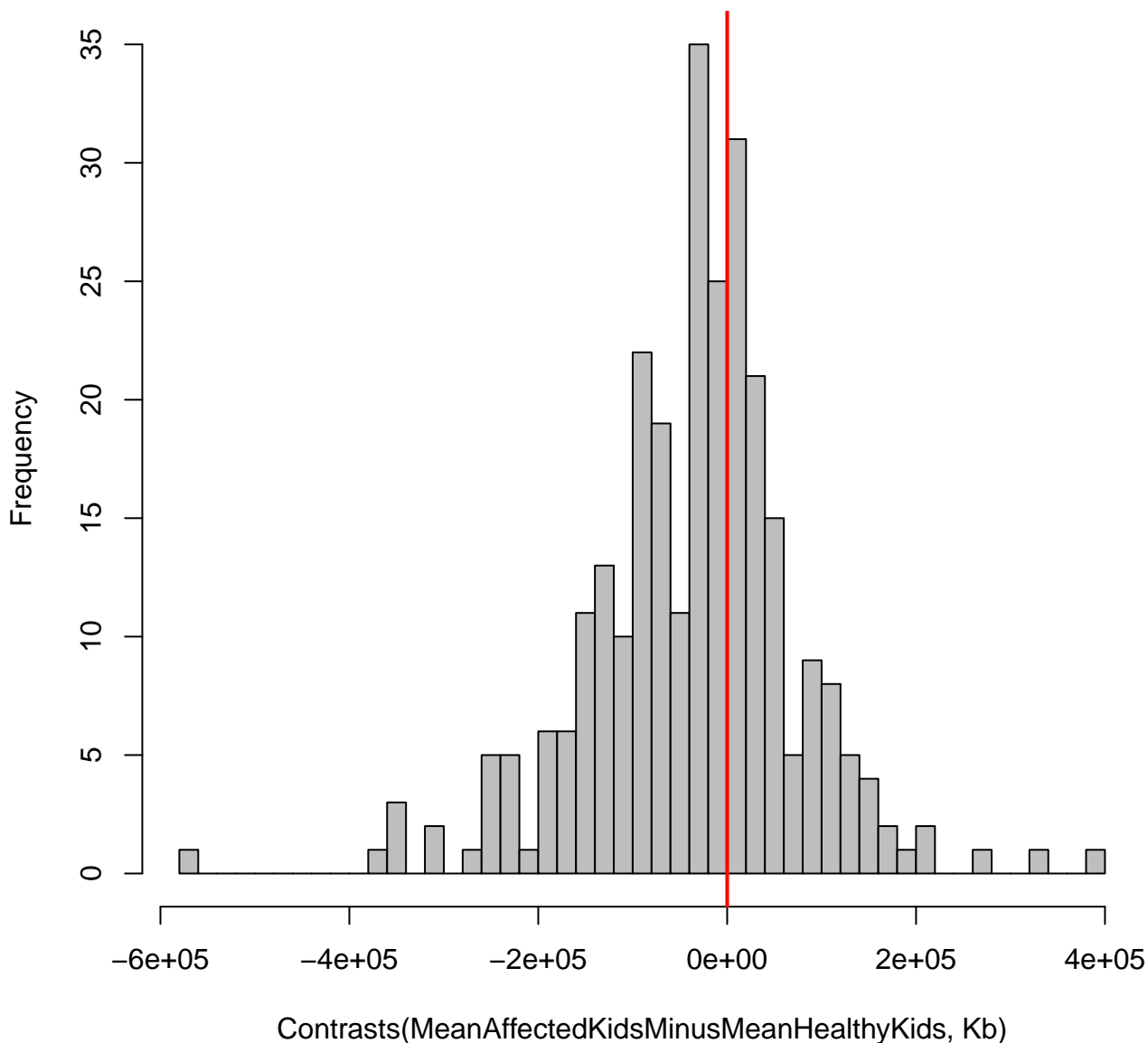**> 1 % : ObservedMedian = −26965 , Pvalue = 4.80410145806116e−08**
**Number Of Analyzed Kids = 283**
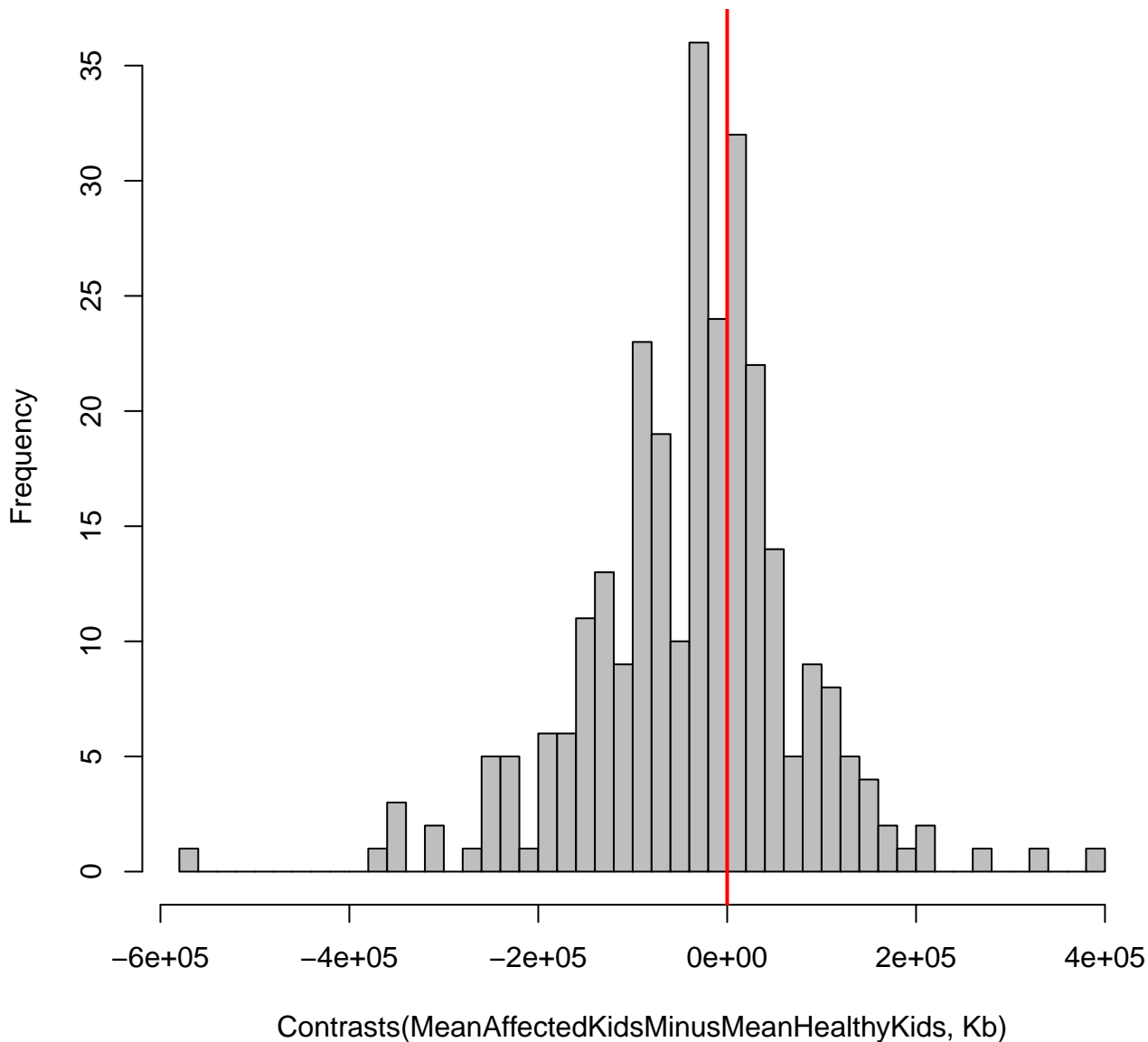
Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 2 % : ObservedMedian = −27050 , Pvalue = 4.72619346352327e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
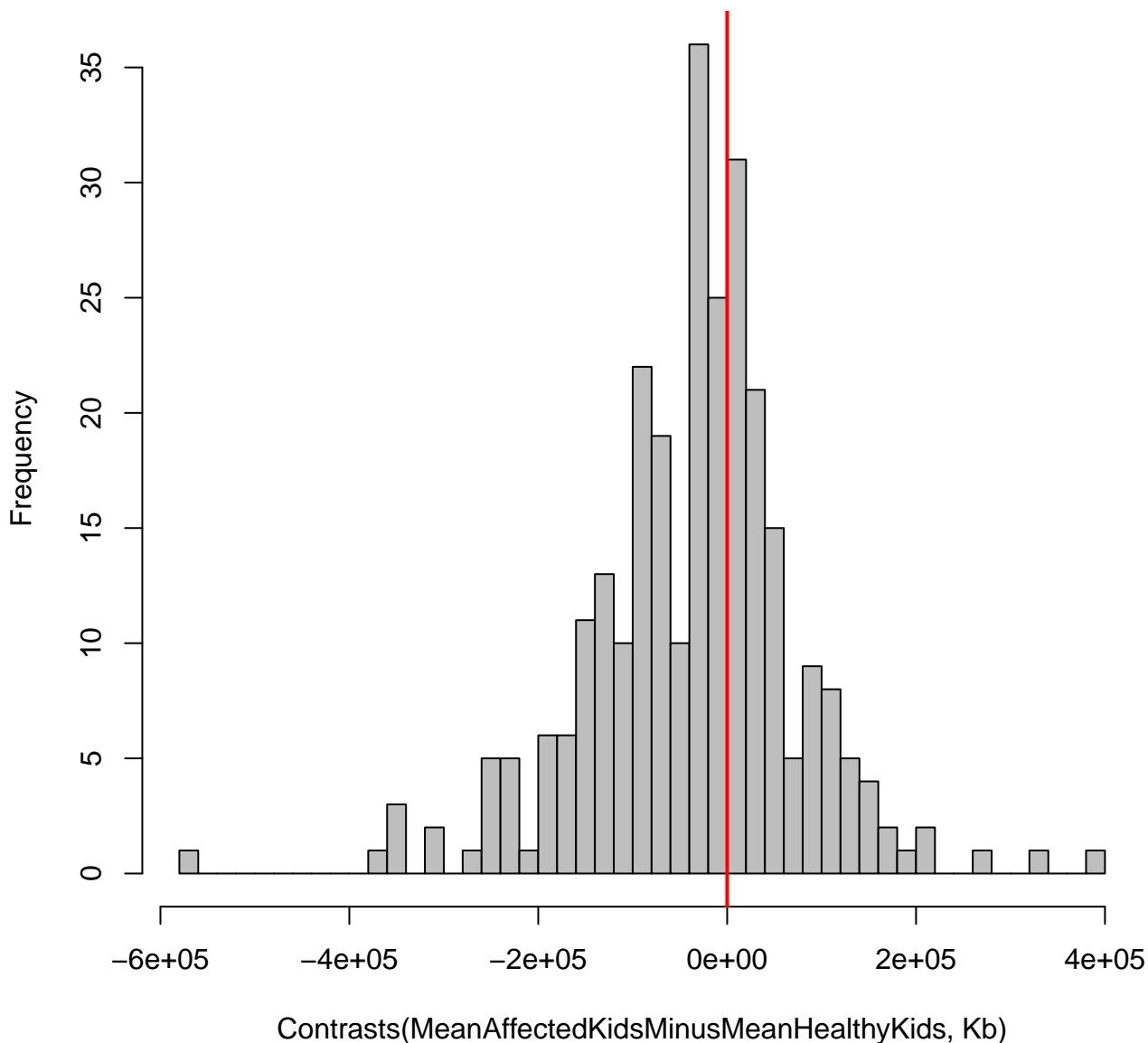
**> 3 % : ObservedMedian = −27186 , Pvalue = 4.61162318296171e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
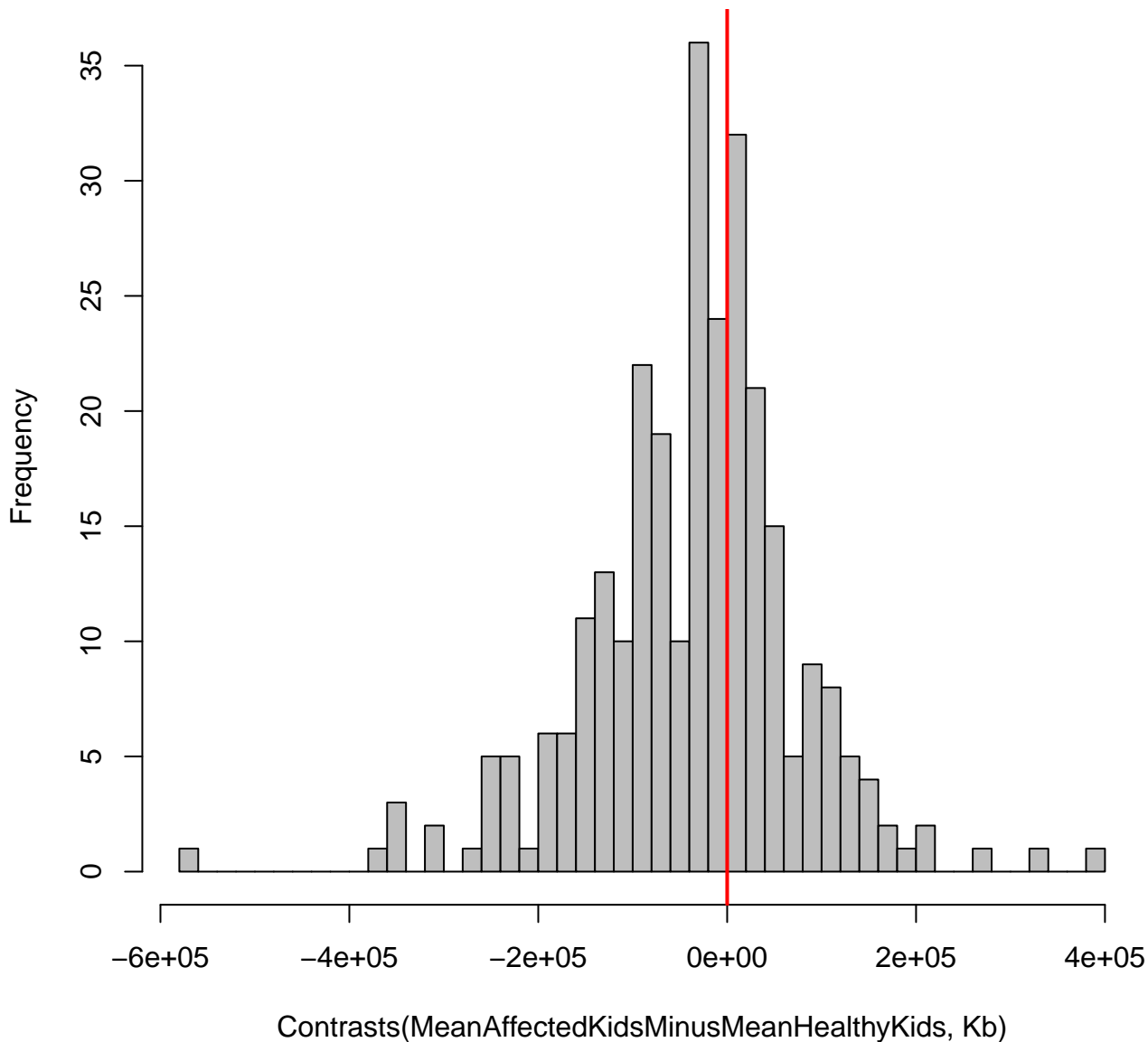
> 4 % : ObservedMedian = −27296 , Pvalue = 4.63052943978486e−08
Number Of Analyzed Kids = 283

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 5 % : ObservedMedian = −26901 , Pvalue = 4.74555485080578e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
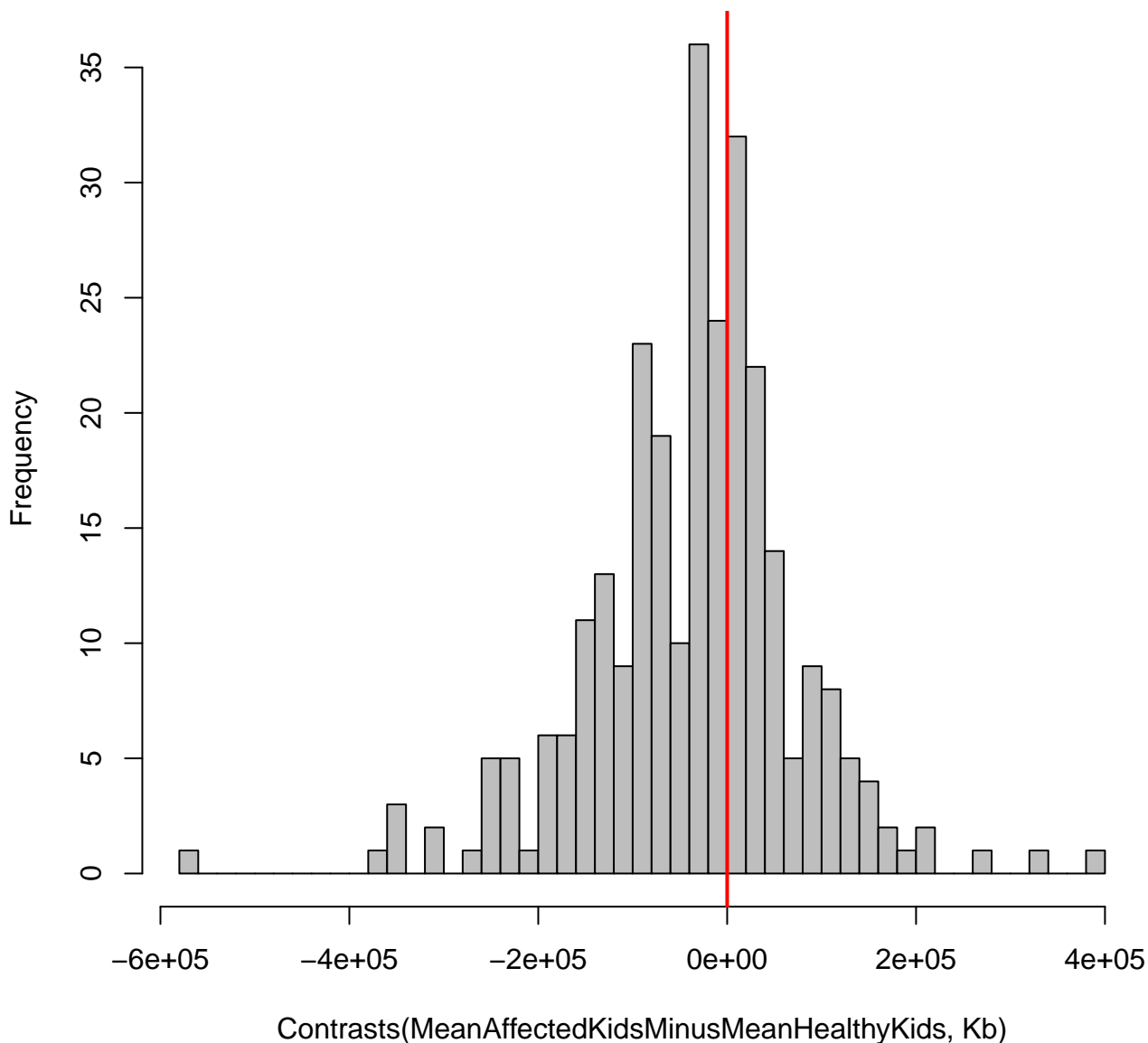
**> 6 % : ObservedMedian = −27122 , Pvalue = 5.14932576956928e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
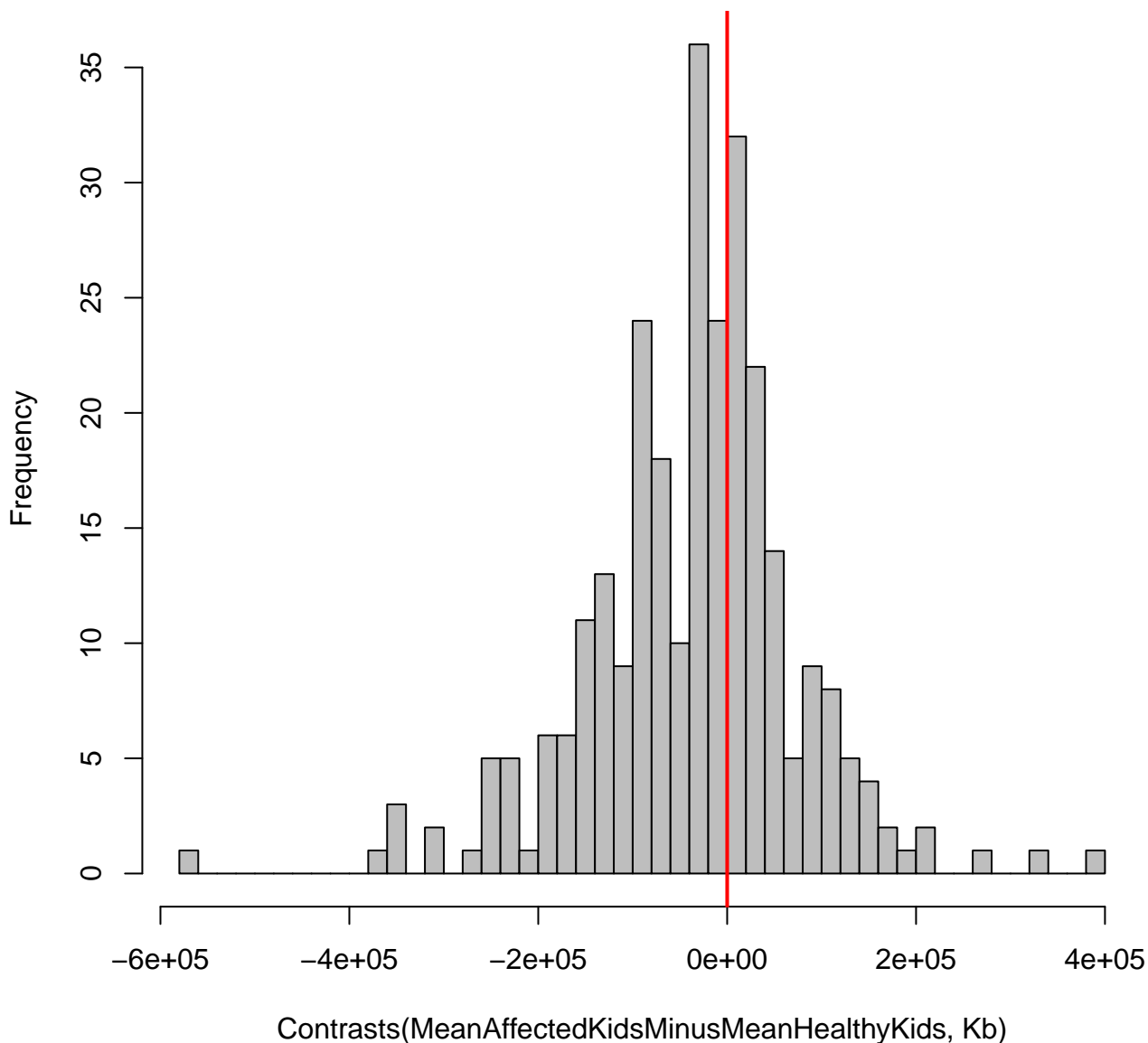
**> 7 % : ObservedMedian = −27082 , Pvalue = 5.19148753597901e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
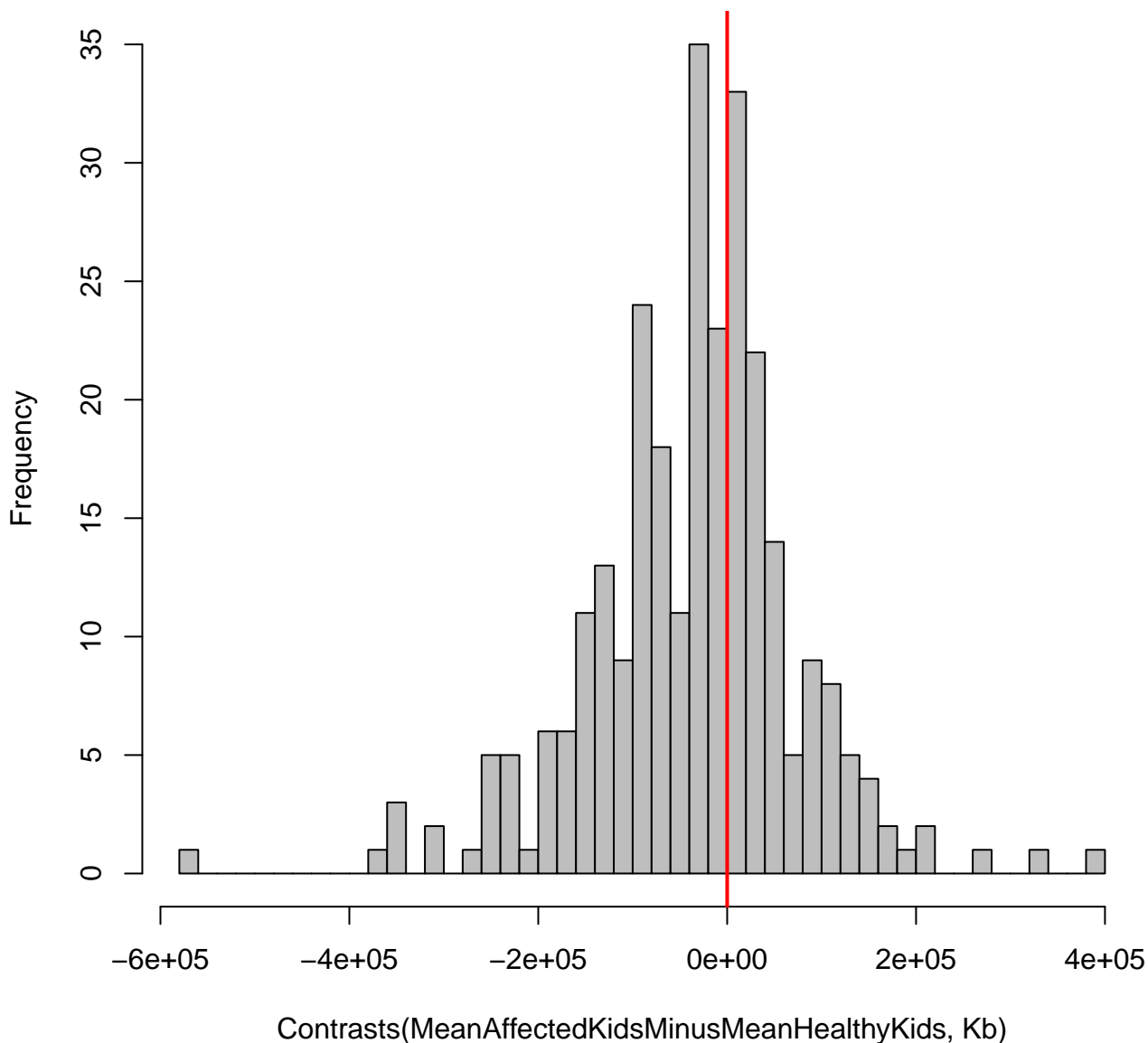
**> 8 % : ObservedMedian = −26768 , Pvalue = 5.27681713129172e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
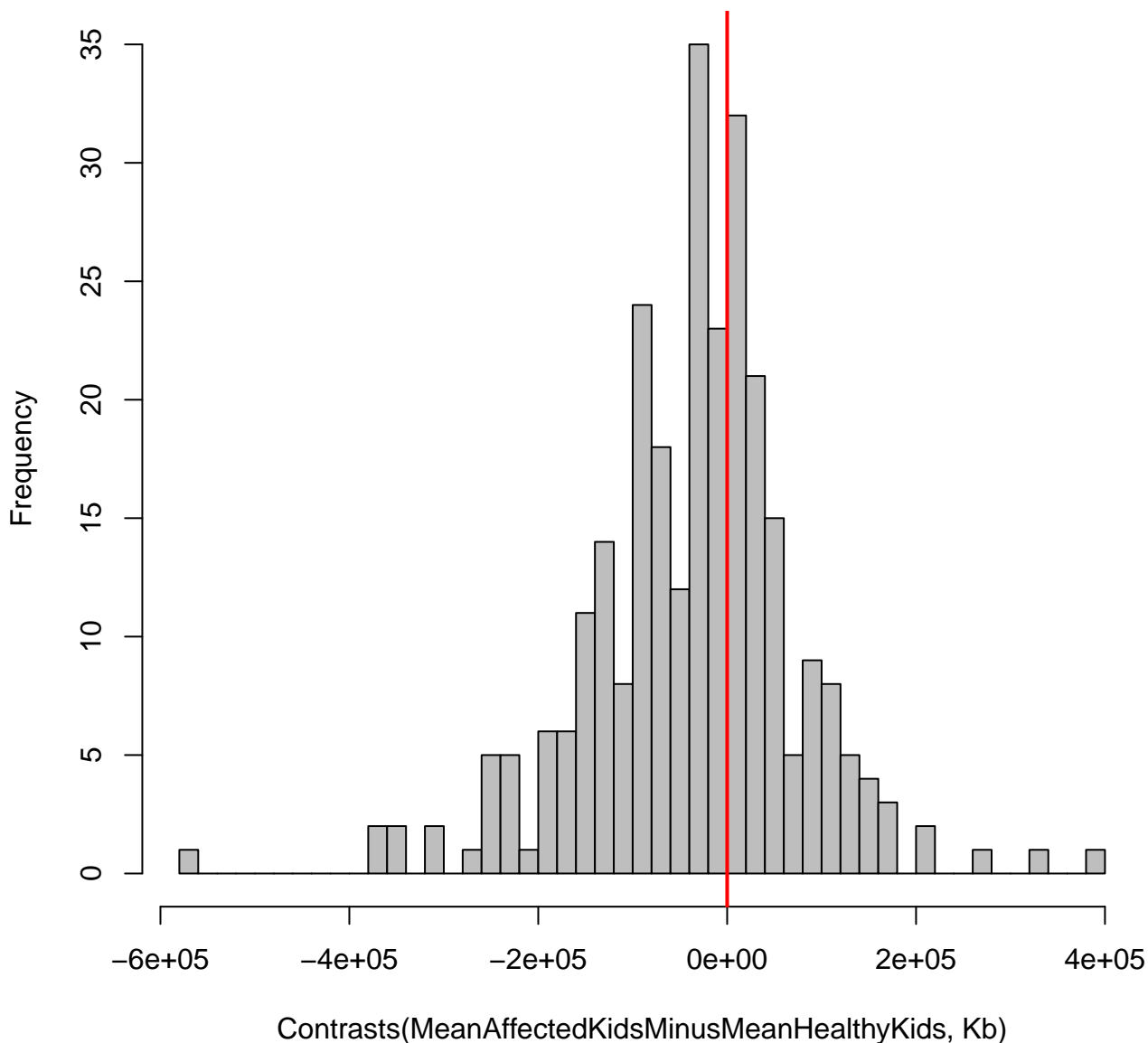
**> 9 % : ObservedMedian = −26918 , Pvalue = 5.29836100092576e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
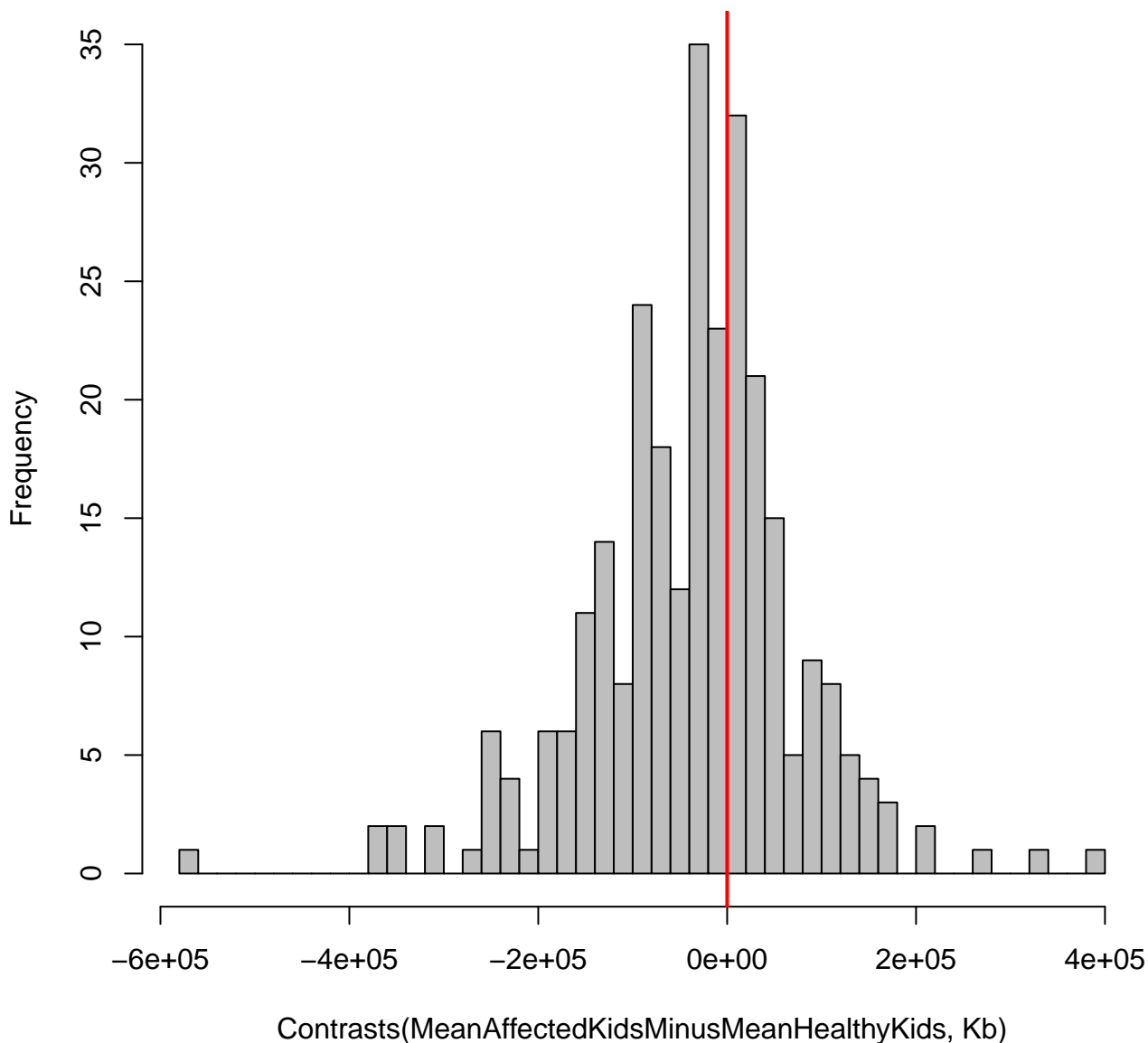
**> 10 % : ObservedMedian = −27117 , Pvalue = 5.21269369676341e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
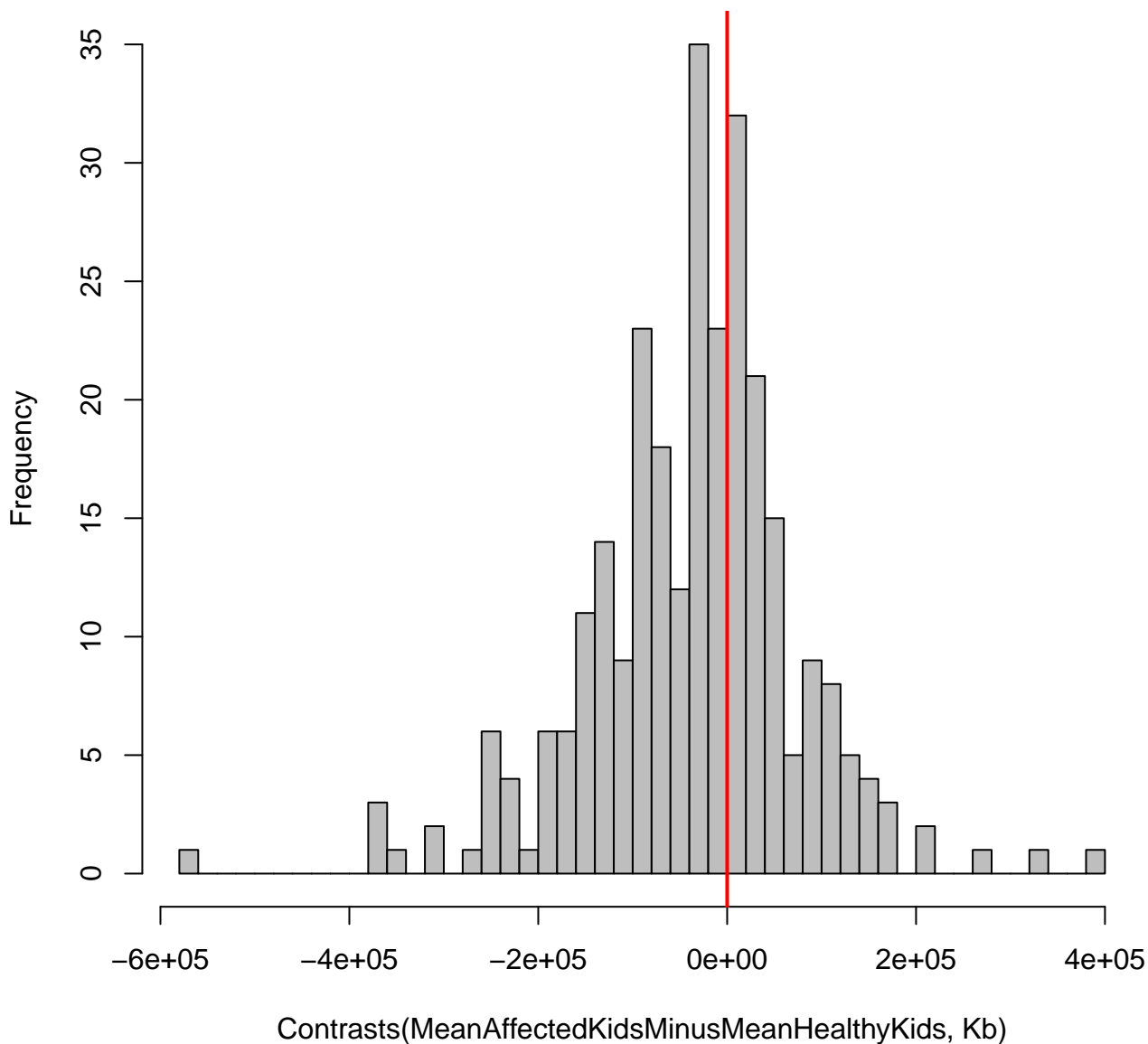
**> 11 % : ObservedMedian = −26749 , Pvalue = 5.31999010628868e−08**
**Number Of Analyzed Kids = 283**

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
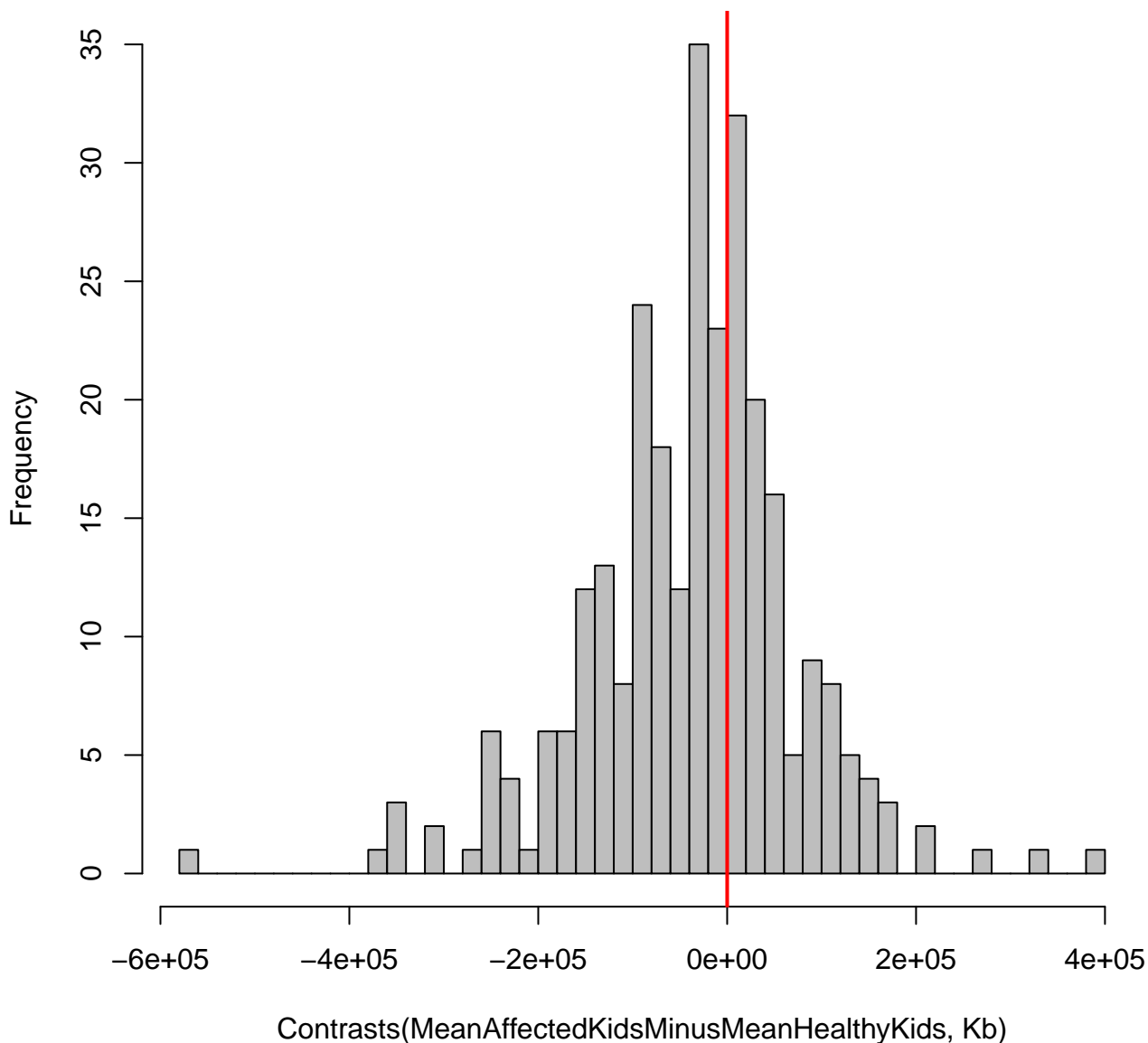
**> 12 % : ObservedMedian = −27122 , Pvalue = 5.51854181496539e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
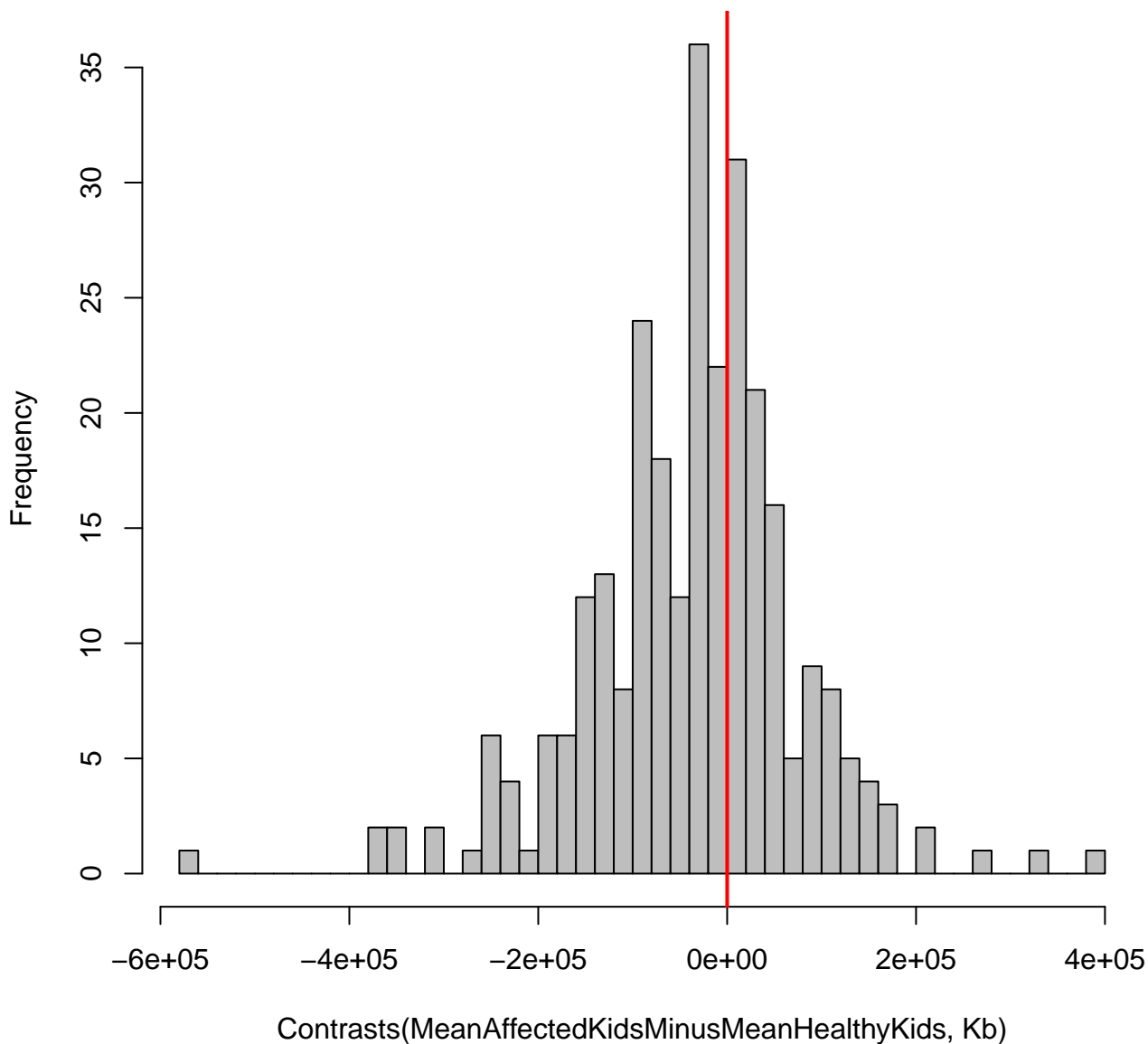
**> 13 % : ObservedMedian = −27122 , Pvalue = 5.70104634812378e−08**
**Number Of Analyzed Kids = 283**

