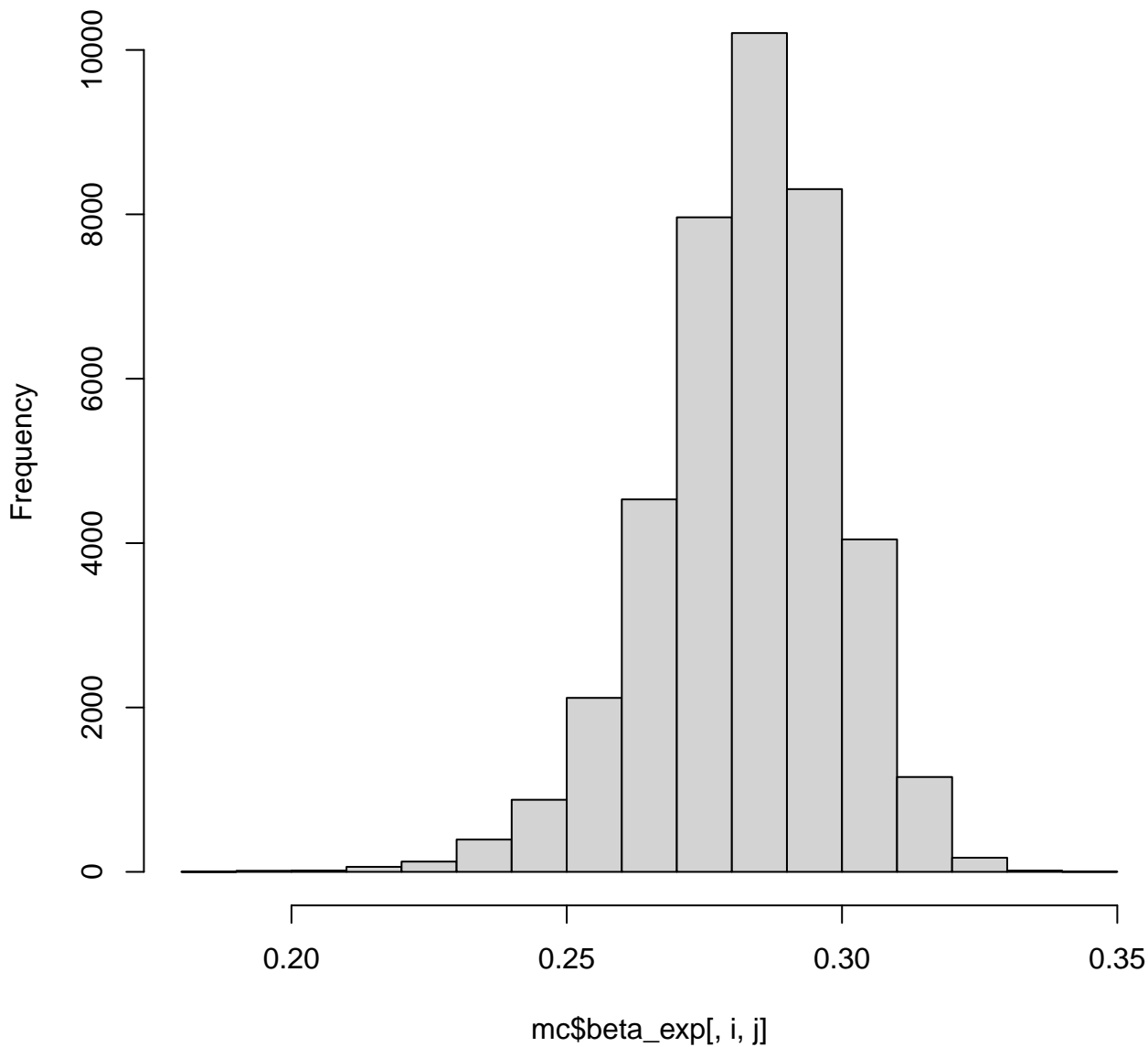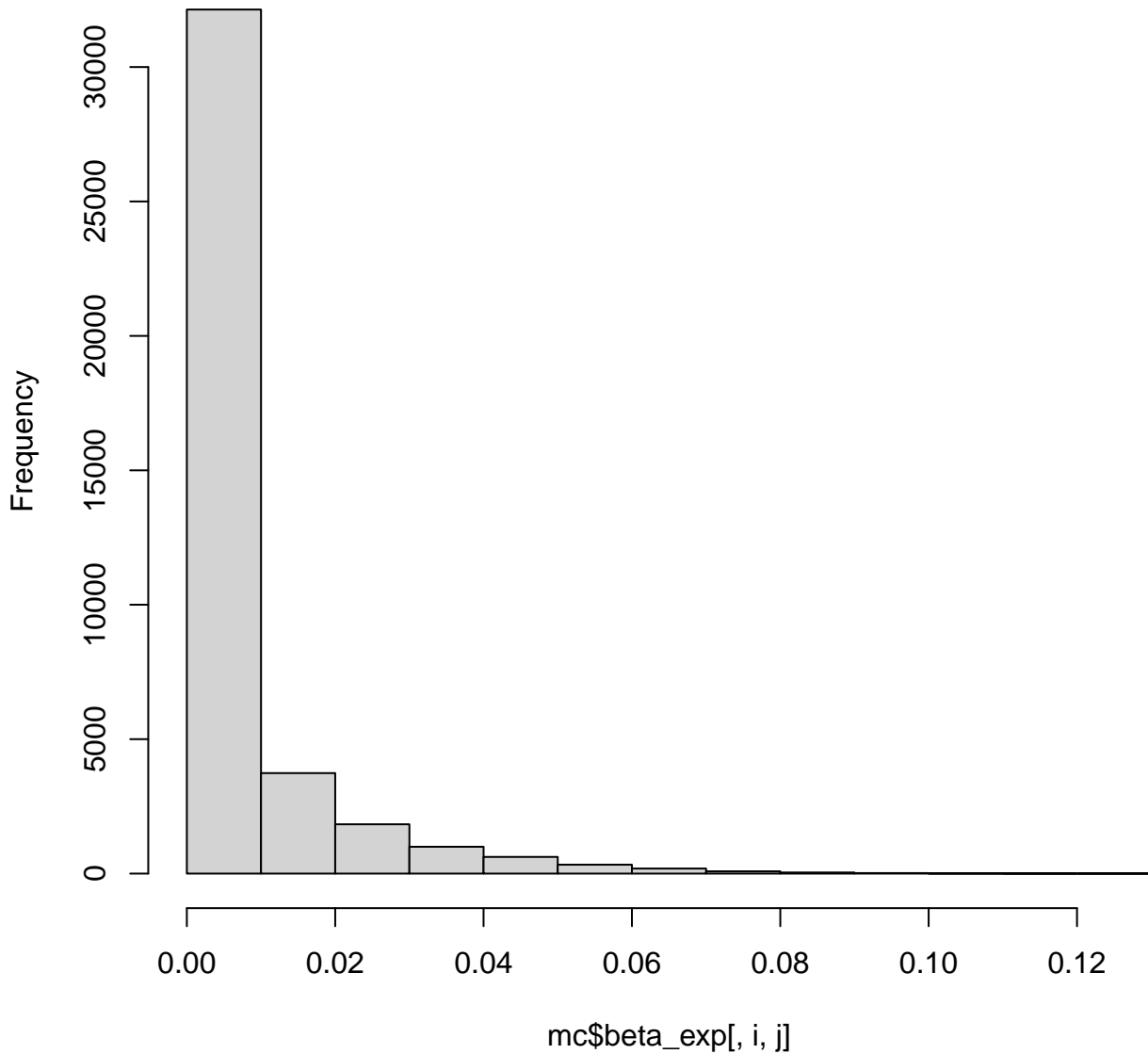**Athens, GA: intercept**

**Athens, GA: geo1**

**Athens, GA: geo2**

Frequency

mc$beta_exp[, i, j]
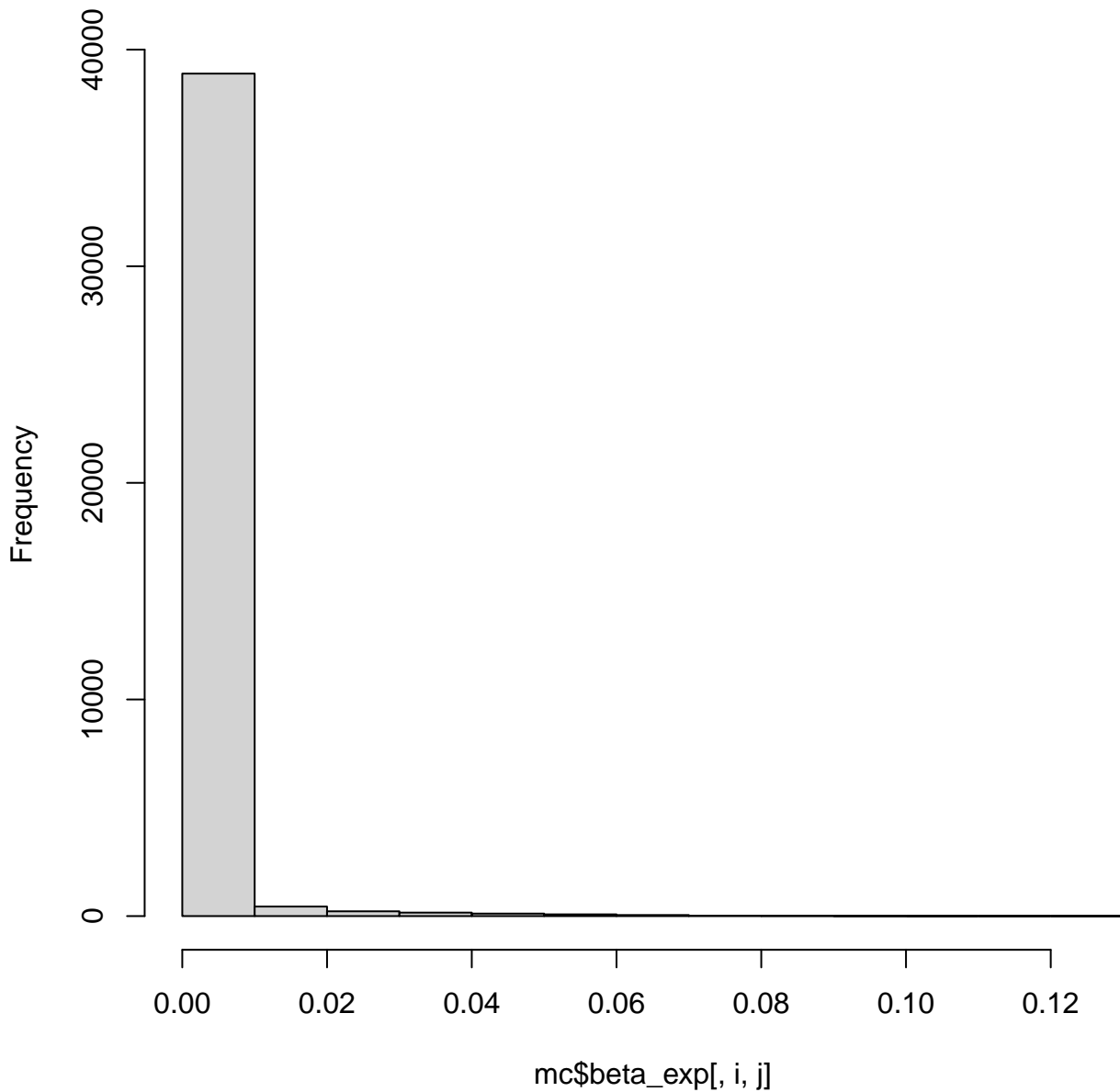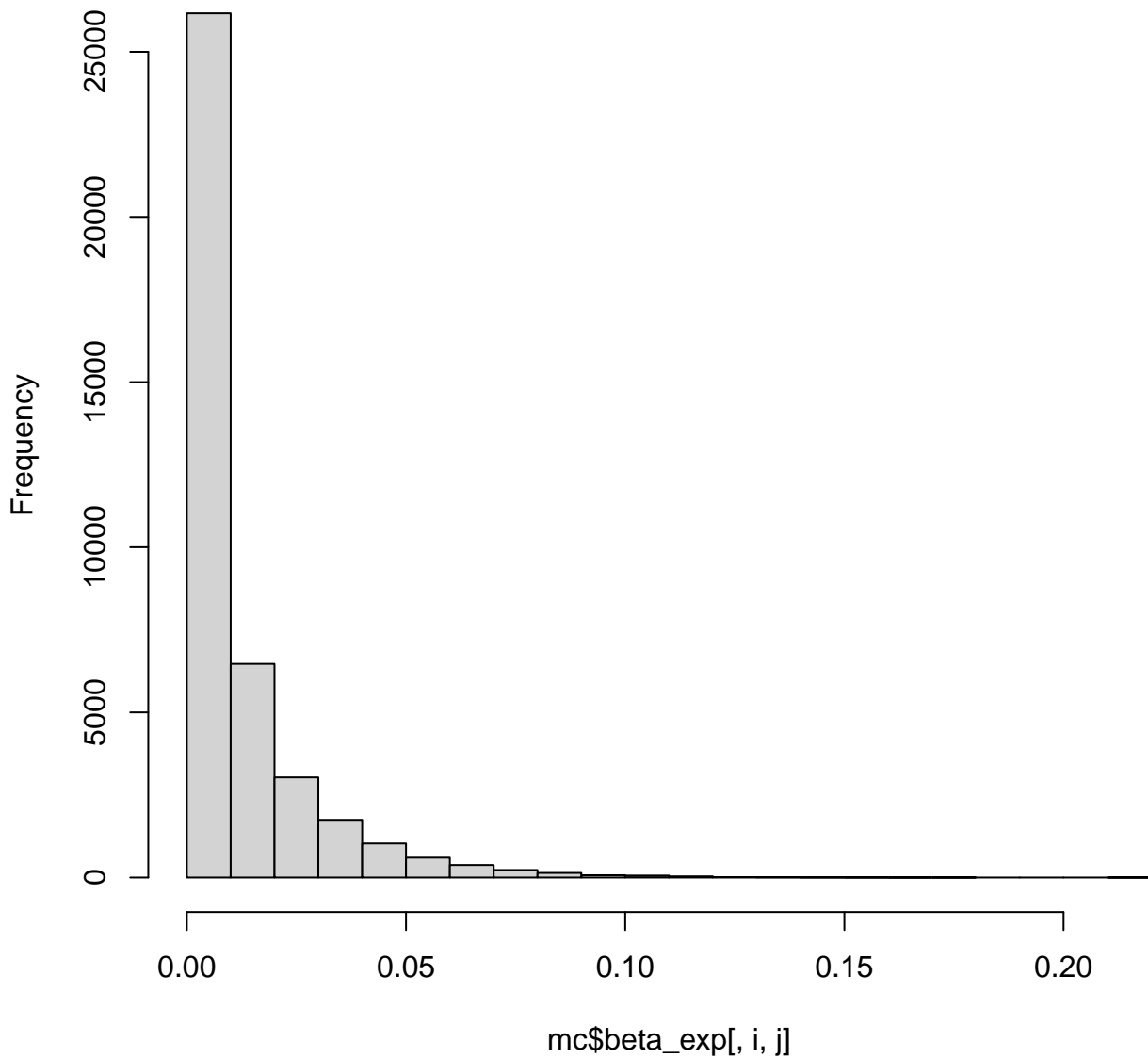
**Athens, GA: geo3**

**Athens, GA: imp1**

**Athens, GA: imp2**

Frequency

mc$beta_exp[, i, j]

**Athens, GA: imp3**

Frequency

mc$beta_exp[, i, j]
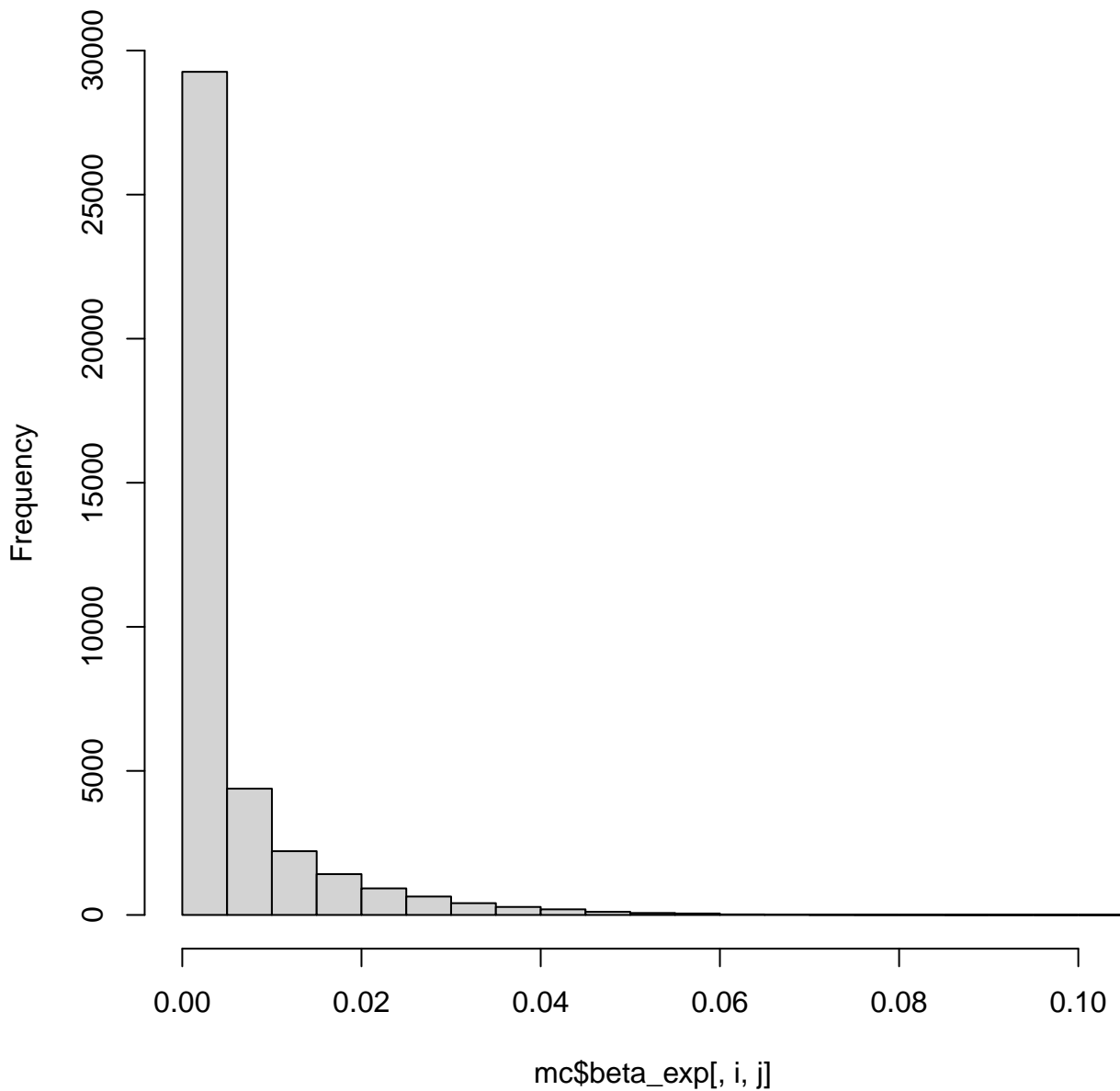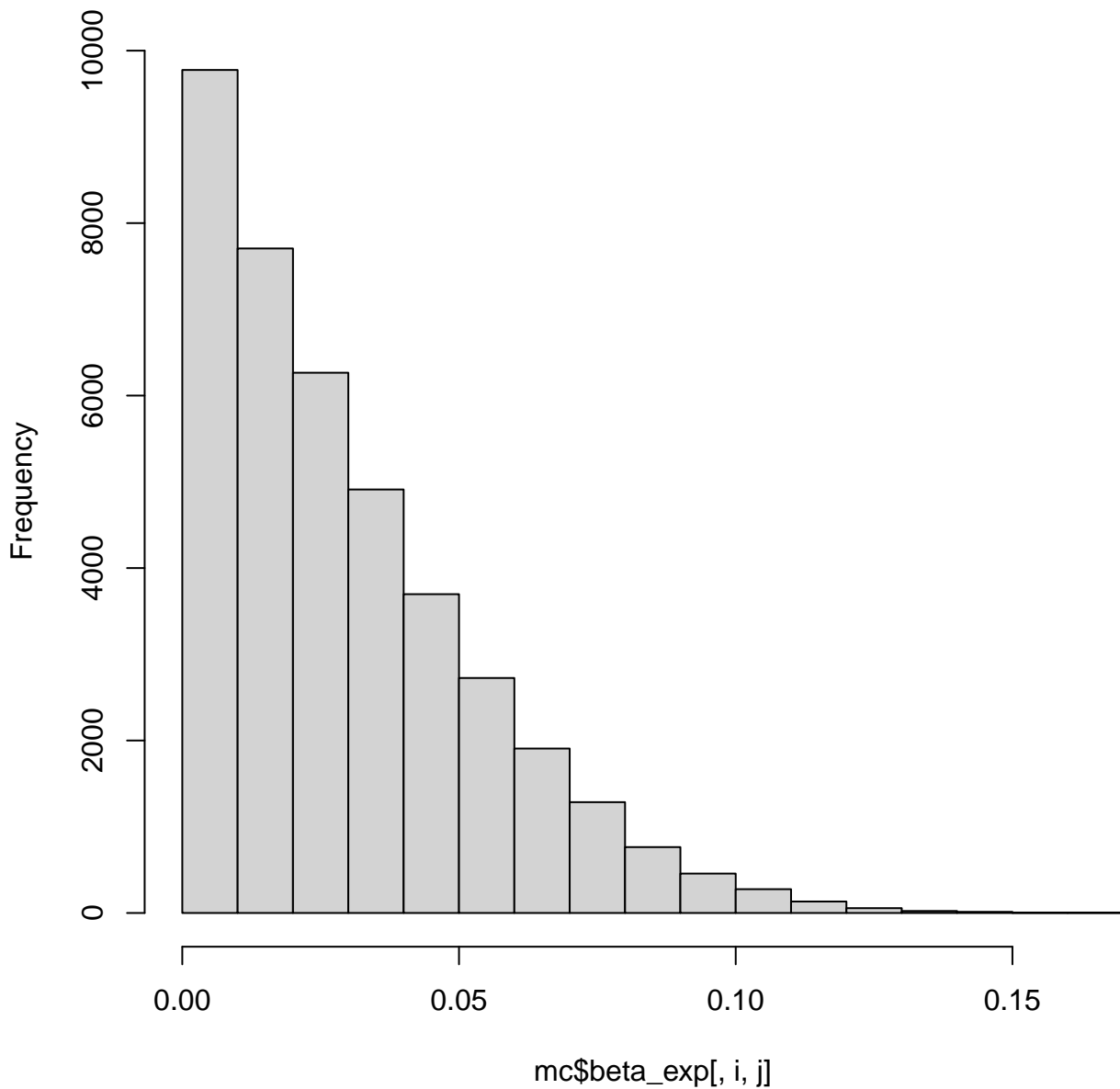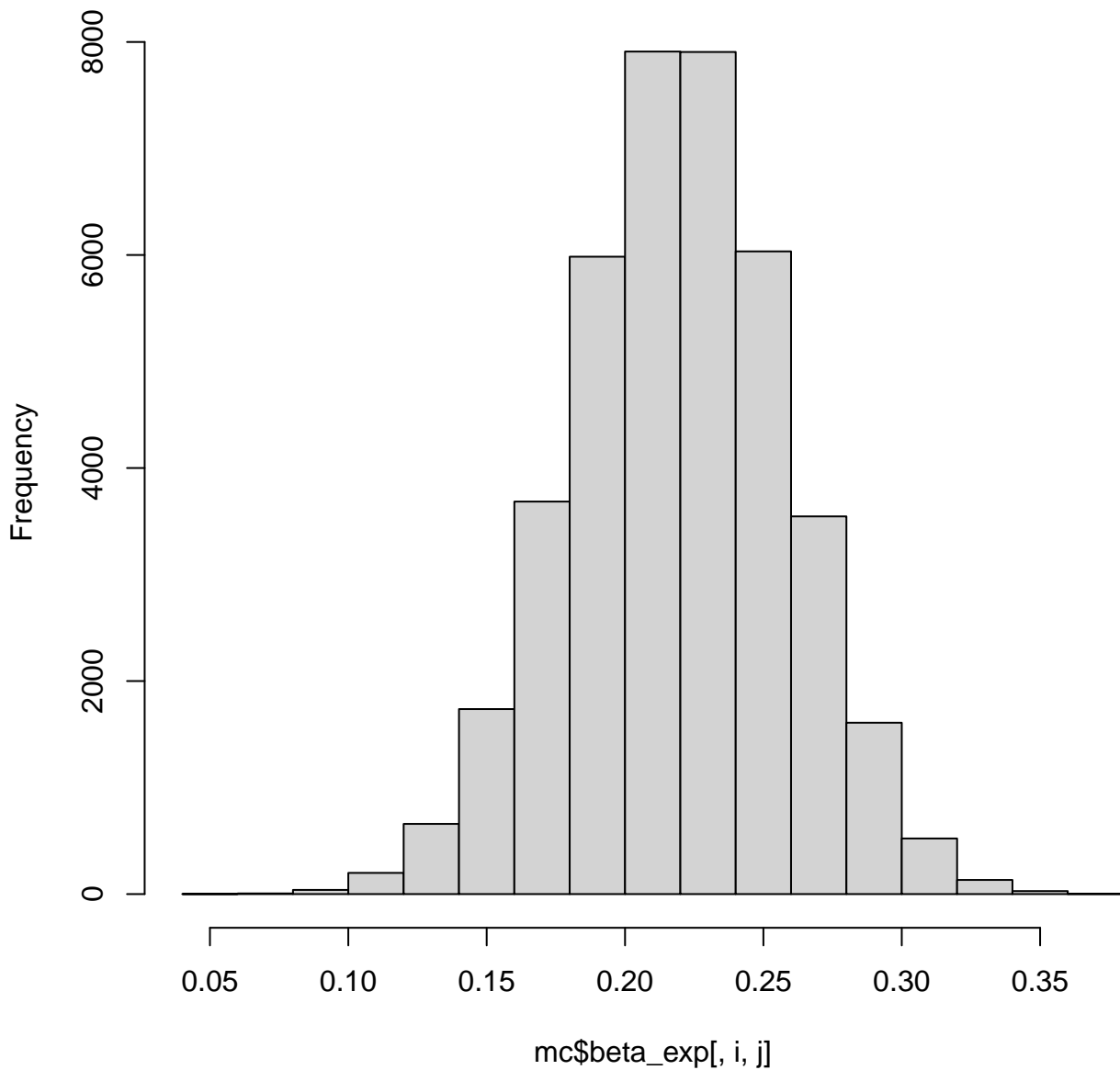
**Athens, GA: gent**

**Bay Area, CA: intercept**

Frequency

mc$beta_exp[, i, j]

