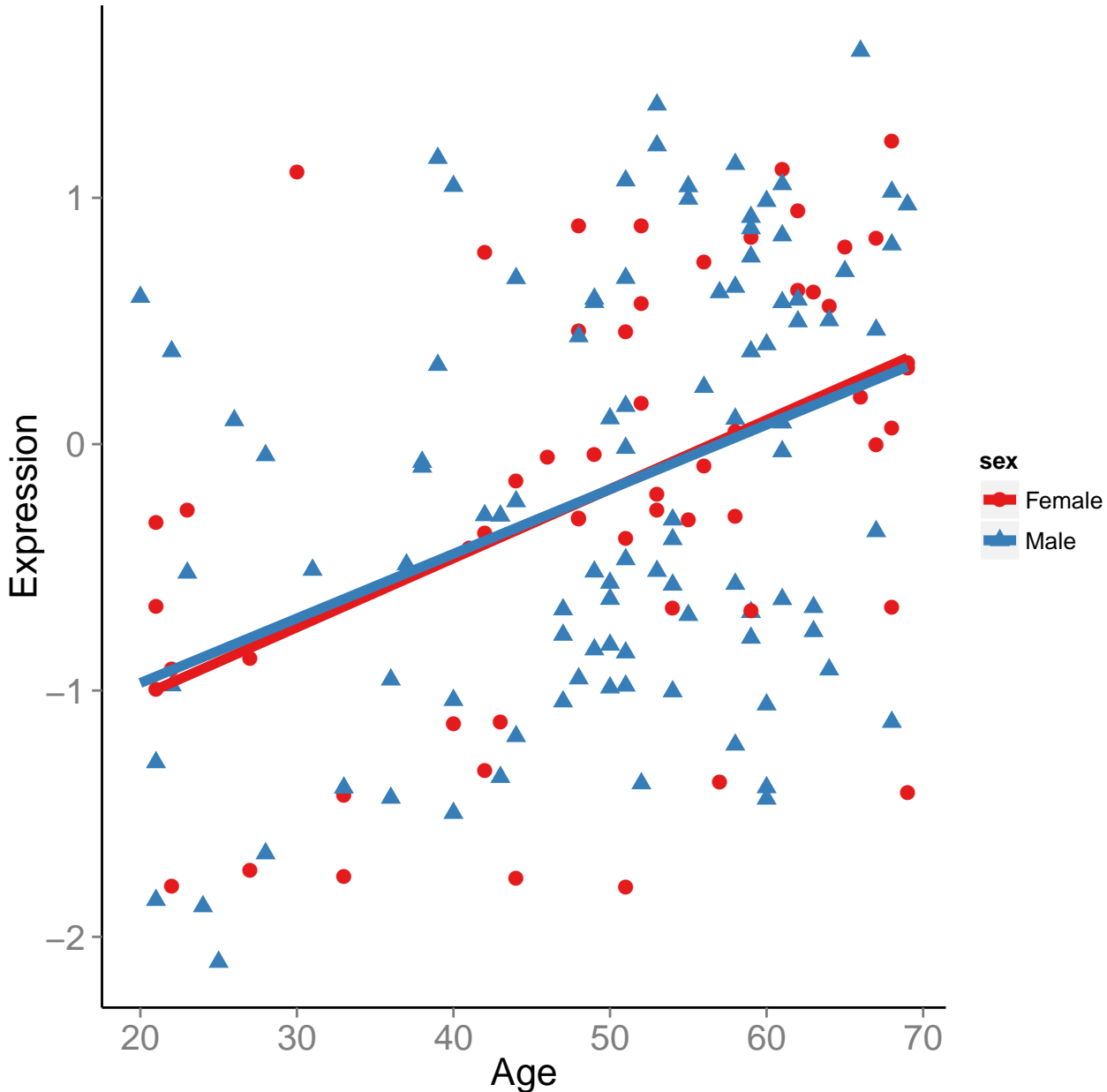
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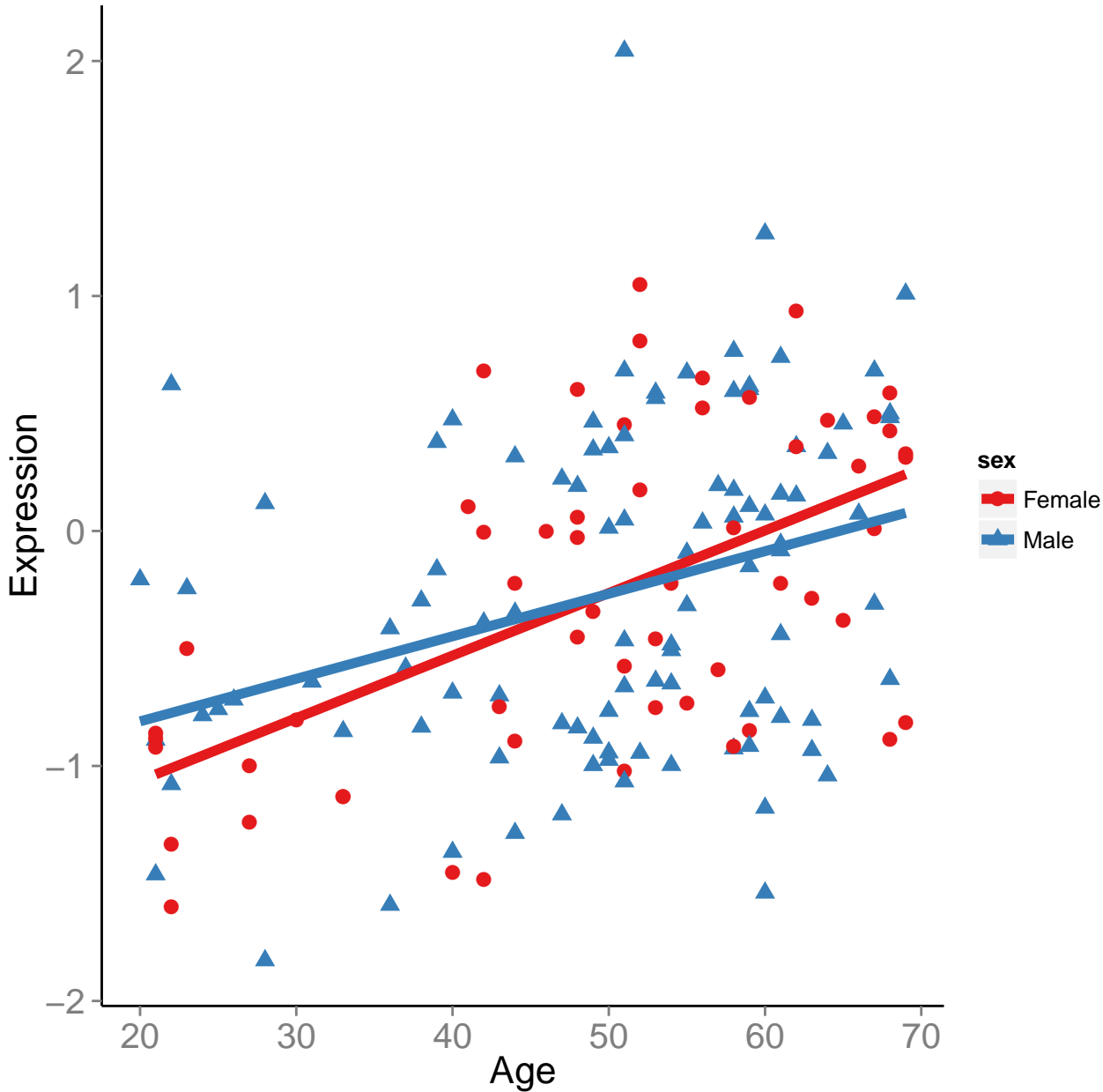
Blood: OSBPL5 Pearson-R=0.41 Pval=8.03E-08



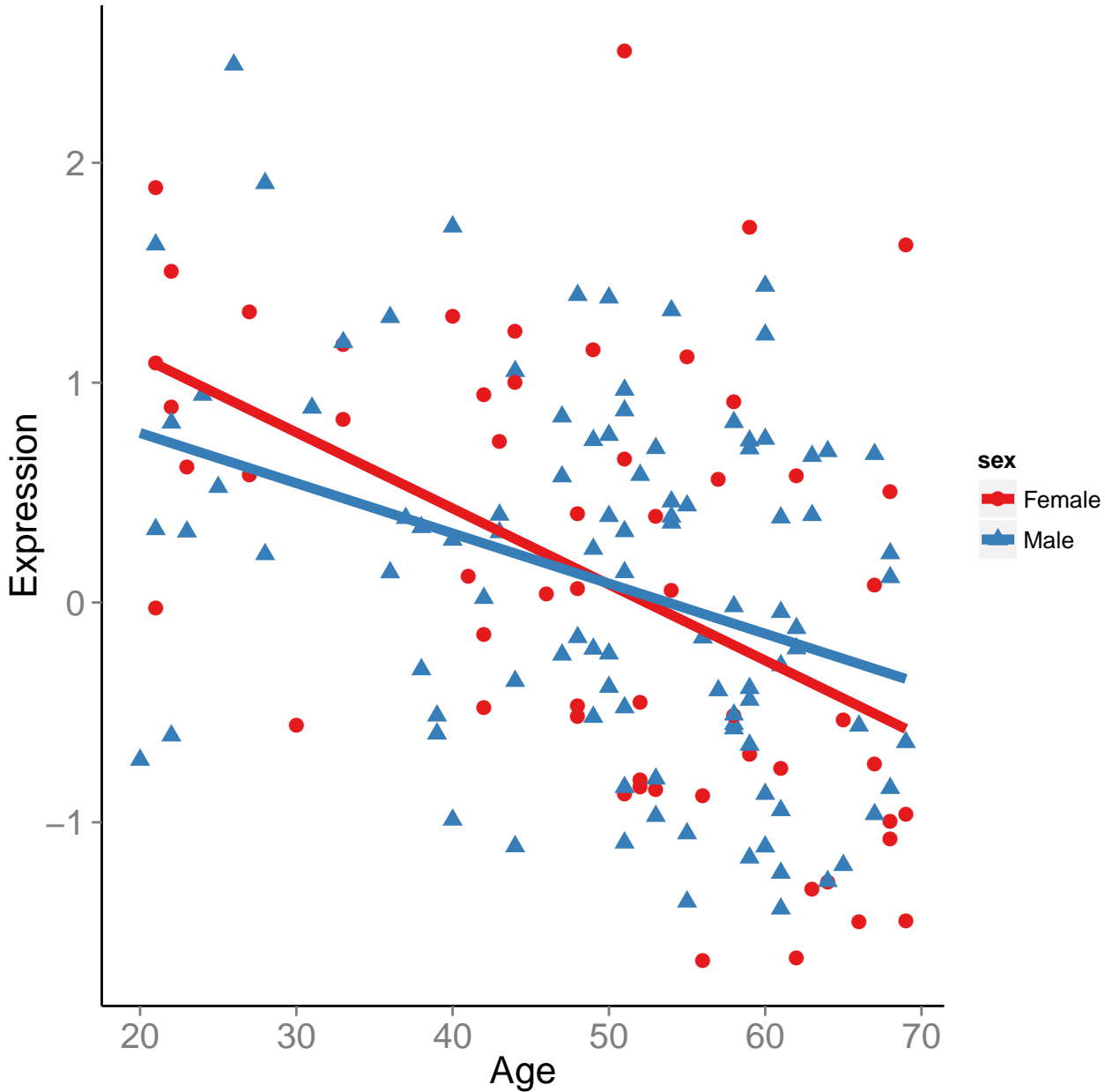
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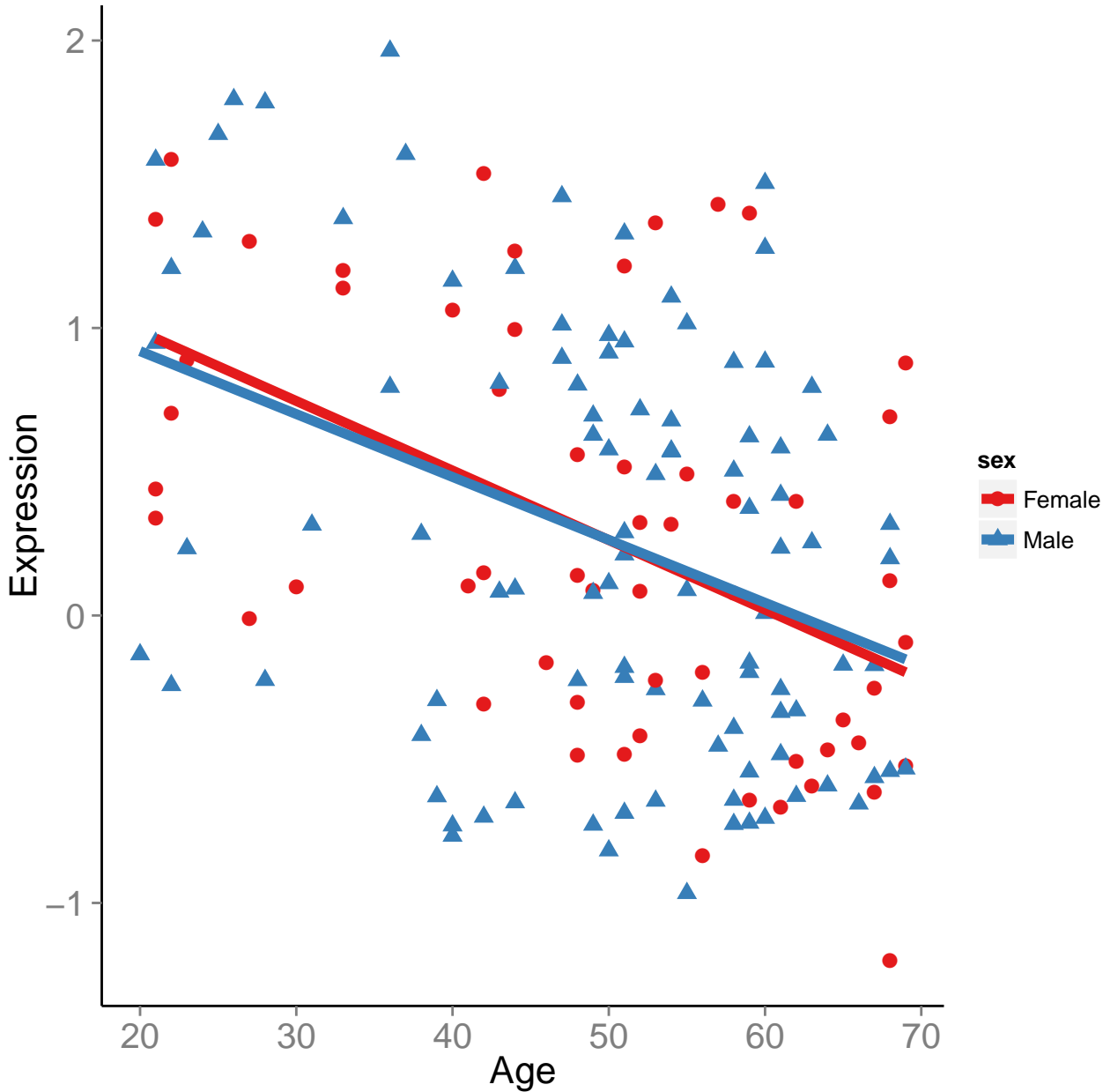
Blood: TMCO4 Pearson-R=0.41 Pval=7.89E-08



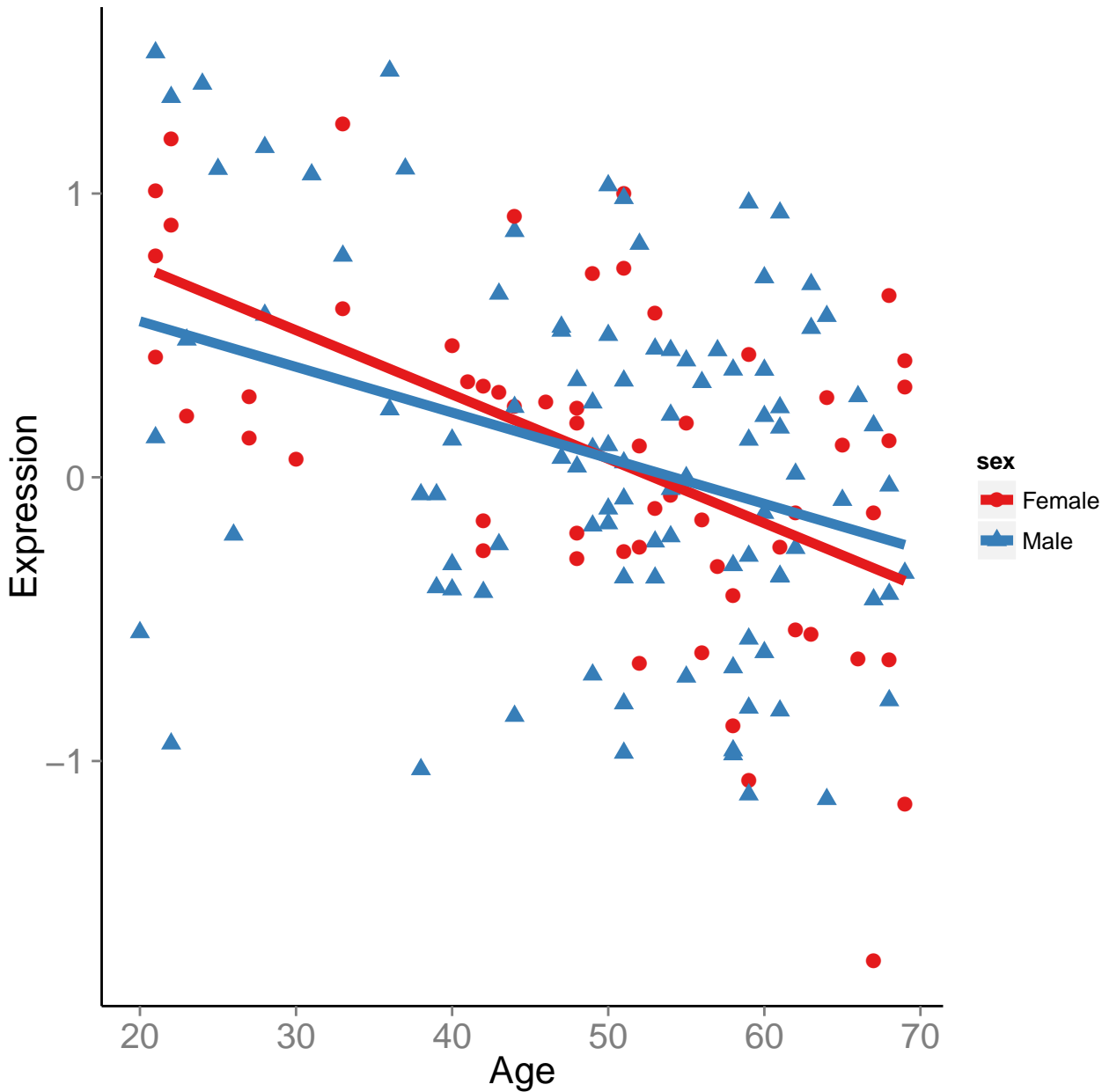
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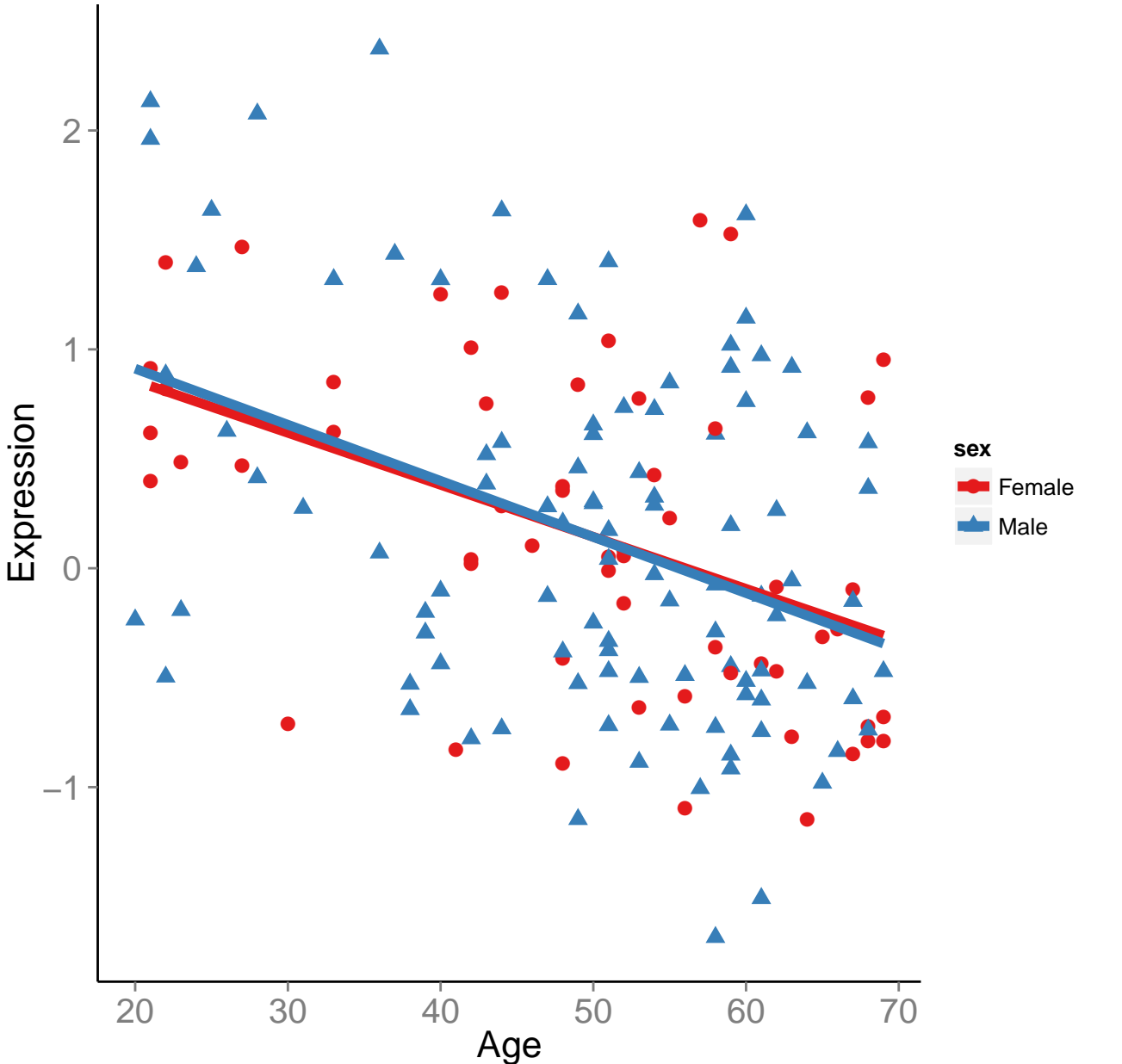
Blood: AKTIP Pearson-R=-0.41 Pval=8.27E-08



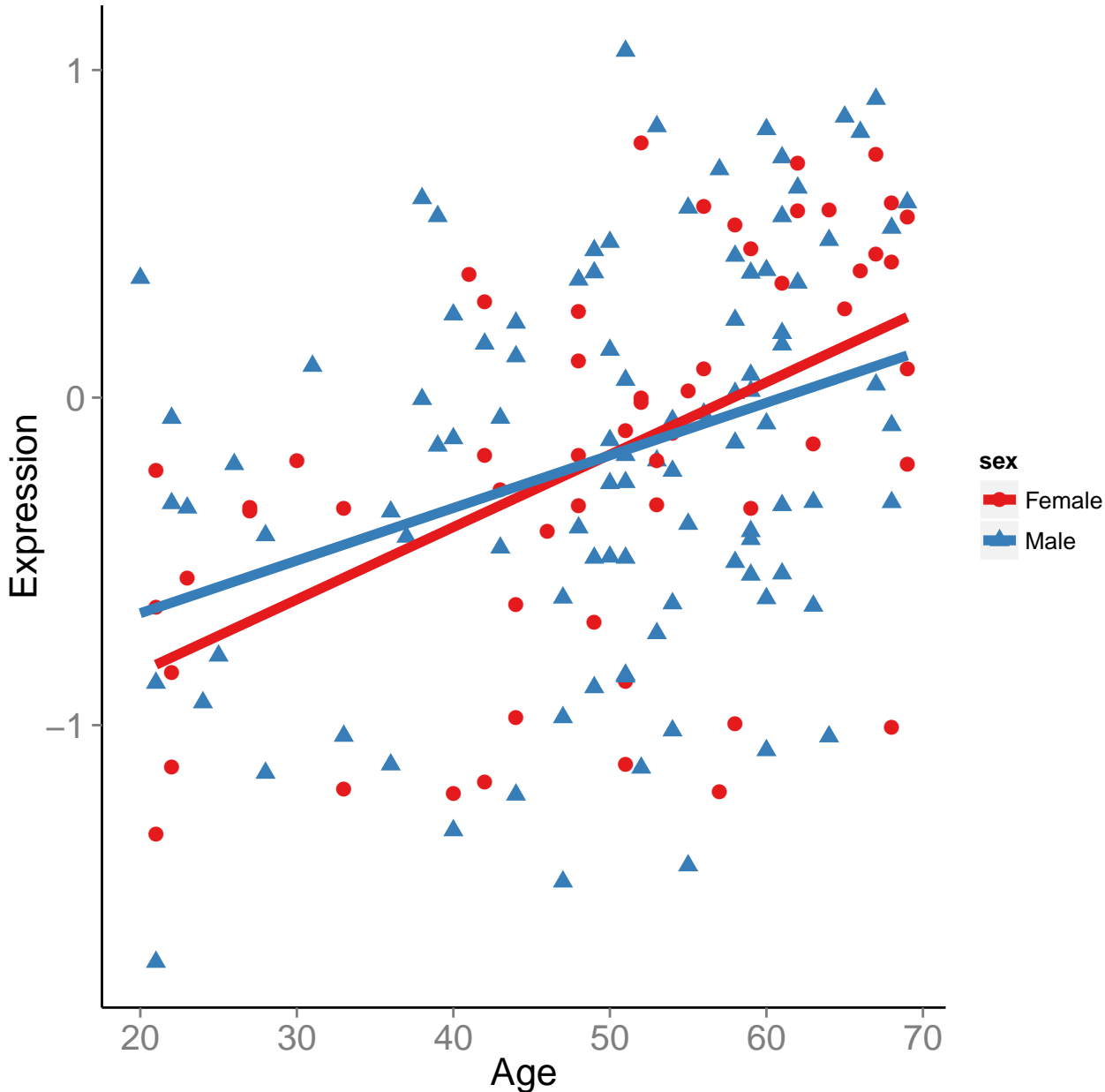
Blood: LYPLAL1 Pearson-R=-0.41 Pval=1.10E-07



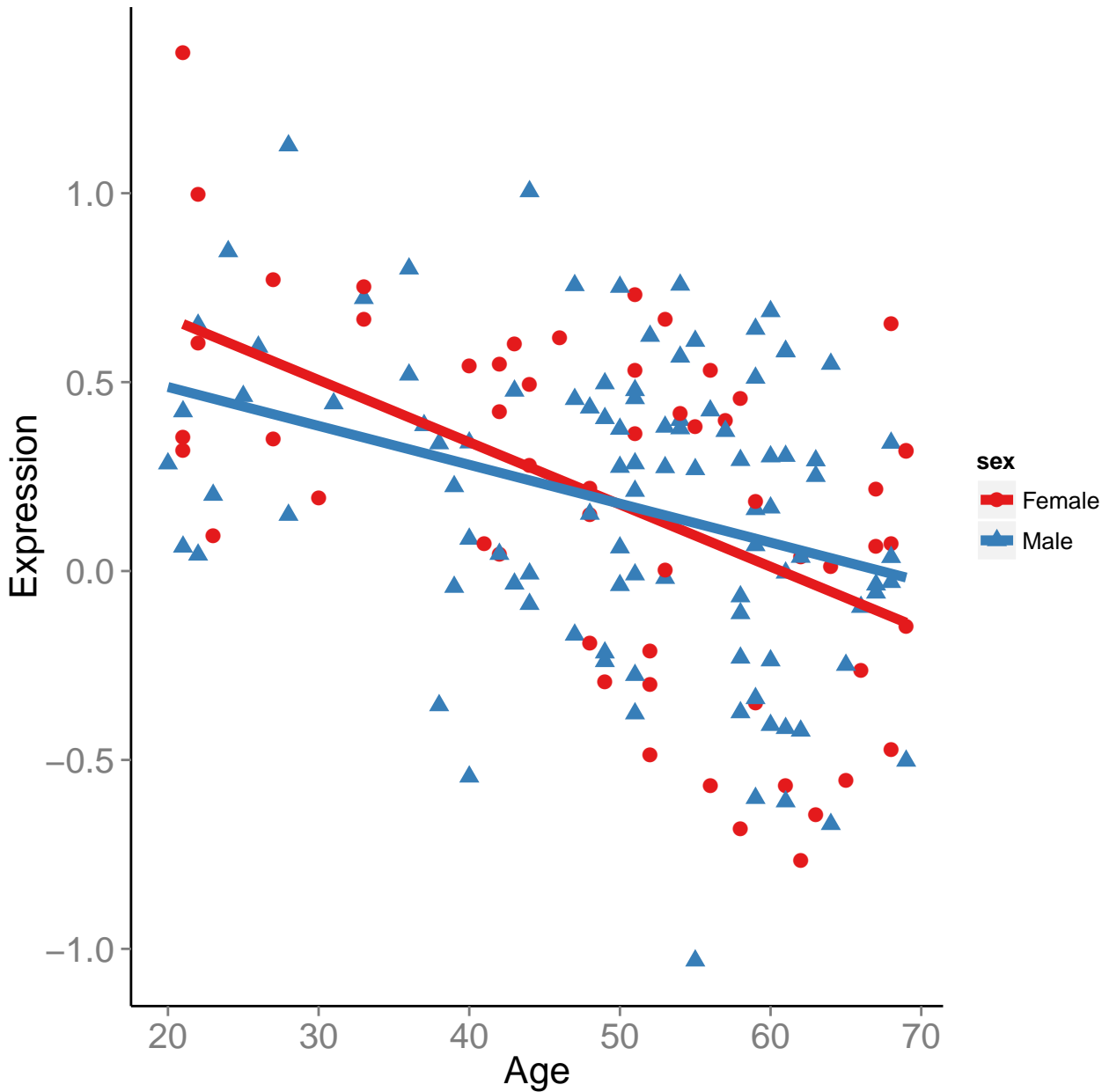
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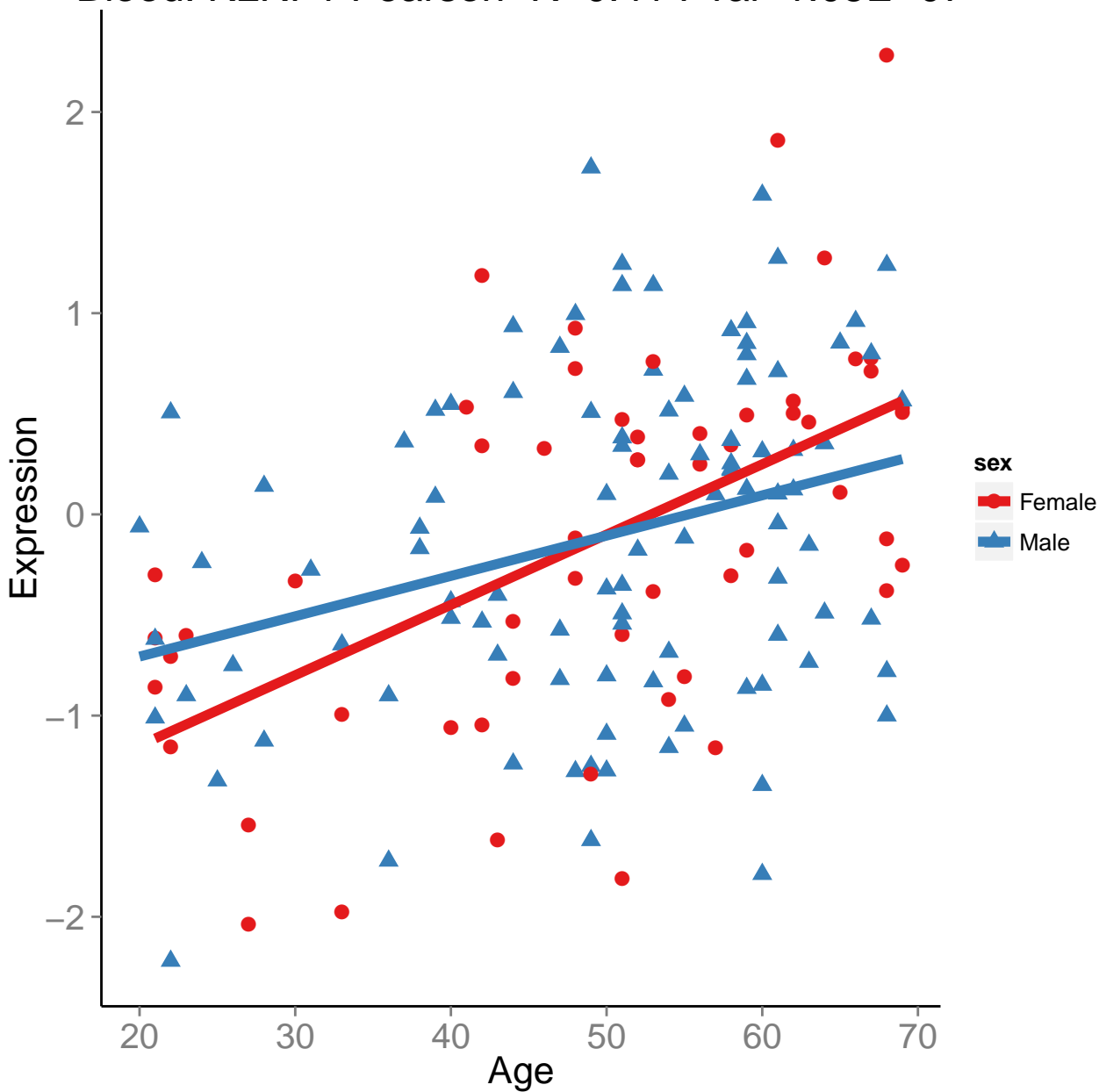
Blood: AGAP6 Pearson-R=0.41 Pval=1.06E-07