Frequency

−6e+05    −4e+05    −2e+05    0e+00    2e+05    4e+05

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
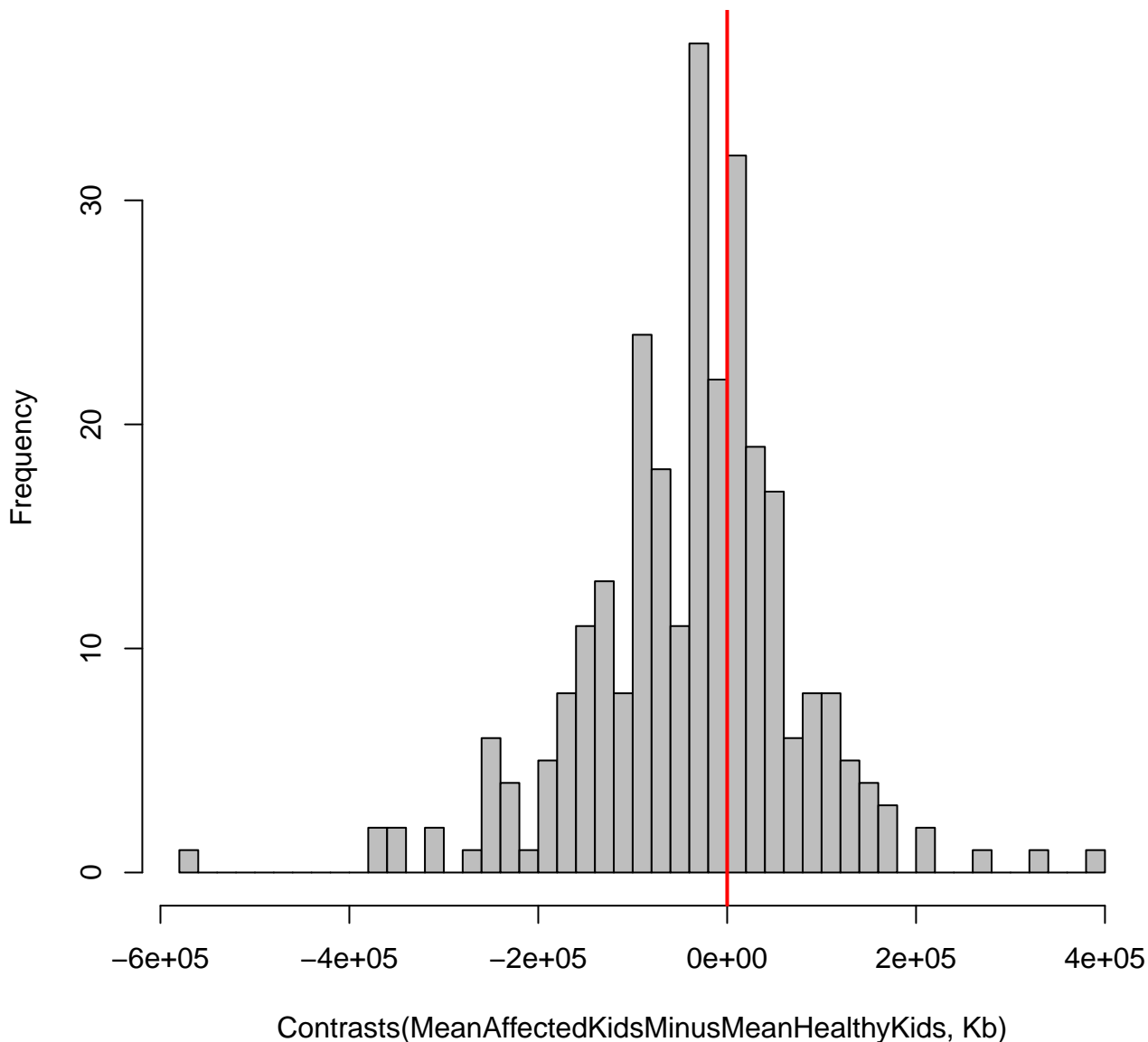
**> 14 % : ObservedMedian = −27122 , Pvalue = 5.67791739868106e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
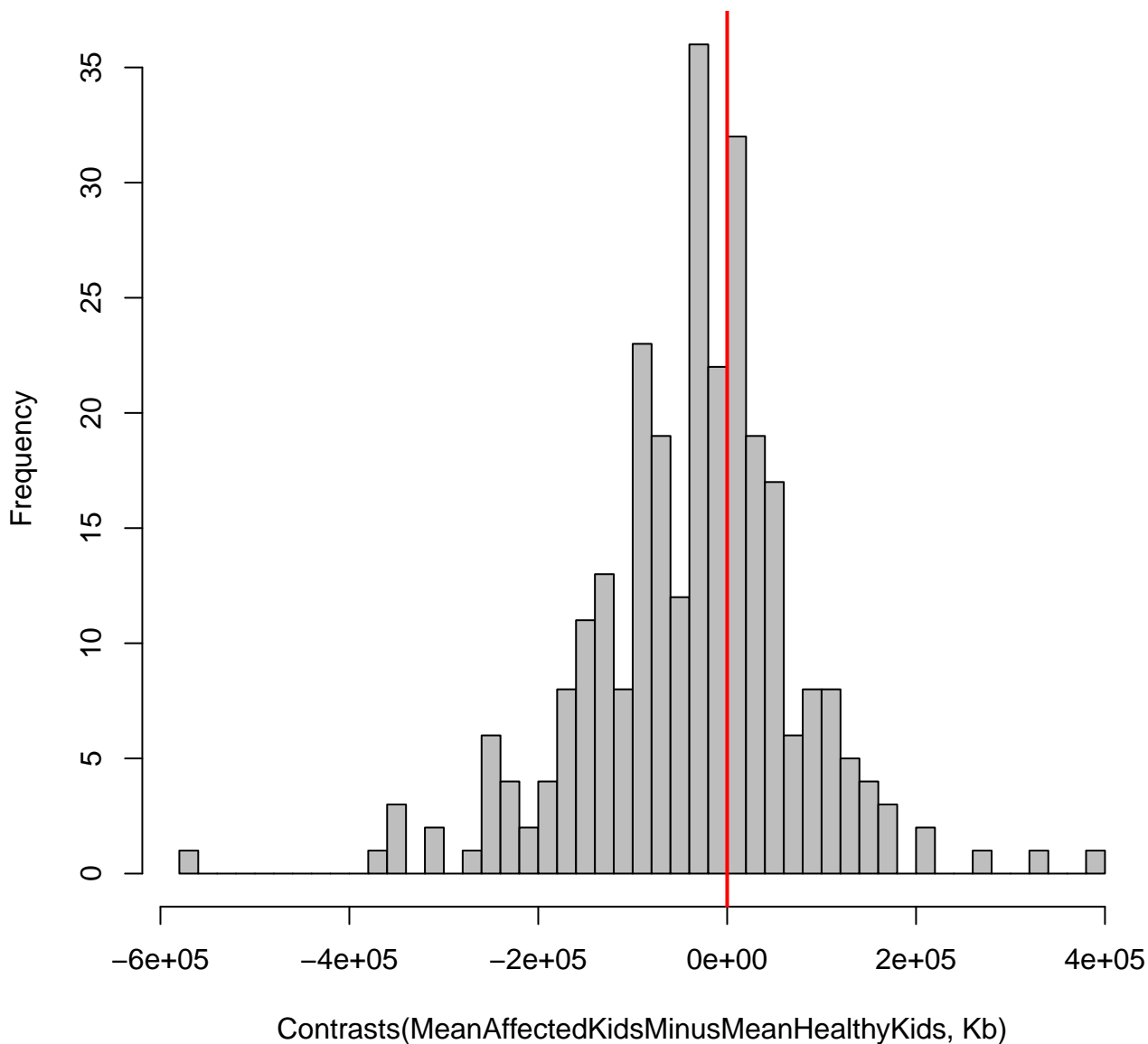
**> 15 % : ObservedMedian = −27110 , Pvalue = 5.47380796204059e−08**
**Number Of Analyzed Kids = 283**
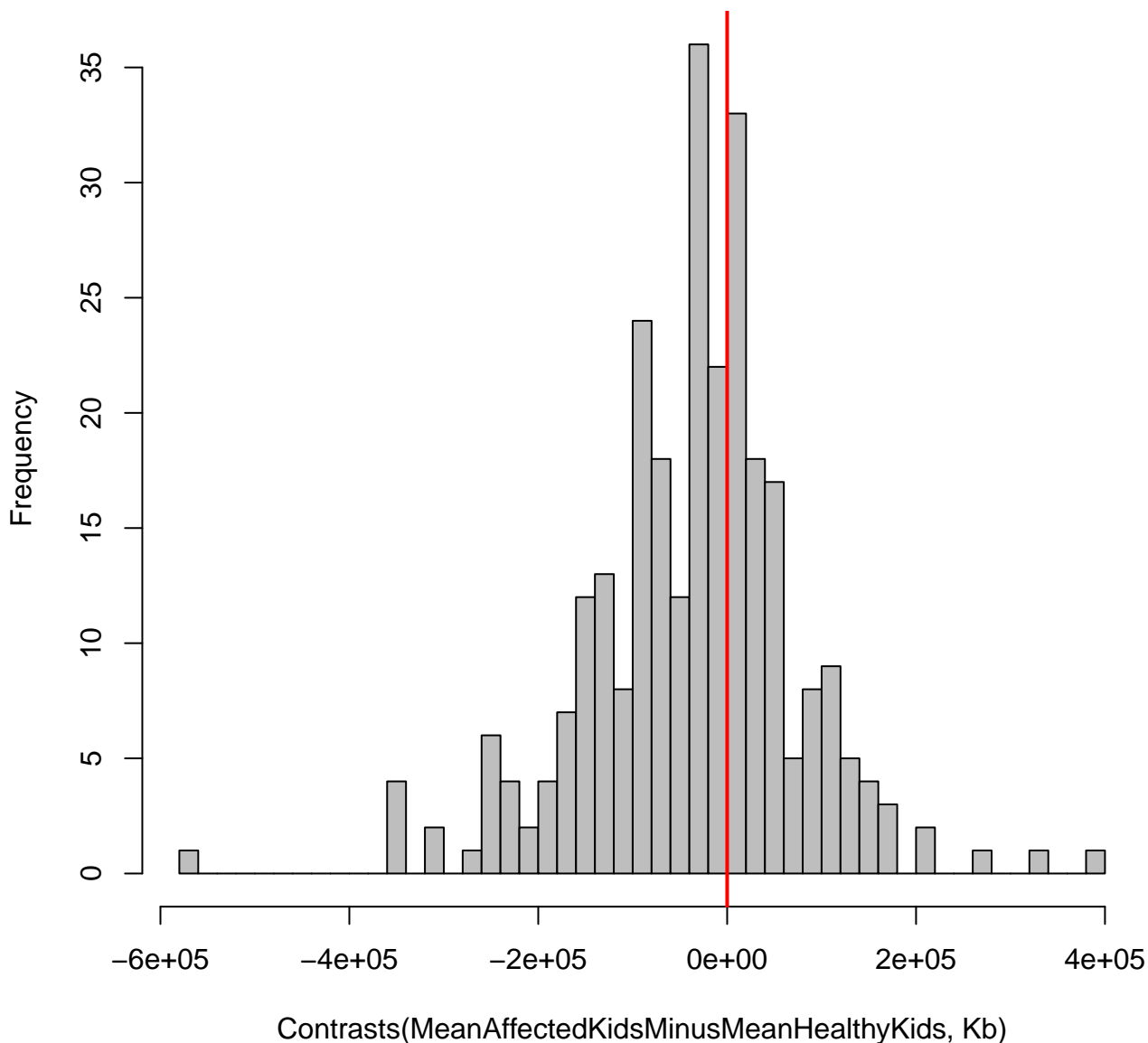
Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 16 % : ObservedMedian = −27116 , Pvalue = 5.12836952774141e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 17 % : ObservedMedian = −27116 , Pvalue = 5.12836952774141e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
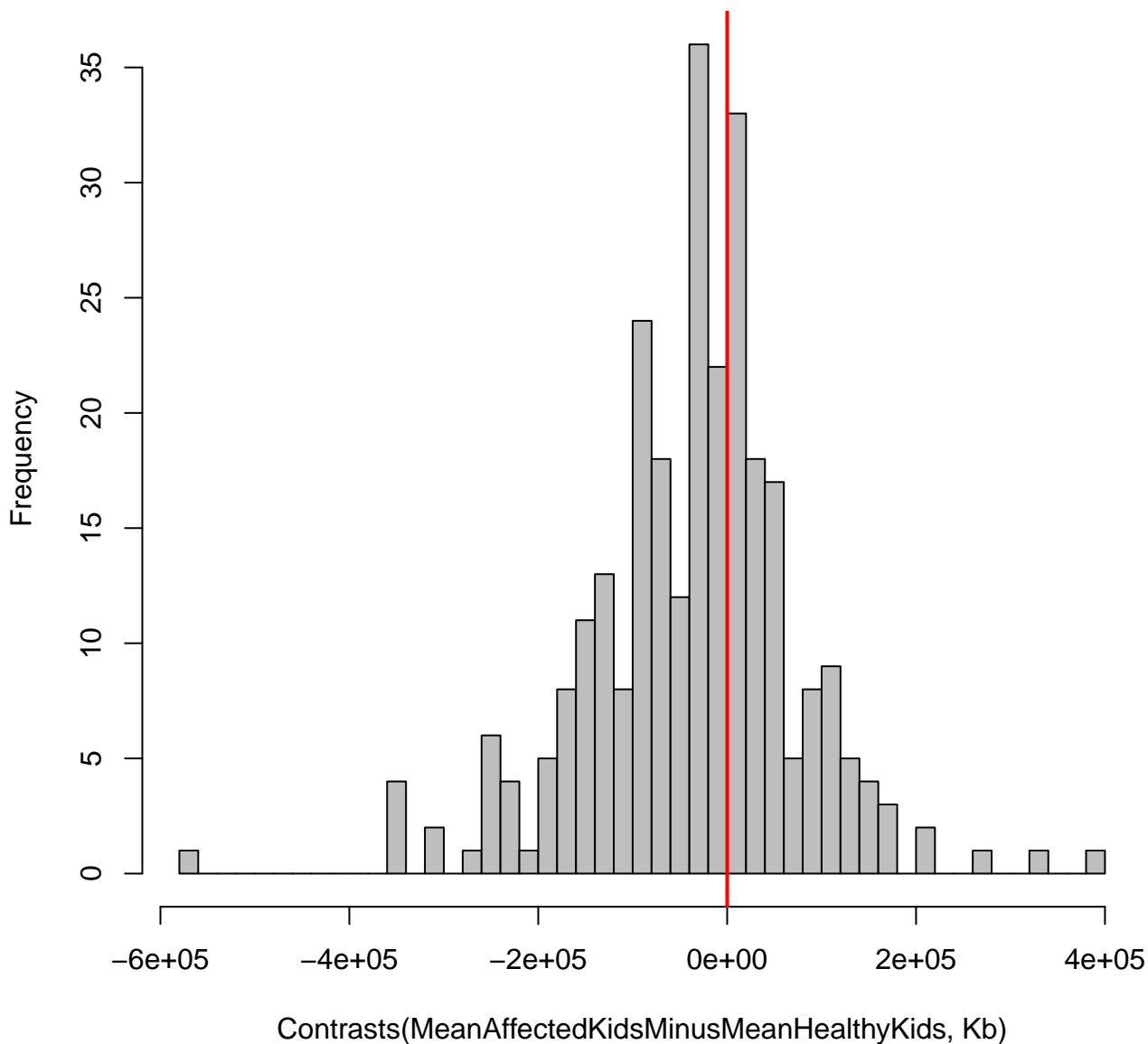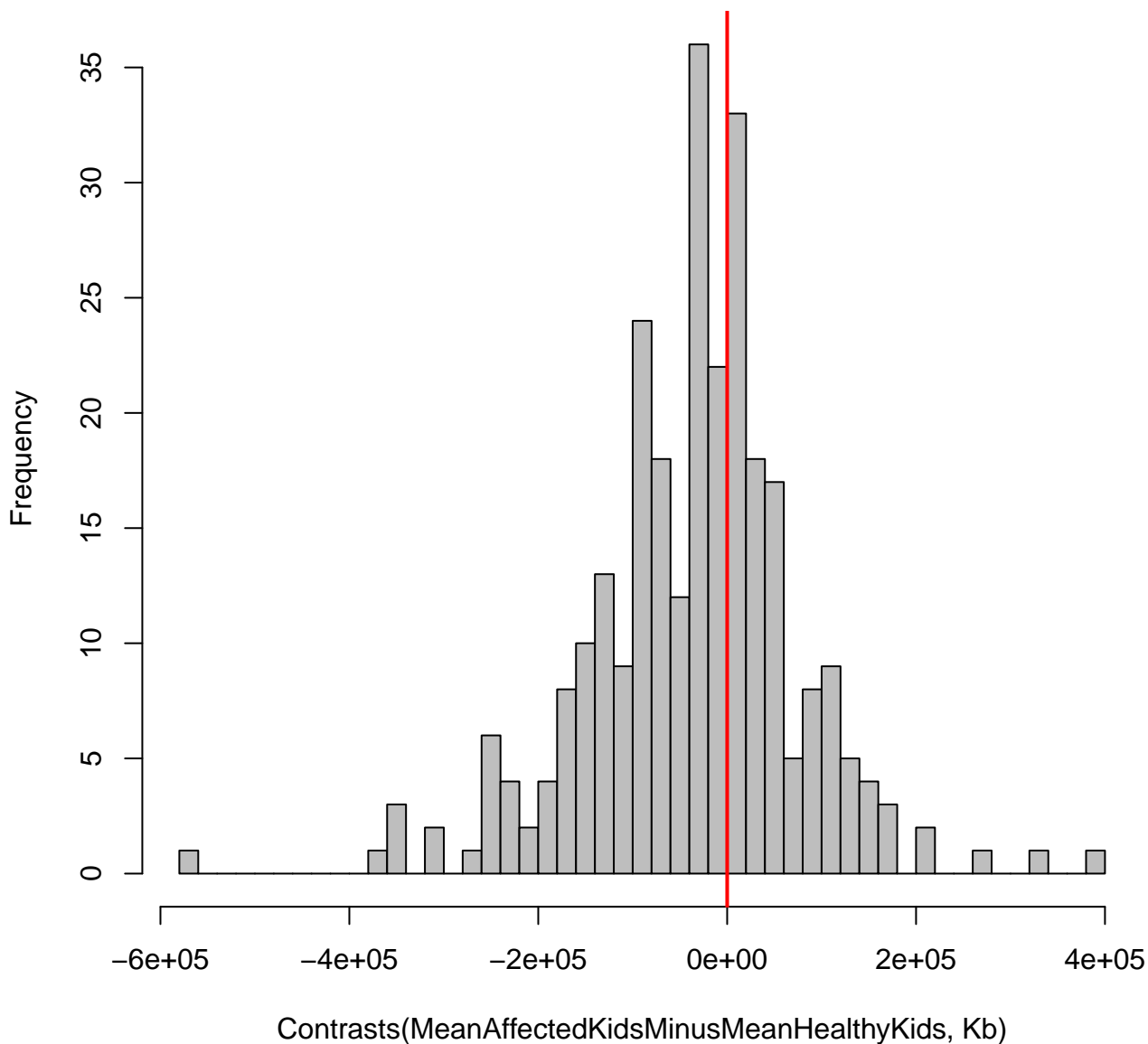
**> 18 % : ObservedMedian = −26941 , Pvalue = 5.10749595797465e−08**
**Number Of Analyzed Kids = 283**

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
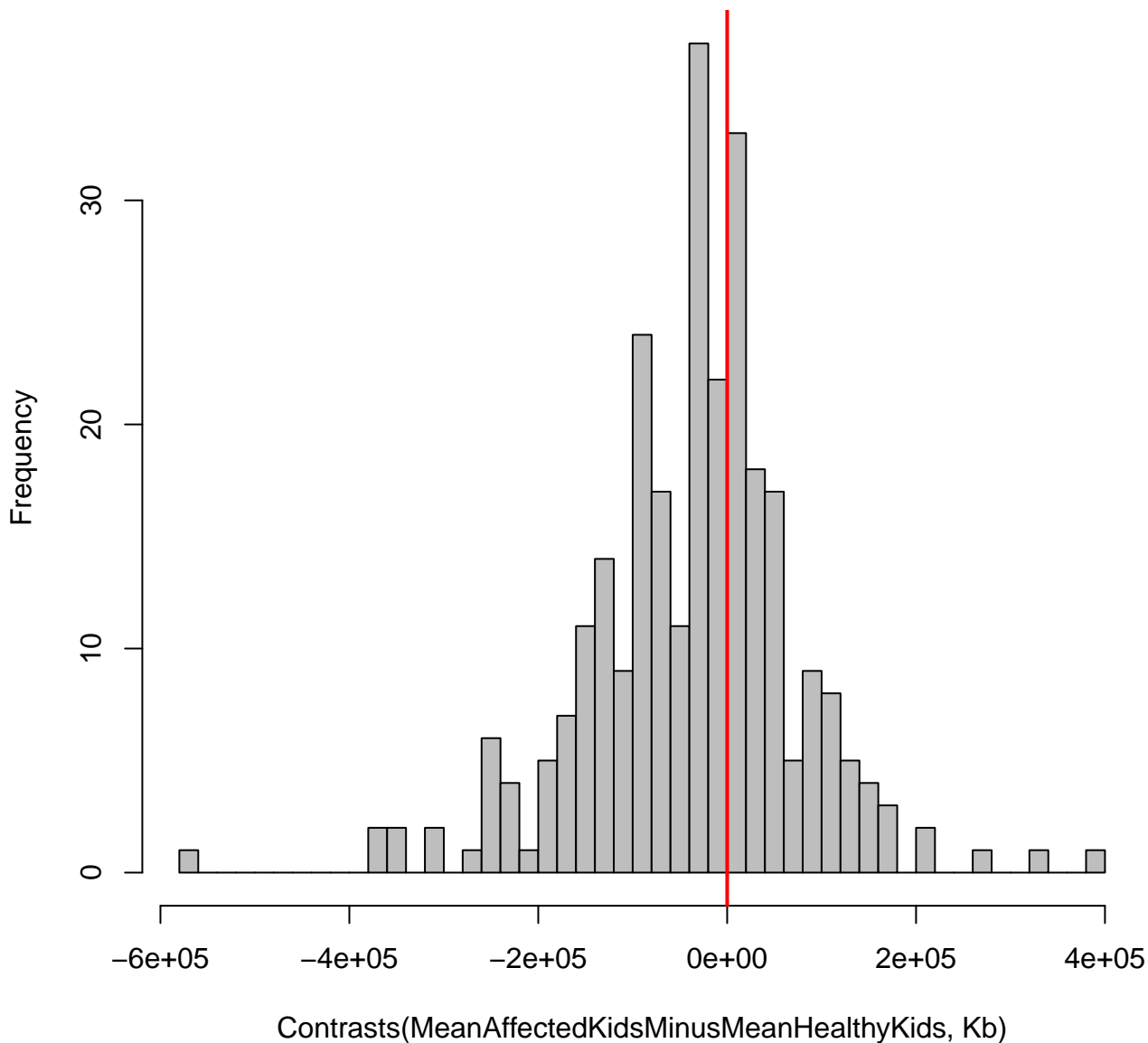
**> 19 % : ObservedMedian = −26635 , Pvalue = 5.08670474507867e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
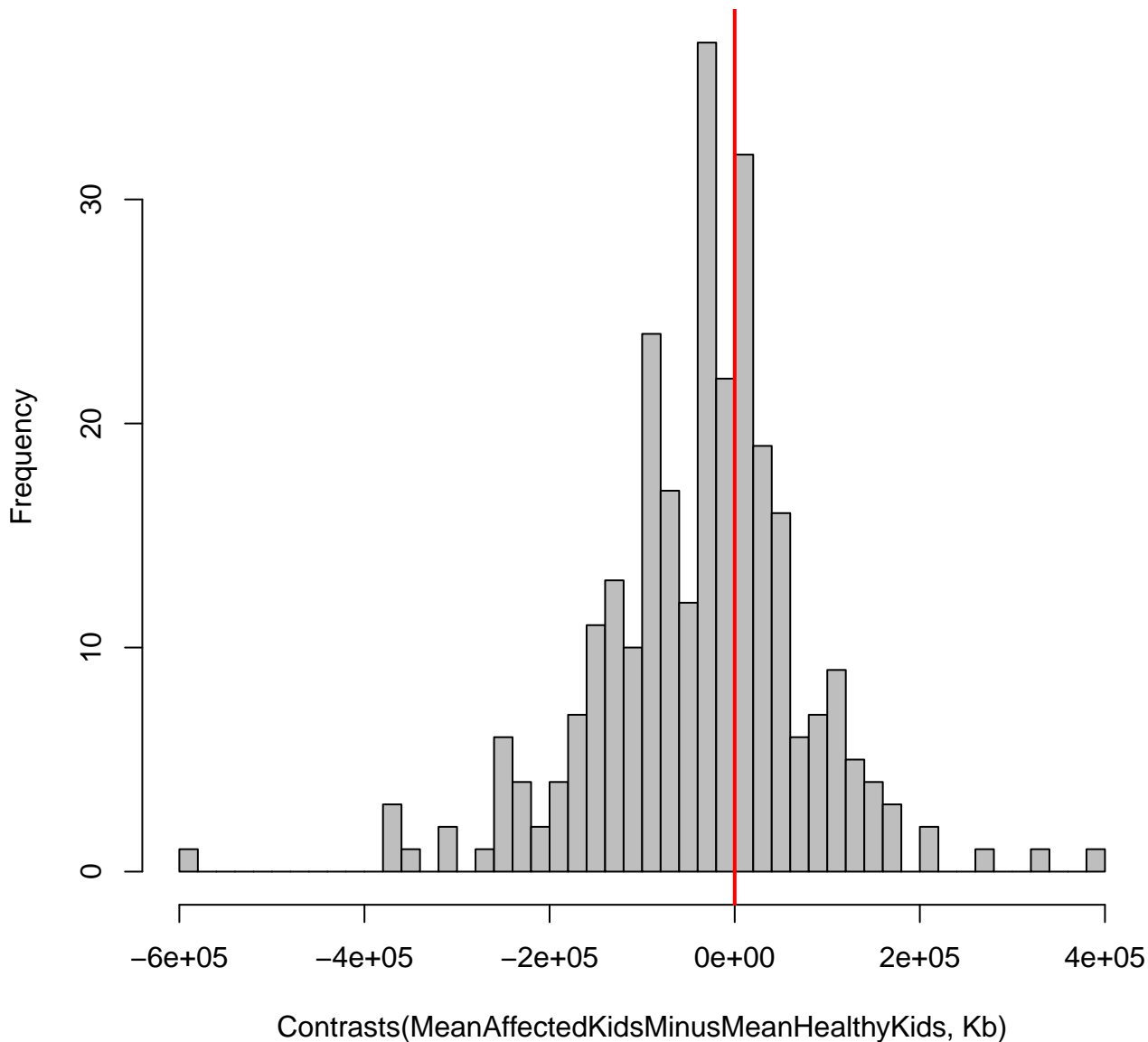
**> 20 % : ObservedMedian = −27099 , Pvalue = 5.04536813491878e−08**
**Number Of Analyzed Kids = 283**
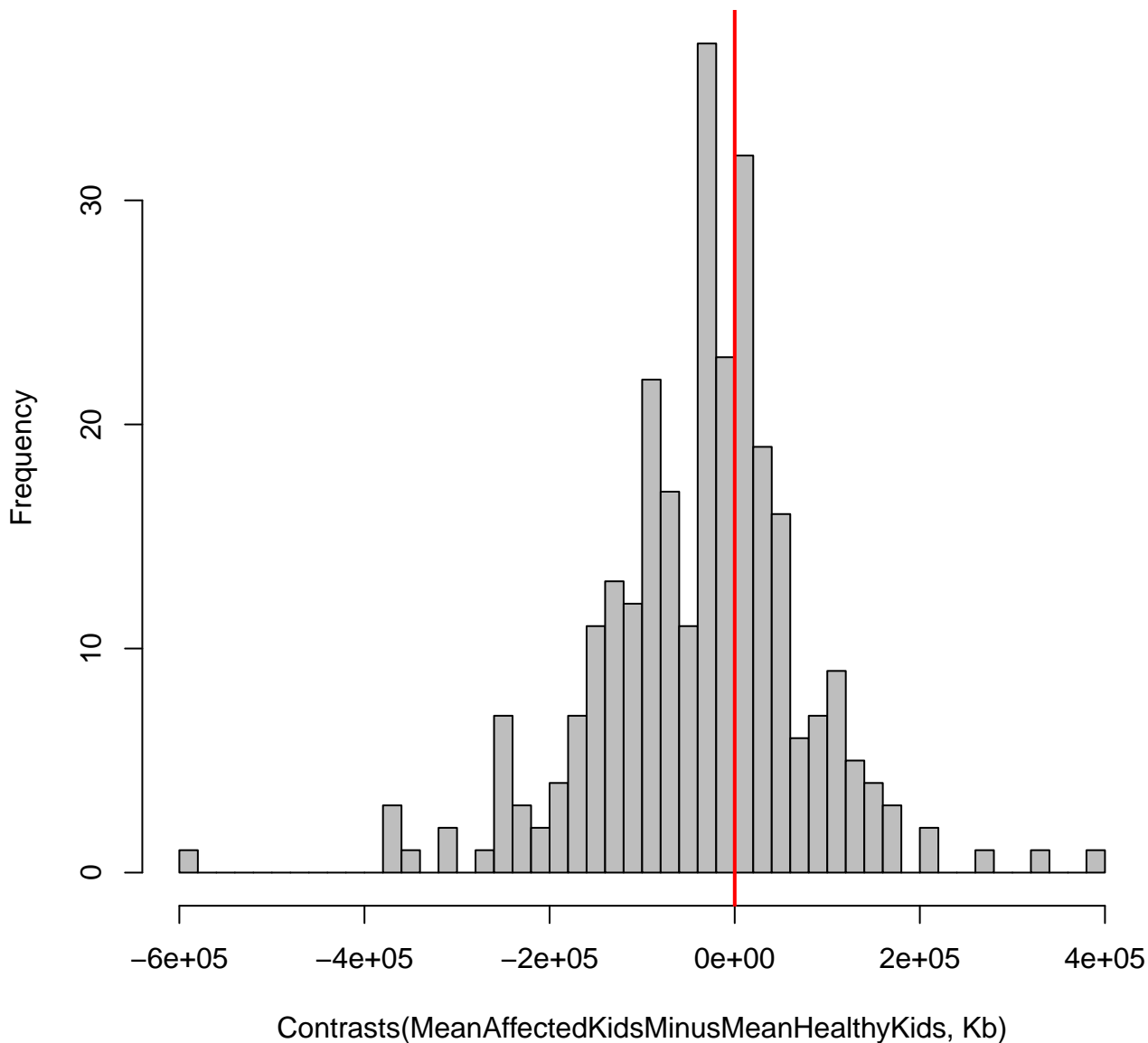
Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

> 21 % : ObservedMedian = −27122 , Pvalue = 4.76499311549076e−08
Number Of Analyzed Kids = 283

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
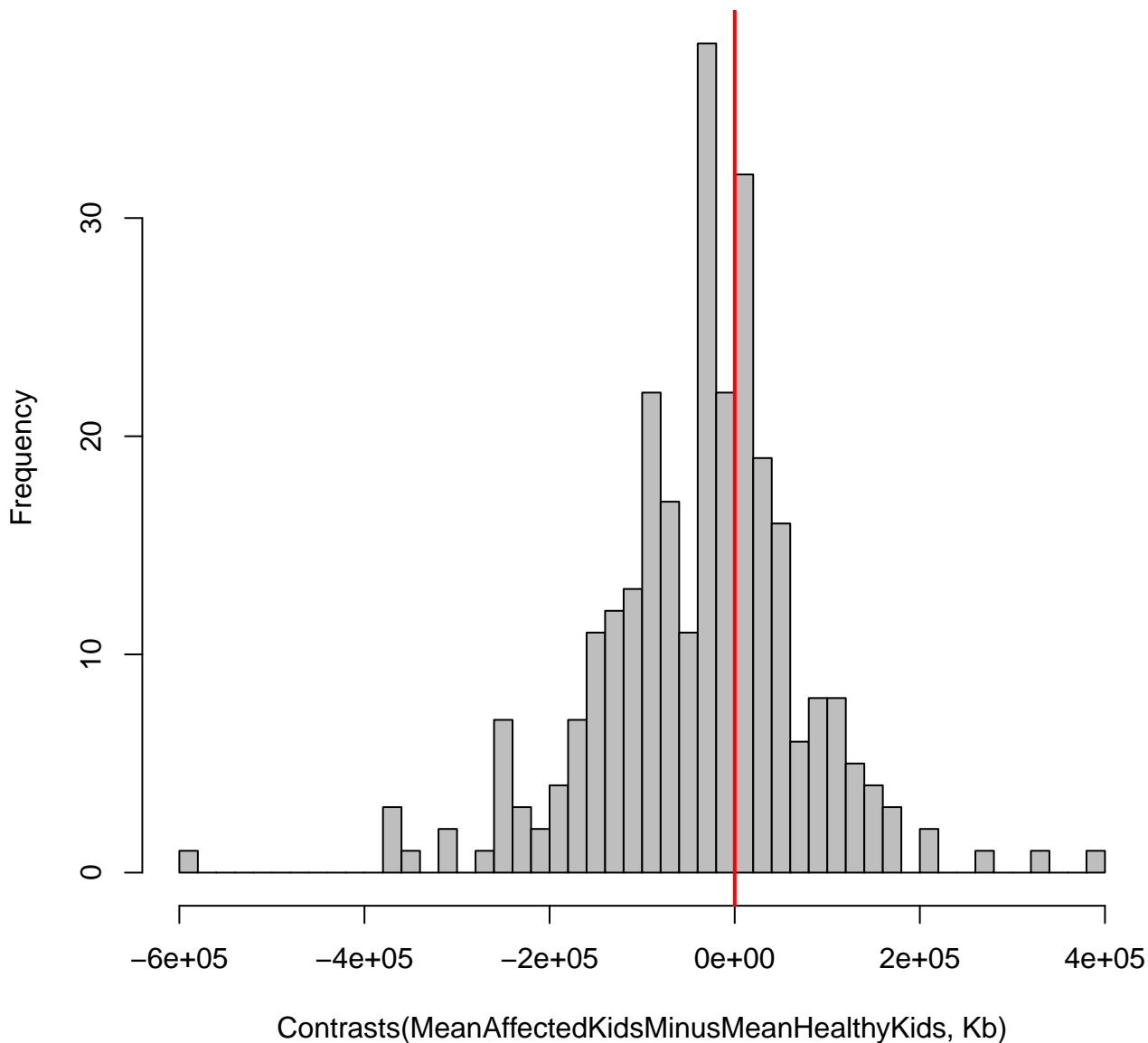
**> 22 % : ObservedMedian = −27389 , Pvalue = 4.92330244636116e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
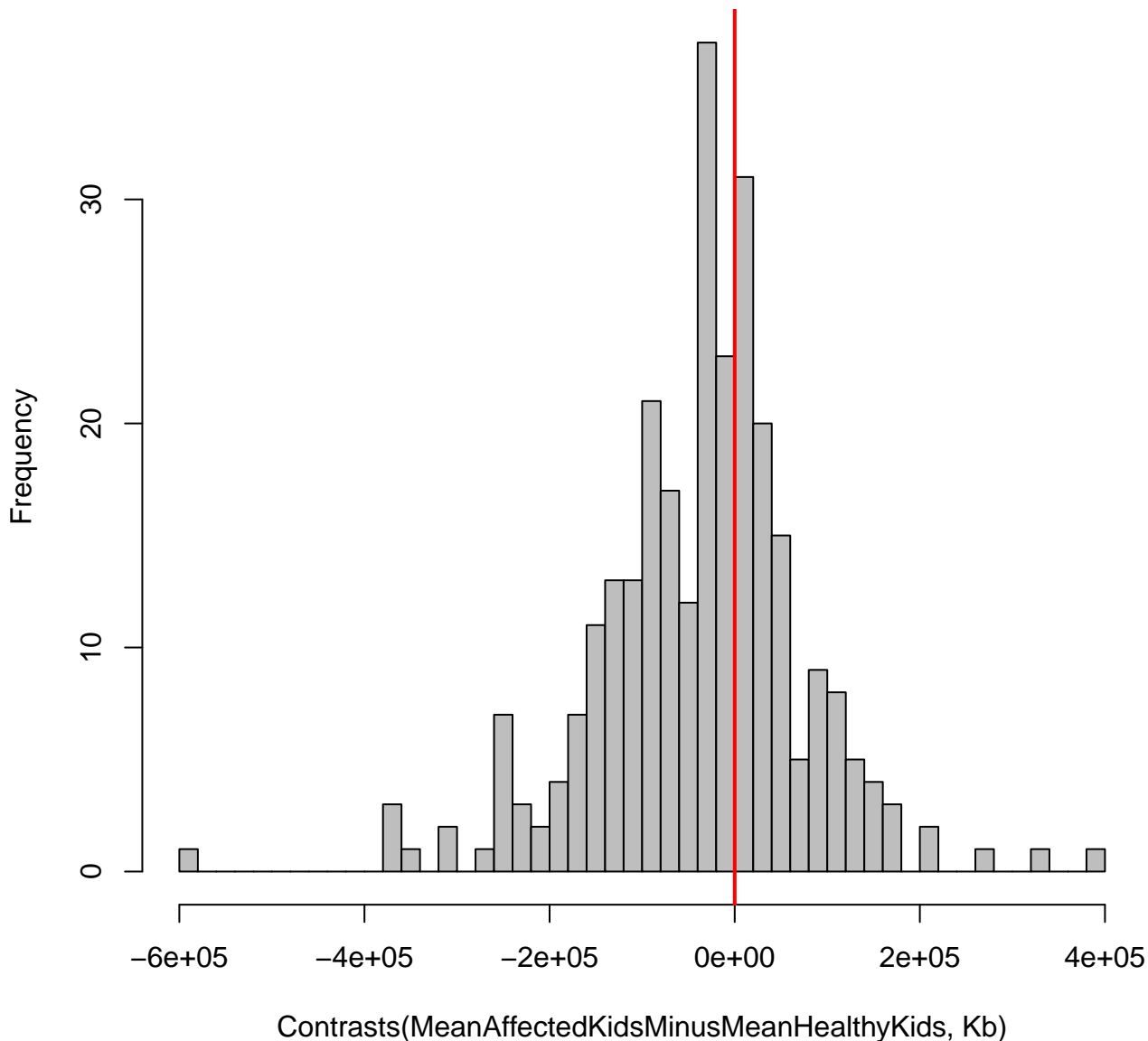
**> 23 % : ObservedMedian = −26948 , Pvalue = 4.84352086414014e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
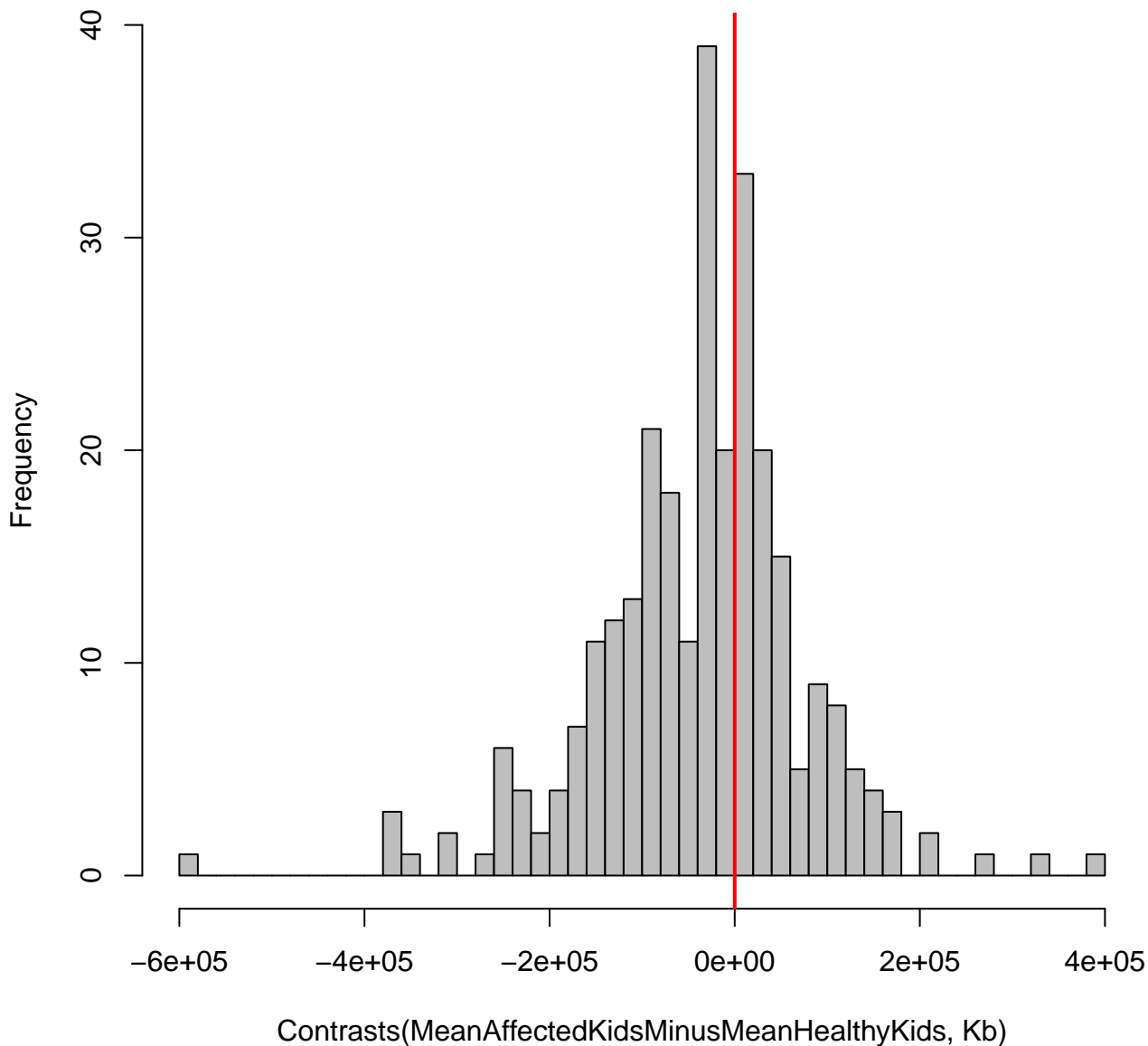
**> 24 % : ObservedMedian = −27069 , Pvalue = 4.96366945660346e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
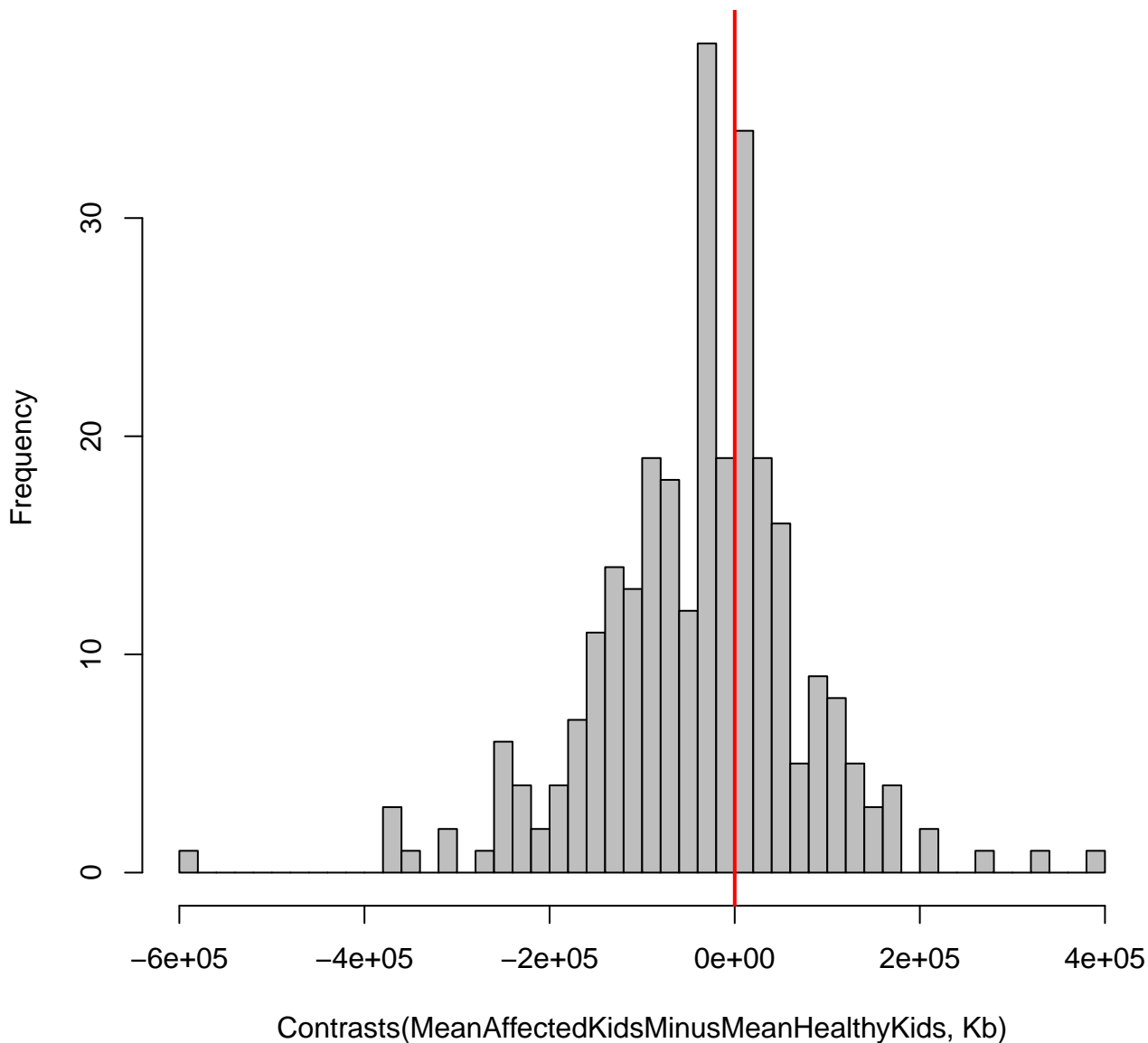
**> 25 % : ObservedMedian = −27340 , Pvalue = 4.78450855255406e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
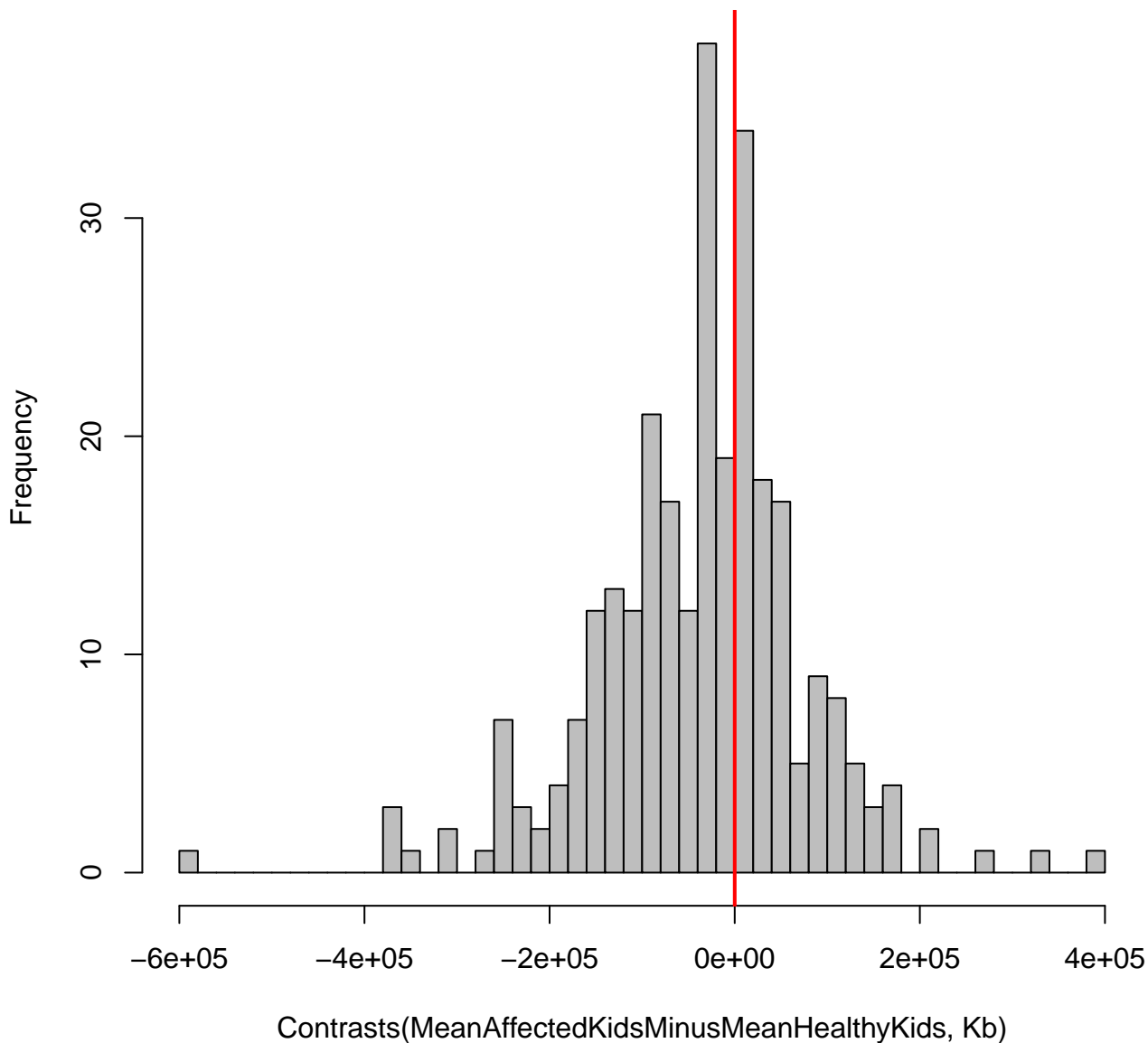
**> 26 % : ObservedMedian = −27419 , Pvalue = 4.28383520256026e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
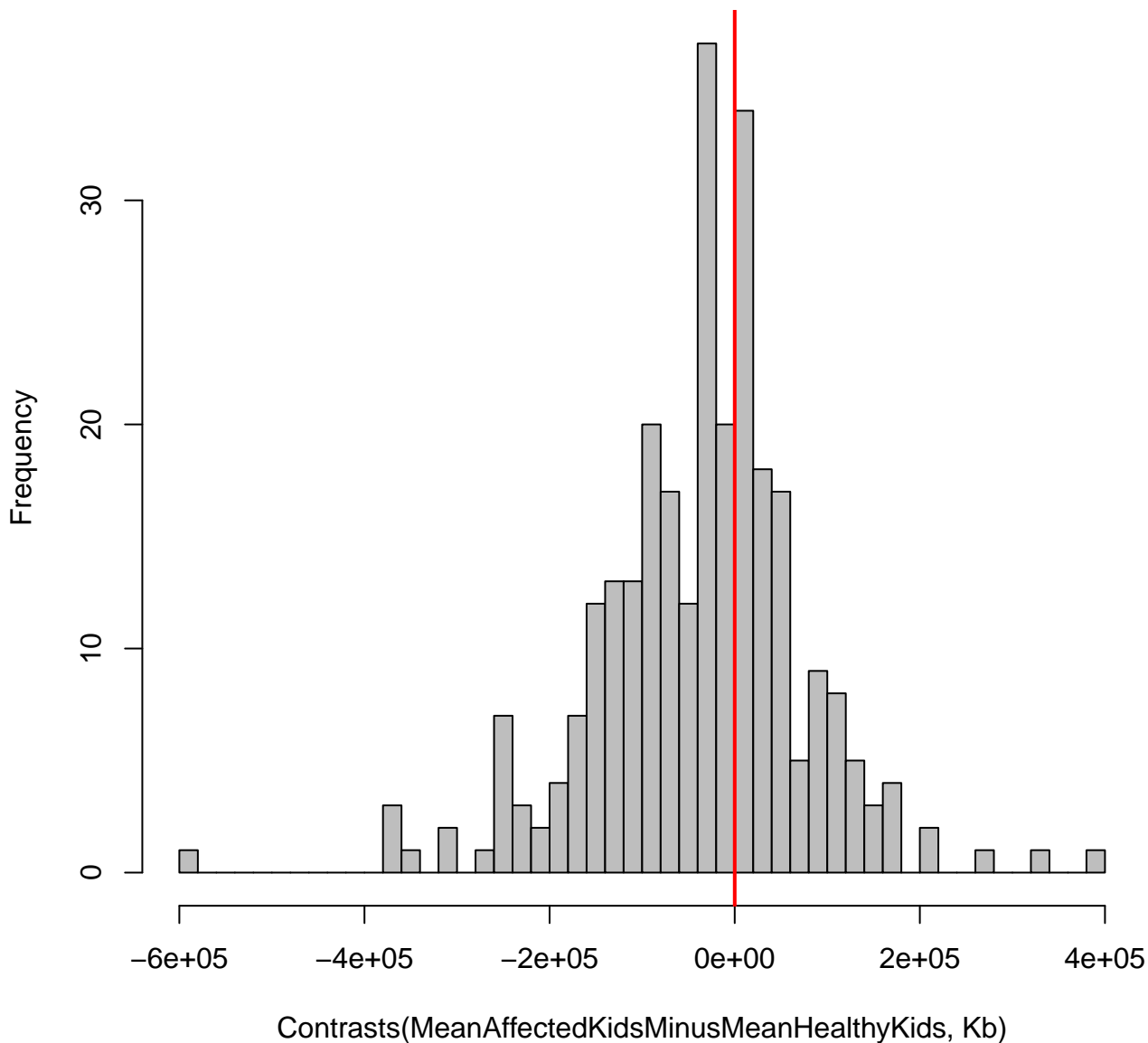
**> 27 % : ObservedMedian = −27317 , Pvalue = 4.44480064896649e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
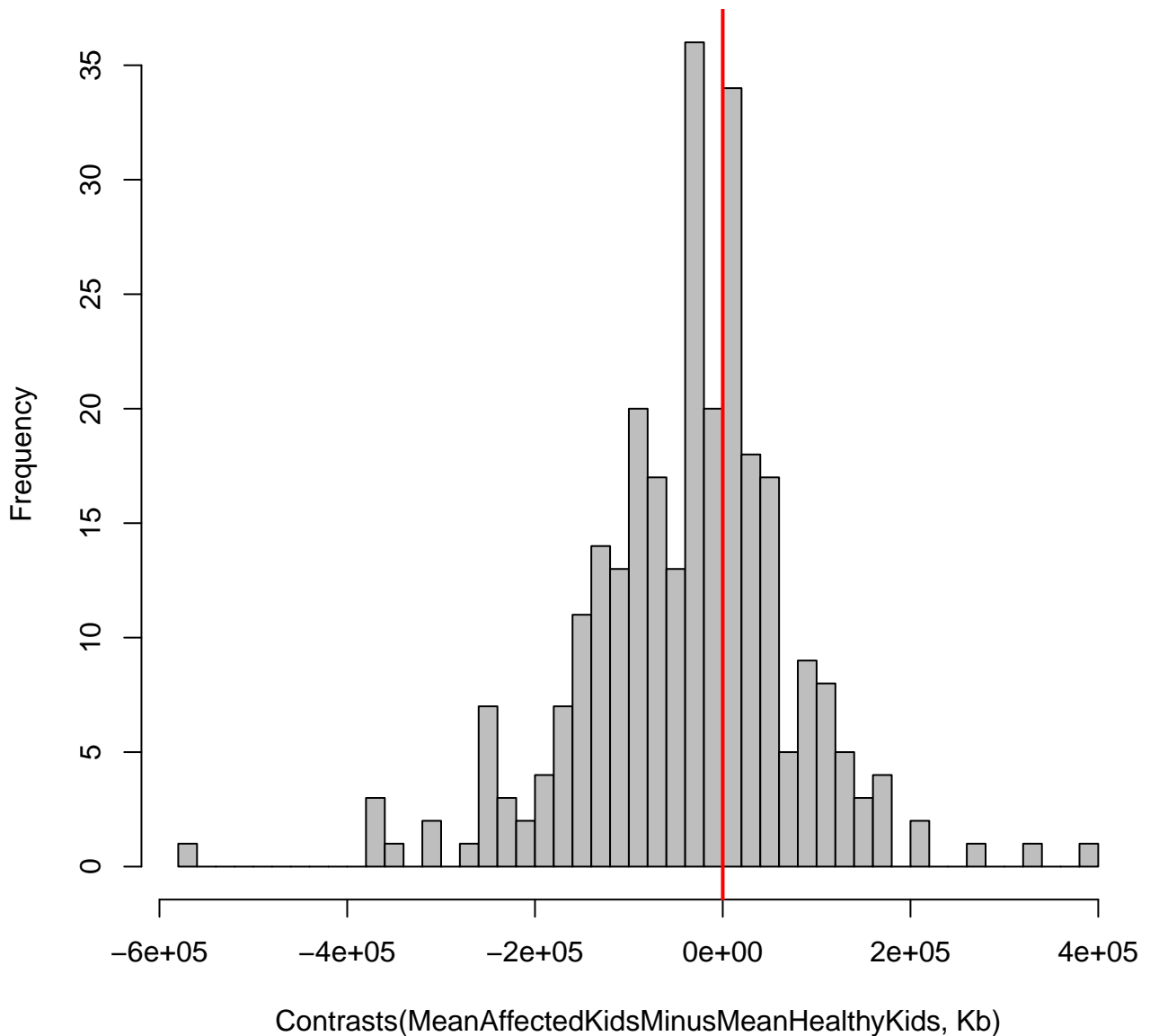
**> 28 % : ObservedMedian = −27316 , Pvalue = 4.26630299294549e−08**
**Number Of Analyzed Kids = 283**