**Bay Area, CA: geo1**

Frequency

mc$beta_exp[, i, j]
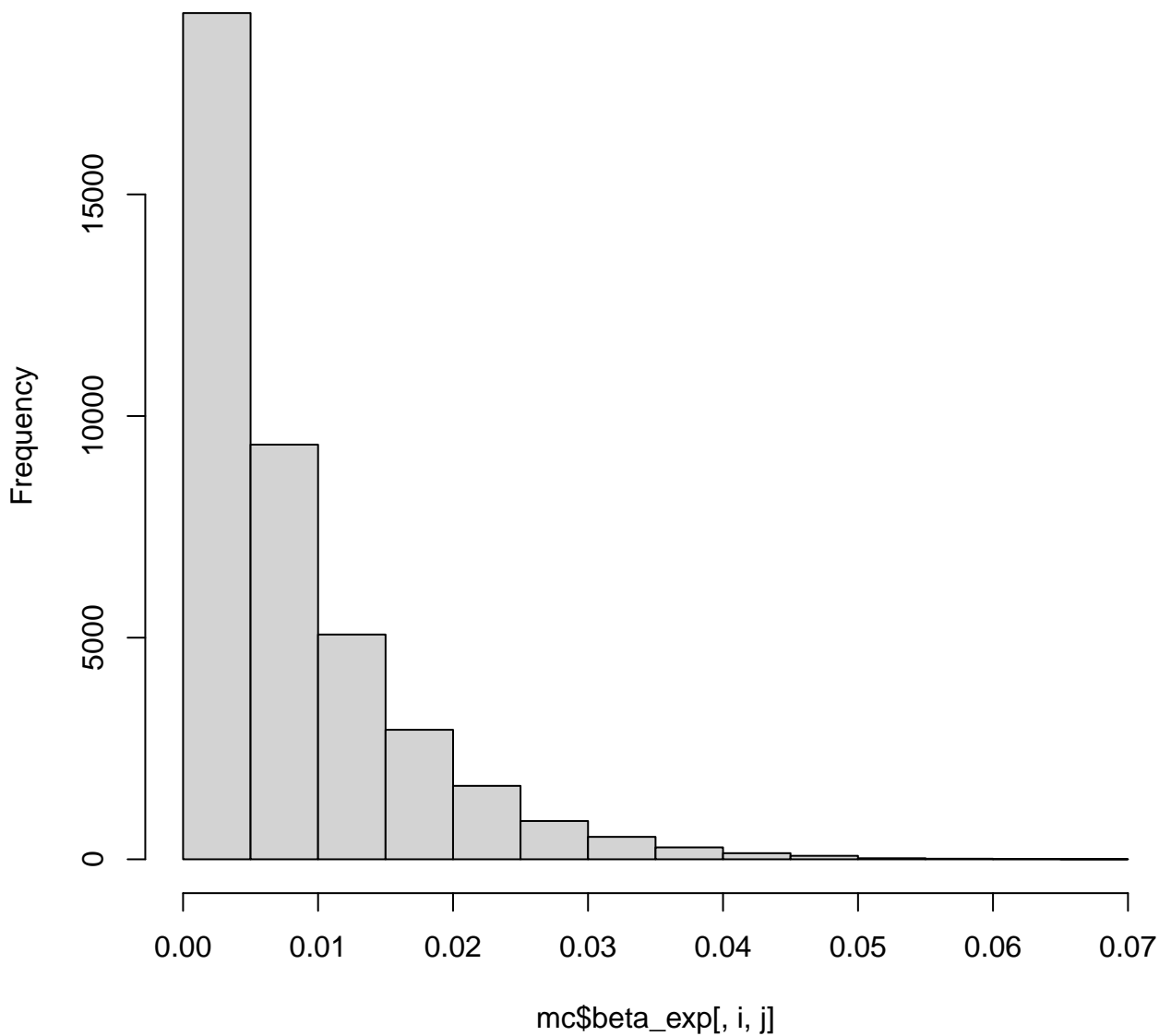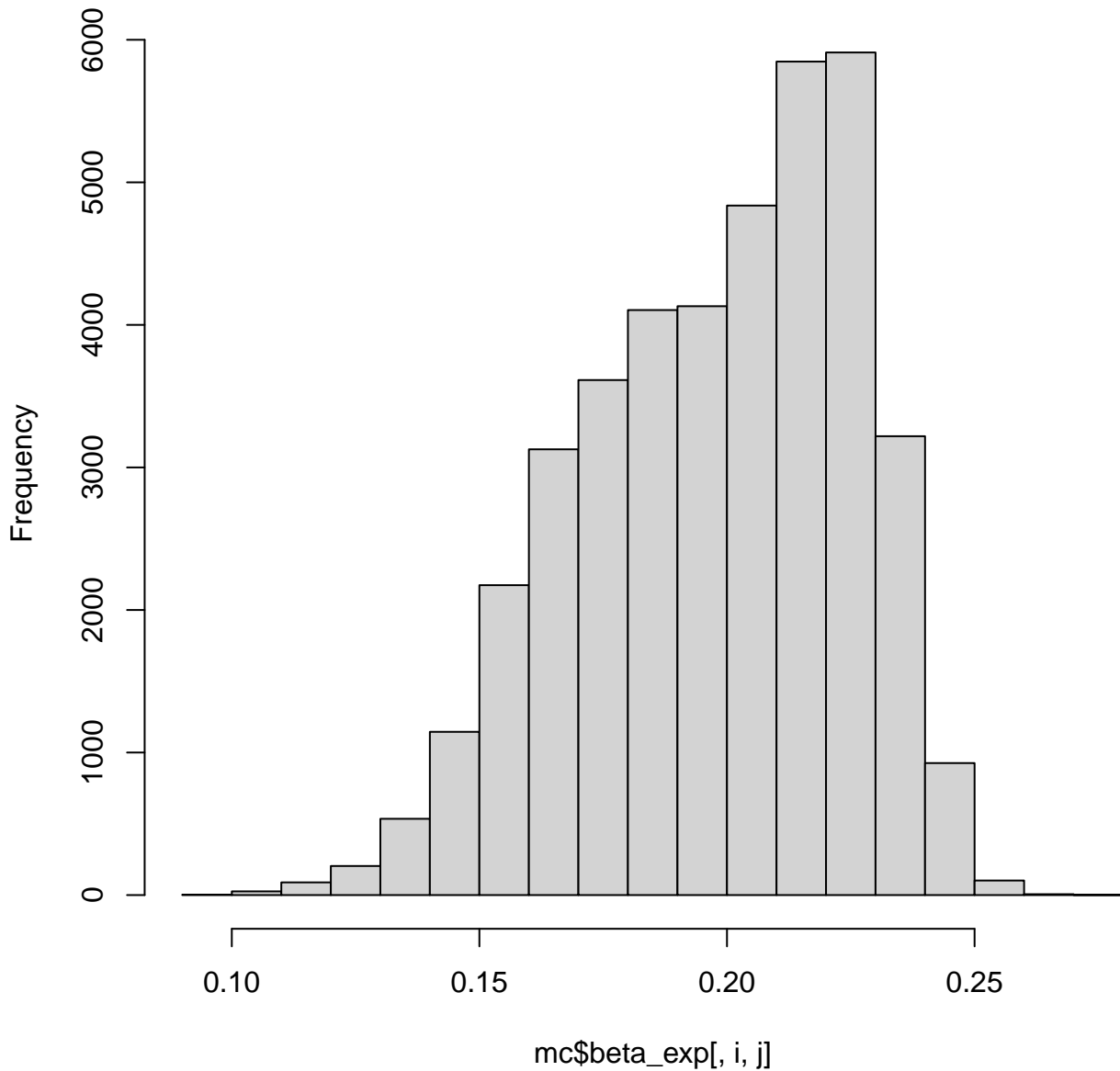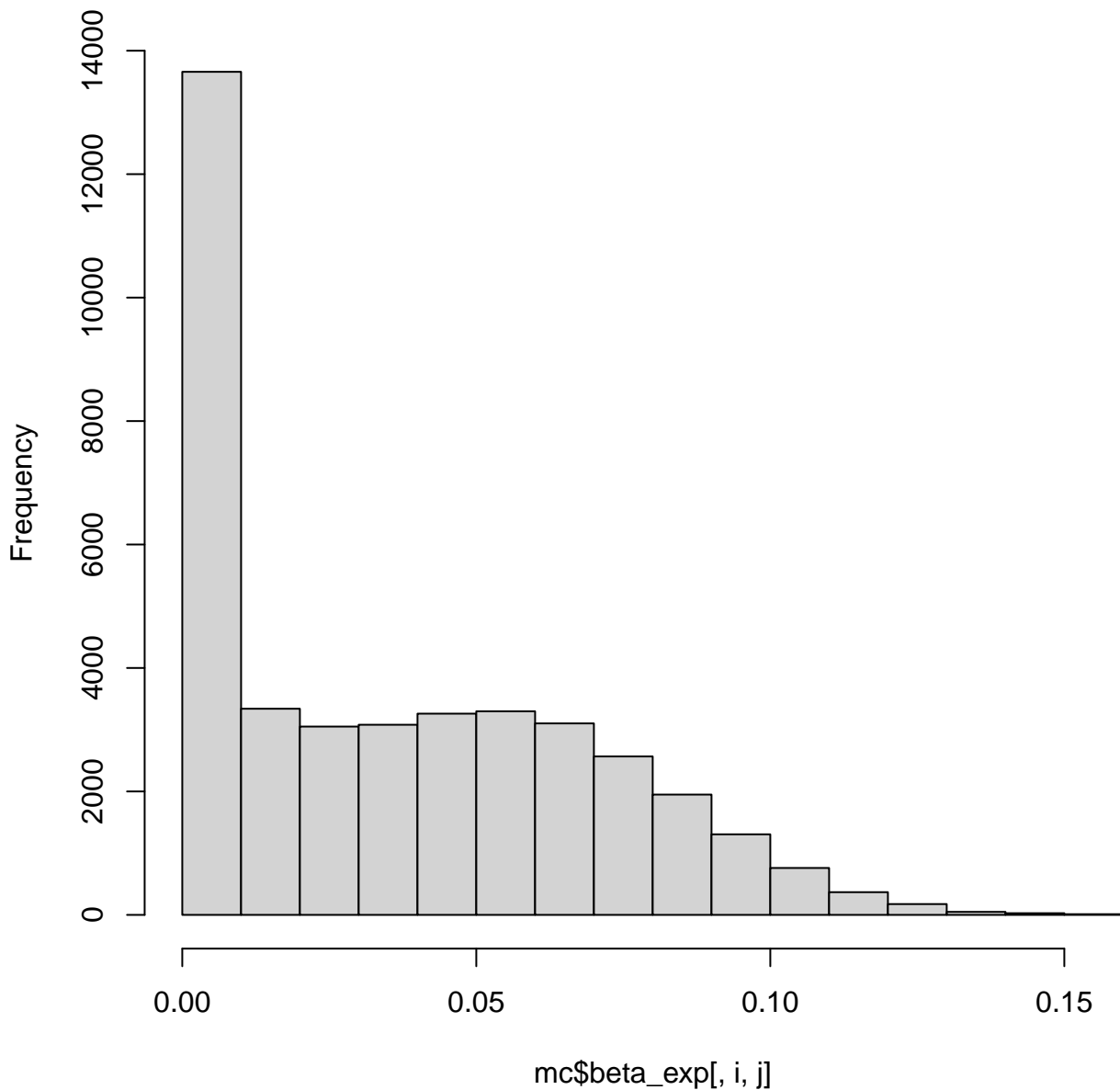
**Bay Area, CA: geo2**

**Bay Area, CA: geo3**

Frequency

mc$beta_exp[, i, j]

**Bay Area, CA: imp1**

Frequency

mc$beta_exp[, i, j]
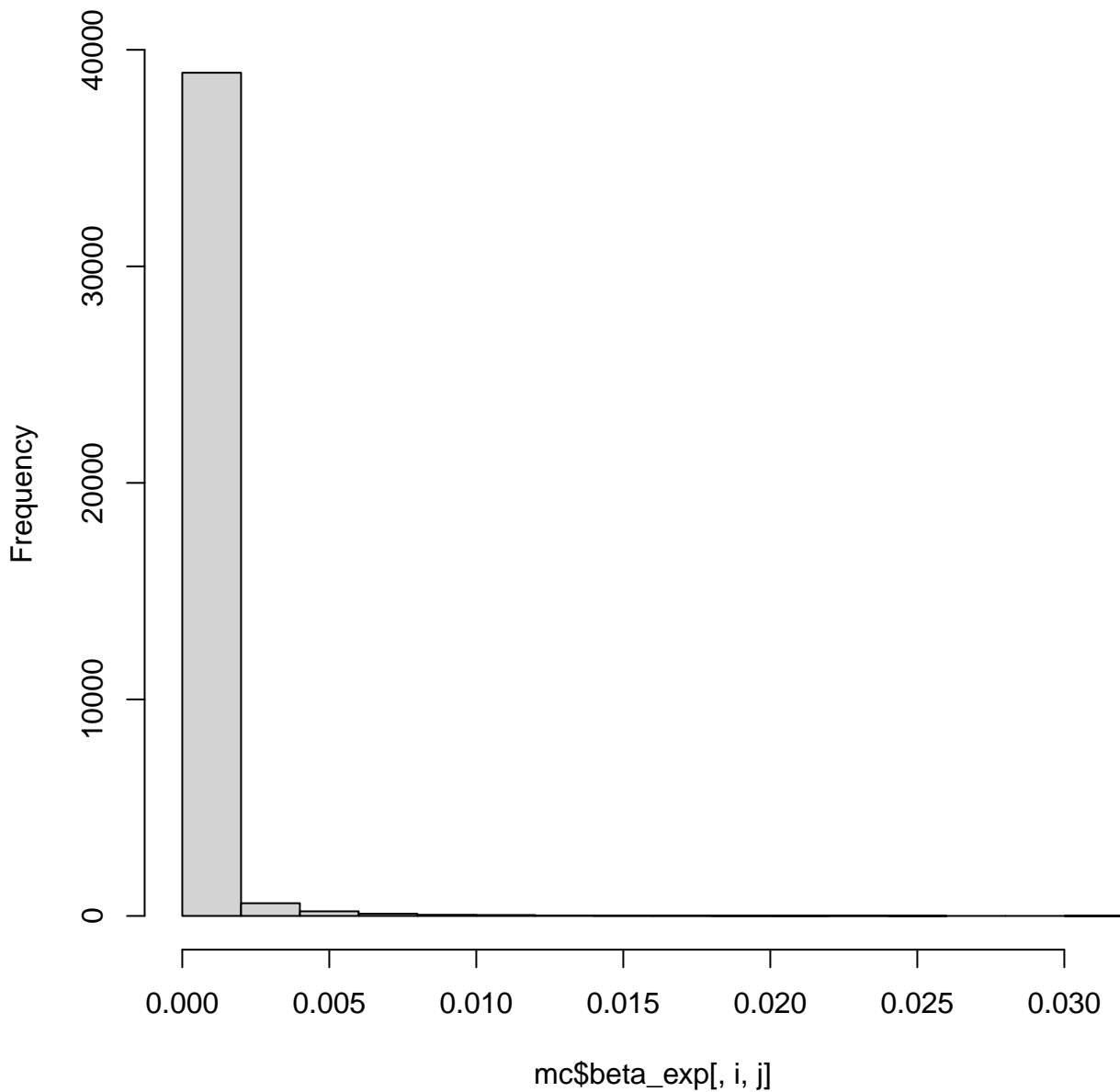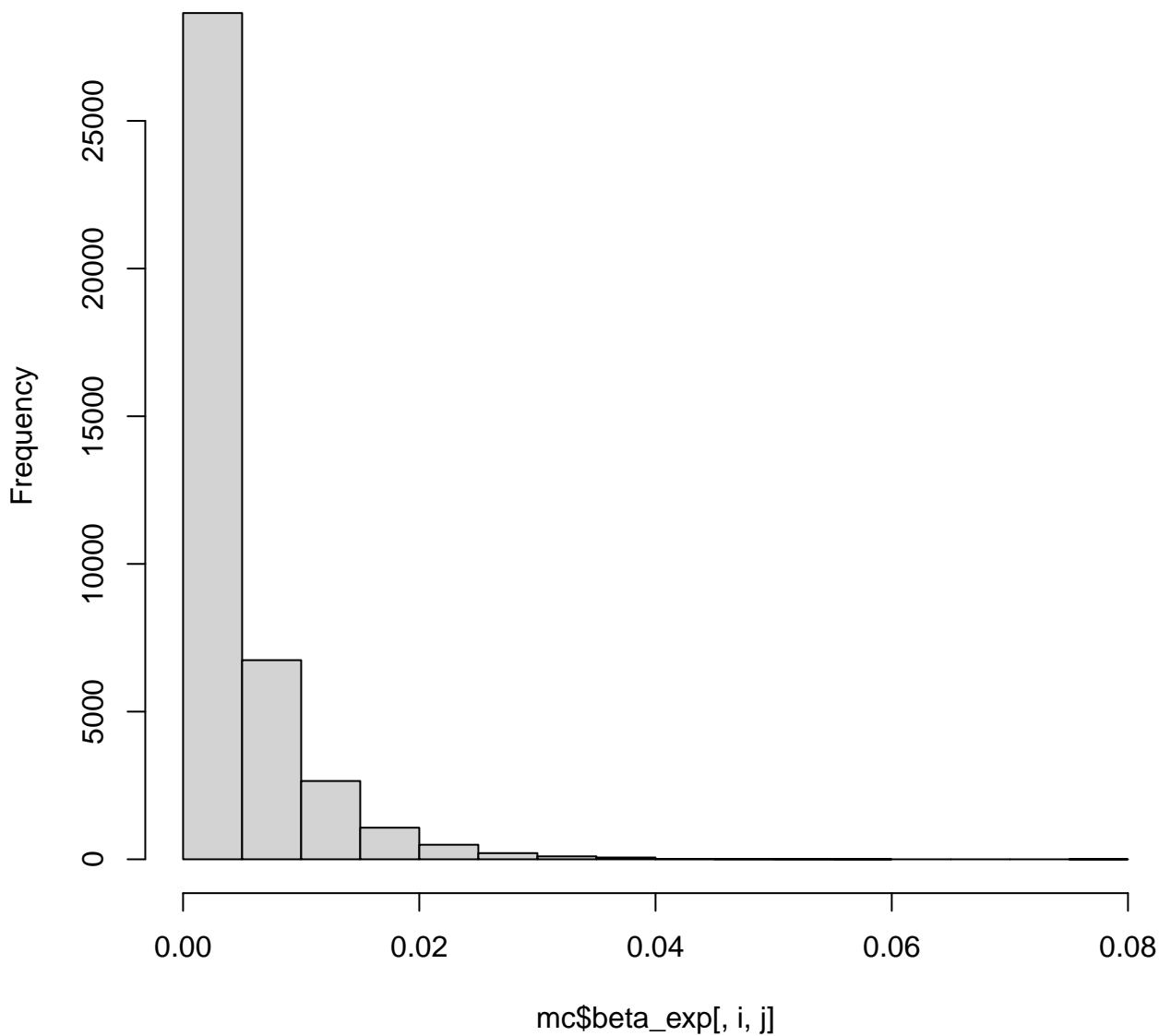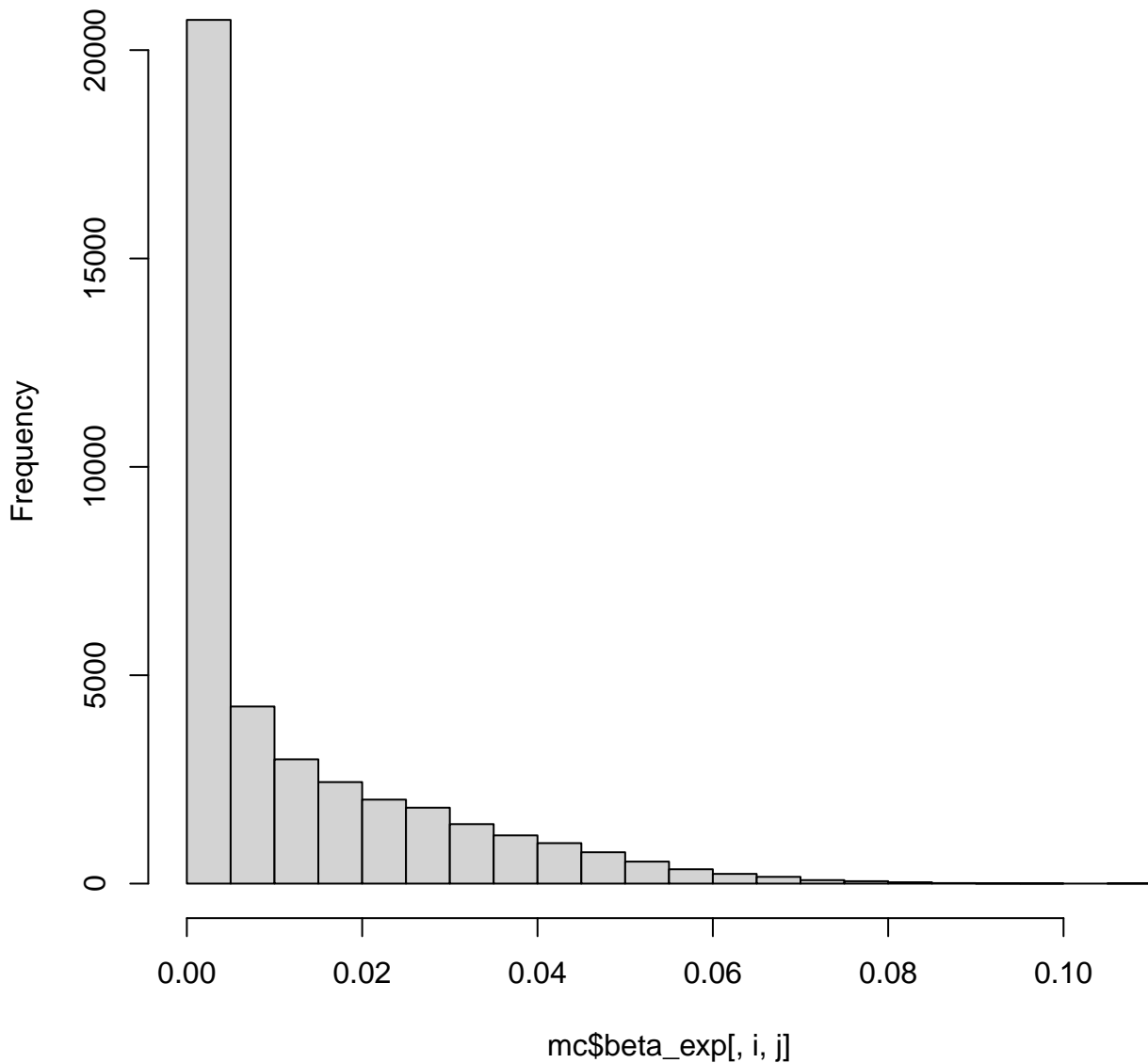
**Bay Area, CA: imp2**

**Bay Area, CA: imp3**

Frequency

mc$beta_exp[, i, j]
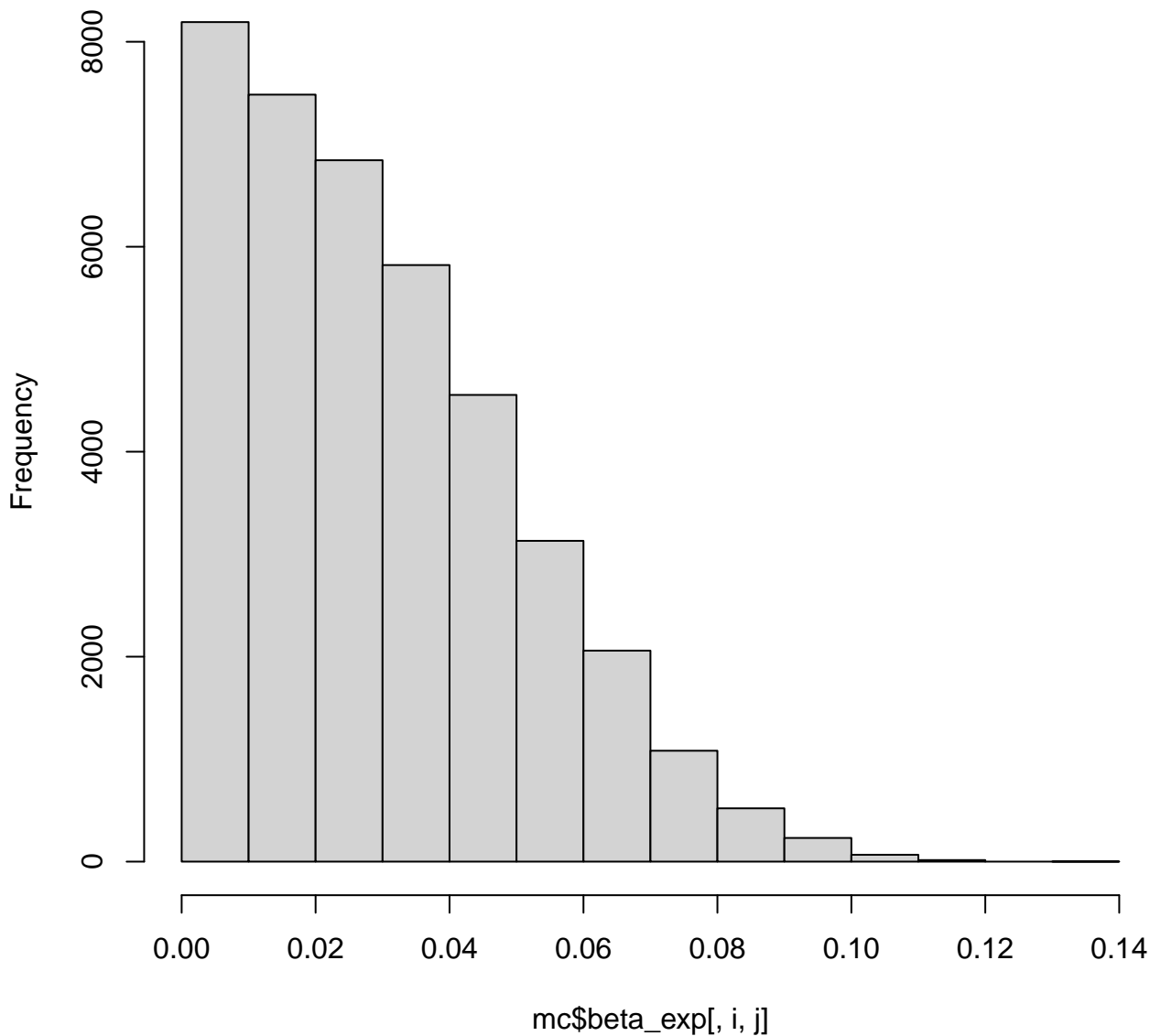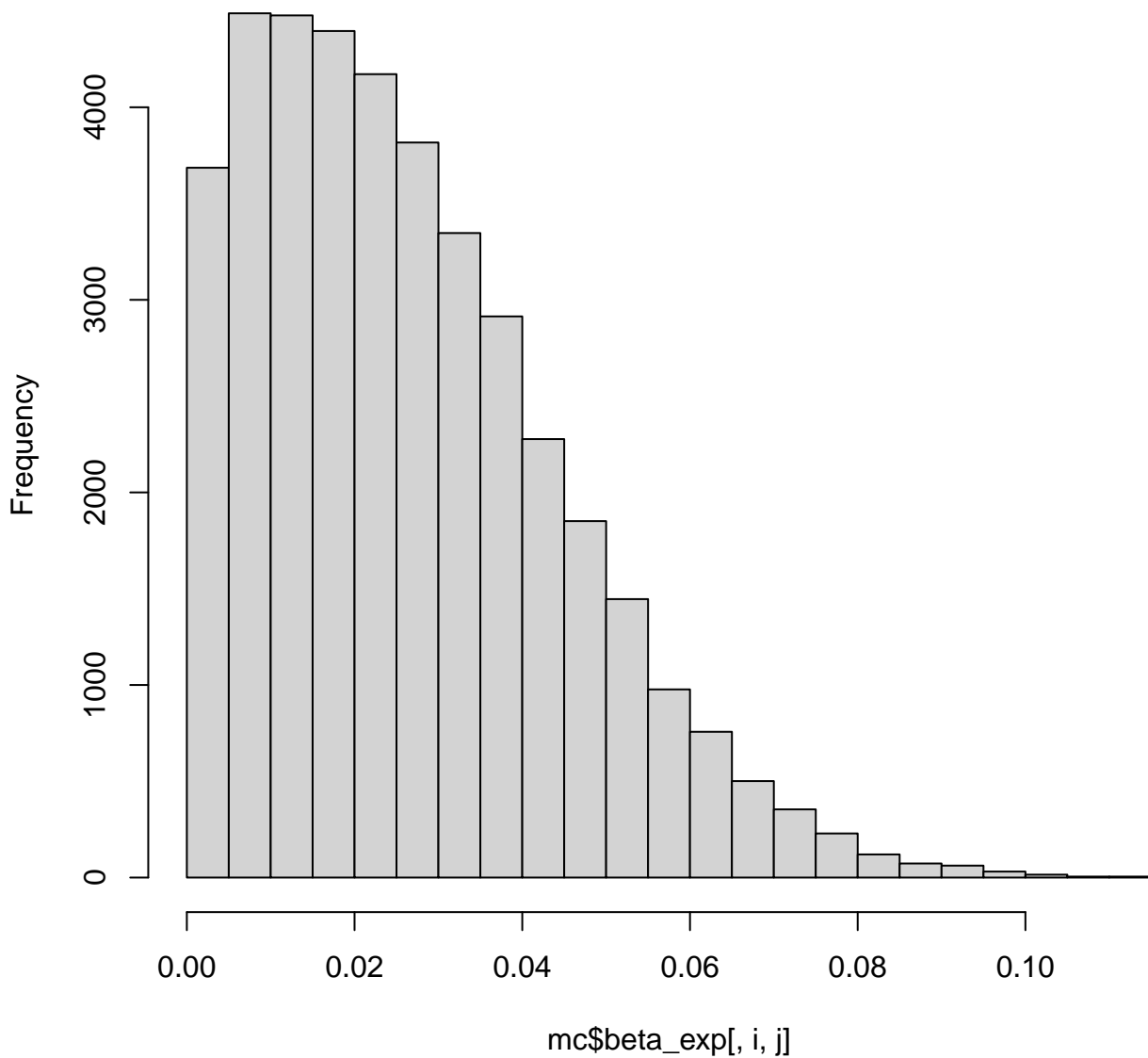
**Bay Area, CA: gent**

**Boston, MA: intercept**

Frequency

mc$beta_exp[, i, j]