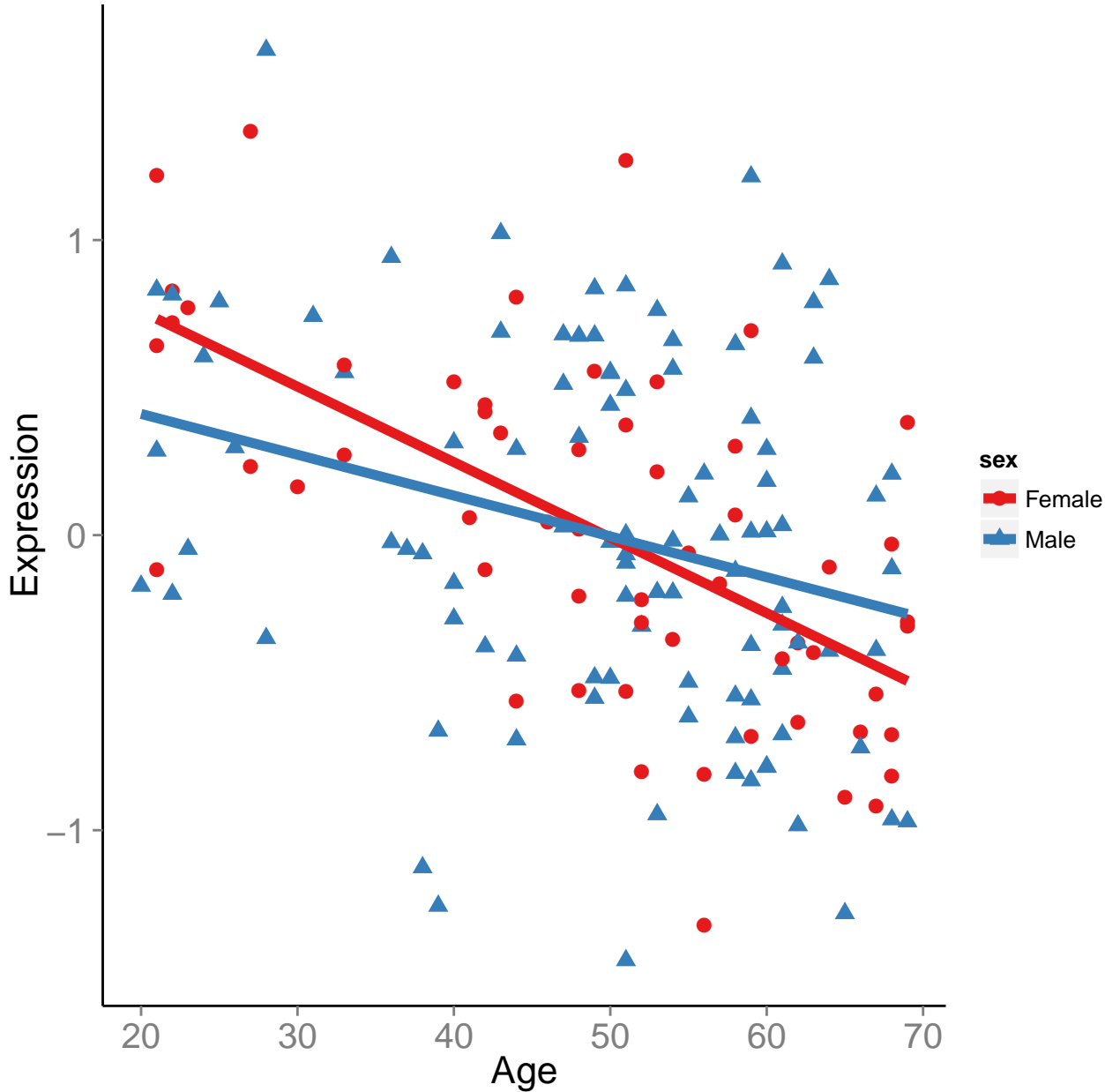
Blood: KIAA1143 Pearson-R=-0.41 Pval=1.08E-07



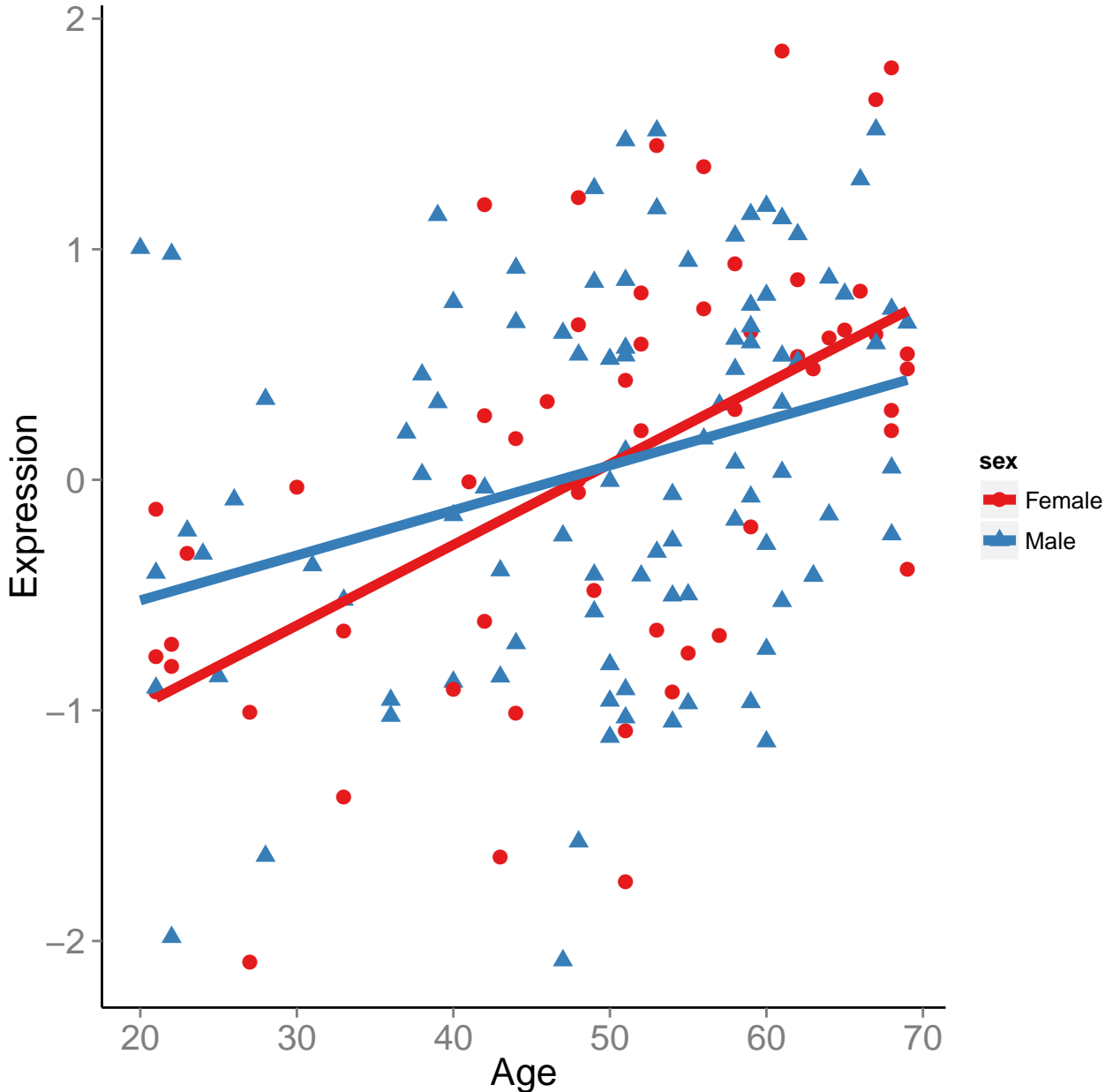
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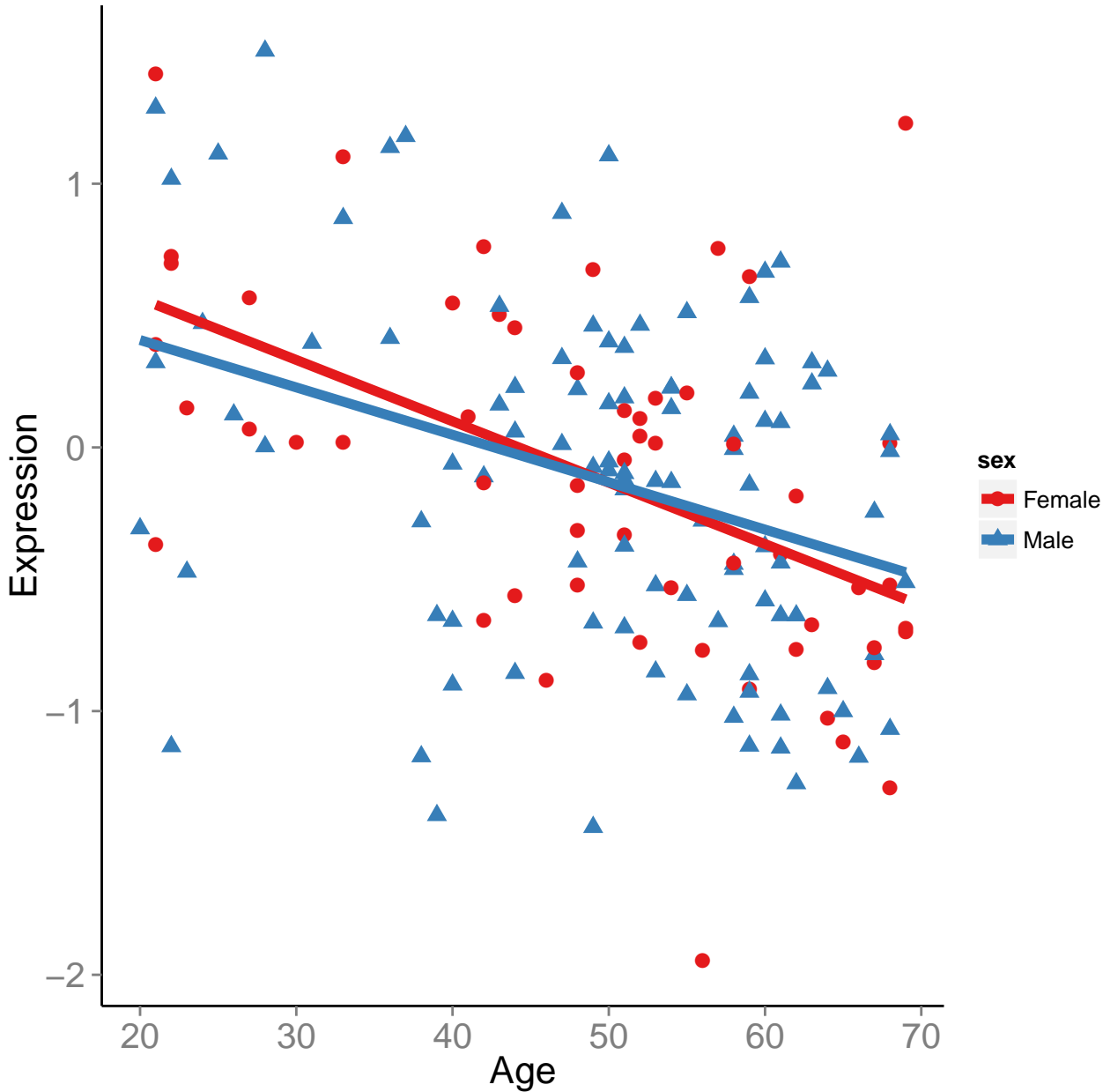
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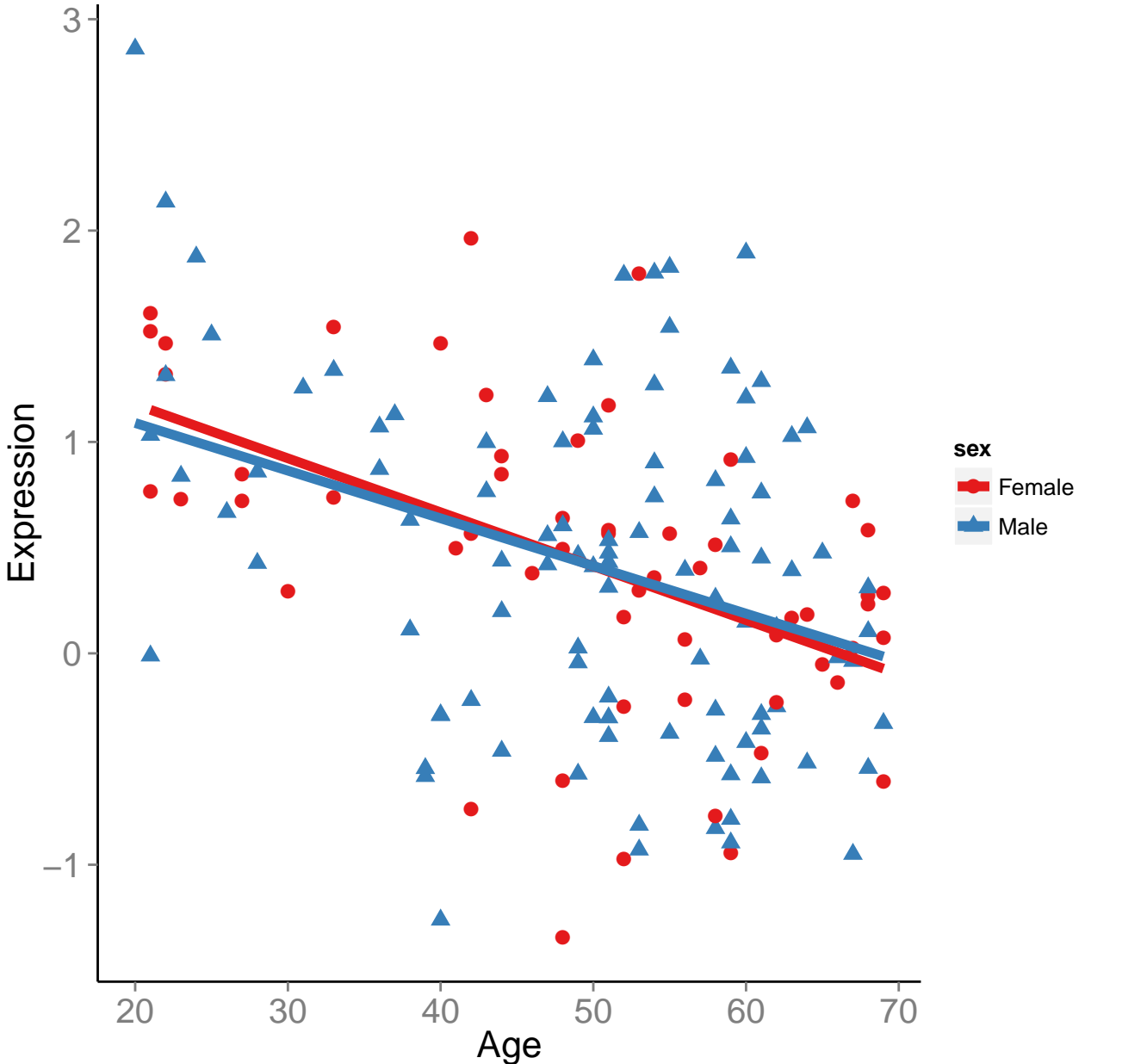
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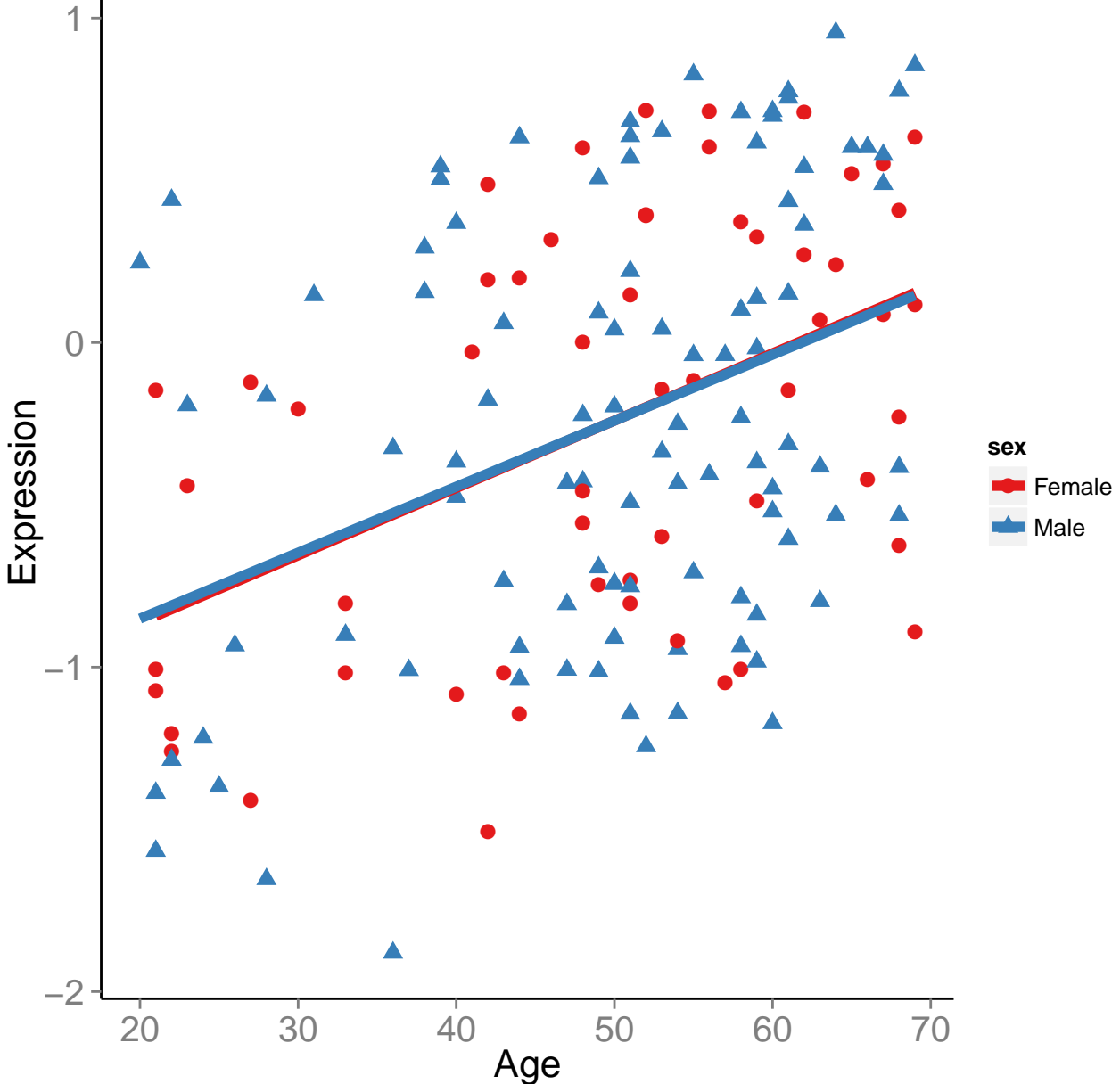
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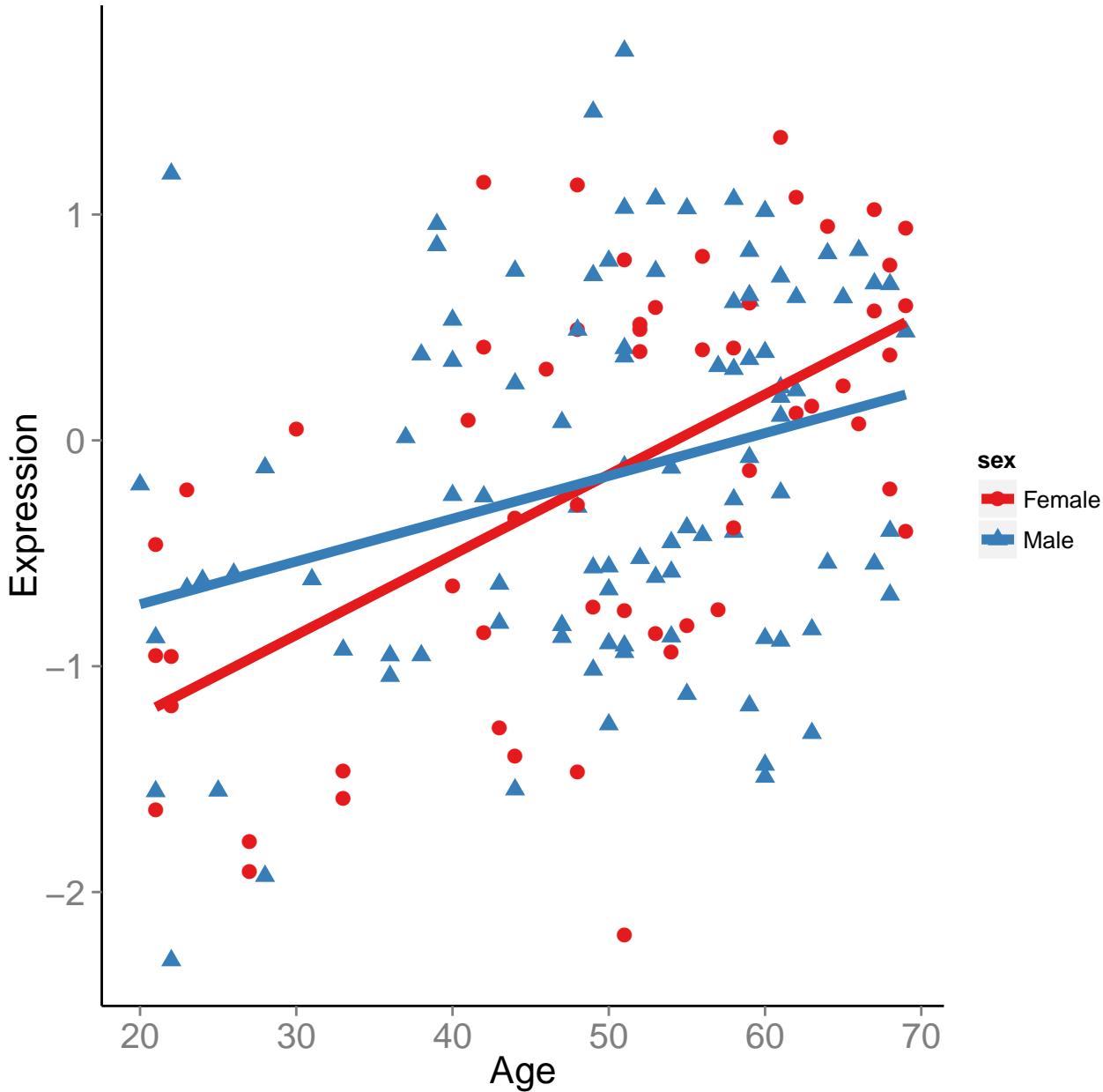
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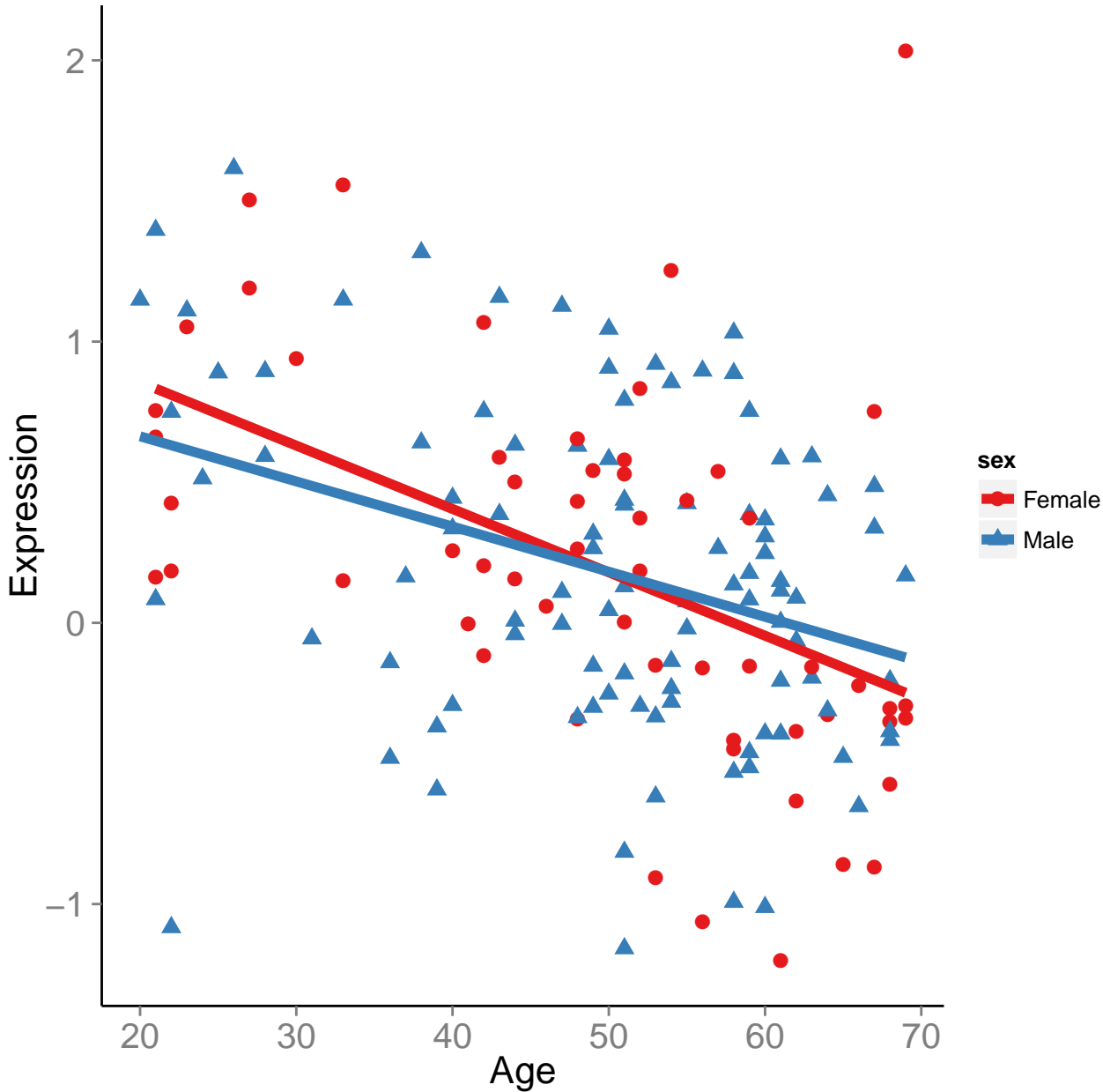
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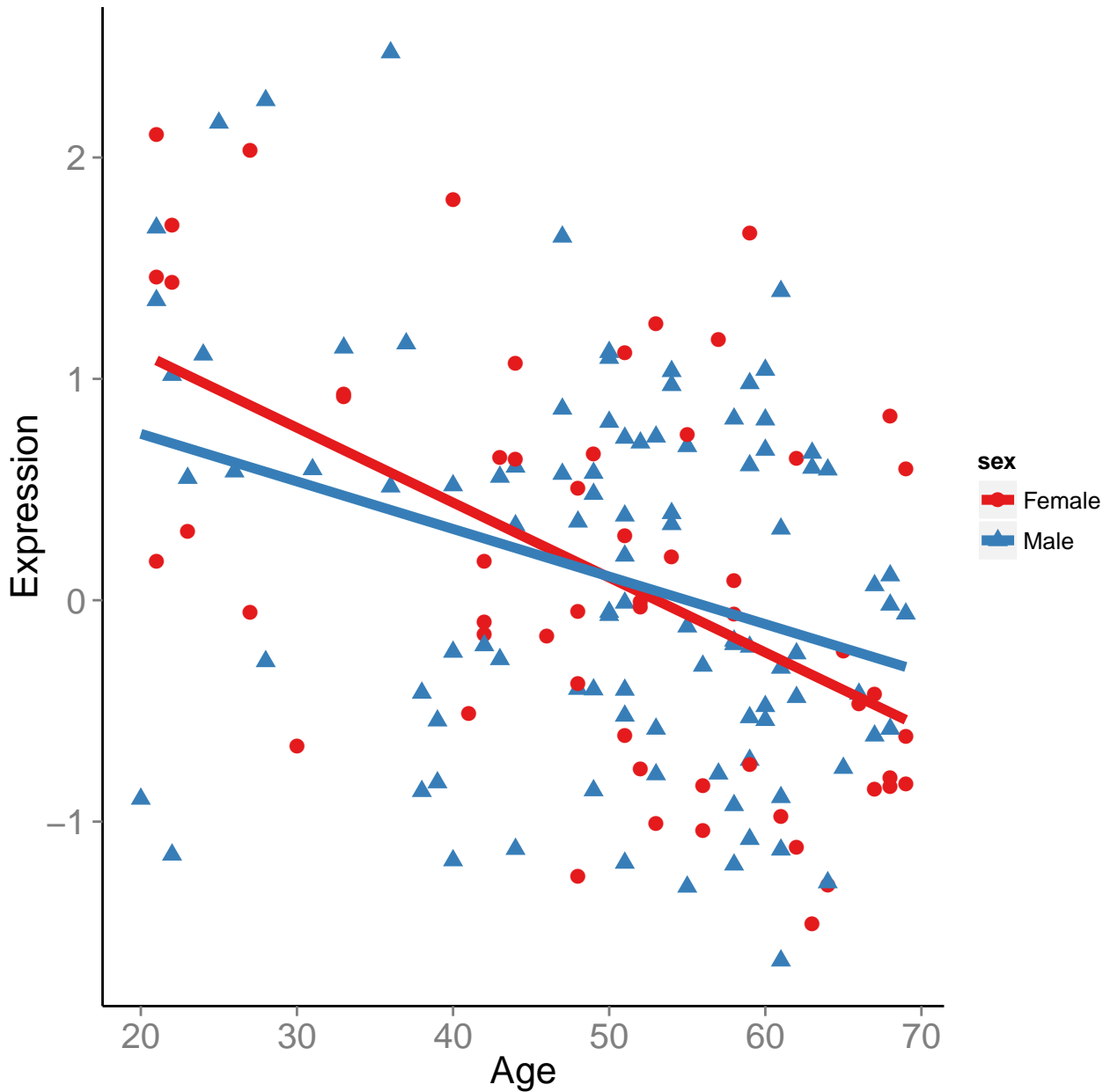
Blood: FCRL6 Pearson-R=0.41 Pval=1.34E-07