Frequency (y-axis)

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
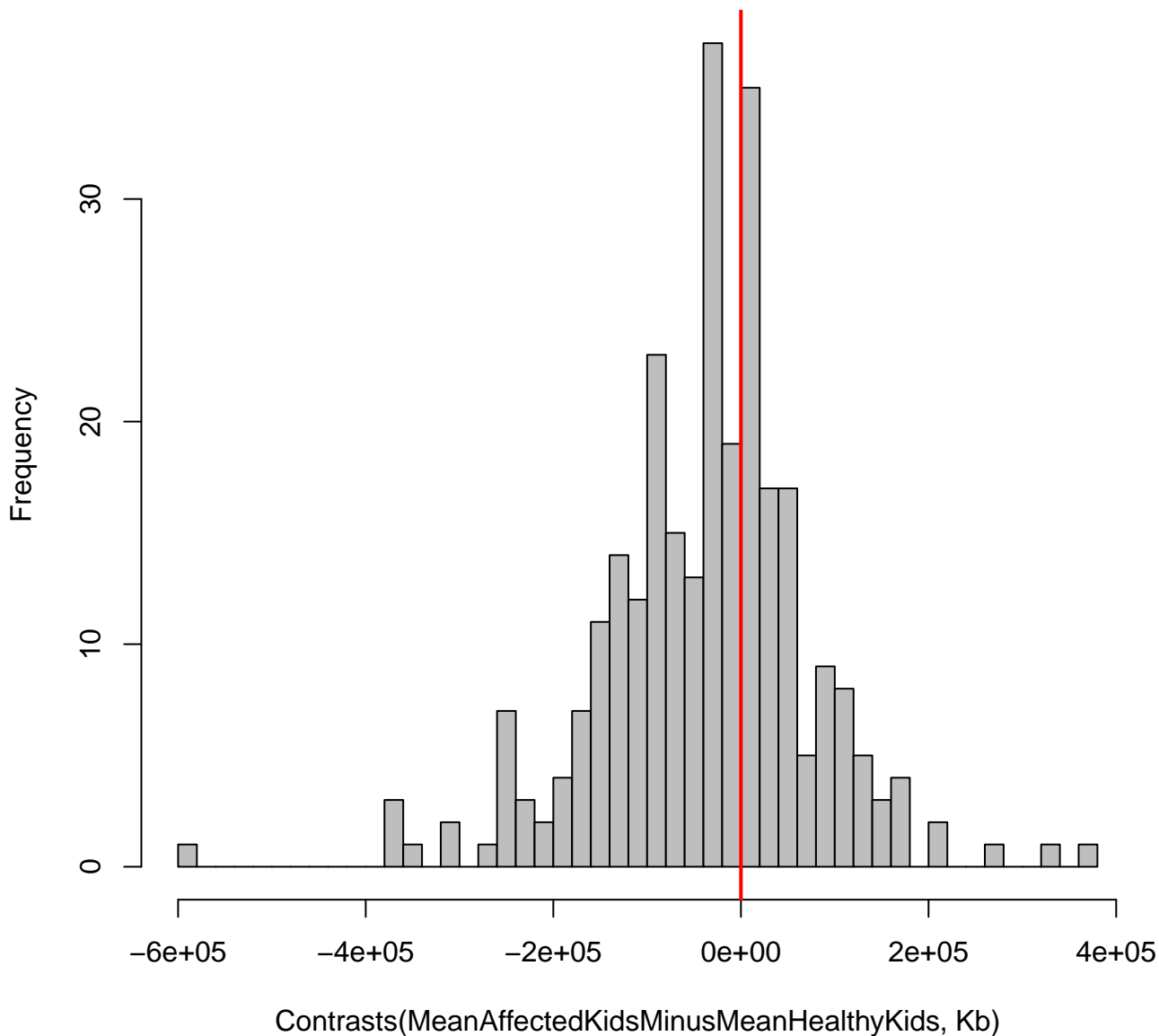
**> 29 % : ObservedMedian = −27218 , Pvalue = 4.49974735299363e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
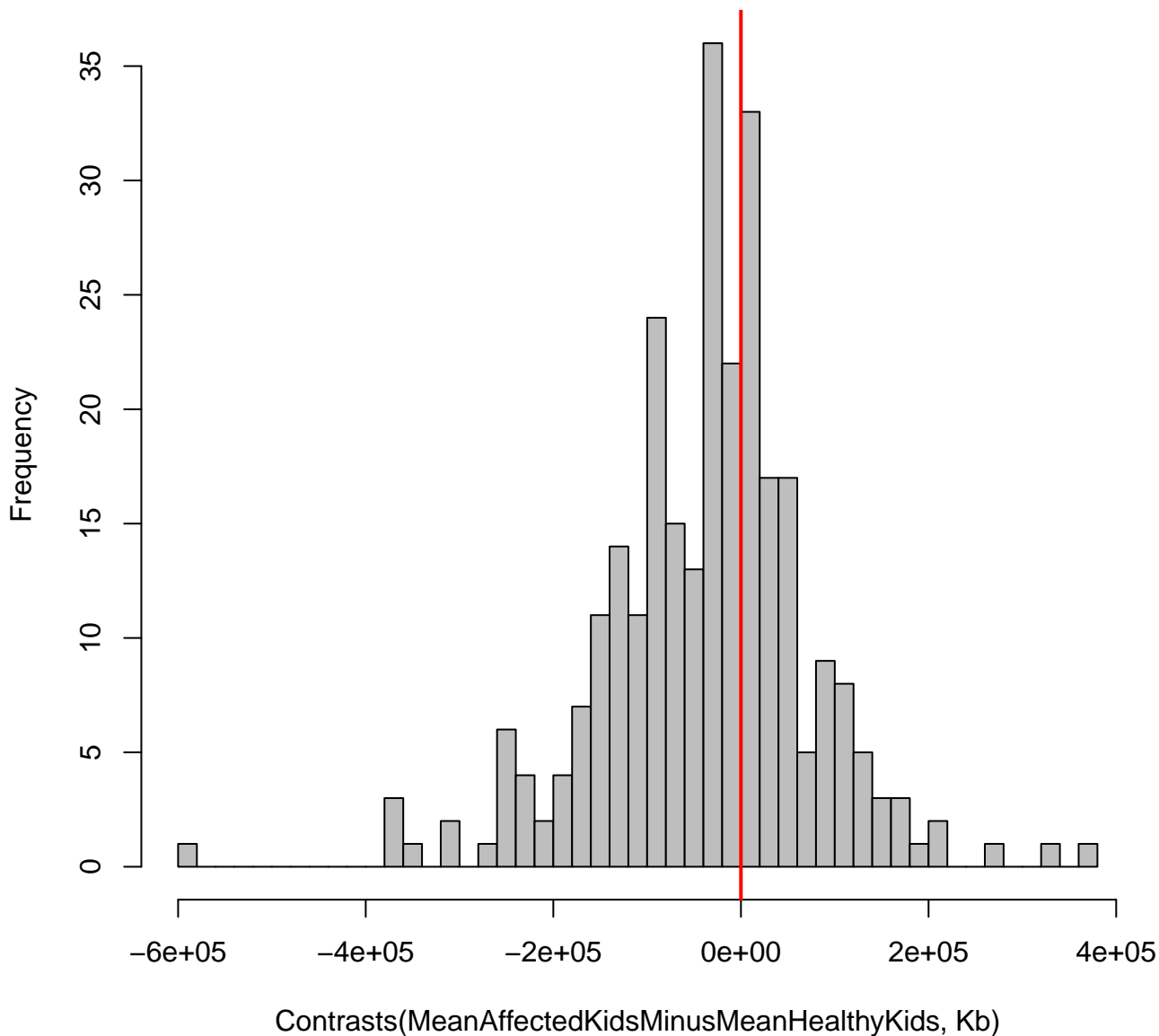
**> 30 % : ObservedMedian = −27037 , Pvalue = 4.88325372419141e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
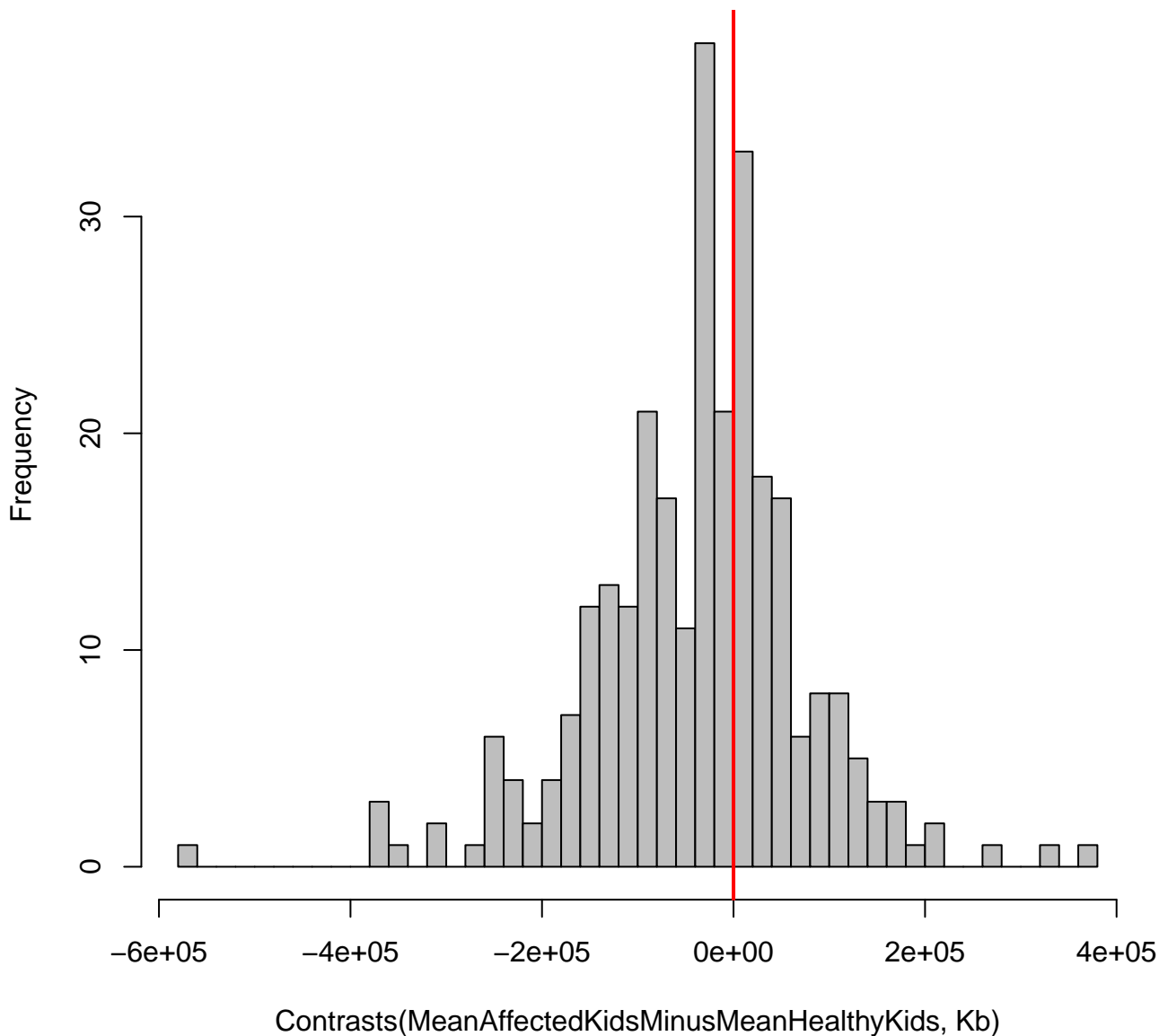
**> 31 % : ObservedMedian = −26354 , Pvalue = 5.29836100092576e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
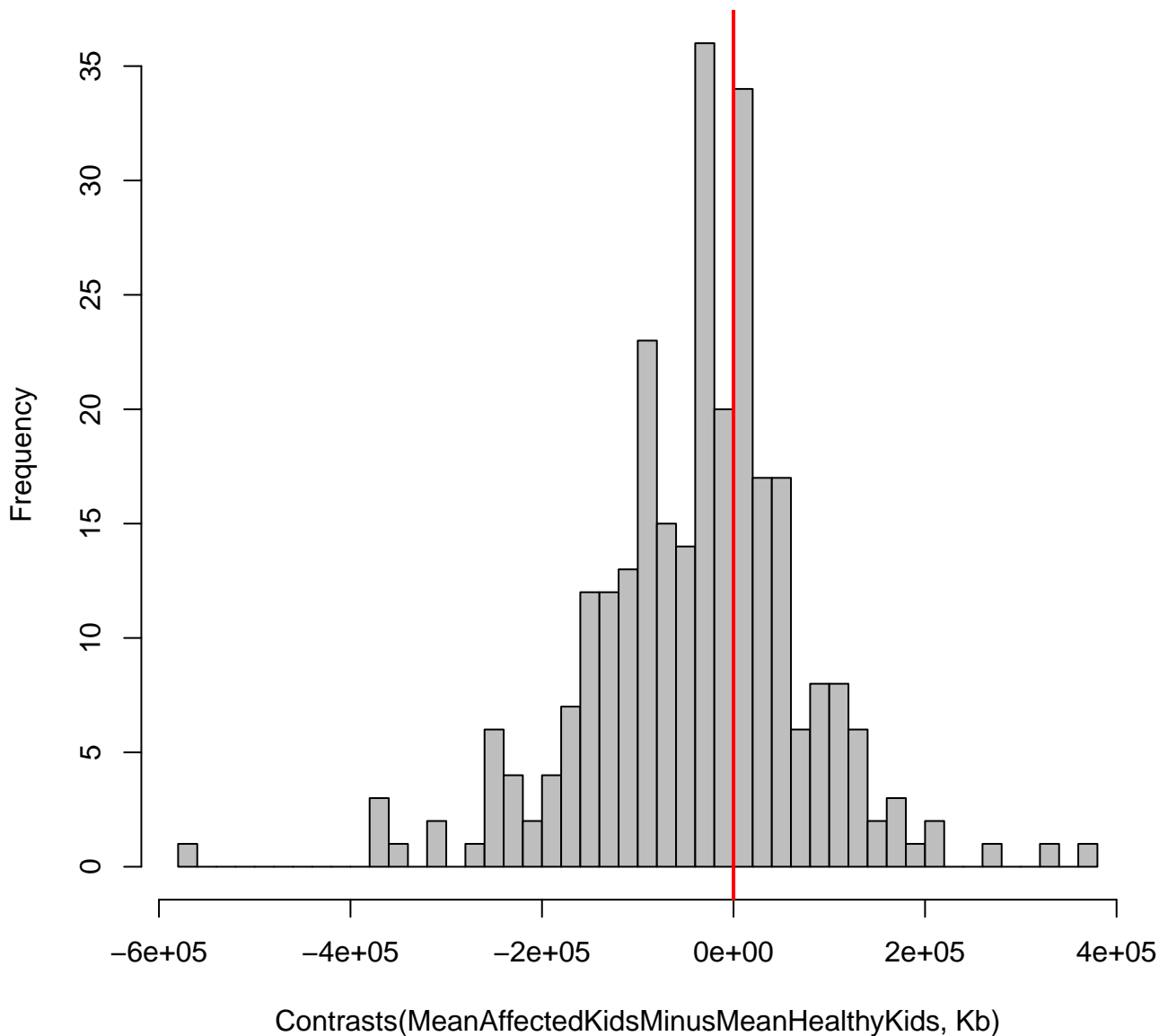
**> 32 % : ObservedMedian = −26354 , Pvalue = 4.76499311549076e−08**
**Number Of Analyzed Kids = 283**
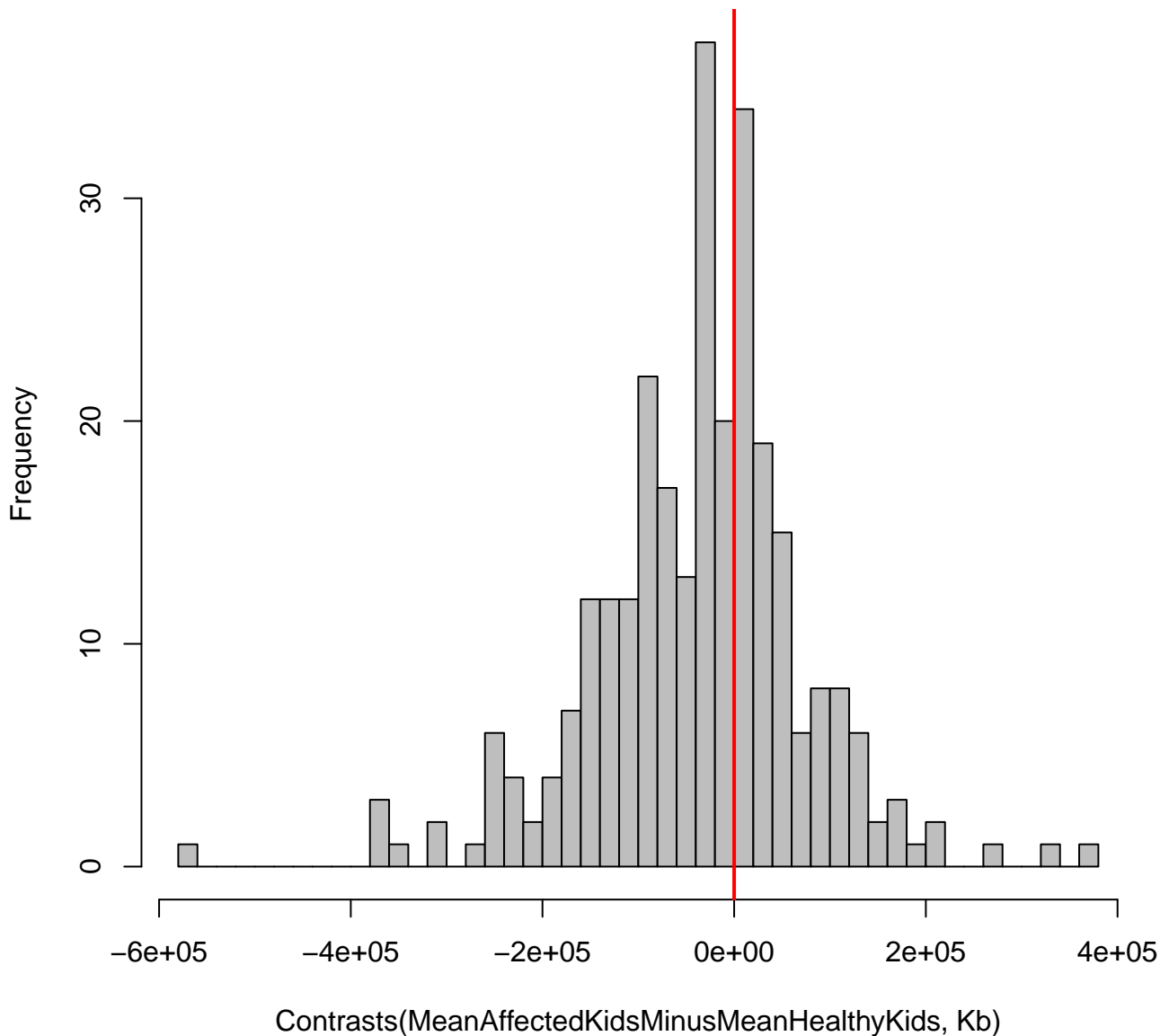
Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 33 % : ObservedMedian = −27122 , Pvalue = 4.76499311549076e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
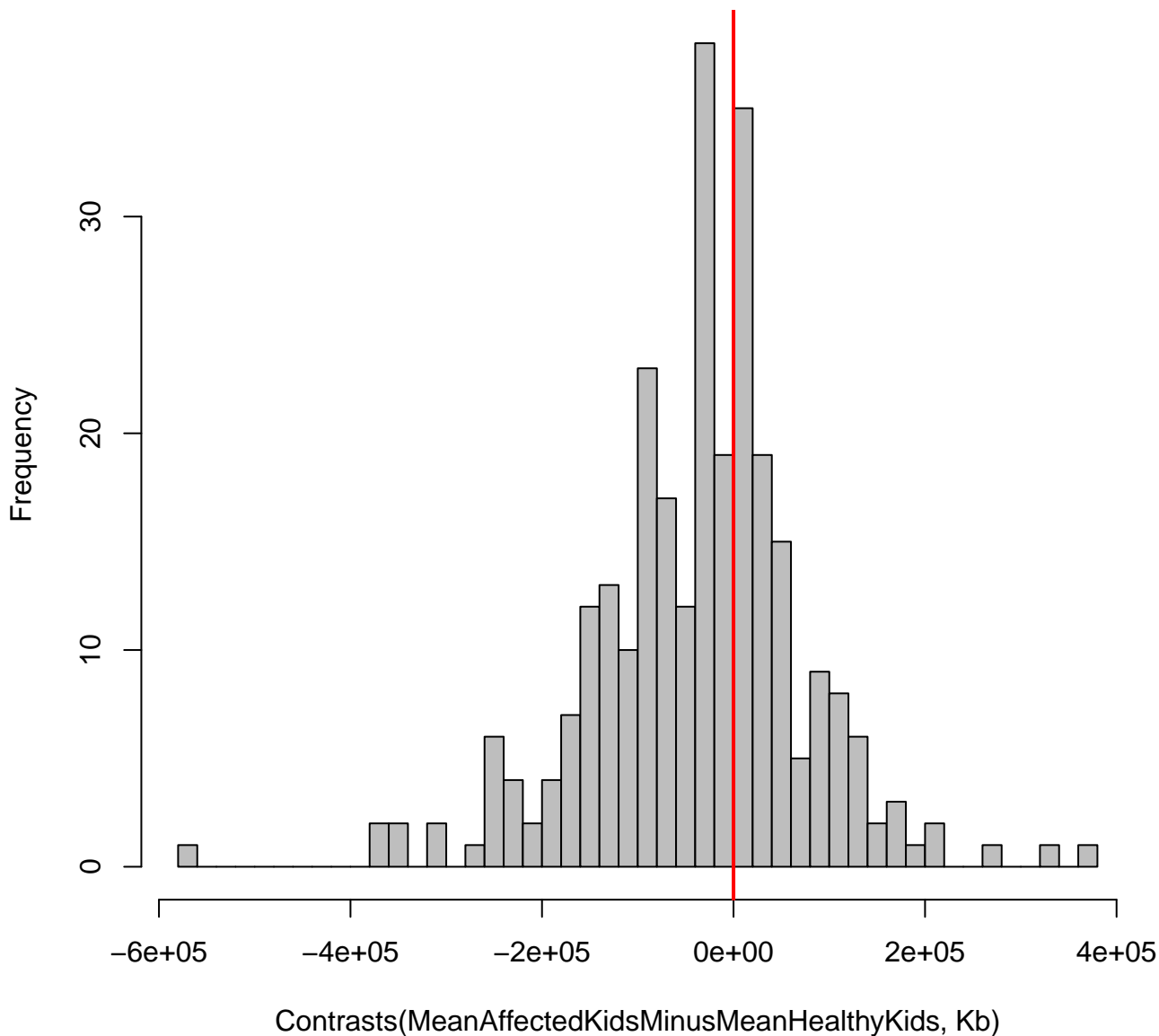
**> 34 % : ObservedMedian = −27122 , Pvalue = 3.865801685728e−08**
**Number Of Analyzed Kids = 283**

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
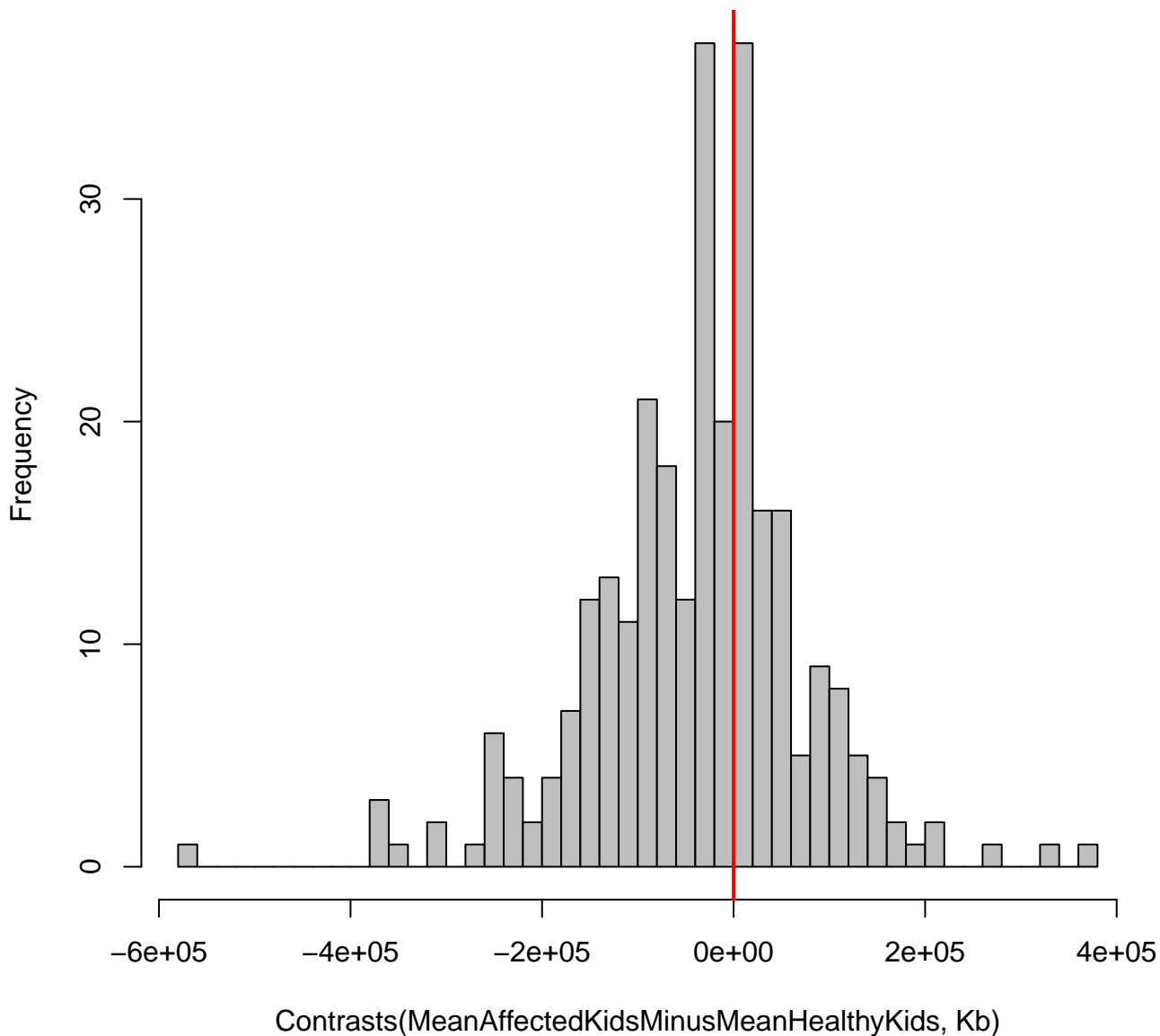
**> 35 % : ObservedMedian = −26969 , Pvalue = 3.41620807445337e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
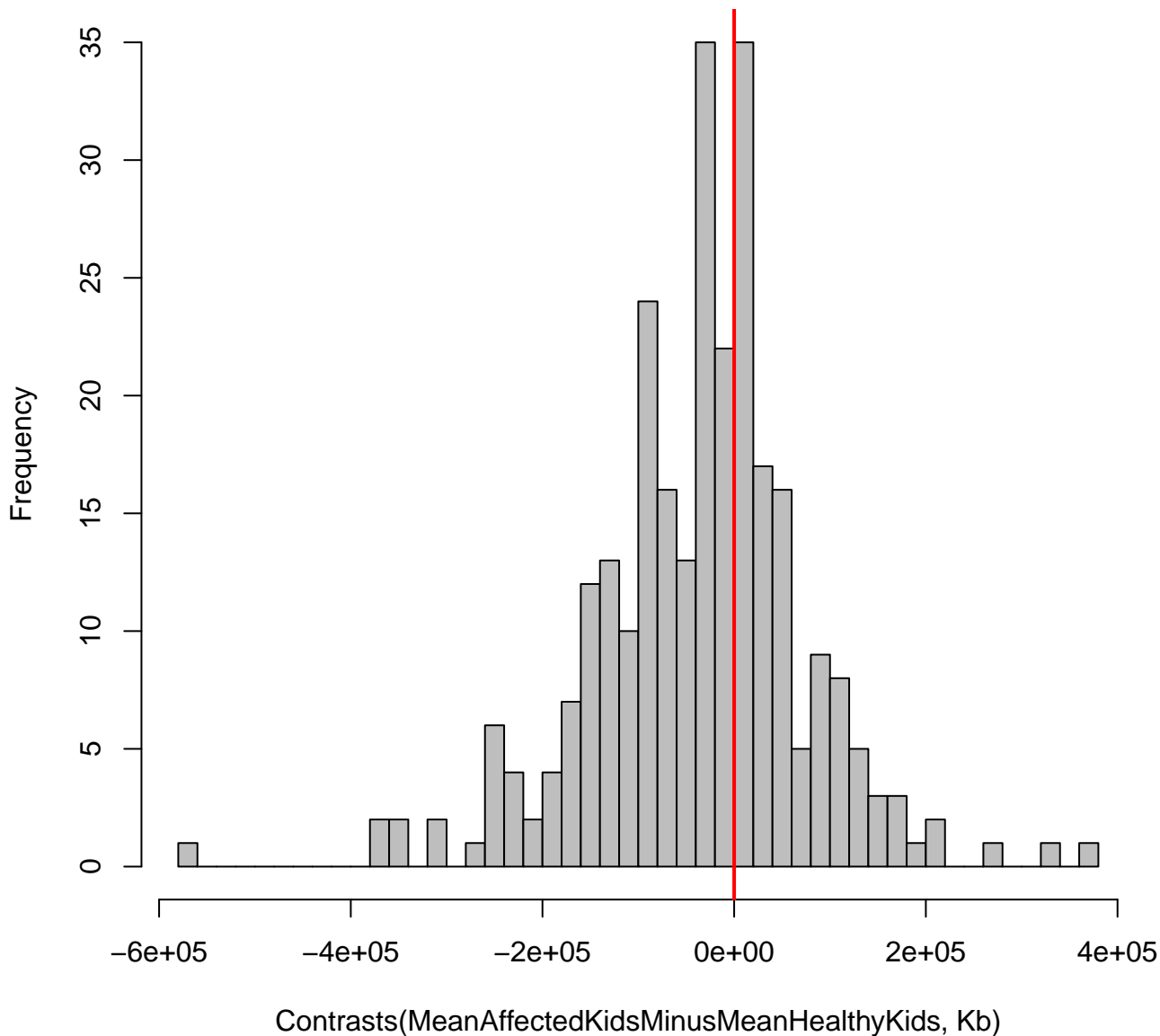
**> 36 % : ObservedMedian = −27115 , Pvalue = 3.66434366647133e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
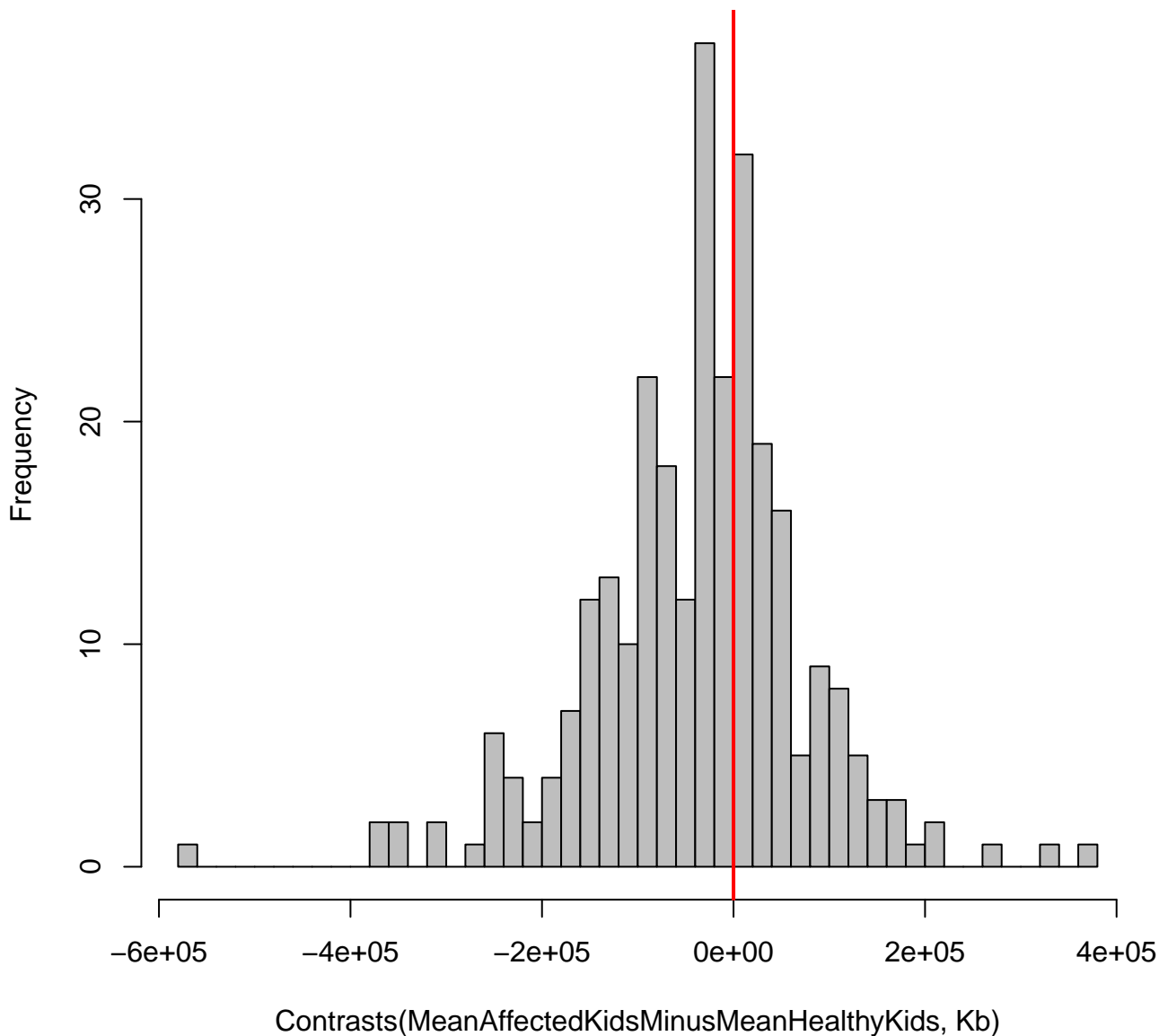
**> 37 % : ObservedMedian = −26969 , Pvalue = 3.14511323847506e−08**
**Number Of Analyzed Kids = 283**