**Boston, MA: geo1**

Frequency

mc$beta_exp[, i, j]
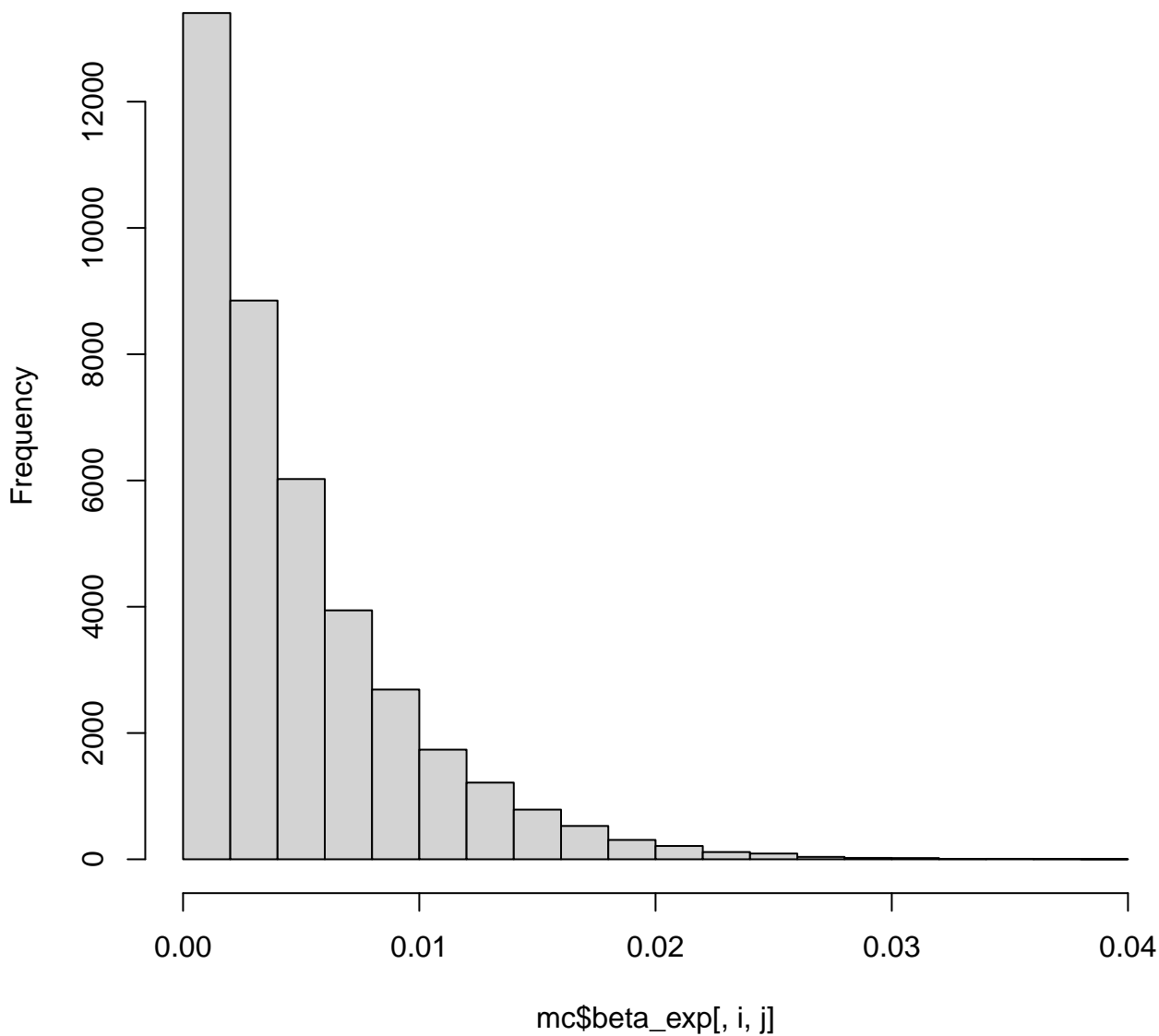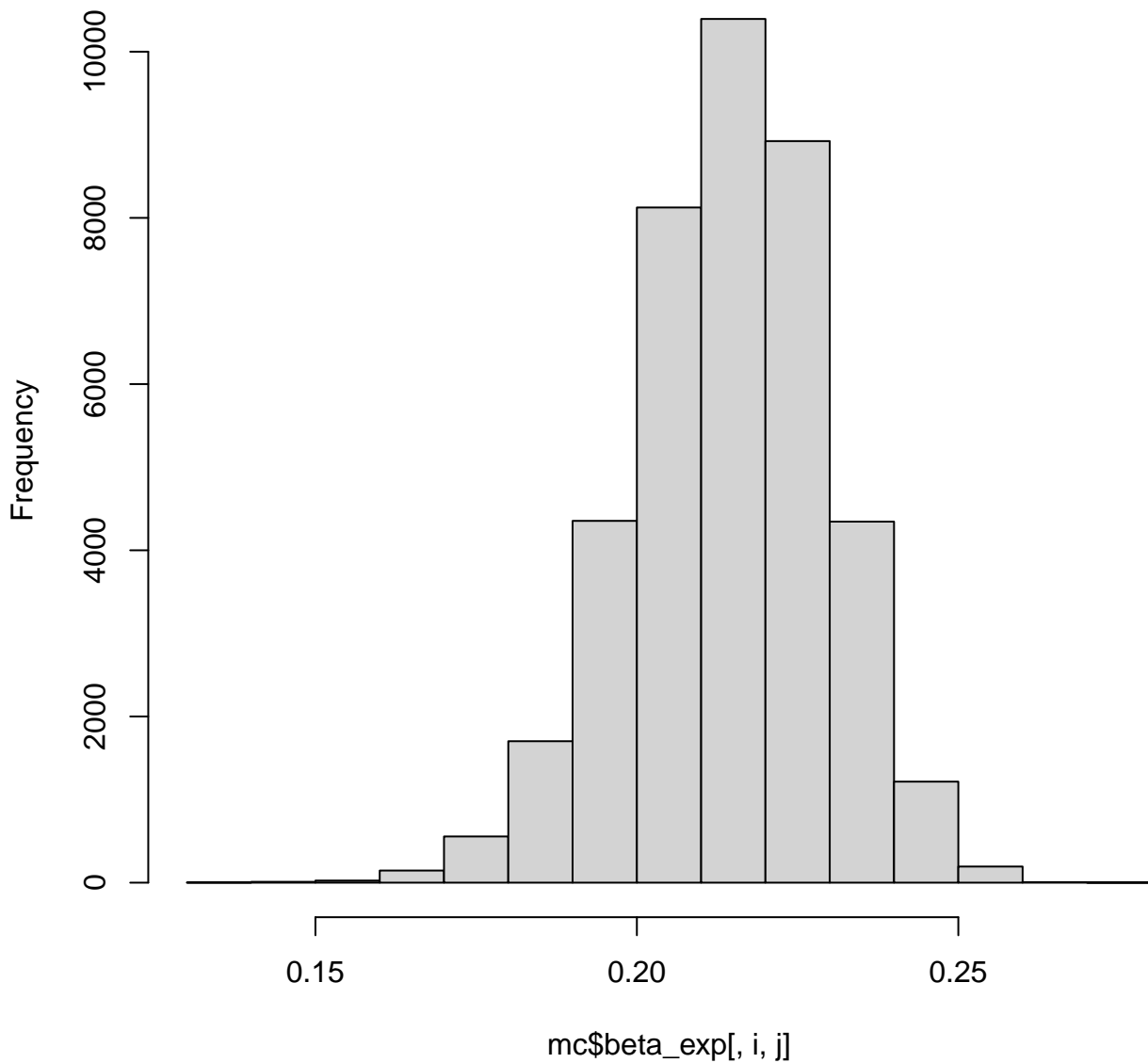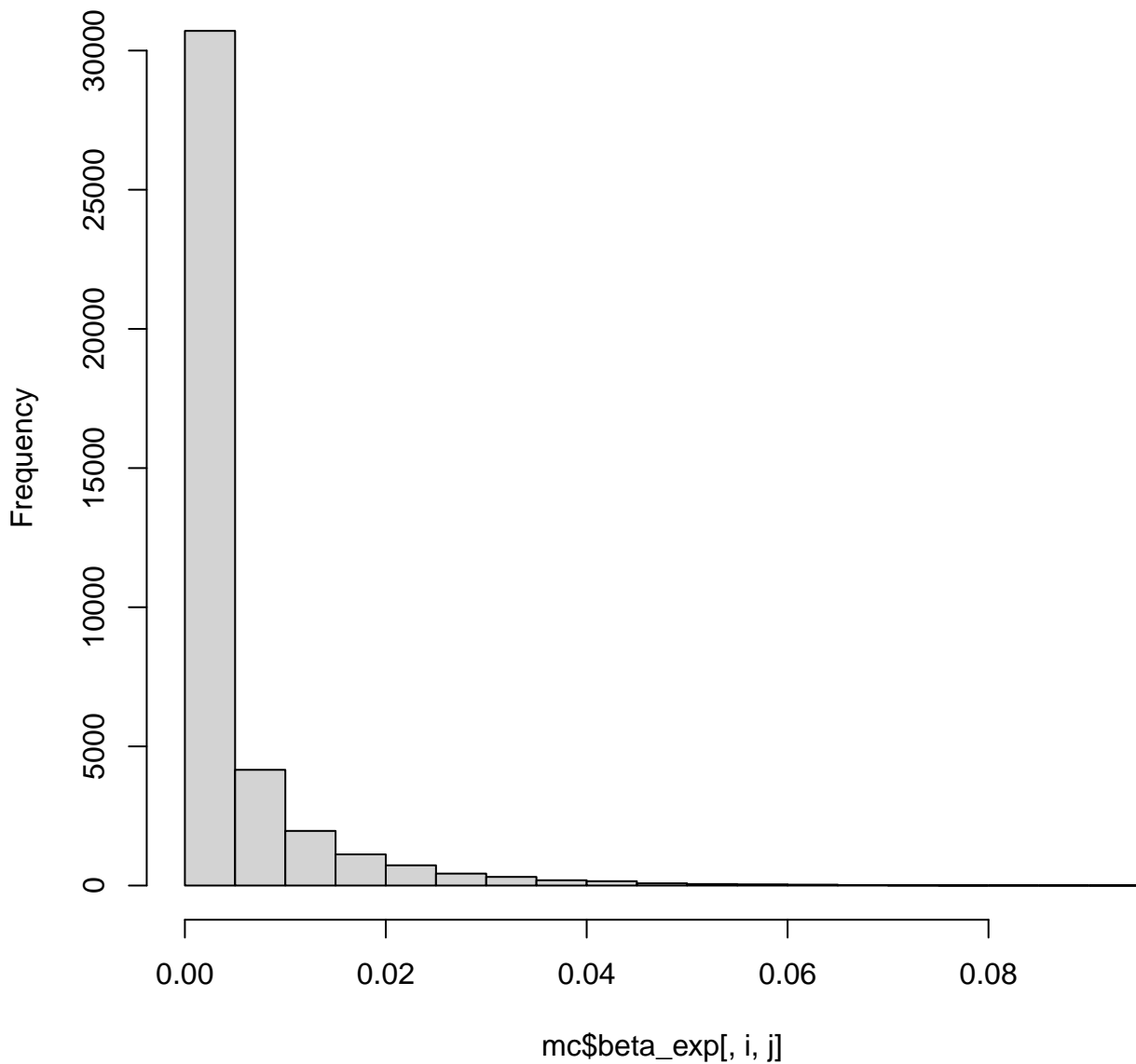
**Boston, MA: geo2**

**Boston, MA: geo3**

Frequency

mc$beta_exp[, i, j]
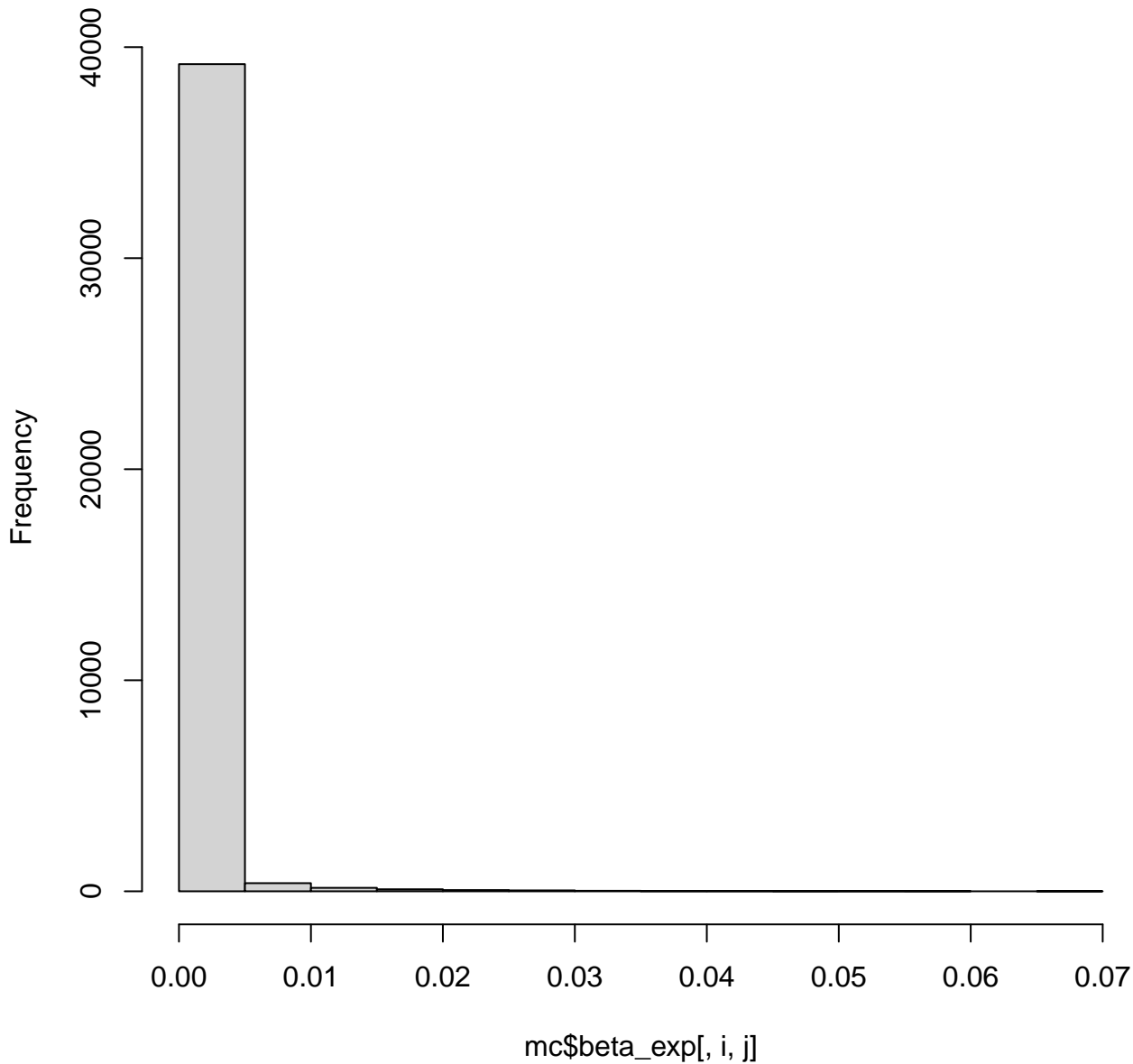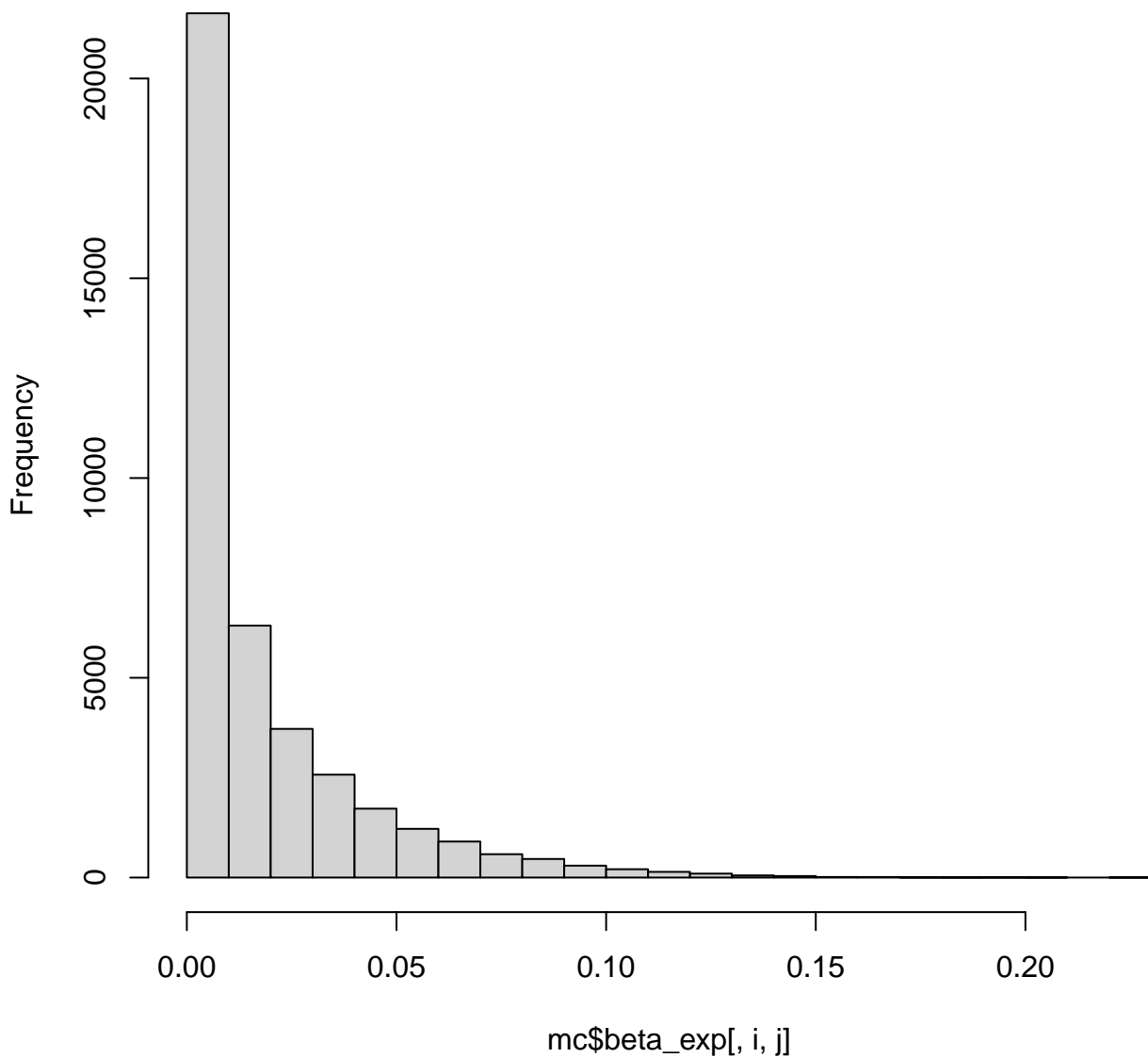
**Boston, MA: imp1**

**Boston, MA: imp2**

Frequency

mc$beta_exp[, i, j]
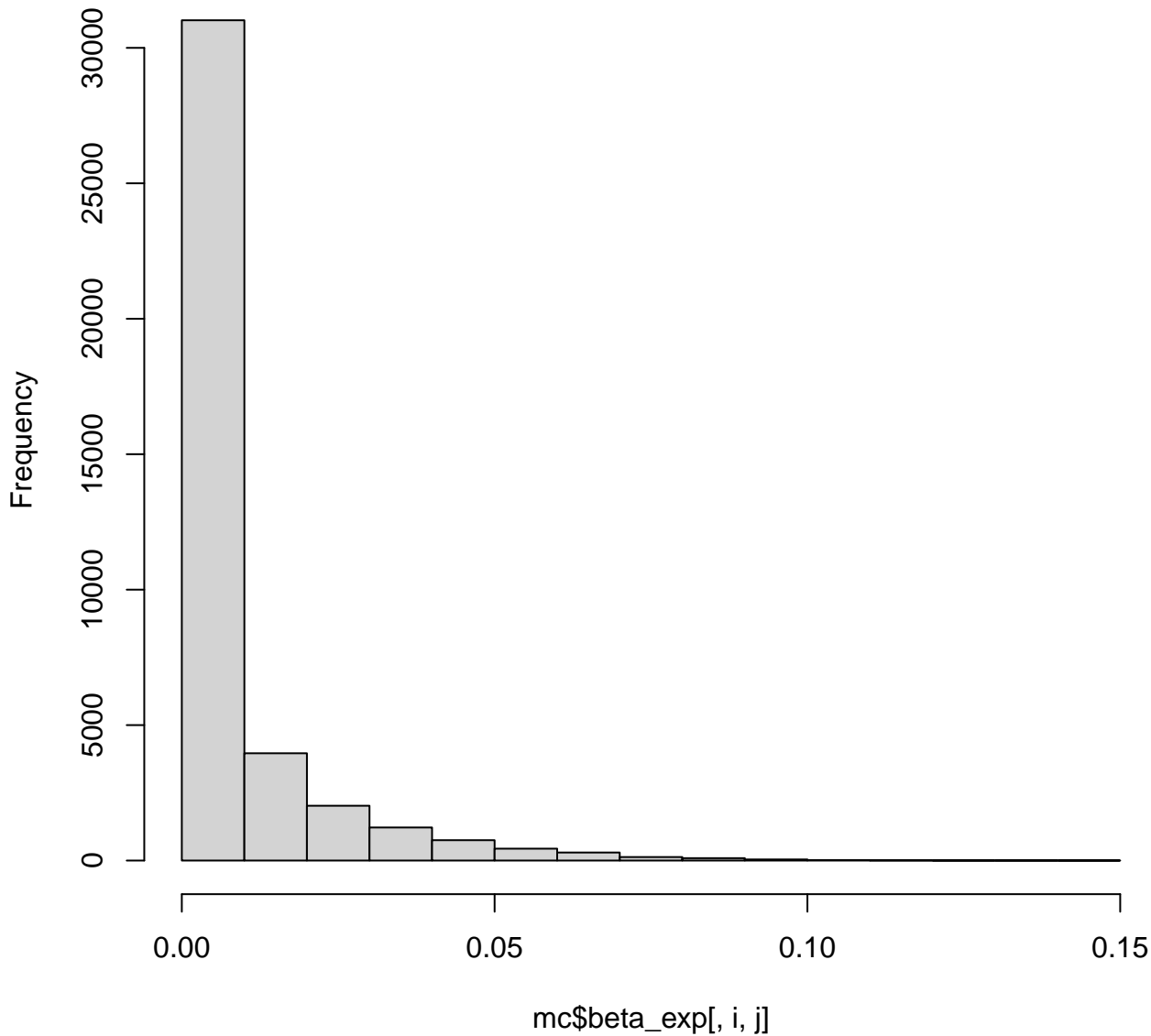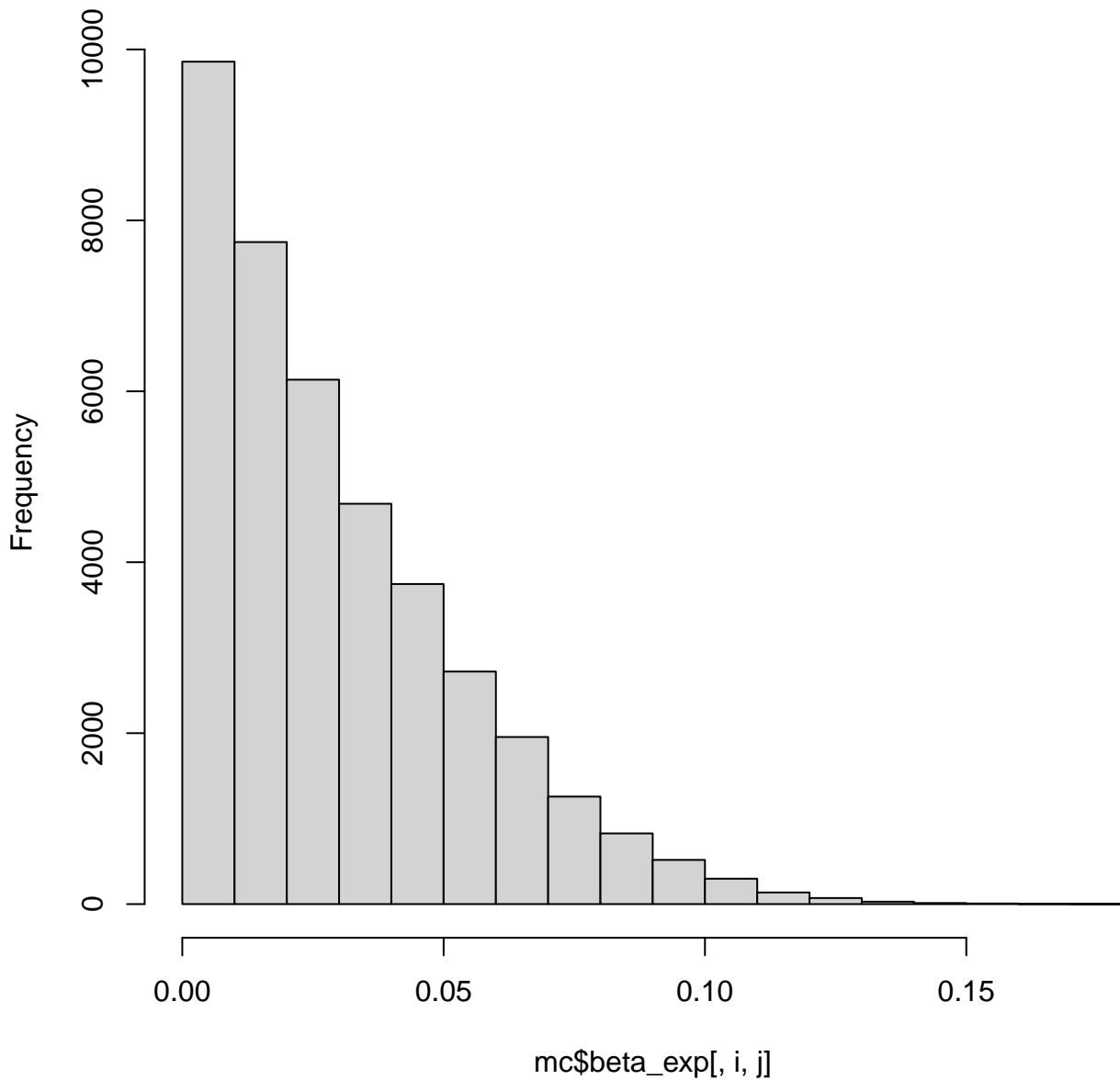
**Boston, MA: imp3**

**Boston, MA: gent**
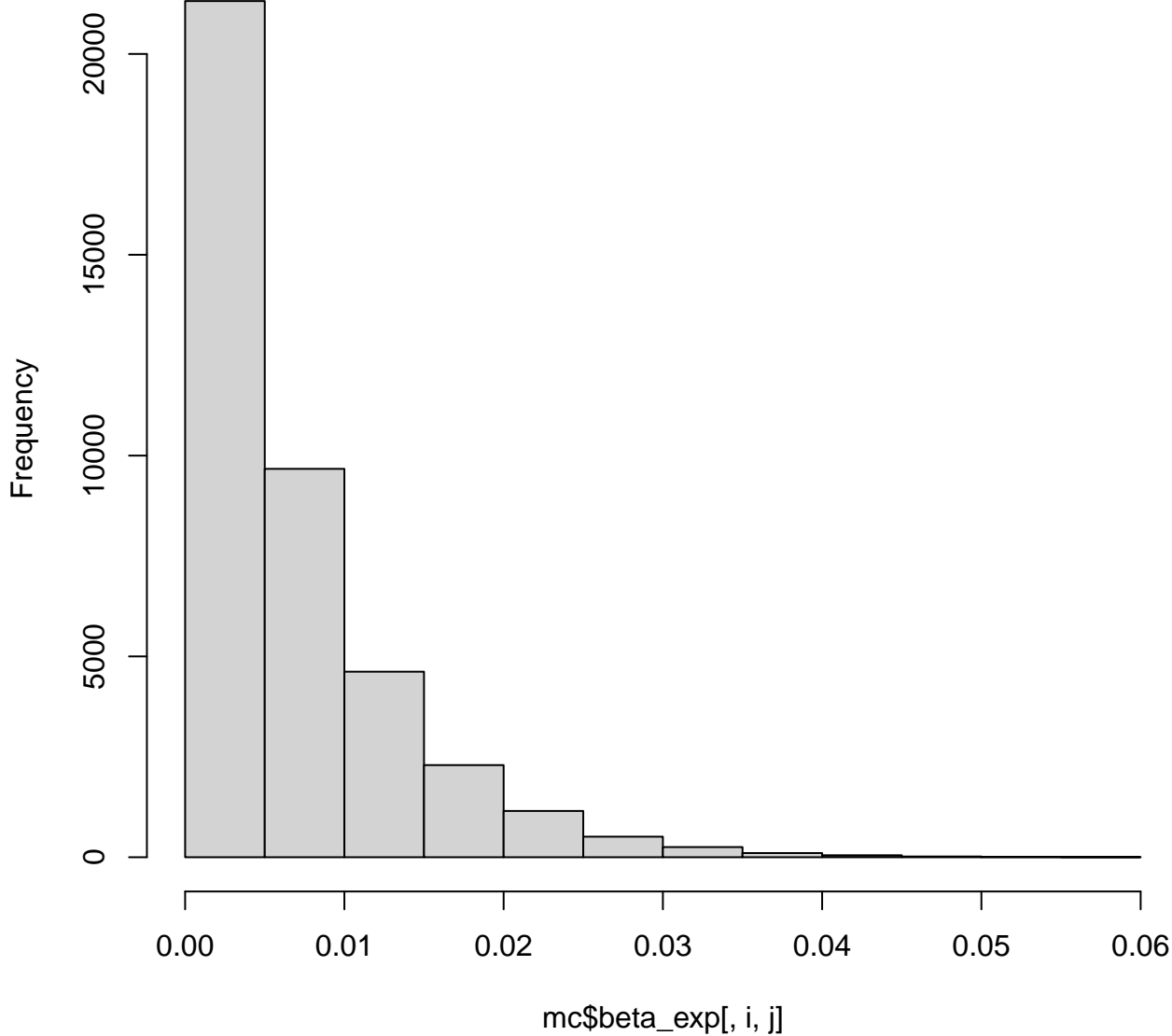
Frequency

mc$beta_exp[, i, j]

**Chicago, IL: intercept**
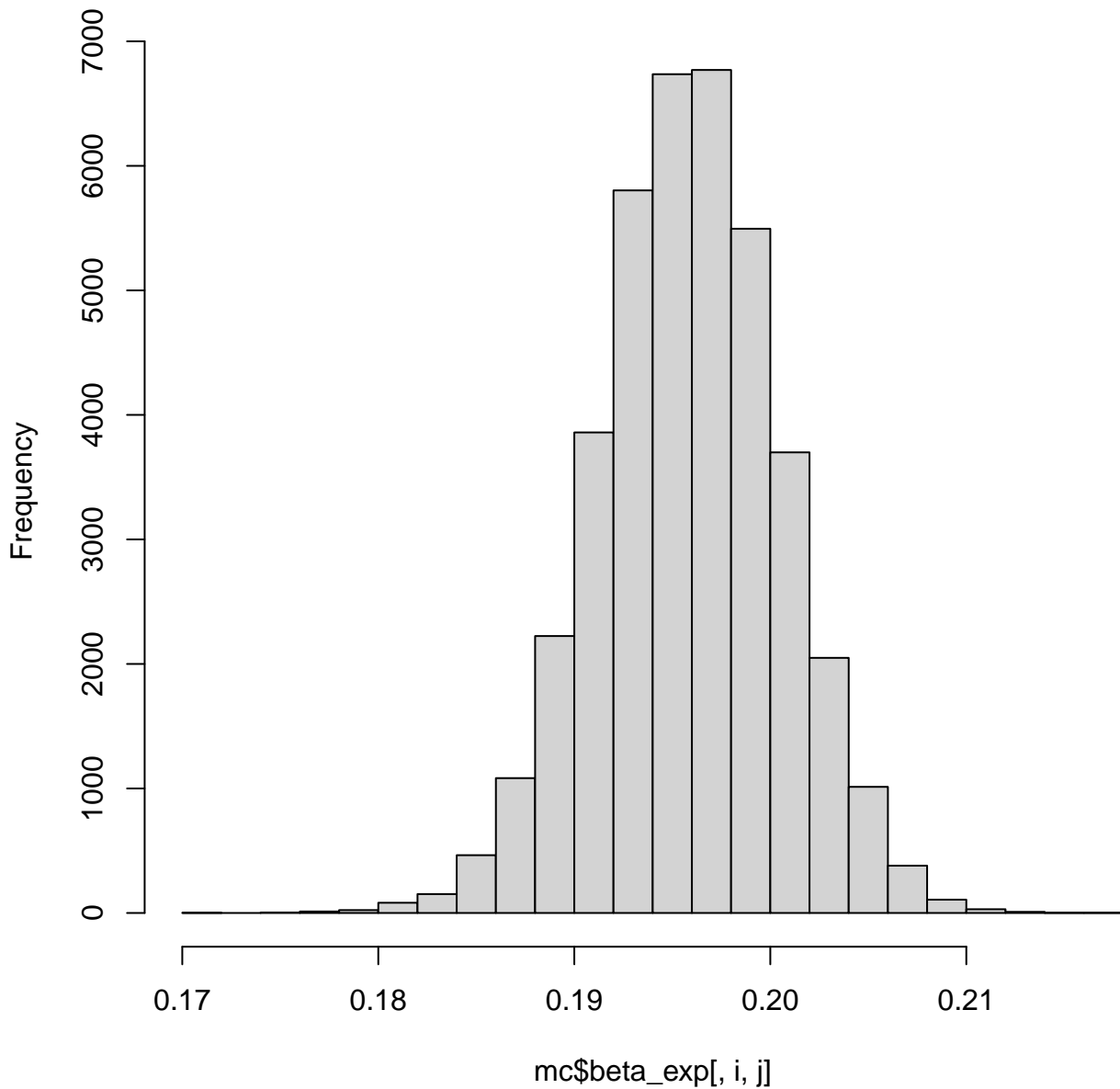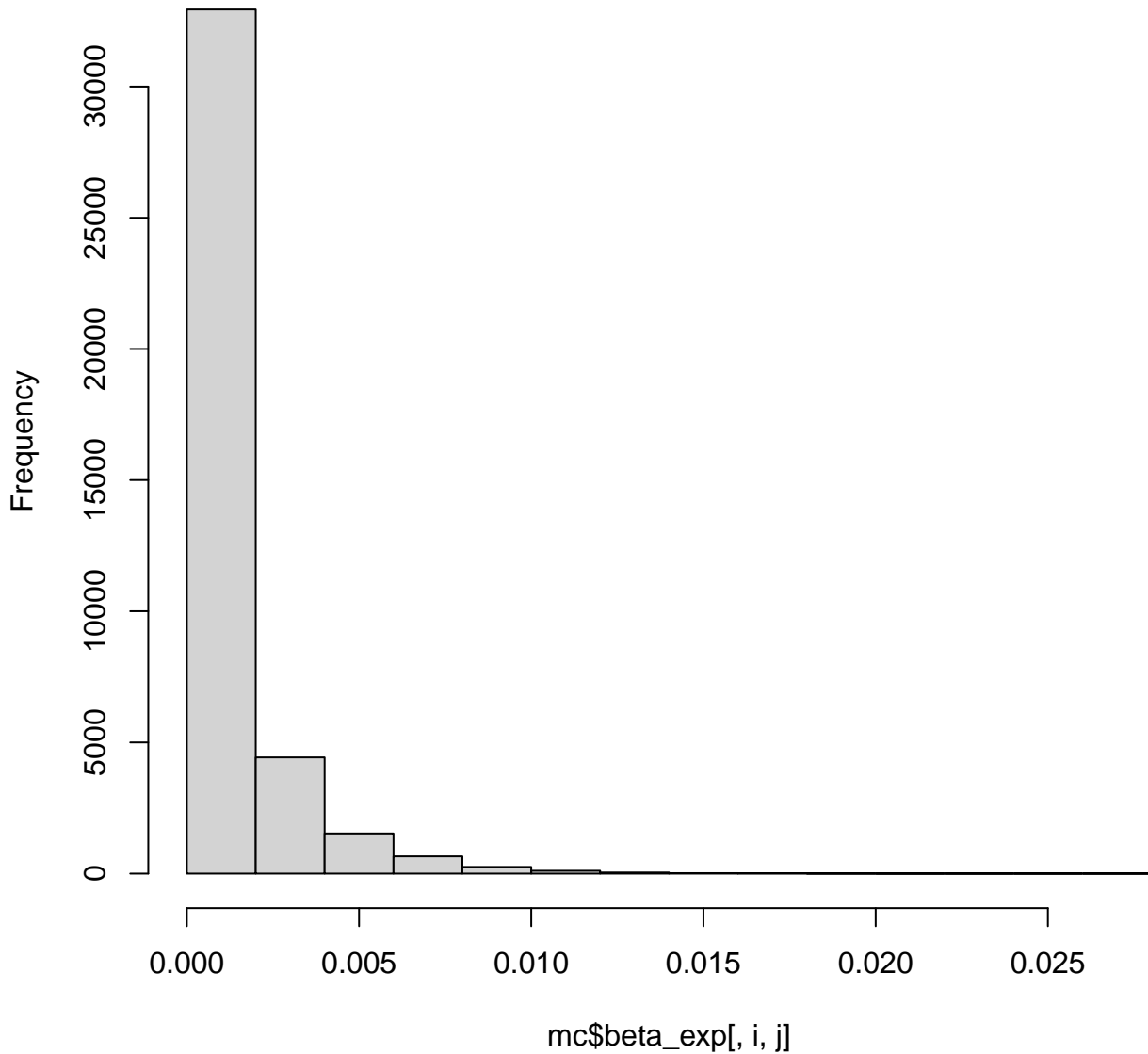
Frequency

mc$beta_exp[, i, j]