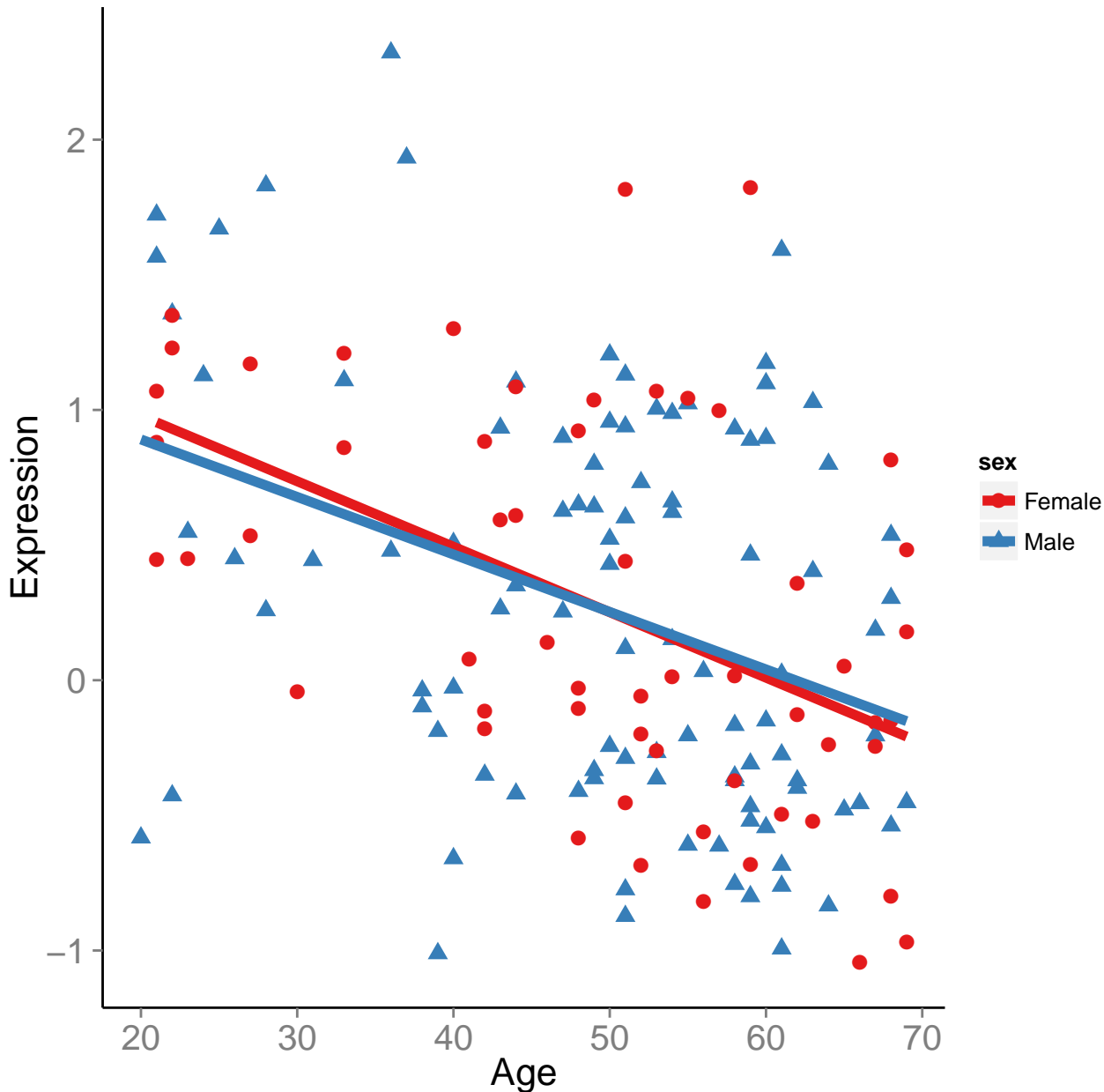
Blood: CCR7 Pearson-R=-0.40 Pval=1.64E-07



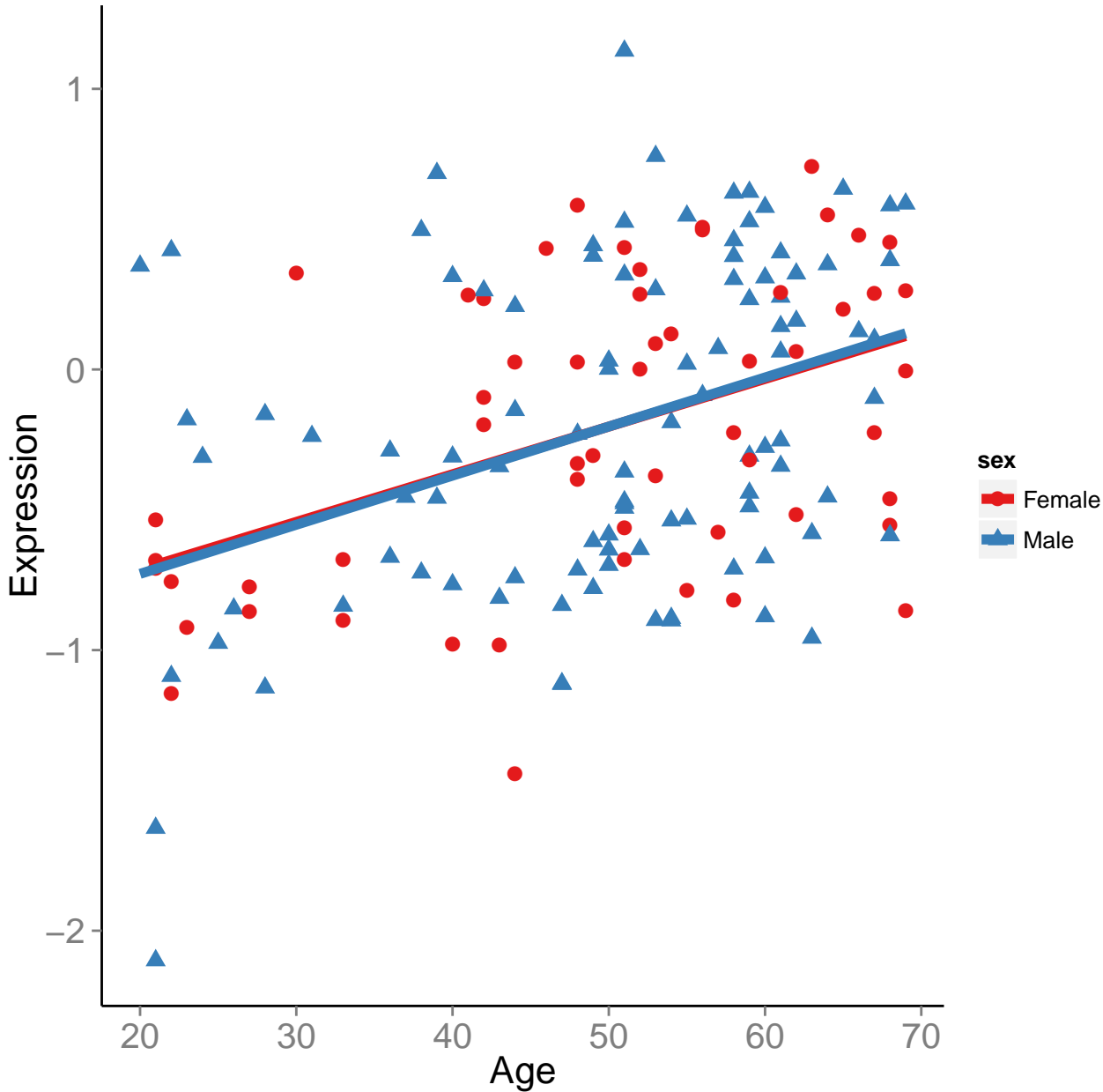
Blood: H3F3AP4 Pearson-R=-0.40 Pval=1.62E-07



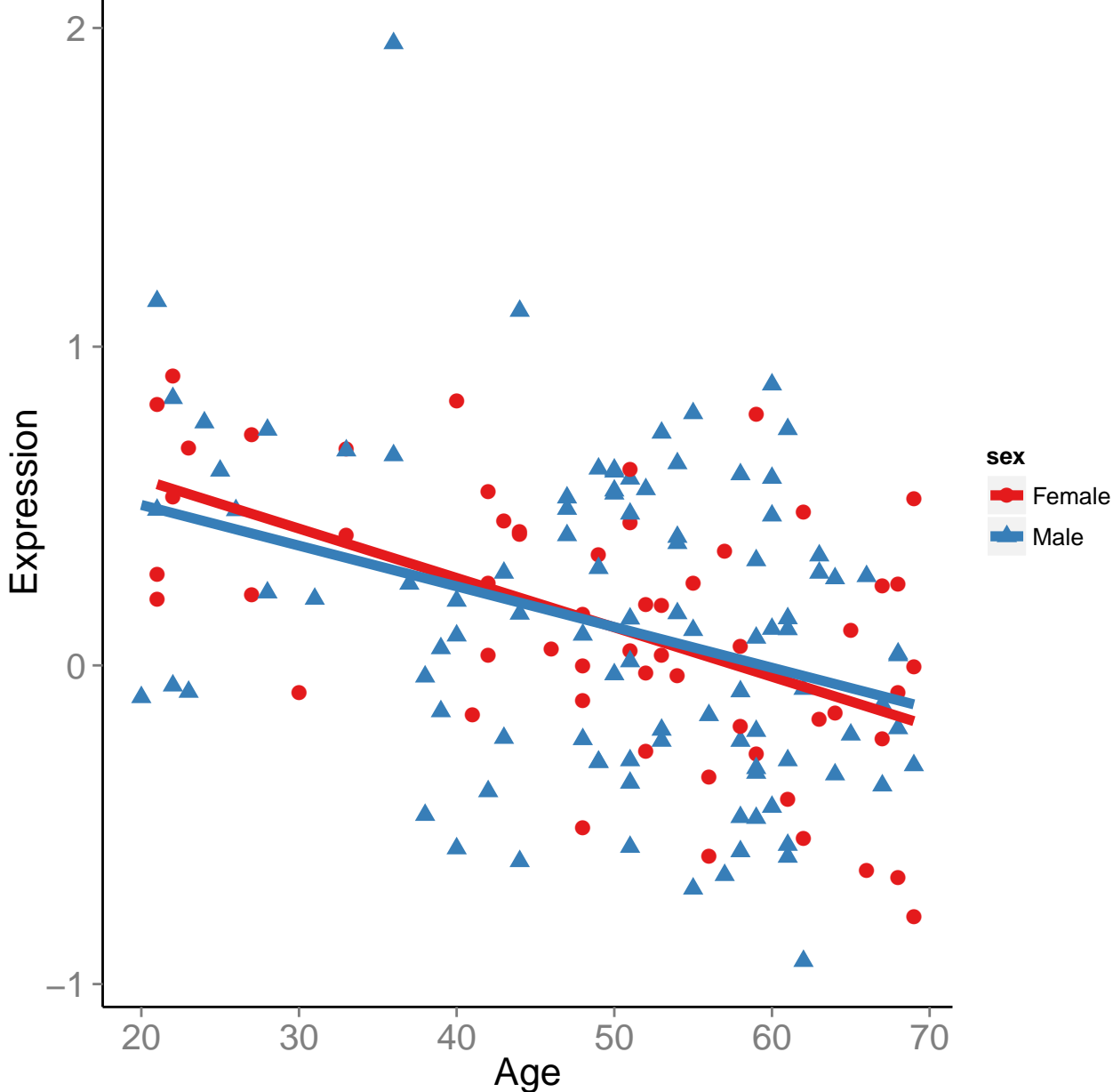
Blood: RAB11A Pearson-R=-0.40 Pval=1.67E-07



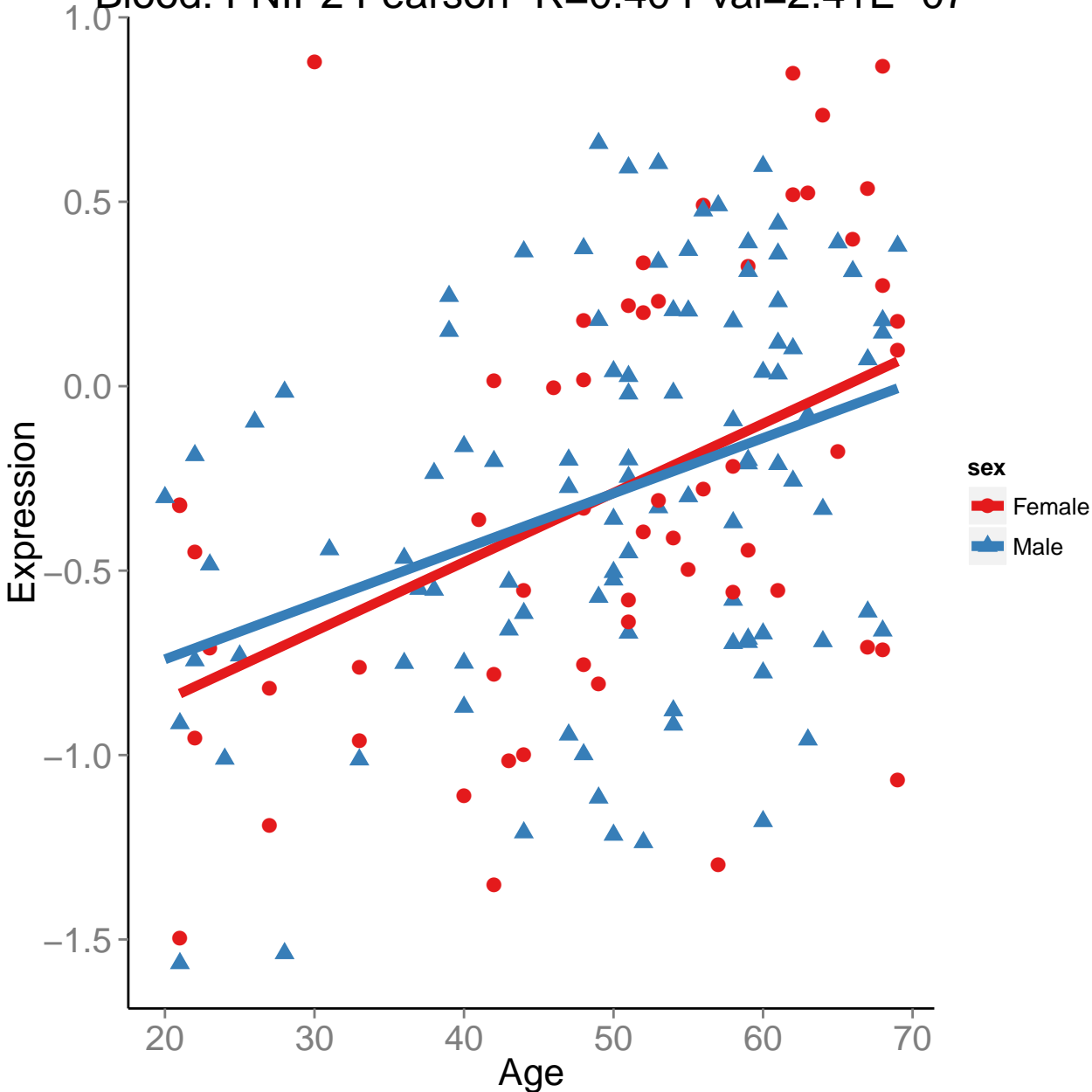
Blood: MZT1 Pearson-R=0.40 Pval=1.64E-07



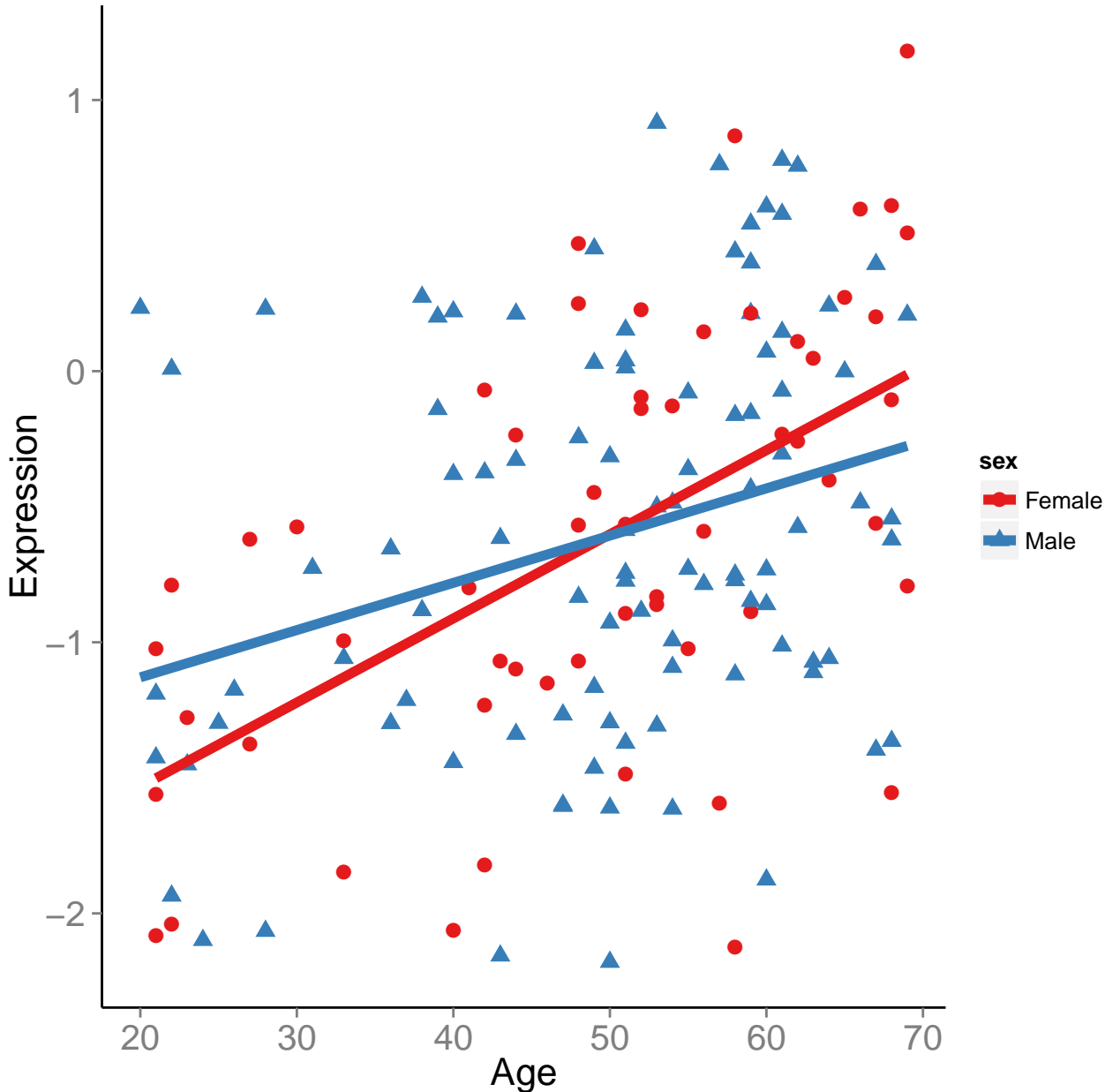
Blood: VTA1 Pearson-R=-0.40 Pval=1.78E-07



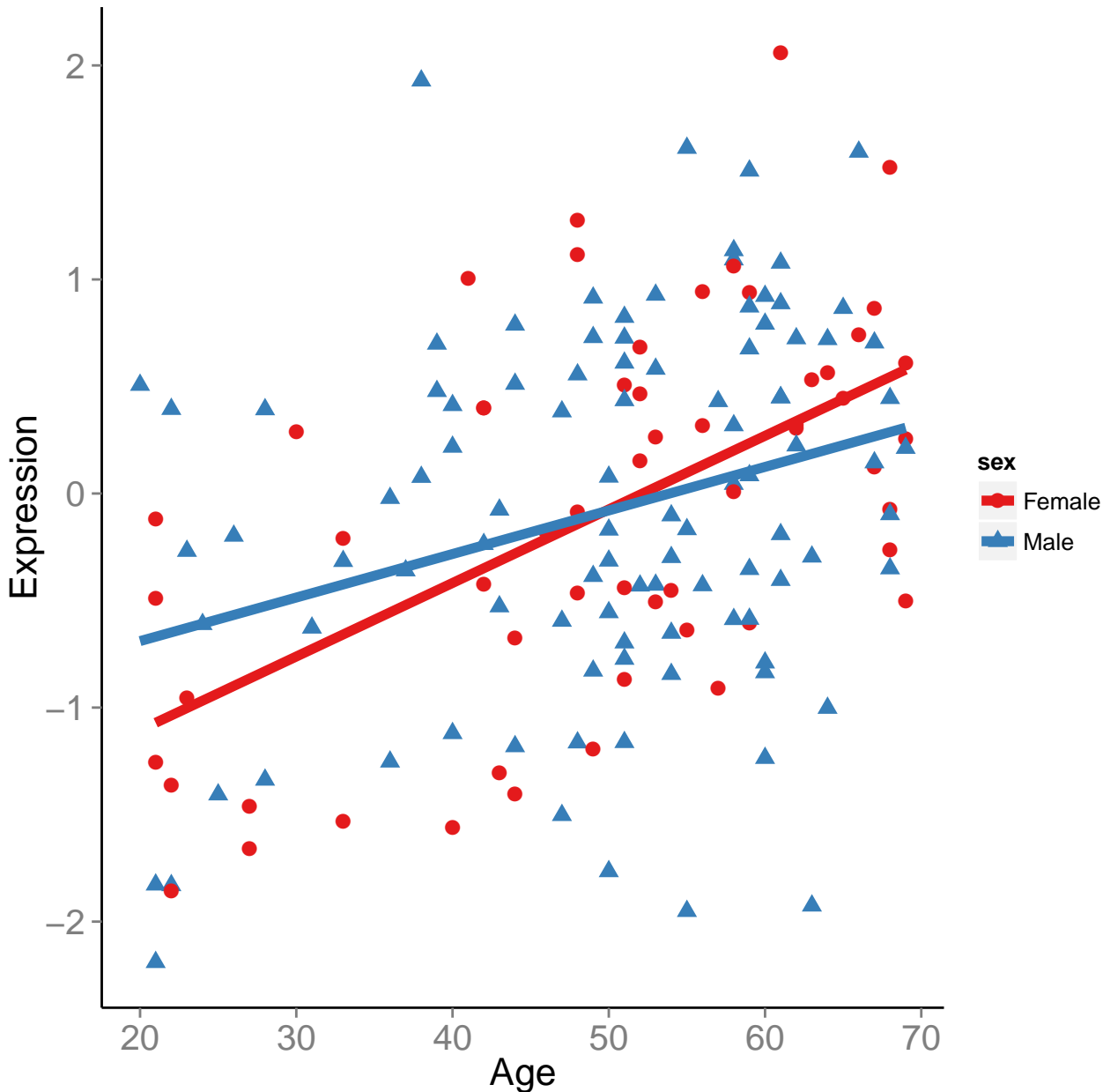
Blood: FNIP2 Pearson-R=0.40 Pval=2.41E-07



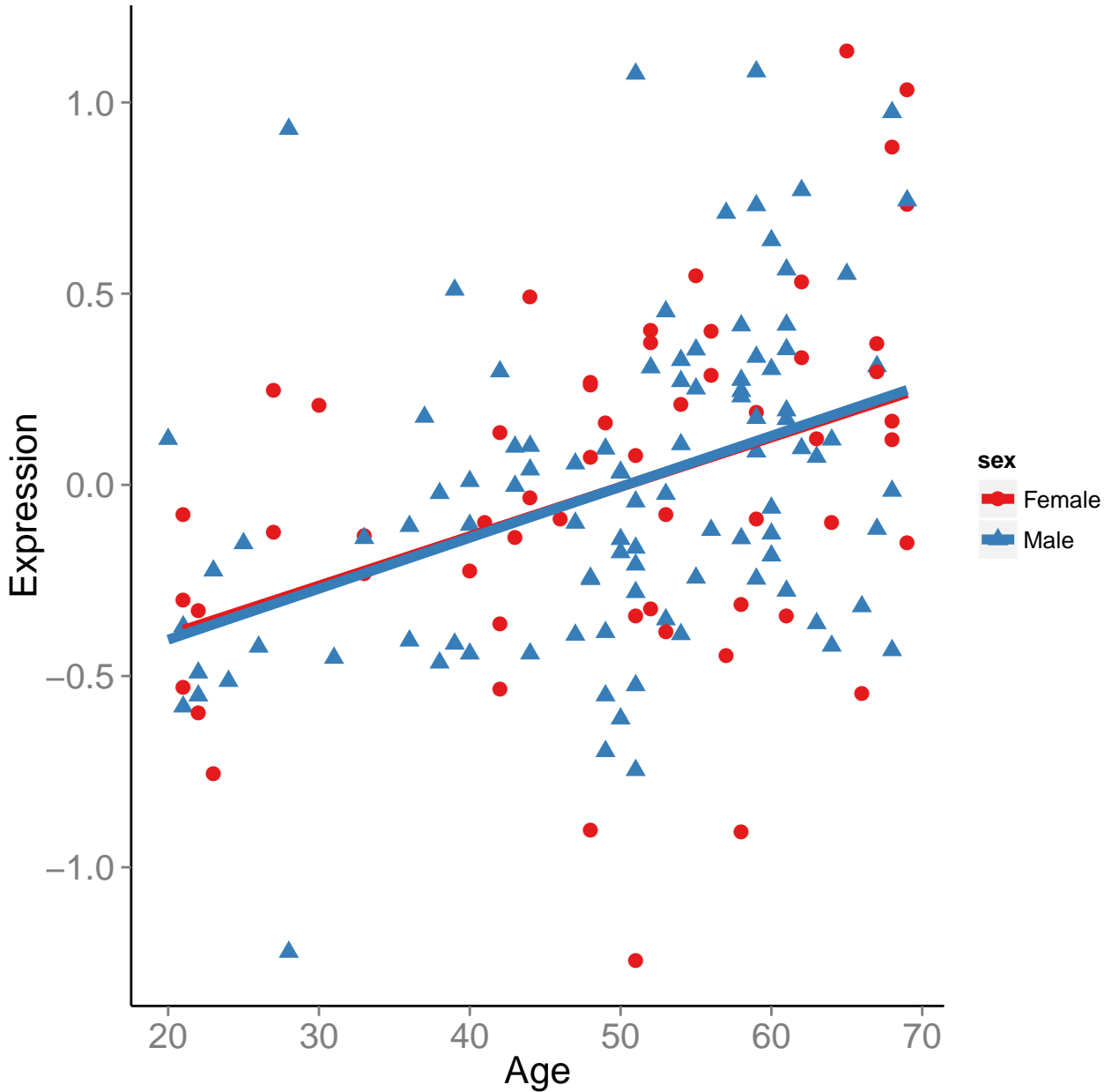
Blood: HSPA5 Pearson-R=0.40 Pval=1.92E-07