Frequency

−6e+05   −4e+05   −2e+05   0e+00   2e+05   4e+05

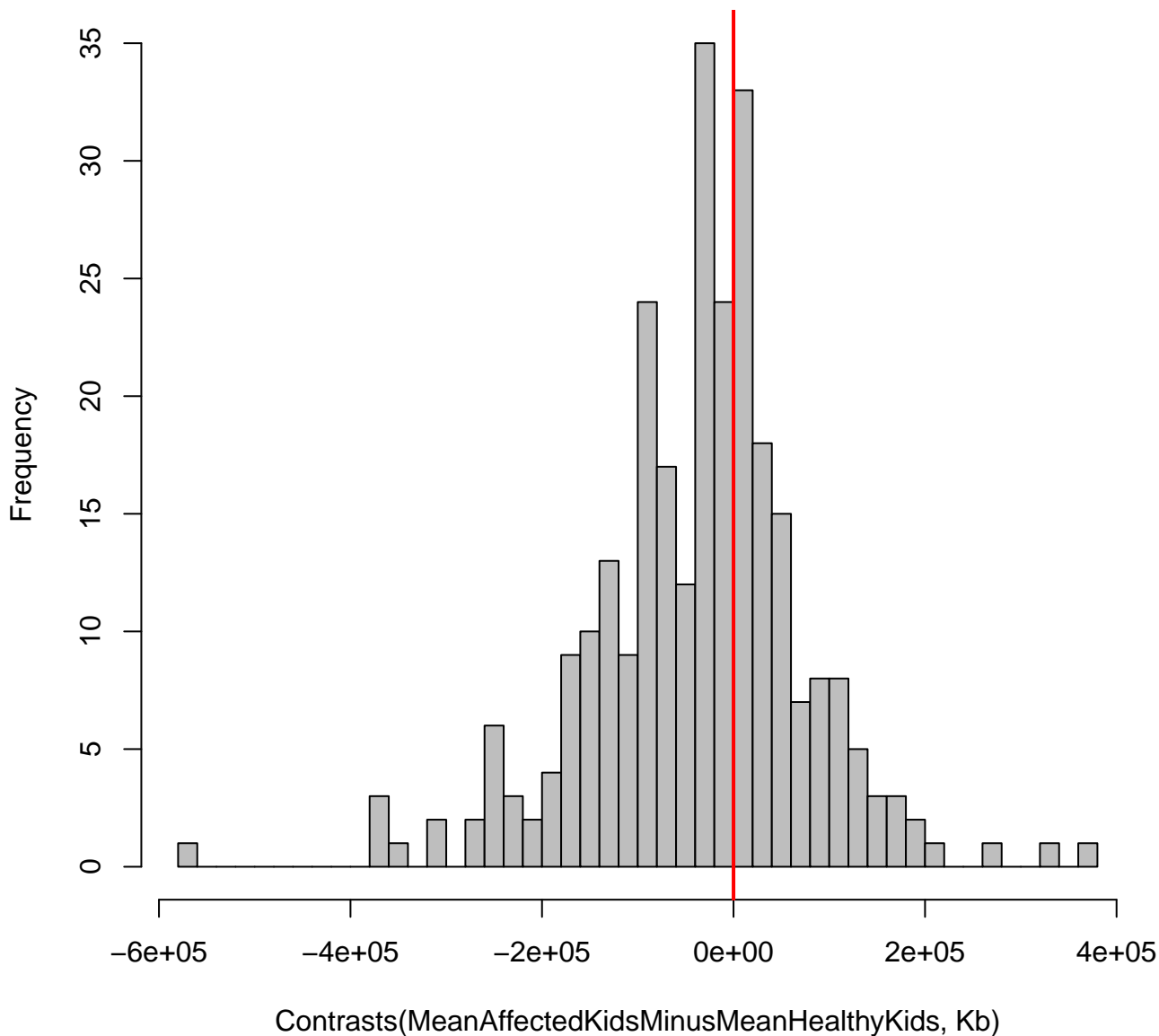Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
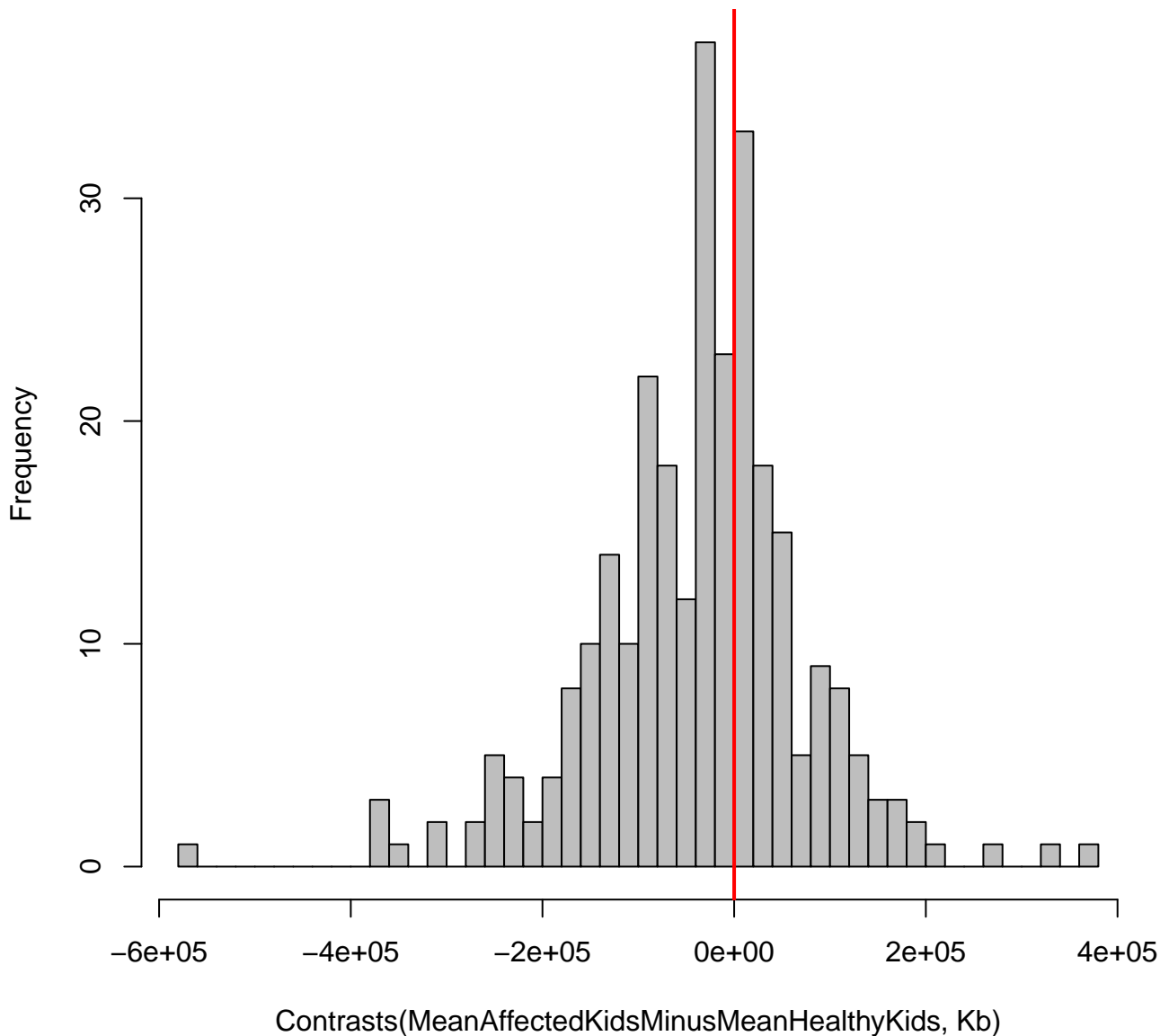
**> 38 % : ObservedMedian = −26904 , Pvalue = 3.08067141708155e−08**
**Number Of Analyzed Kids = 283**
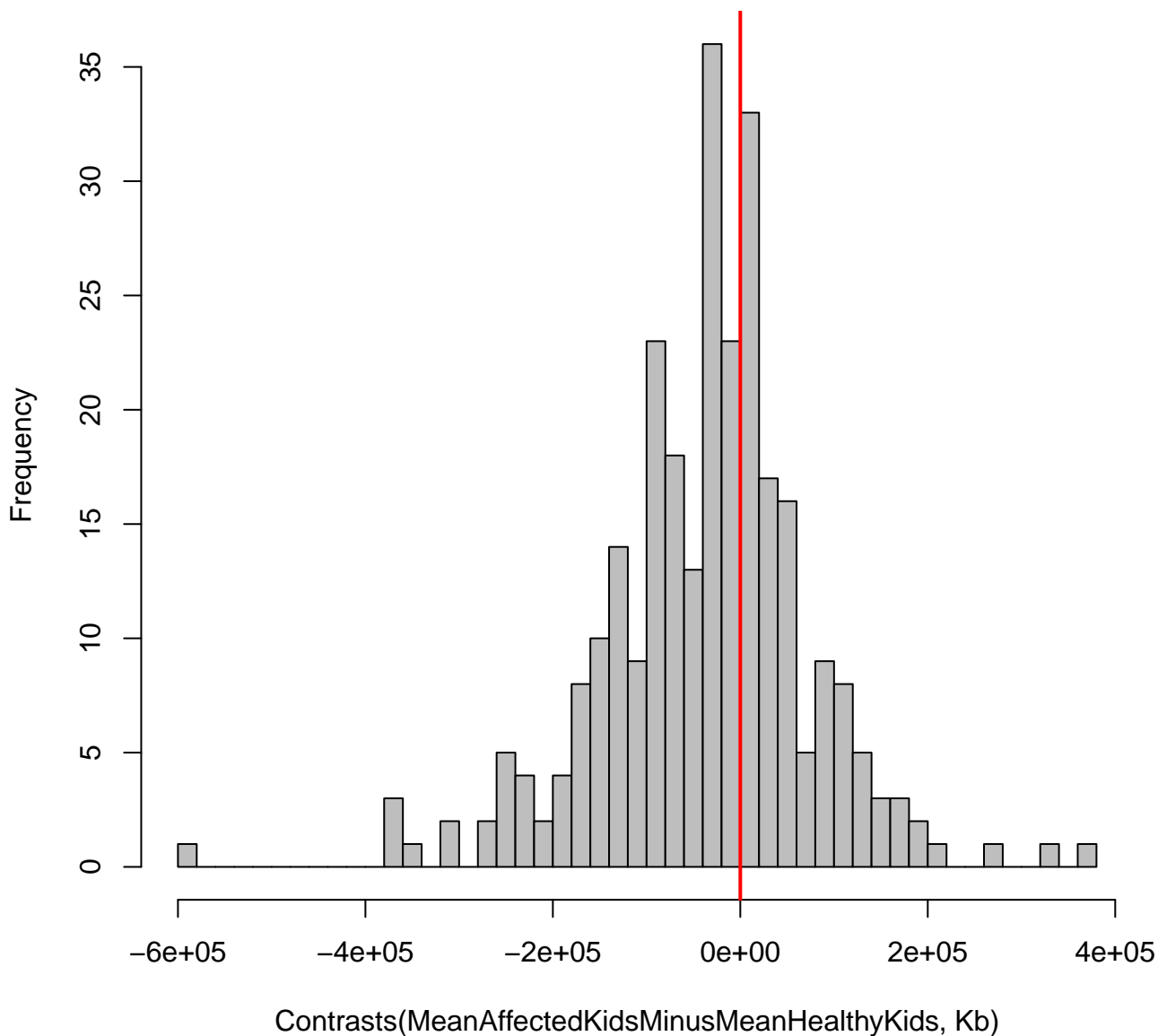
**> 39 % : ObservedMedian = −26013 , Pvalue = 3.43034168707667e−08**
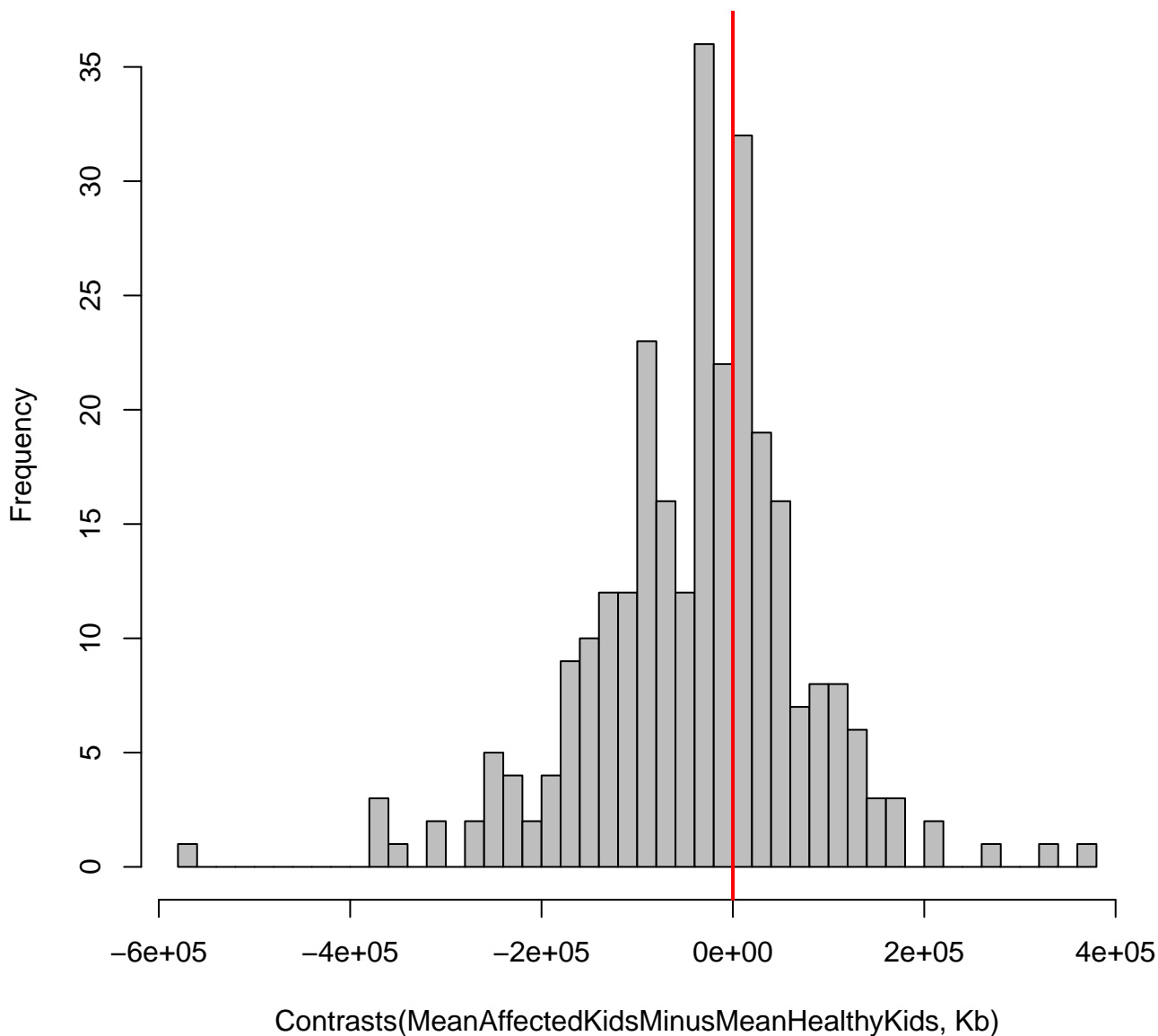**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
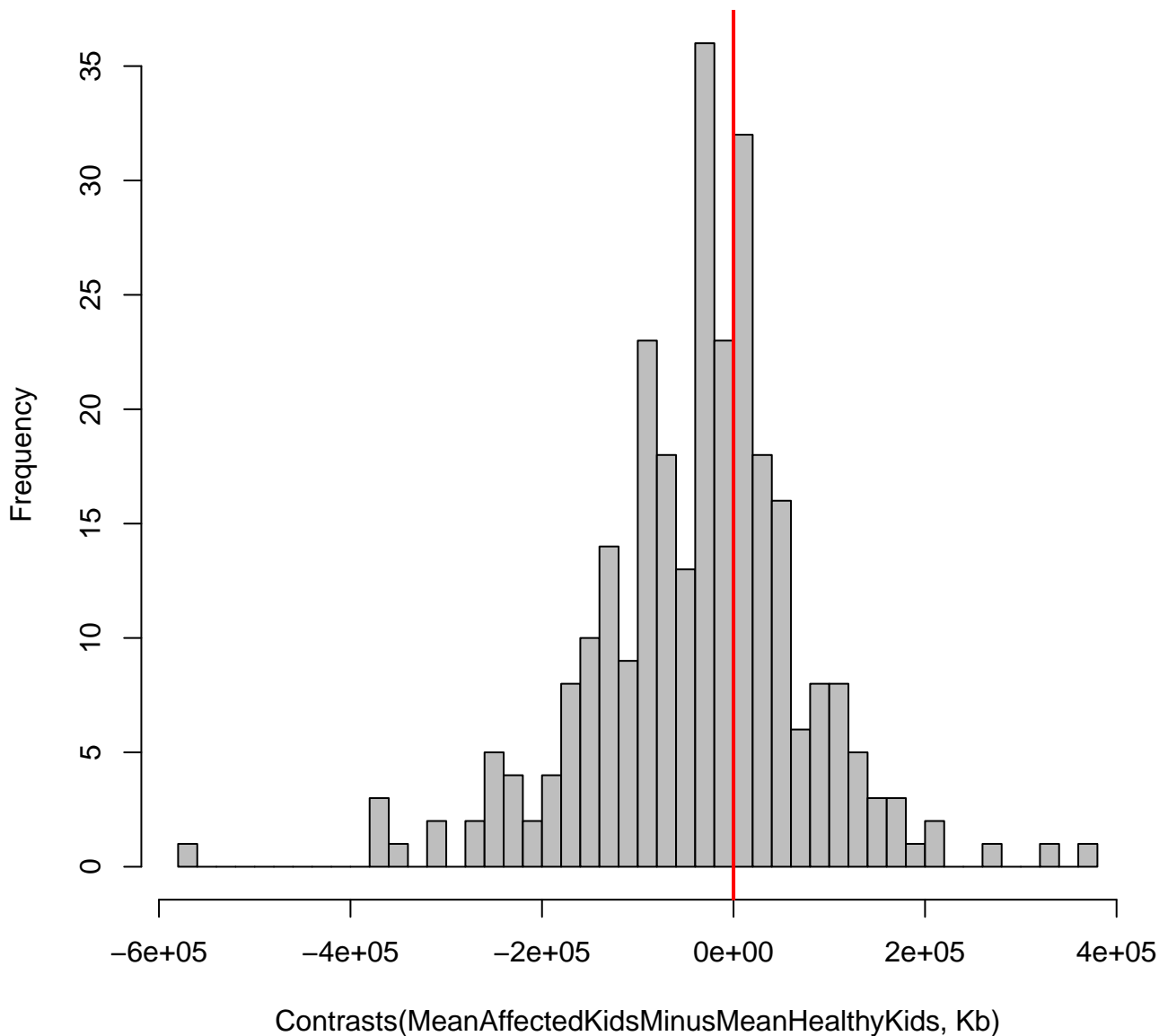
**> 40 % : ObservedMedian = −26753 , Pvalue = 3.25094912521724e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
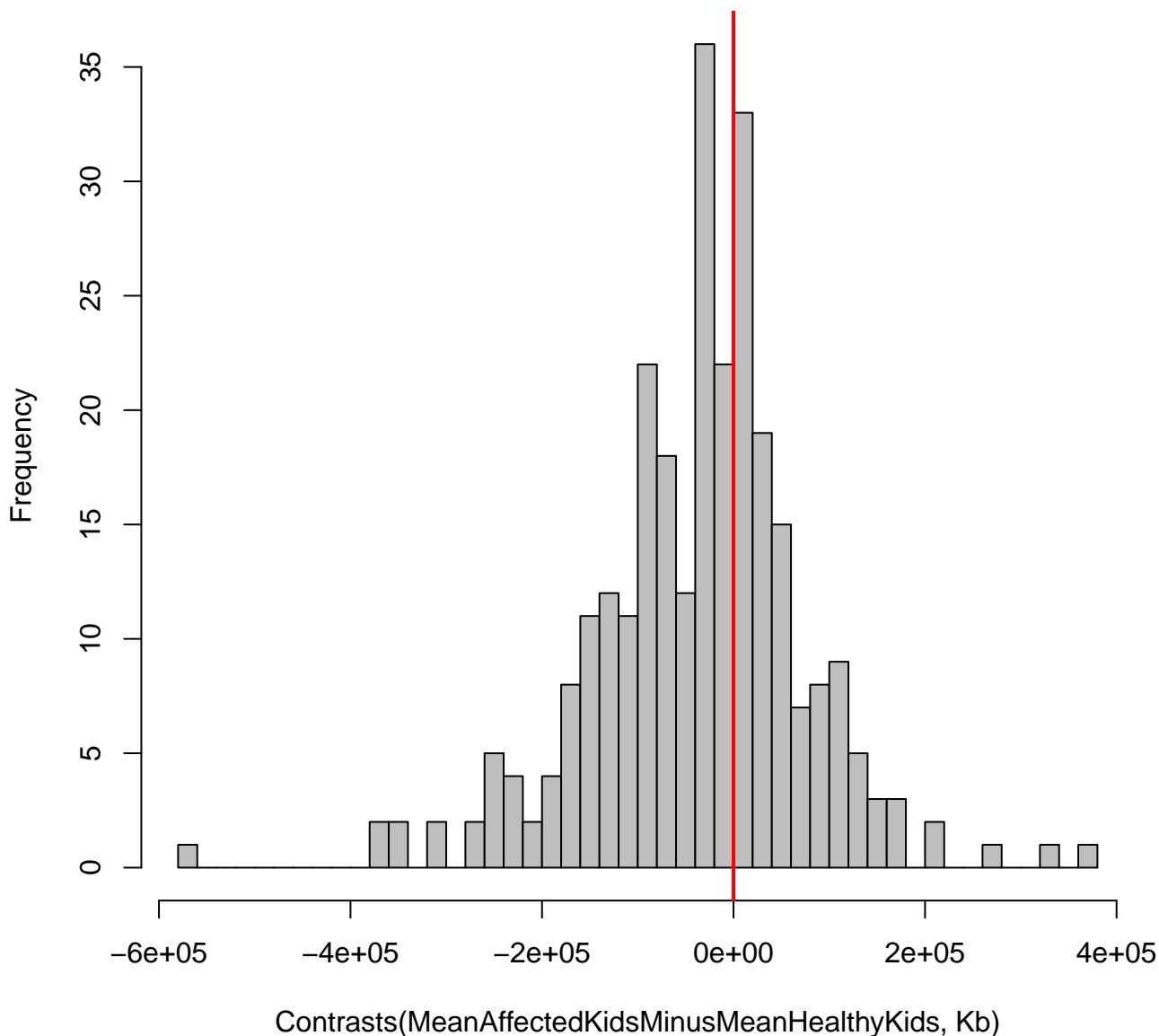
**> 41 % : ObservedMedian = −27122 , Pvalue = 3.33258509124162e−08**
**Number Of Analyzed Kids = 283**
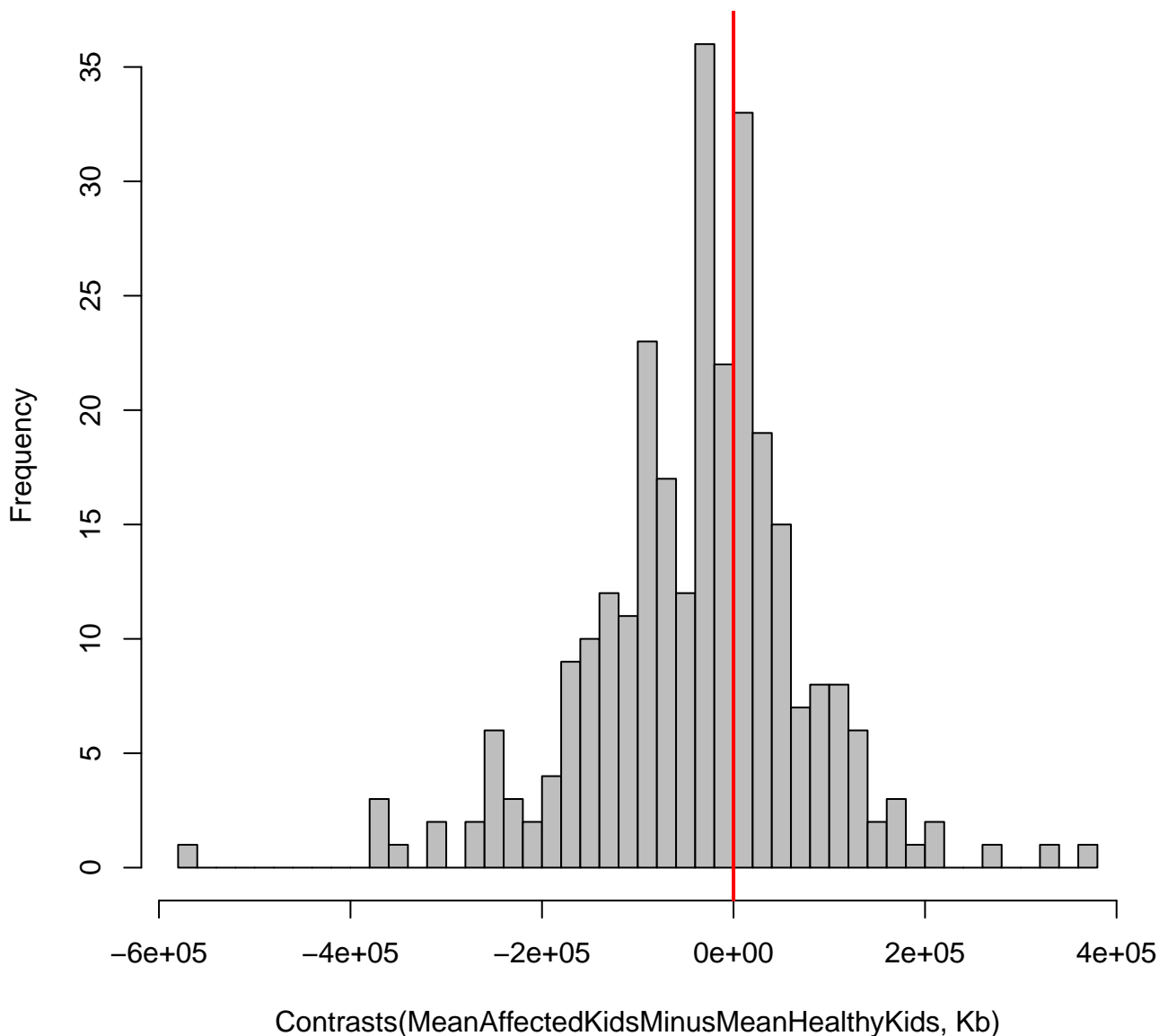
**> 42 % : ObservedMedian = −27133 , Pvalue = 3.36023635268152e−08**
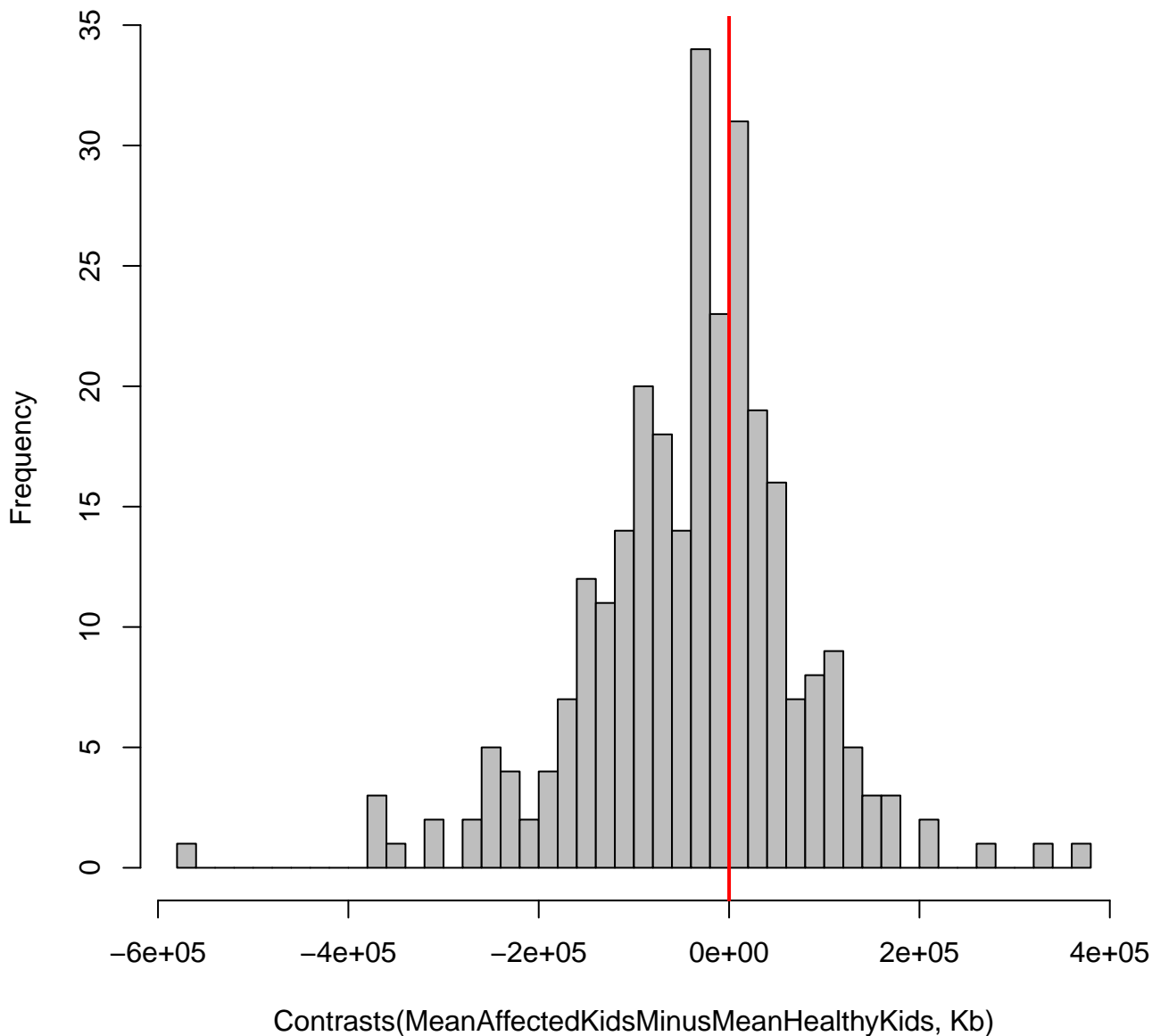**Number Of Analyzed Kids = 283**

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 43 % : ObservedMedian = −27239 , Pvalue = 3.25094912521724e−08**
**Number Of Analyzed Kids = 283**

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 44 % : ObservedMedian = −27587 , Pvalue = 3.31884235658914e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
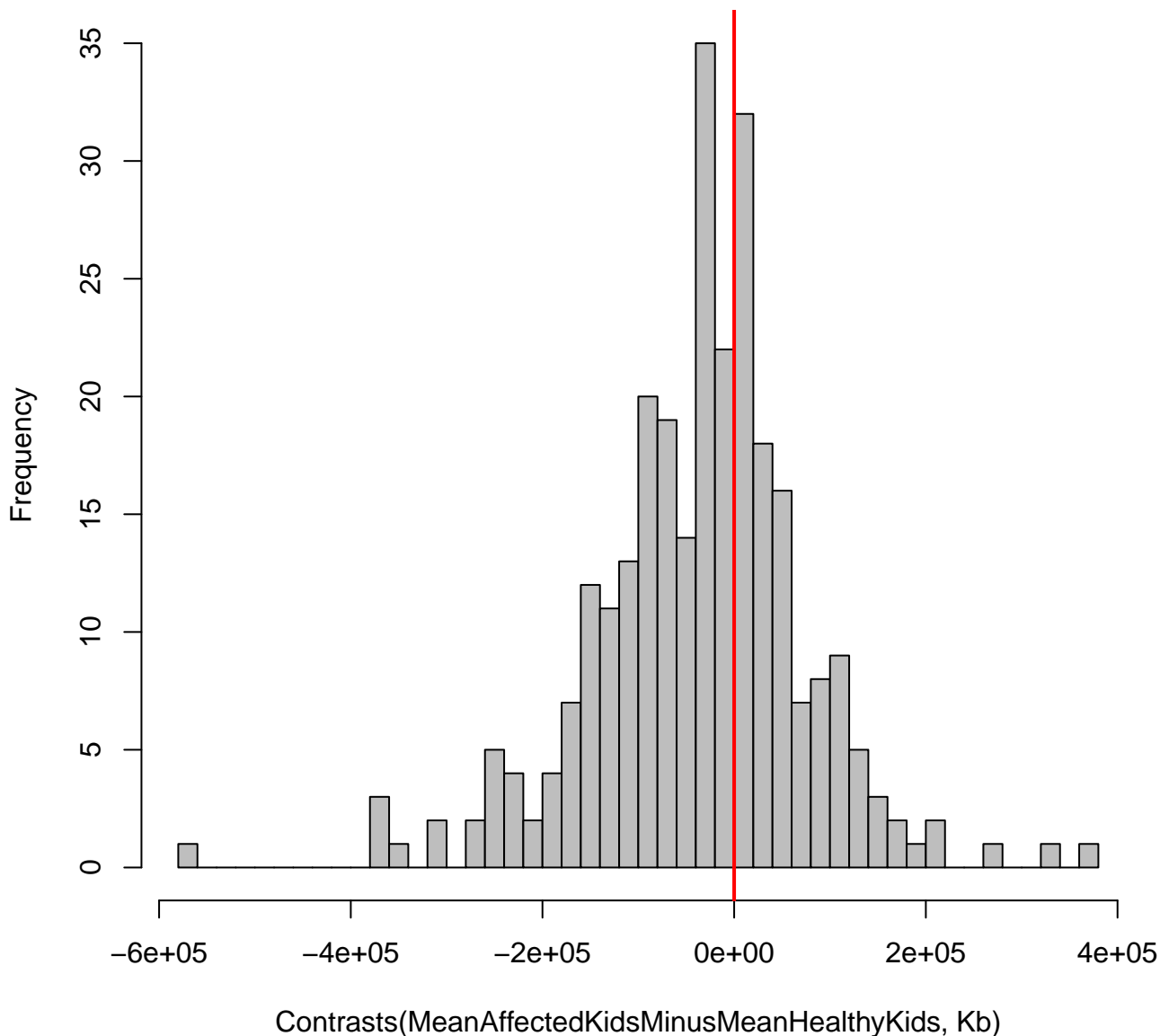
> 45 % : ObservedMedian = −27922 , Pvalue = 3.69466058399594e−08
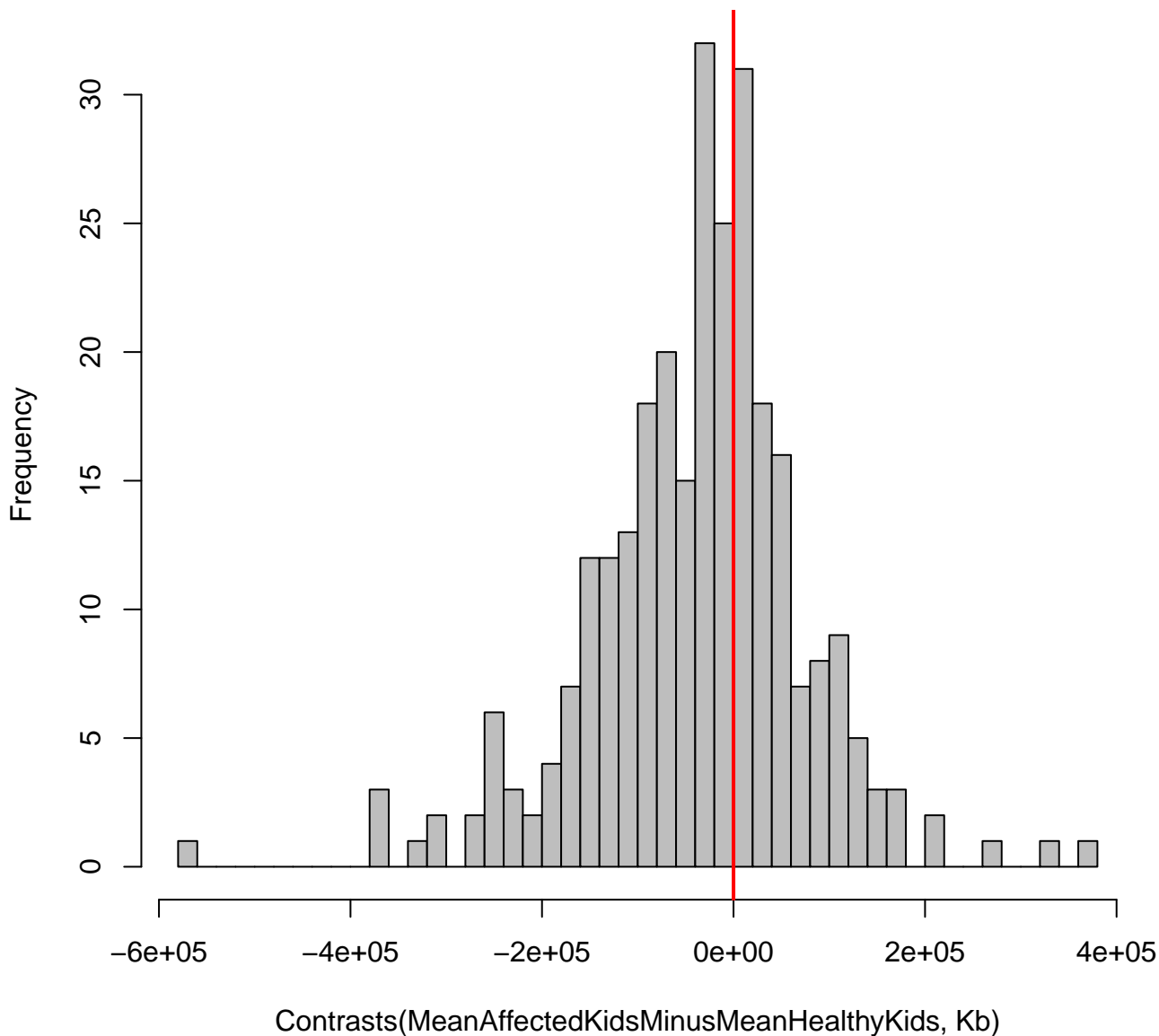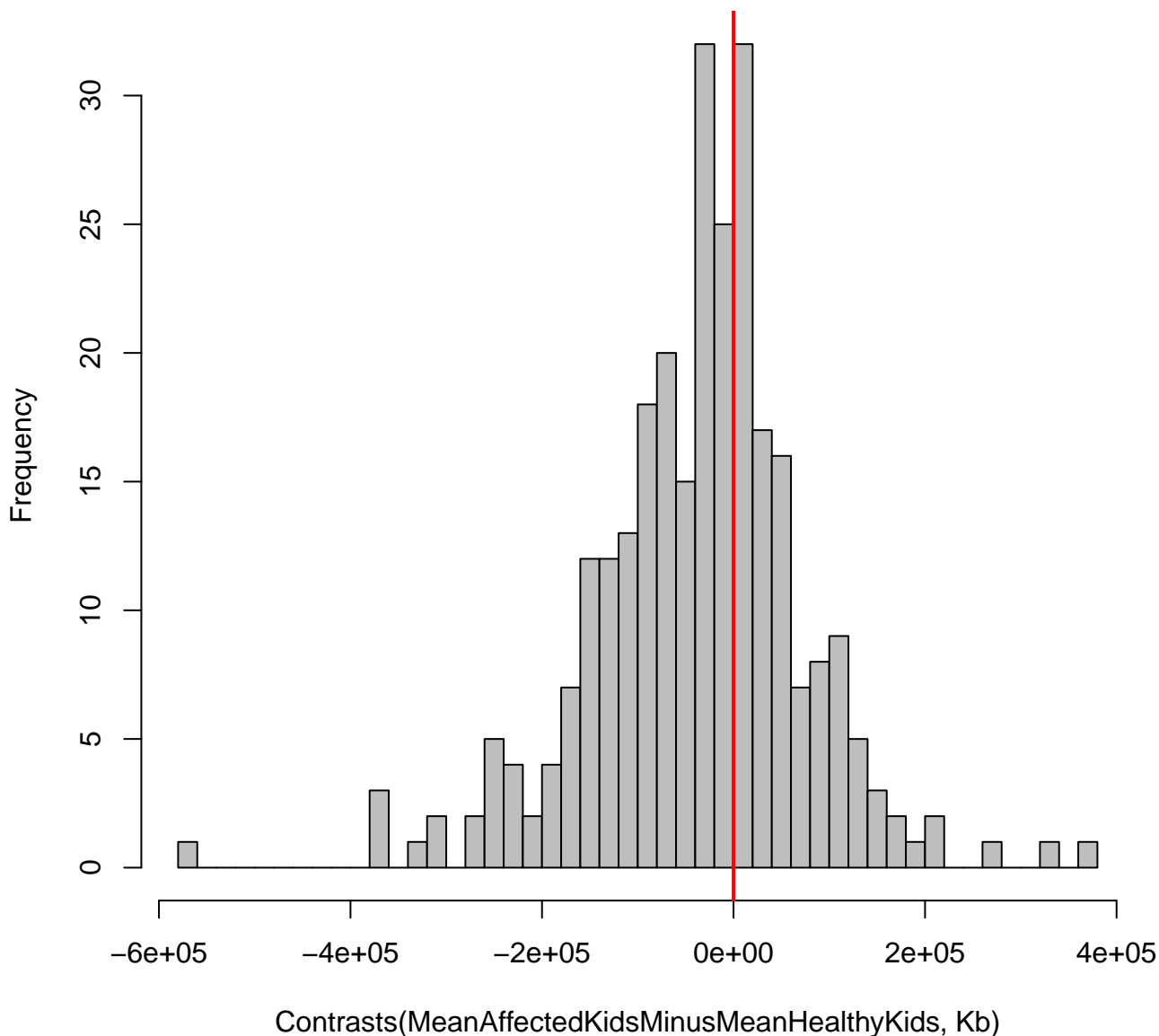Number Of Analyzed Kids = 283

**> 46 % : ObservedMedian = −27531 , Pvalue = 3.51634200508127e−08**
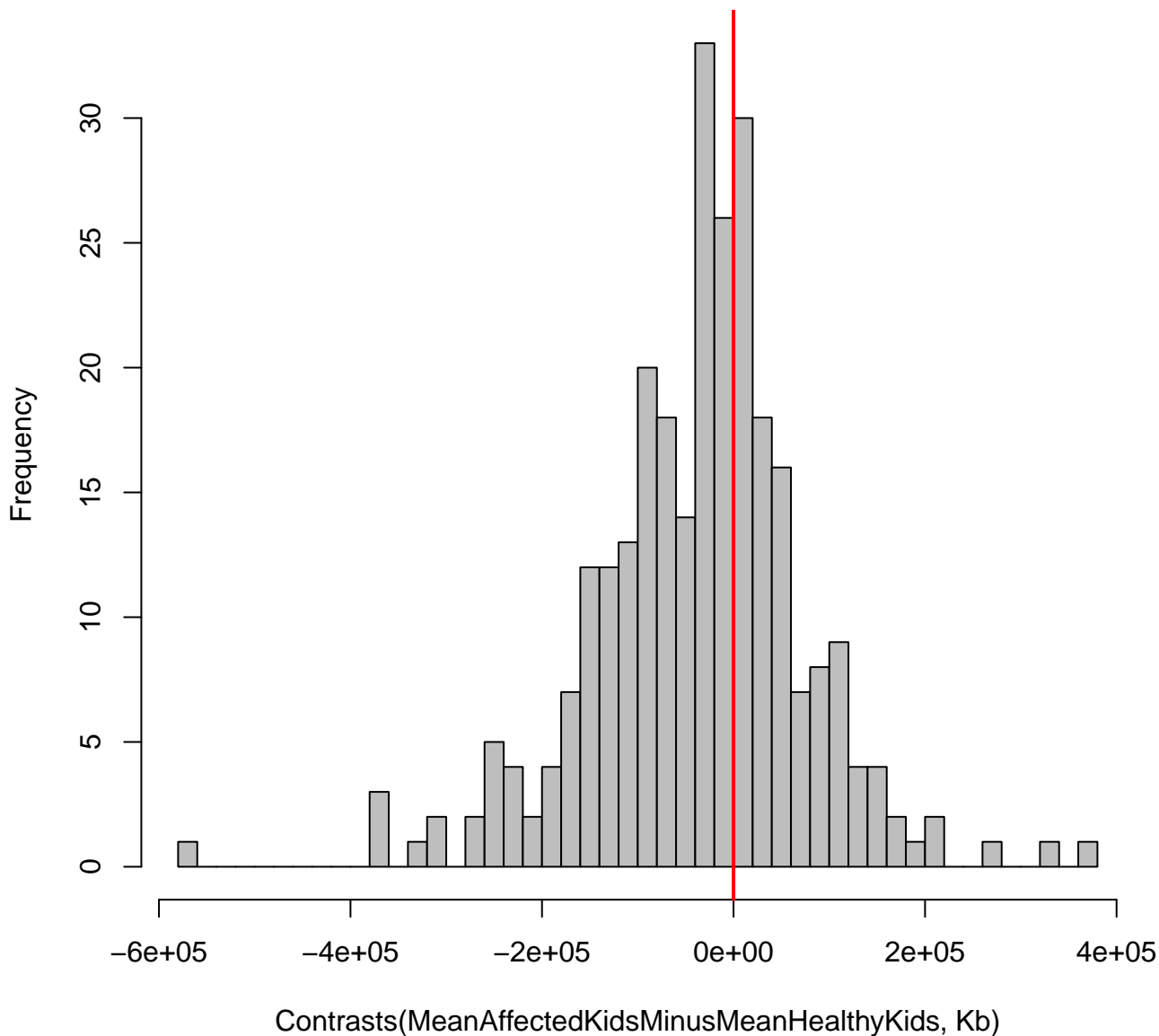**Number Of Analyzed Kids = 283**
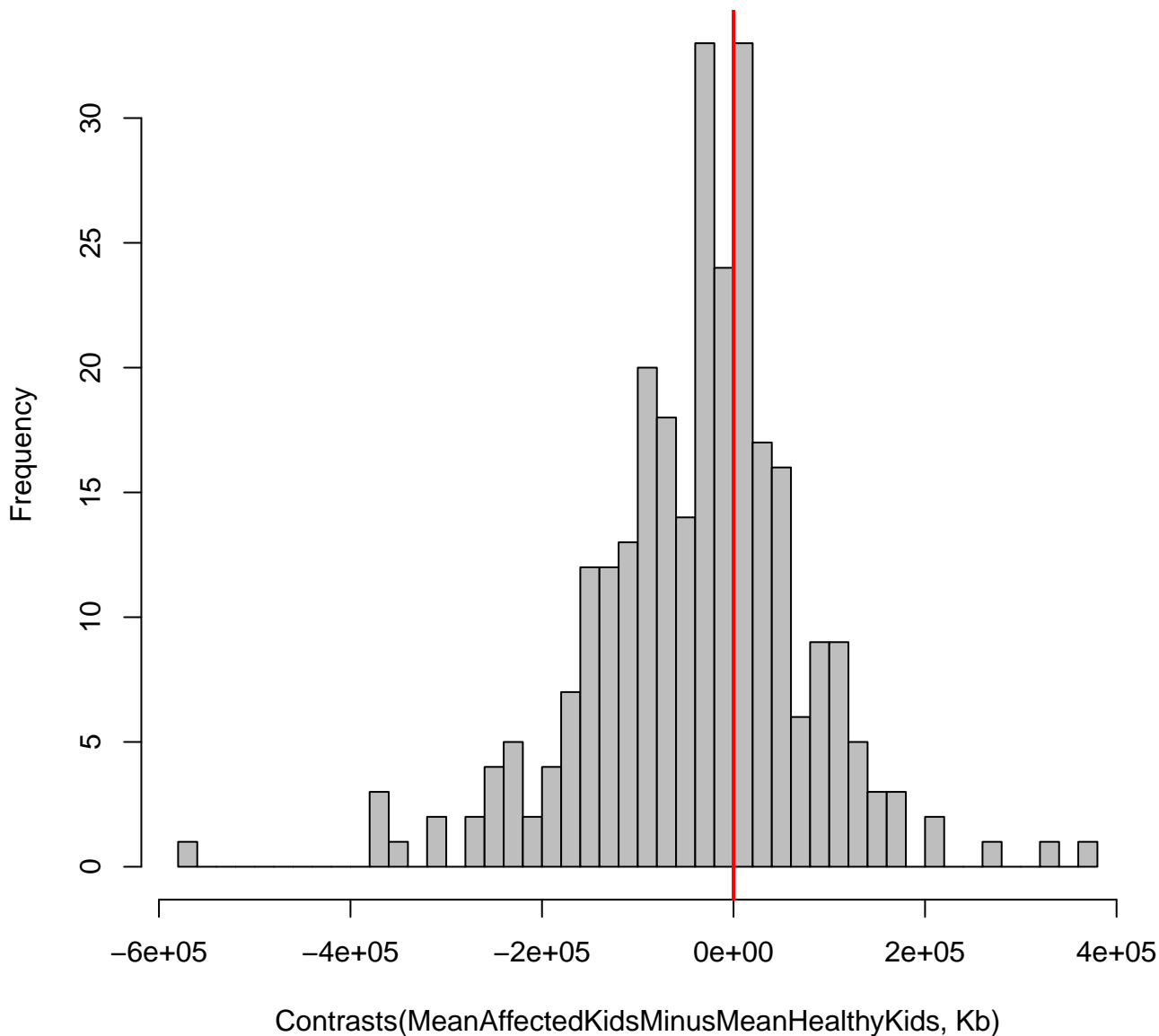
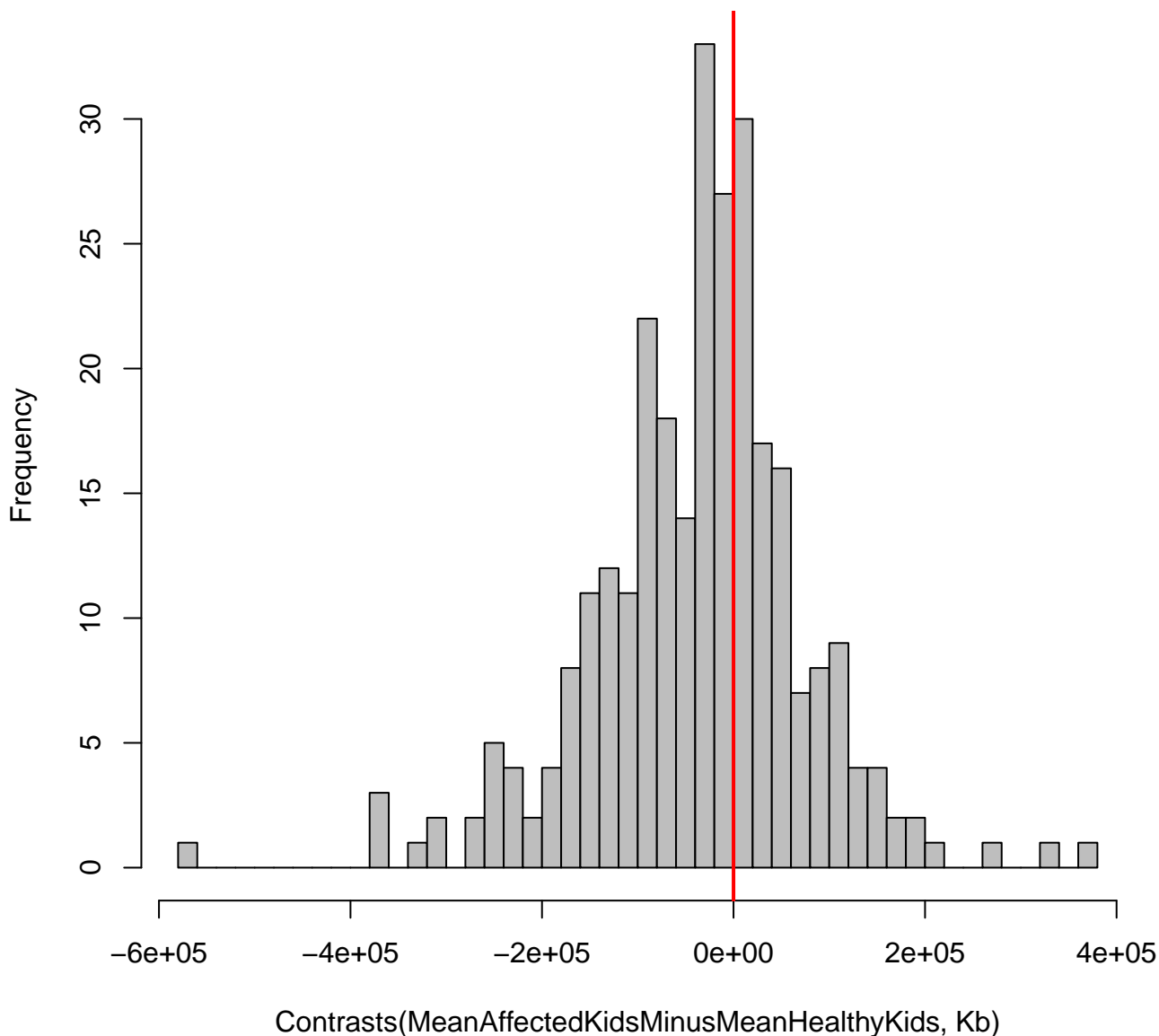> 47 % : ObservedMedian =  −27122 , Pvalue =  3.53087723812855e−08
Number Of Analyzed Kids = 283