**Chicago, IL: geo1**

Frequency

mc$beta_exp[, i, j]

**Chicago, IL: geo2**

Frequency

mc$beta_exp[, i, j]

**Chicago, IL: geo3**

Frequency

mc$beta_exp[, i, j]

**Chicago, IL: imp1**

Frequency

mc$beta_exp[, i, j]

**Chicago, IL: imp2**

Frequency

mc$beta_exp[, i, j]

**Chicago, IL: imp3**

Frequency

mc$beta_exp[, i, j]
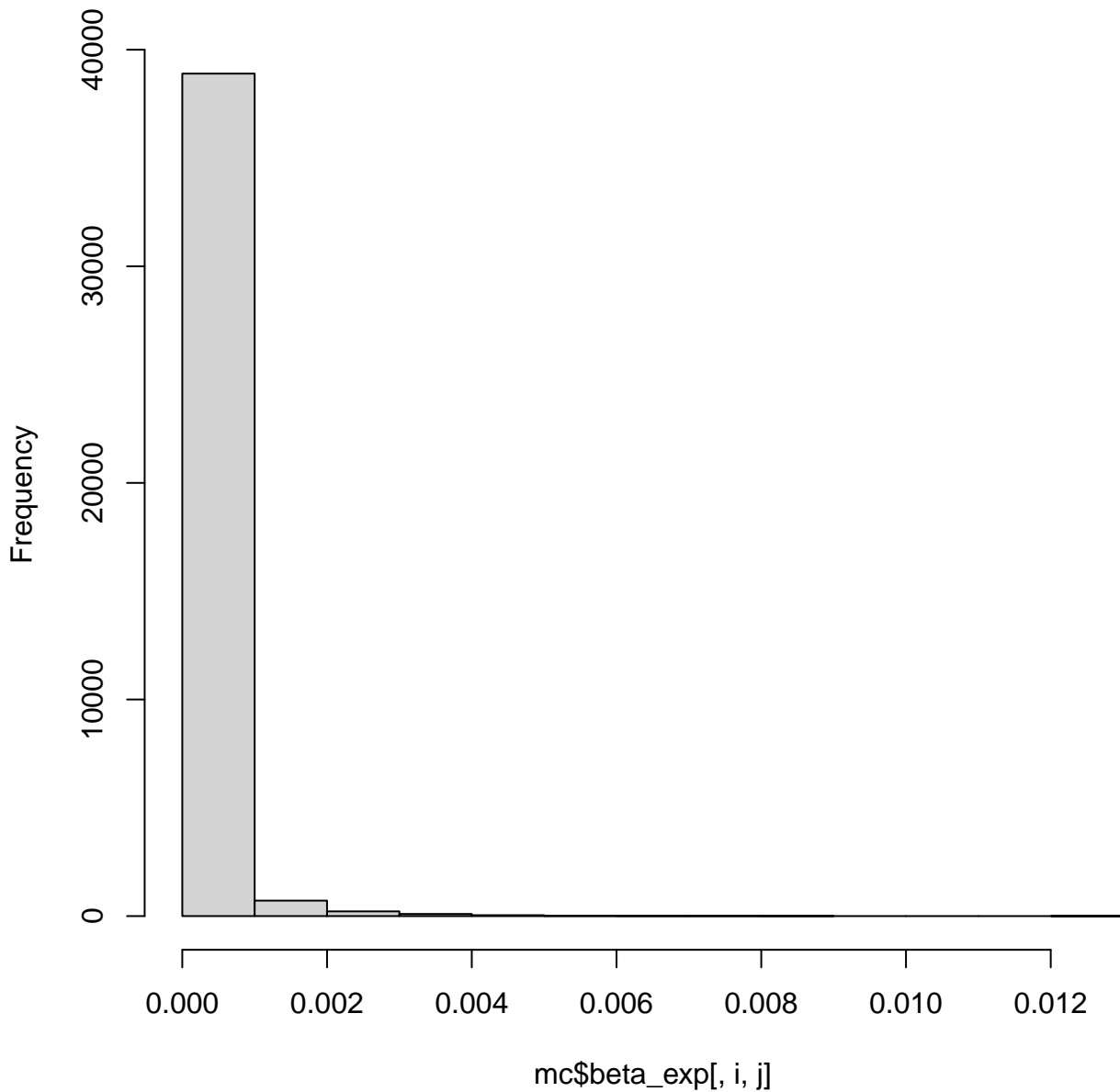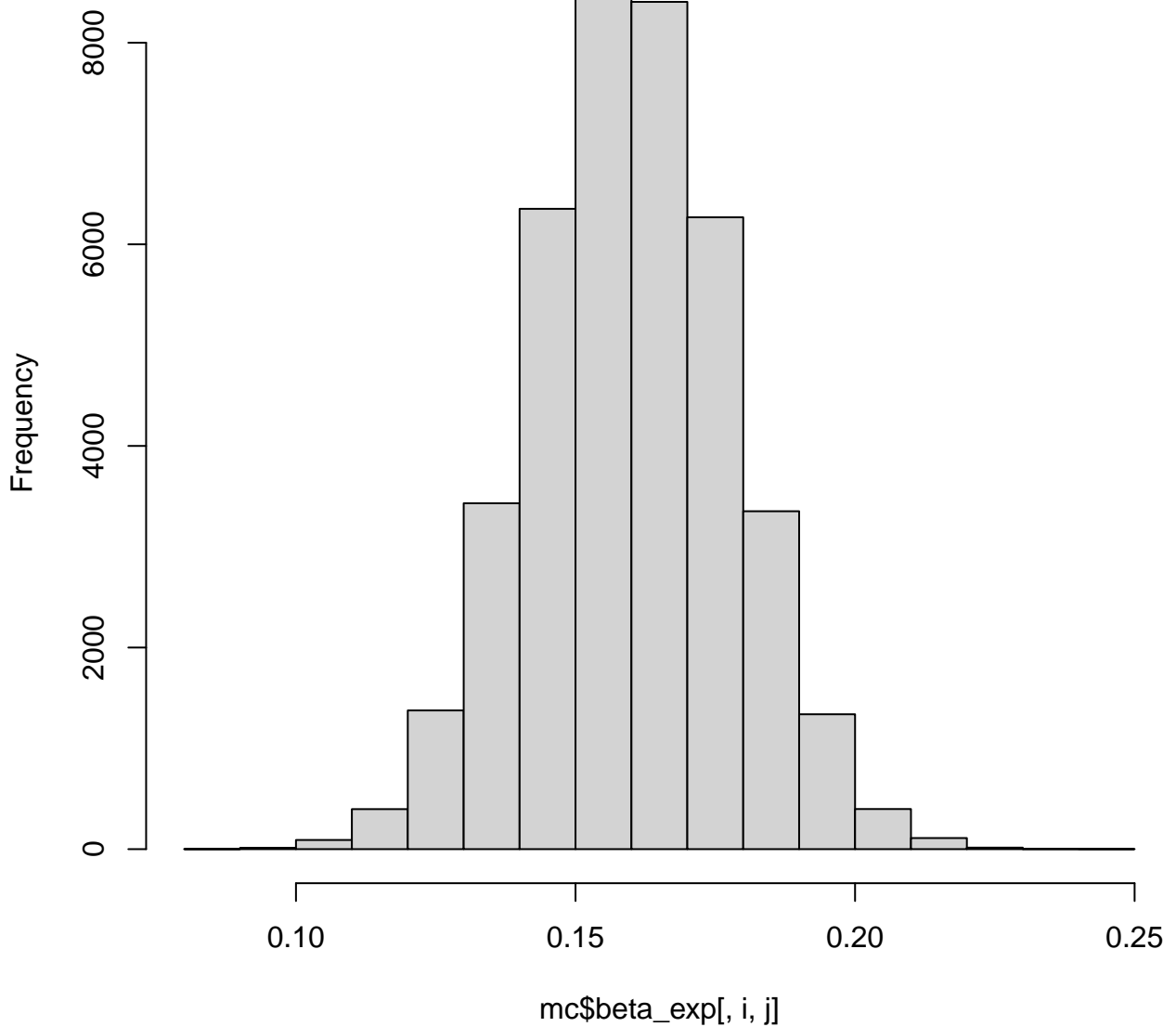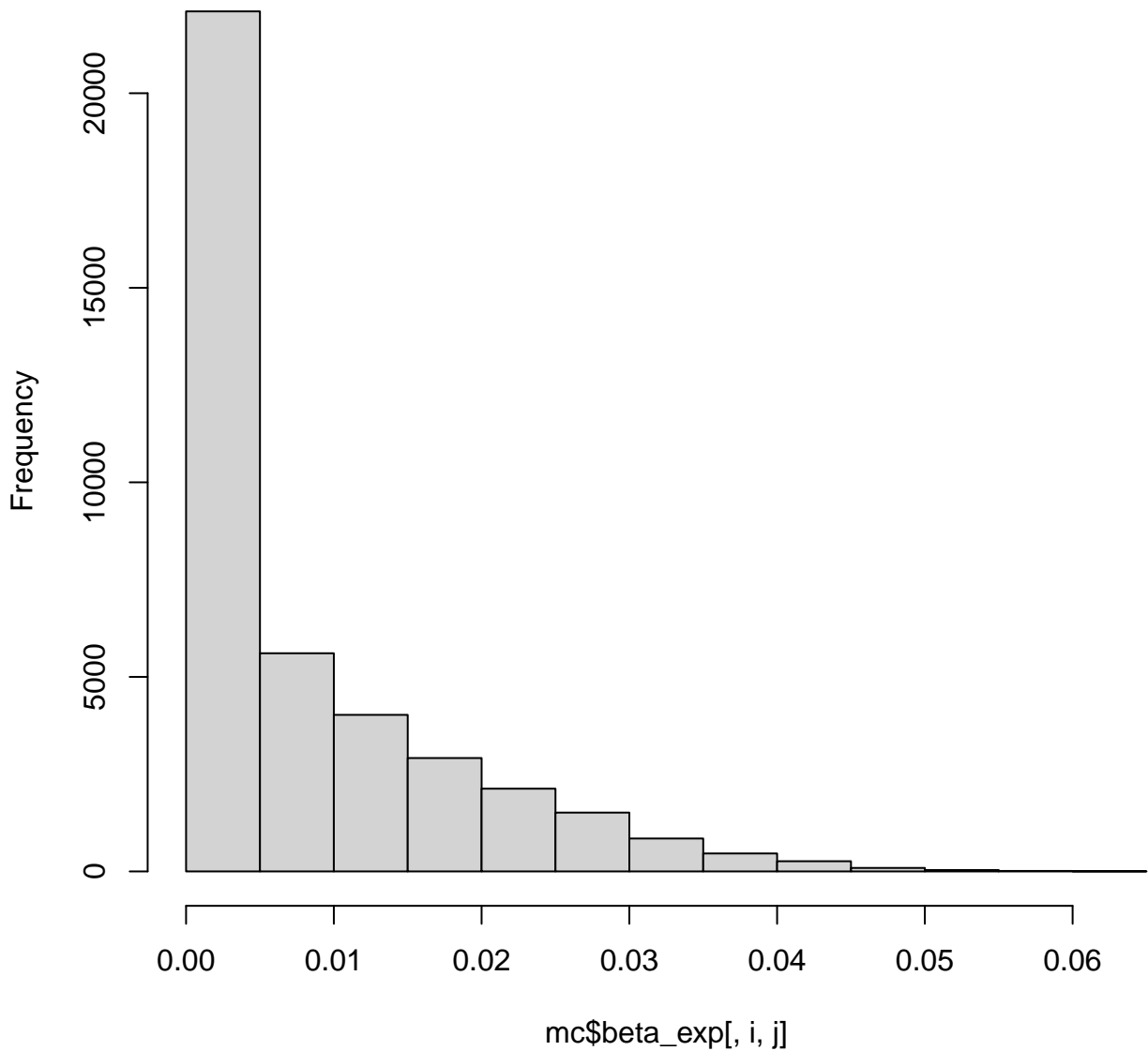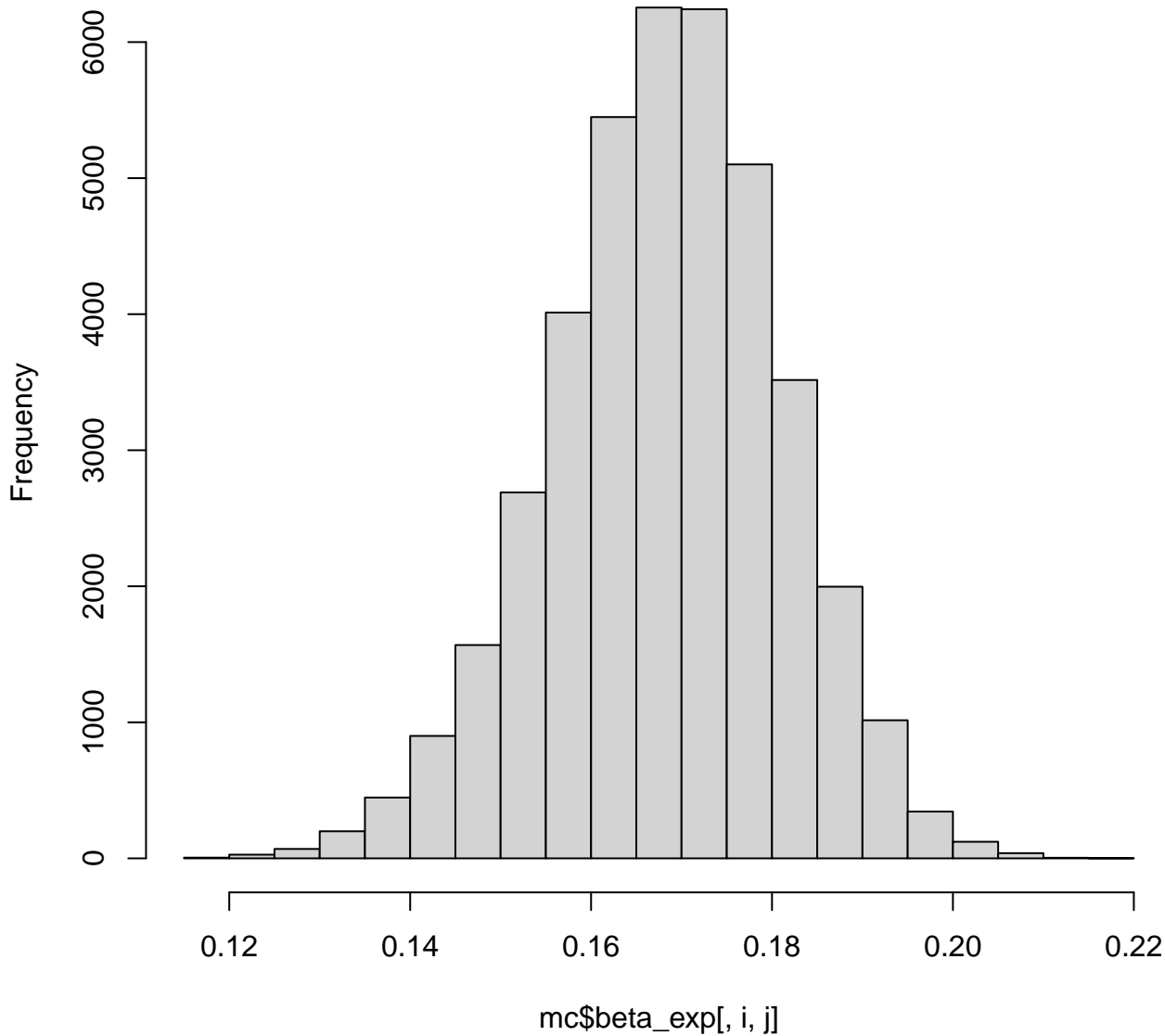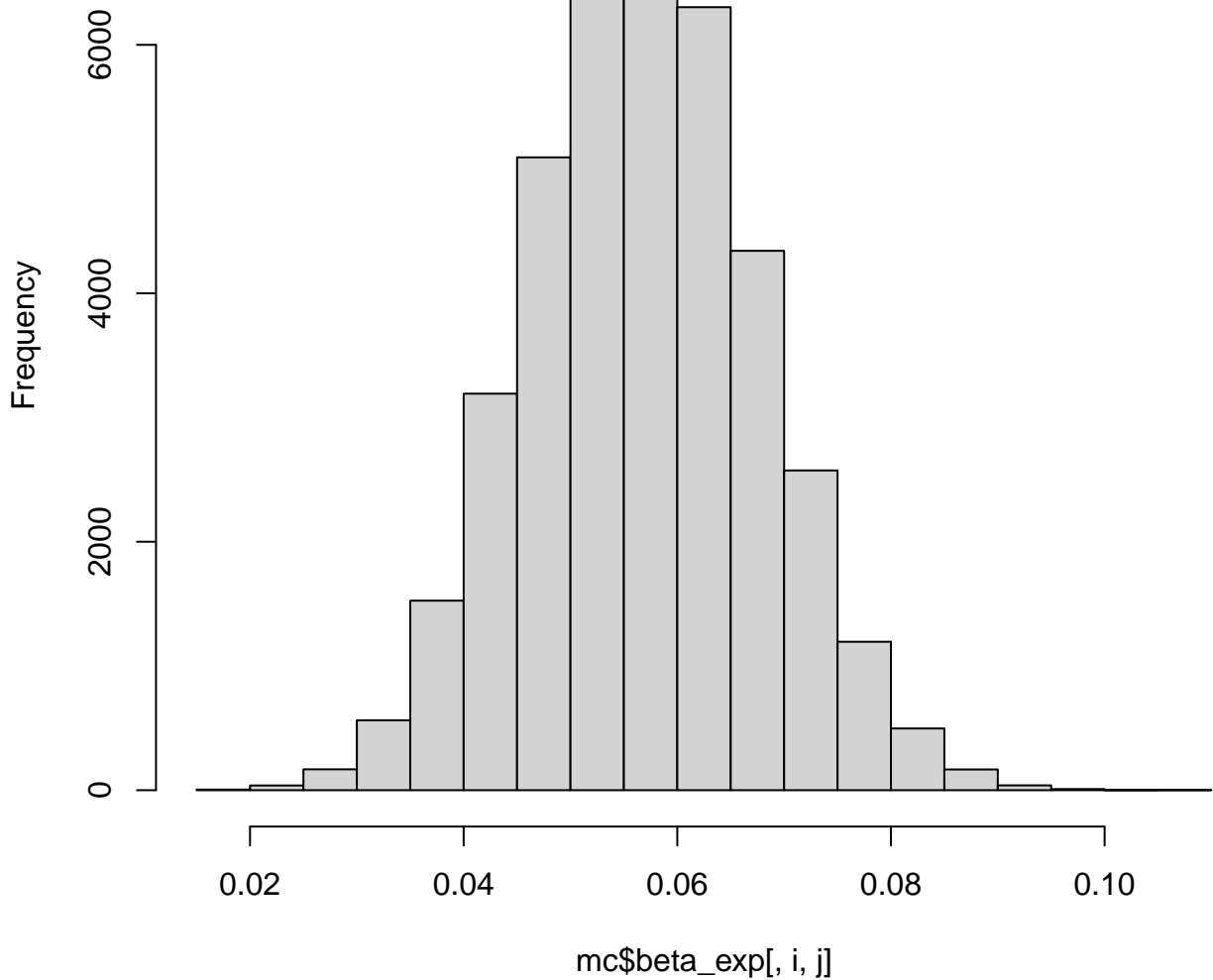
**Chicago, IL: gent**

**Denver, CO: intercept**

Frequency

mc$beta_exp[, i, j]

**Denver, CO: geo1**

Frequency

mc$beta_exp[, i, j]

**Denver, CO: geo2**

Frequency

mc$beta_exp[, i, j]