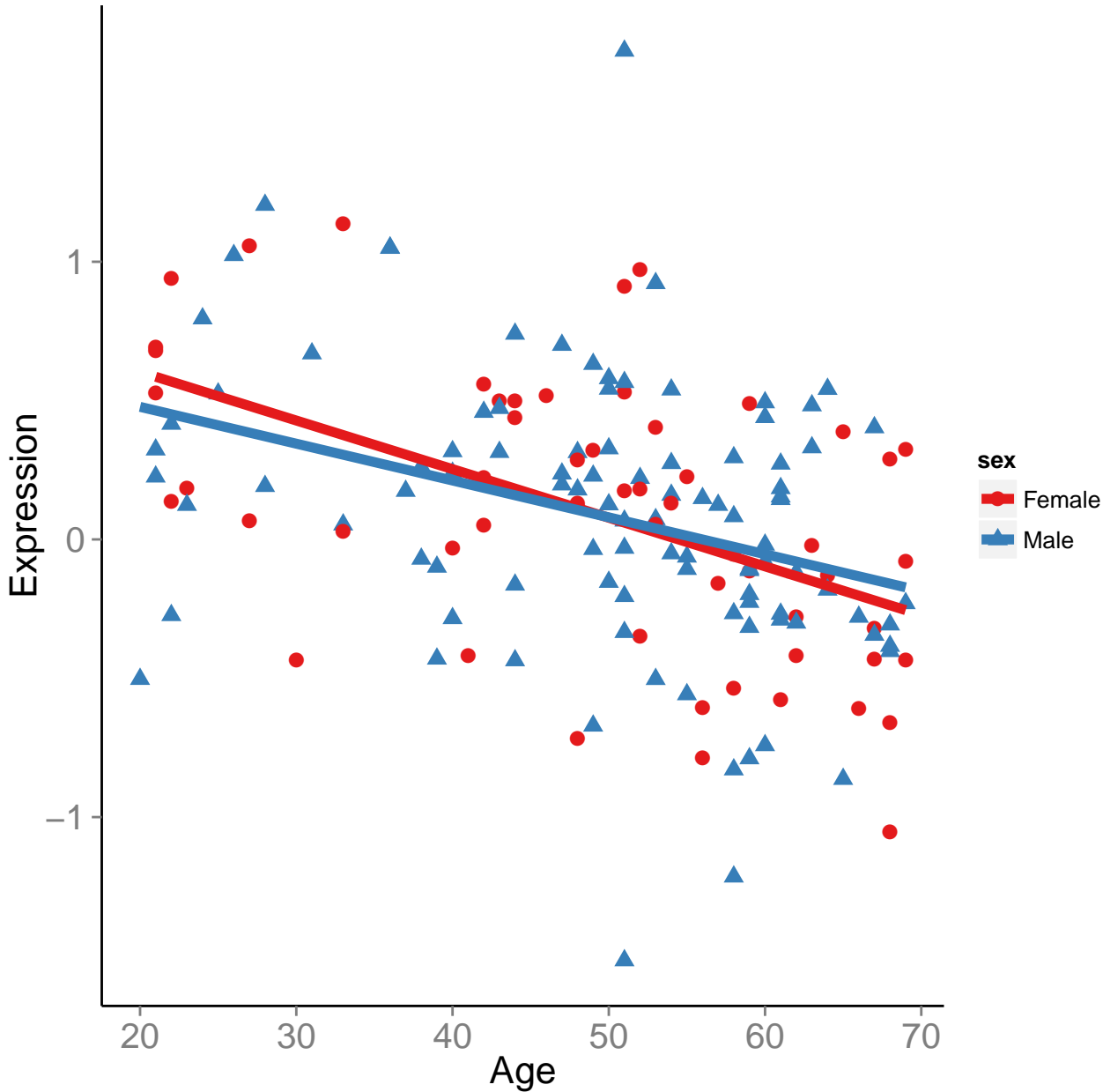
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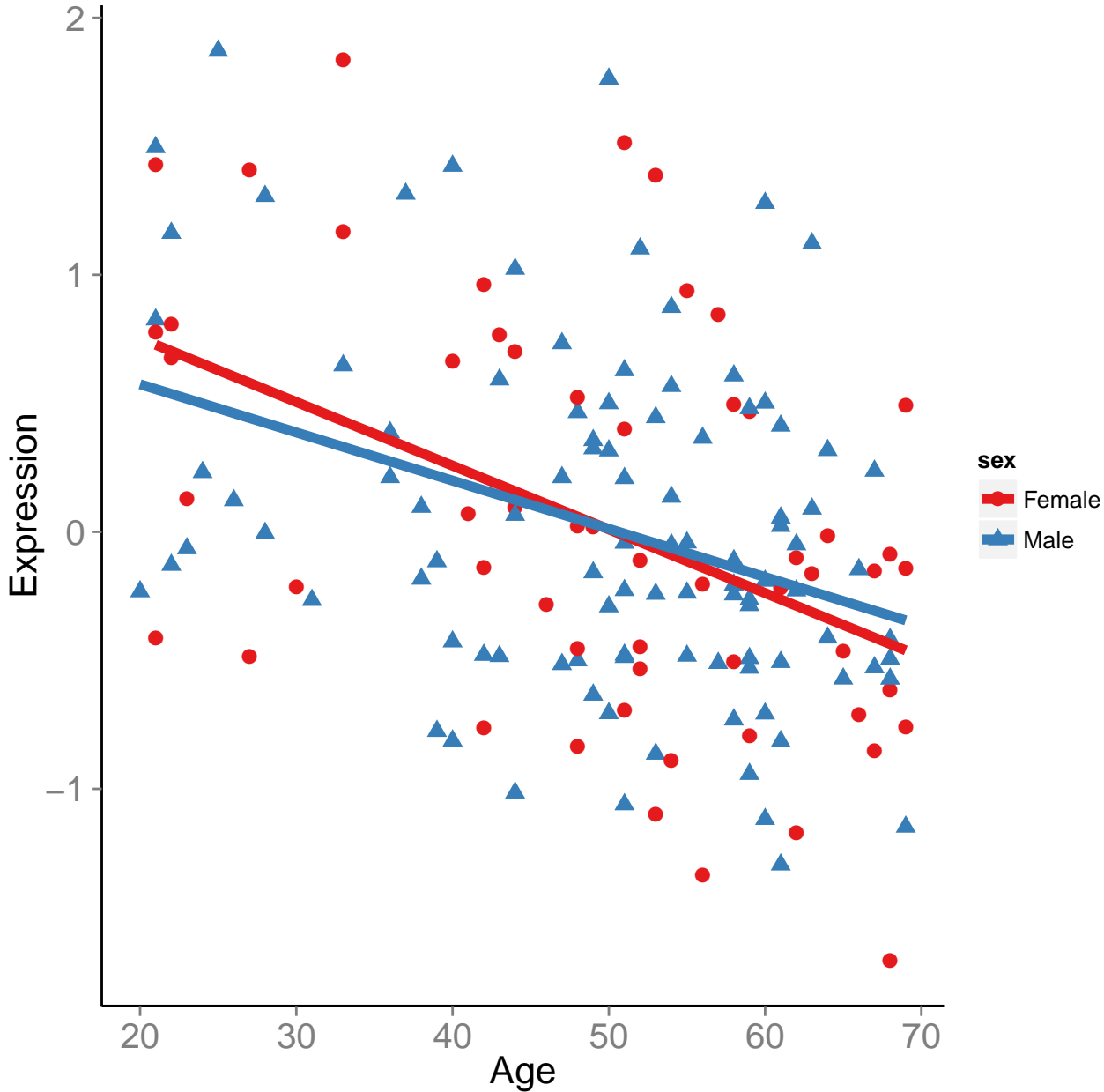
Blood: KAT6A Pearson-R=0.40 Pval=2.24E-07



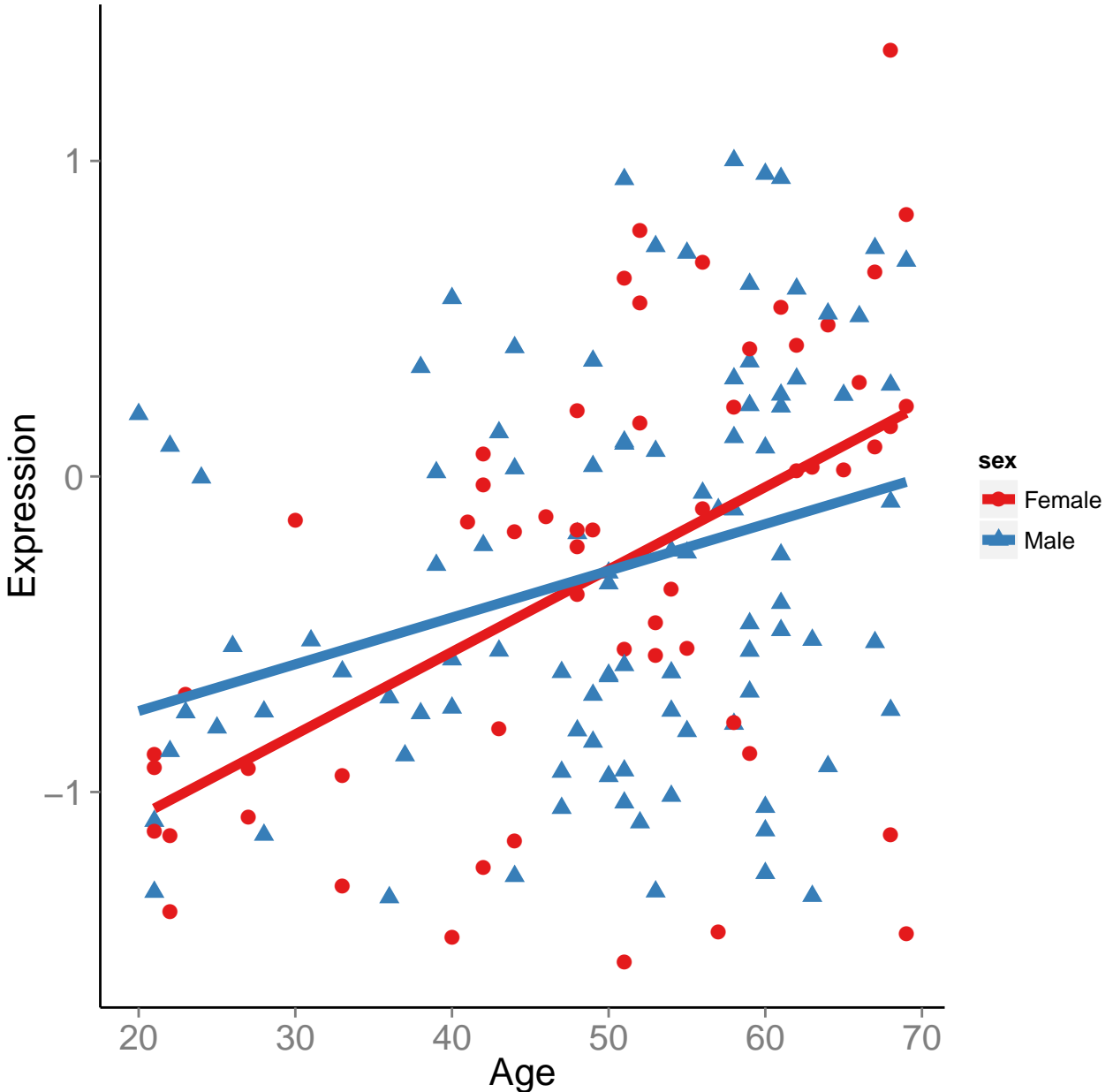
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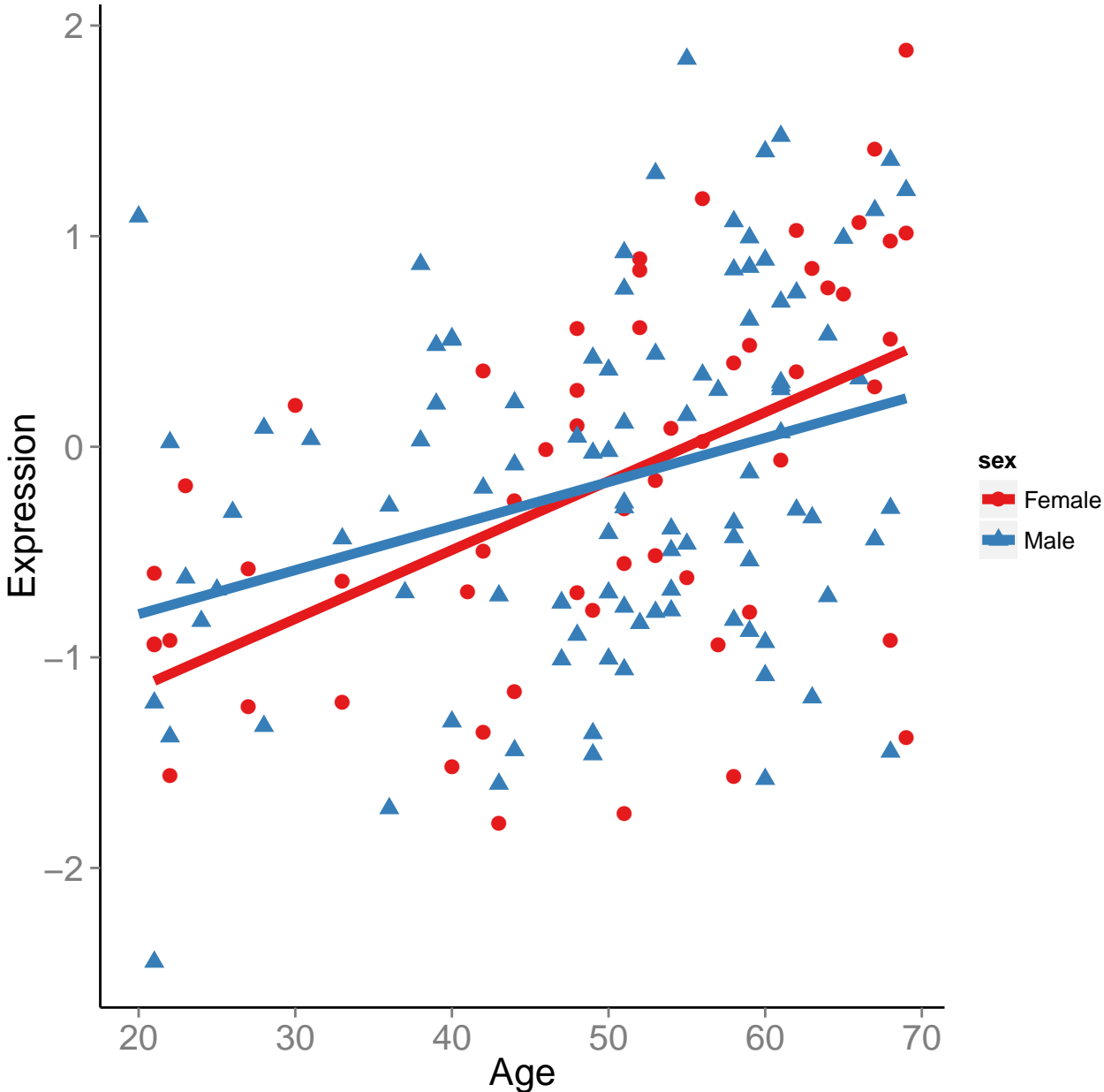
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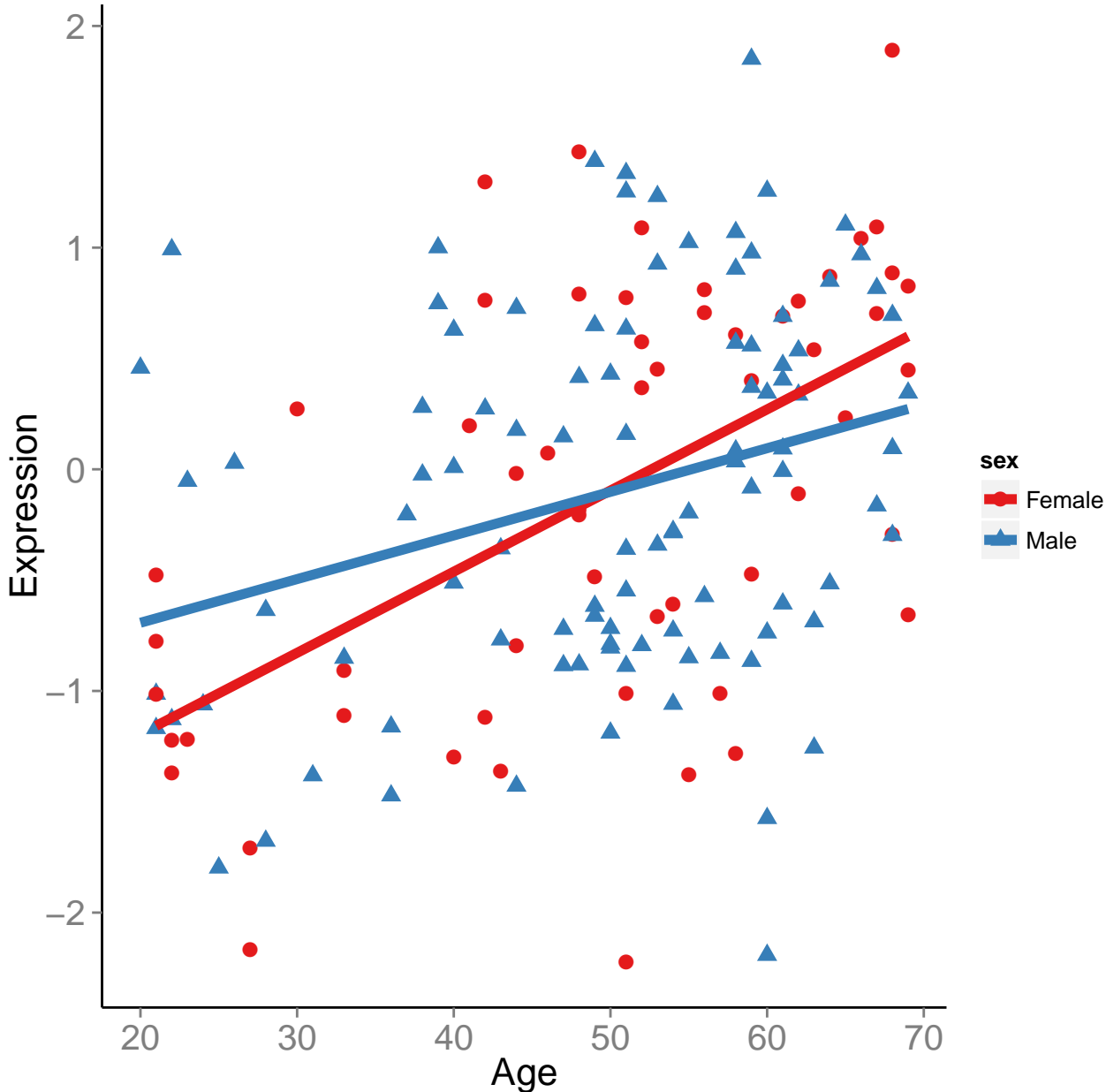
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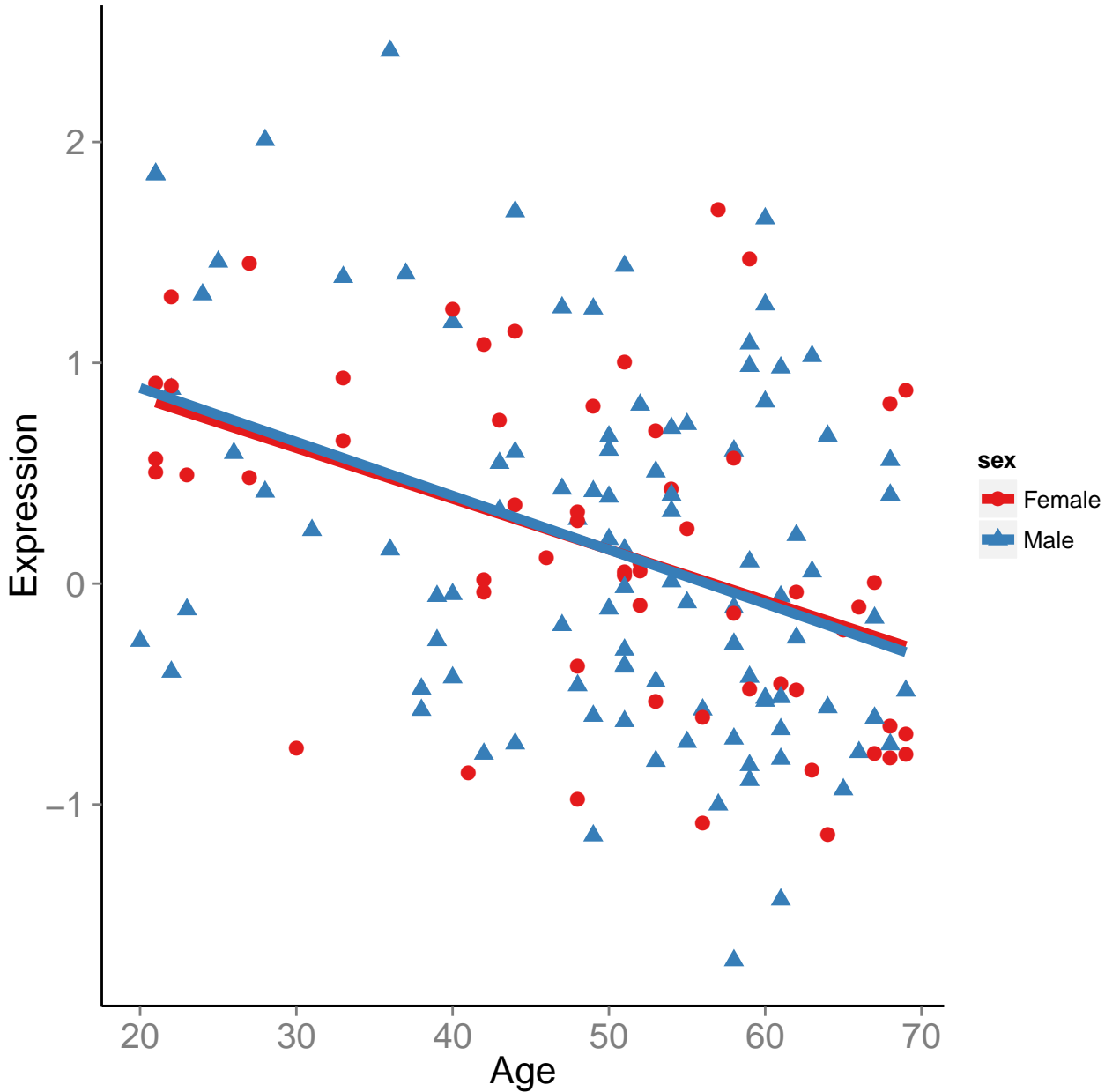
Blood: FAM210A Pearson-R=0.40 Pval=2.34E-07



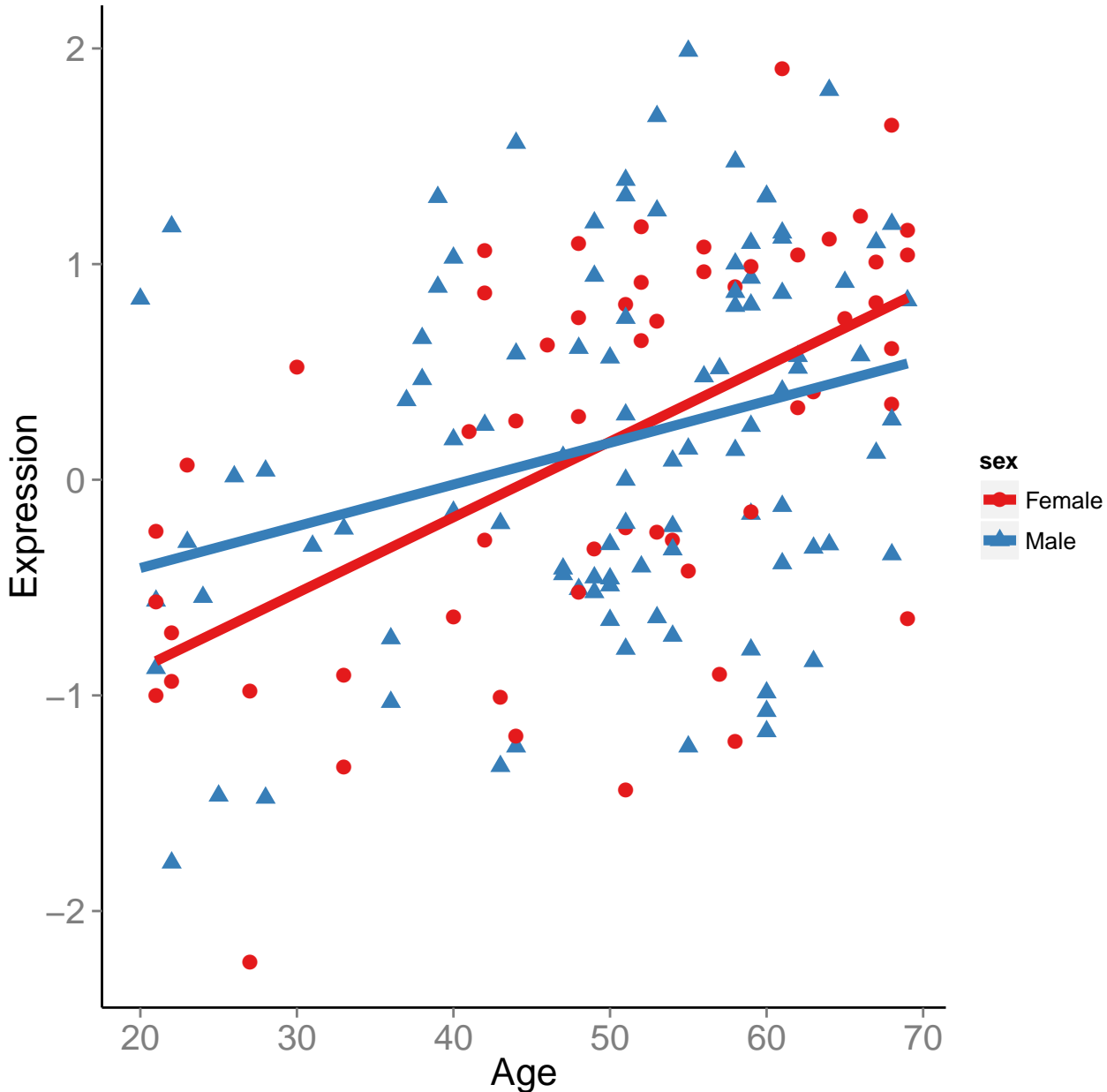
Blood: CTSW Pearson-R=0.40 Pval=1.97E-07



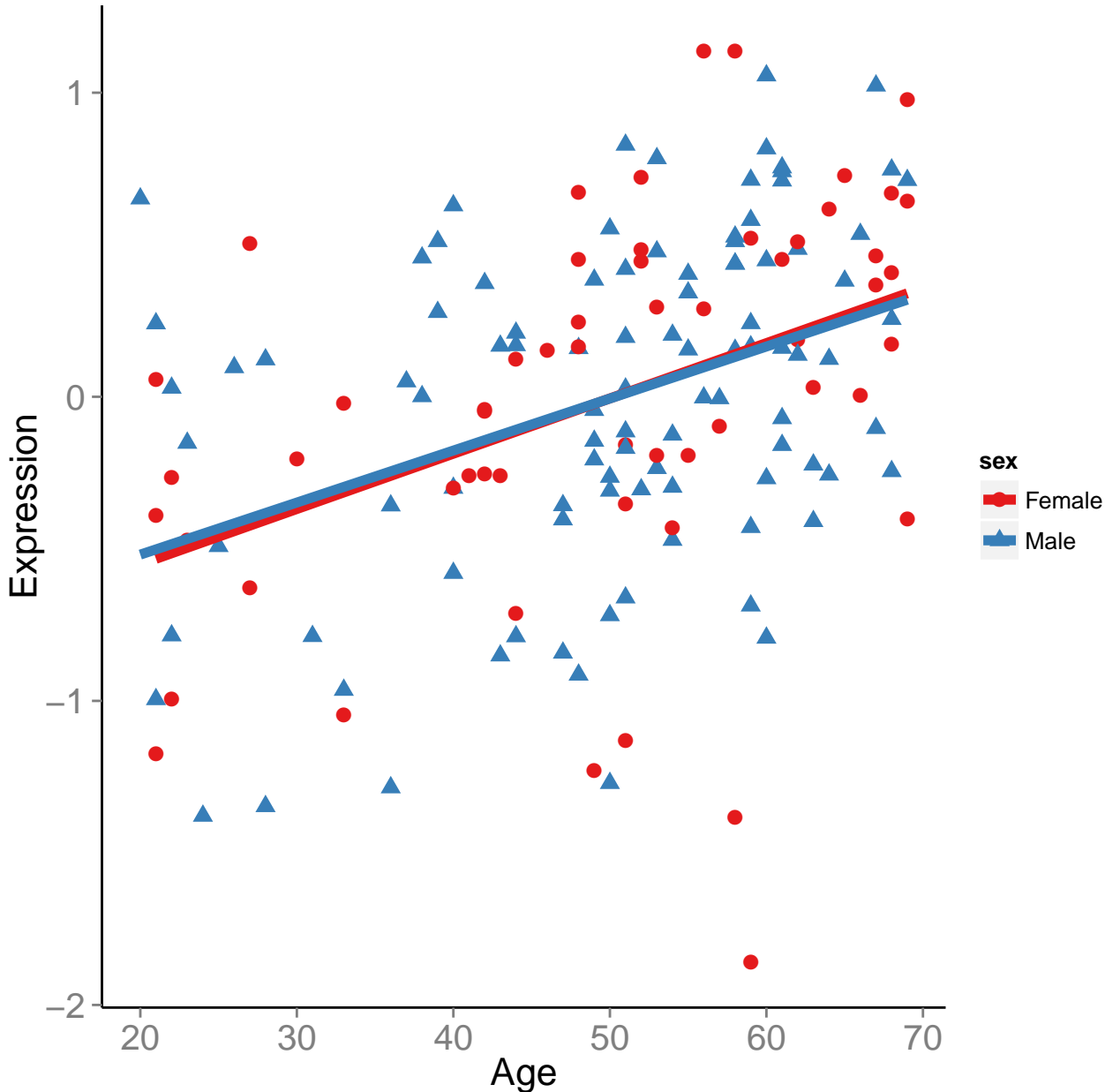
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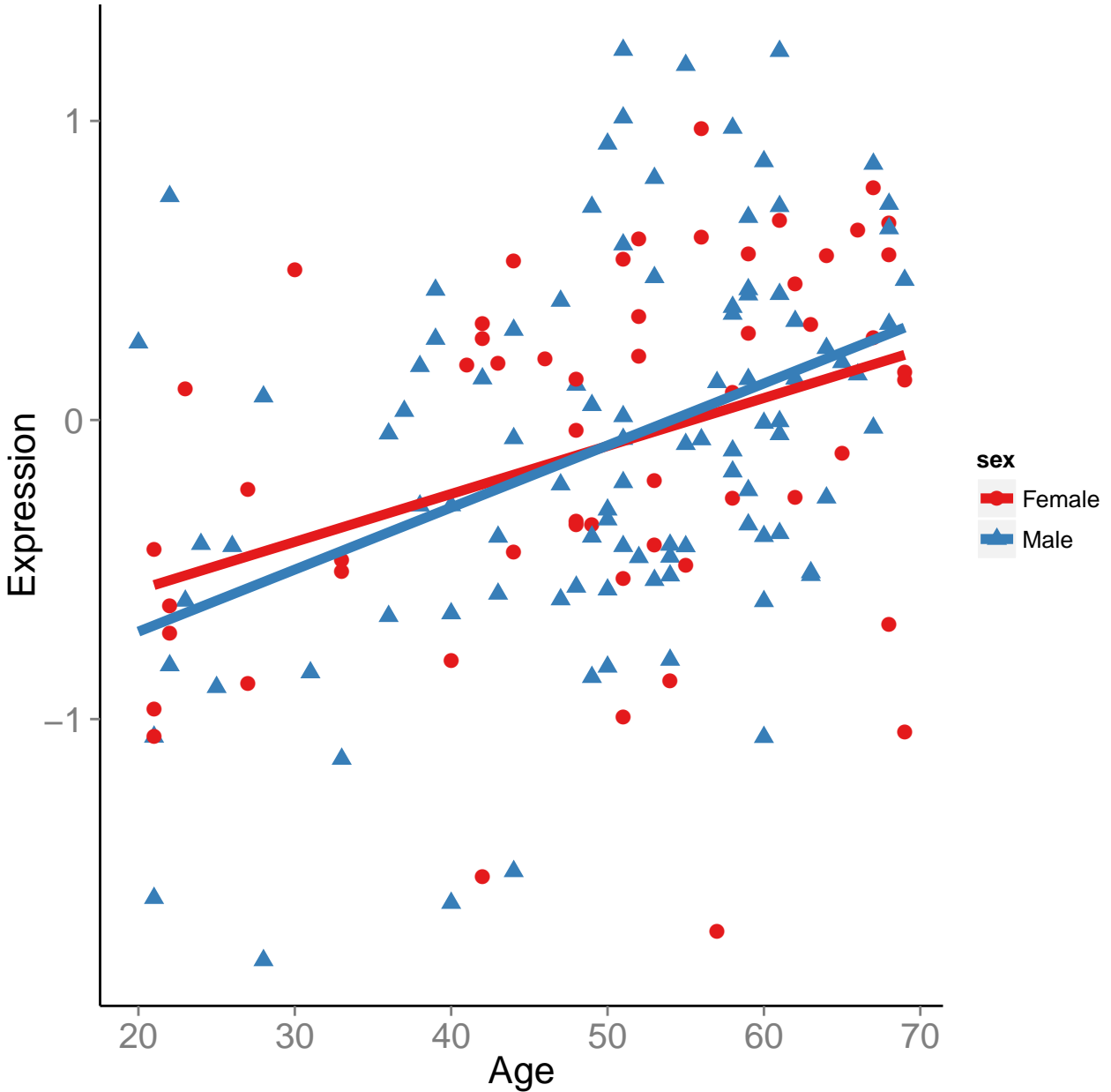
Blood: LGR6 Pearson-R=0.40 Pval=2.18E-07