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 48 % : ObservedMedian = −27273 , Pvalue = 3.67947184287323e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 49 % : ObservedMedian = −27122 , Pvalue = 3.08067141708155e−08**
**Number Of Analyzed Kids = 283**

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 50 % : ObservedMedian = −27122 , Pvalue = 3.3463830184842e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

> 51 % : ObservedMedian = −27122 , Pvalue = 3.37414530900058e−08
Number Of Analyzed Kids = 283

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
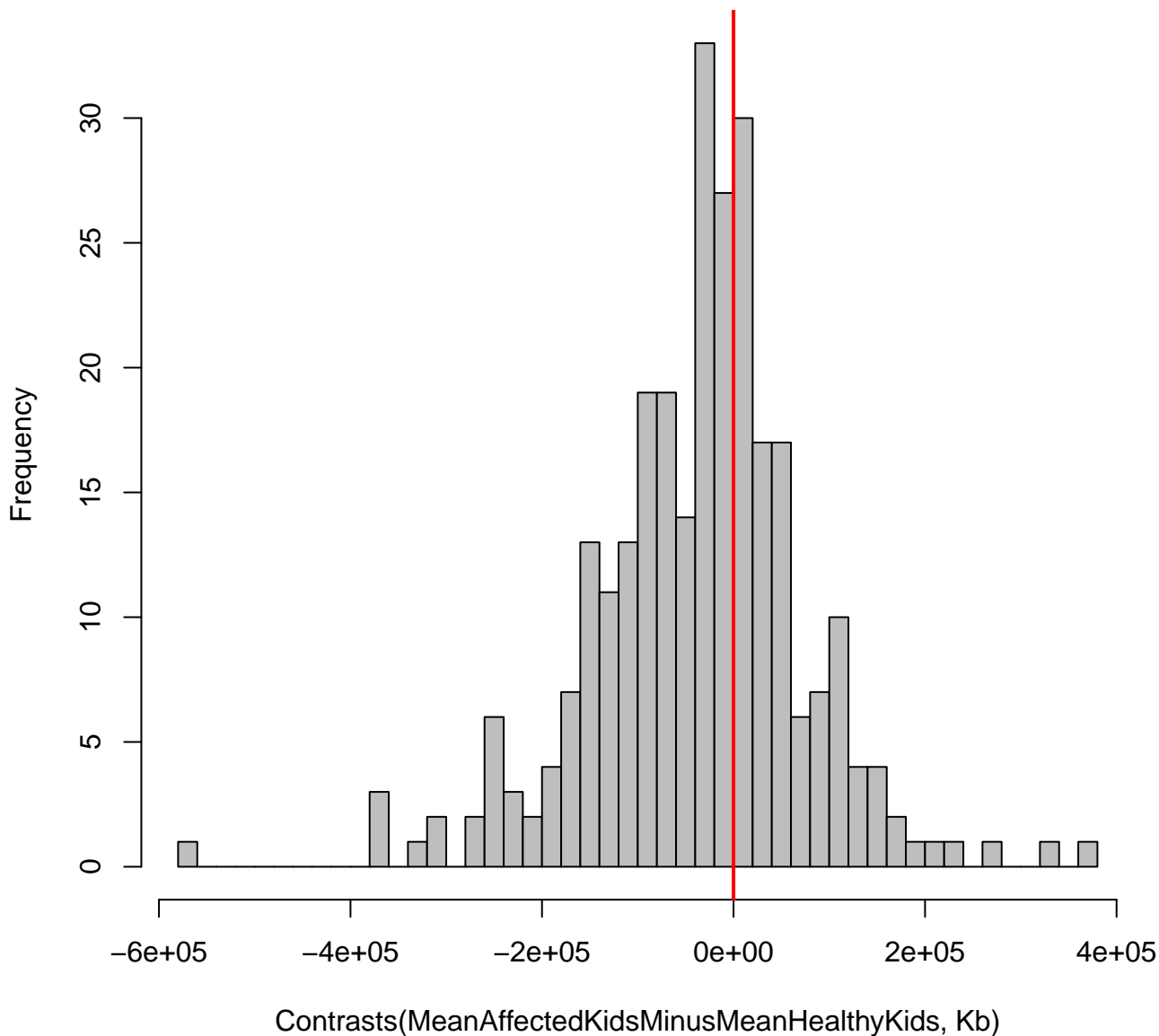
**> 52 % : ObservedMedian = −27139 , Pvalue = 3.13212113432454e−08**
**Number Of Analyzed Kids = 283**
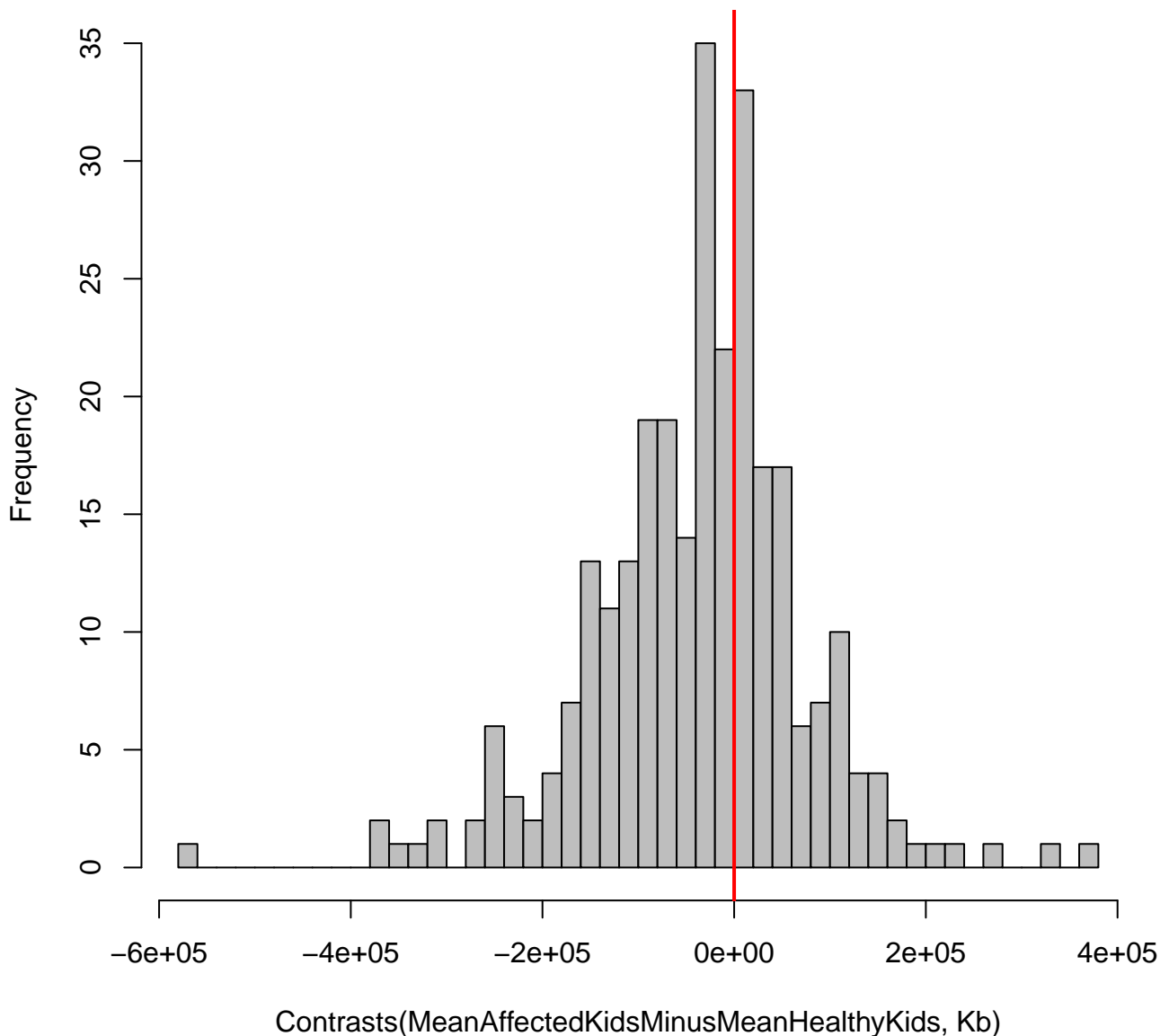
**> 53 % : ObservedMedian = −28316 , Pvalue = 3.08067141708155e−08**
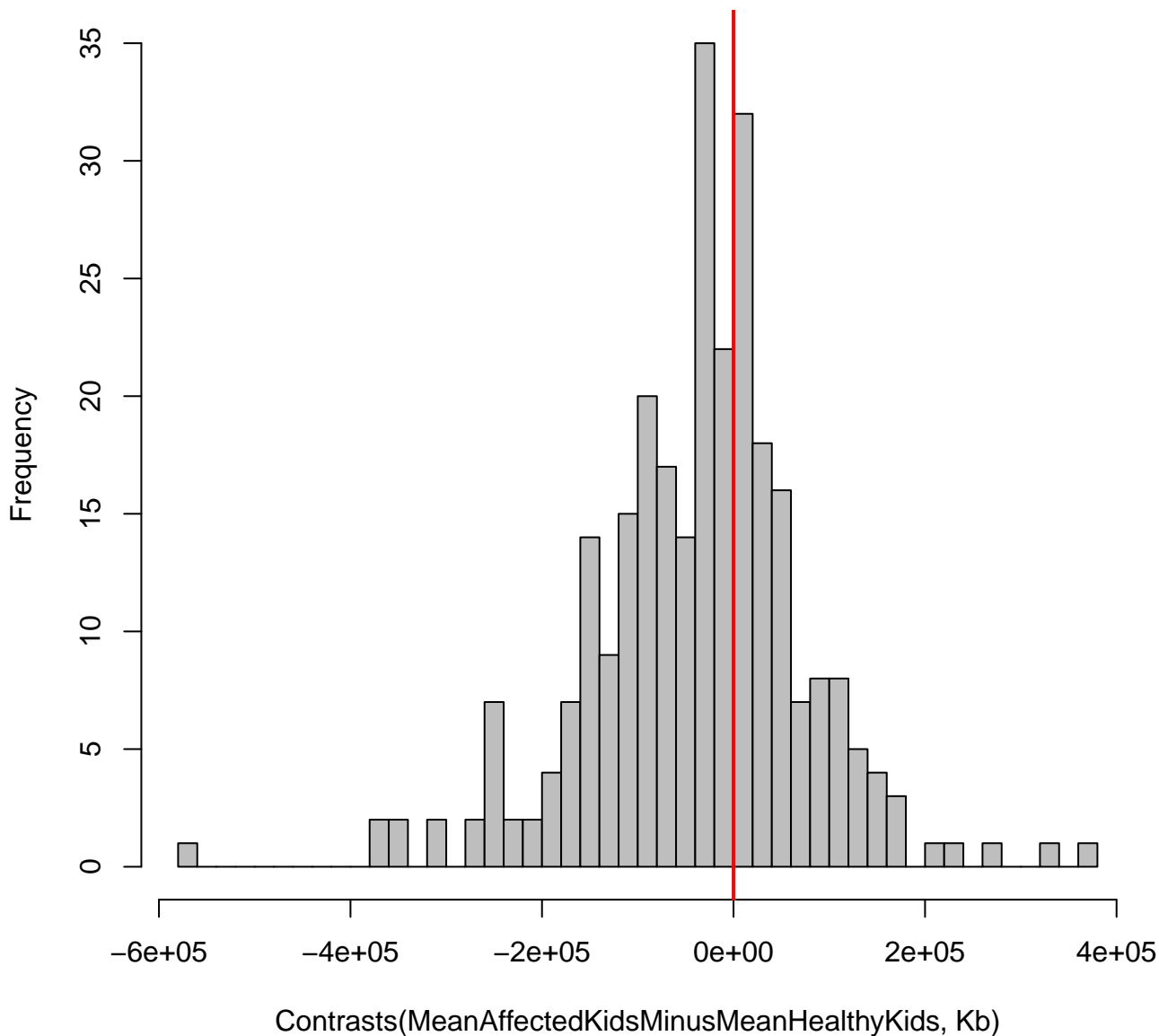**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
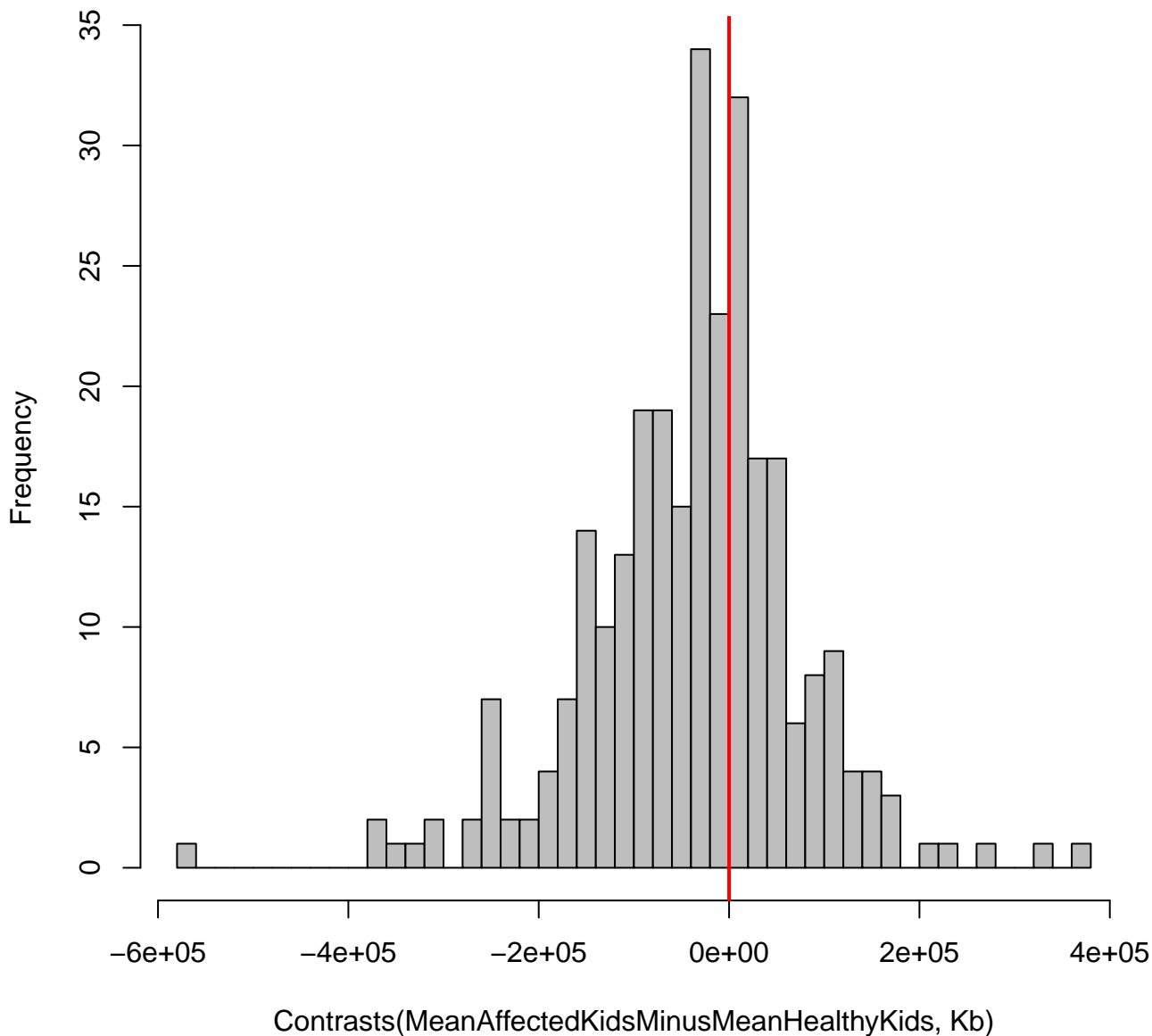
**> 54 % : ObservedMedian = −28312 , Pvalue = 3.84993106601294e−08**
**Number Of Analyzed Kids = 283**

Frequency
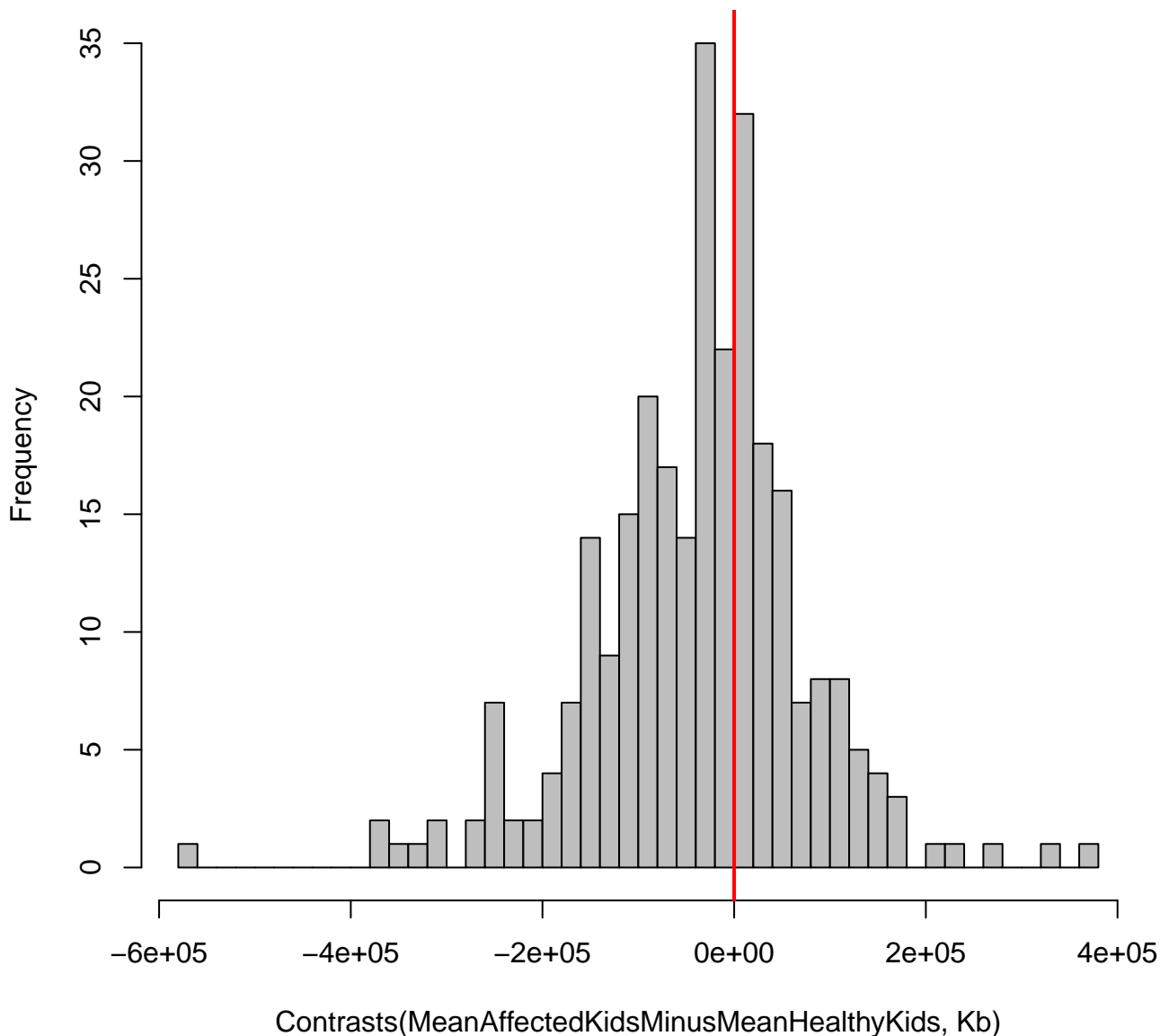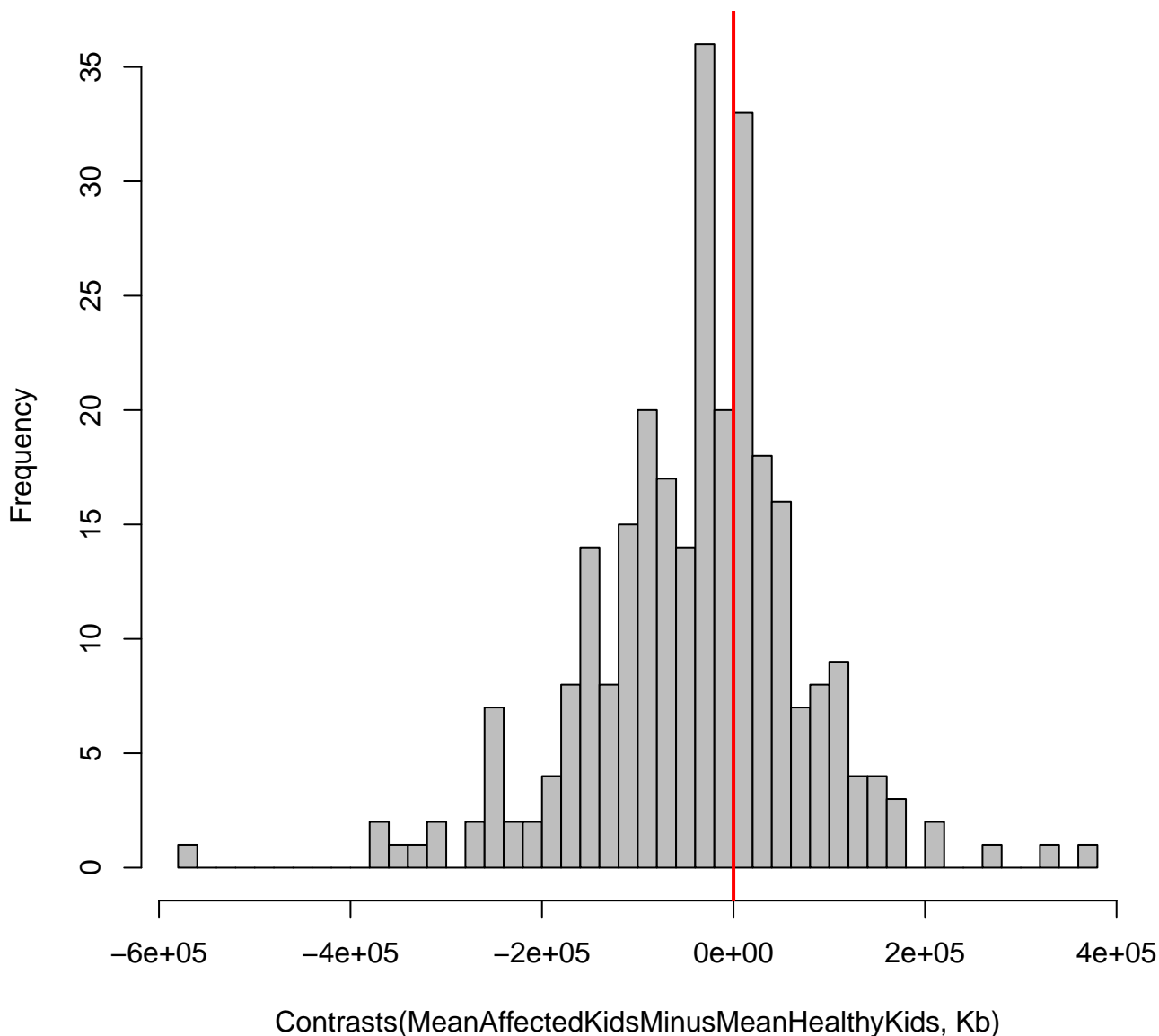
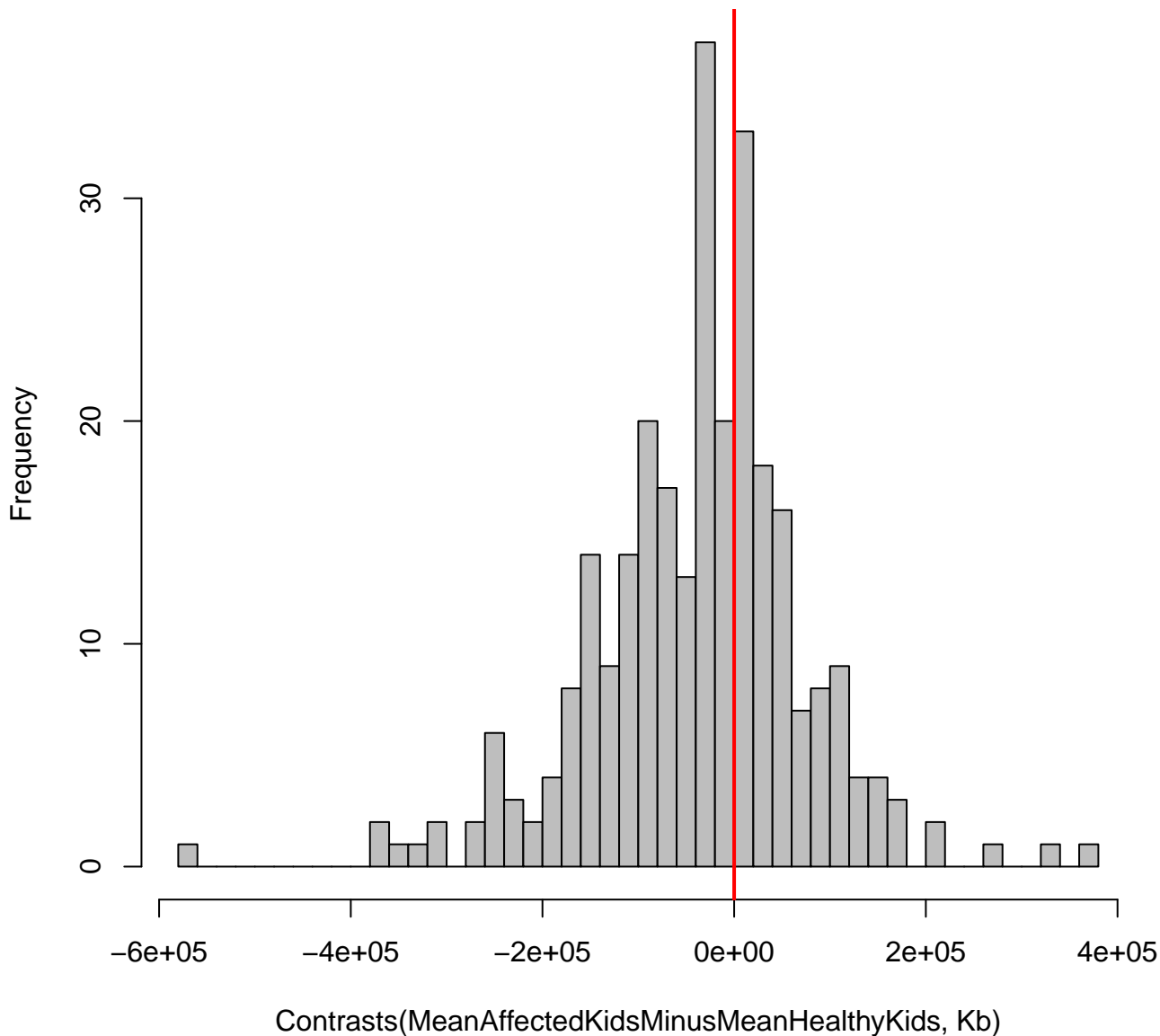Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

> 55 % : ObservedMedian = −28426 , Pvalue = 3.83412363841741e−08
Number Of Analyzed Kids = 283

**> 56 % : ObservedMedian = −28378 , Pvalue = 3.84993106601294e−08**
**Number Of Analyzed Kids = 283**

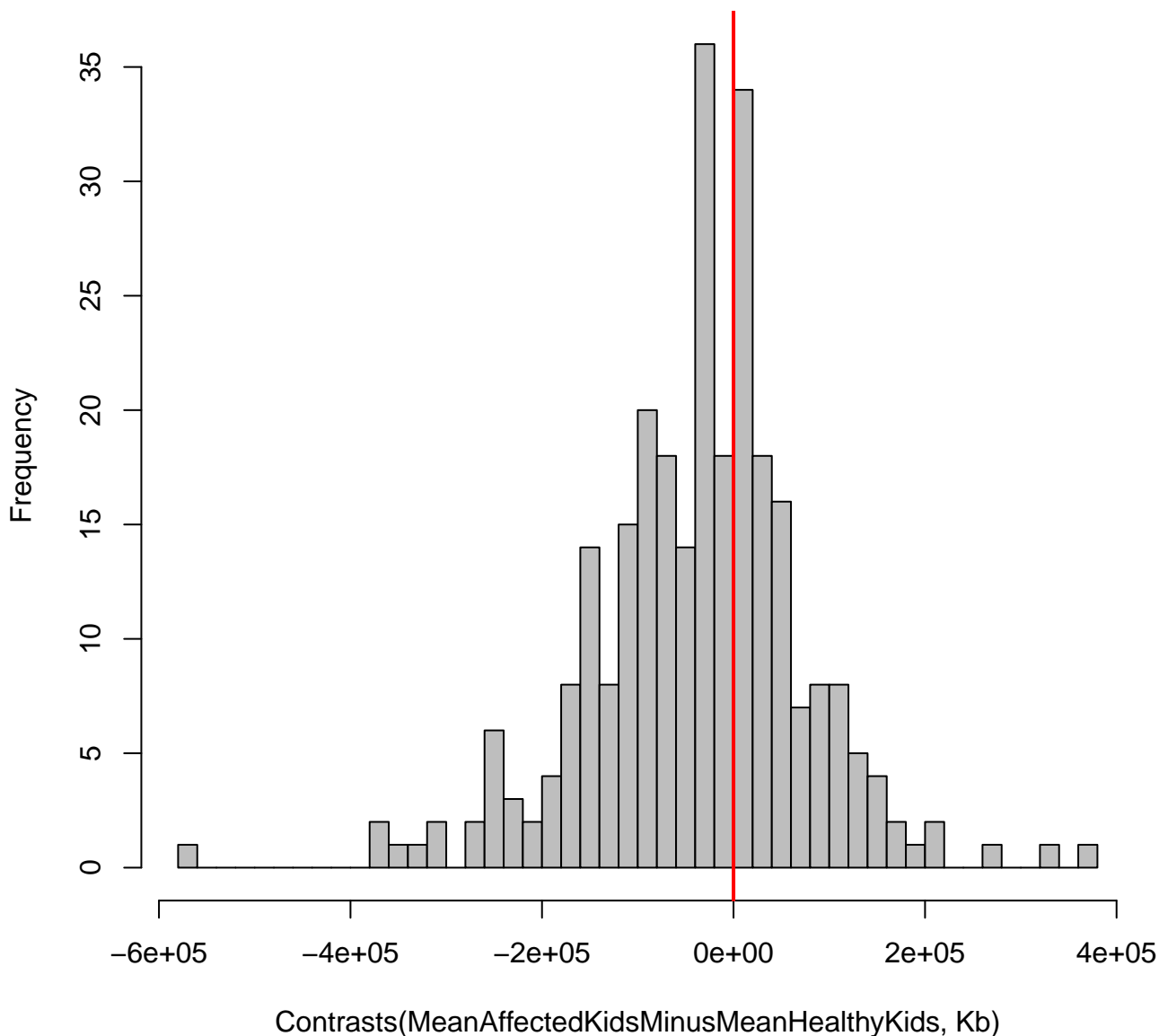Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

> 57 % : ObservedMedian = −27375 , Pvalue = 3.75602589754577e−08
Number Of Analyzed Kids = 283

**> 58 % : ObservedMedian = −28148 , Pvalue = 3.8817357417891e−08**
**Number Of Analyzed Kids = 283**

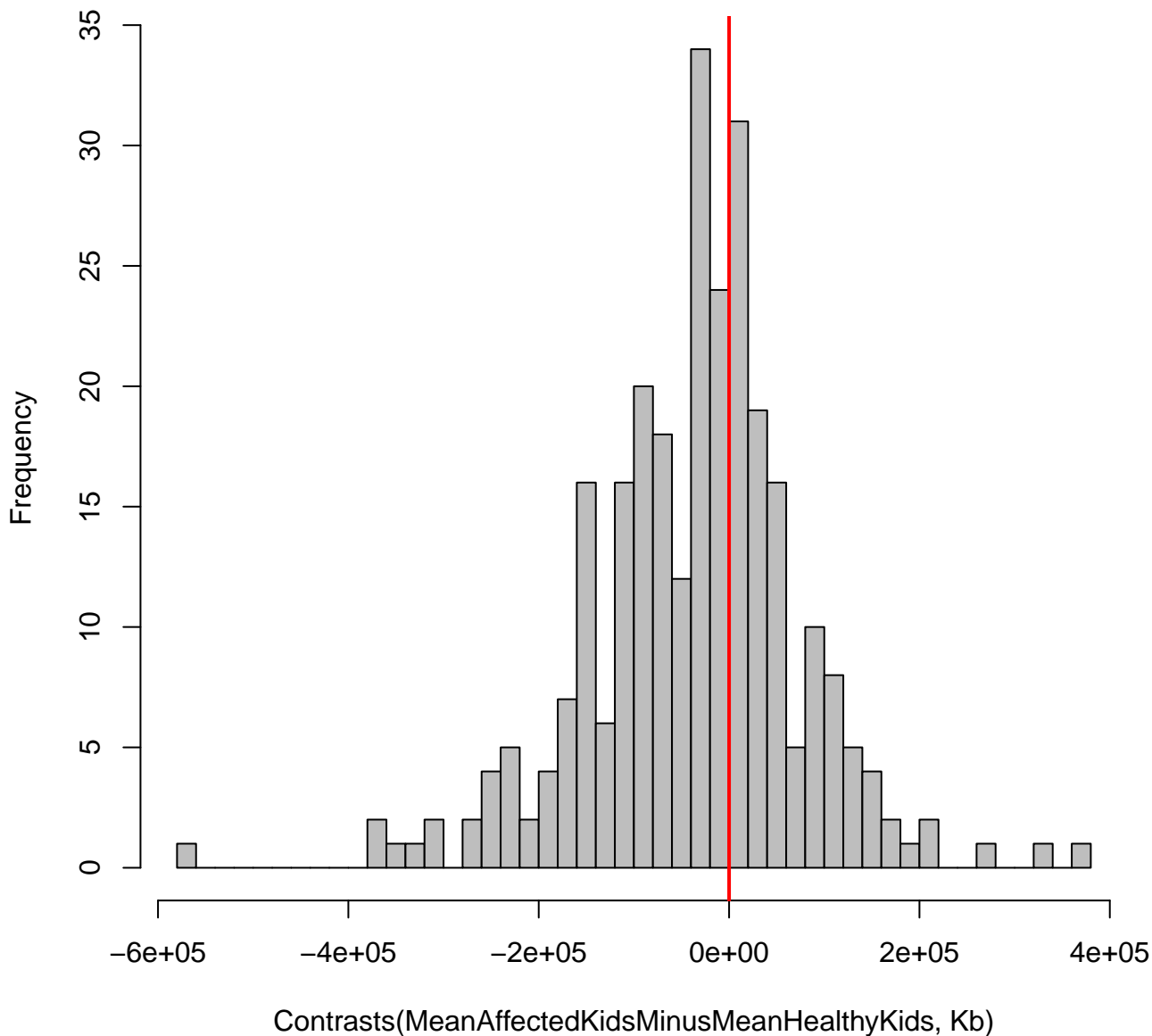Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
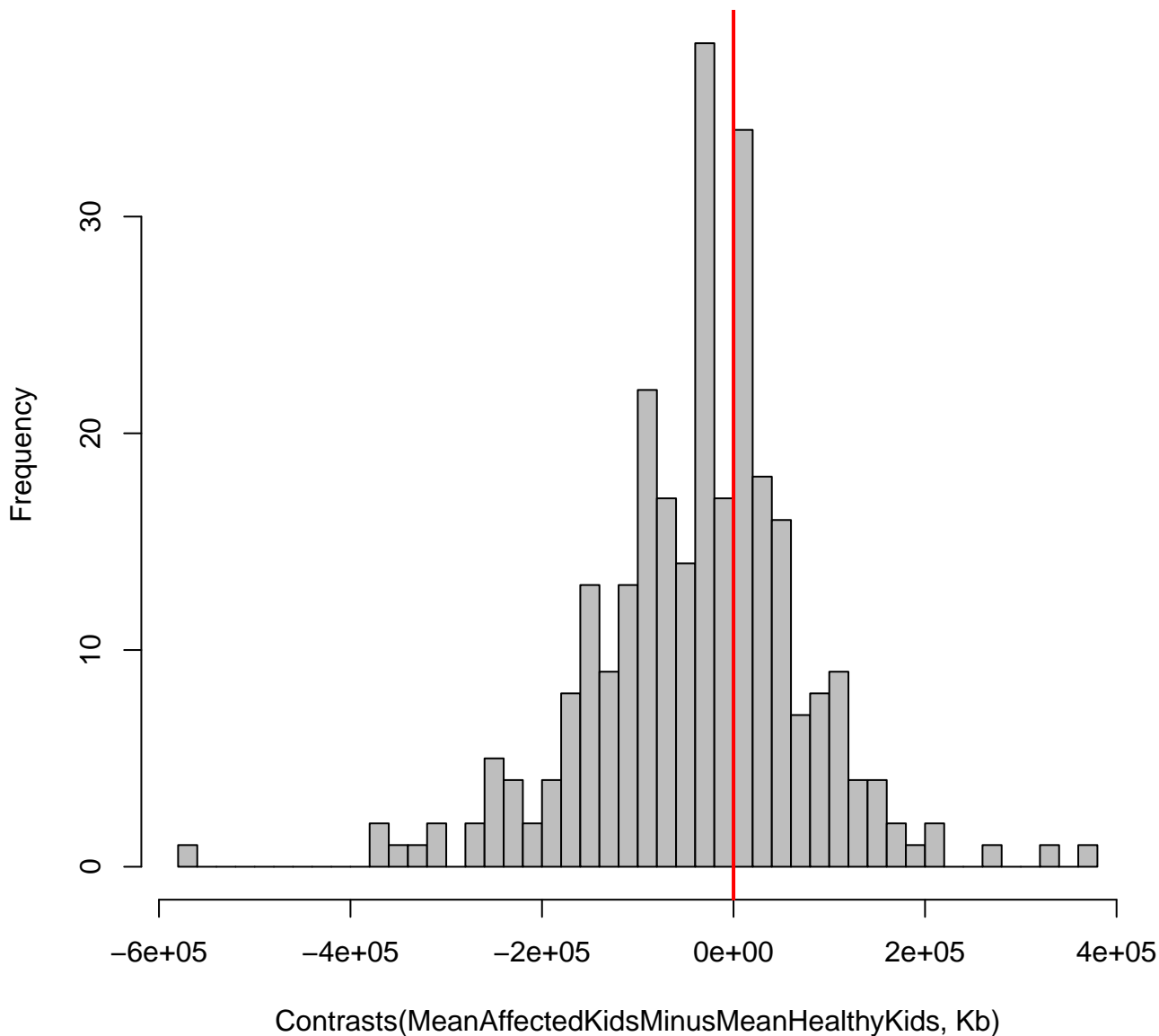
**> 59 % : ObservedMedian = −28228 , Pvalue = 4.11161229404344e−08**
**Number Of Analyzed Kids = 283**