**Denver, CO: geo3**

Frequency

mc$beta_exp[, i, j]
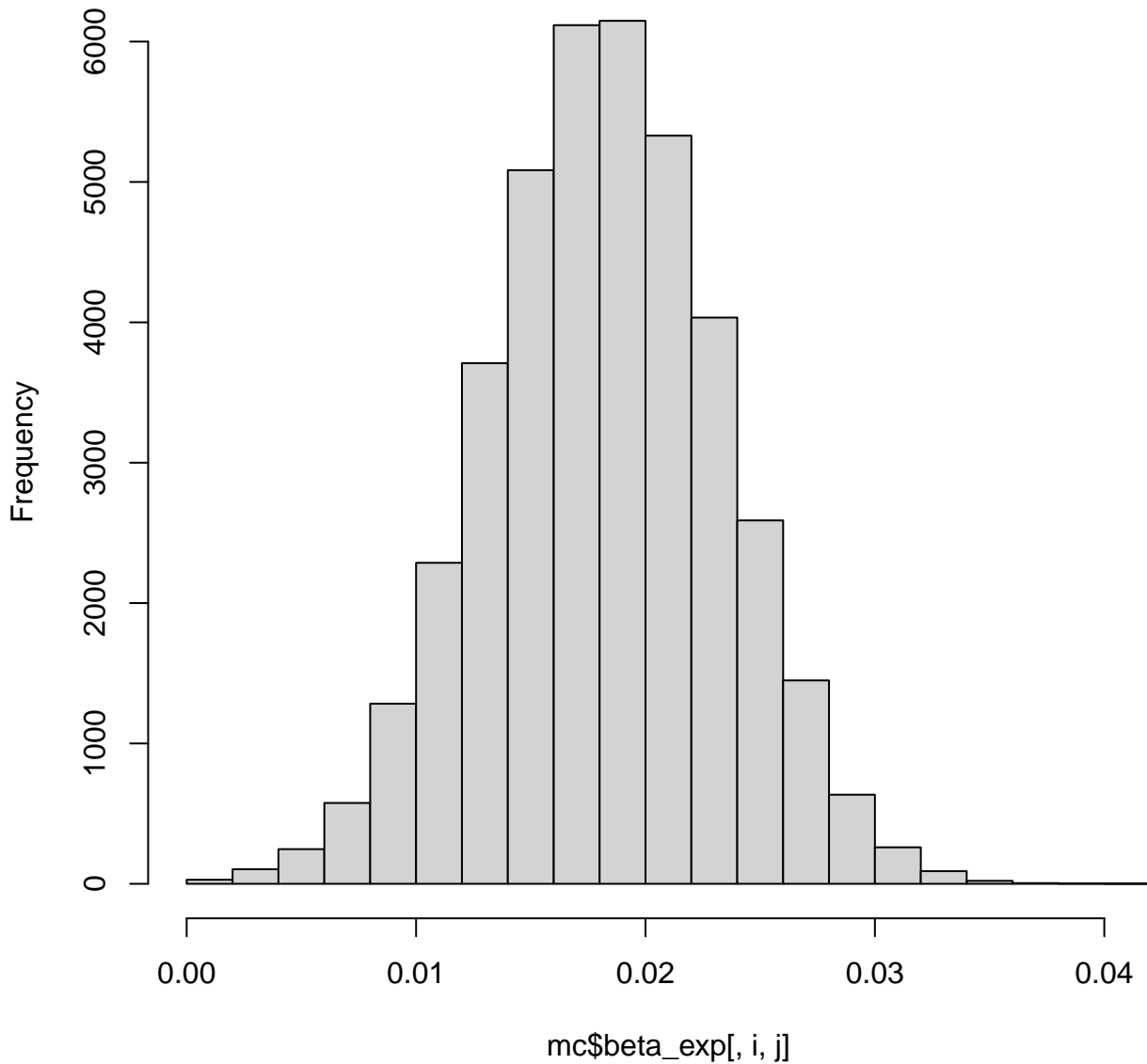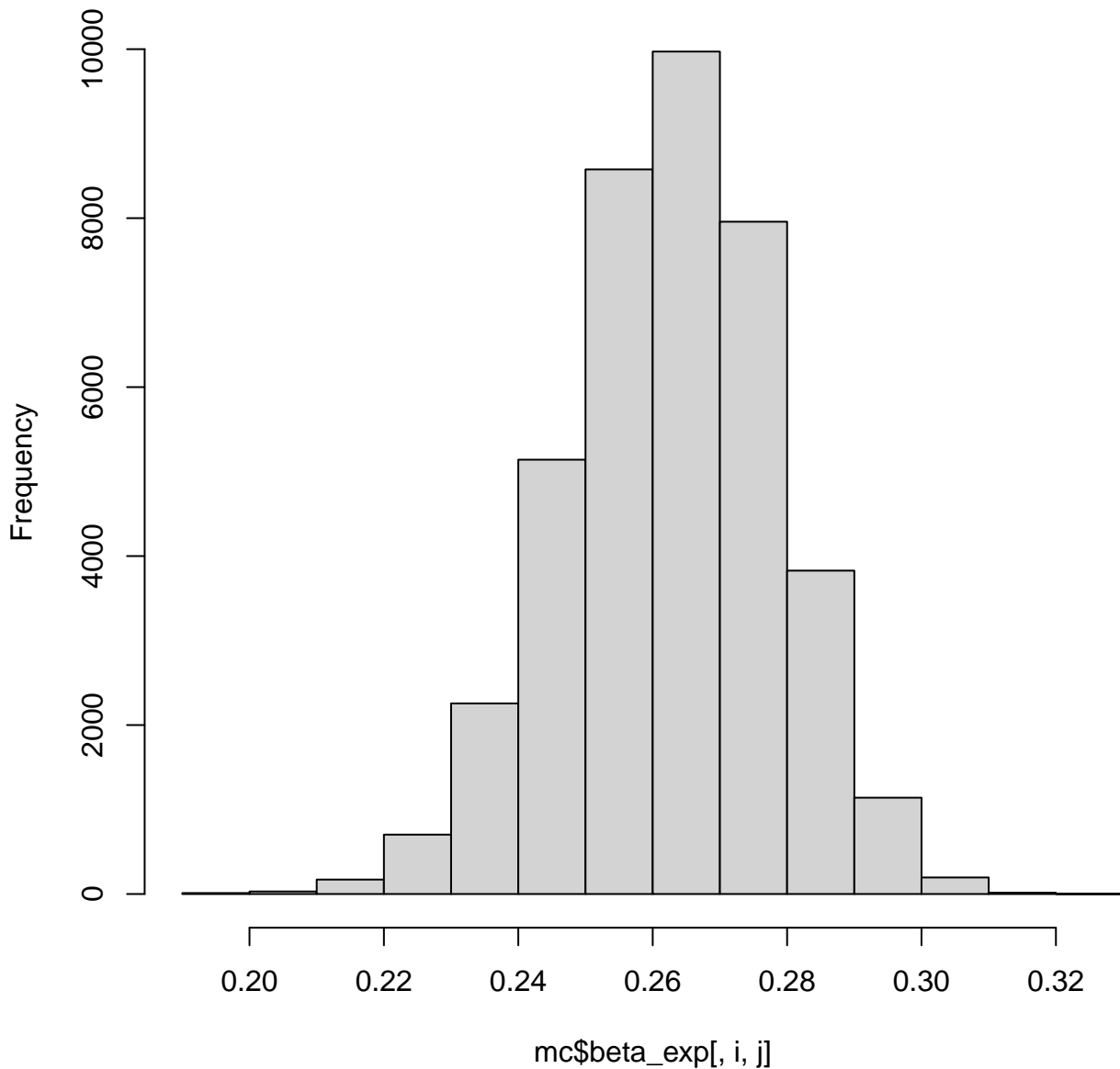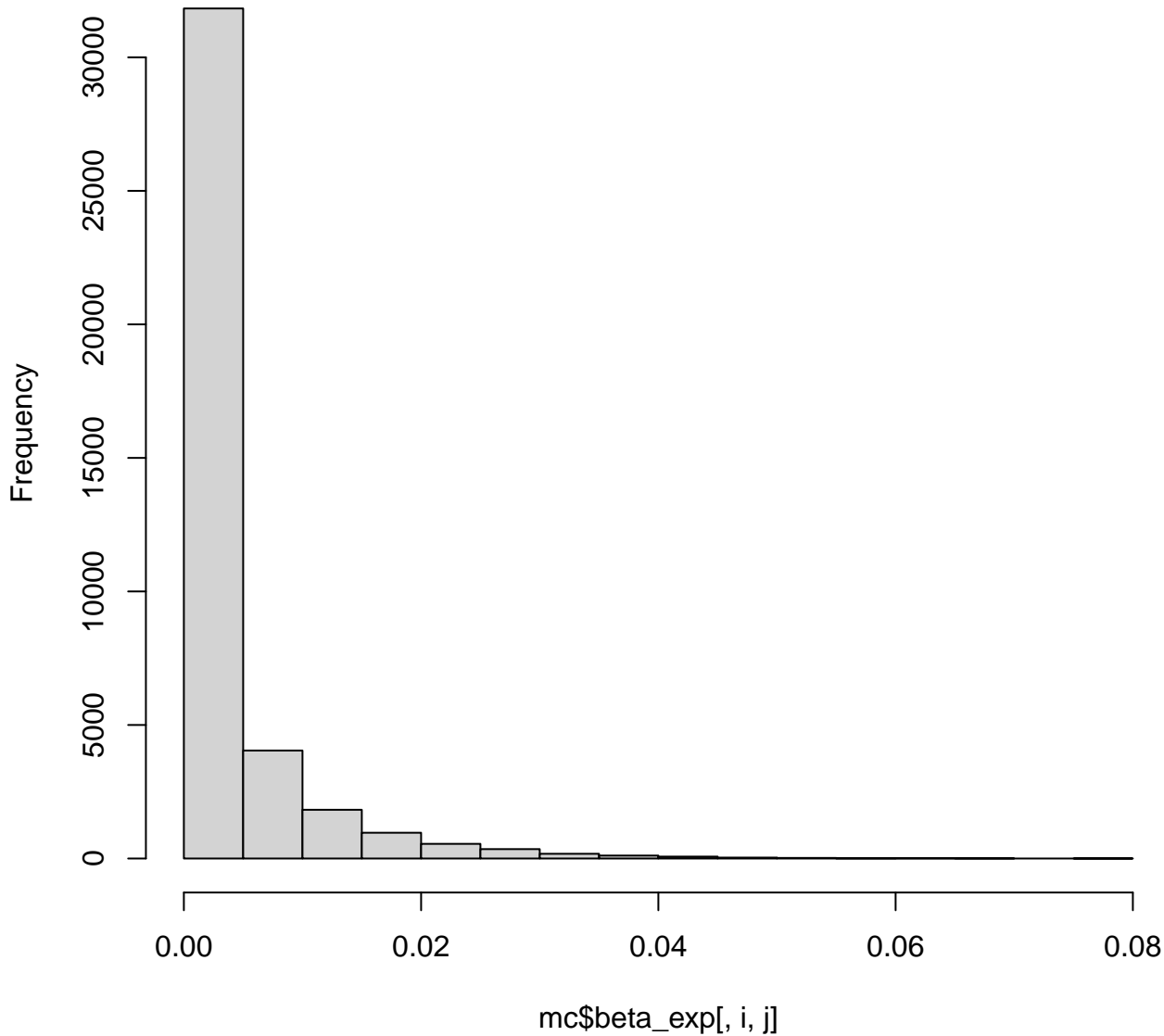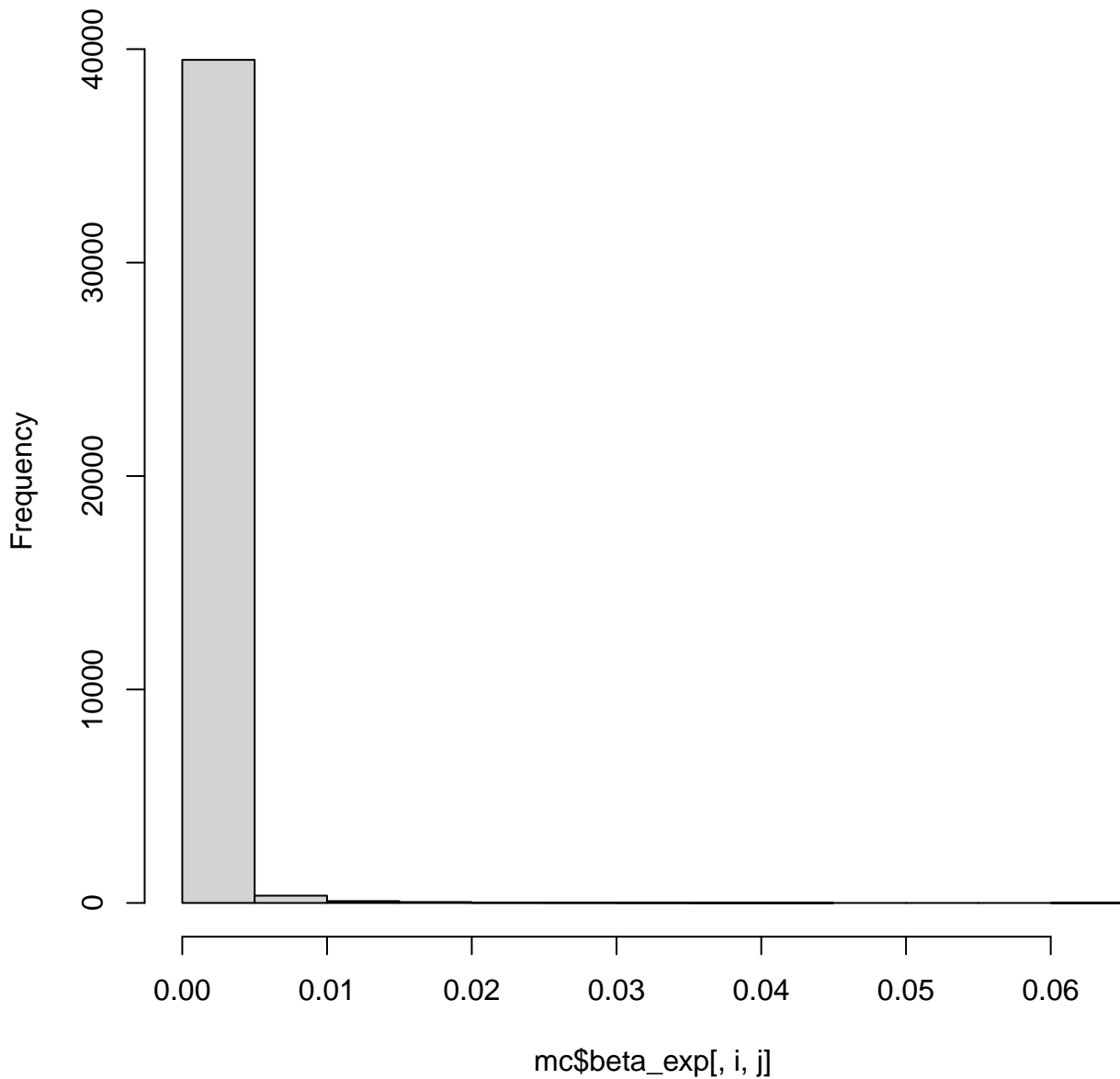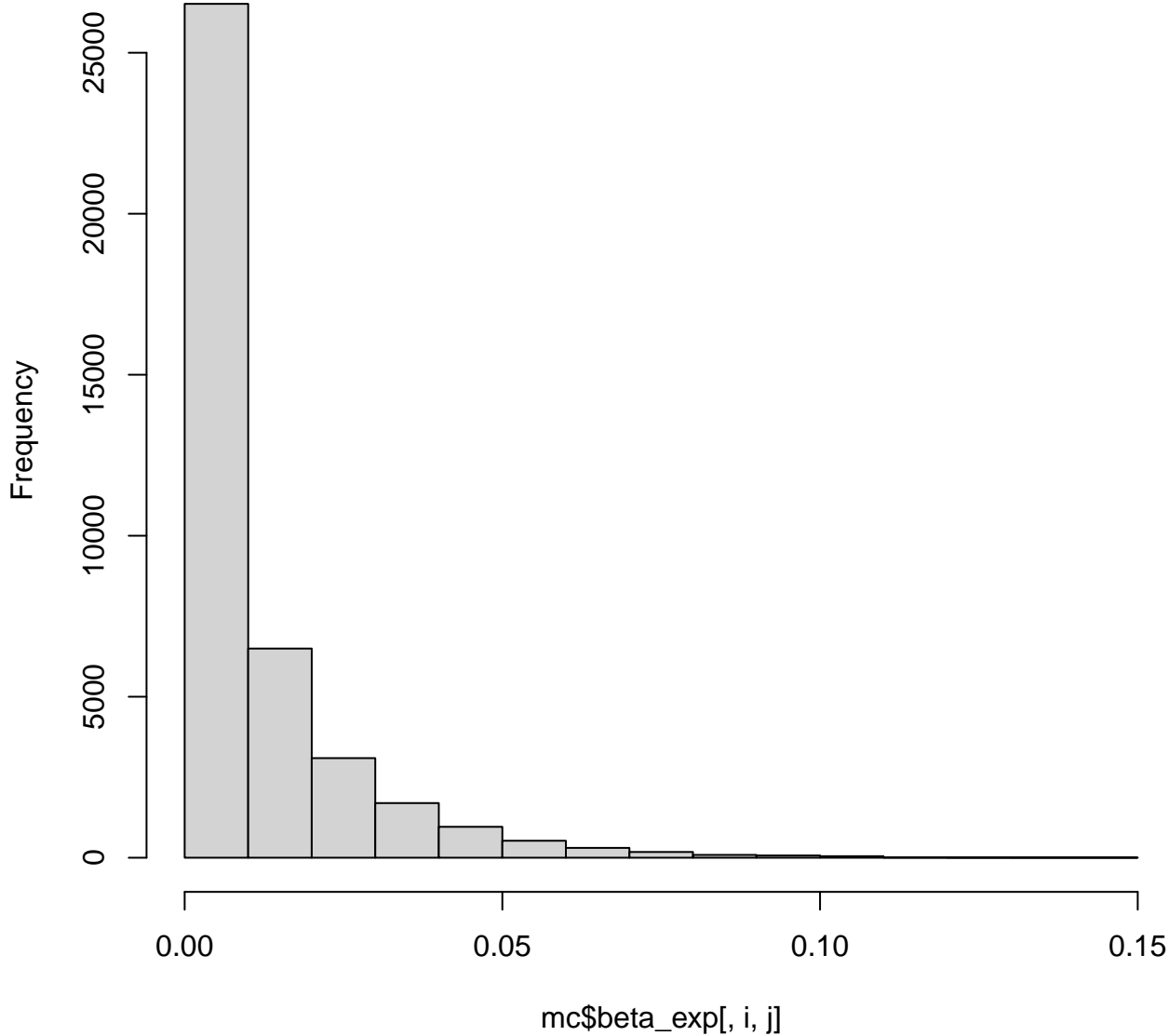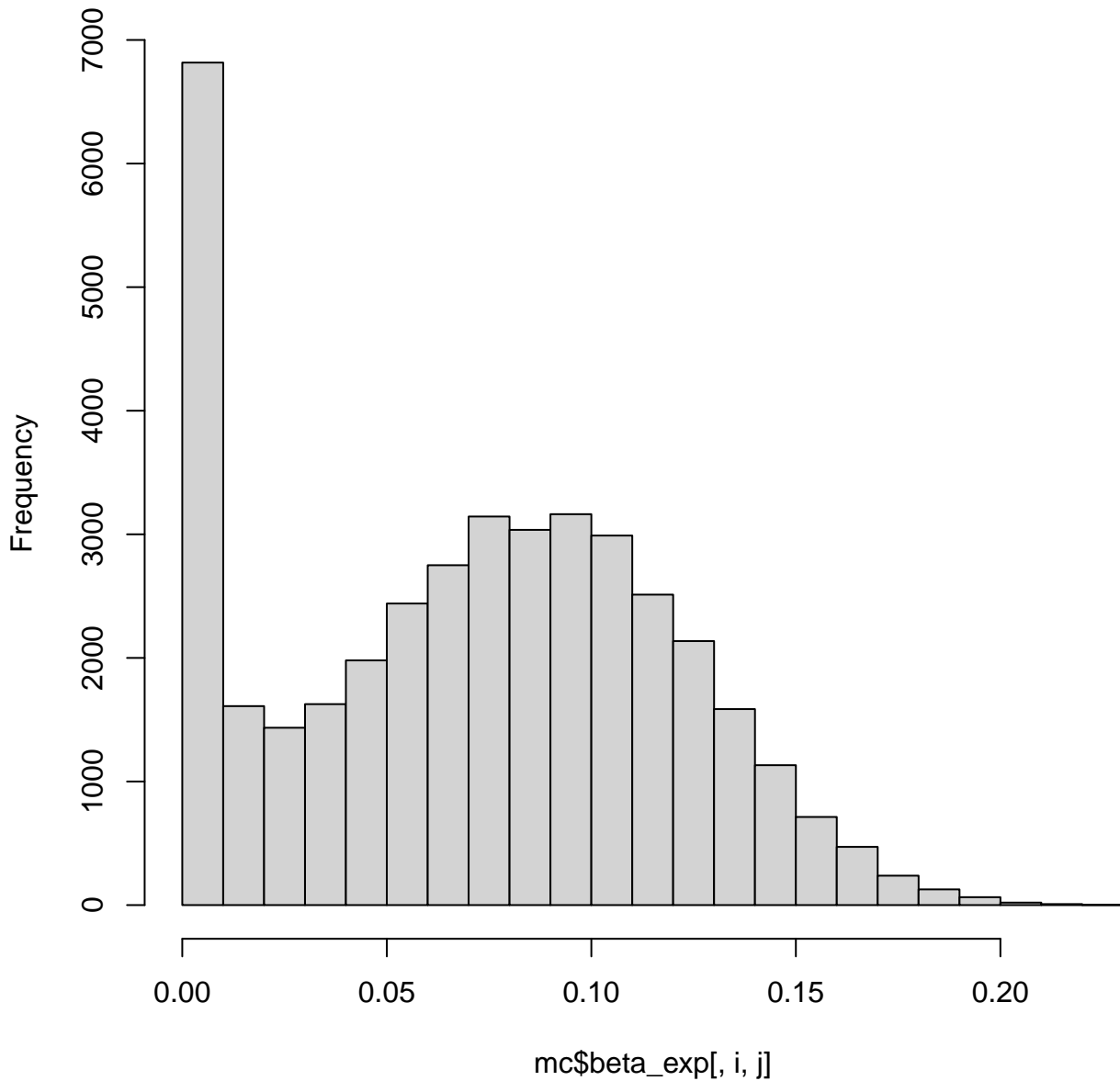
**Denver, CO: imp1**

**Denver, CO: imp2**
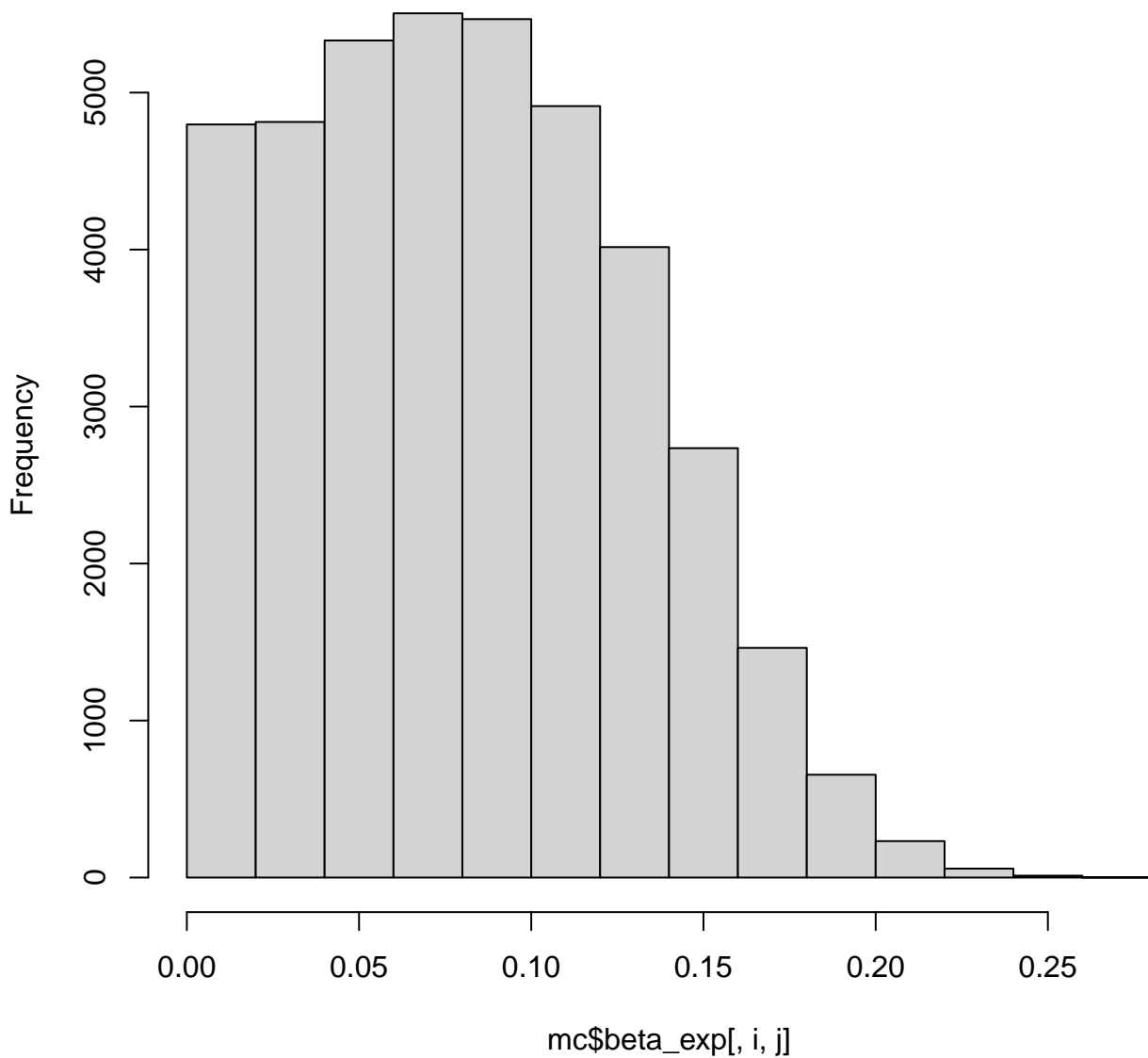
**Denver, CO: imp3**
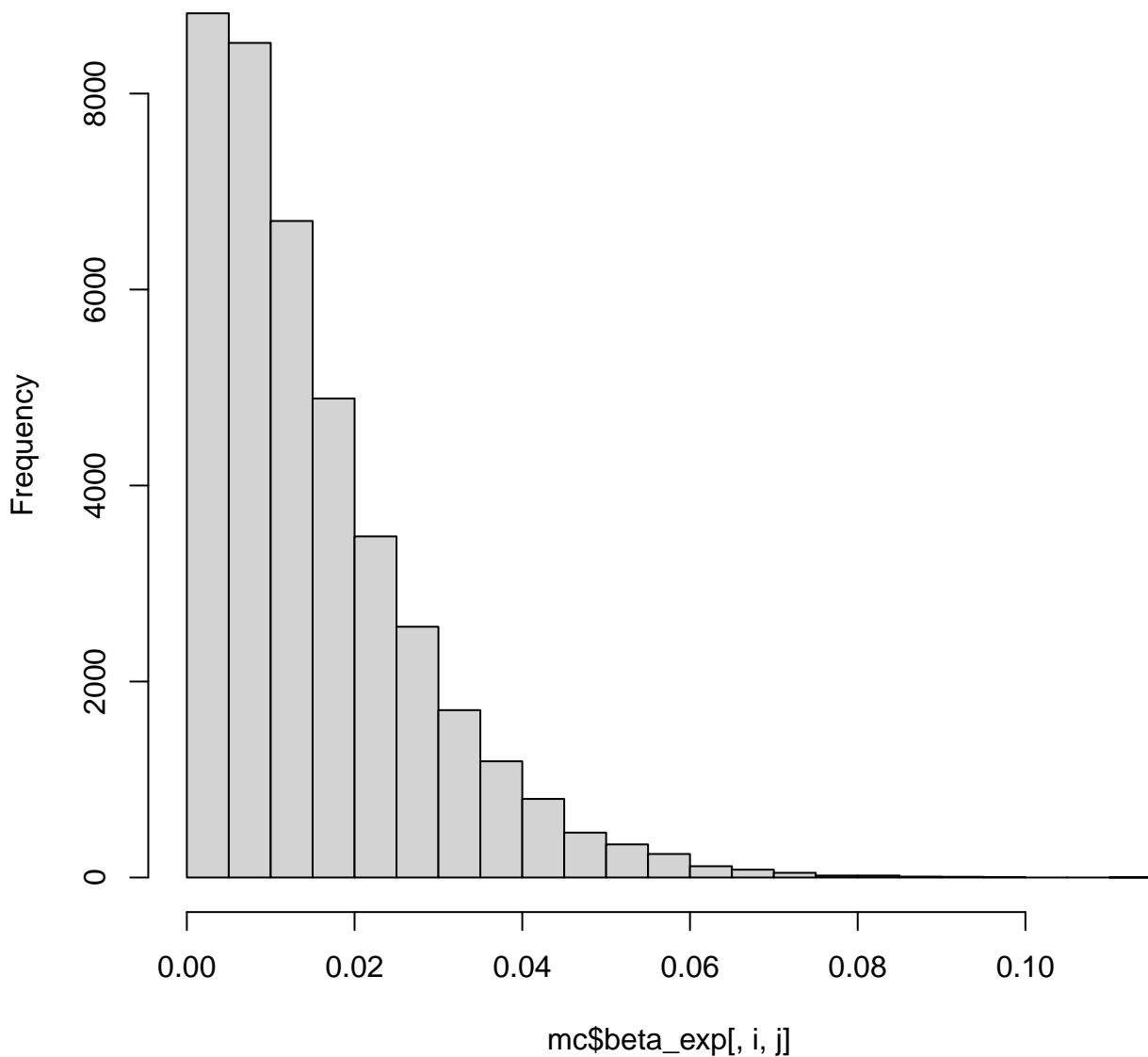
**Denver, CO: gent**

Frequency vs mc$beta_exp[, i, j]

**Houston, TX: intercept**

Frequency

mc$beta_exp[, i, j]

**Houston, TX: geo1**

Frequency

mc$beta_exp[, i, j]

**Houston, TX: geo2**

Frequency

mc$beta_exp[, i, j]