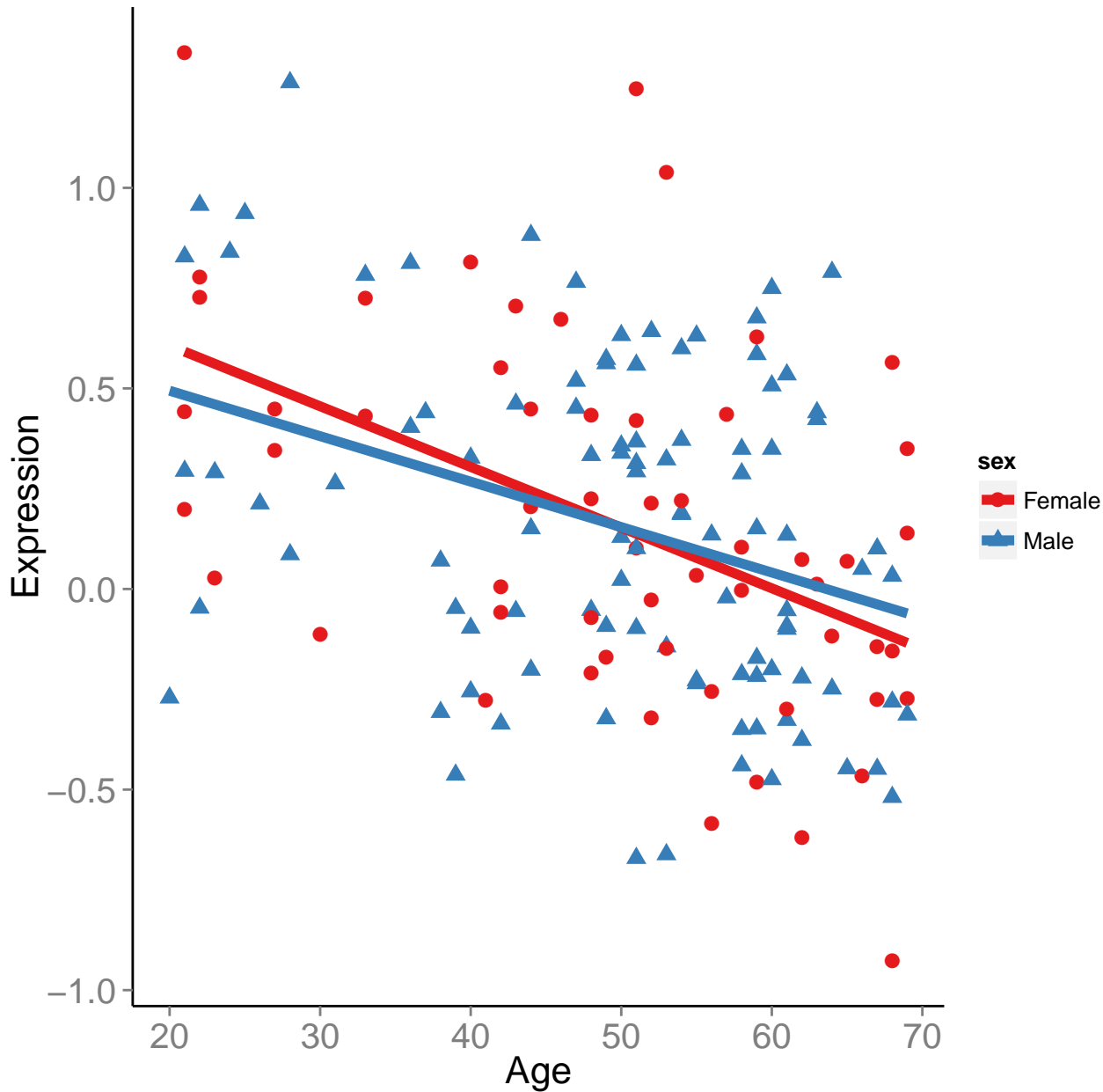
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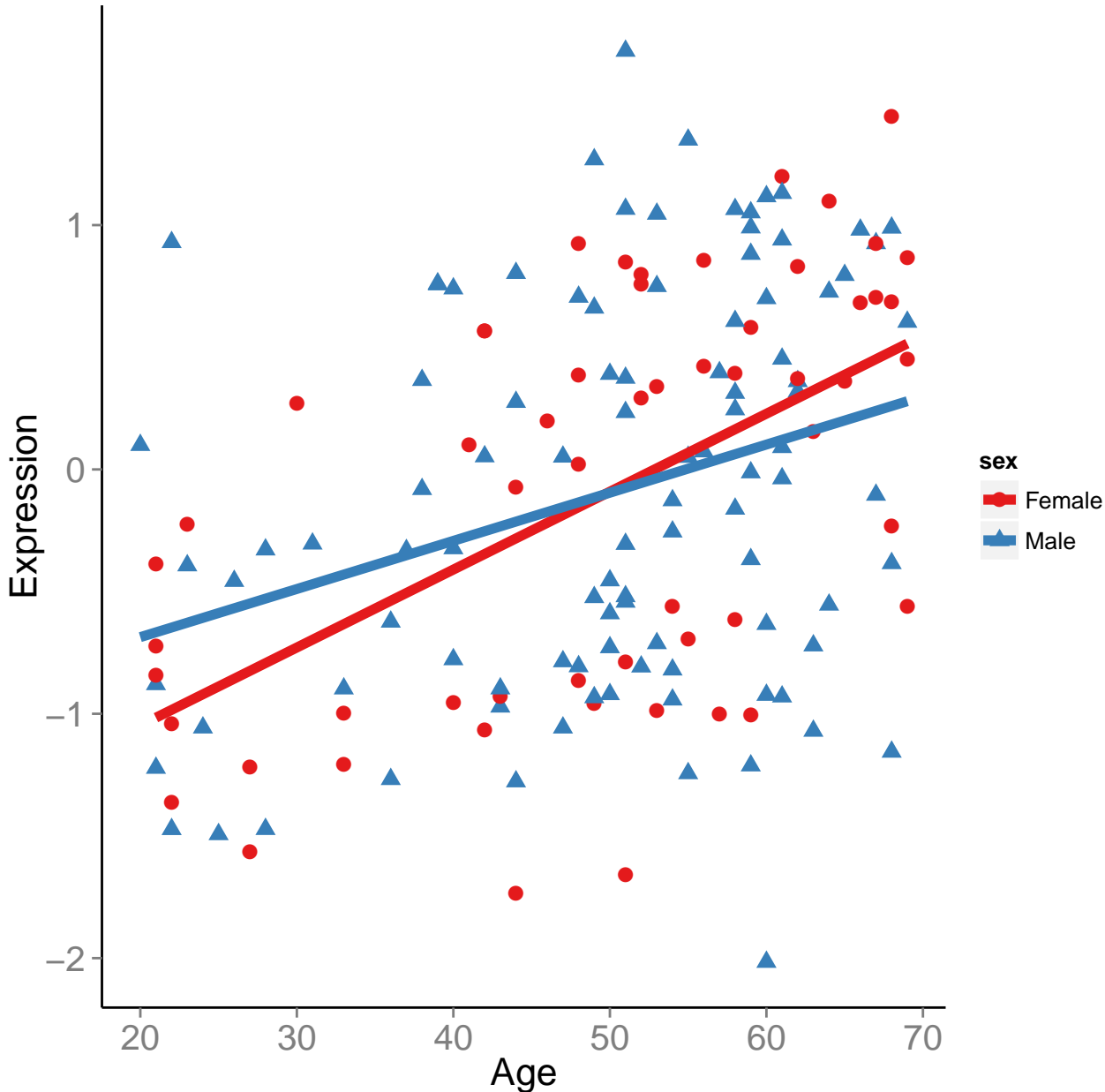
Blood: MAP4K5 Pearson-R=0.40 Pval=2.24E-07



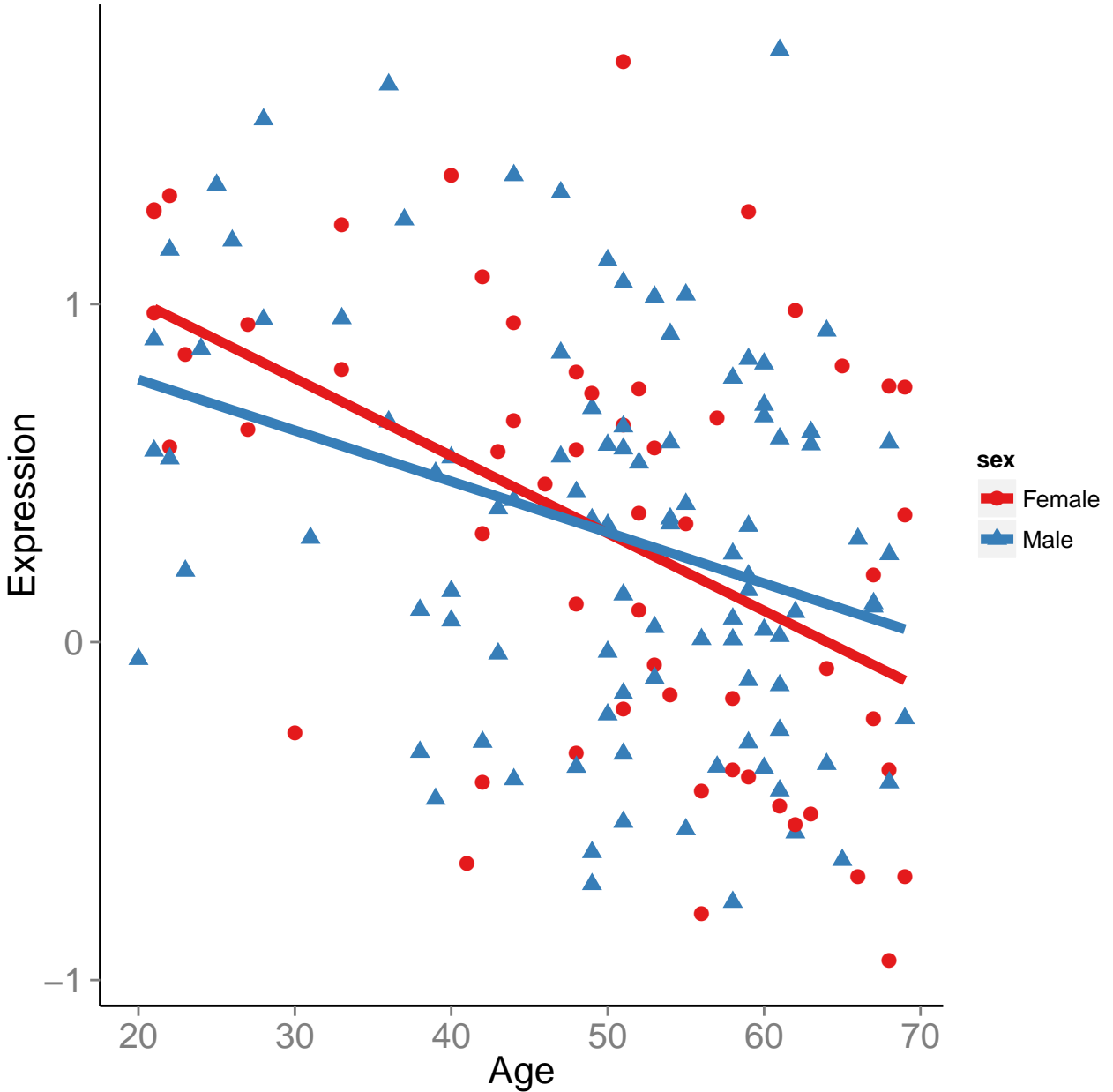
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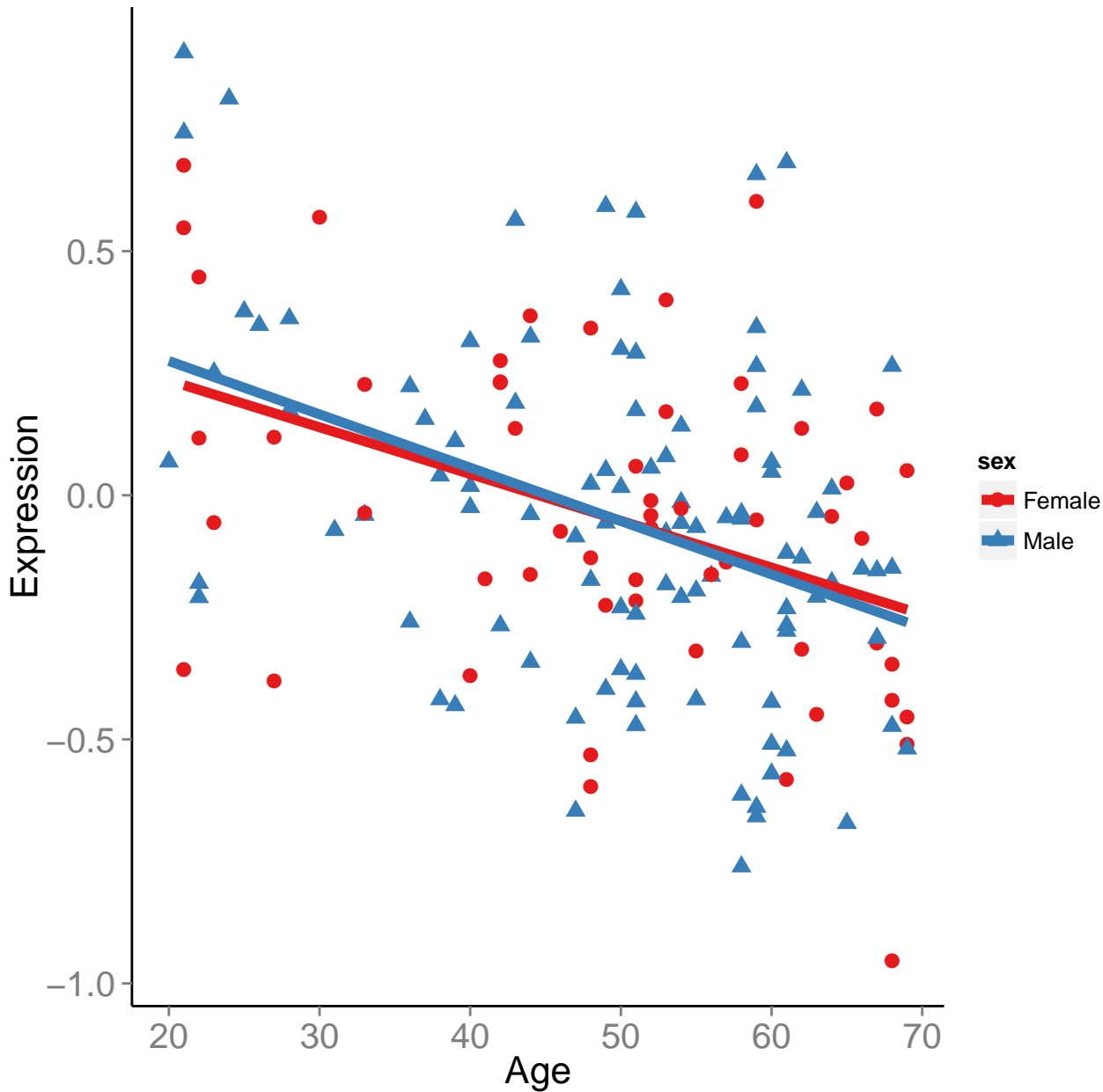
Blood: LLGL2 Pearson-R=0.40 Pval=1.90E-07



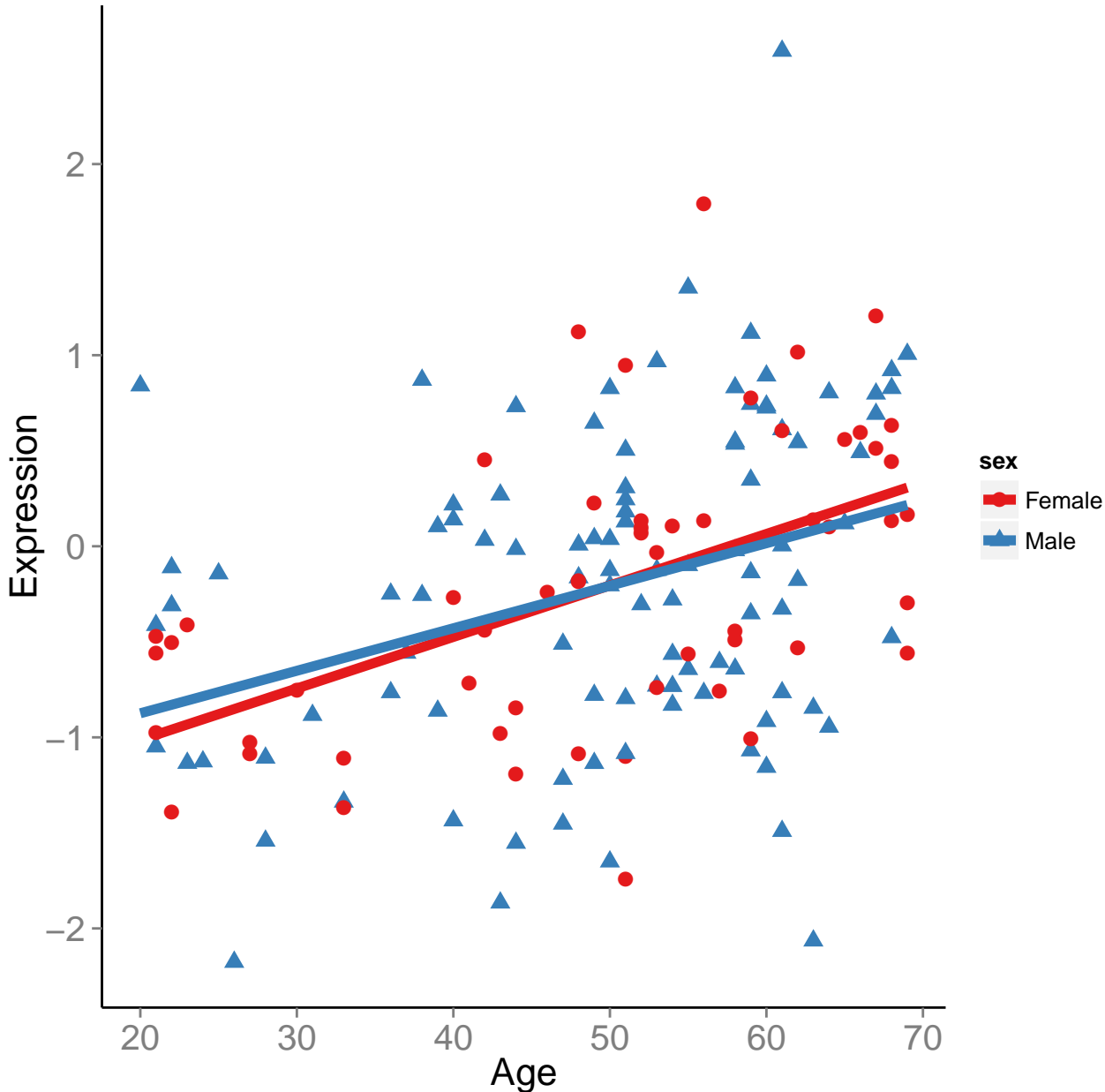
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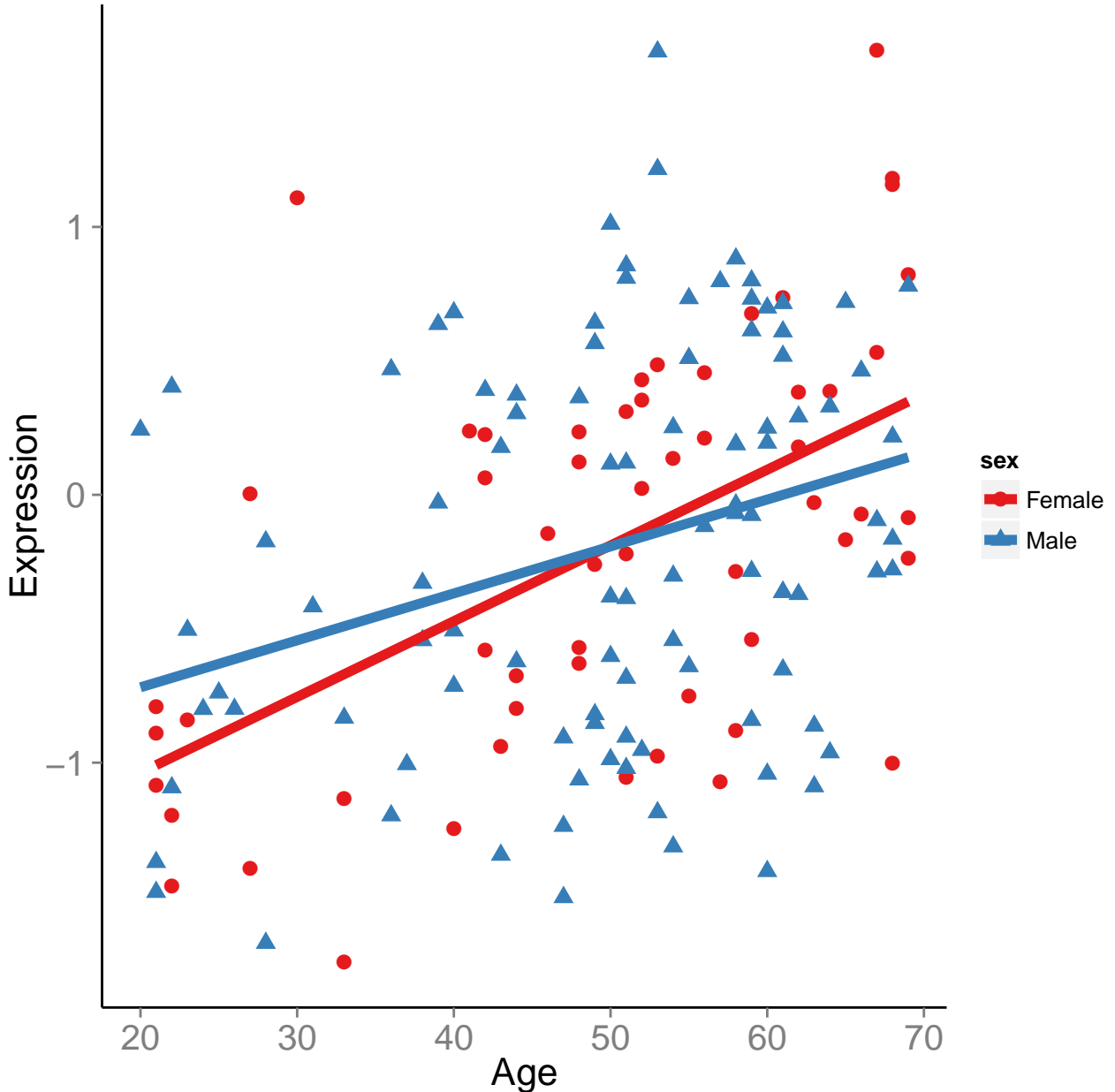
Blood: AHCYL1 Pearson-R=-0.40 Pval=2.30E-07



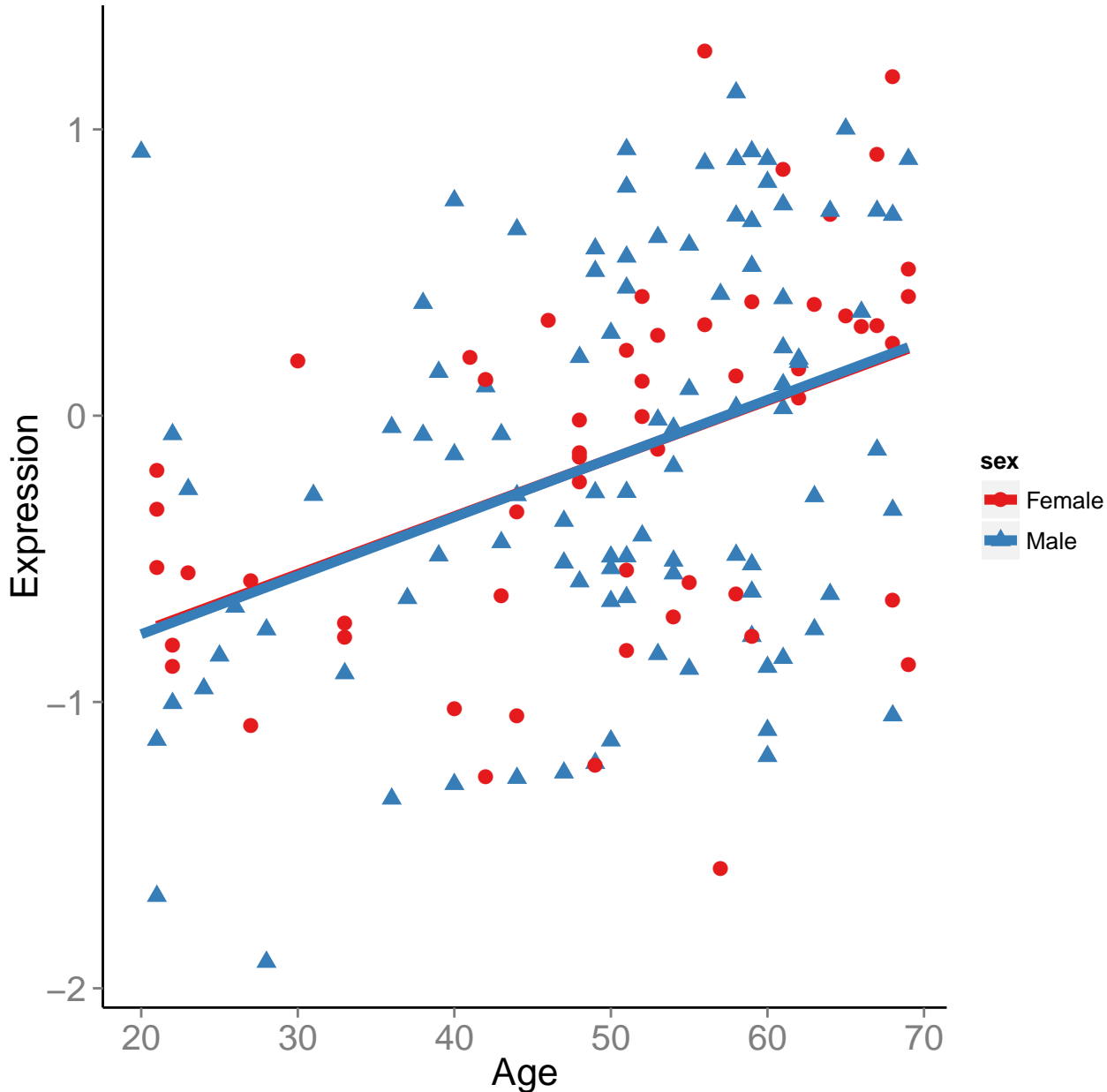
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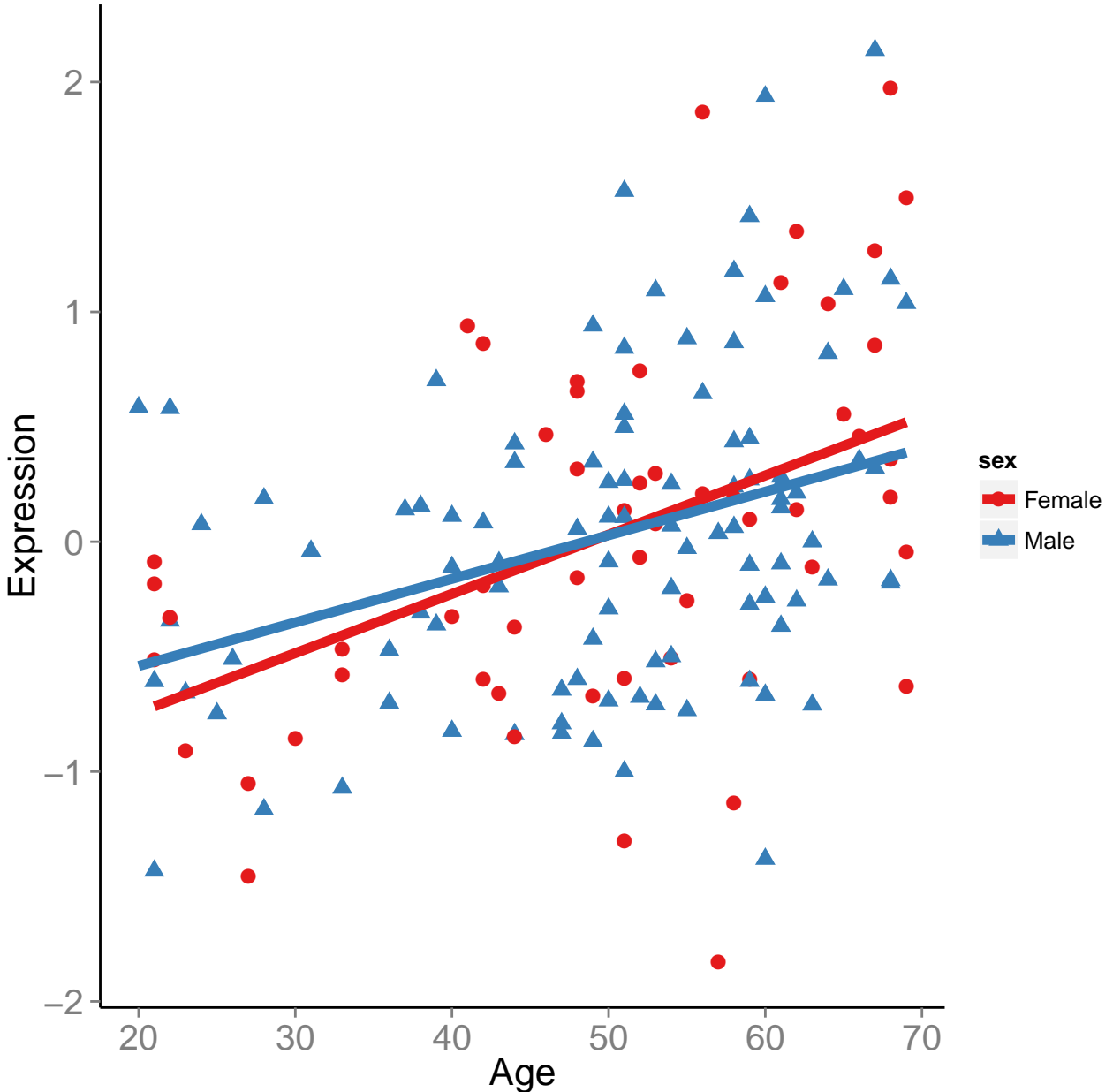
Blood: MAD1L1 Pearson-R=0.40 Pval=2.62E-07