**> 60 % : ObservedMedian = −28231 , Pvalue = 4.23144704123771e−08**
**Number Of Analyzed Kids = 283**
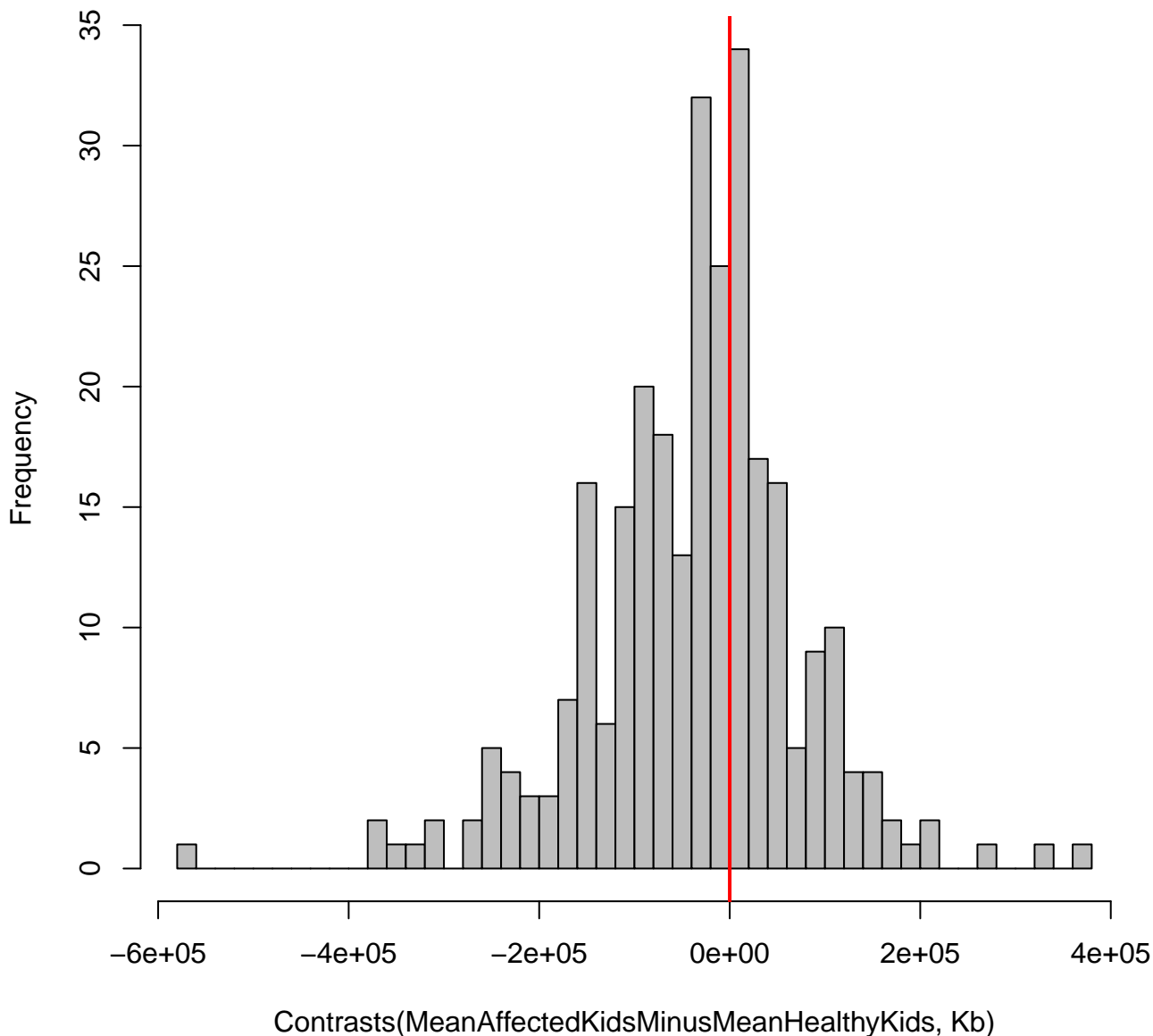
Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
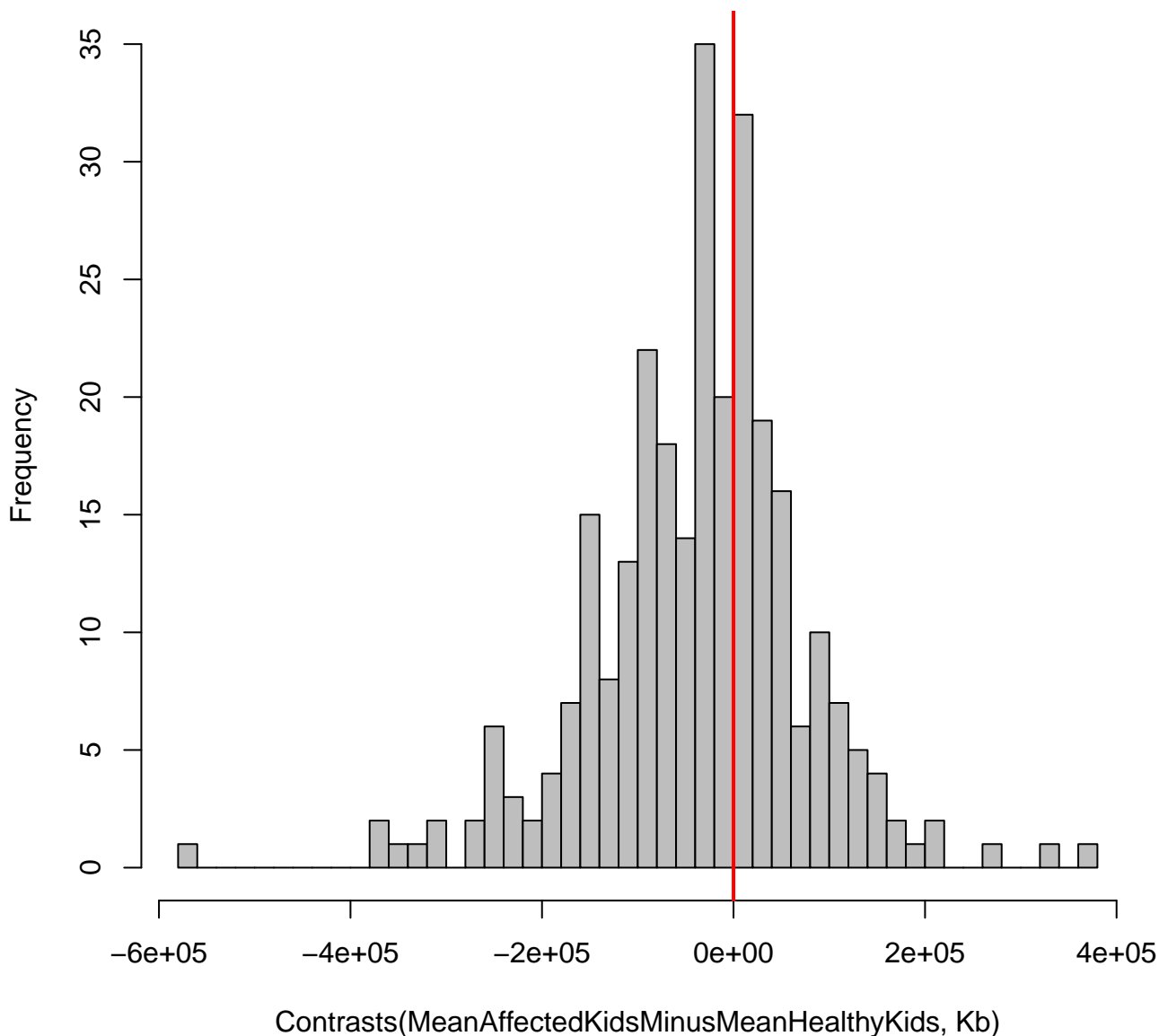
**> 61 % : ObservedMedian = −27366 , Pvalue = 4.63052943978486e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 62 % : ObservedMedian = −27326 , Pvalue = 4.70690865975317e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
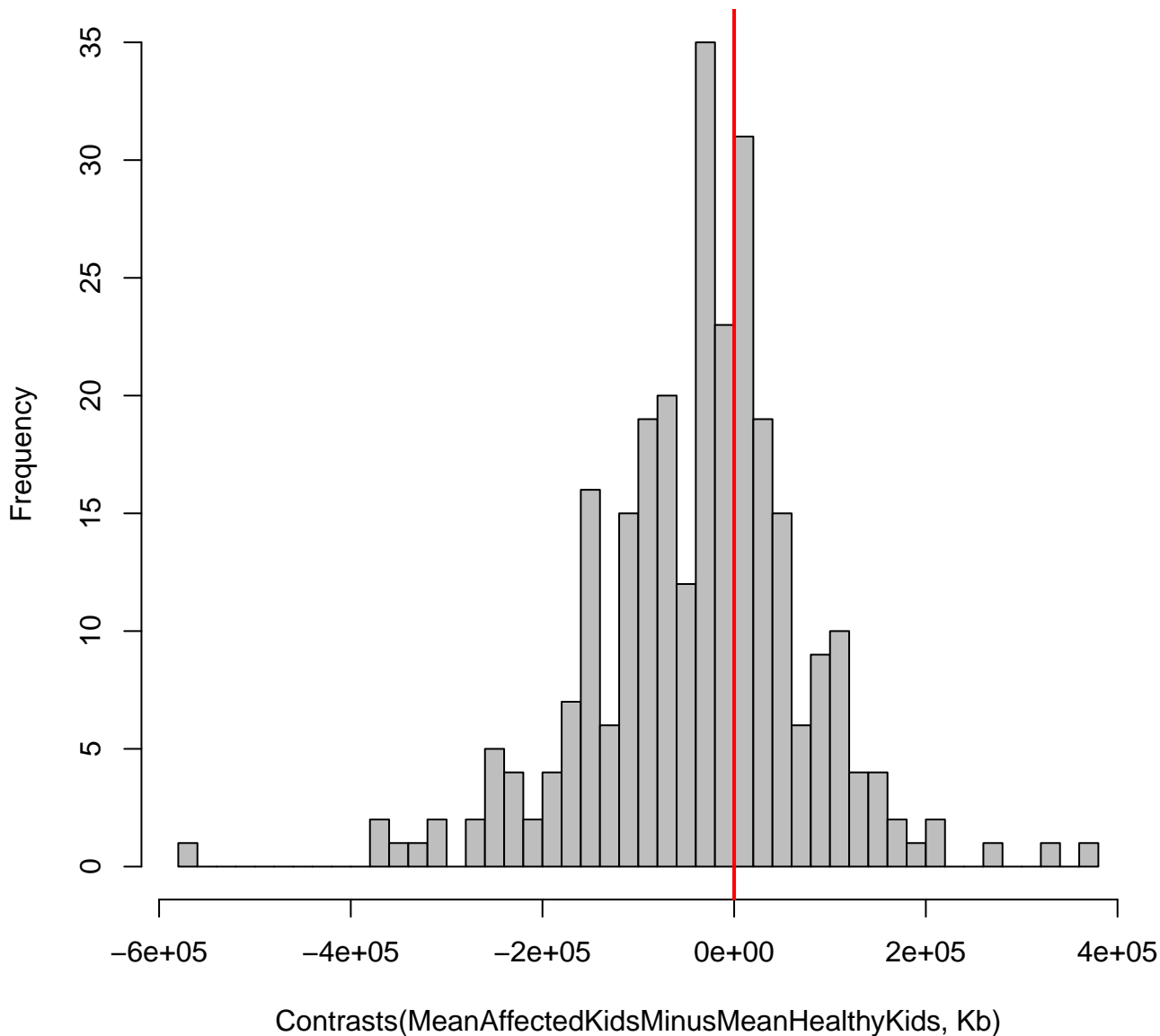
**> 63 % : ObservedMedian = −27502 , Pvalue = 5.10749595797465e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 64 % : ObservedMedian = −26865 , Pvalue = 4.72619346352327e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

> 65 % : ObservedMedian = −27306 , Pvalue = 4.23144704123771e−08
Number Of Analyzed Kids = 283
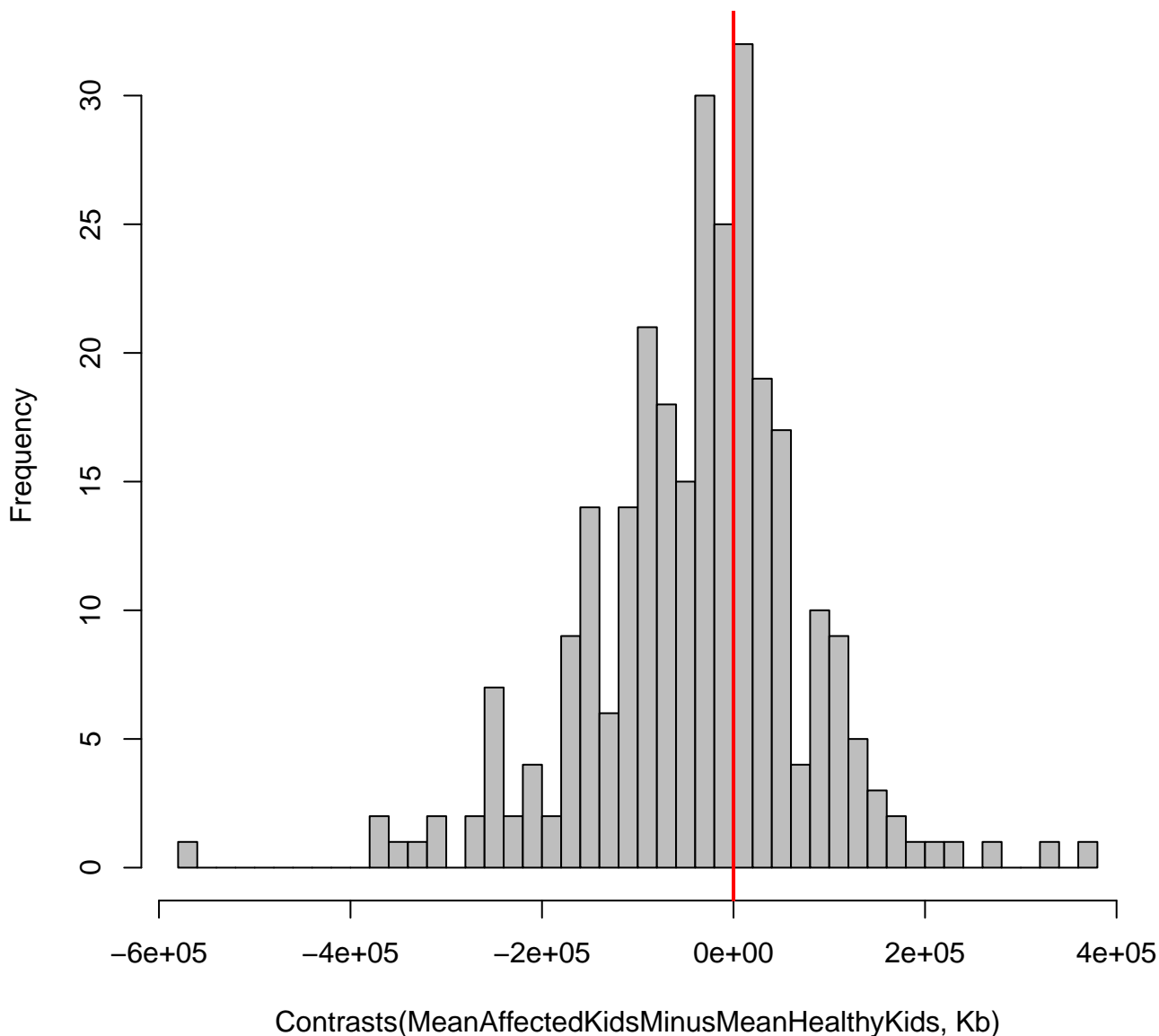
**> 66 % : ObservedMedian = −28123 , Pvalue = 3.40213095270074e−08**
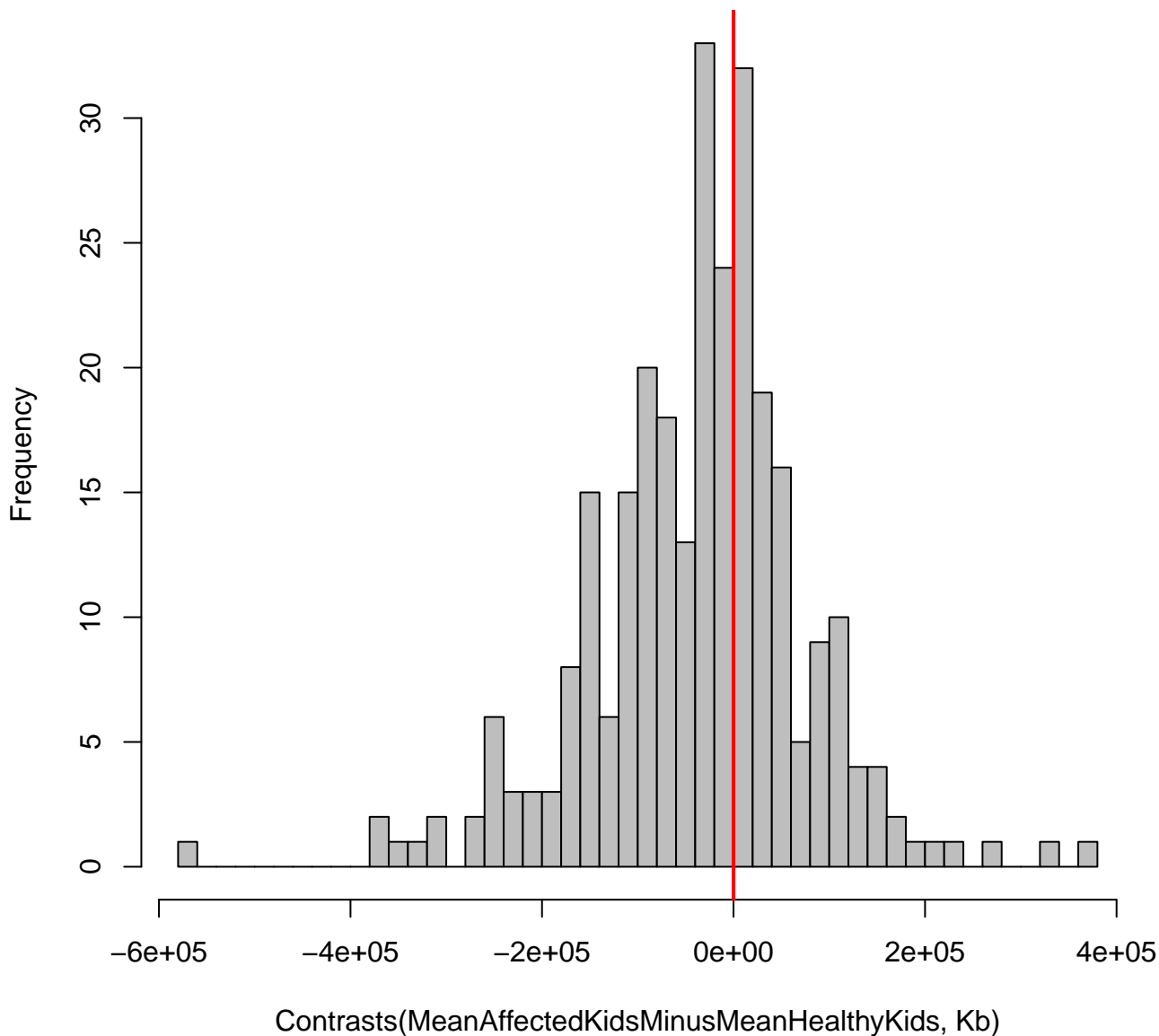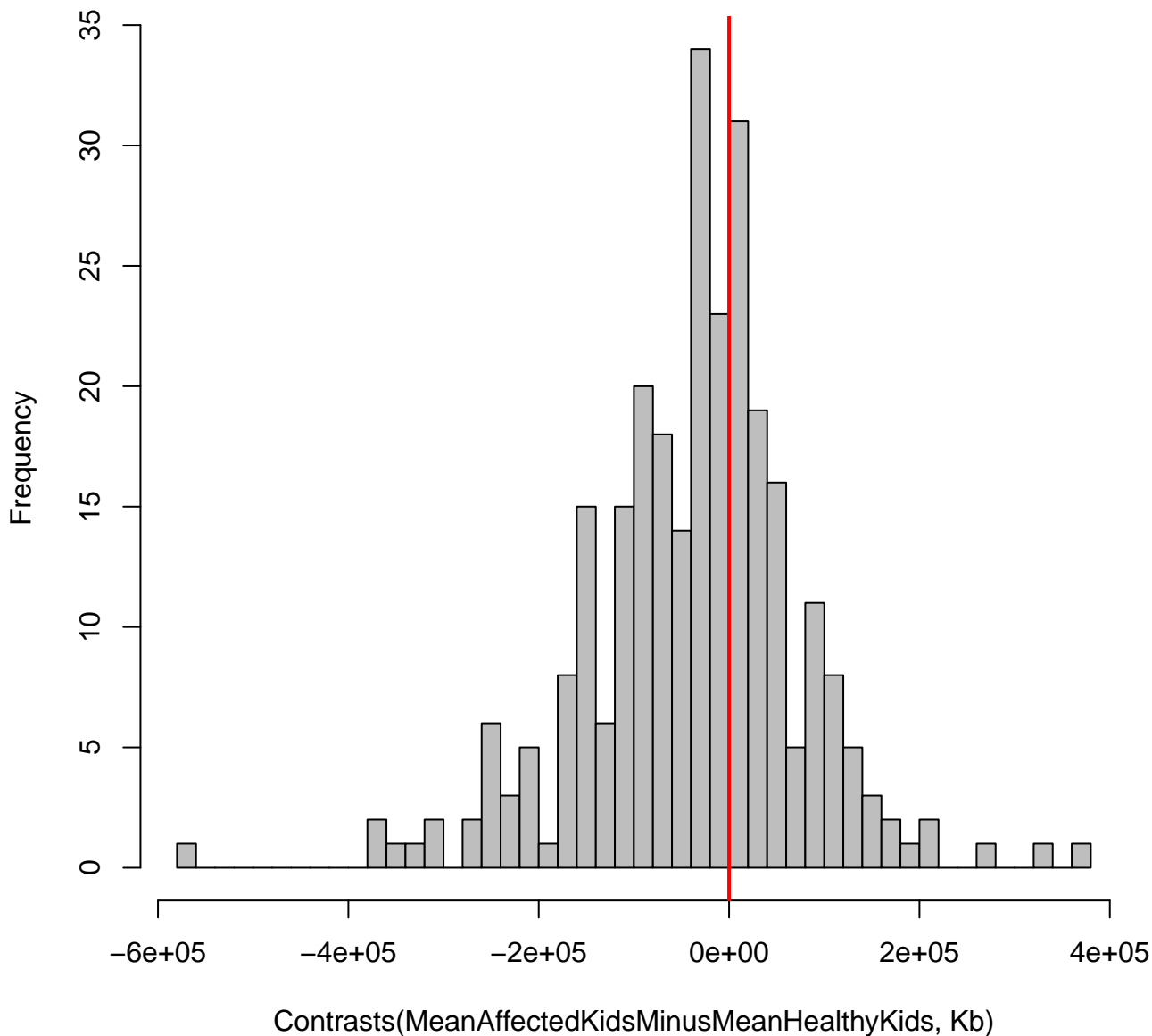**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
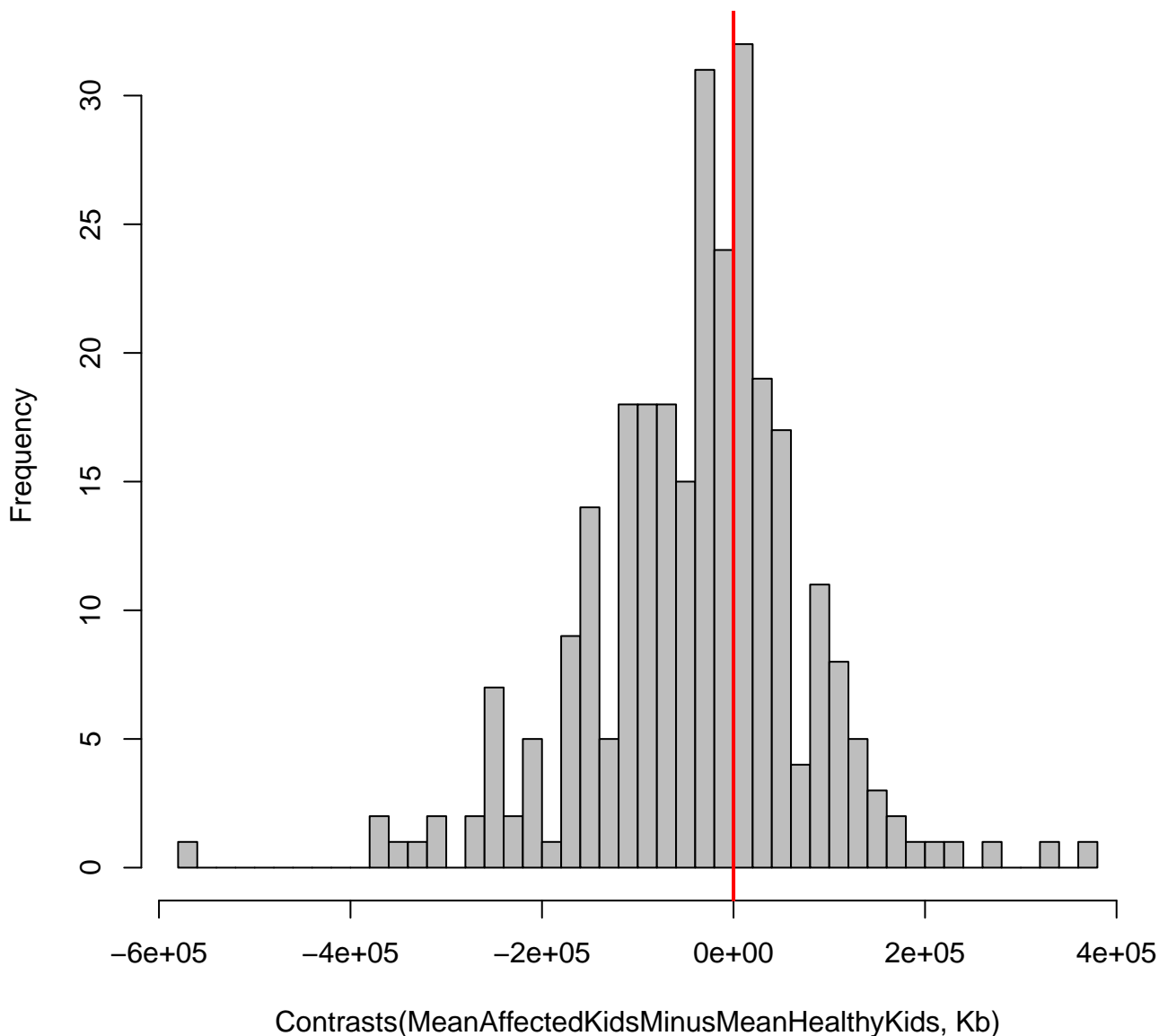
**> 67 % : ObservedMedian = −28140 , Pvalue = 3.04262315208555e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
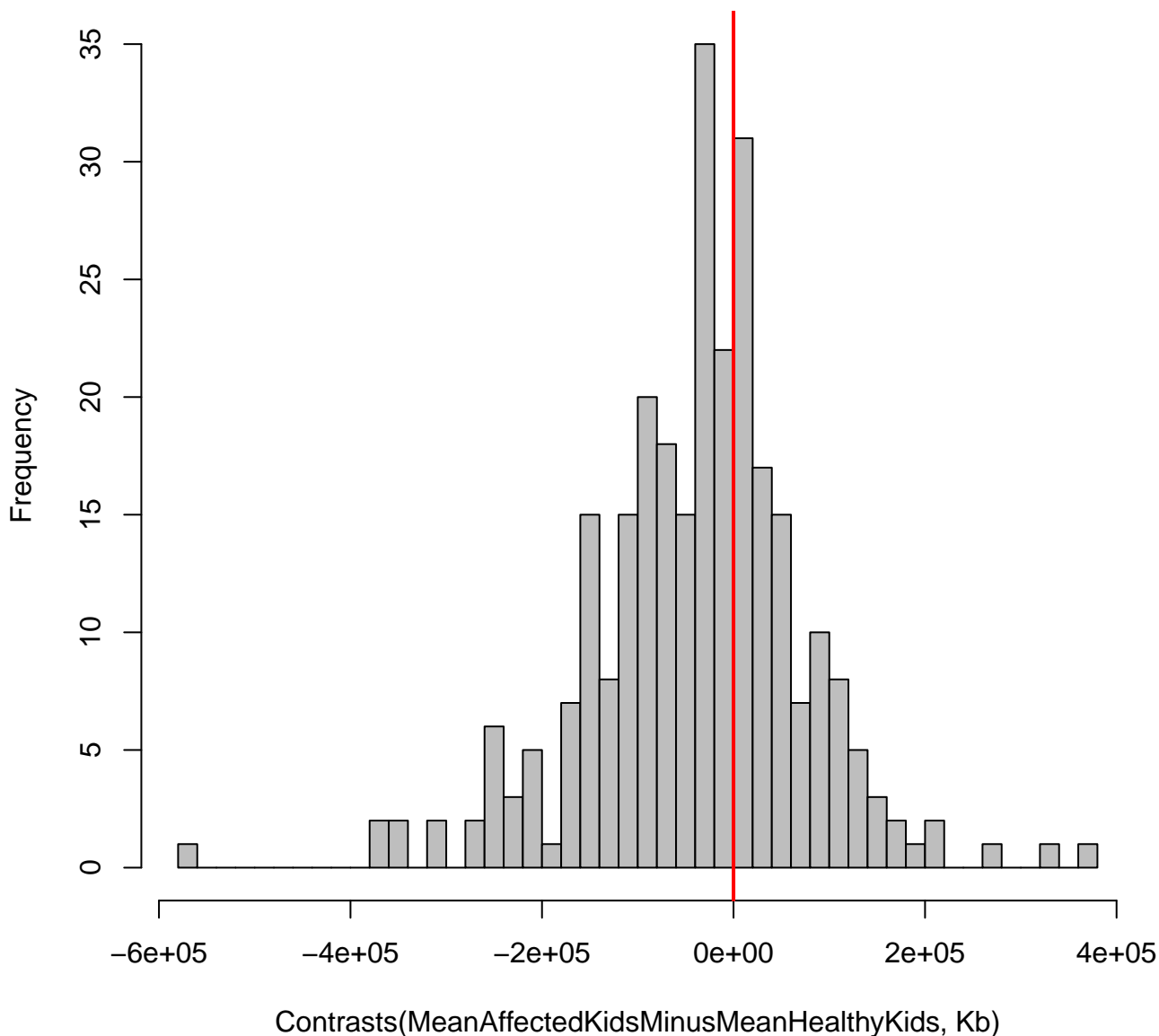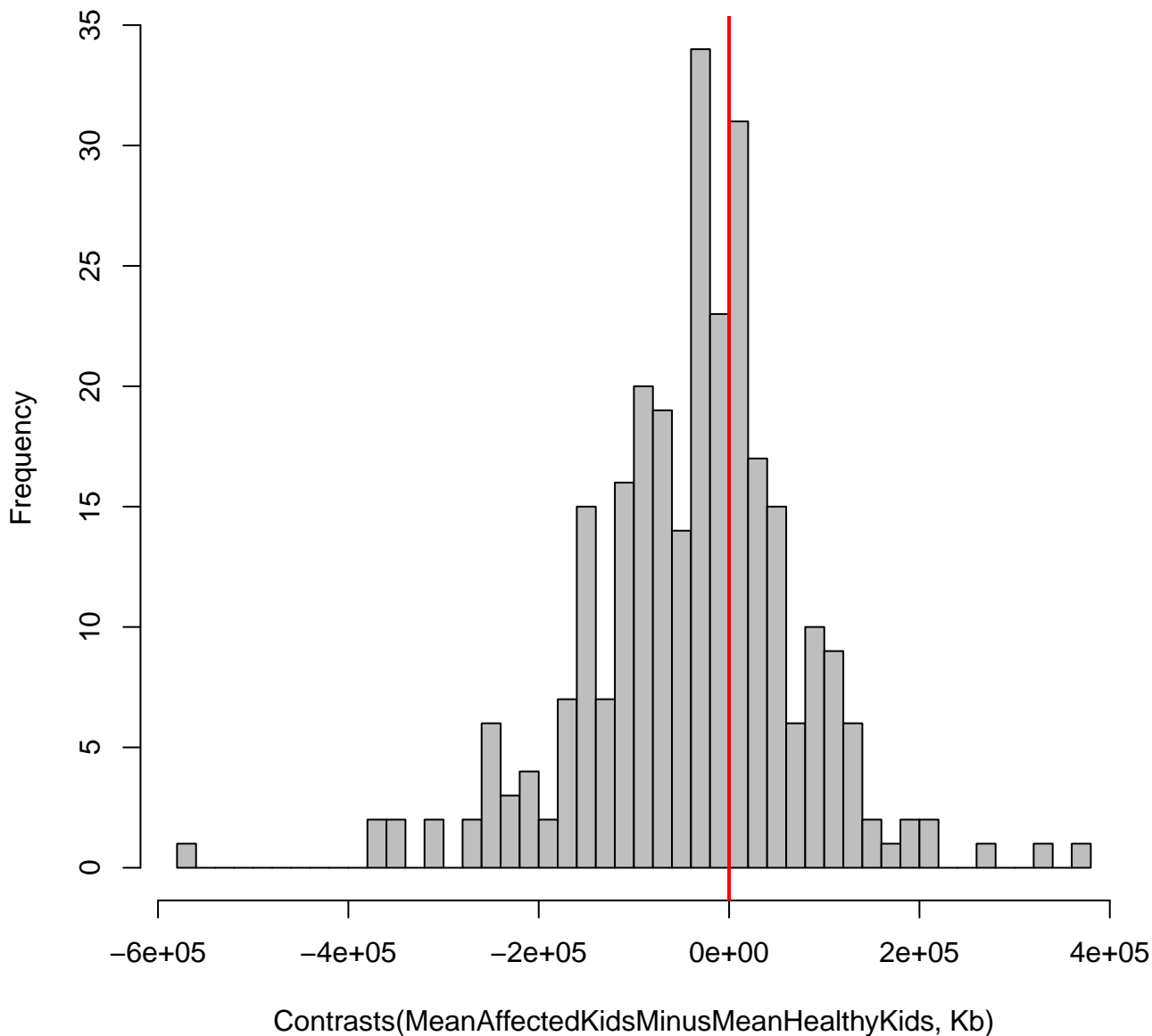
**> 68 % : ObservedMedian = −29052 , Pvalue = 3.06793765870294e−08**
**Number Of Analyzed Kids = 283**
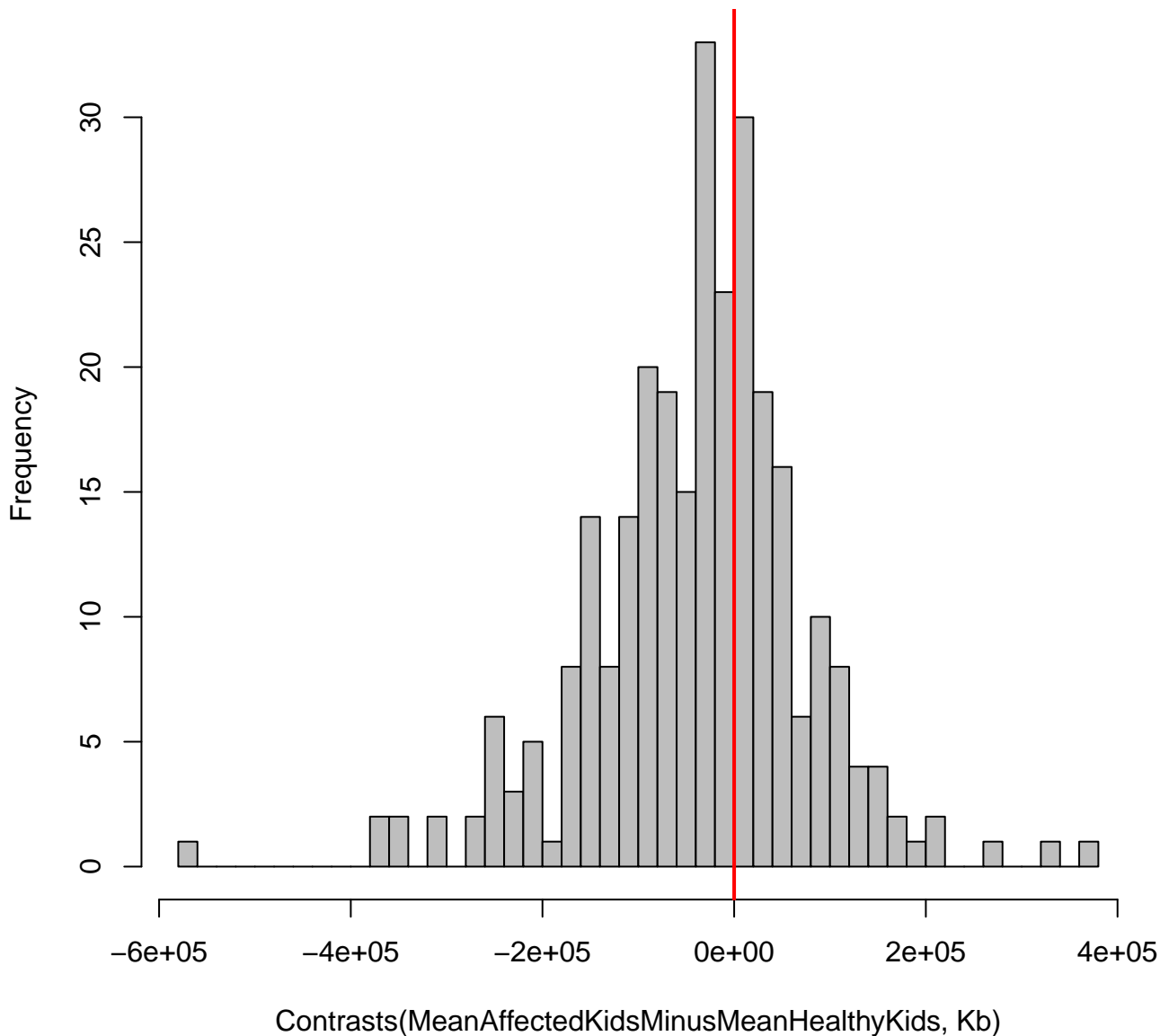
**> 69 % : ObservedMedian = −27953 , Pvalue = 2.20818017944719e−08**
**Number Of Analyzed Kids = 283**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

> 70 % : ObservedMedian = −28884 , Pvalue = 2.22672781310847e−08
Number Of Analyzed Kids = 283

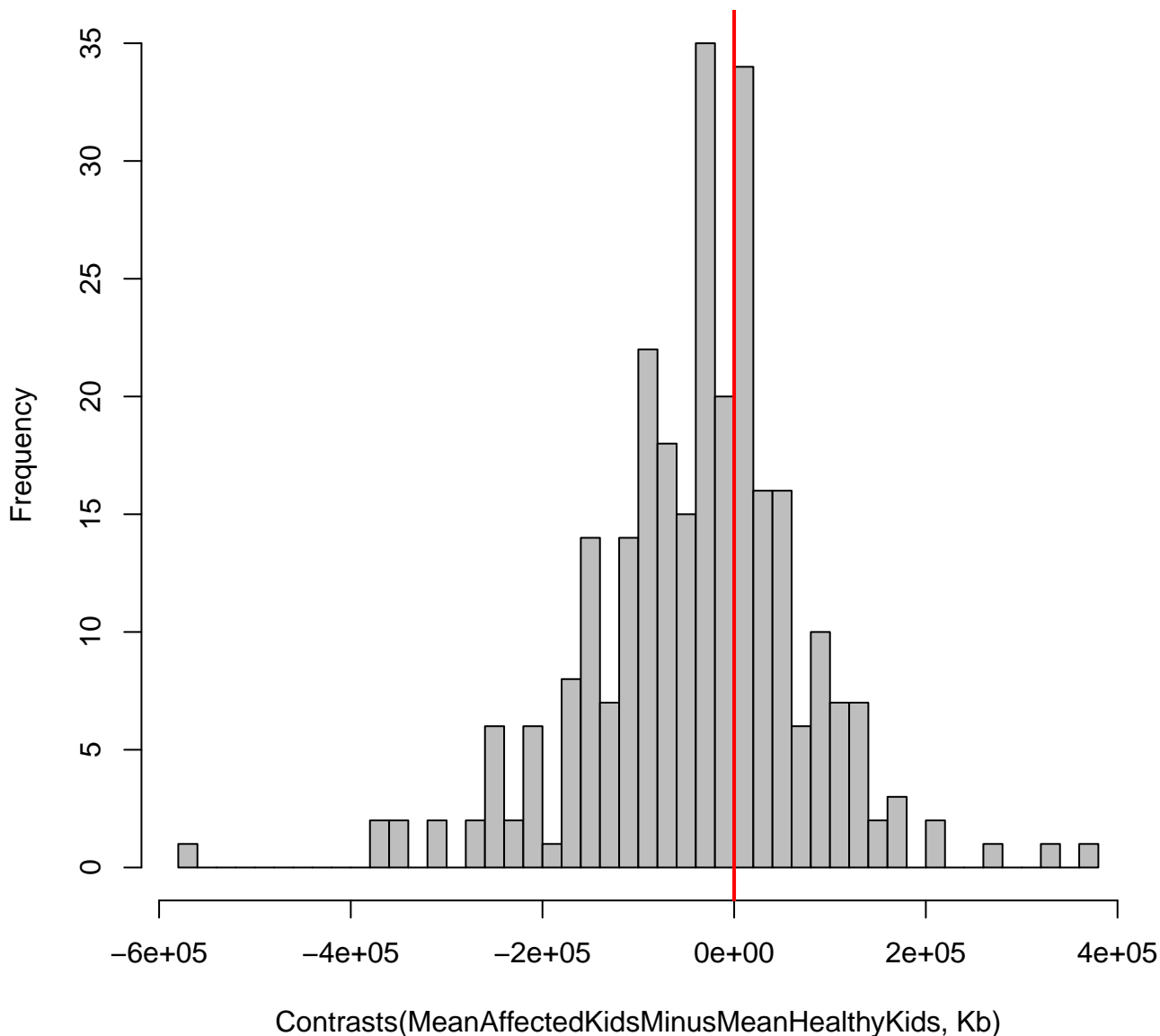Frequency
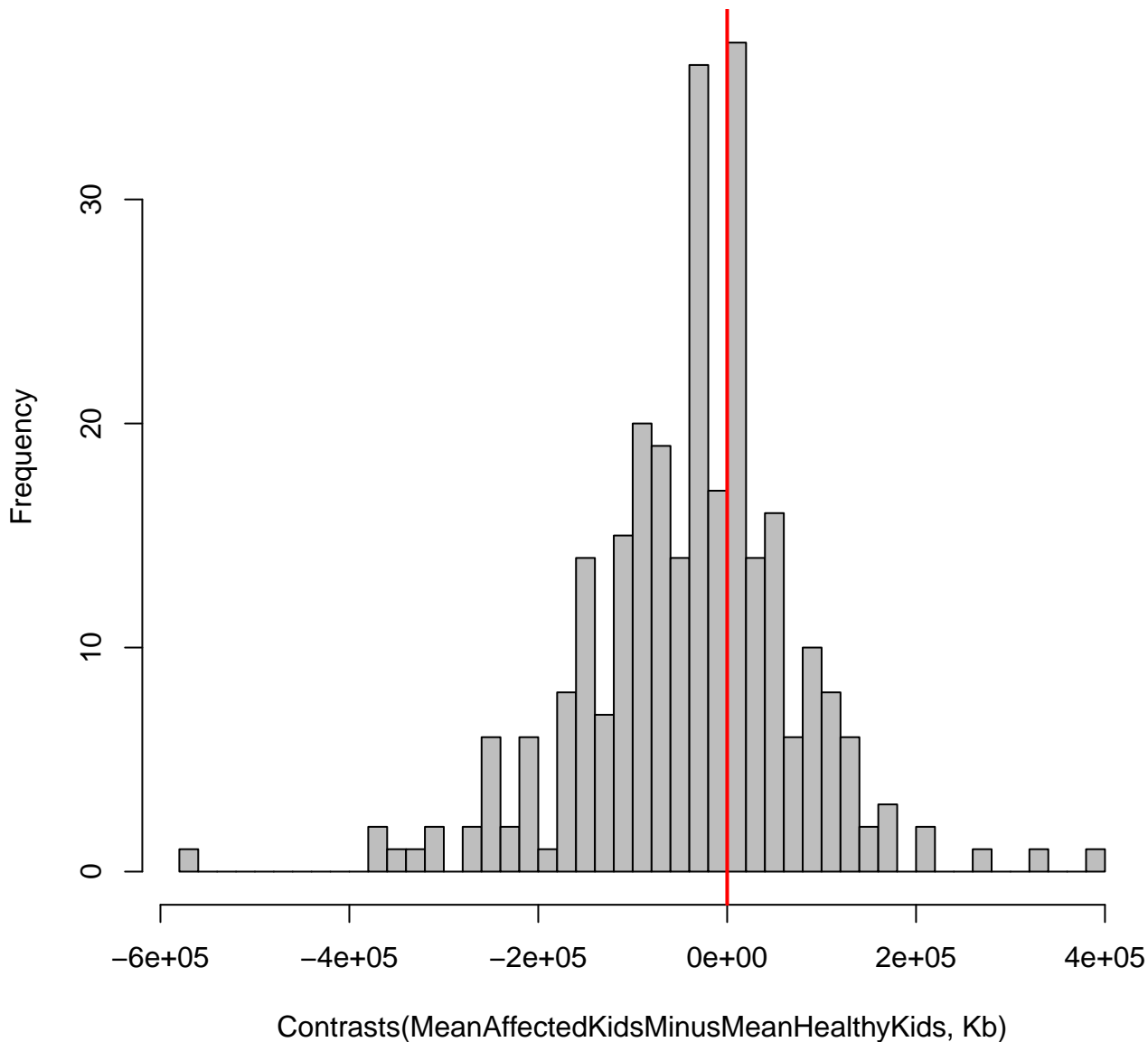
Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

> 71 % : ObservedMedian = −28884 , Pvalue = 2.14443706521406e−08
Number Of Analyzed Kids = 283
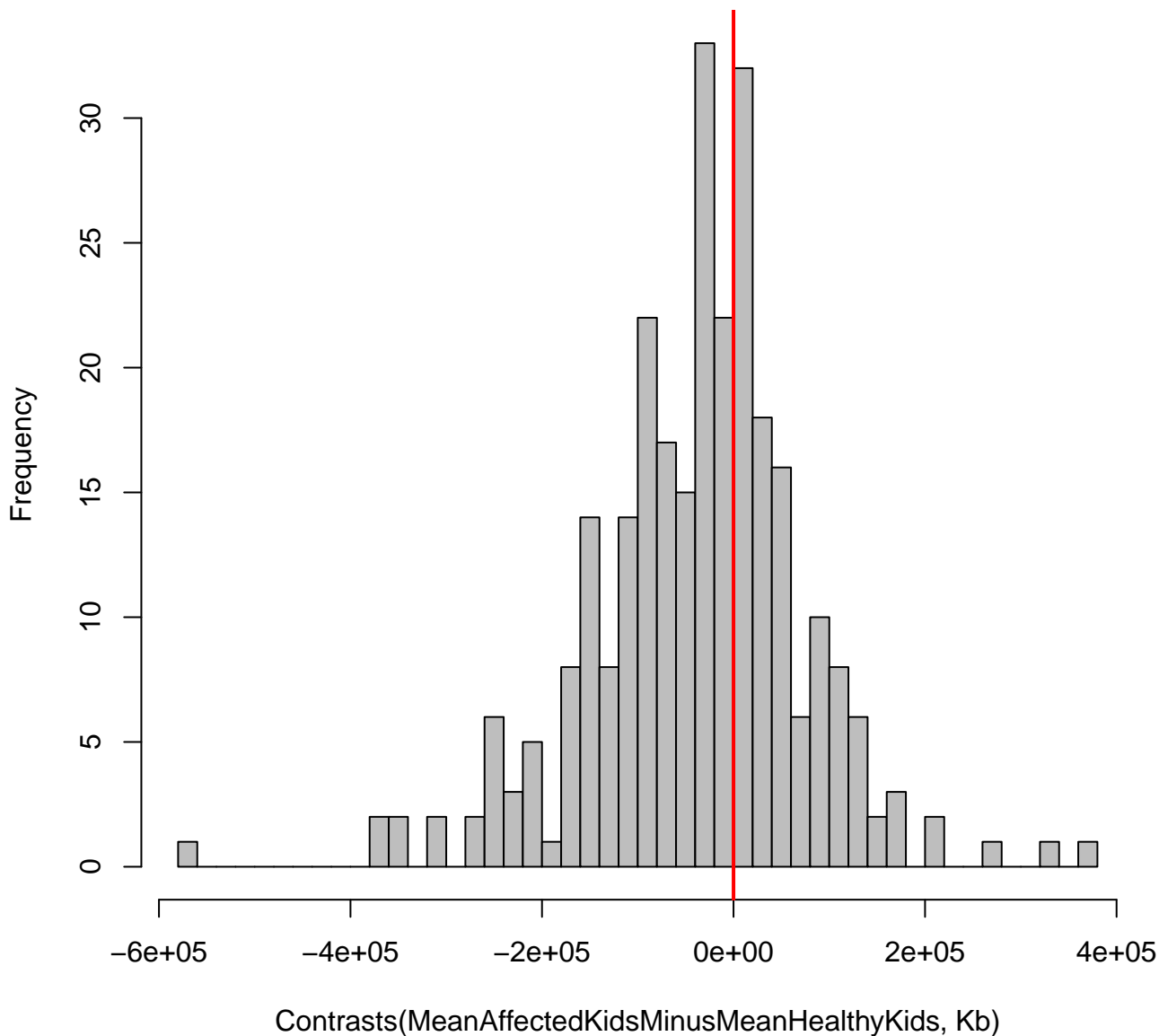
**> 72 % : ObservedMedian = −28457 , Pvalue = 2.47172336759816e−08**
**Number Of Analyzed Kids = 283**