**Houston, TX: geo3**

Frequency

mc$beta_exp[, i, j]
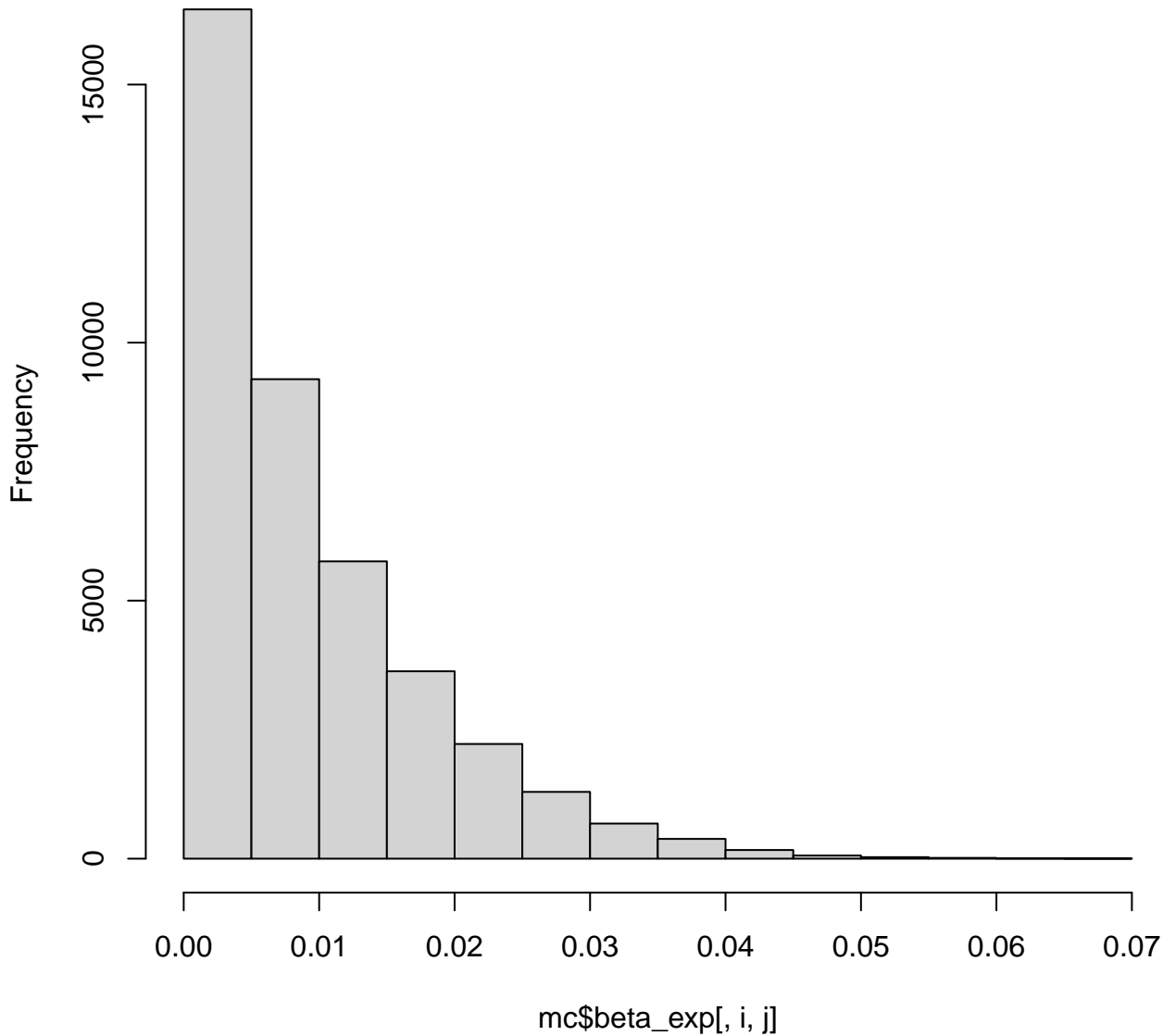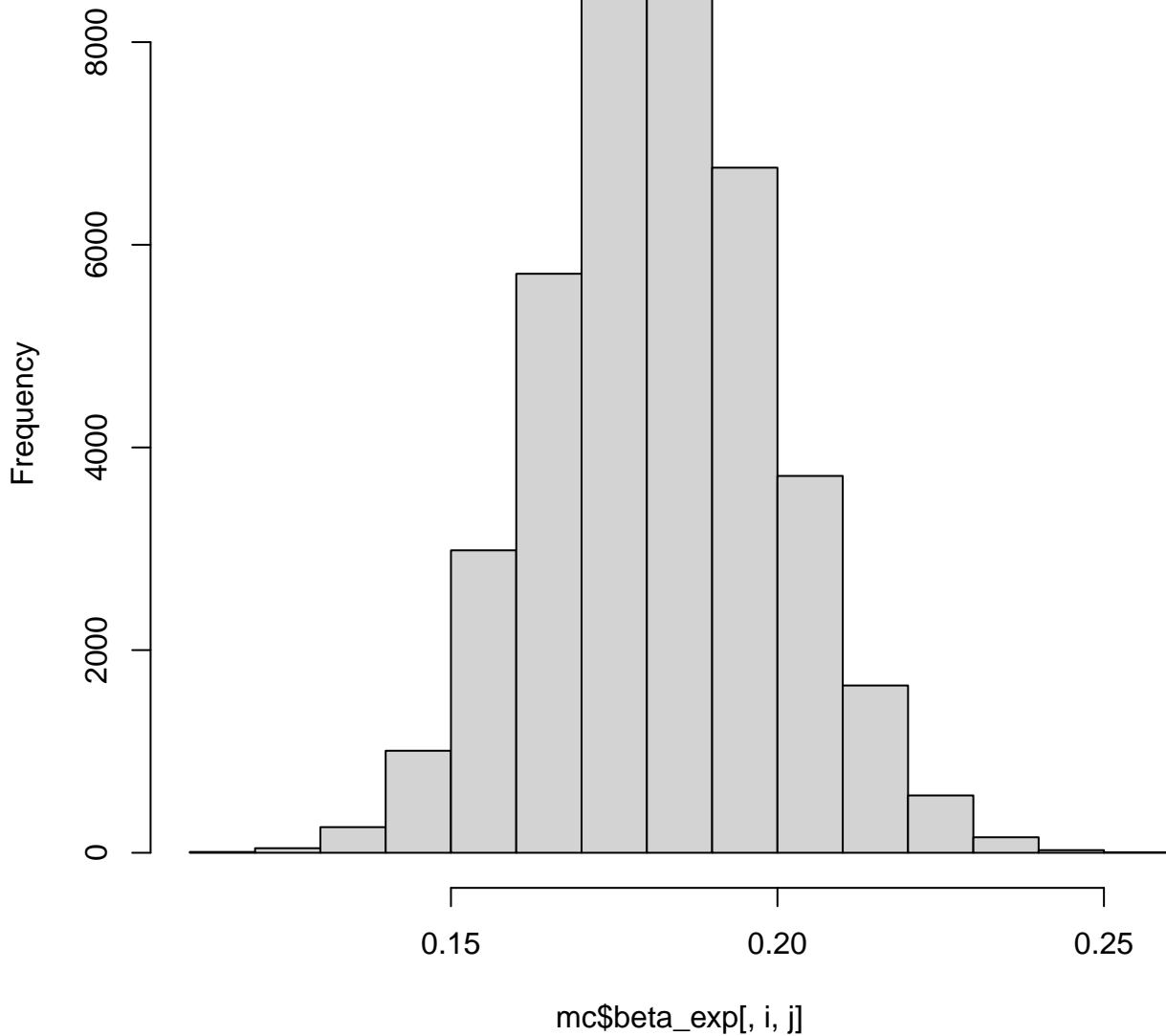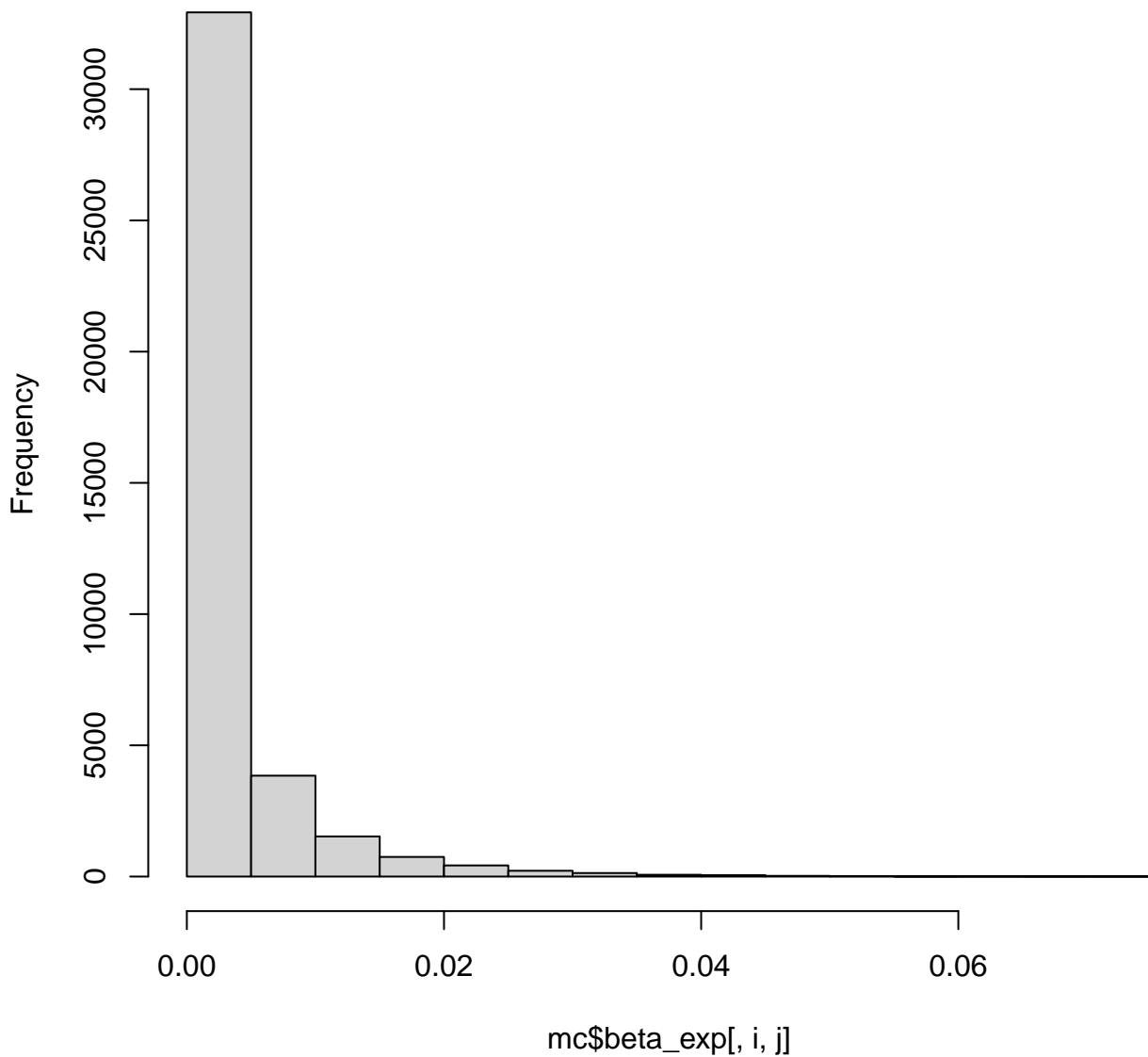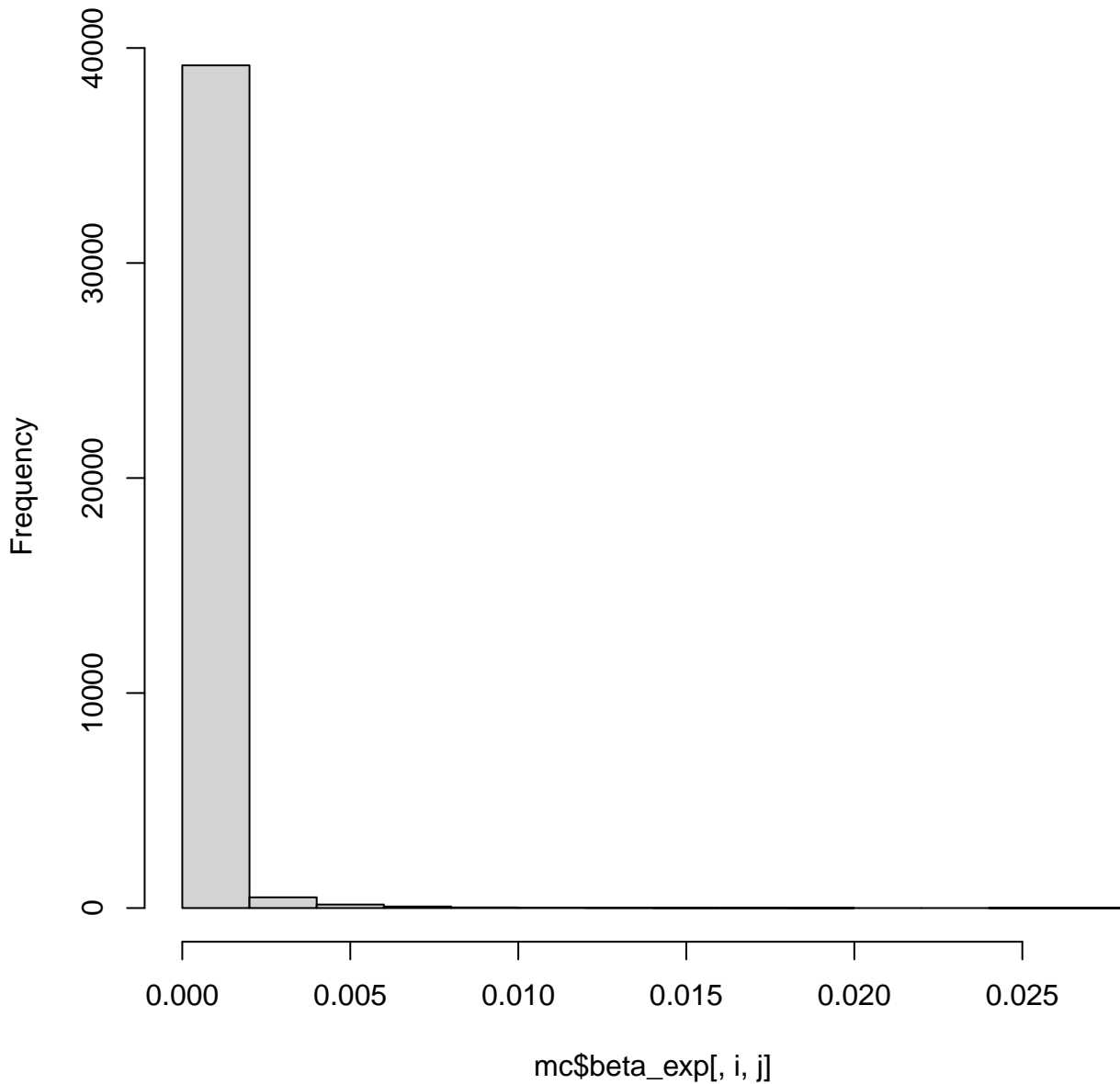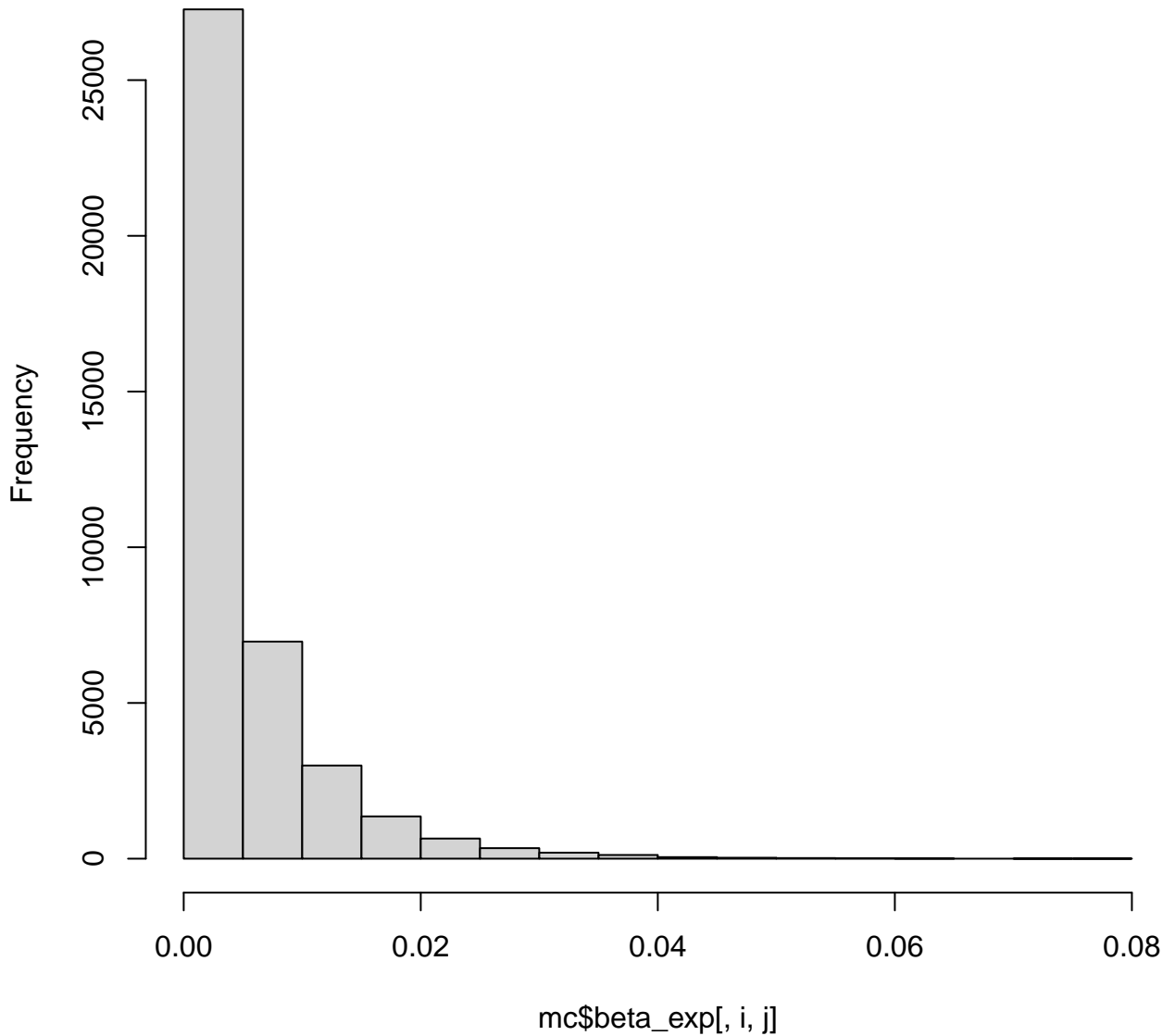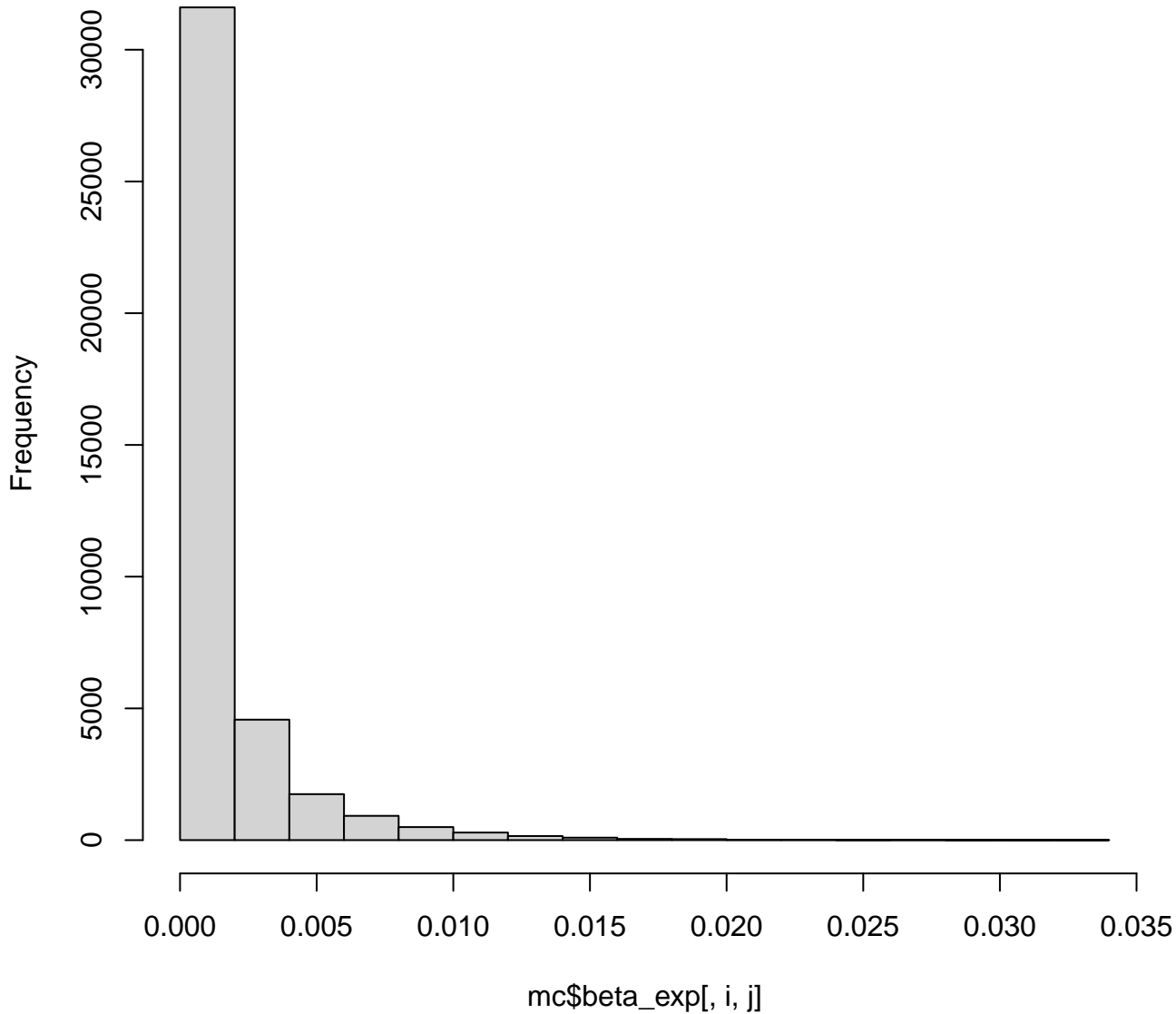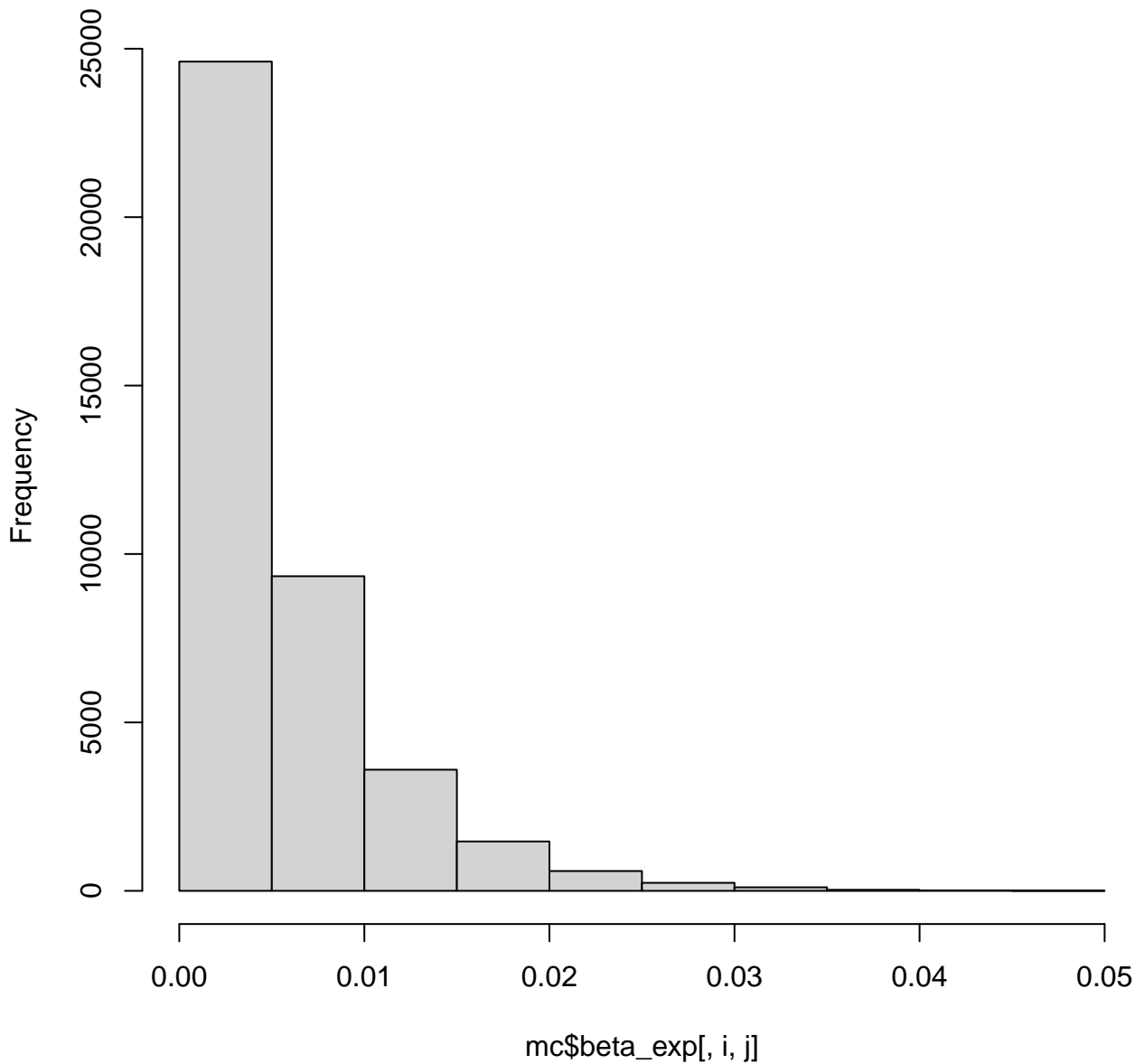
**Houston, TX: imp1**

**Houston, TX: imp2**
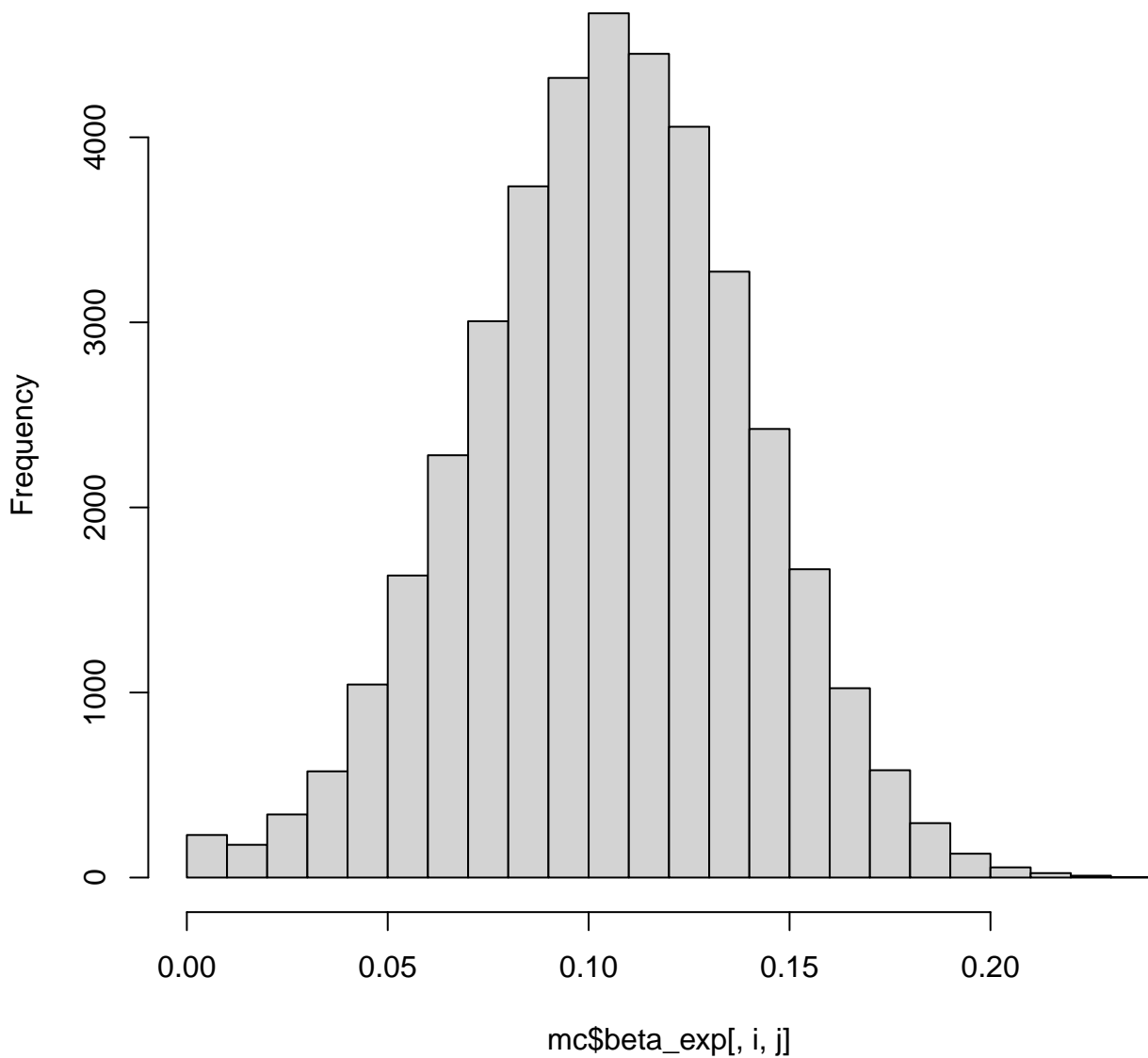
**Houston, TX: imp3**
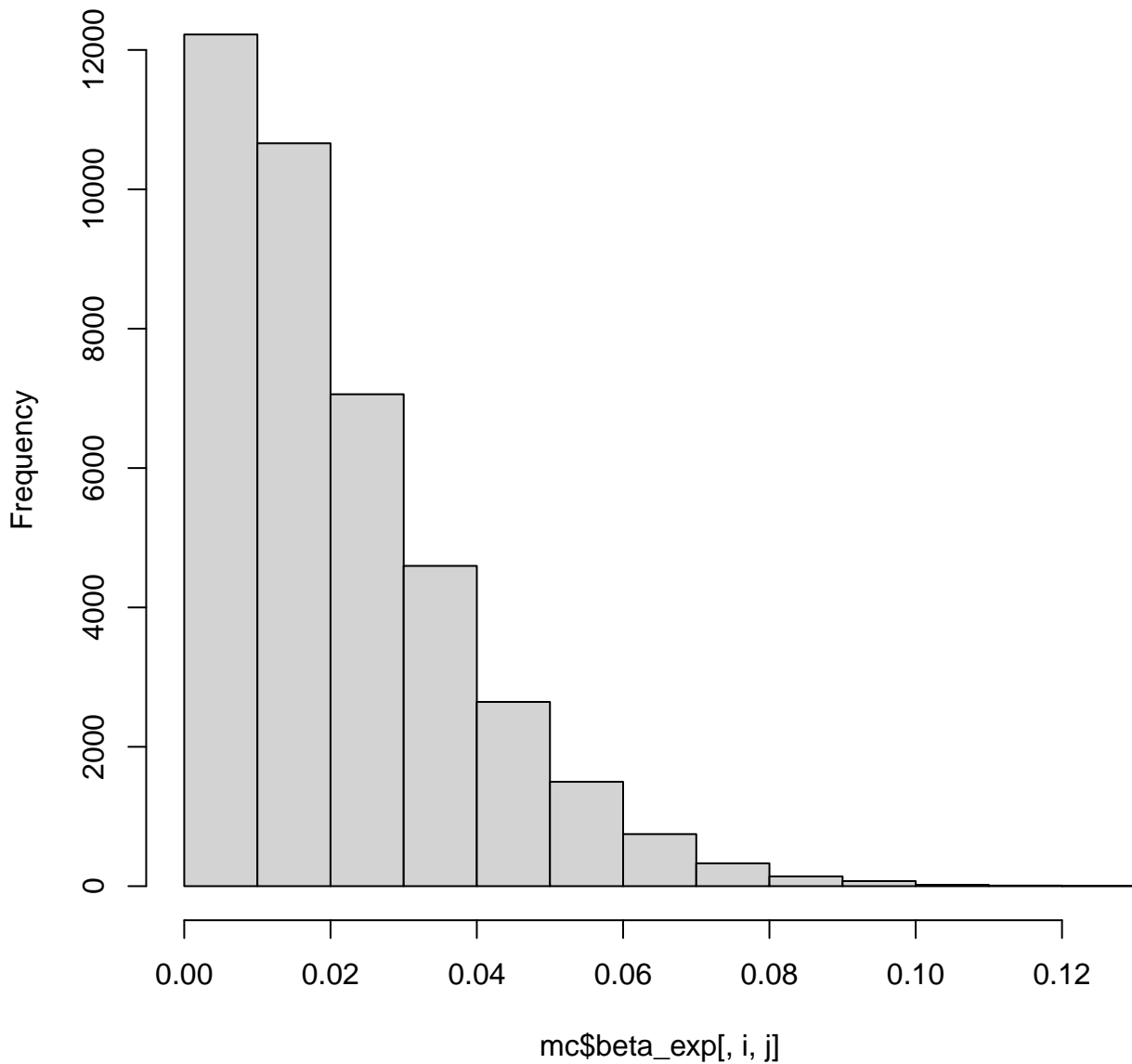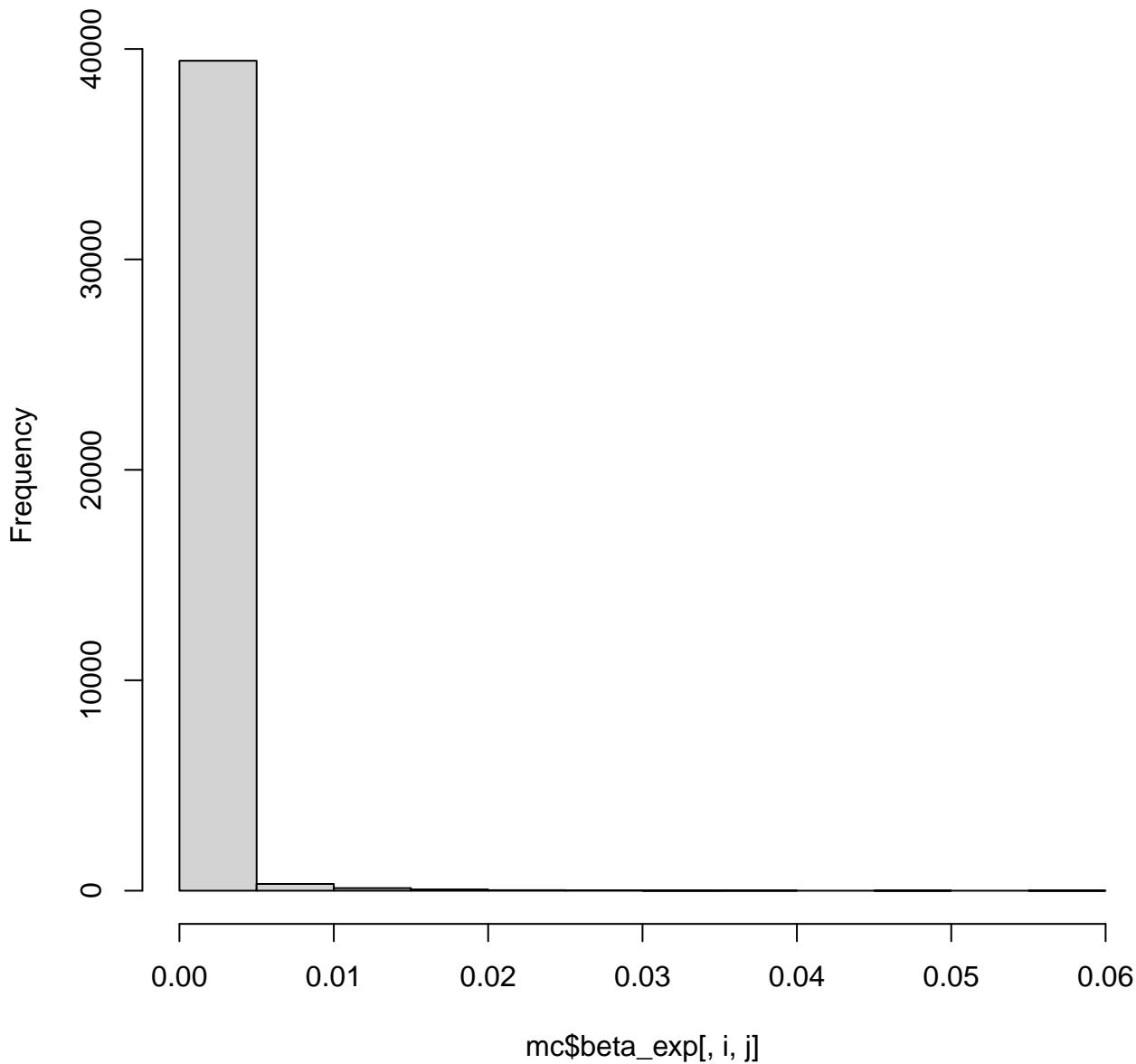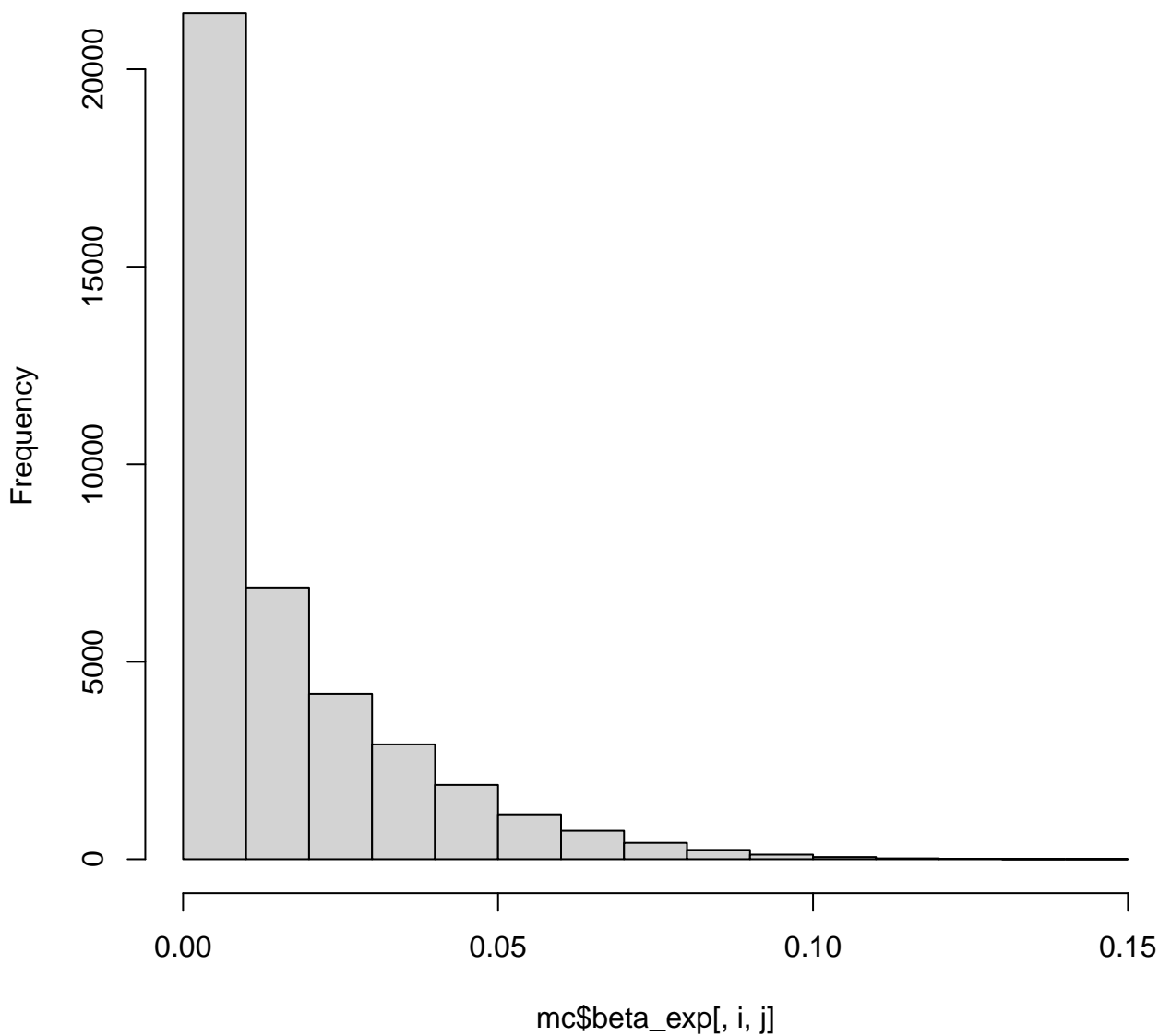
# Houston, TX: gent