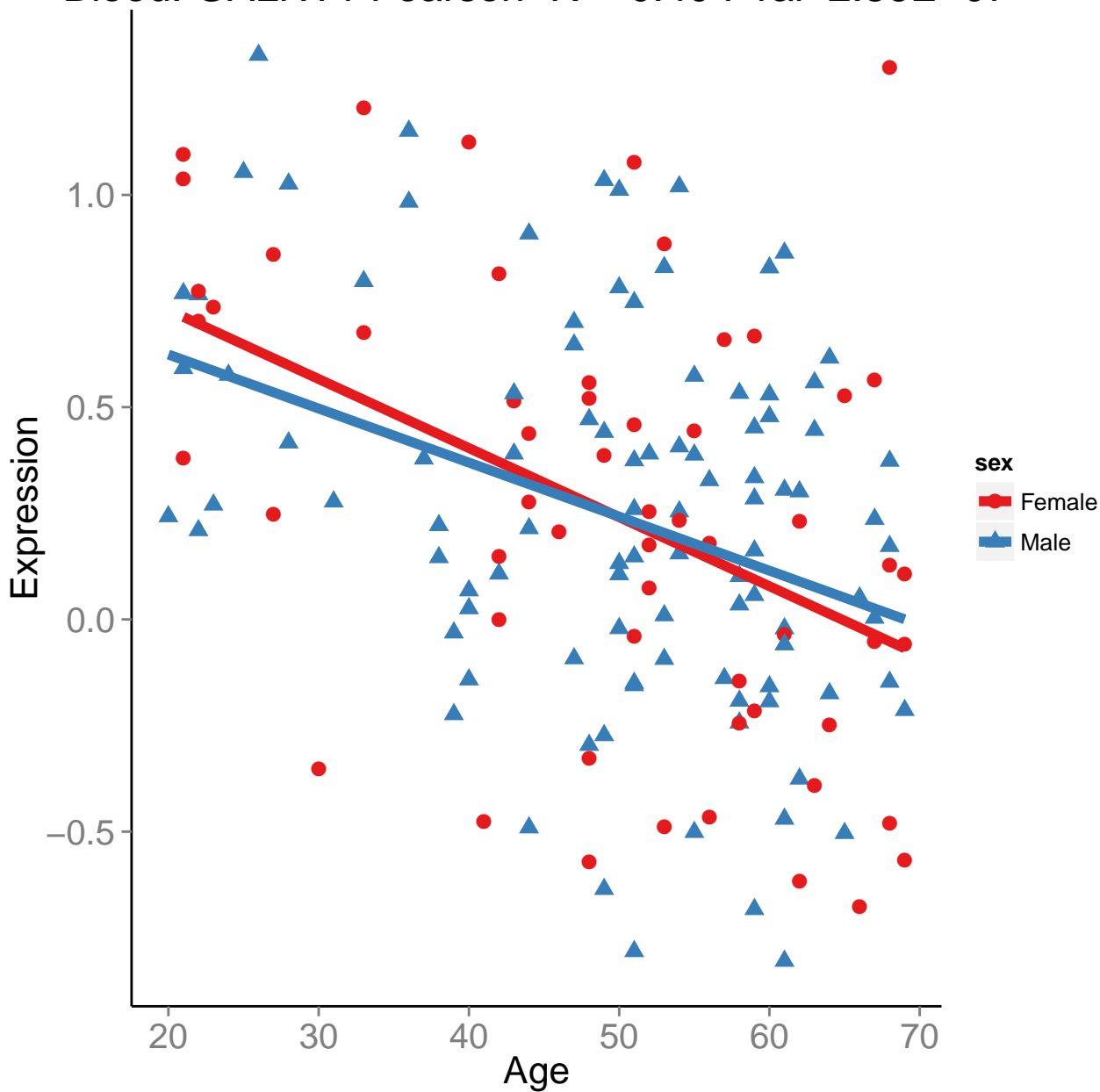
Blood: DPP7 Pearson-R=0.40 Pval=2.64E-07



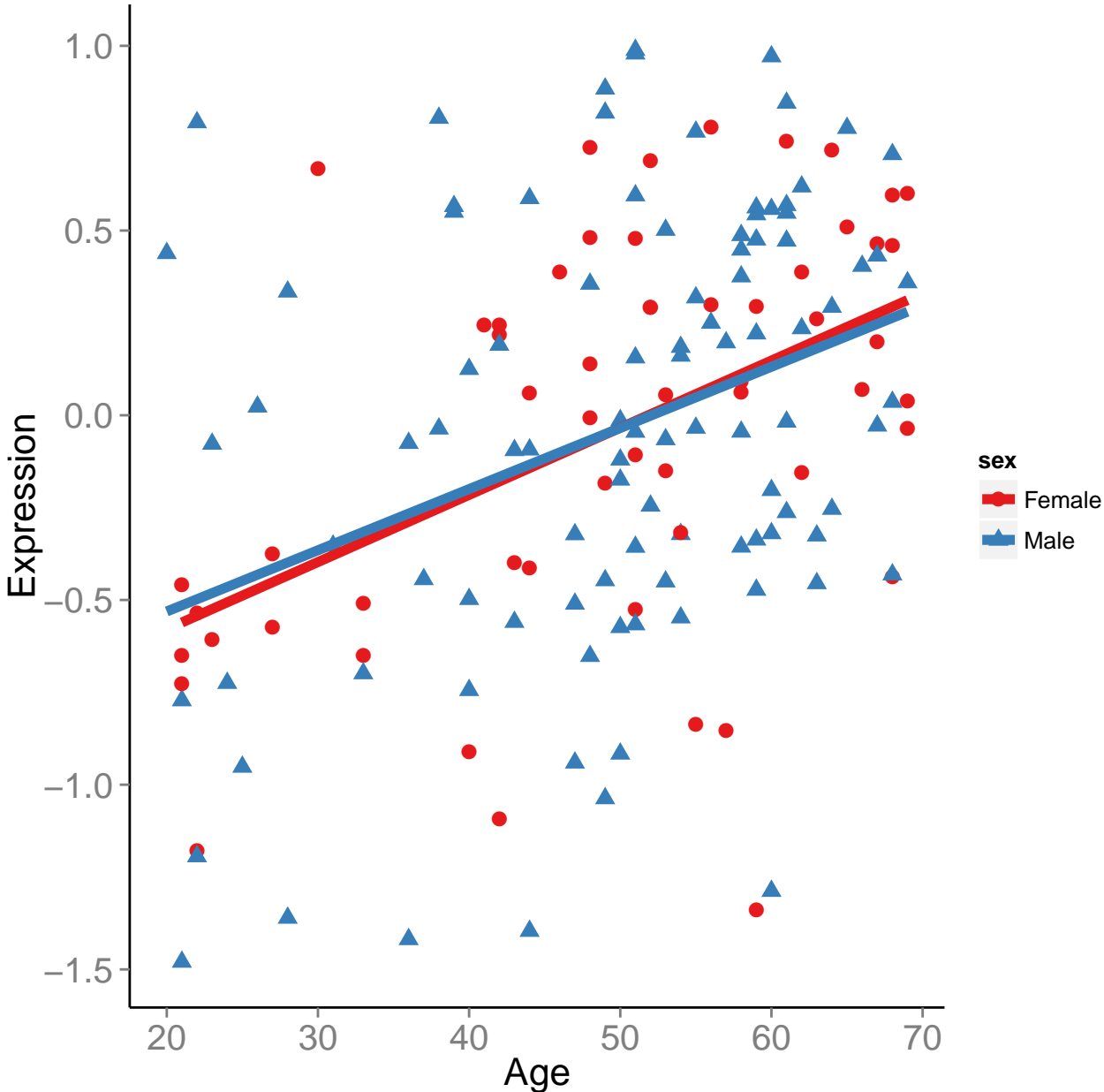
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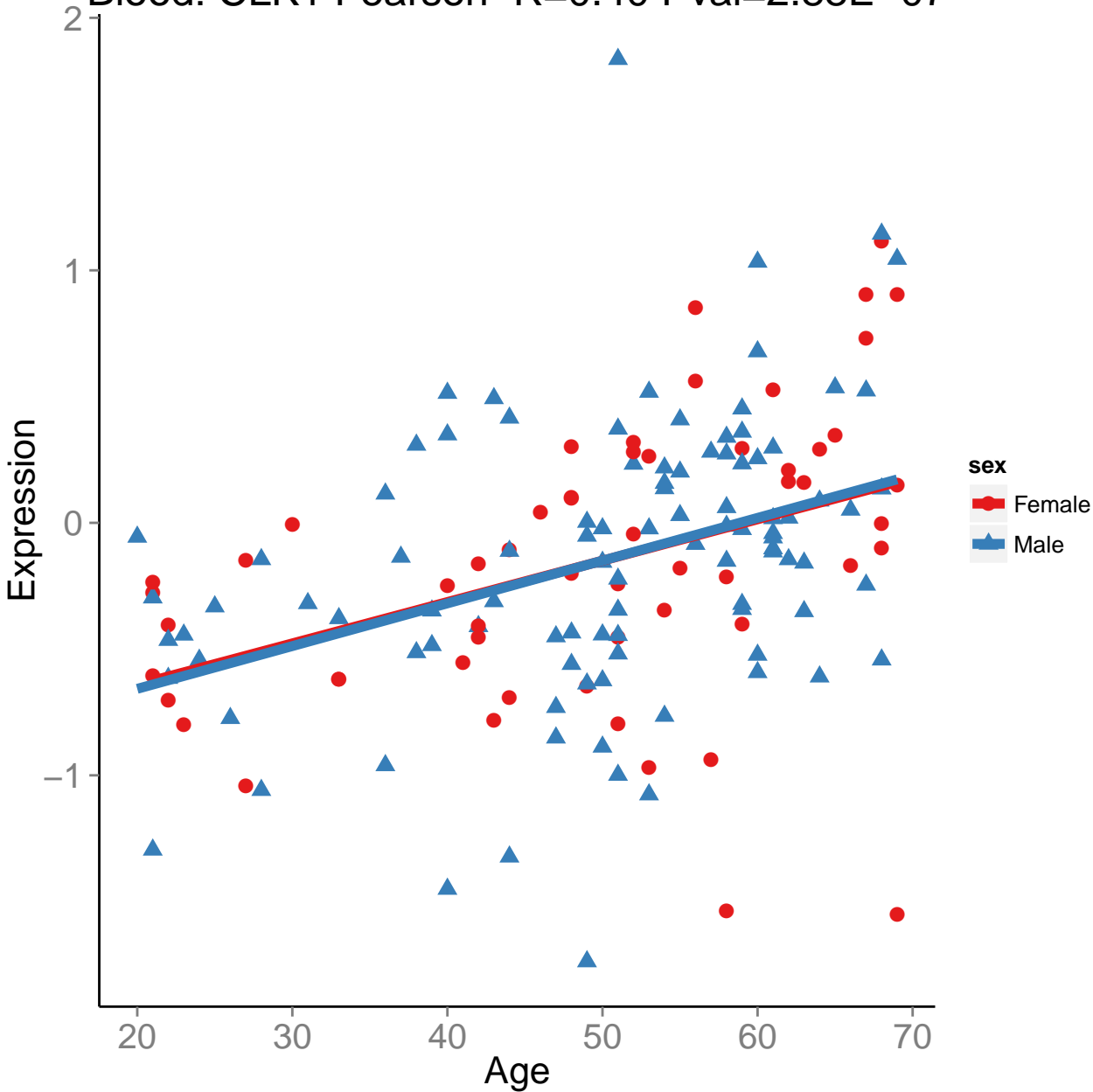
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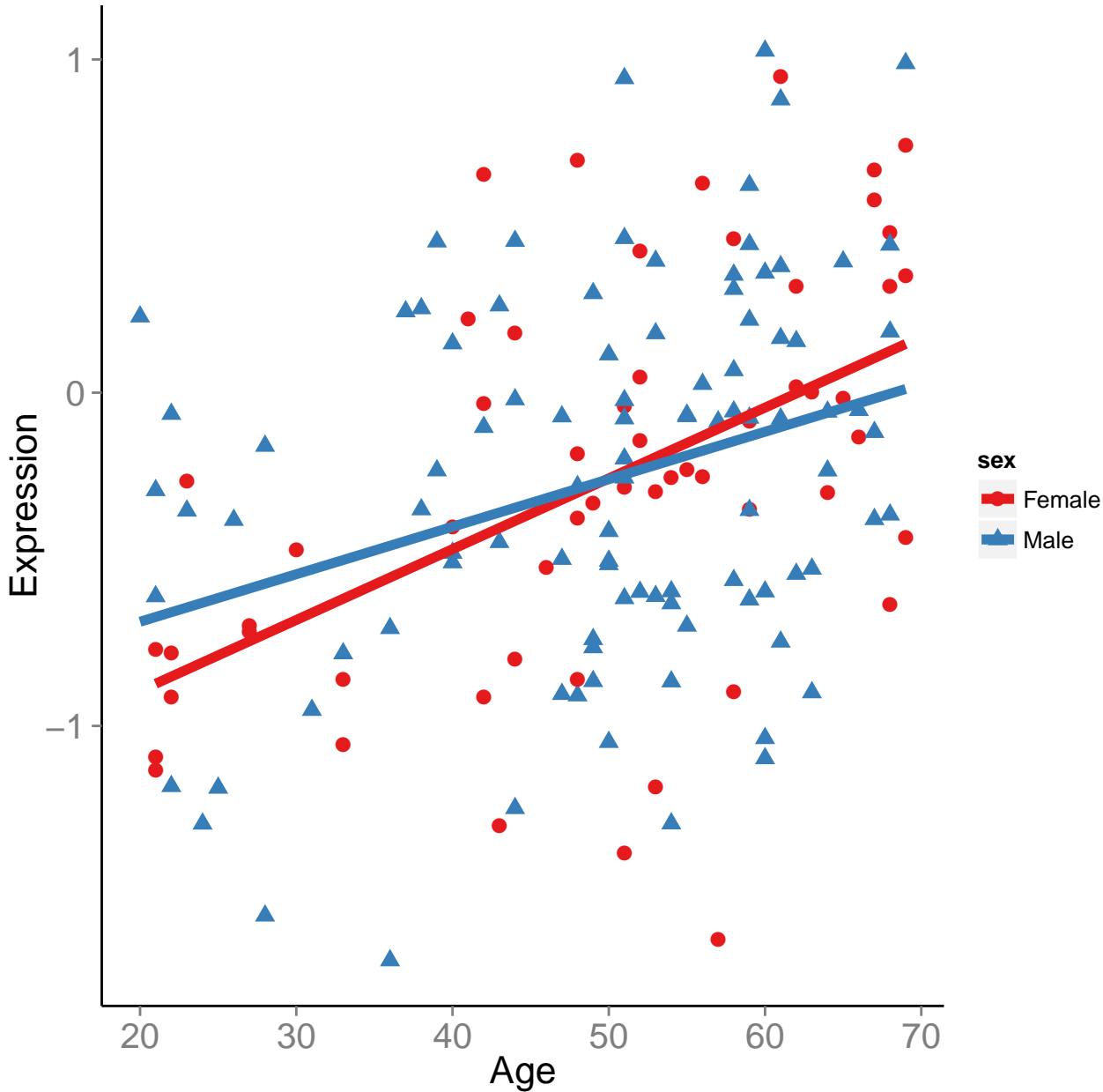
Blood: ENOPH1 Pearson-R=0.40 Pval=2.83E-07



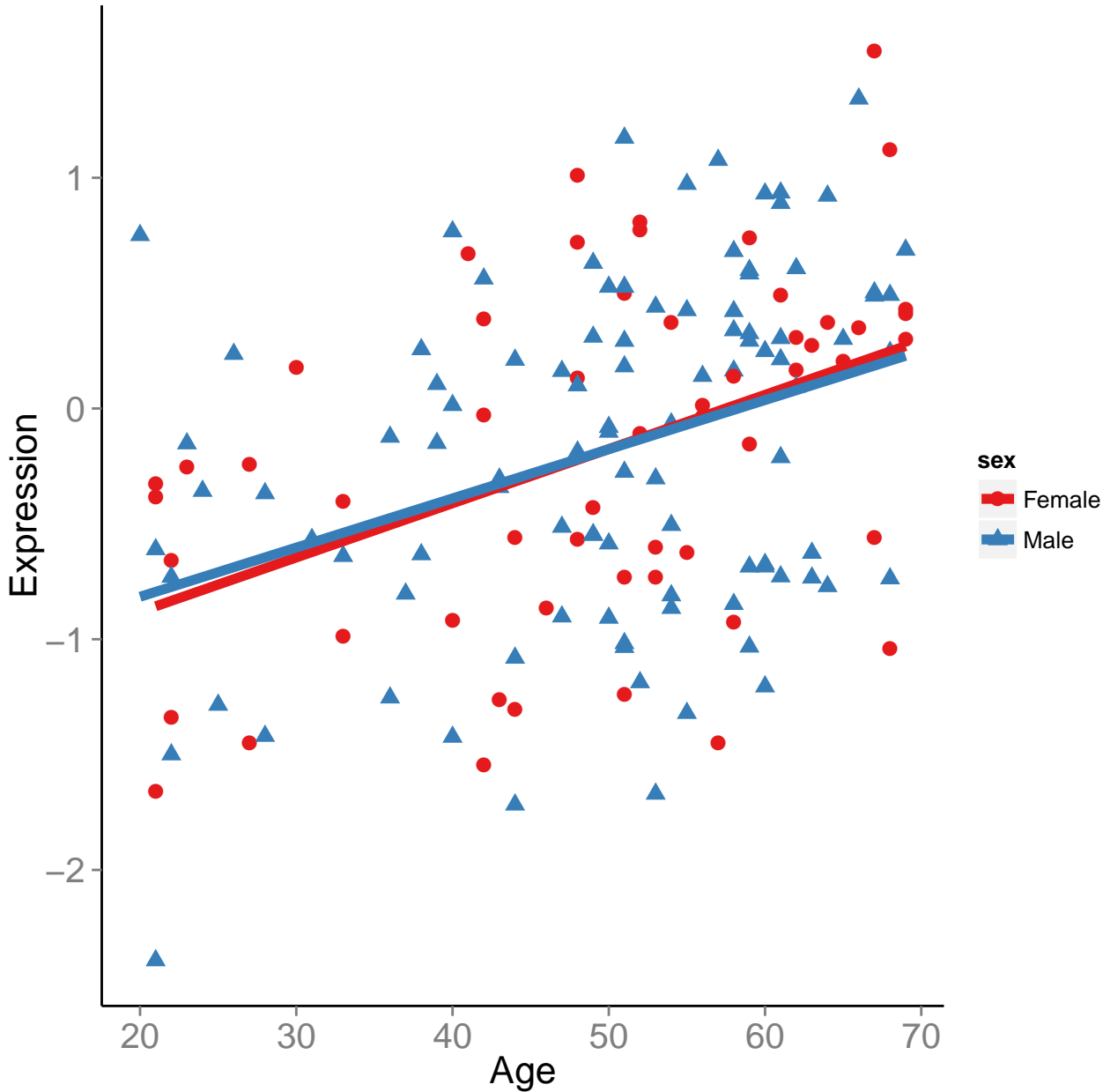
Blood: CLK1 Pearson-R=0.40 Pval=2.88E-07



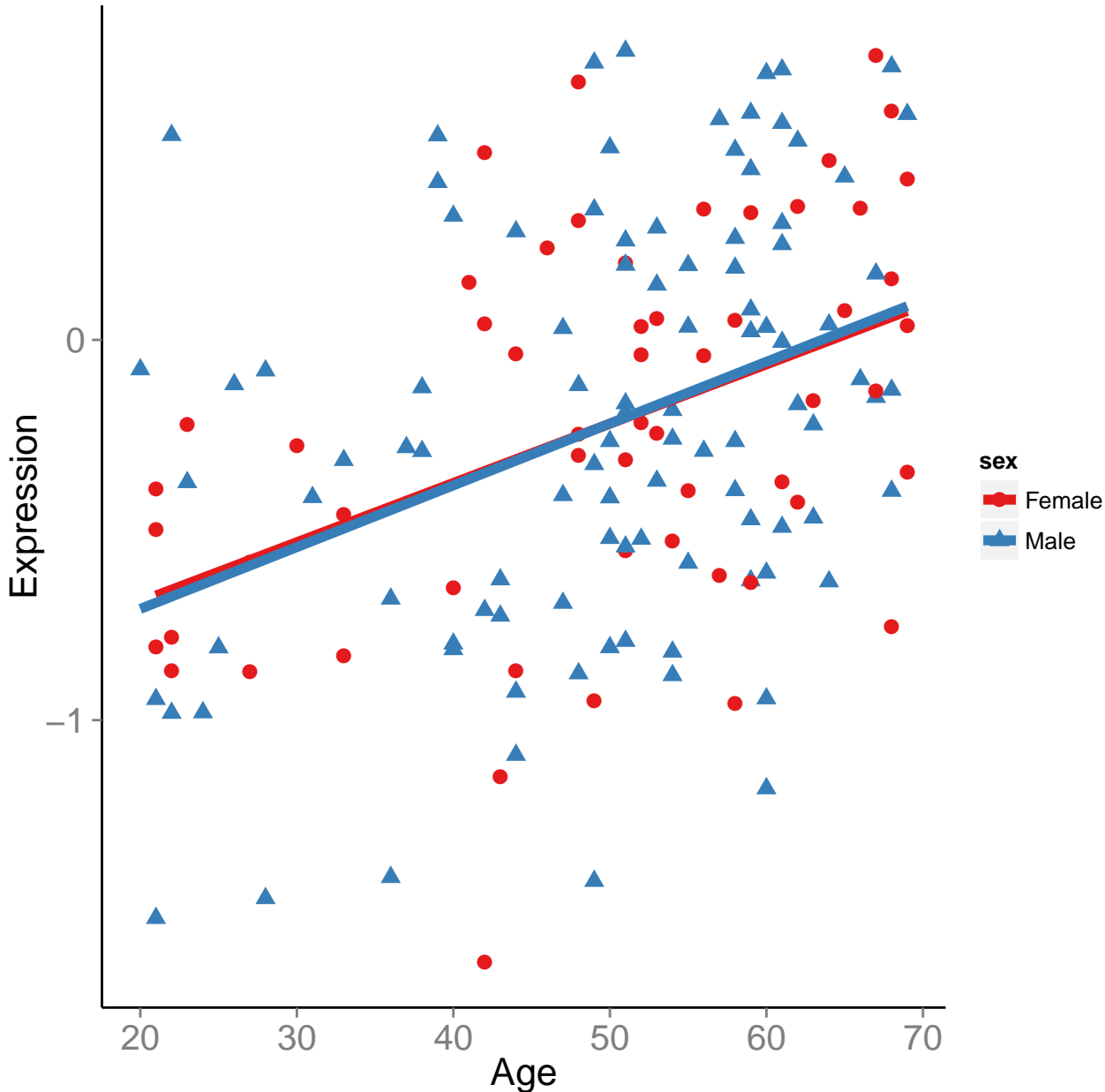
Blood: RNF8 Pearson-R=0.40 Pval=2.85E-07



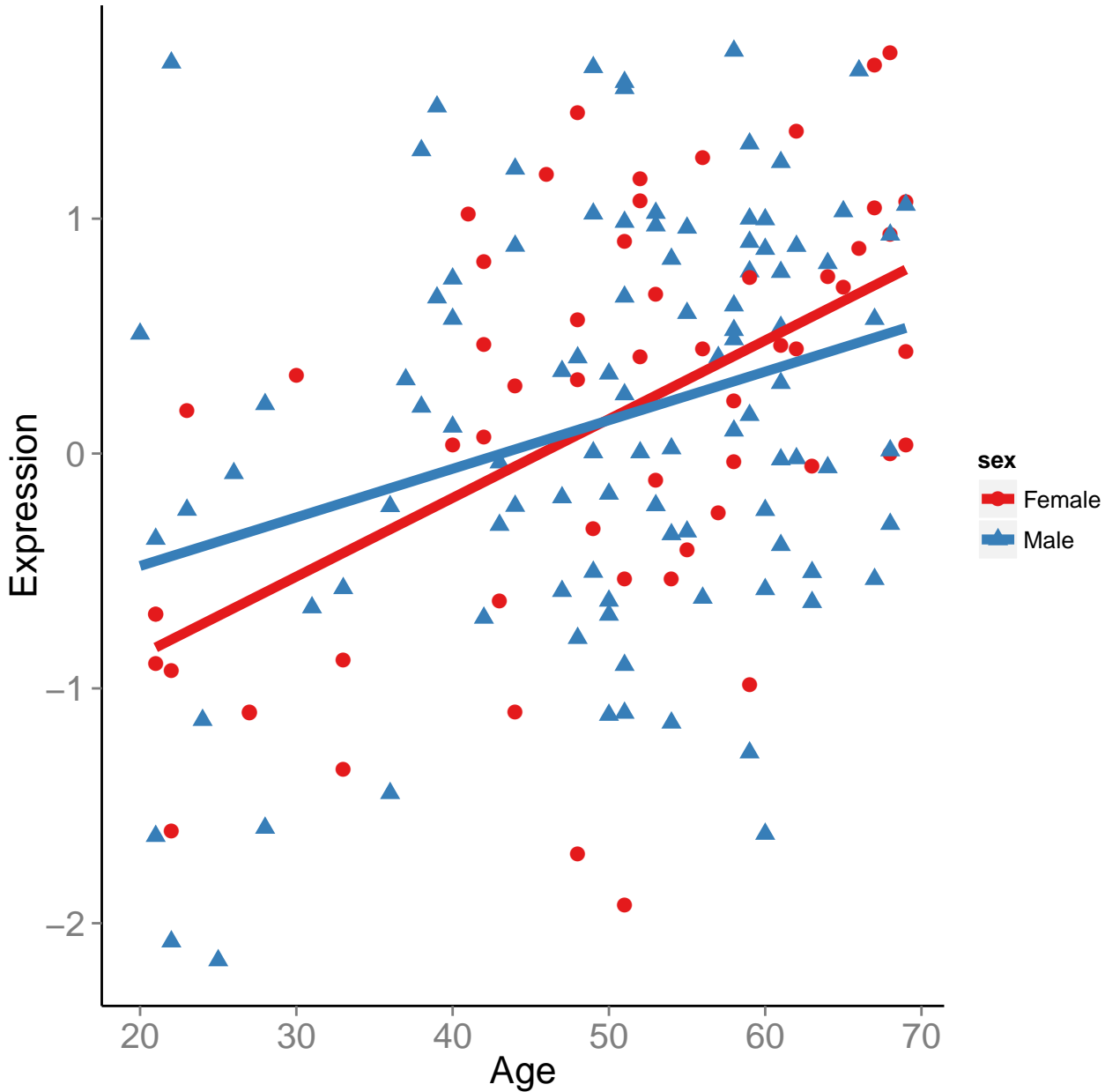
Blood: PVT1 Pearson-R=0.40 Pval=3.00E-07



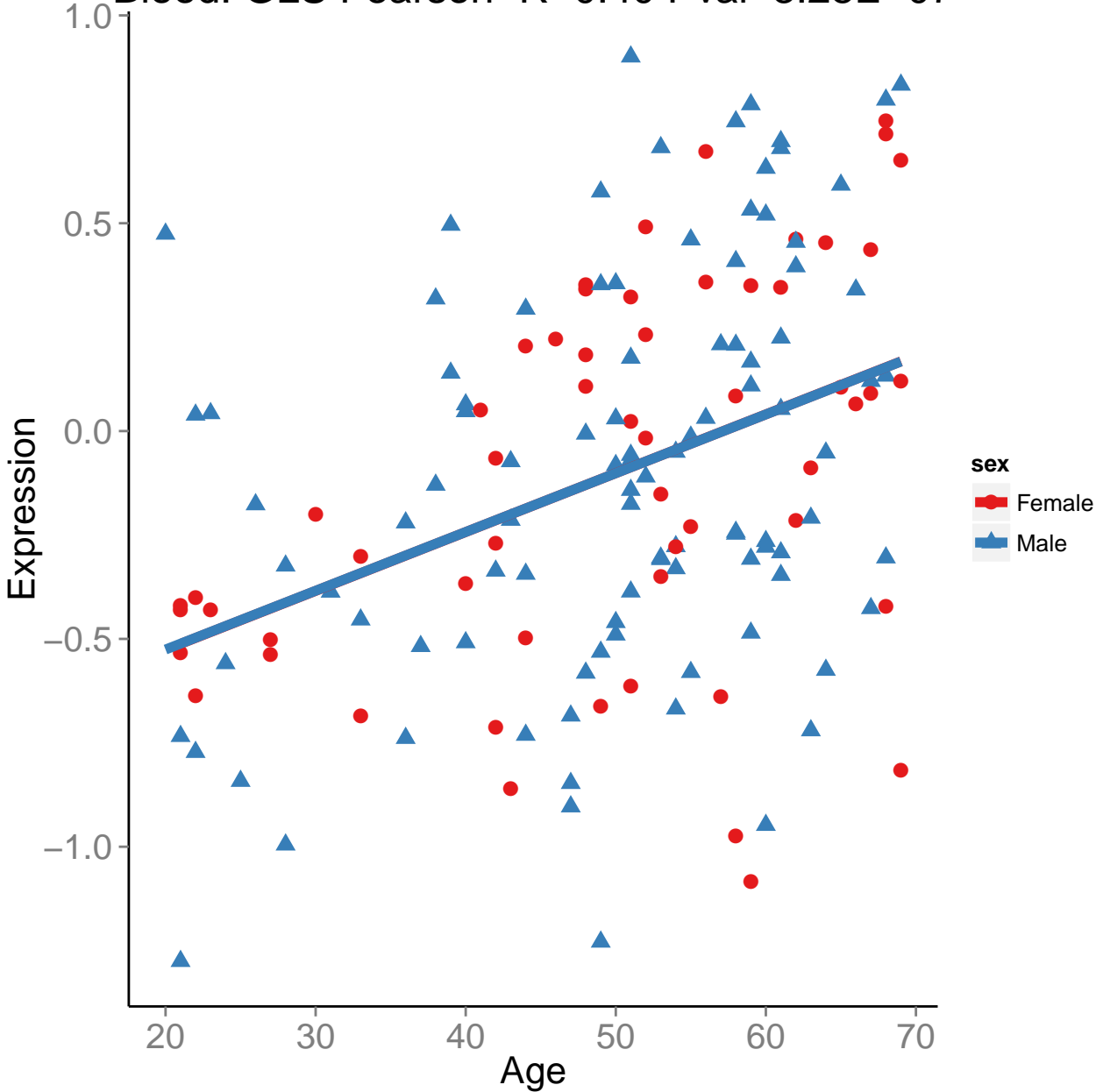
Blood: MDFIC Pearson-R=0.40 Pval=3.11E-07



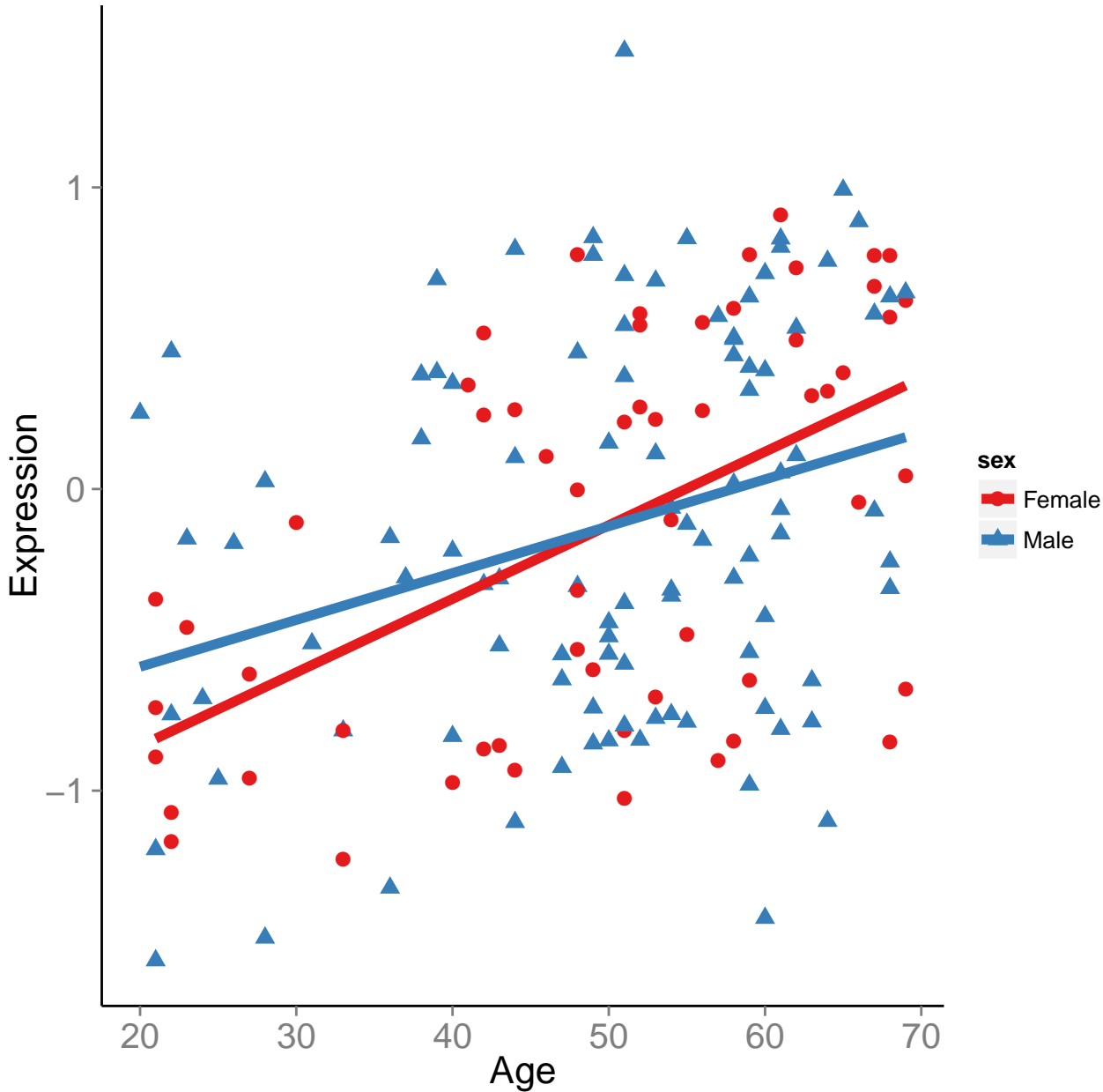
Blood: B3GAT1 Pearson-R=0.40 Pval=3.24E-07