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 73 % : ObservedMedian = −27467 , Pvalue = 1.92060909763625e−08**
**Number Of Analyzed Kids = 281**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 74 % : ObservedMedian =  −29006 , Pvalue =  1.65493184452375e−08**
**Number Of Analyzed Kids = 281**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
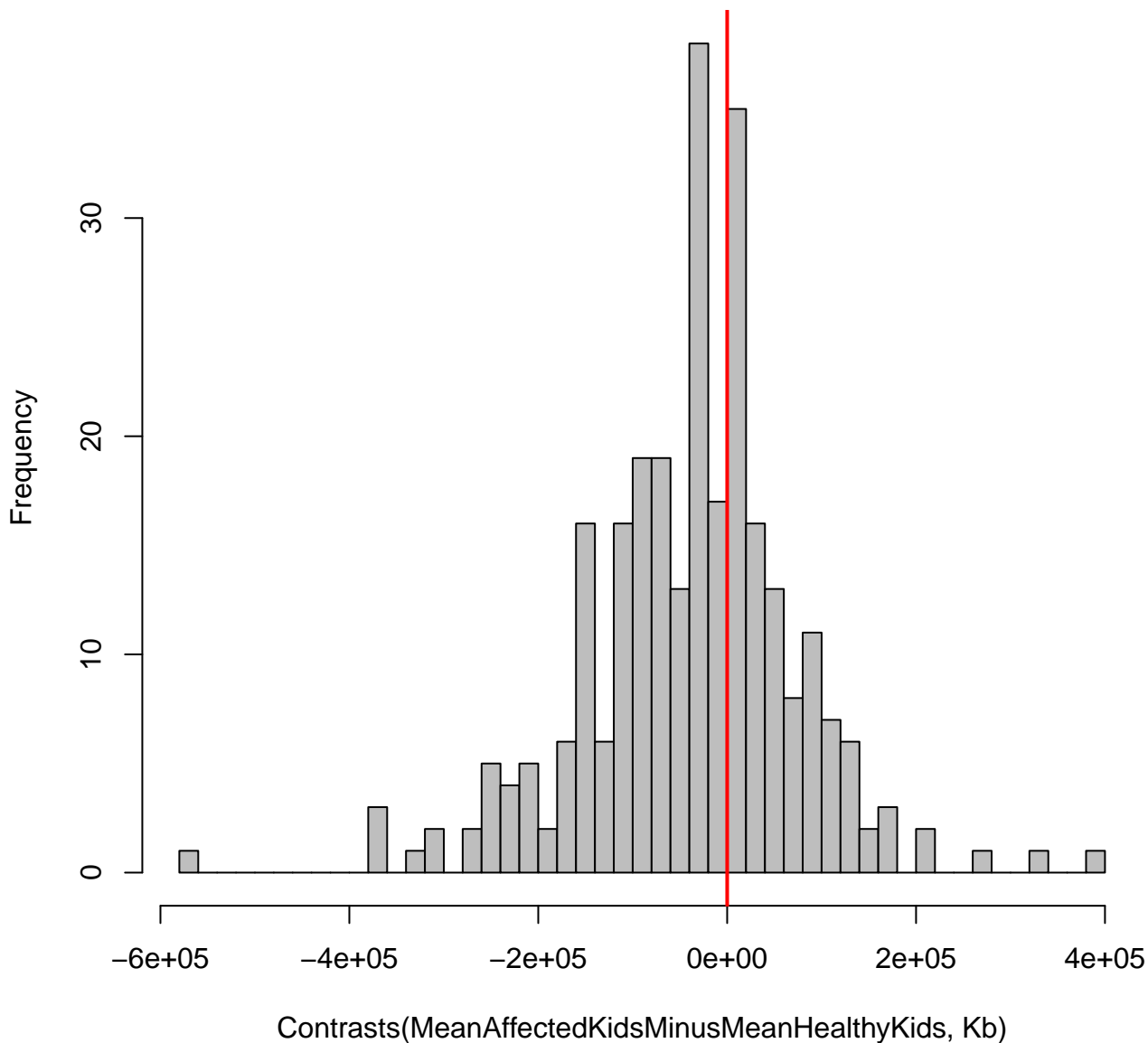
**> 75 % : ObservedMedian = −28651 , Pvalue = 1.64451940309954e−08**
**Number Of Analyzed Kids = 281**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
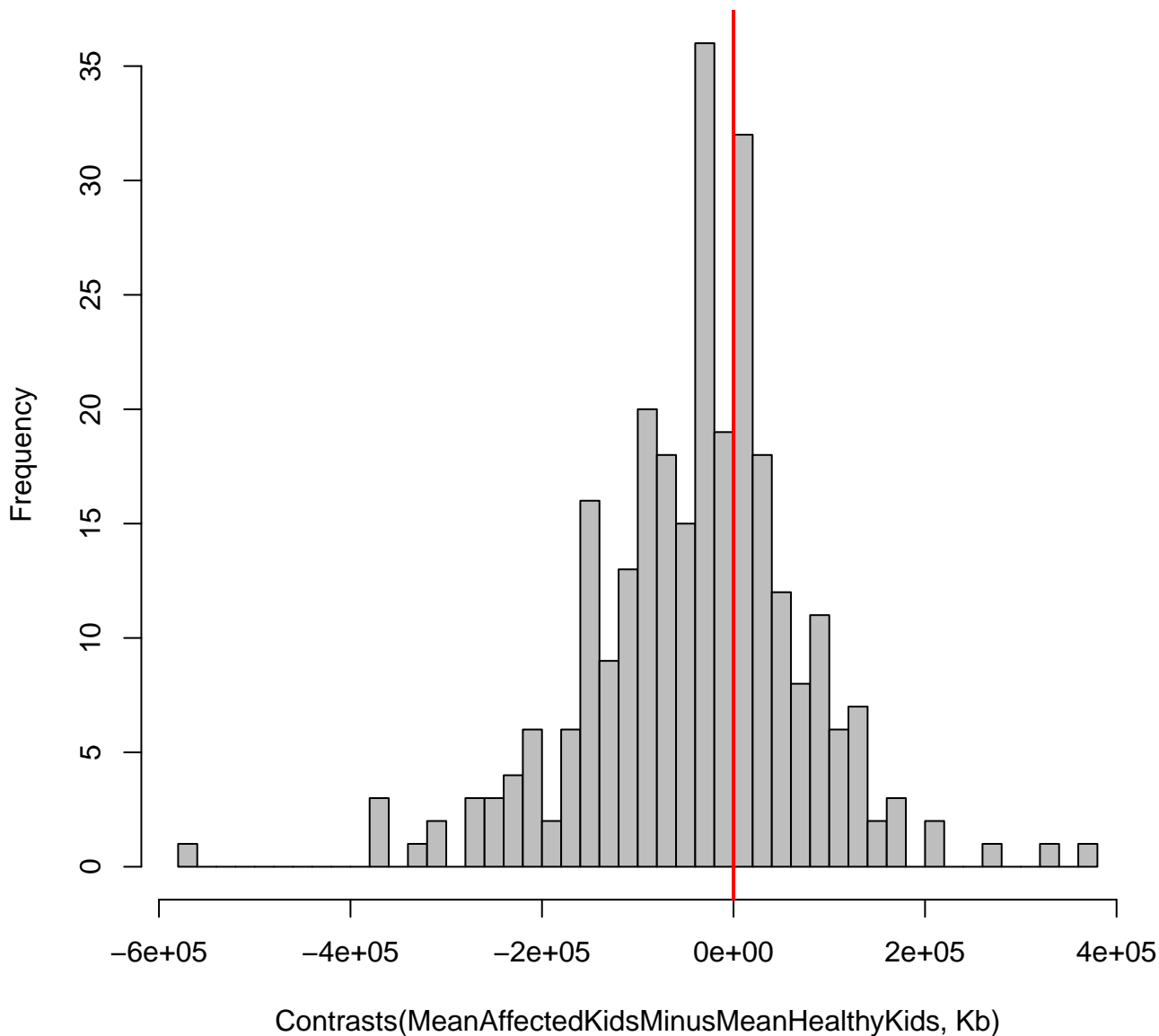
**> 76 % : ObservedMedian = −28636 , Pvalue = 1.50924784745201e−08**
**Number Of Analyzed Kids = 281**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
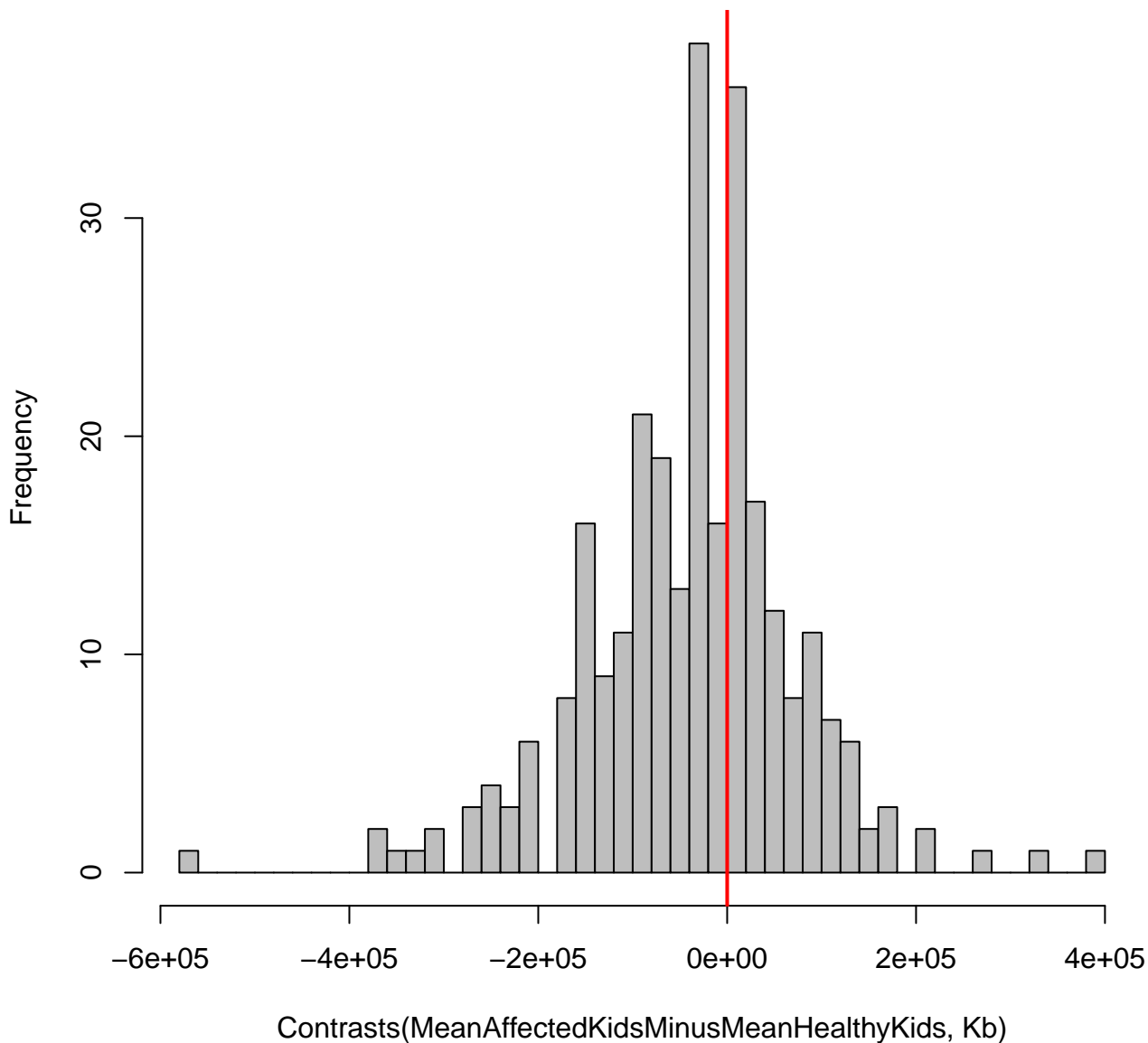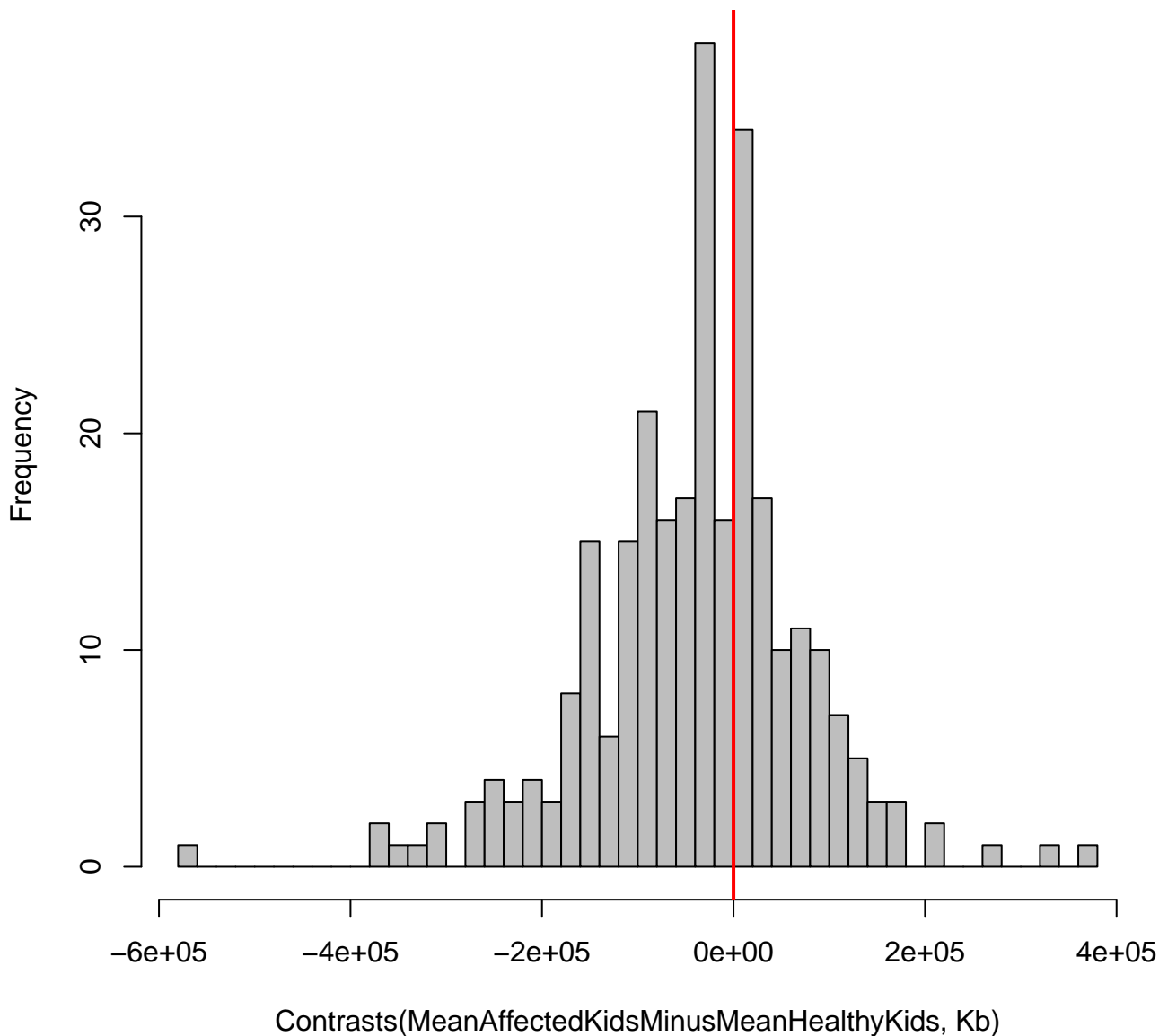
**> 77 % : ObservedMedian = −29439 , Pvalue = 1.32638774198925e−08**
**Number Of Analyzed Kids = 281**
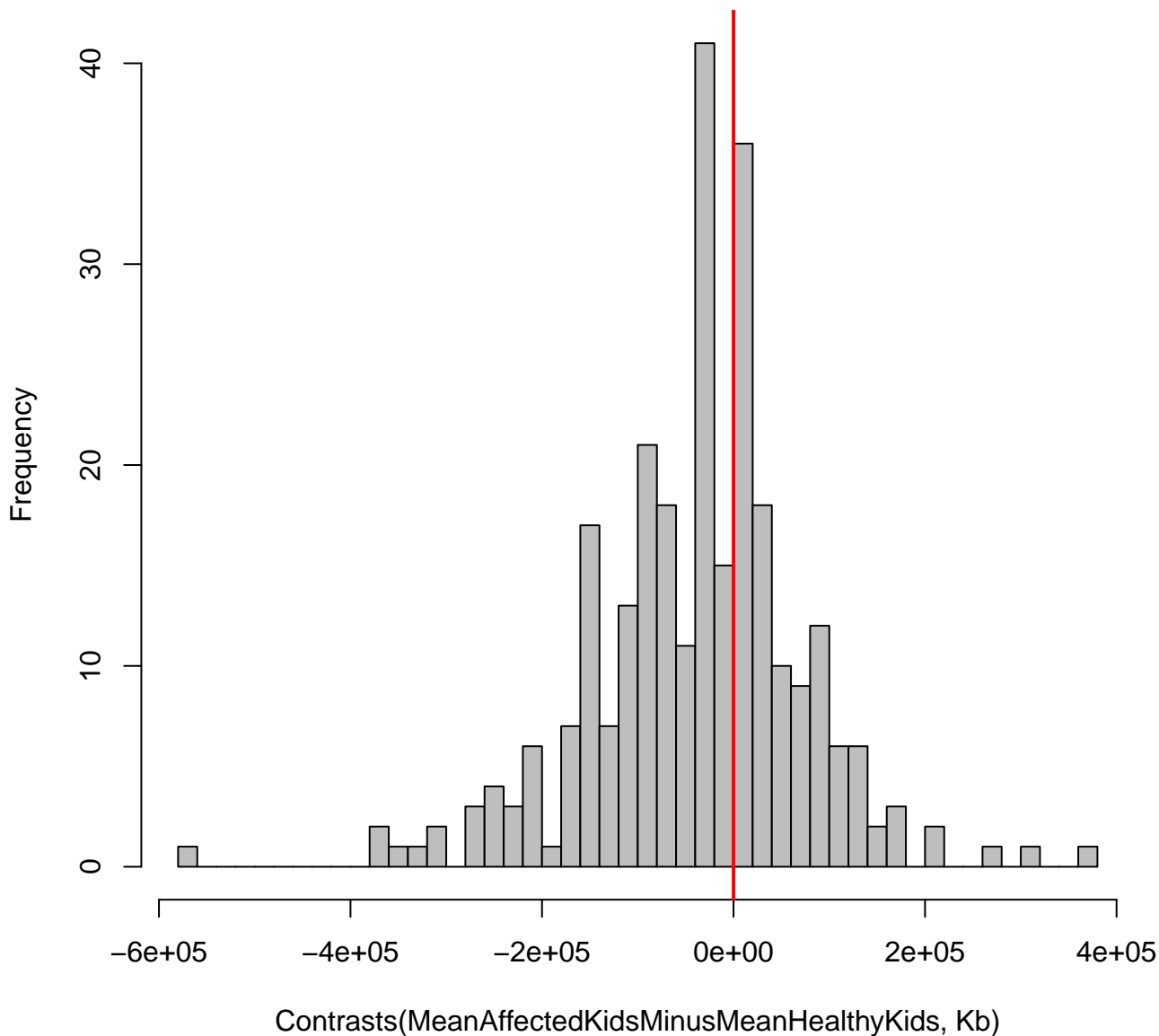
**> 78 % : ObservedMedian = −29624 , Pvalue = 1.32638774198925e−08**
**Number Of Analyzed Kids = 281**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
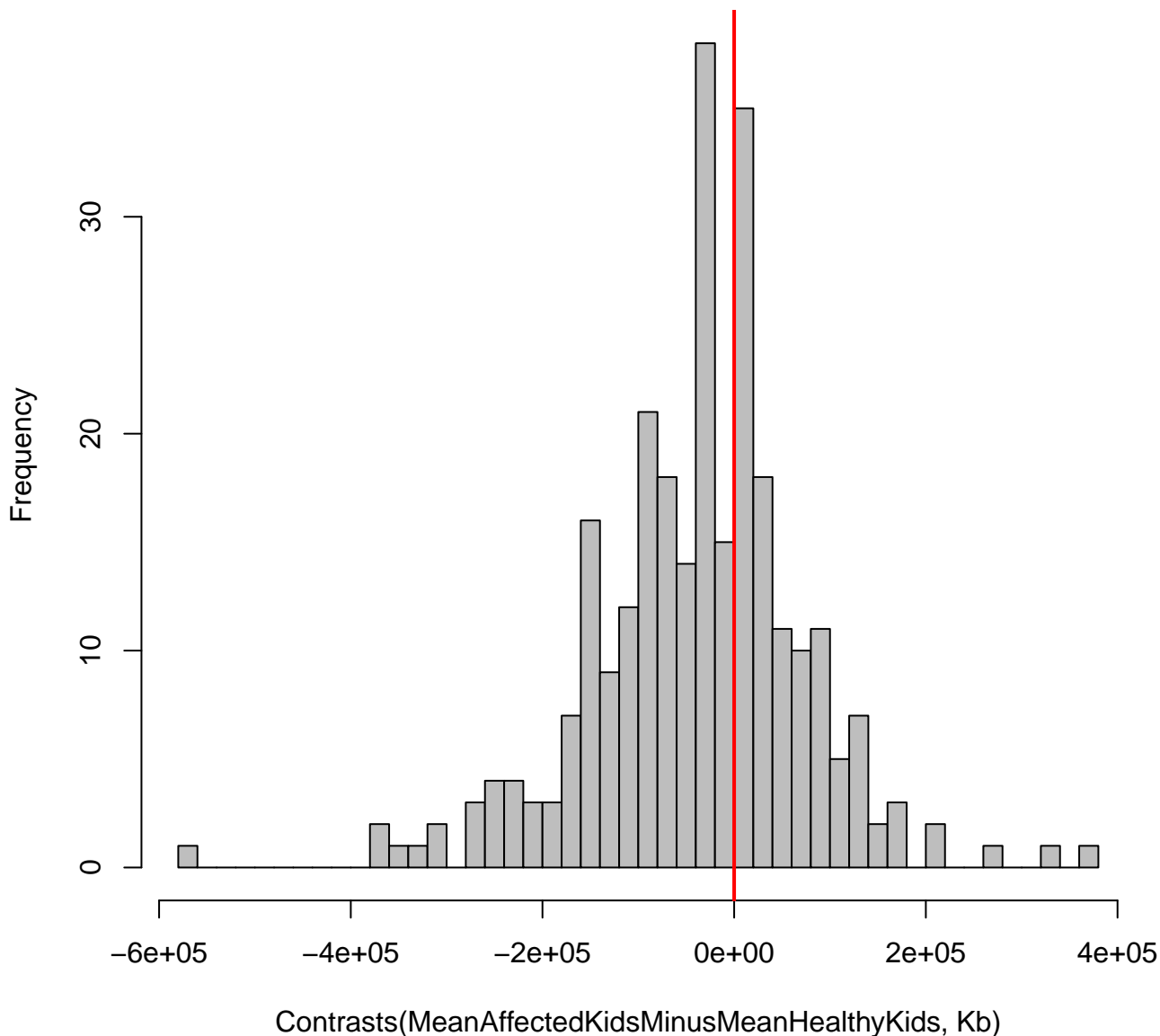
**> 79 % : ObservedMedian = −29638 , Pvalue = 1.69459036831696e−08**
**Number Of Analyzed Kids = 281**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 80 % : ObservedMedian = −30096 , Pvalue = 1.21139097894716e−08**
**Number Of Analyzed Kids = 281**
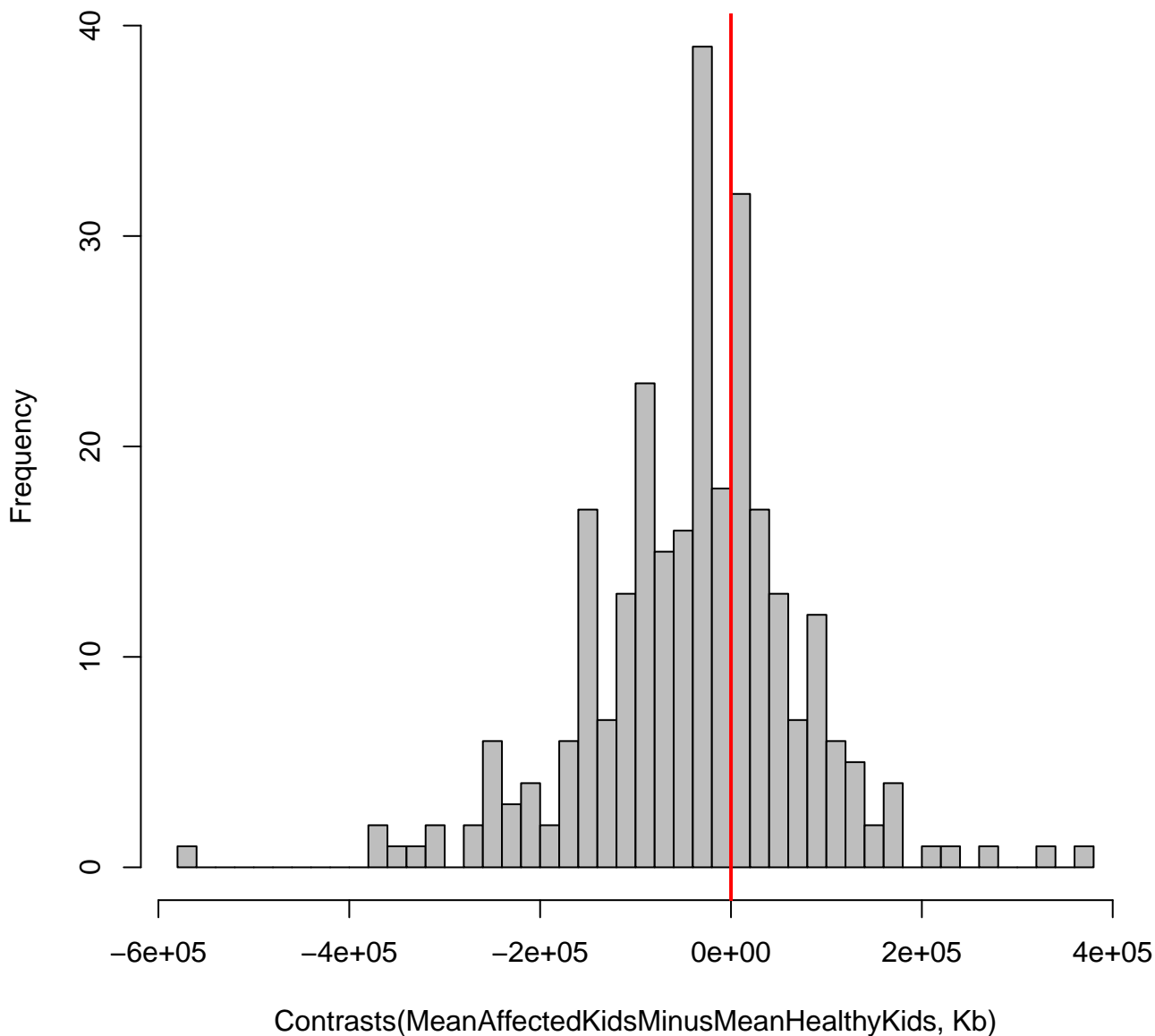
> 81 % : ObservedMedian = −30239 , Pvalue = 1.34856754436857e−08
Number Of Analyzed Kids = 279

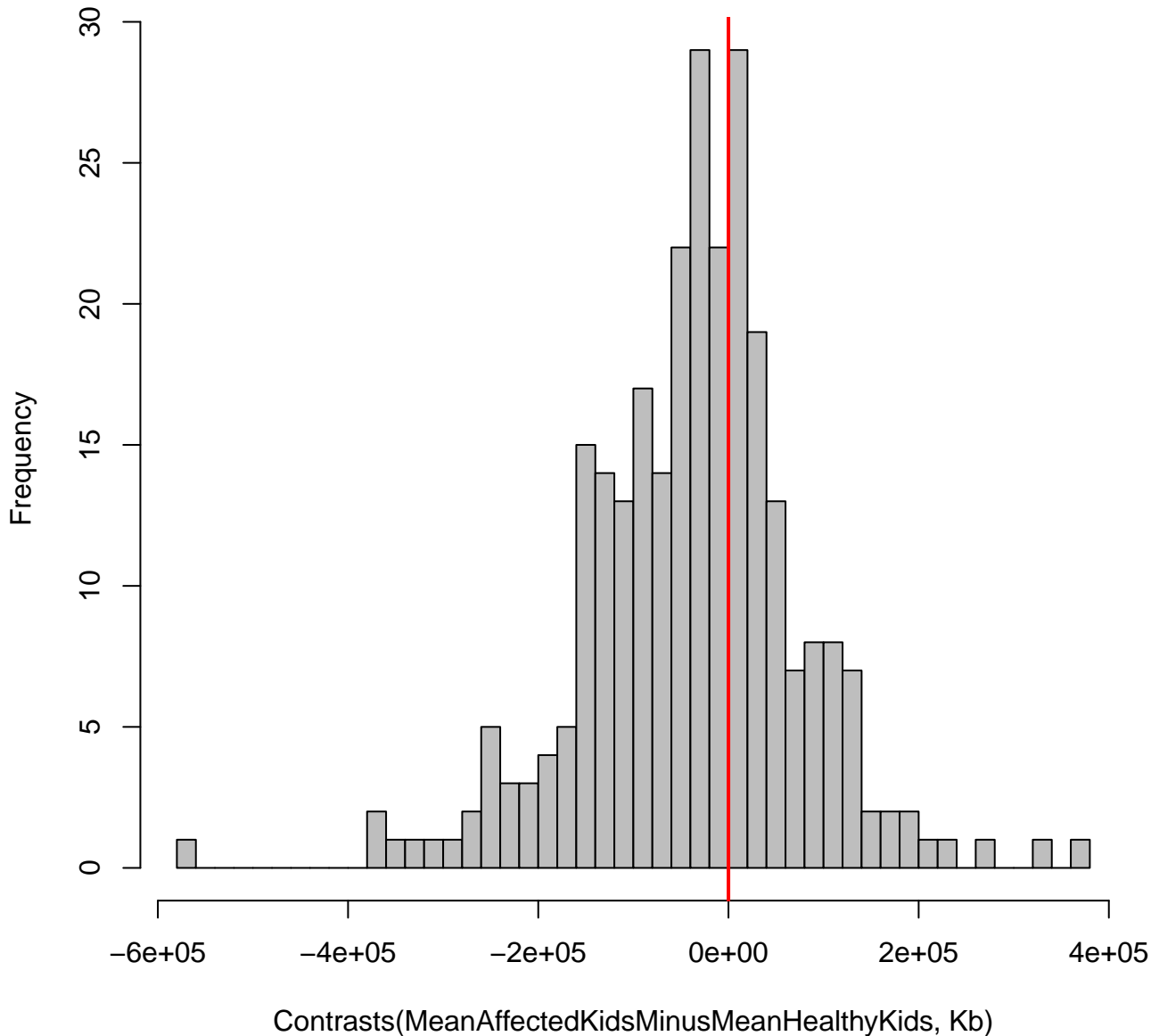Frequency

−6e+05    −4e+05    −2e+05    0e+00    2e+05    4e+05

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
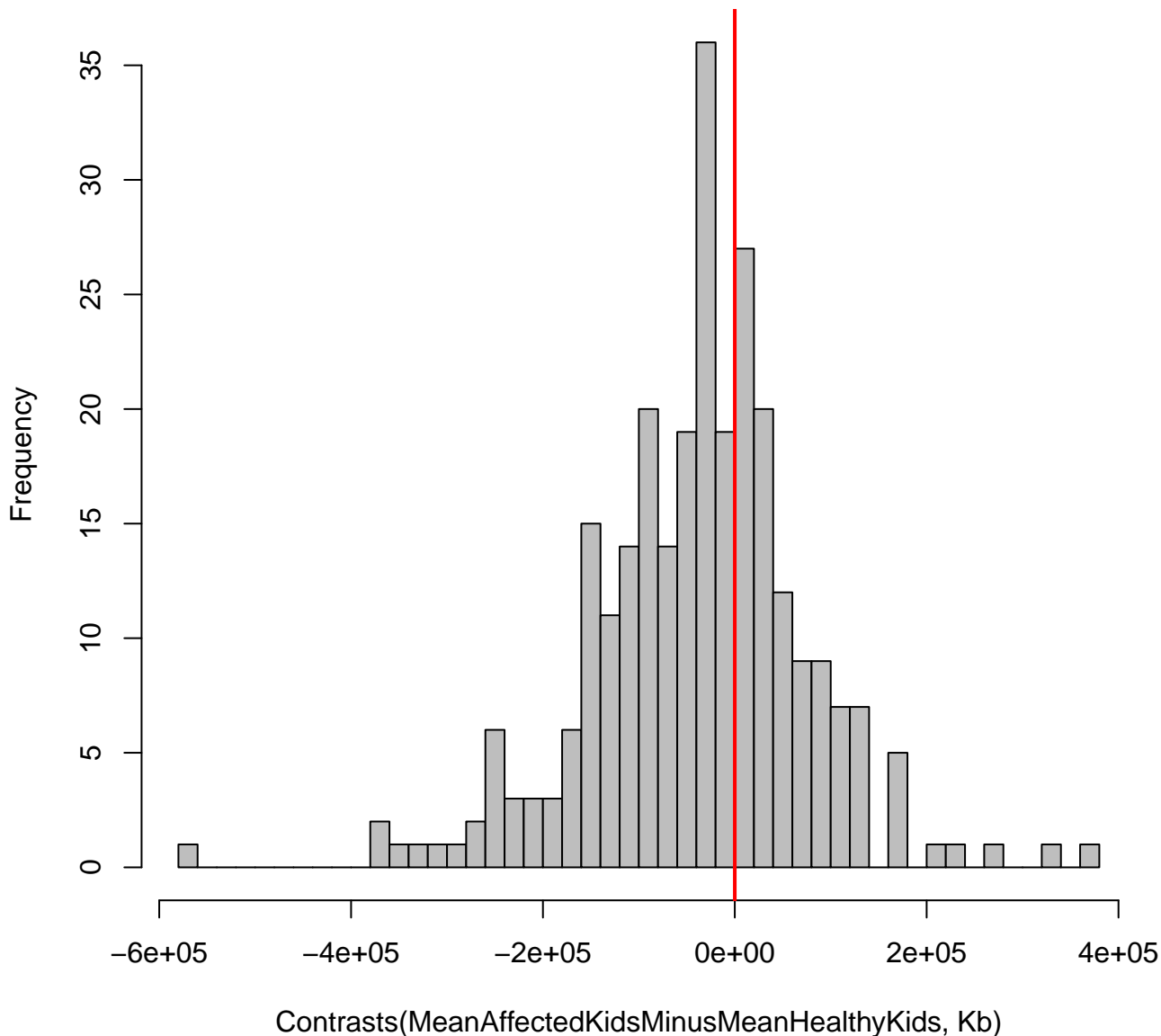
**> 82 % : ObservedMedian = −28901 , Pvalue = 2.06106206013941e−08**
**Number Of Analyzed Kids = 277**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 83 % : ObservedMedian = −32015 , Pvalue = 9.97126255292138e−09**
**Number Of Analyzed Kids = 275**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
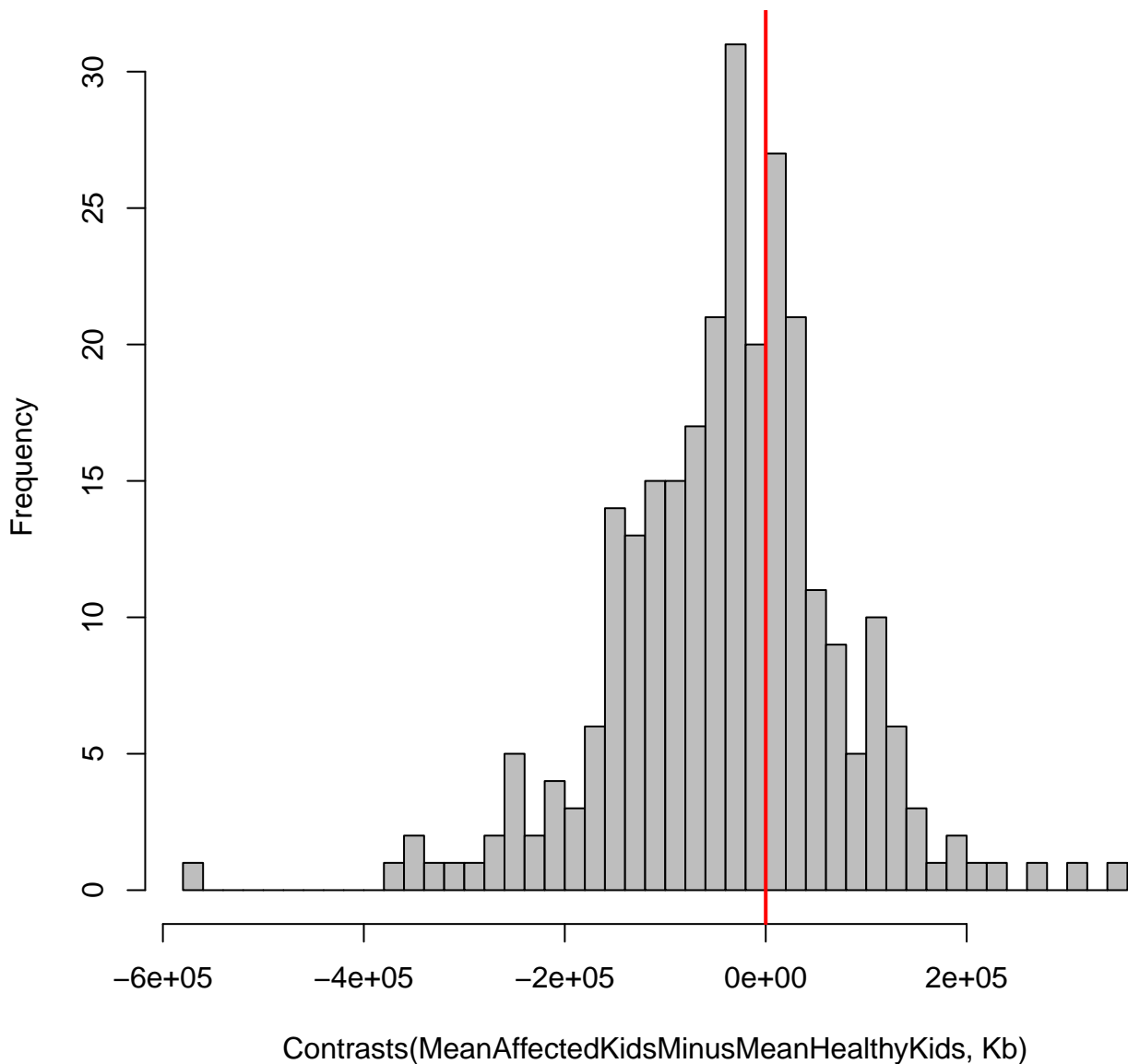
> 84 % : ObservedMedian = −29070 , Pvalue = 1.22929656205553e−08
Number Of Analyzed Kids = 275