**Indianapolis, IN: intercept**

Frequency

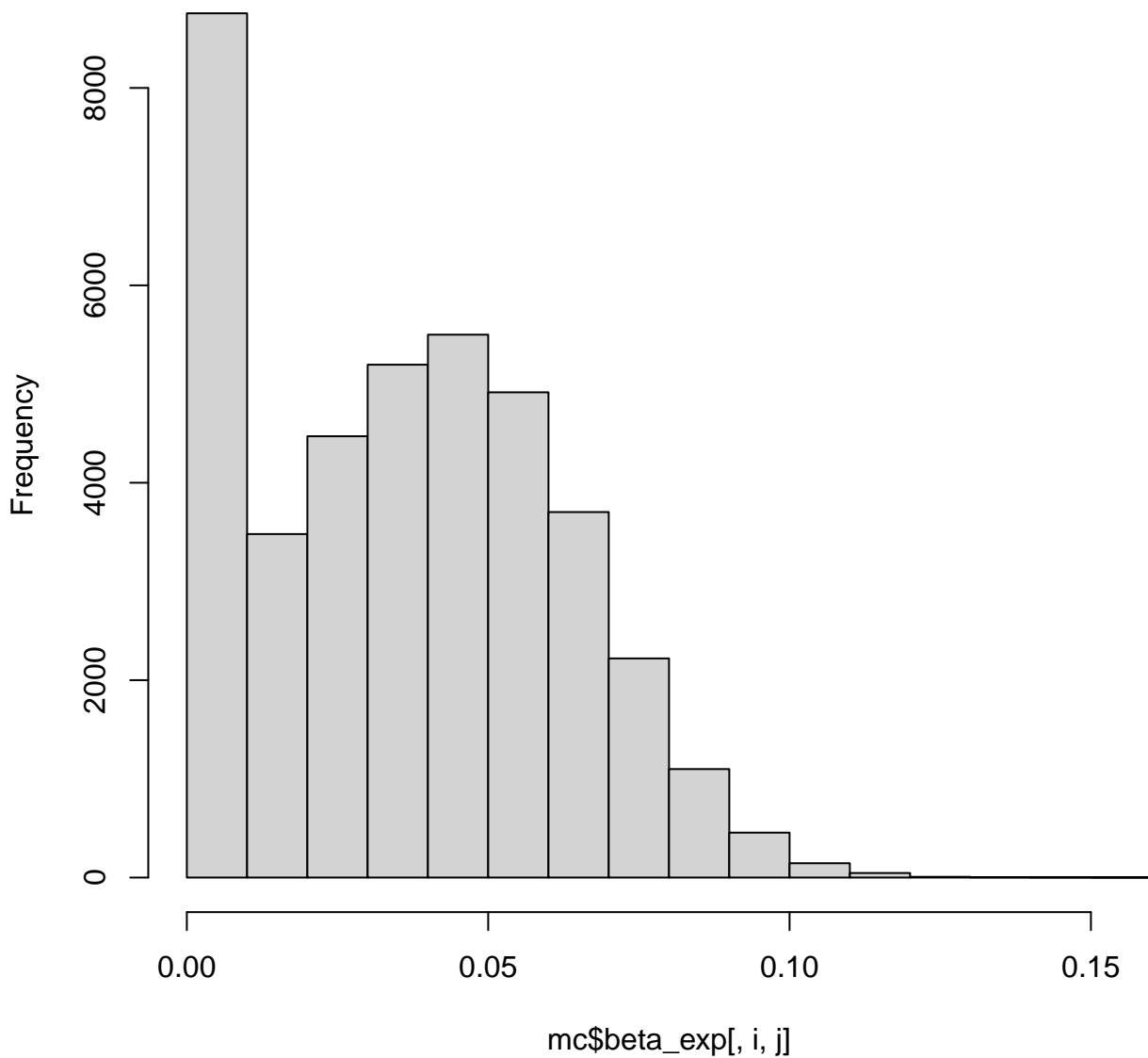mc$beta_exp[, i, j]
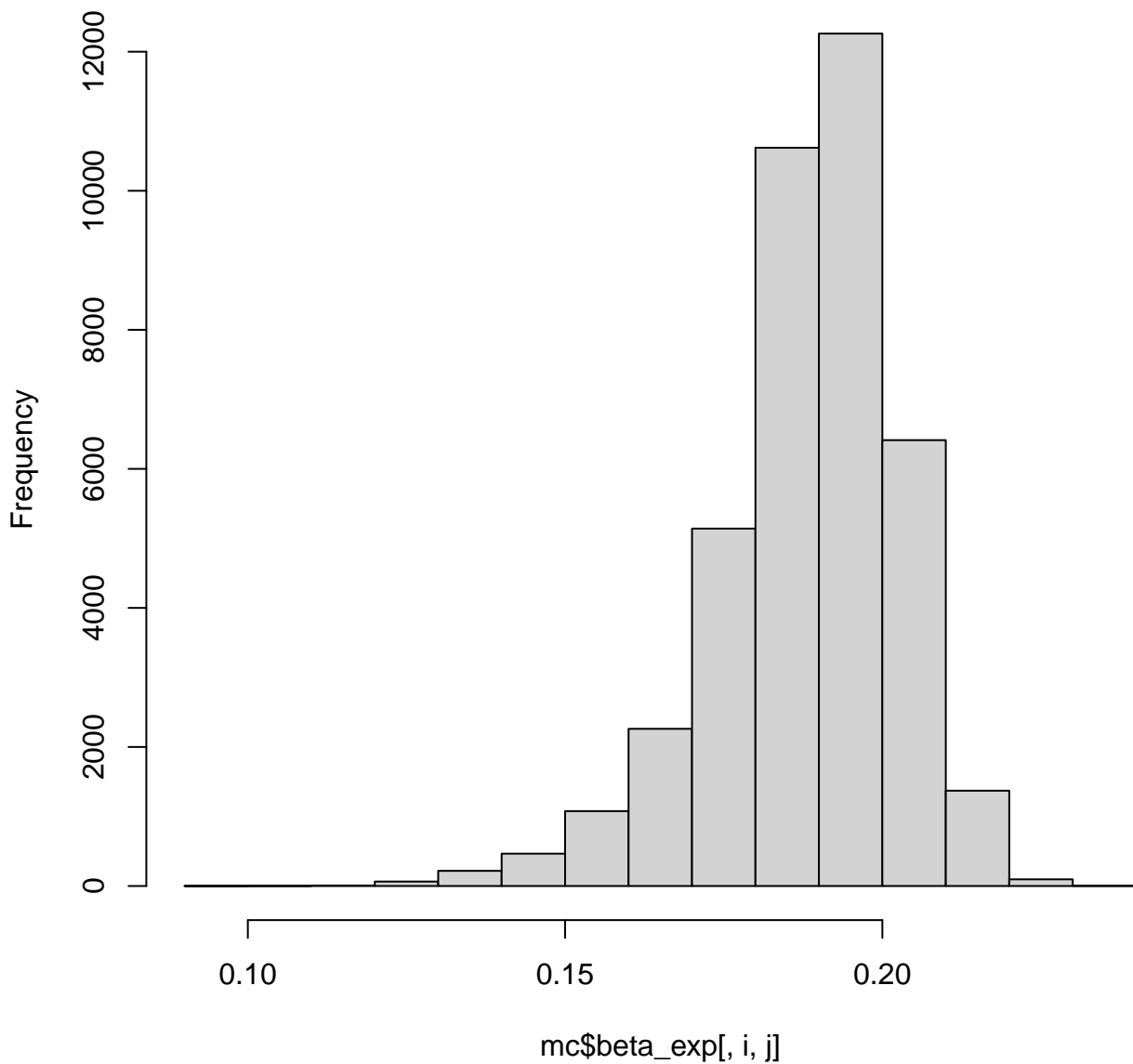
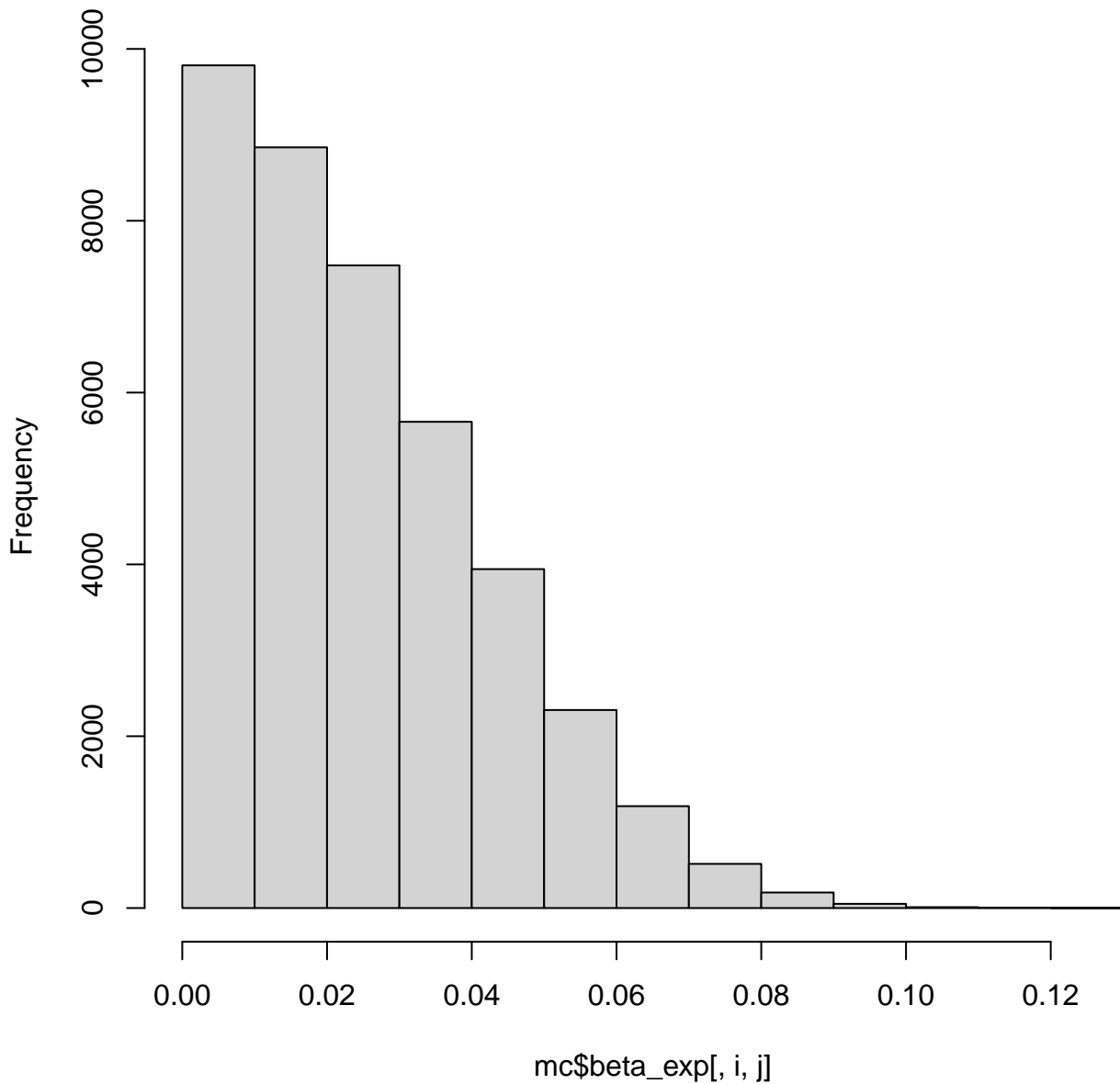**Indianapolis, IN: geo1**
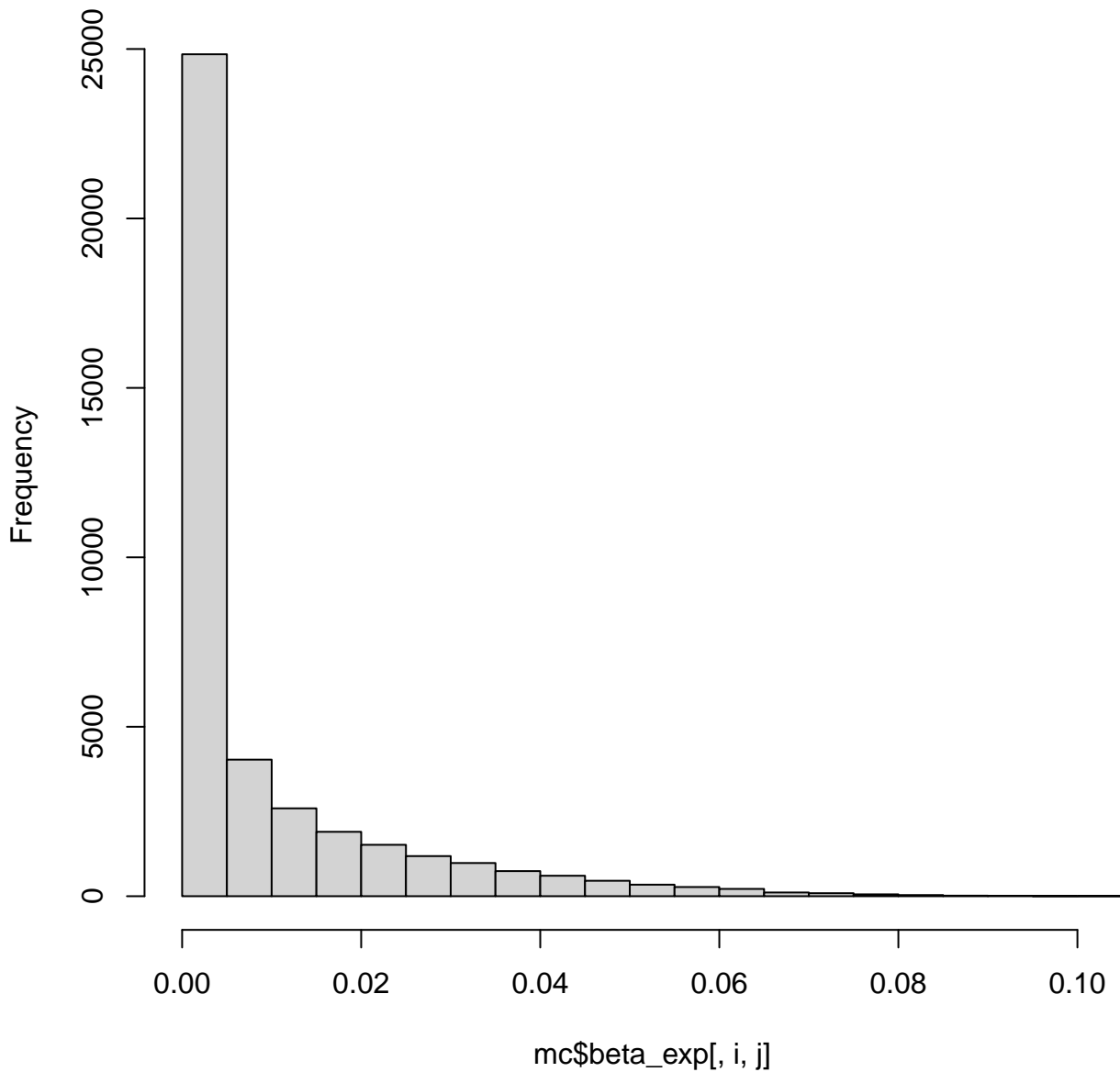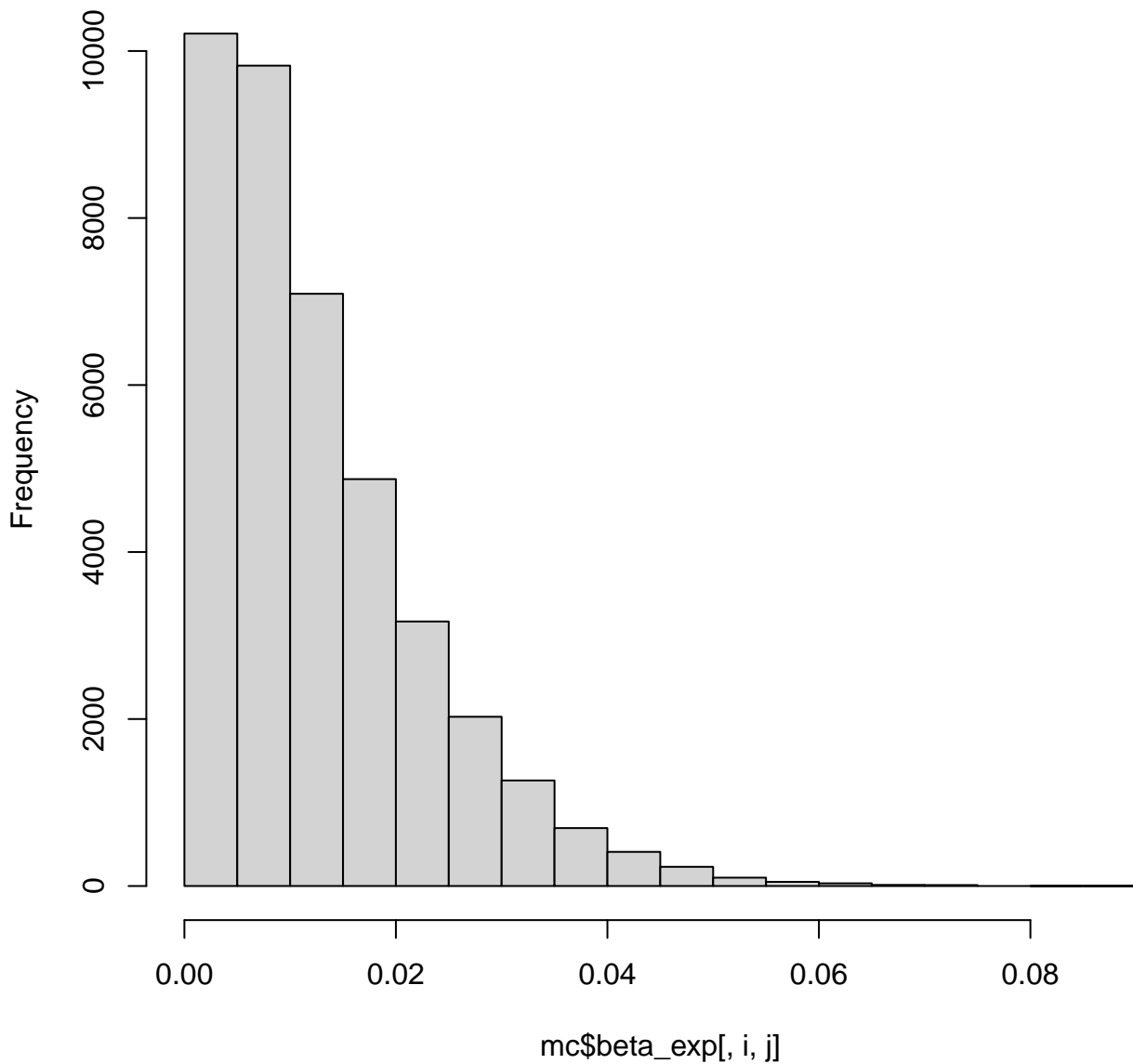
**Indianapolis, IN: geo2**