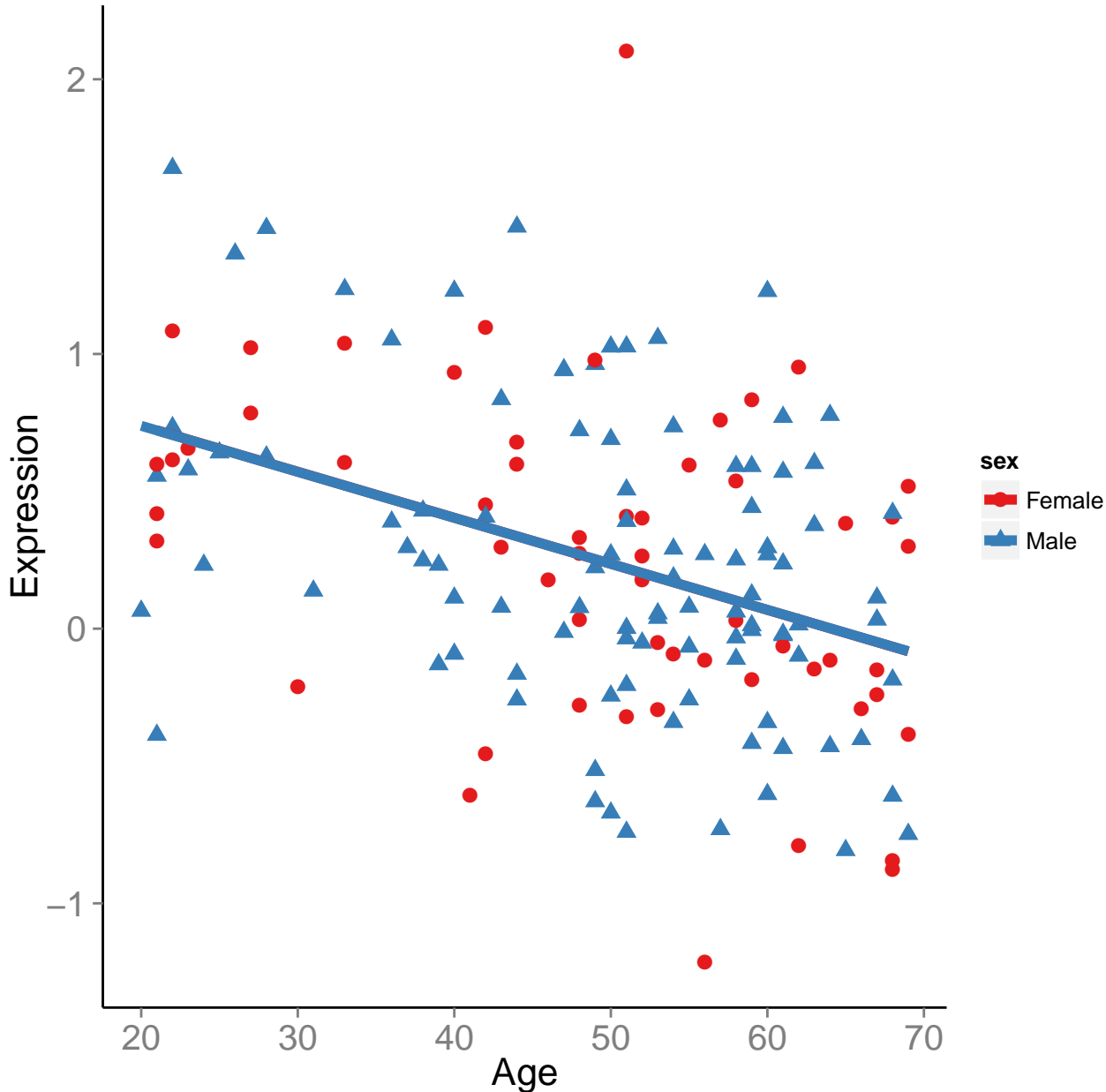
Blood: GLS Pearson-R=0.40 Pval=3.28E-07



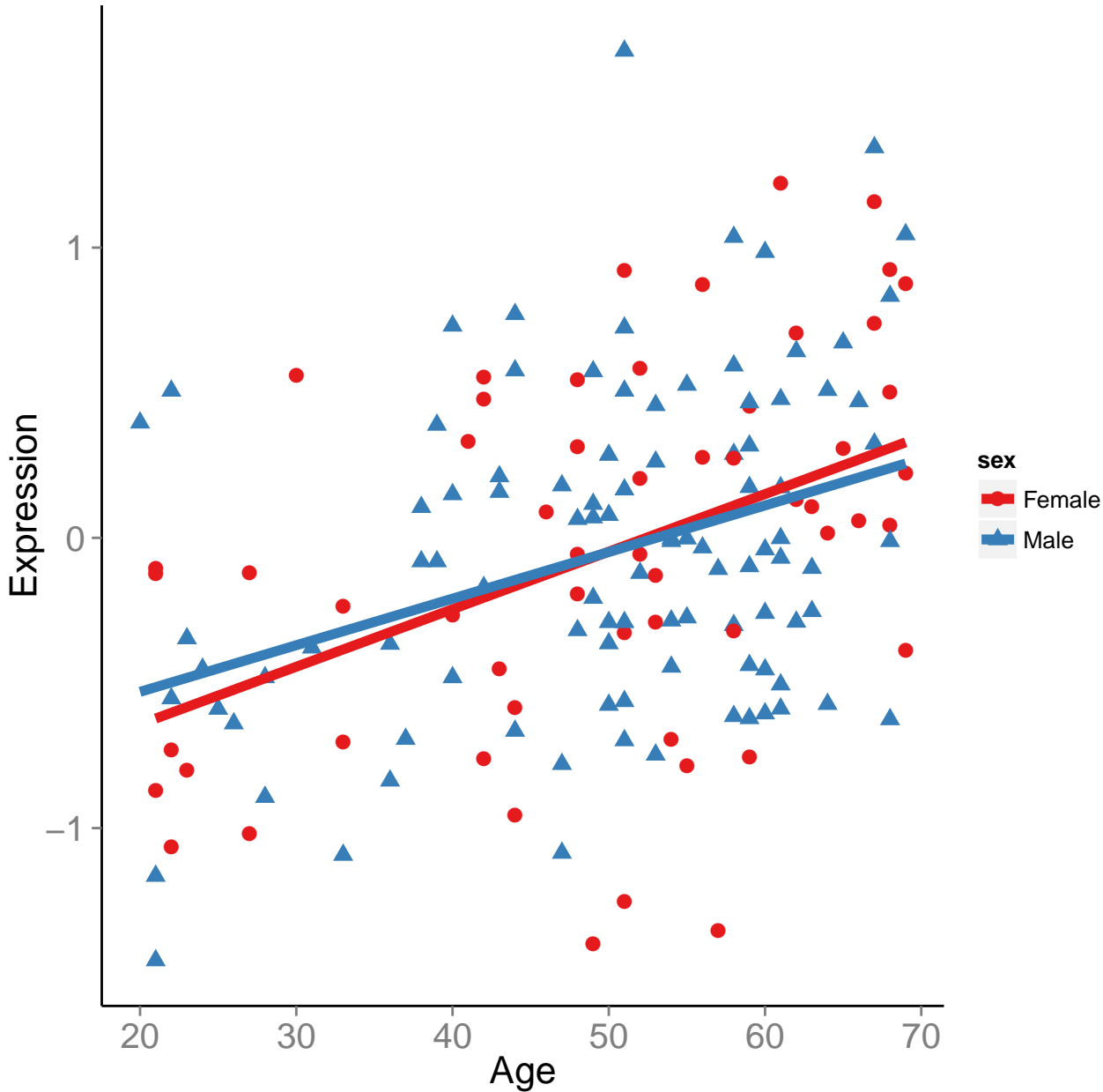
Blood: CCDC88C Pearson-R=0.39 Pval=3.38E-07



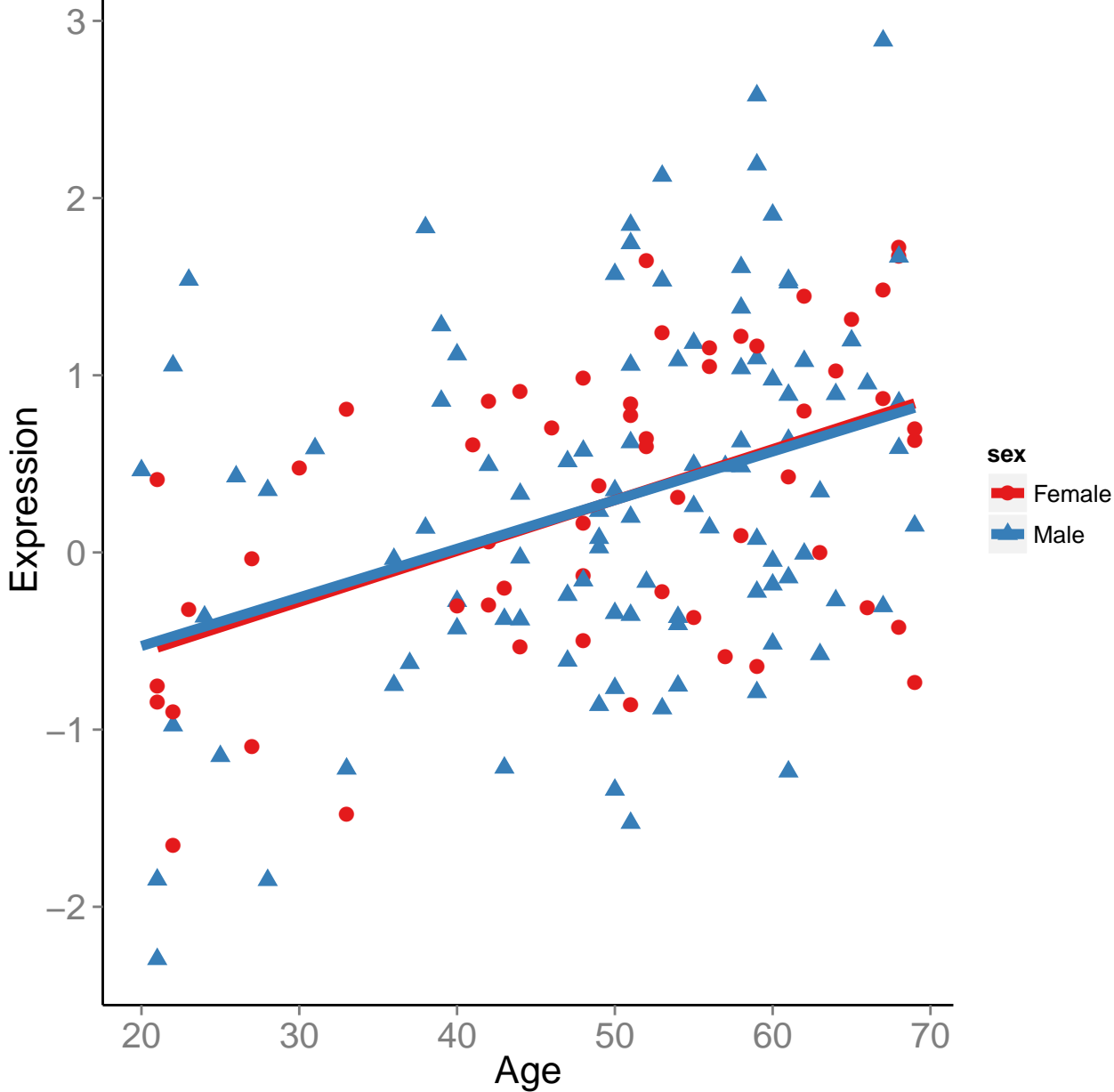
Blood: TPM3 Pearson-R=-0.39 Pval=3.40E-07



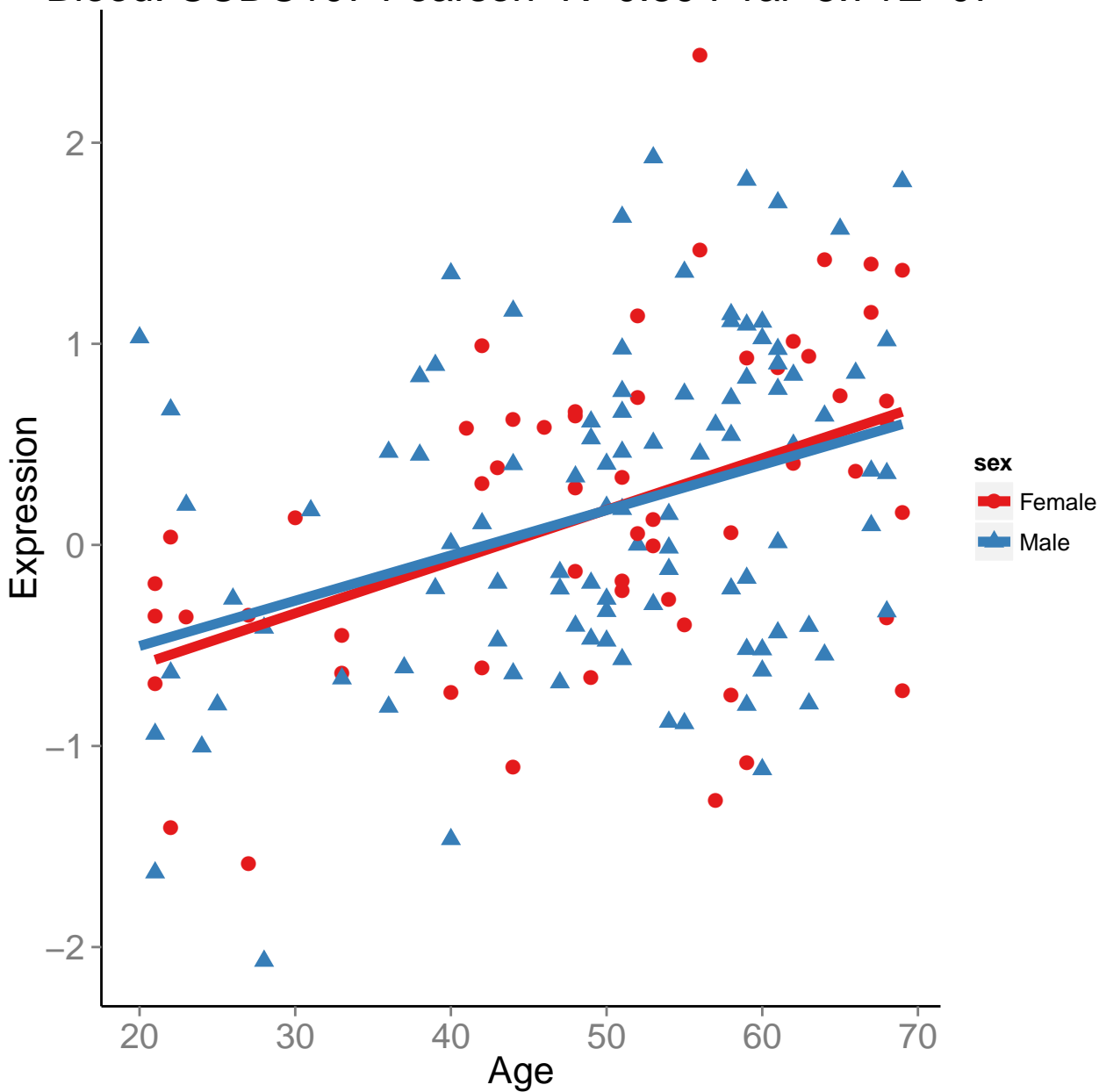
Blood: FBXL6 Pearson-R=0.39 Pval=3.48E-07



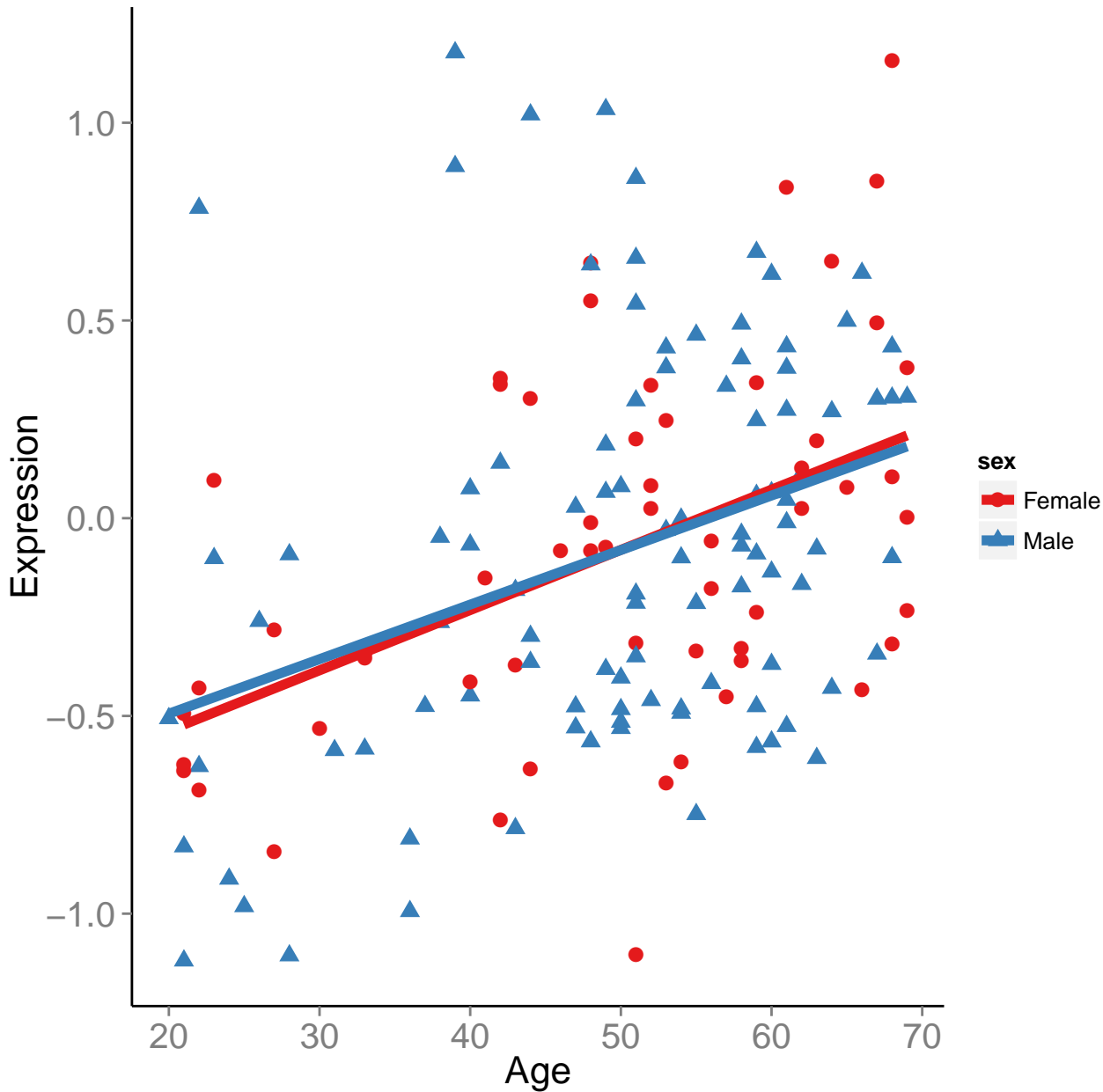
Blood: YBX1P1 Pearson-R=0.39 Pval=3.63E-07



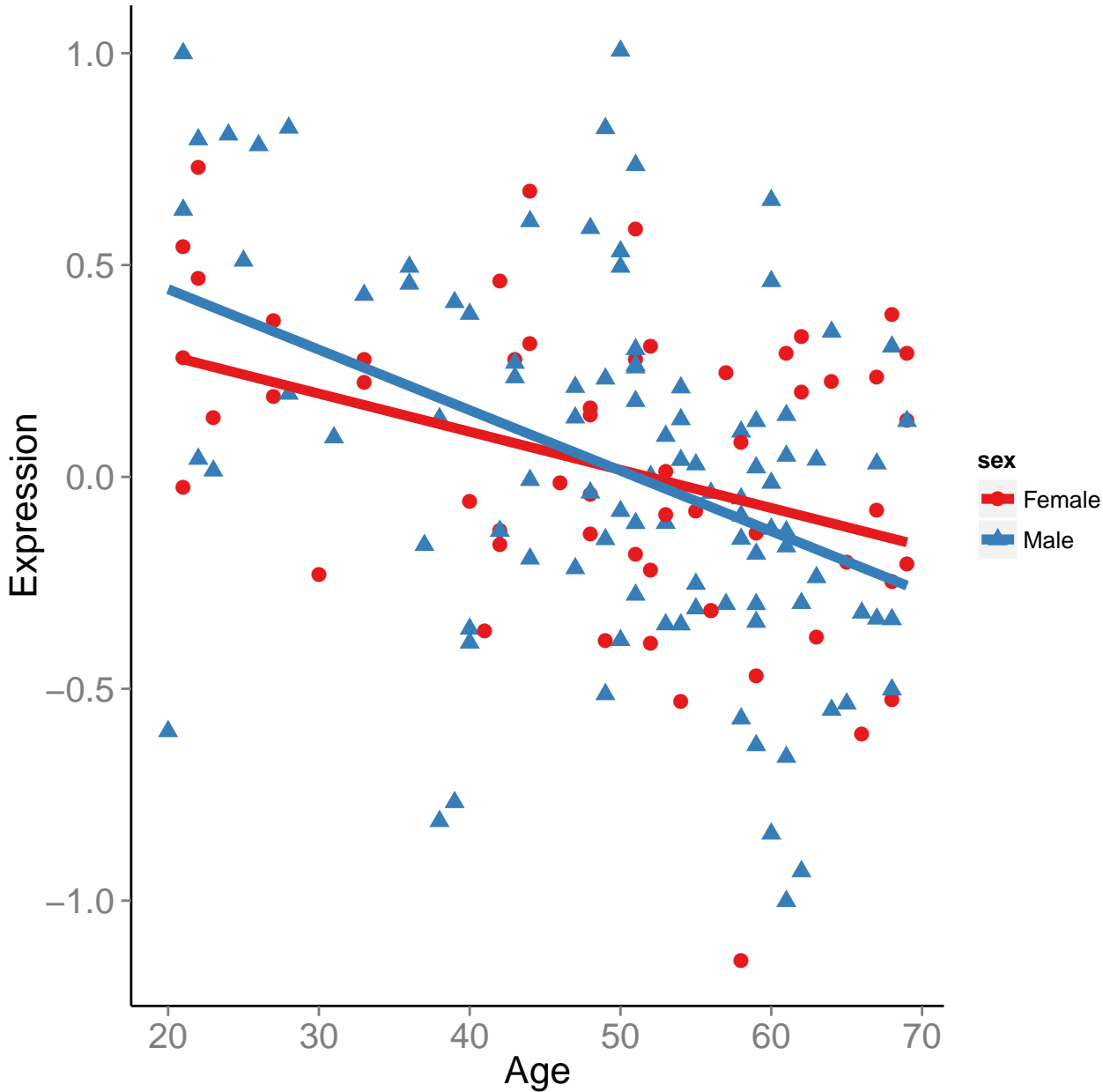
Blood: CCDC107 Pearson-R=0.39 Pval=3.71E-07



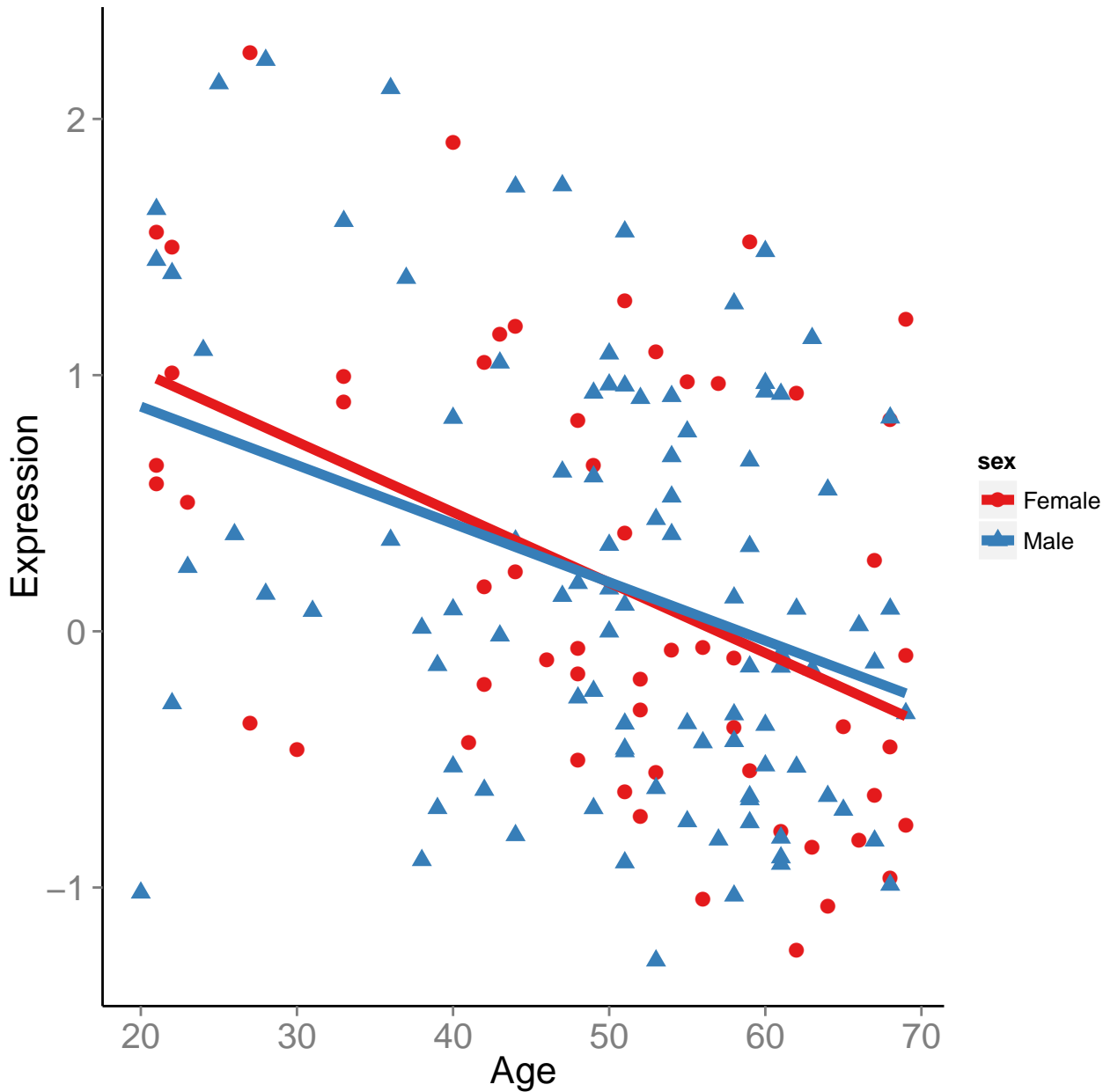
Blood: ARHGEF3 Pearson-R=0.39 Pval=3.87E-07



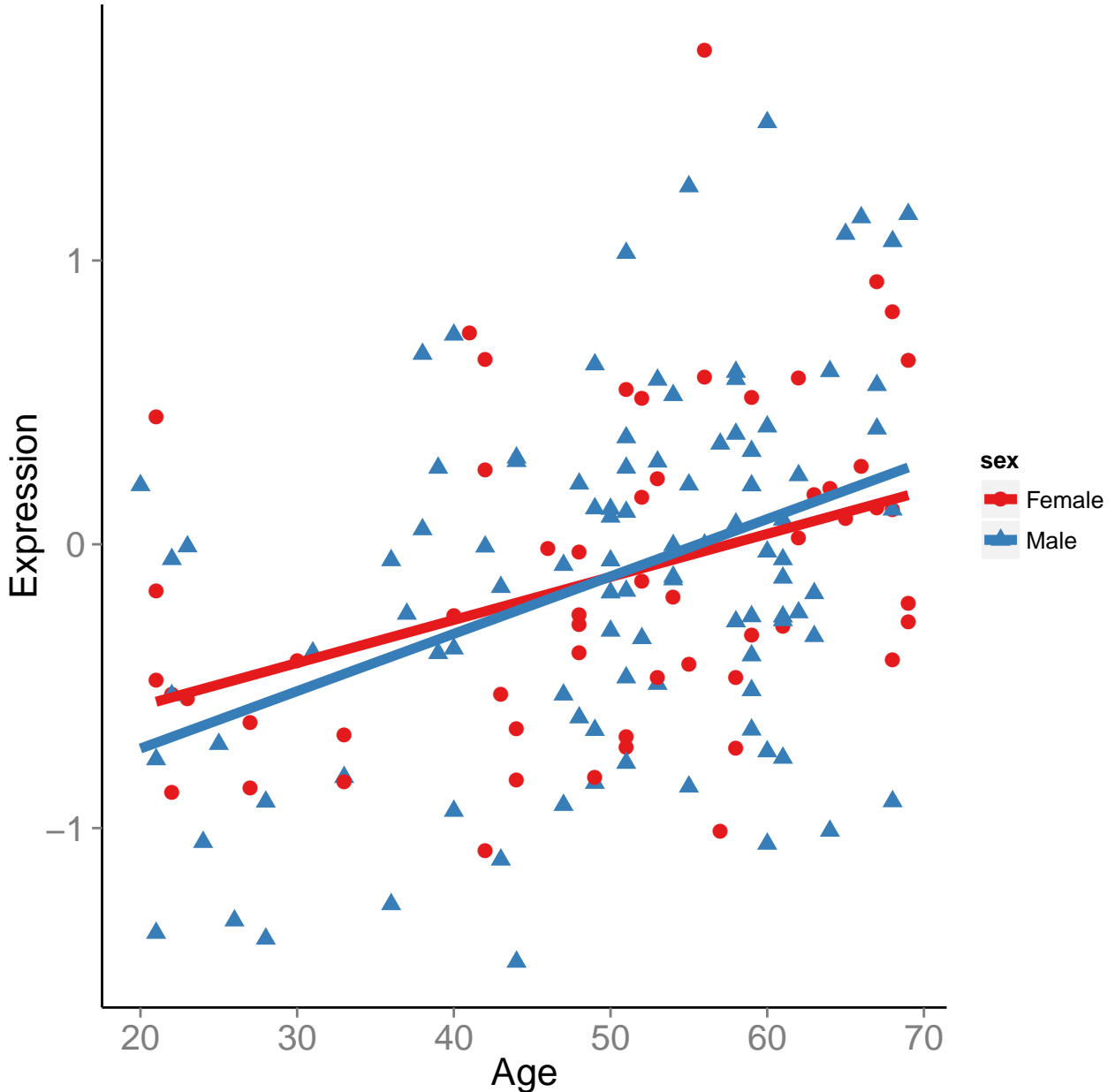
Blood: POP4 Pearson-R=-0.39 Pval=3.80E-07