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
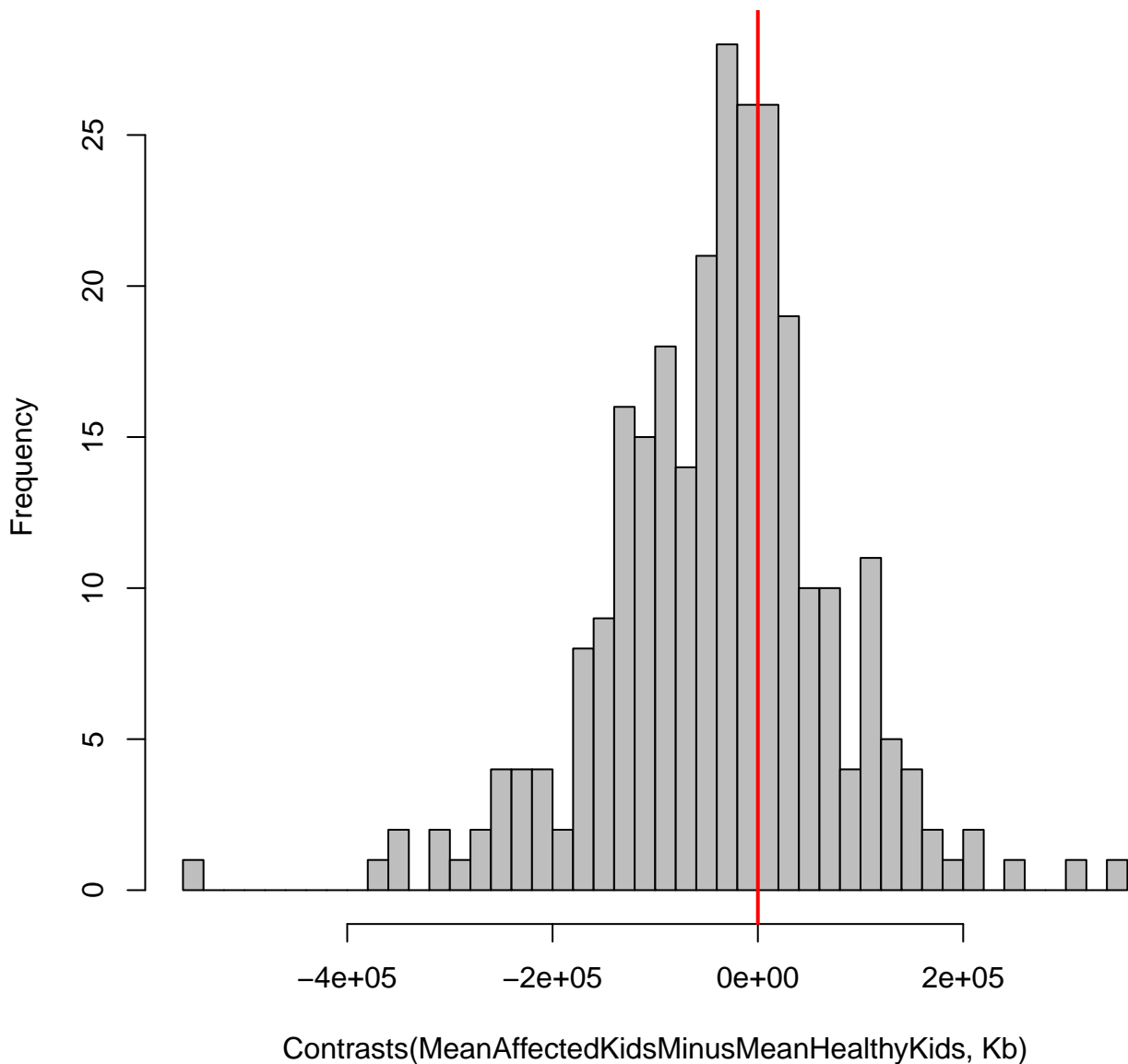
**> 85 % : ObservedMedian = −28499 , Pvalue = 5.25036031229818e−08**
**Number Of Analyzed Kids = 272**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
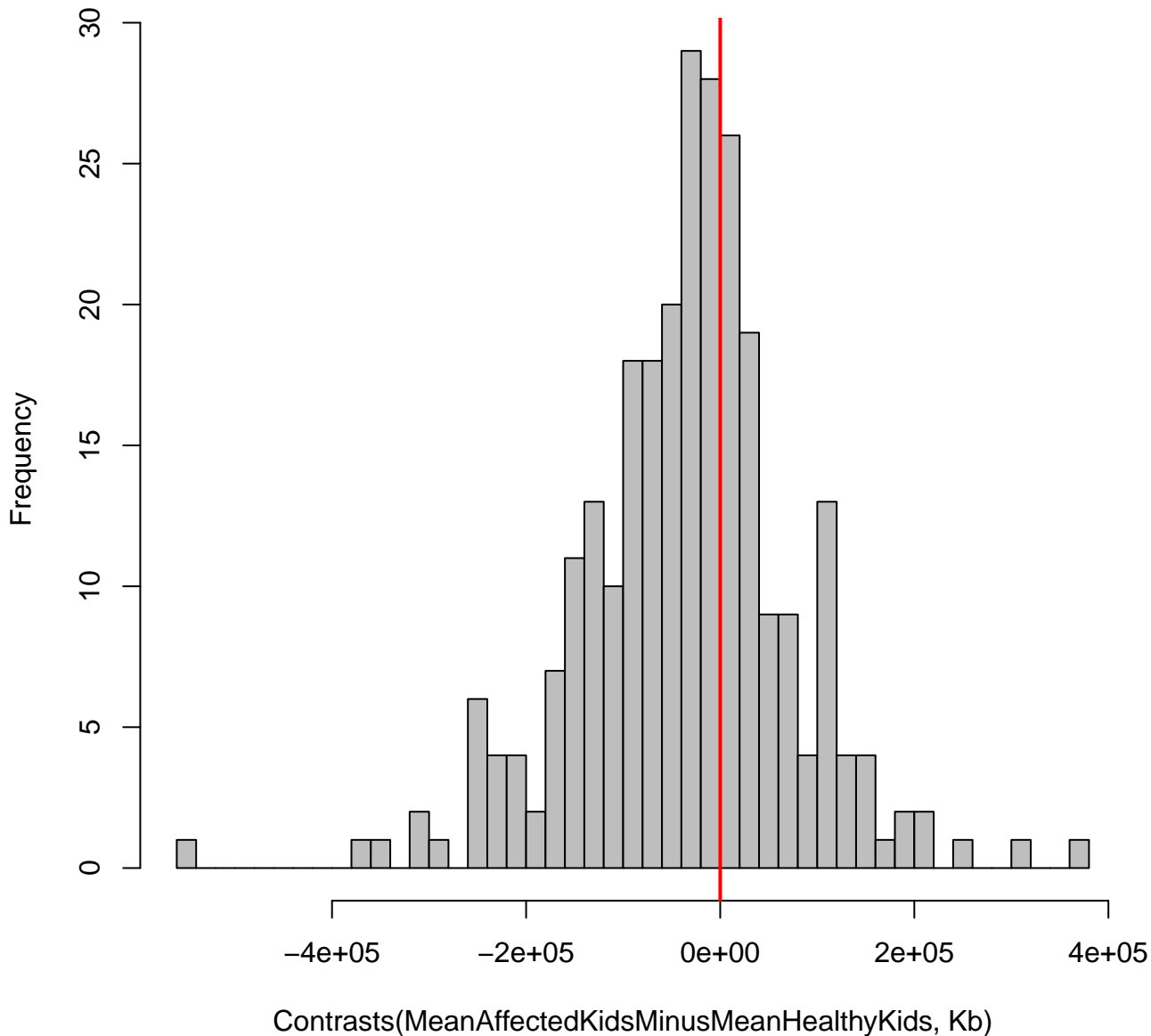
**> 86 % : ObservedMedian = −27821 , Pvalue = 4.78564657526831e−08**
**Number Of Analyzed Kids = 270**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
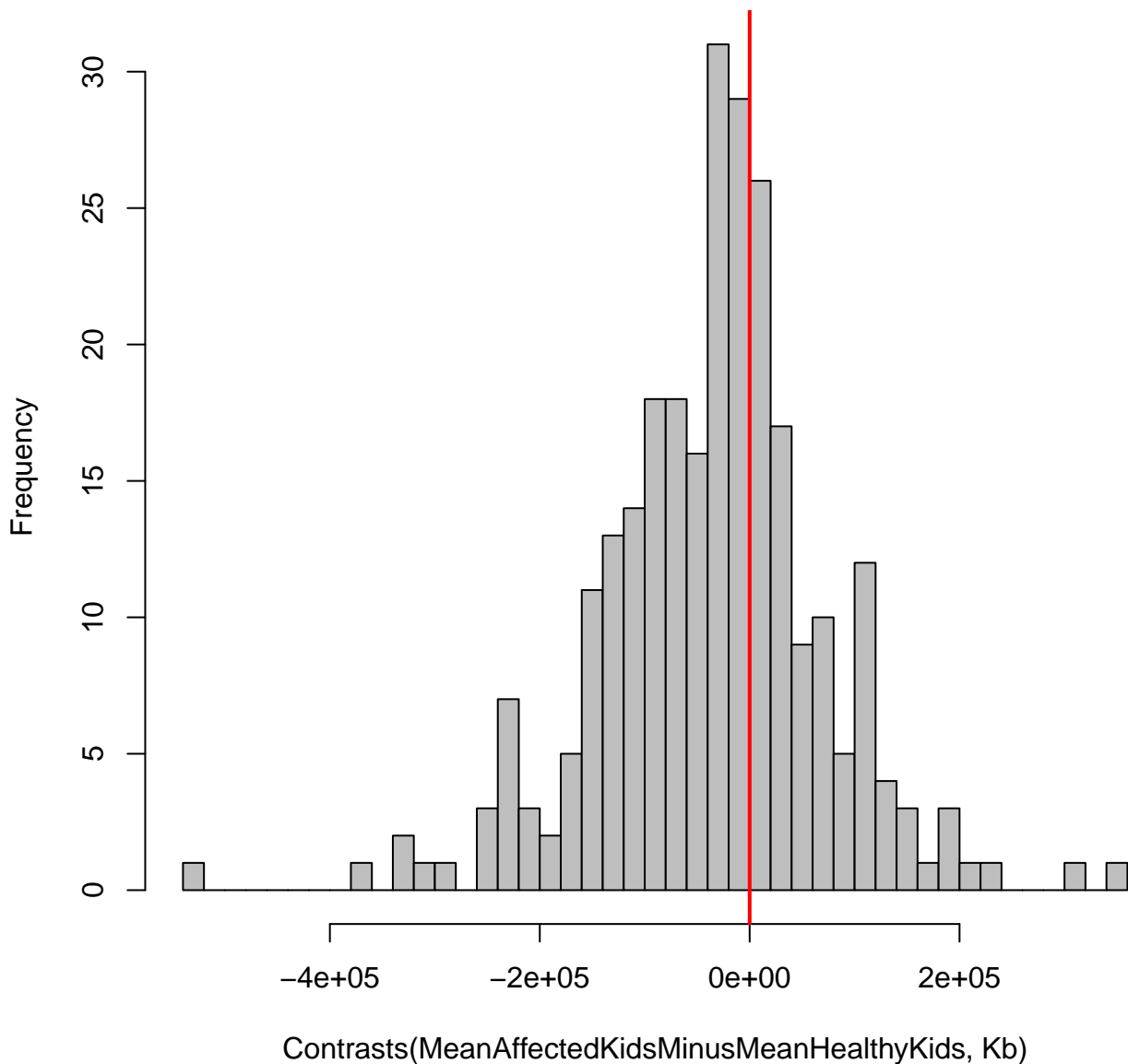
**> 87 % : ObservedMedian = −25136 , Pvalue = 4.64091342148036e−08**
**Number Of Analyzed Kids = 270**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
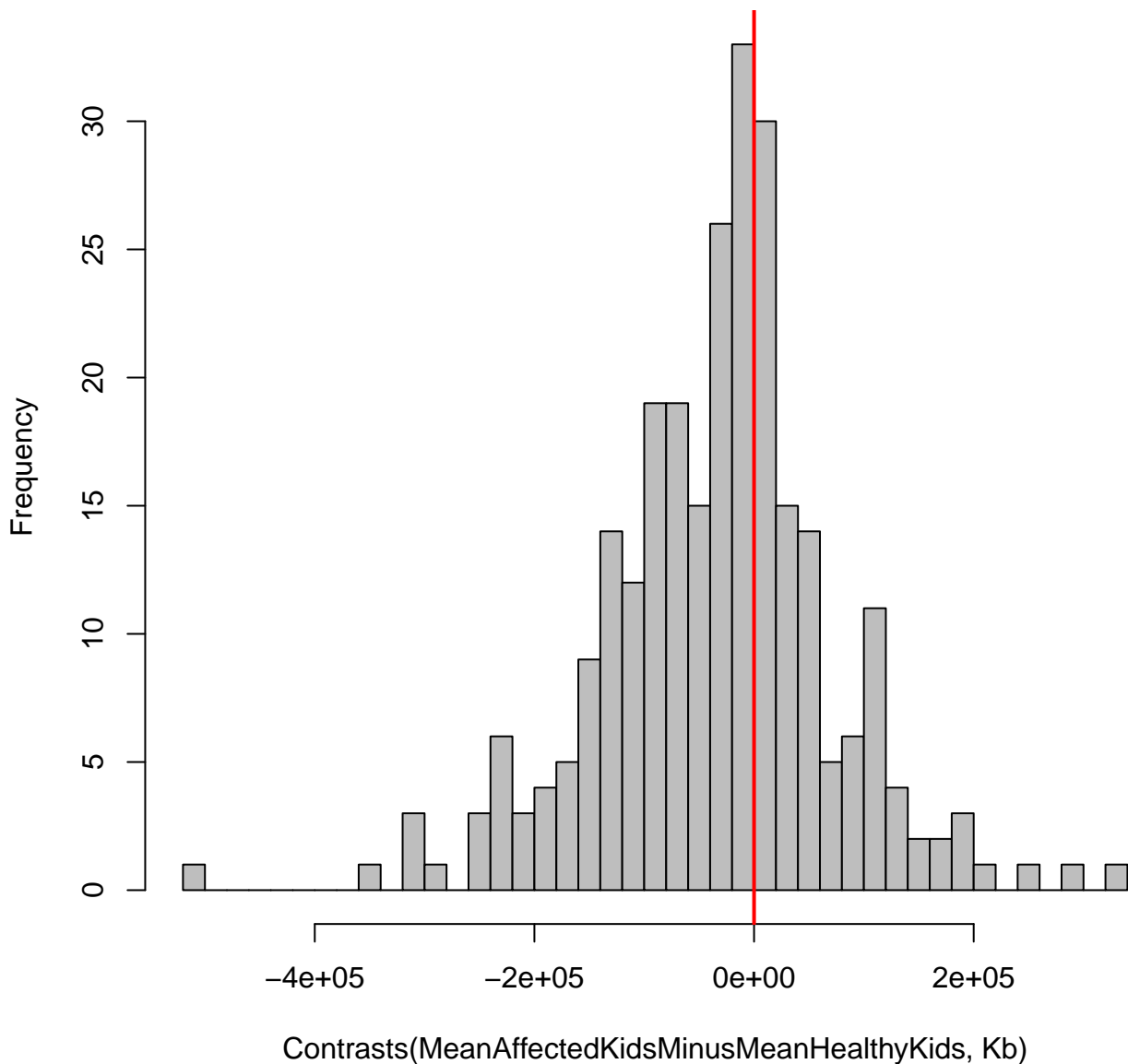
**> 88 % : ObservedMedian = −25401 , Pvalue = 4.01828236315608e−07**
**Number Of Analyzed Kids = 266**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
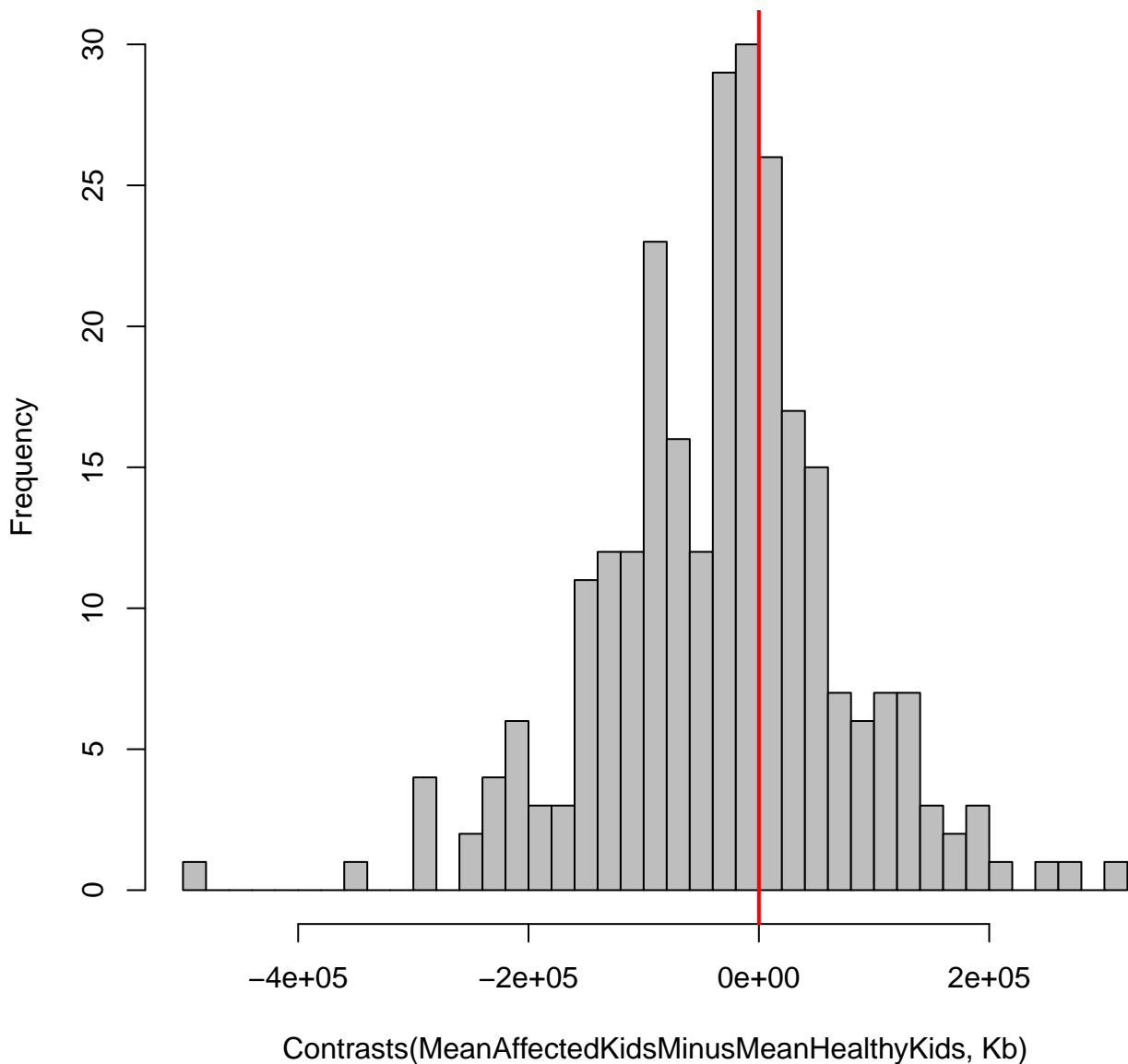
**> 89 % : ObservedMedian = −25071 , Pvalue = 2.10126463248404e−07**
**Number Of Analyzed Kids = 258**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
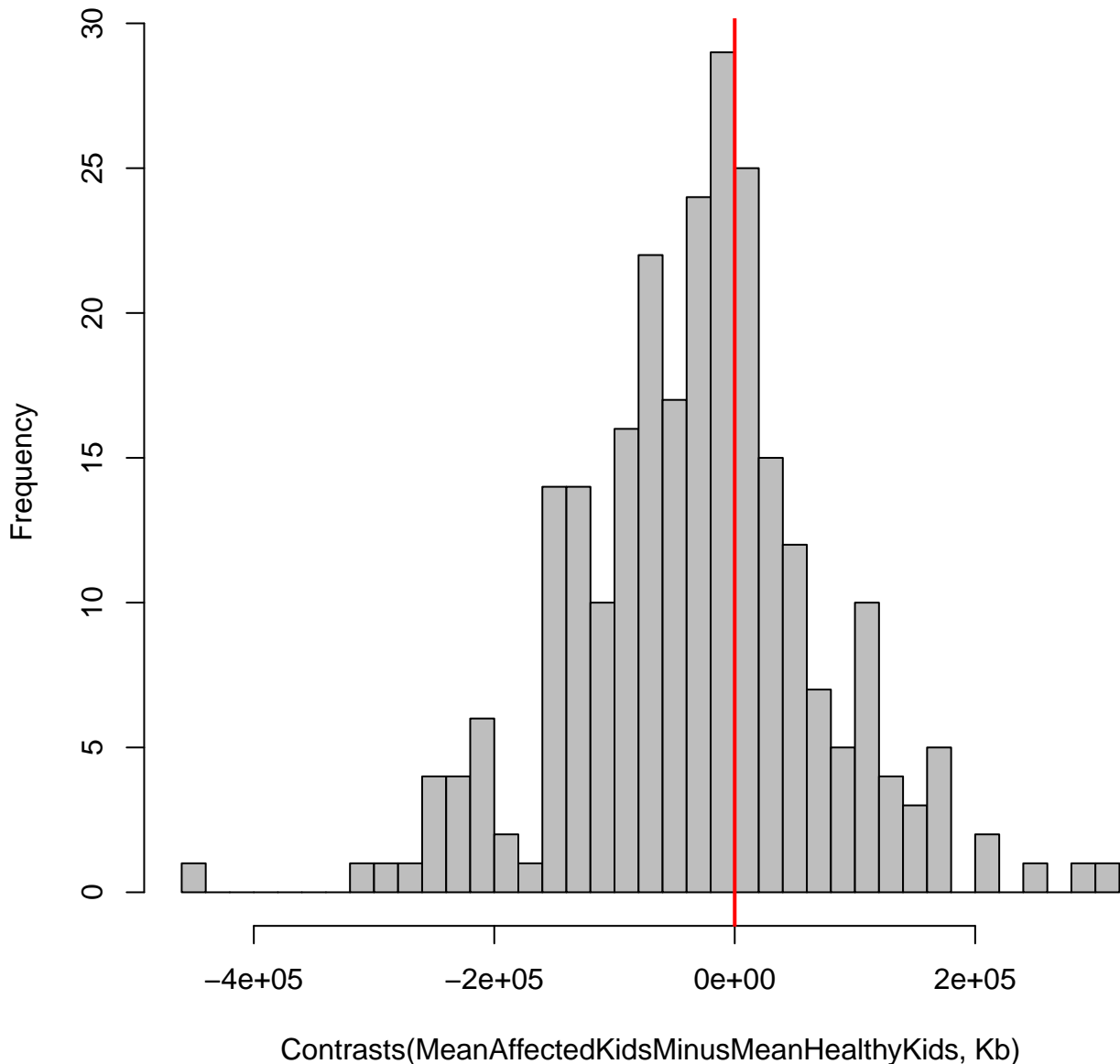
**> 90 % : ObservedMedian = −26703 , Pvalue = 2.70905168139654e−07**
**Number Of Analyzed Kids = 258**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
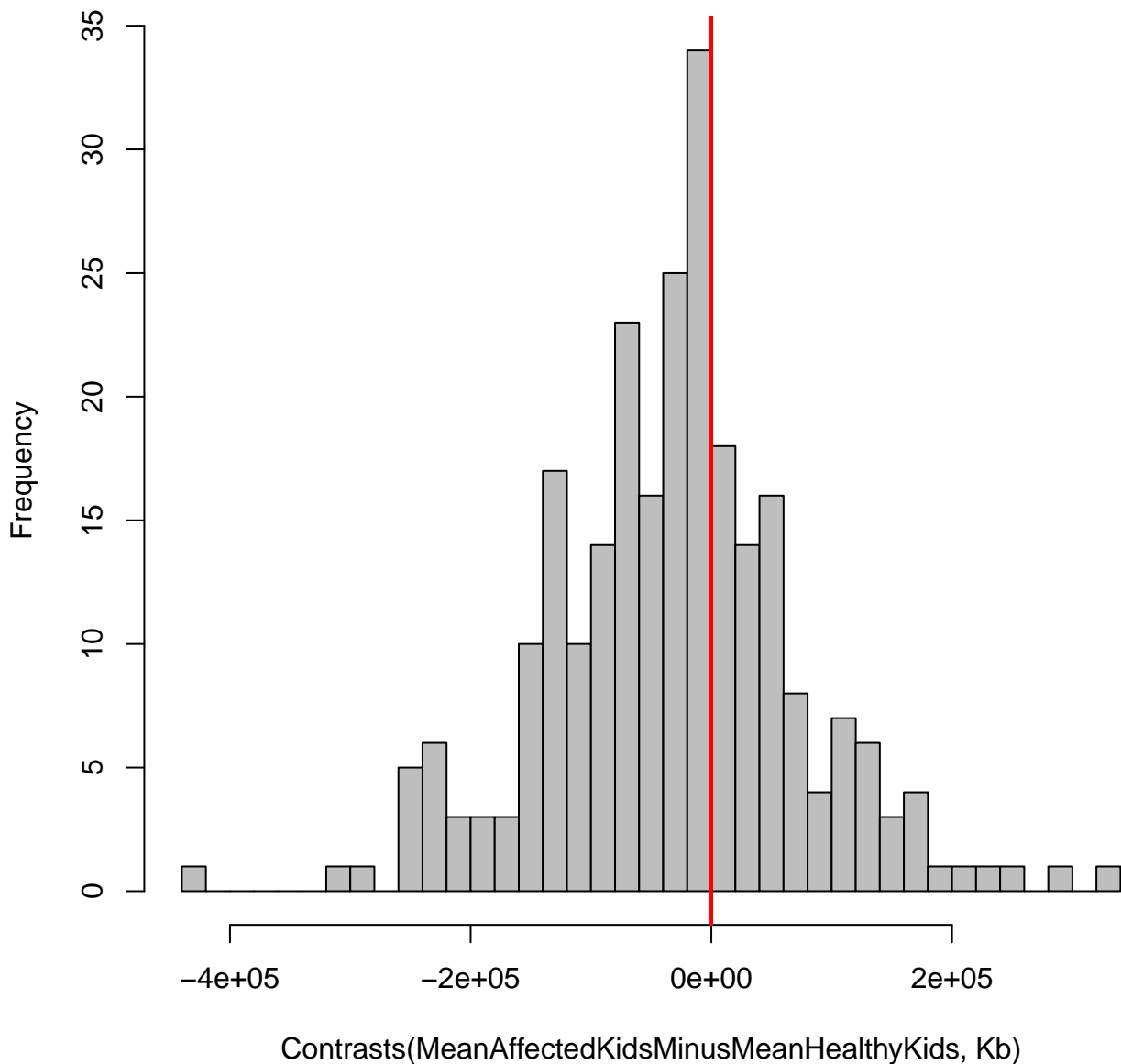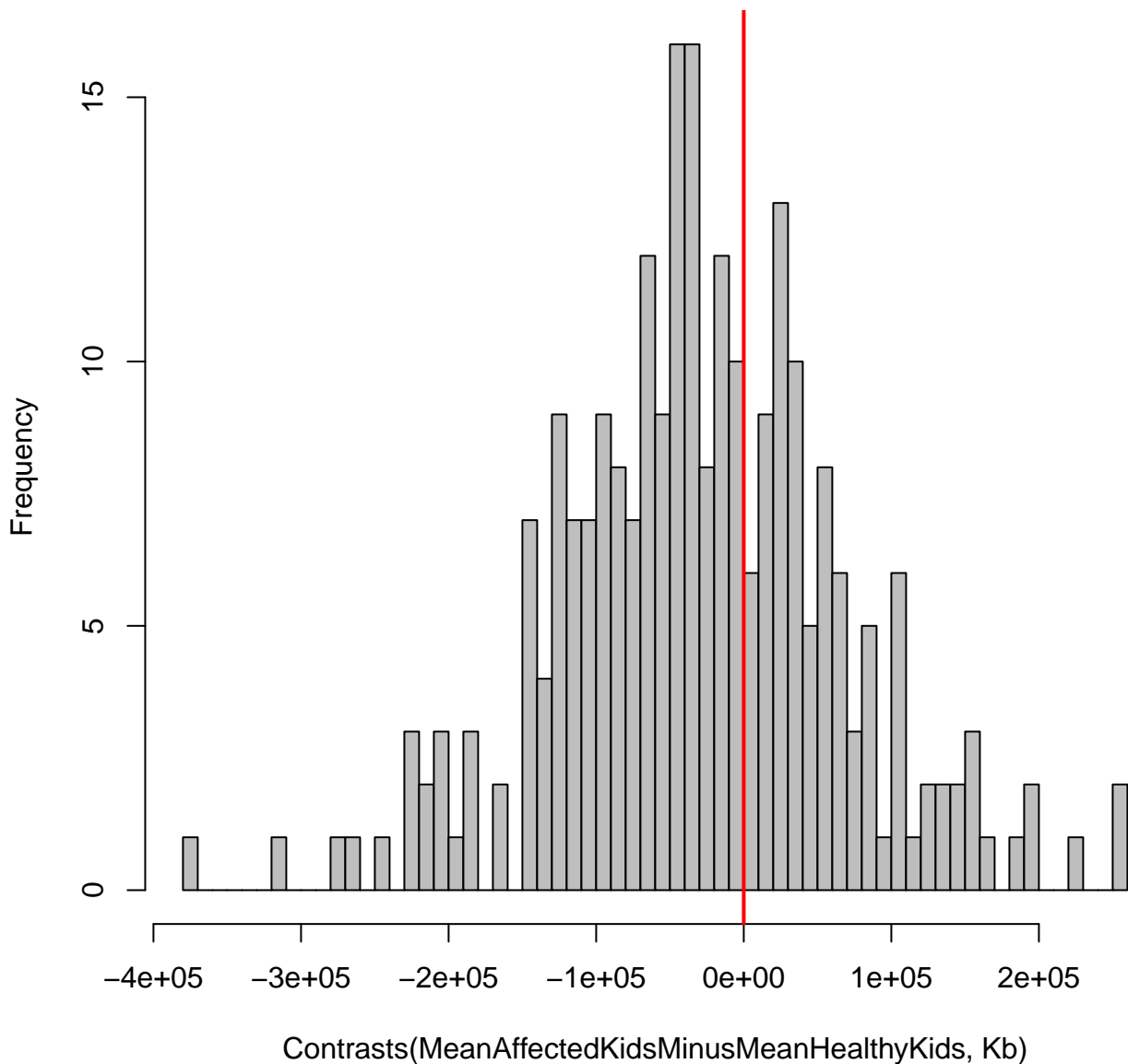
> 91 % : ObservedMedian = −24806 , Pvalue = 3.16298158970413e−07
Number Of Analyzed Kids = 258
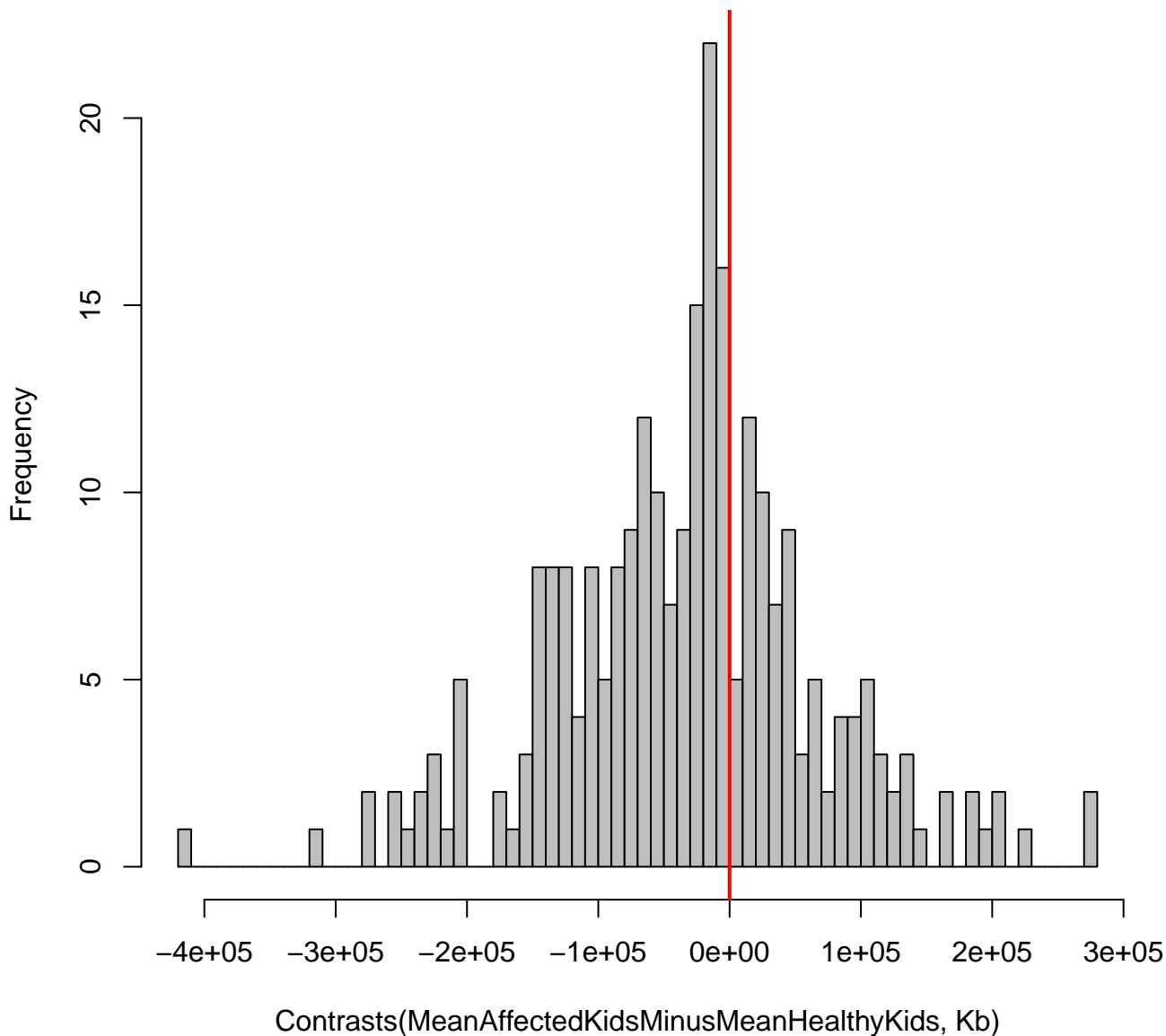
**> 92 % : ObservedMedian = −27987 , Pvalue = 1.75237430017104e−07**
**Number Of Analyzed Kids = 252**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
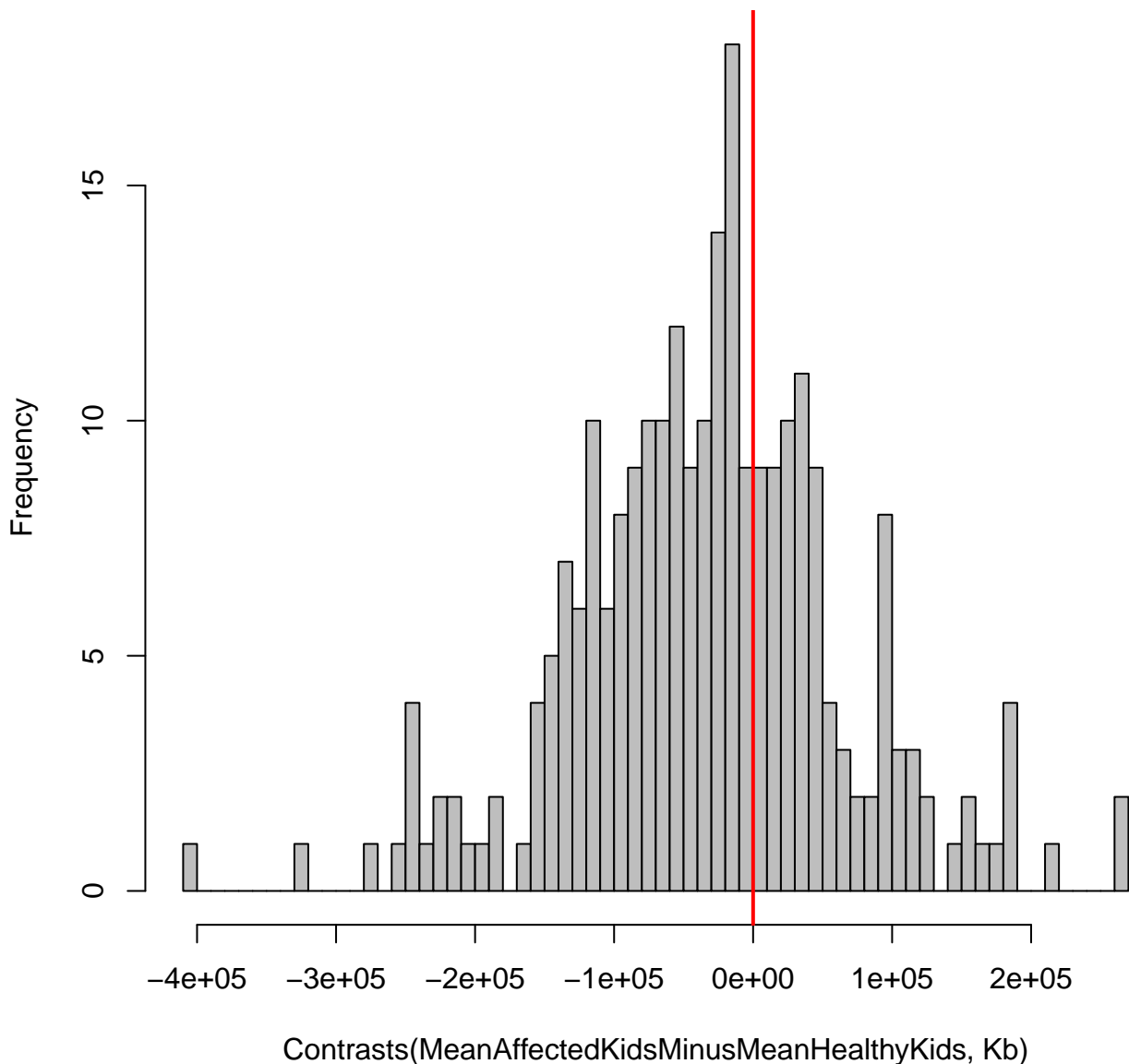
> 93 % : ObservedMedian = −35460 , Pvalue = 1.10326286561693e−06
Number Of Analyzed Kids = 249

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)

**> 94 % : ObservedMedian = −30037 , Pvalue = 1.80701049517691e−06**
**Number Of Analyzed Kids = 245**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
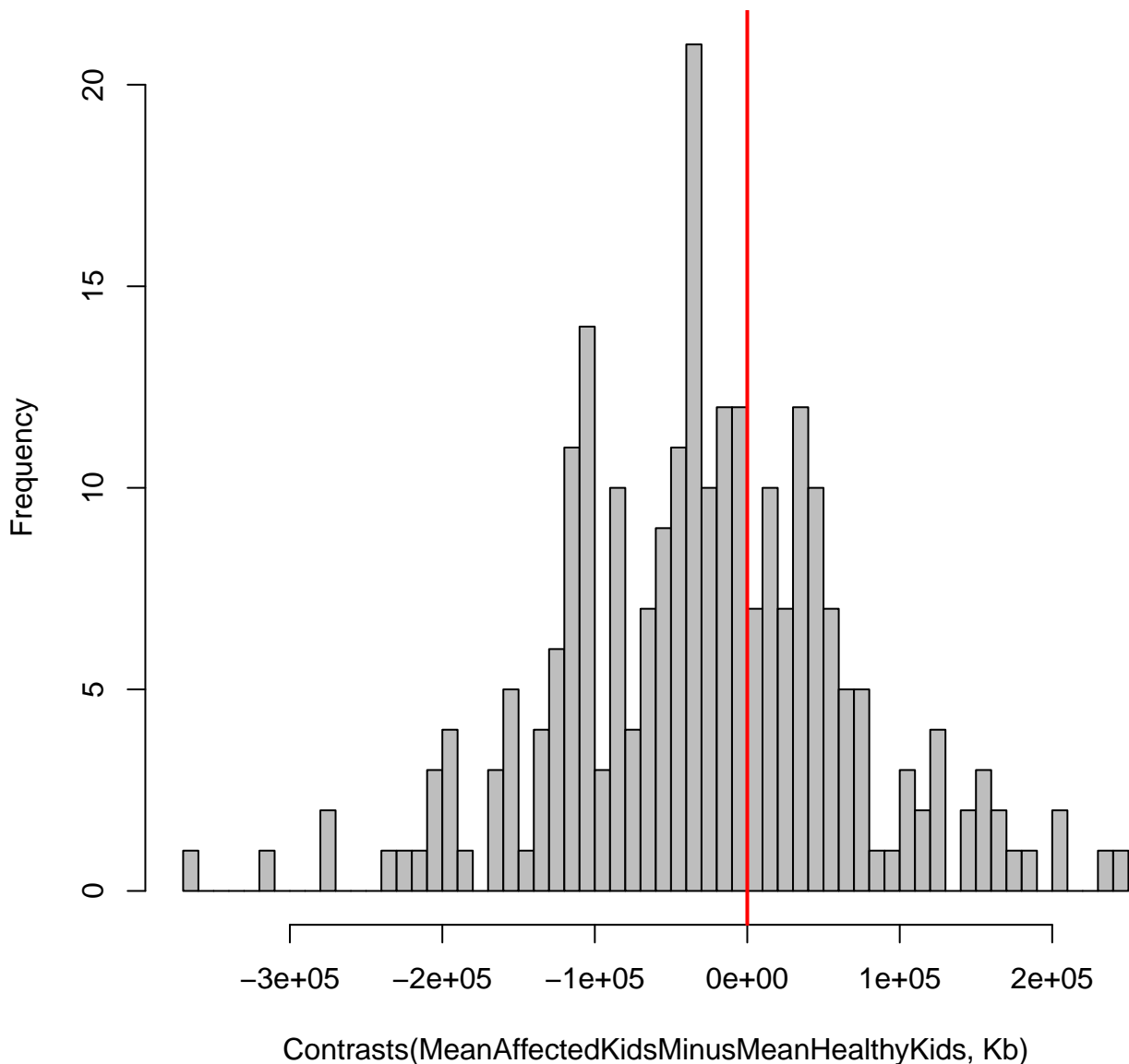
**> 95 % : ObservedMedian = −23214 , Pvalue = 2.7126880538344e−05**
**Number Of Analyzed Kids = 232**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
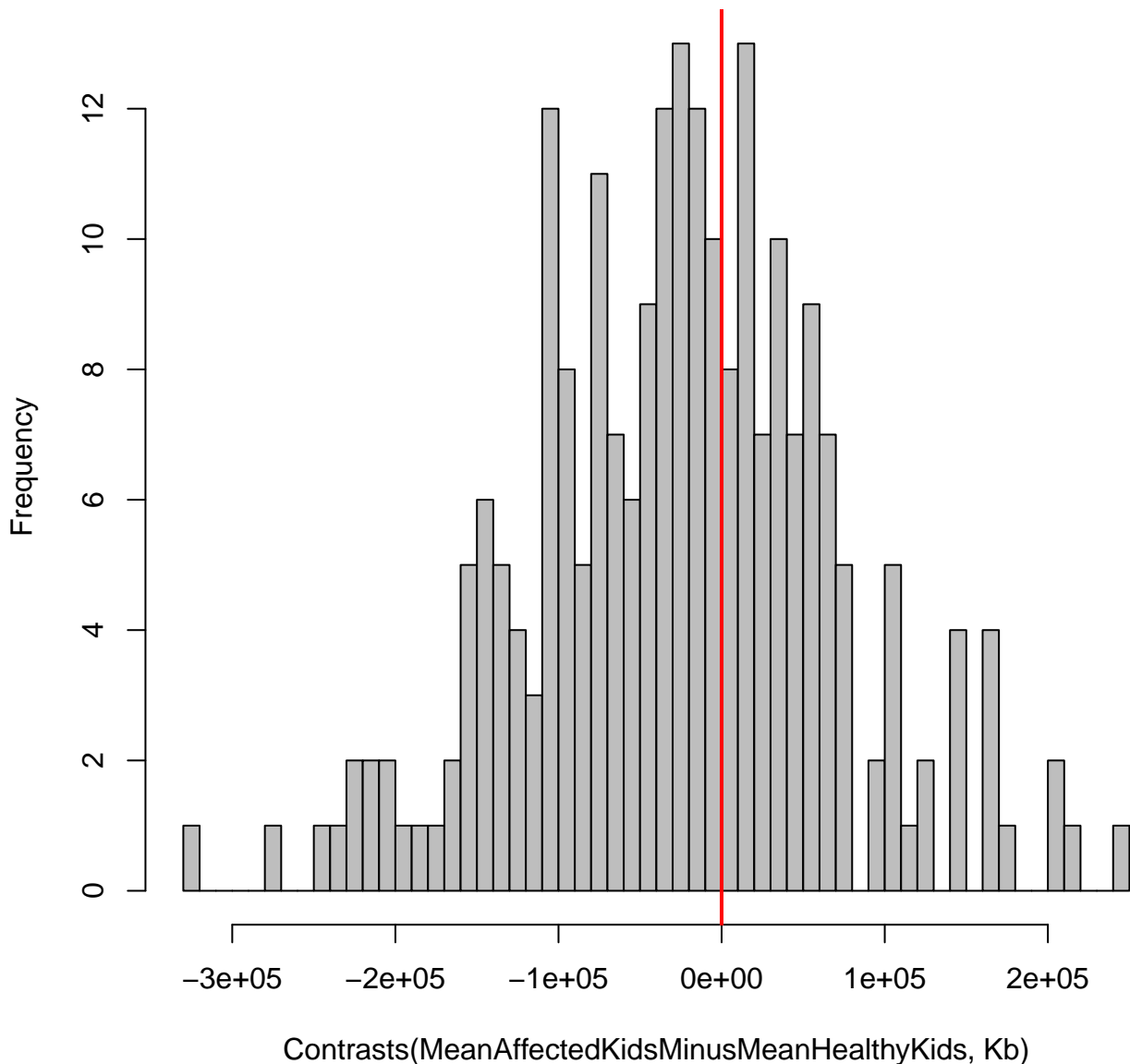
**> 96 % : ObservedMedian = −21767 , Pvalue = 4.56795787657592e−06**
**Number Of Analyzed Kids = 221**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
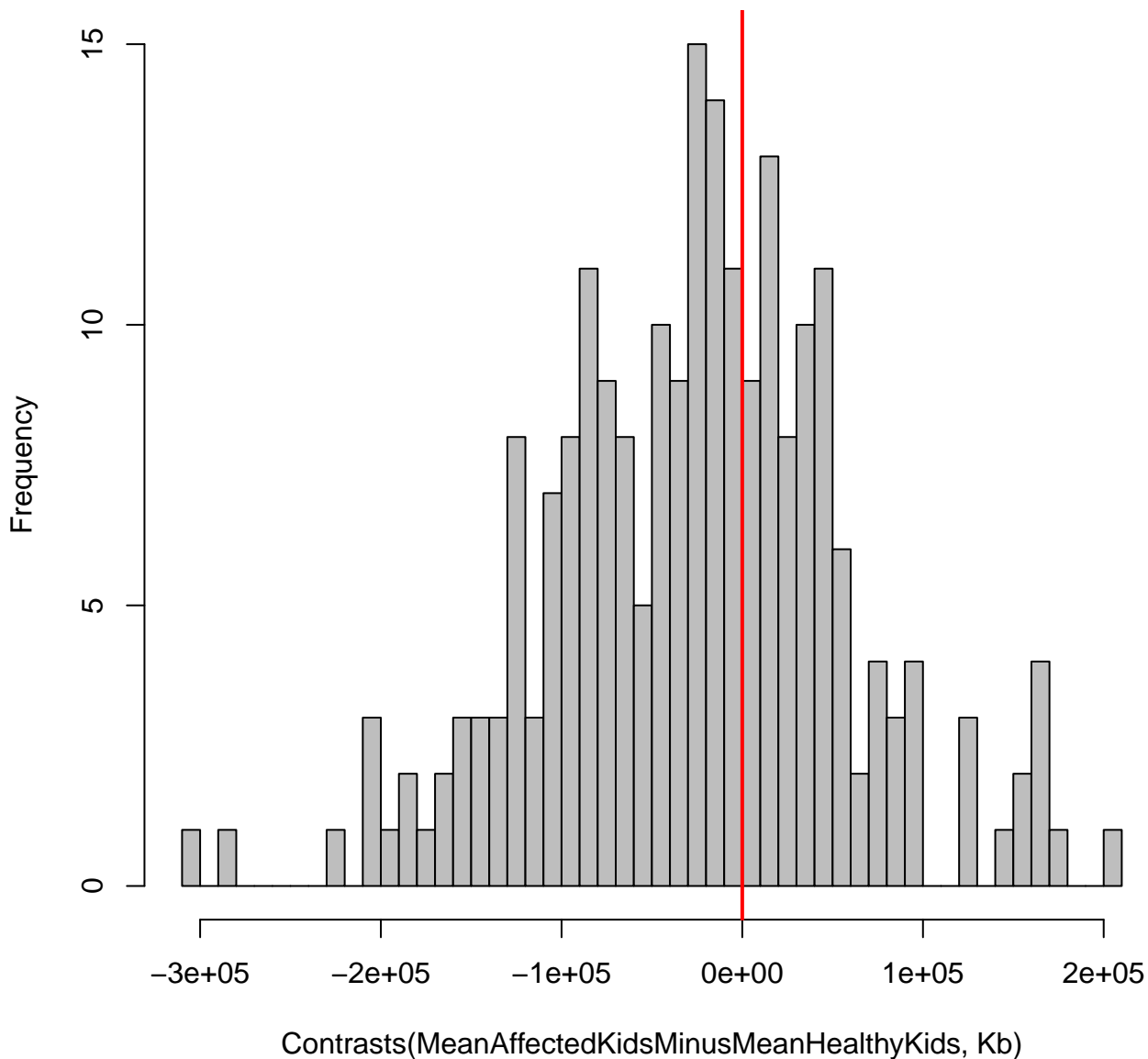
> 97 % : ObservedMedian = −18410 , Pvalue = 1.26745367144825e−05
Number Of Analyzed Kids = 204

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
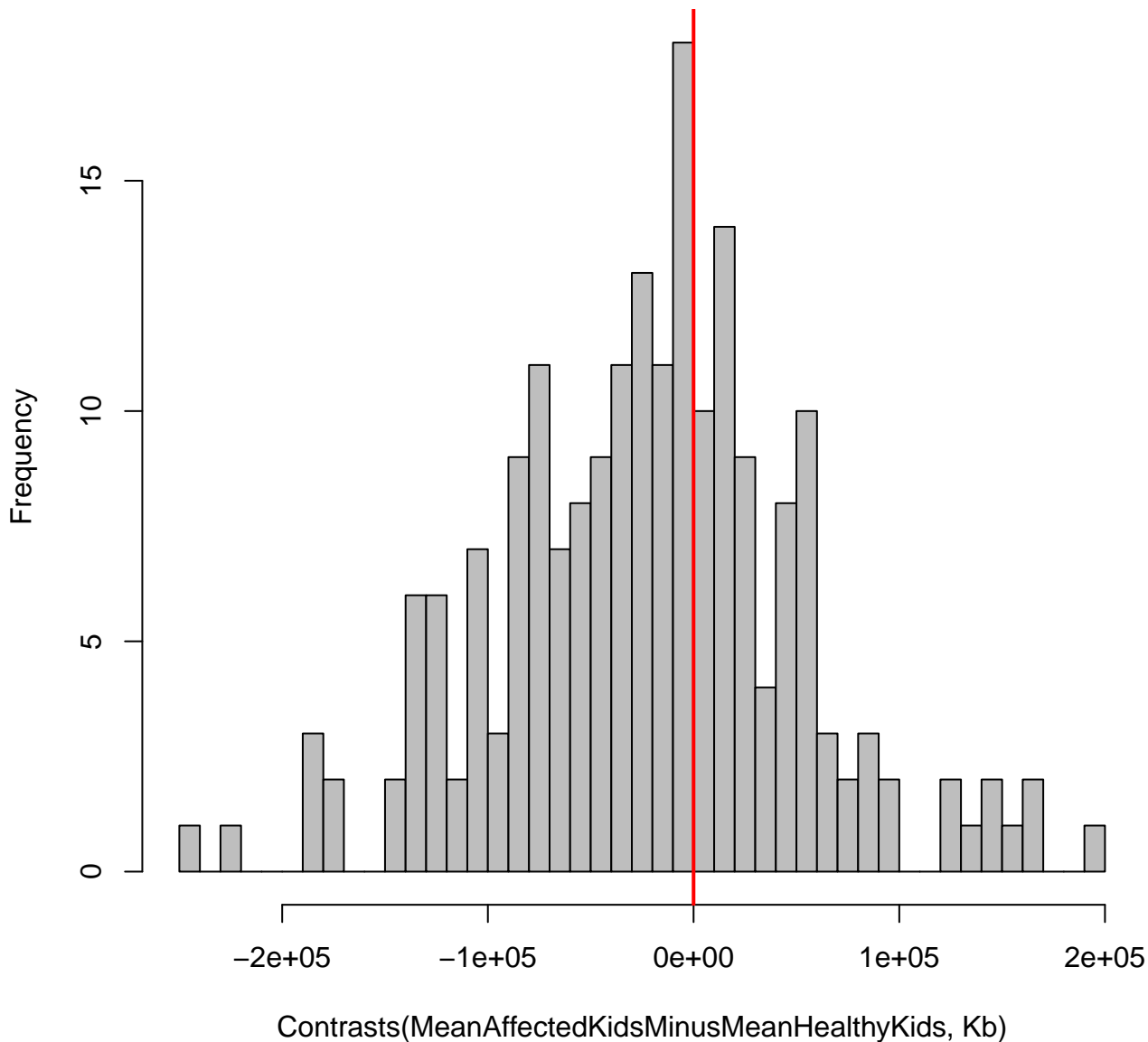
**> 98 % : ObservedMedian = −18723 , Pvalue = 7.05319778374731e−05**
**Number Of Analyzed Kids = 169**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)
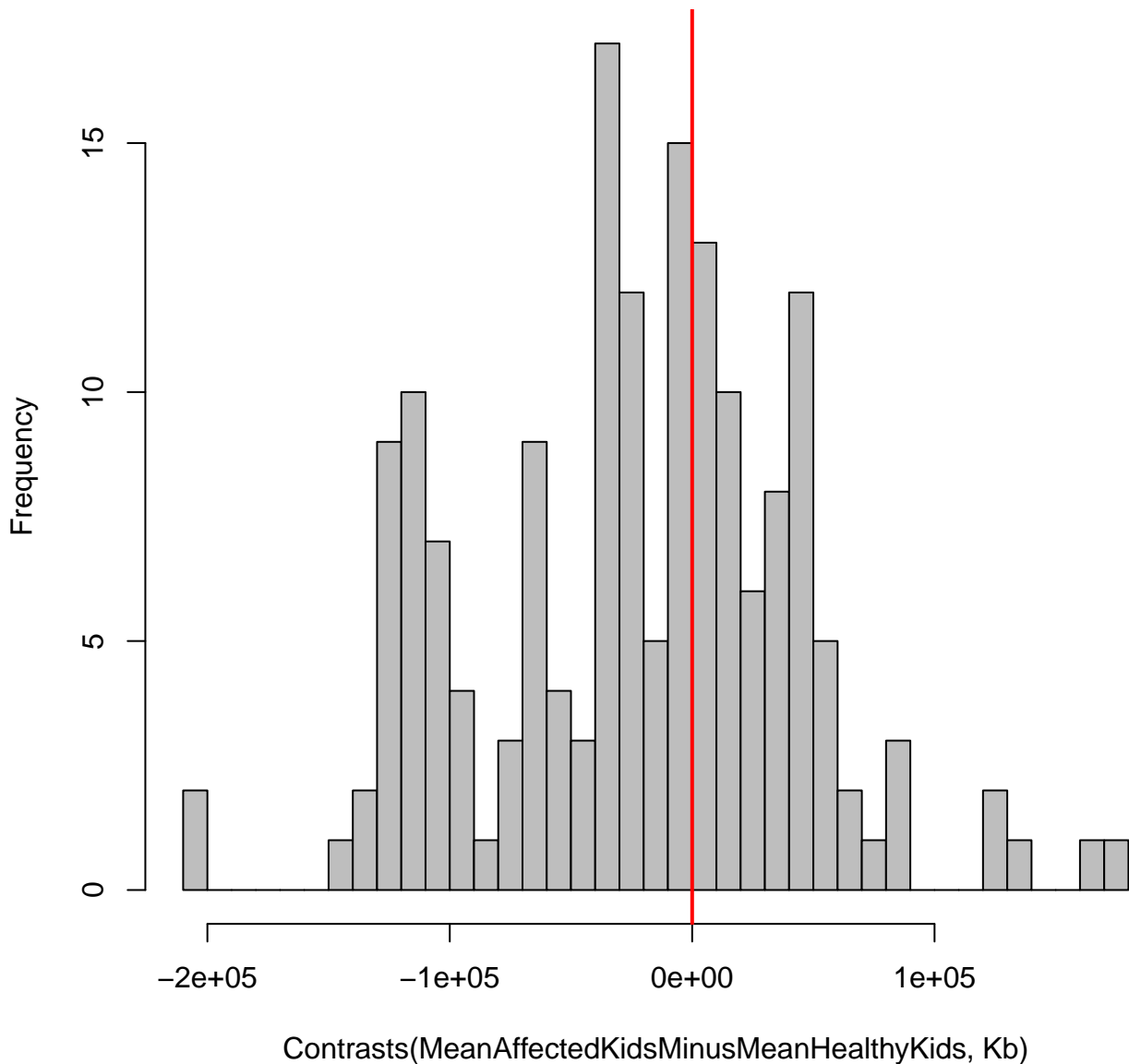
**> 99 % : ObservedMedian = −3776 , Pvalue = 0.0429885820006309**
**Number Of Analyzed Kids = 90**

Frequency

Contrasts(MeanAffectedKidsMinusMeanHealthyKids, Kb)