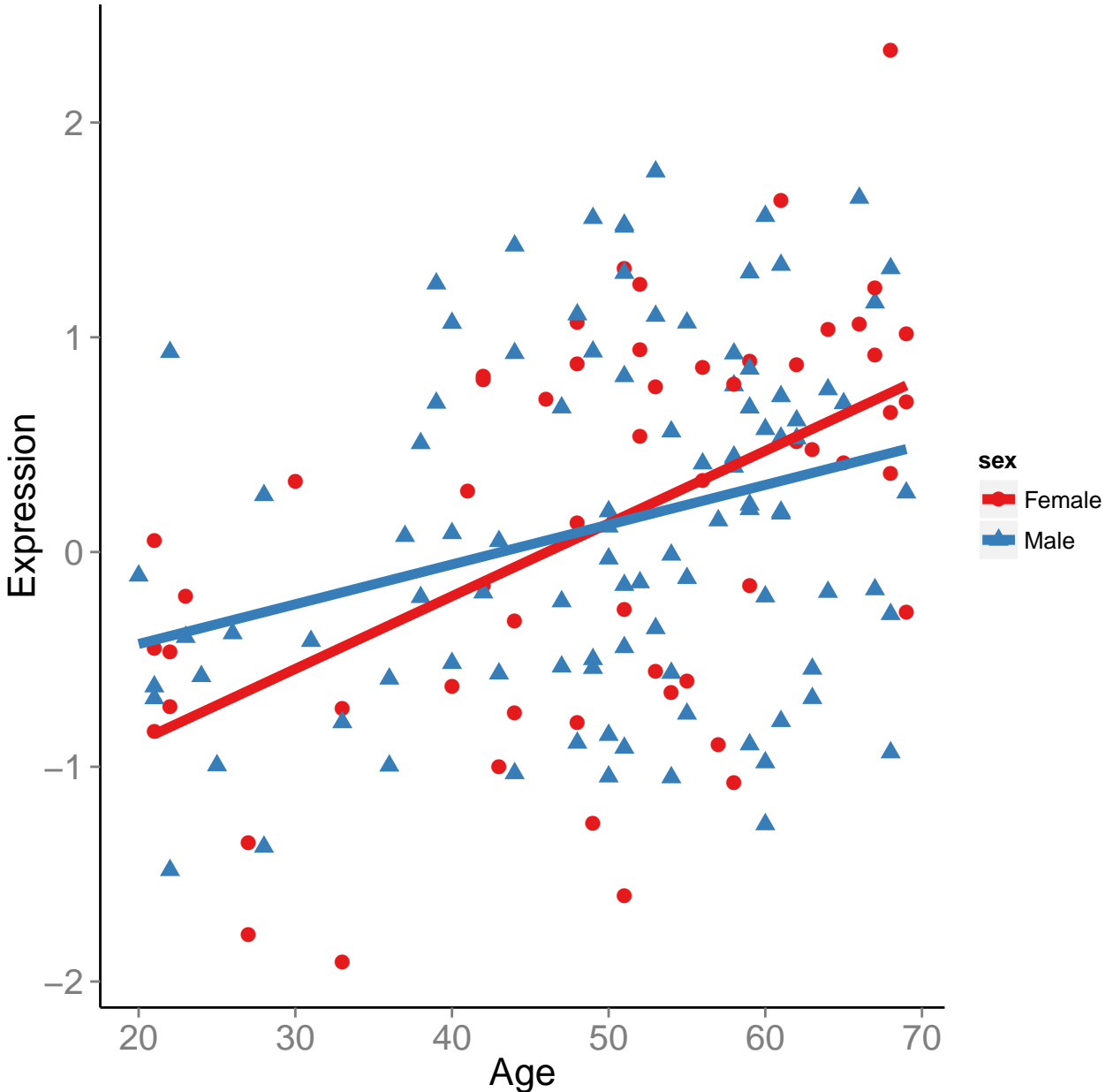
Blood: MYL12A Pearson-R=-0.39 Pval=3.88E-07



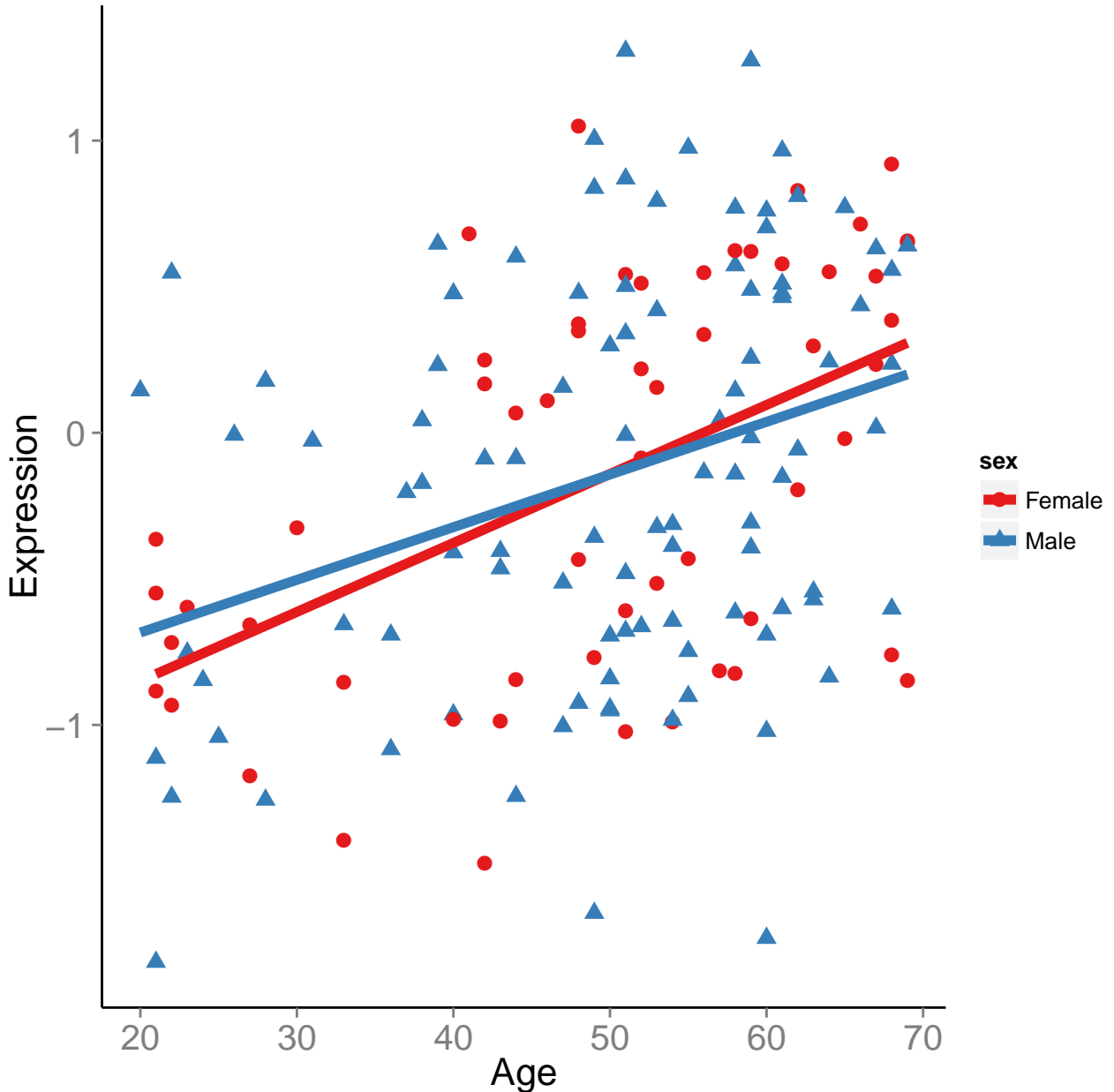
Blood: ADCK5 Pearson-R=0.39 Pval=3.79E-07



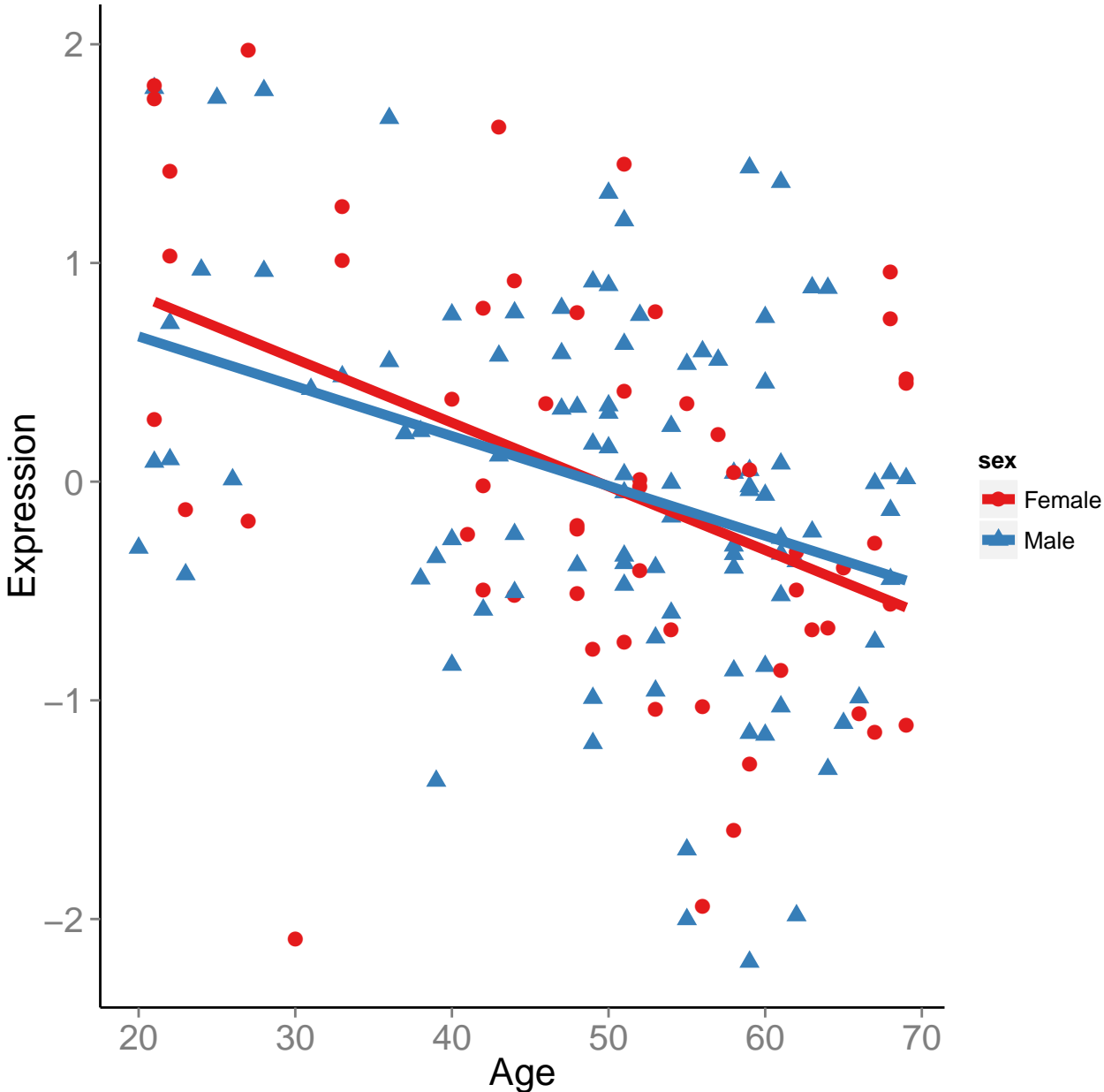
Blood: SPON2 Pearson-R=0.39 Pval=4.10E-07



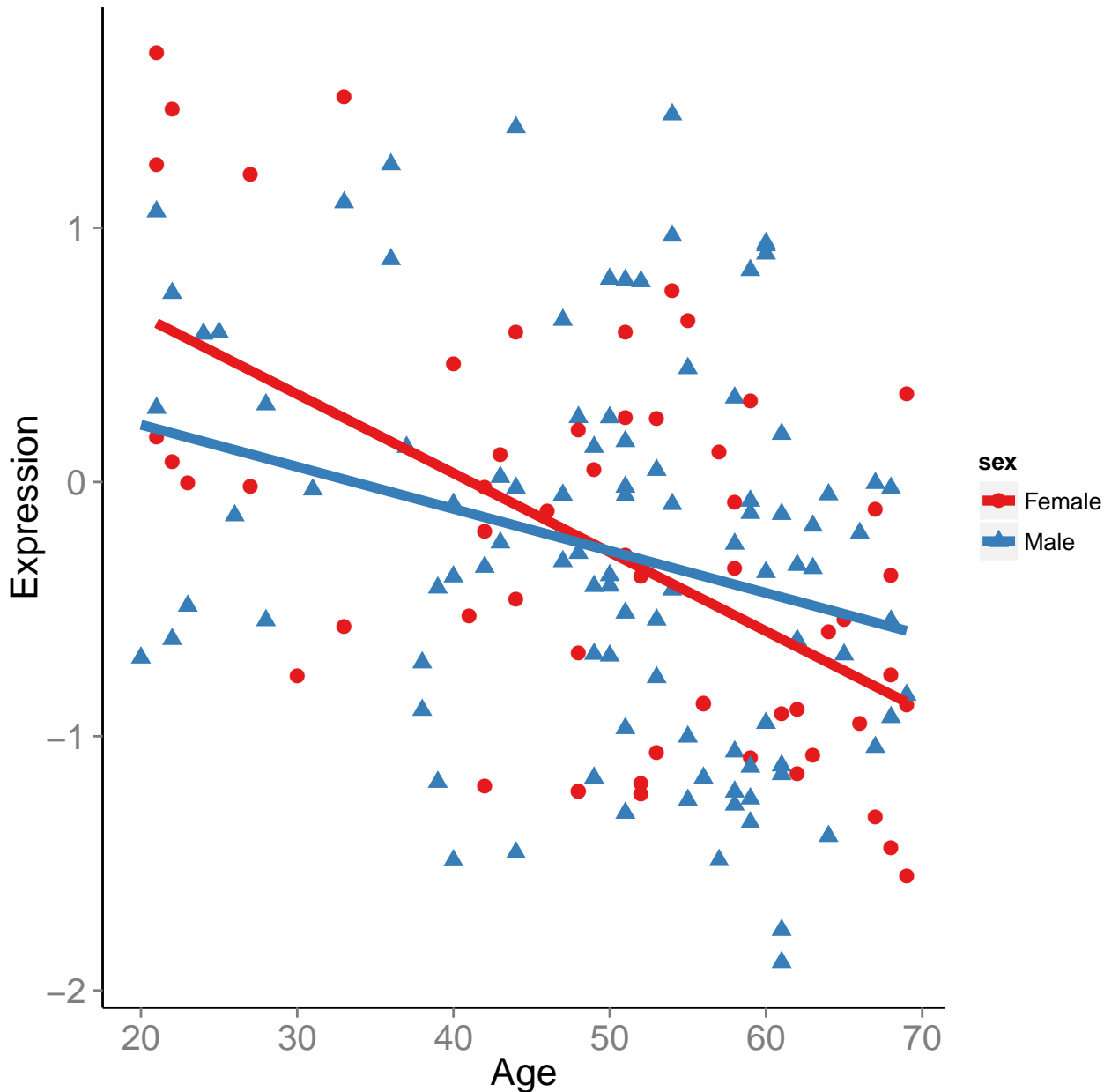
Blood: OSBPL3 Pearson-R=0.39 Pval=4.06E-07



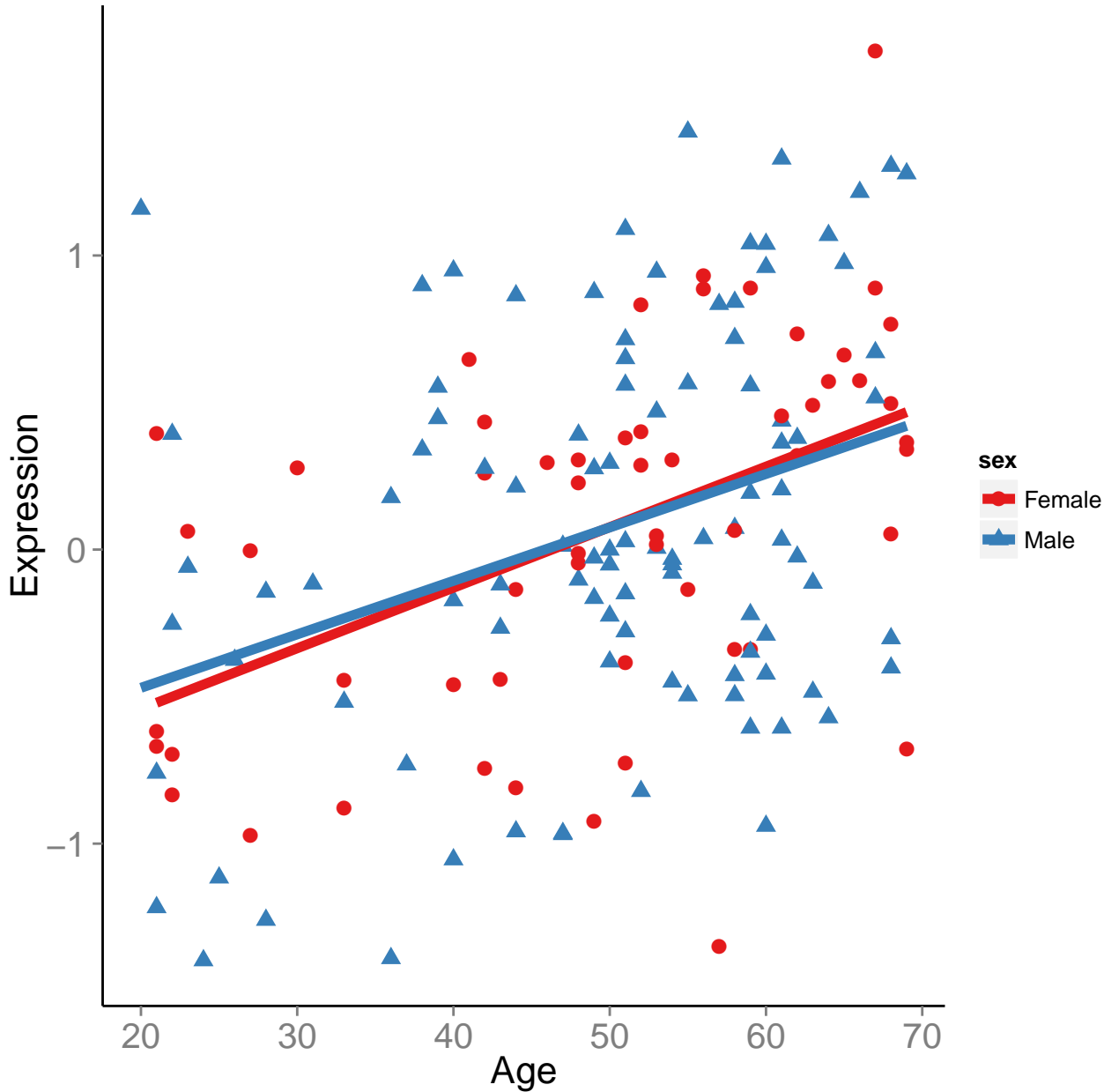
Blood: RP5-1160K1.3 Pearson-R=-0.39 Pval=4.11E-07



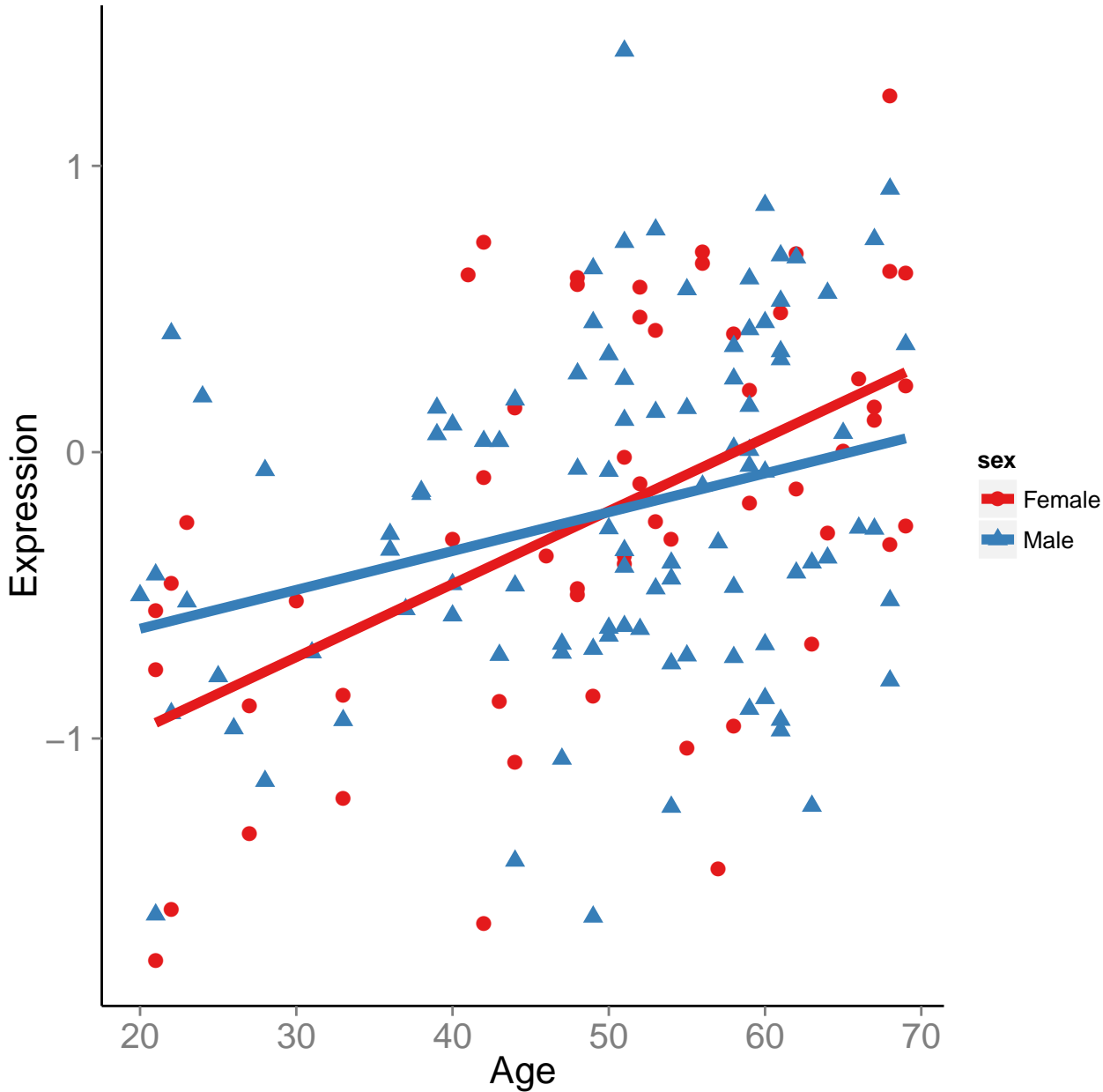
Blood: TMEM216 Pearson-R=-0.39 Pval=4.20E-07



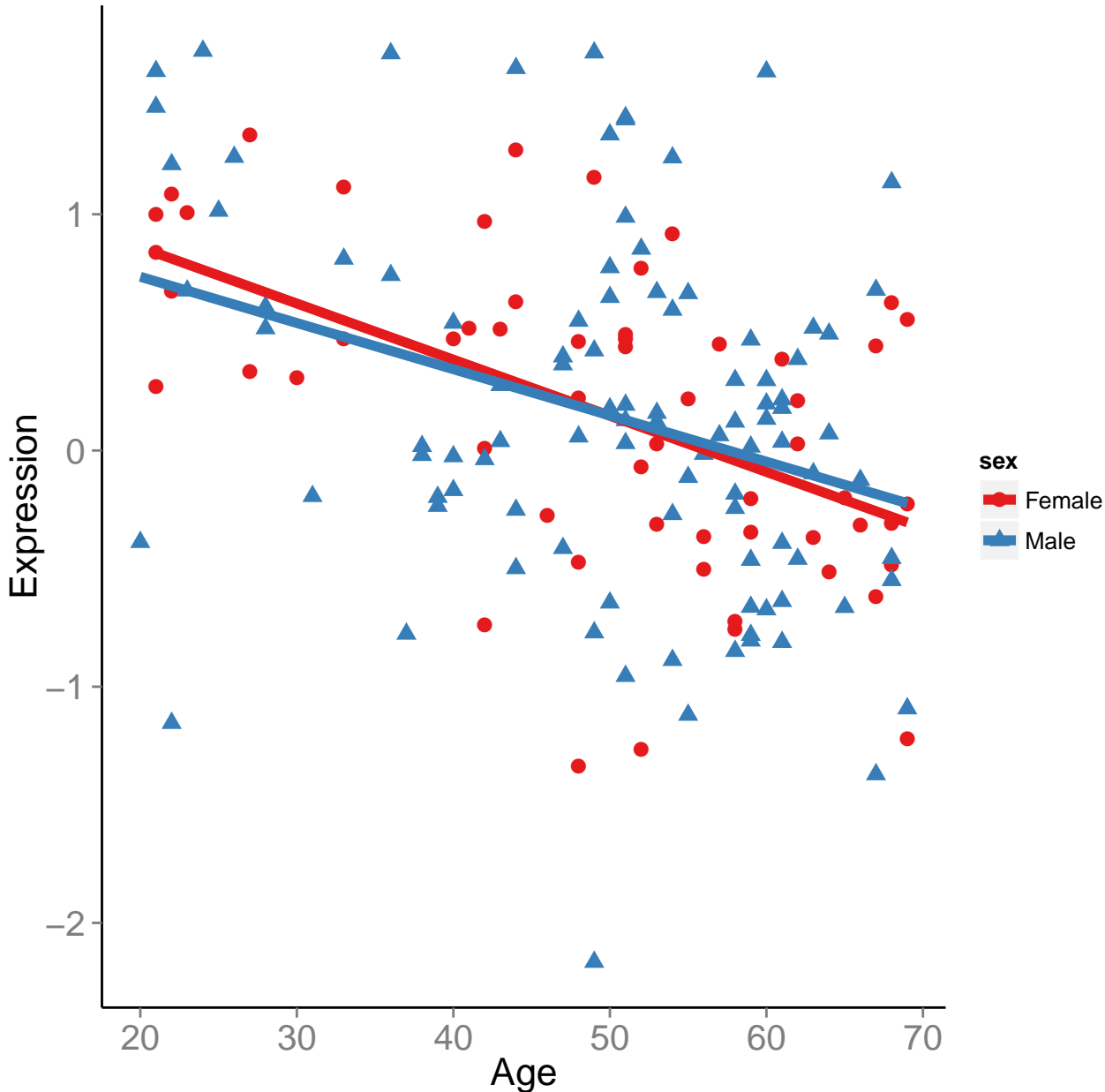
Blood: ZDHHC8 Pearson-R=0.39 Pval=4.20E-07



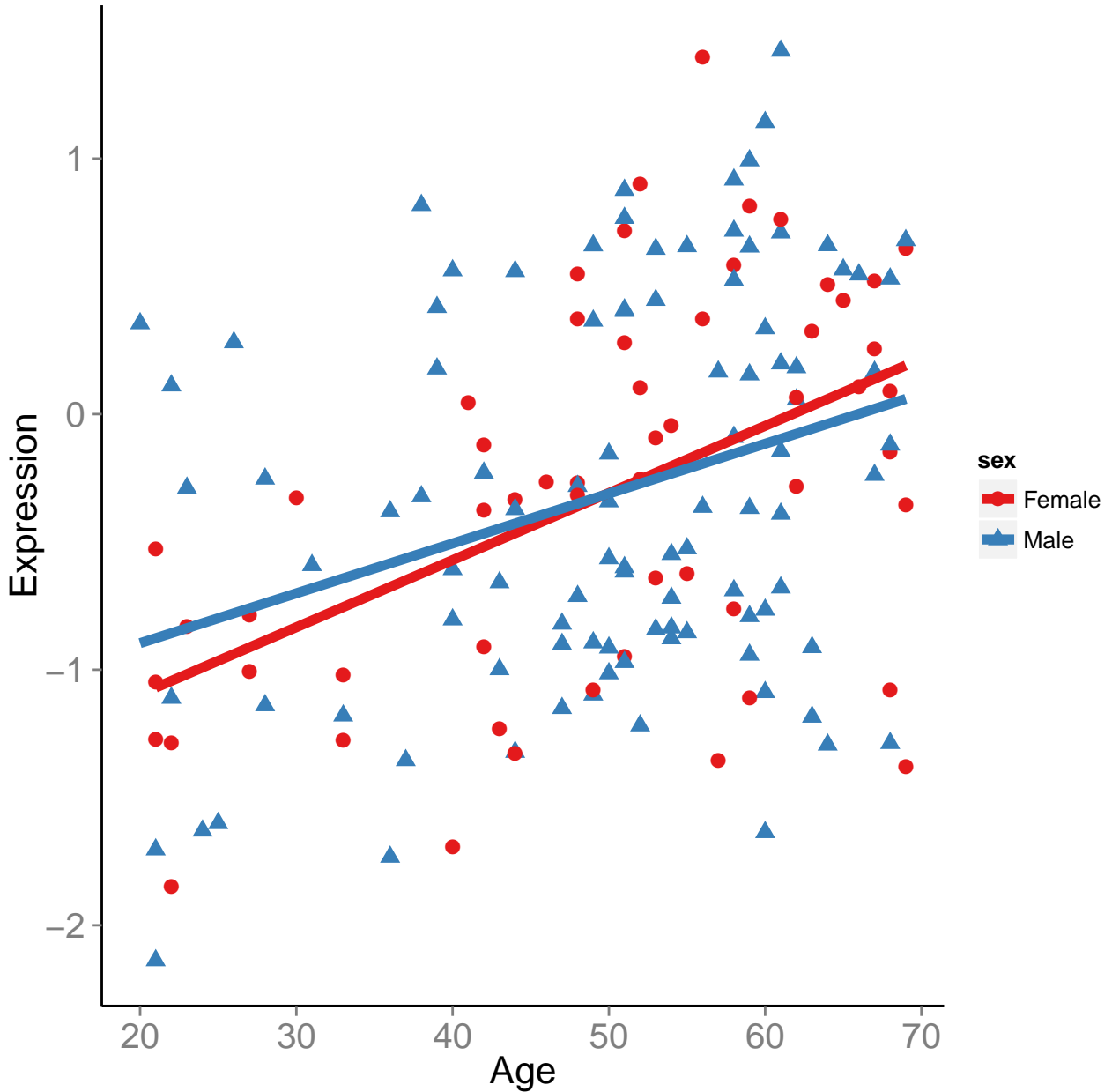
Blood: SYNE2 Pearson-R=0.39 Pval=4.48E-07



Blood: TTC8 Pearson-R=-0.39 Pval=4.46E-07



Blood: DDX39A Pearson-R=0.39 Pval=4.46E-07



Blood: PRF1 Pearson-R=0.39 Pval=4.35E-07