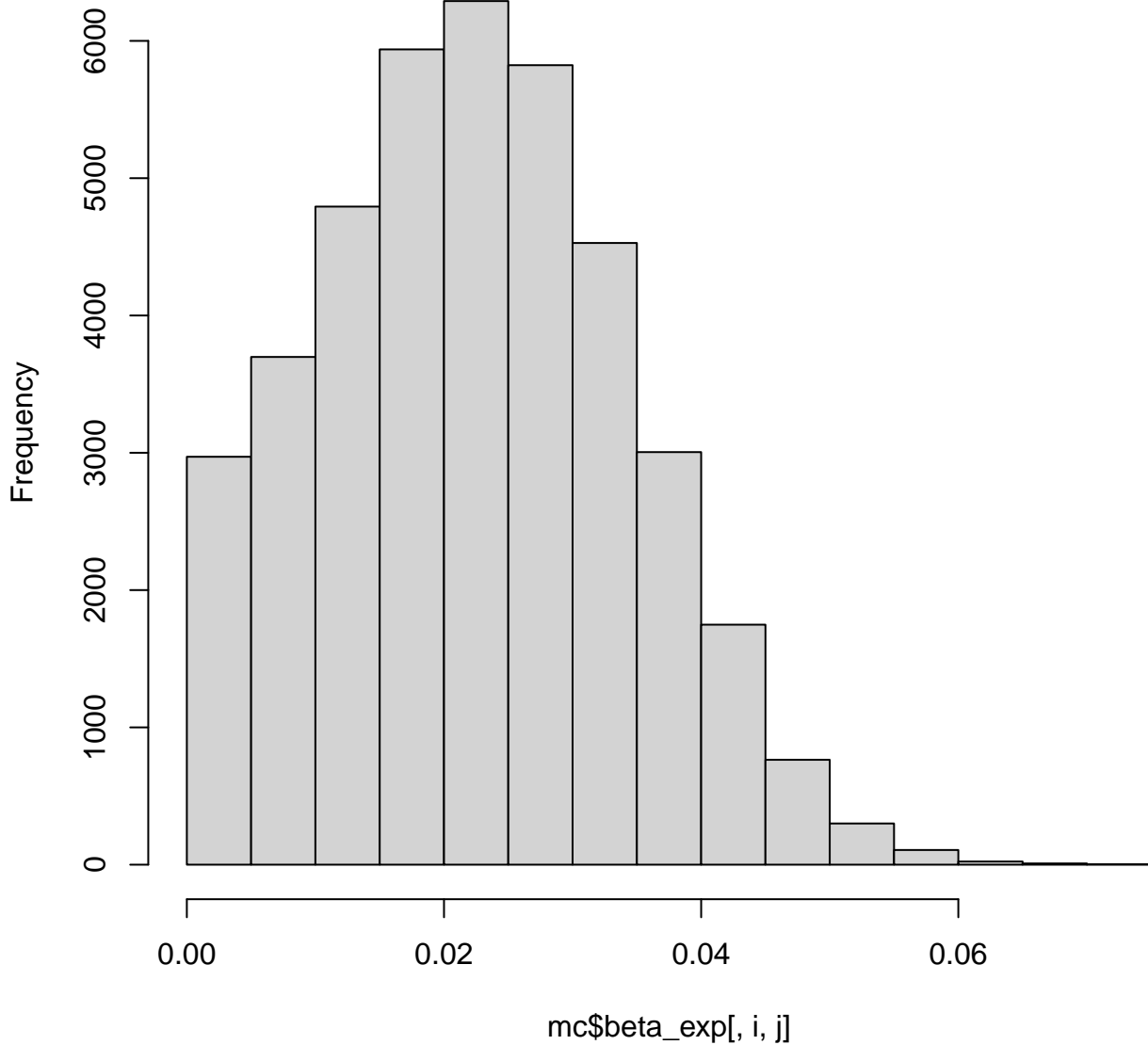**Indianapolis, IN: geo3**

**Indianapolis, IN: imp1**

**Indianapolis, IN: imp2**
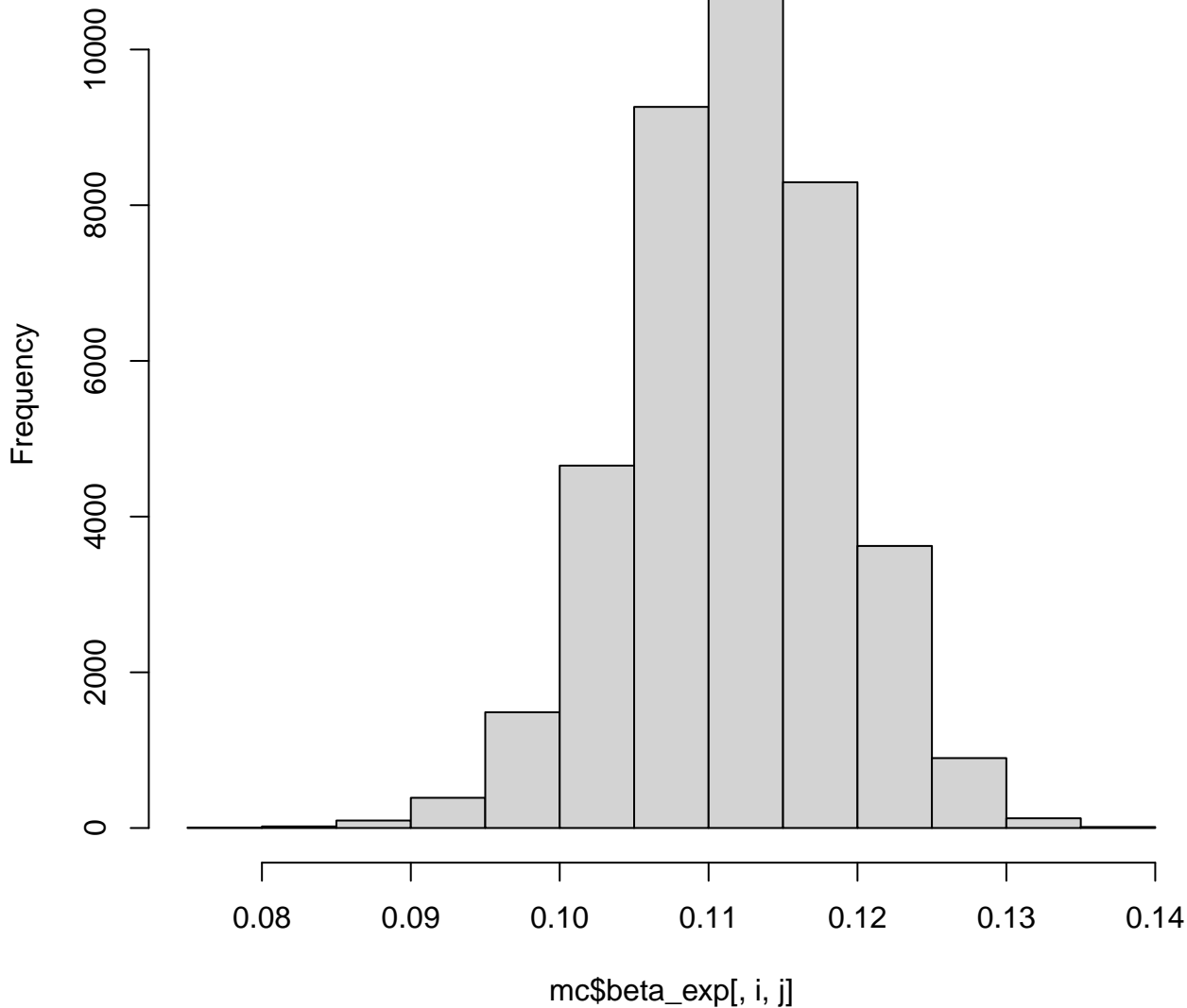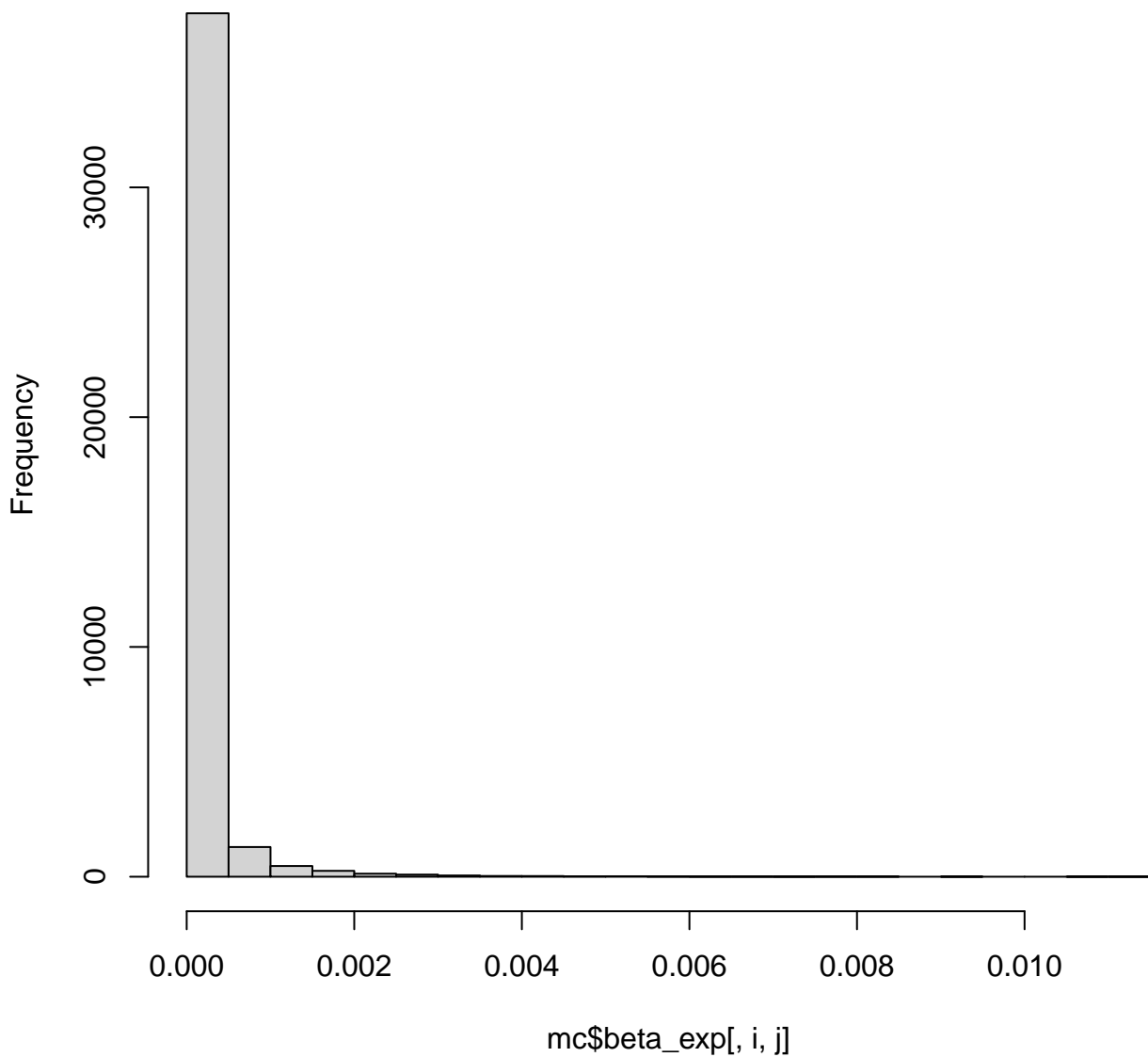
**Indianapolis, IN: imp3**
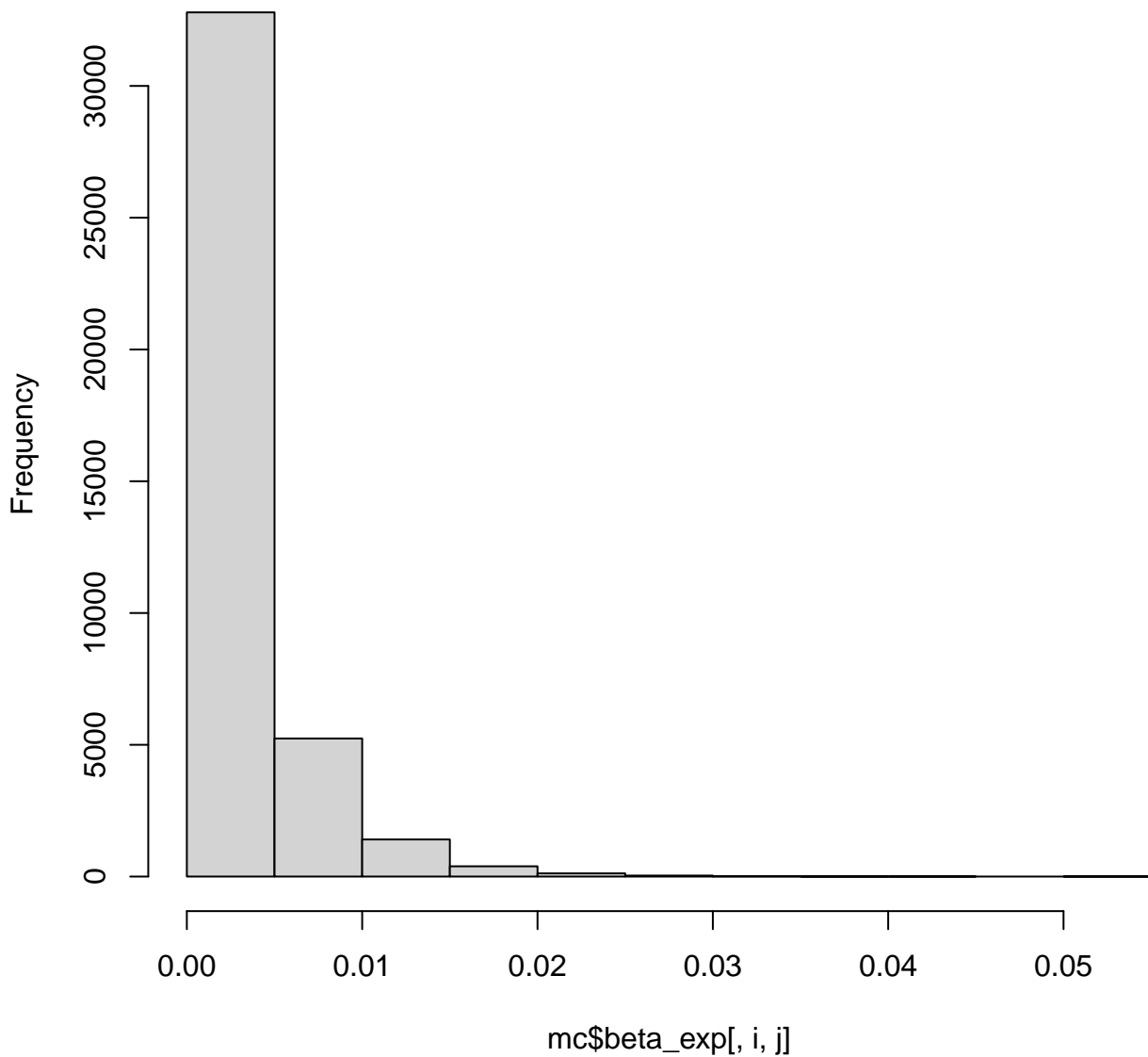
**Indianapolis, IN: gent**
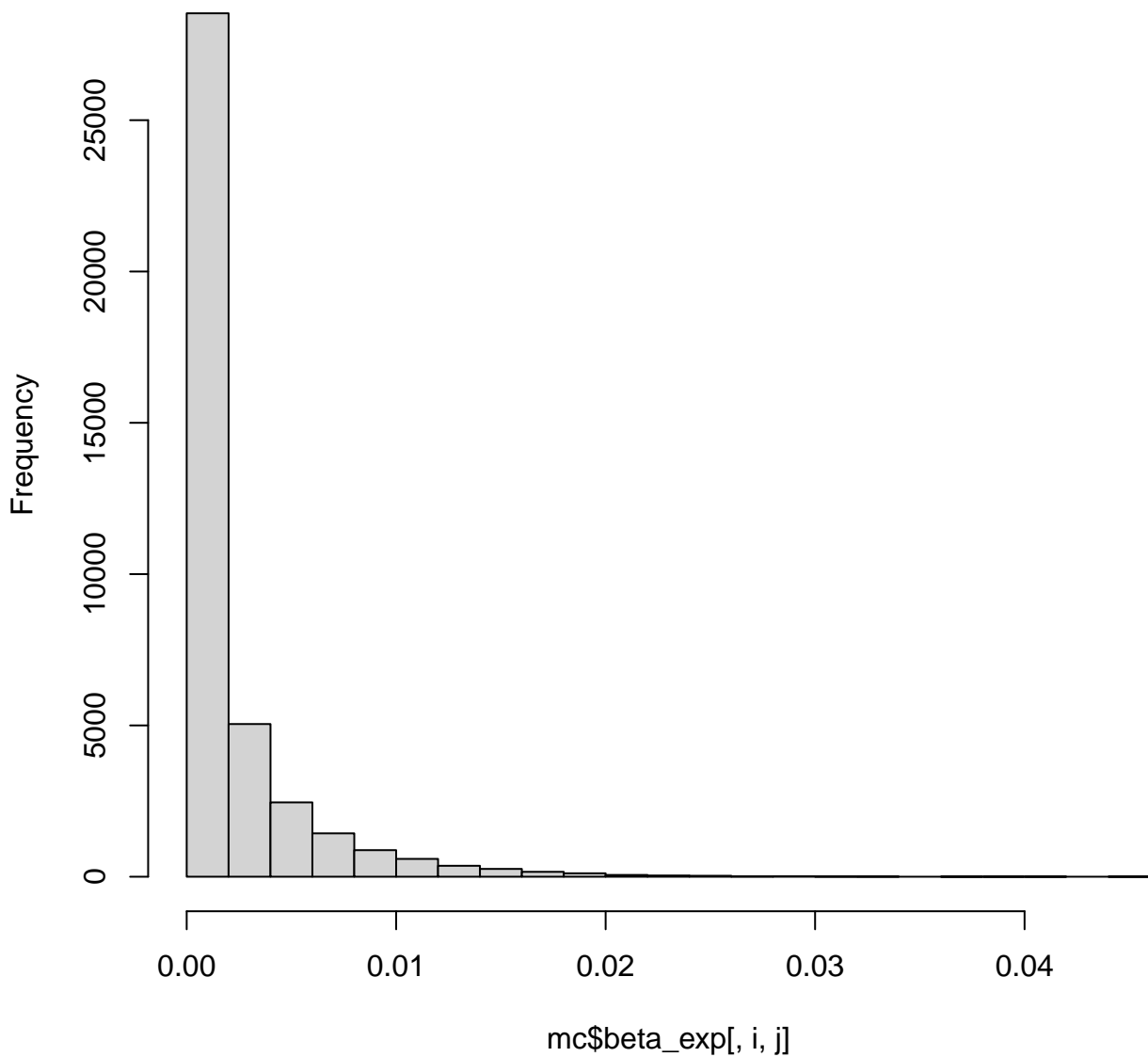
**Iowa City, IA: intercept**

**Iowa City, IA: geo1**

Frequency

mc$beta_exp[, i, j]
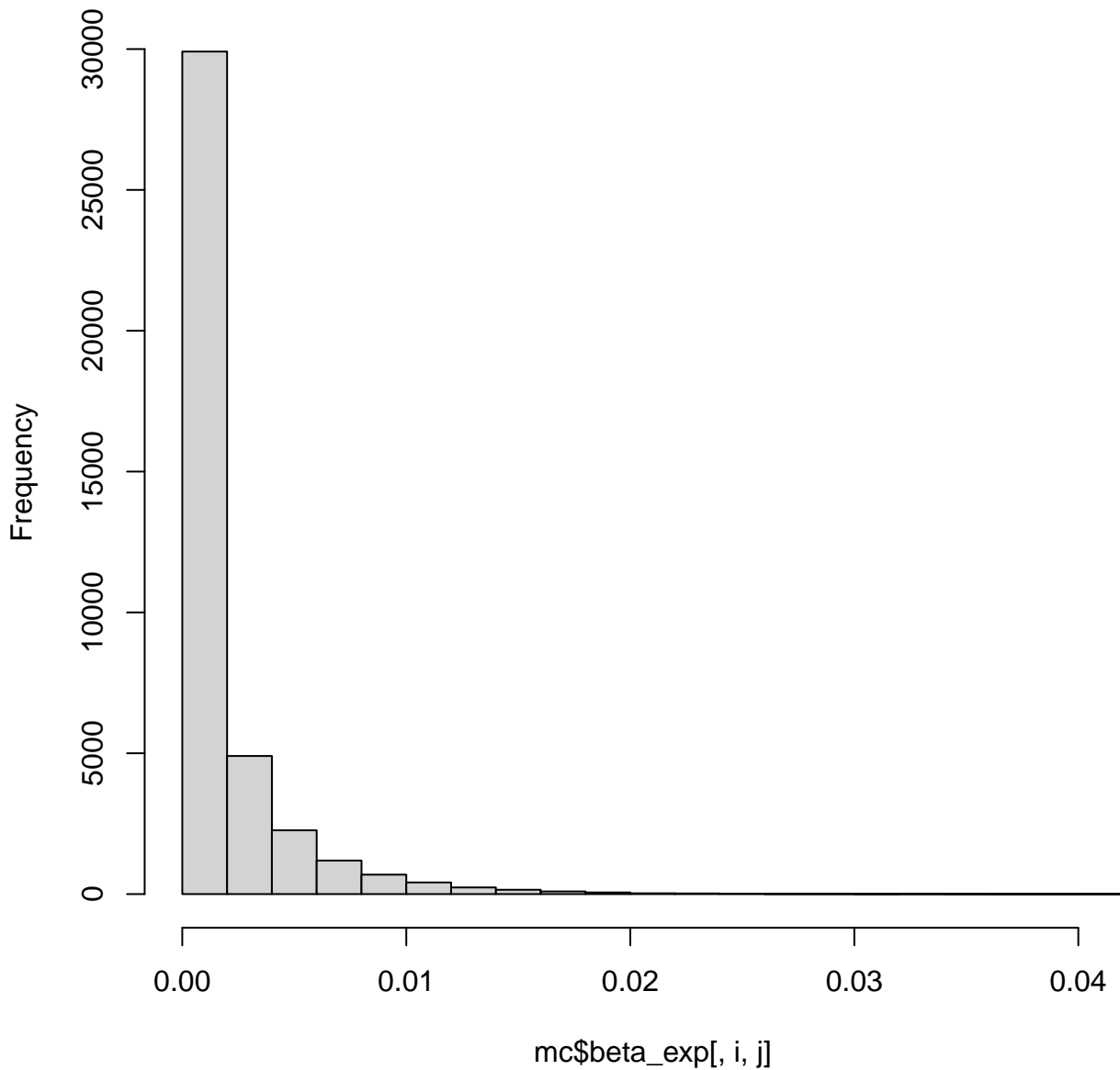
**Iowa City, IA: geo2**

**Iowa City, IA: geo3**

Frequency

mc$beta_exp[, i, j]

**Iowa City, IA: imp1**

**Iowa City, IA: imp2**

Frequency

mc$beta_exp[, i, j]
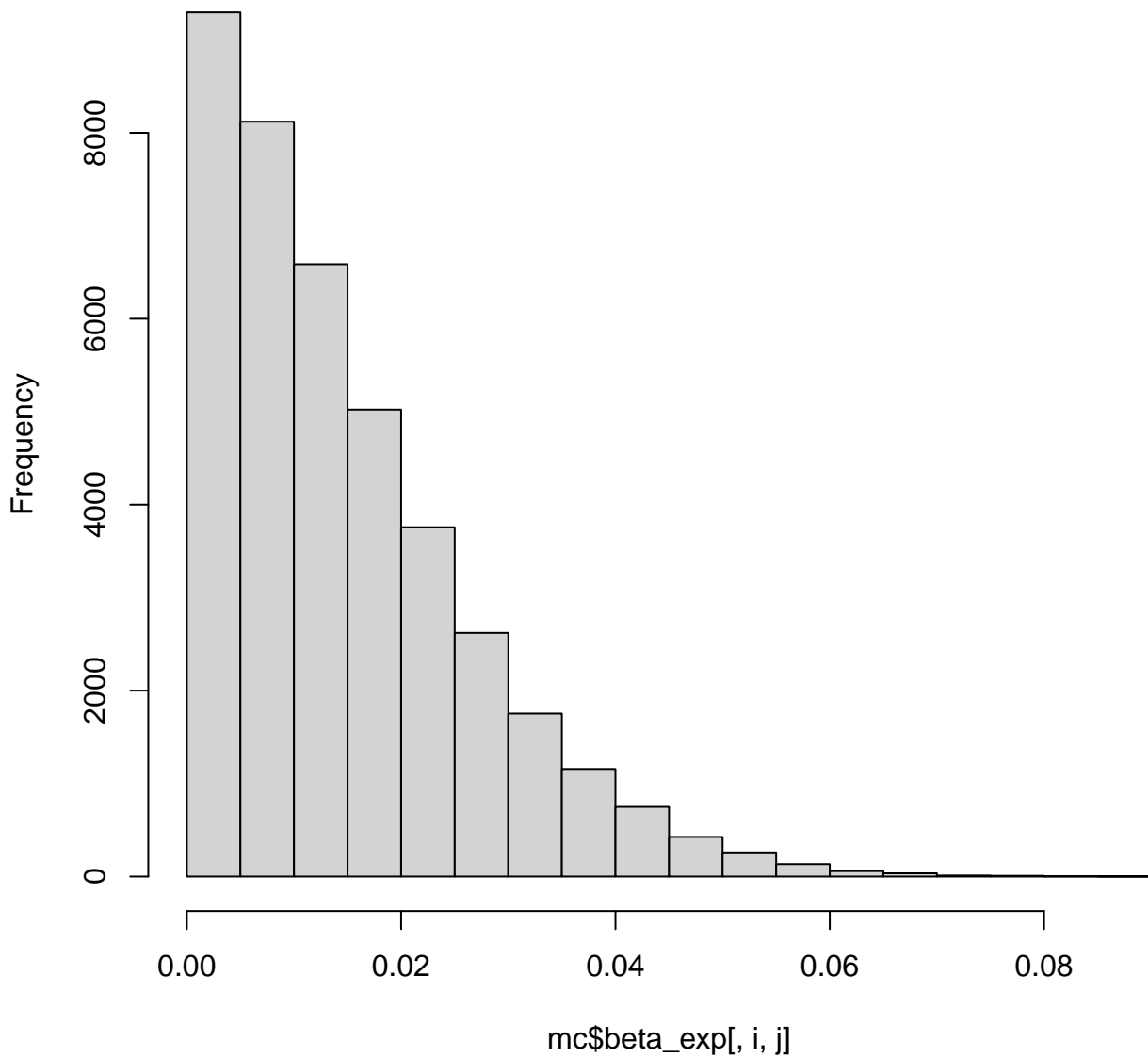
**Iowa City, IA: imp3**

**Iowa City, IA: gent**

Frequency vs mc$beta_exp[, i, j]

**Jackson, MS: intercept**

Frequency

mc$beta_exp[, i, j]

**Jackson, MS: geo1**

Frequency

mc$beta_exp[, i, j]

**Jackson, MS: geo2**

Frequency

mc$beta_exp[, i, j]

**Jackson, MS: geo3**

Frequency

mc$beta_exp[, i, j]
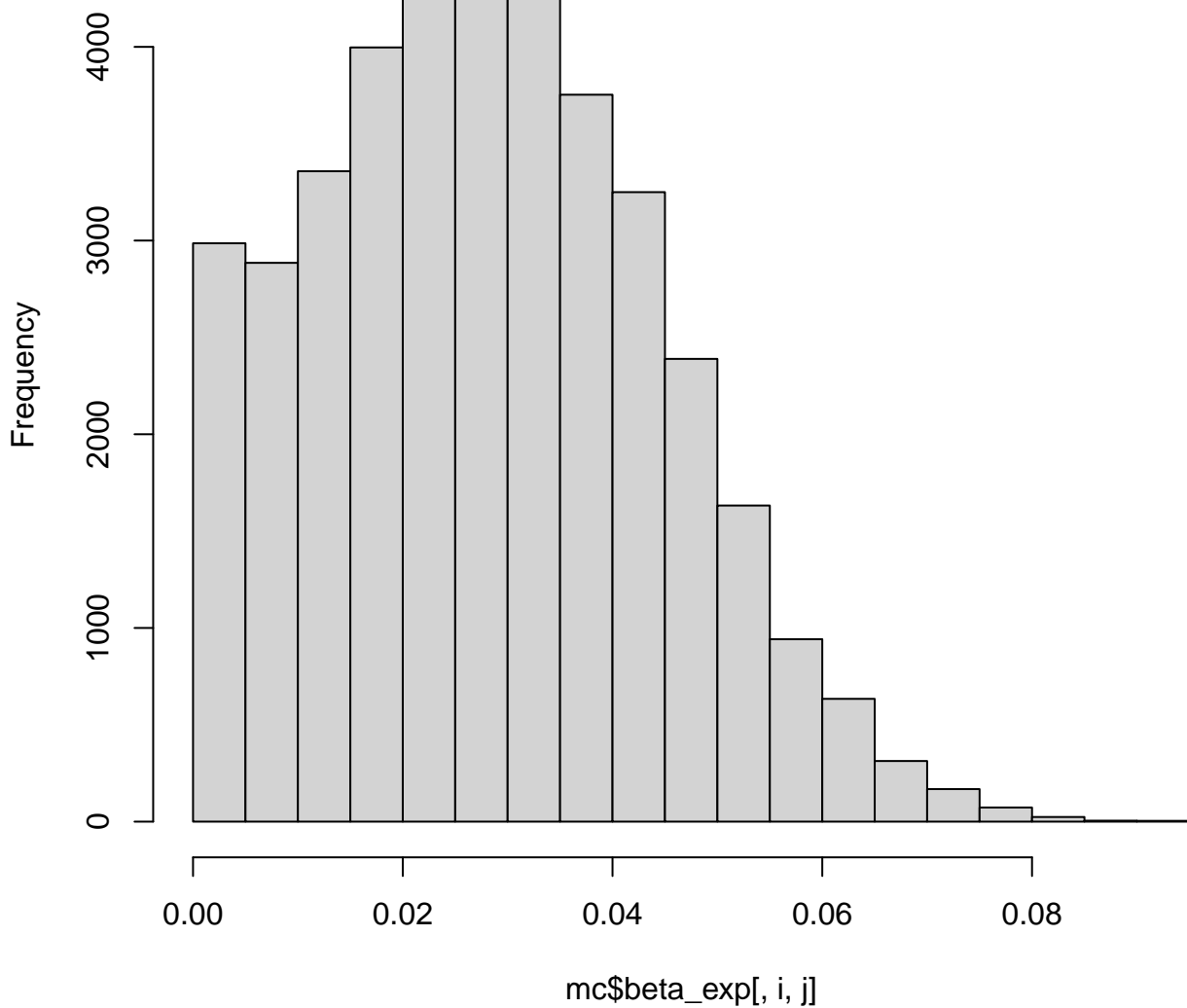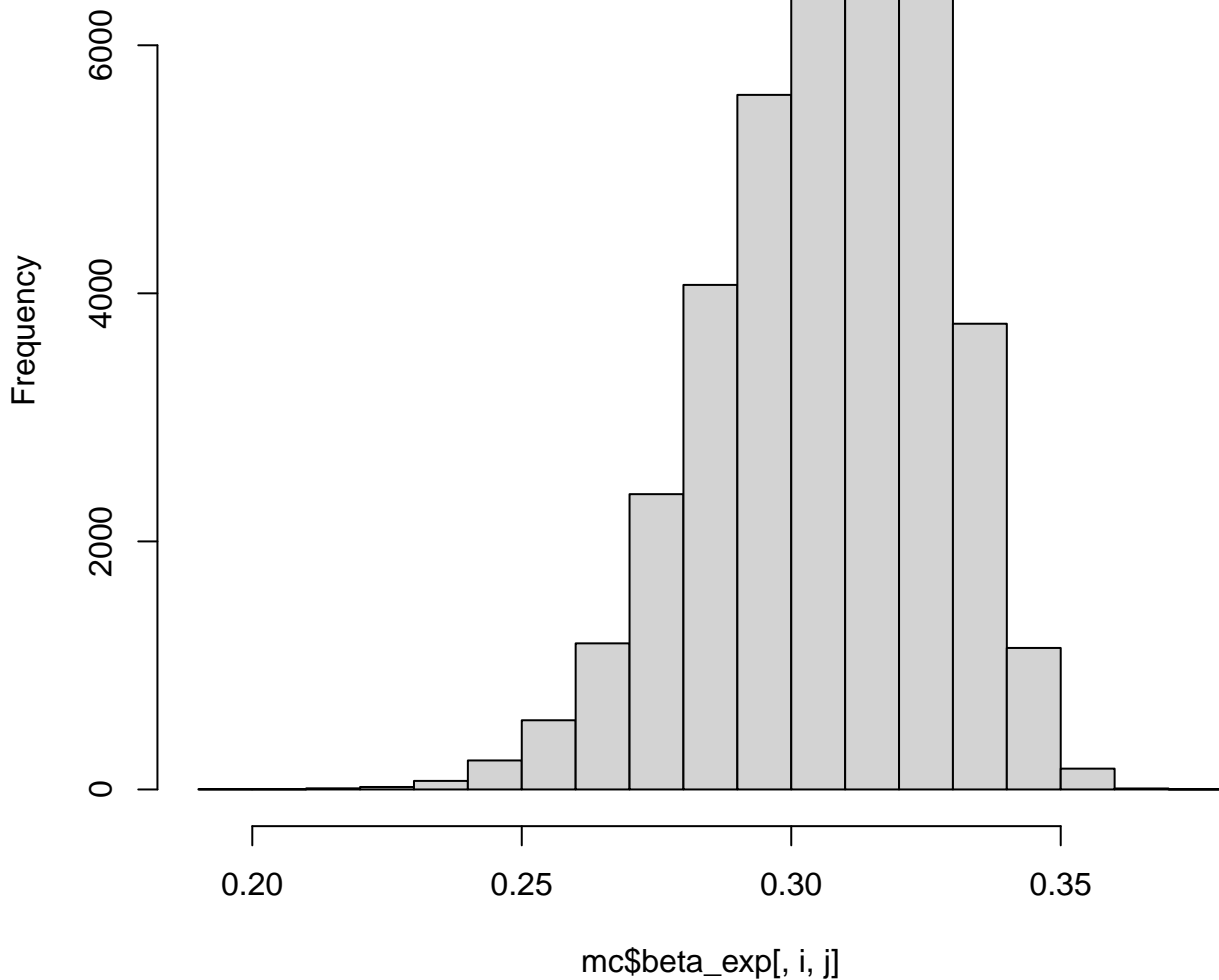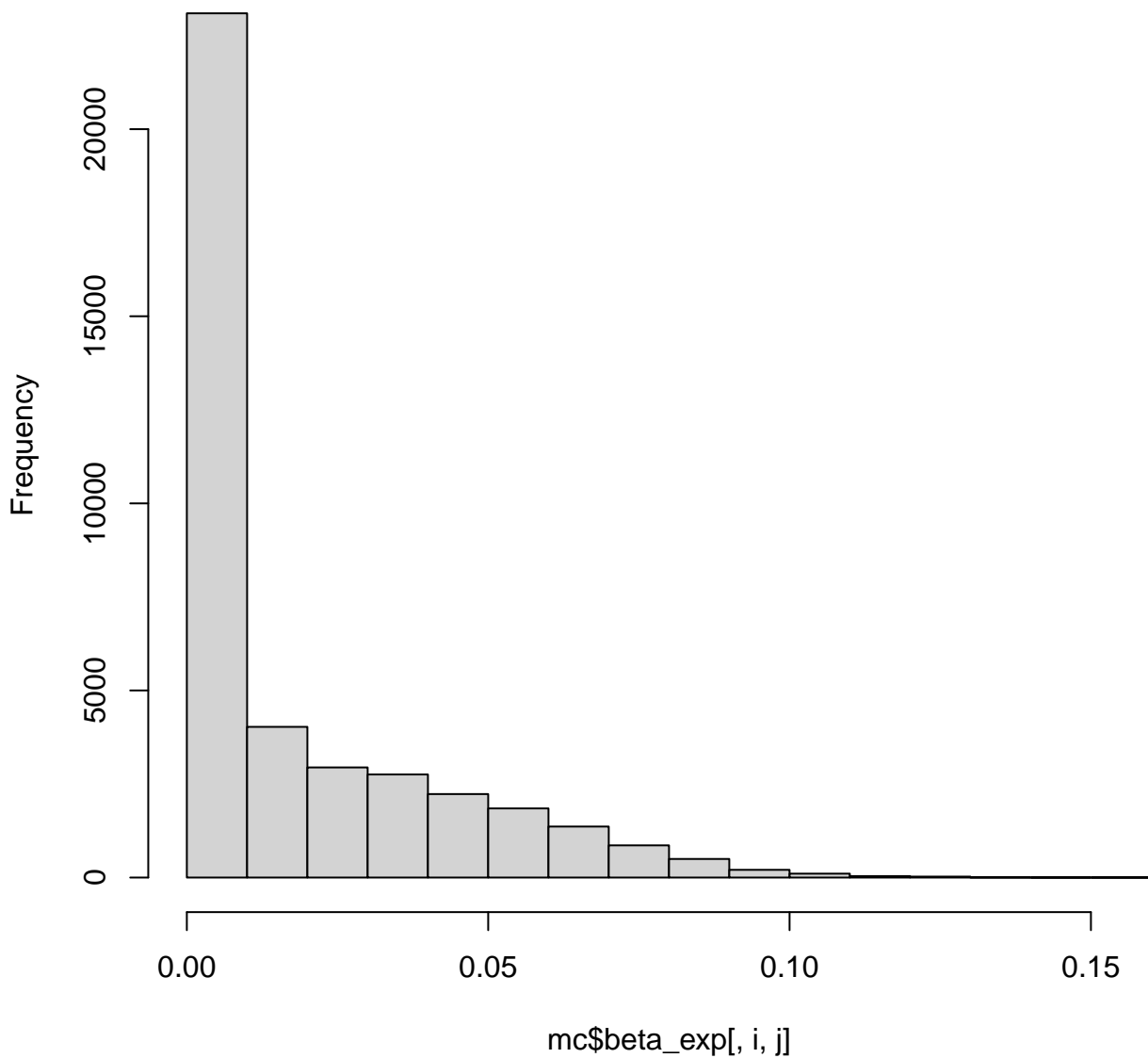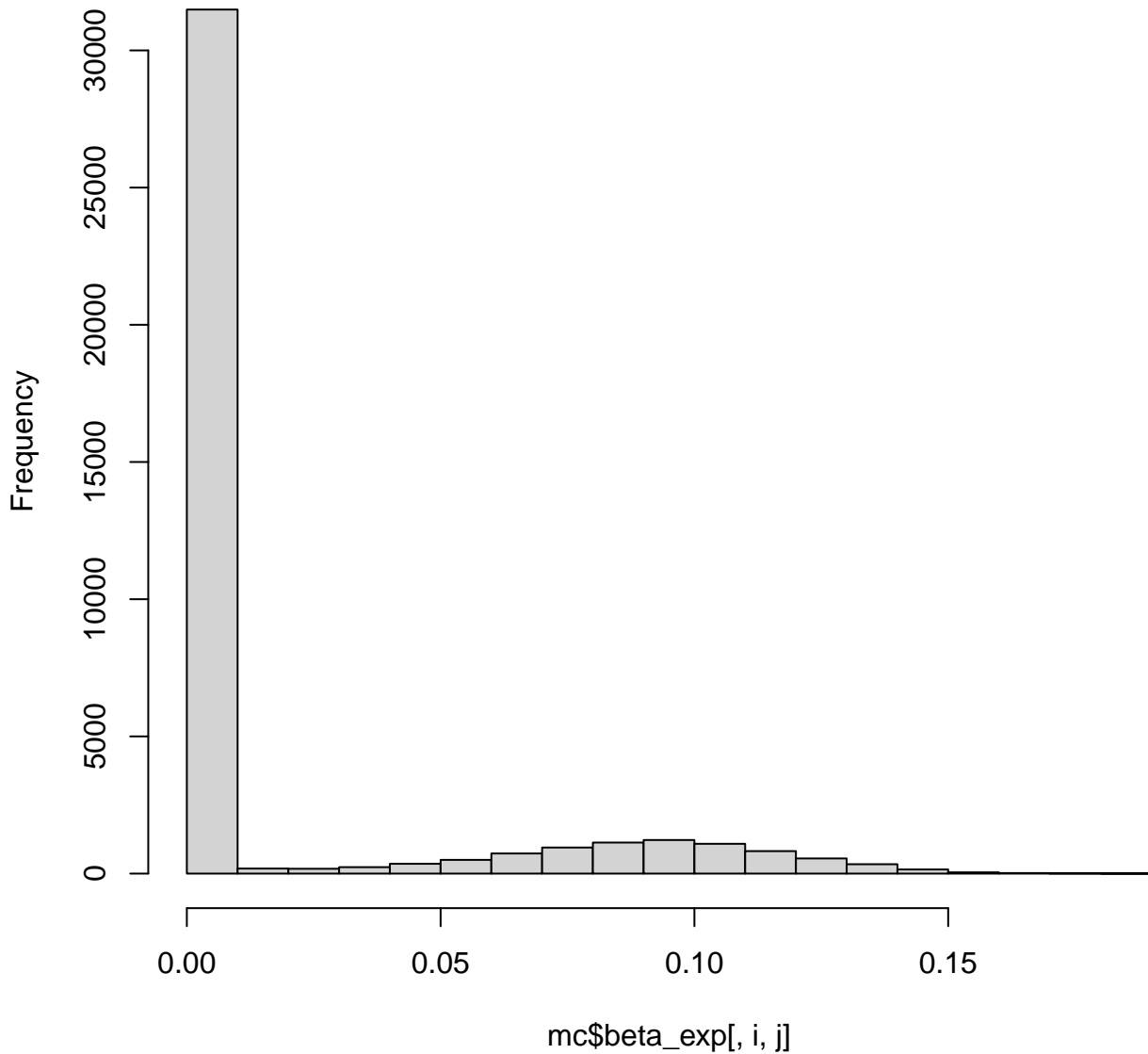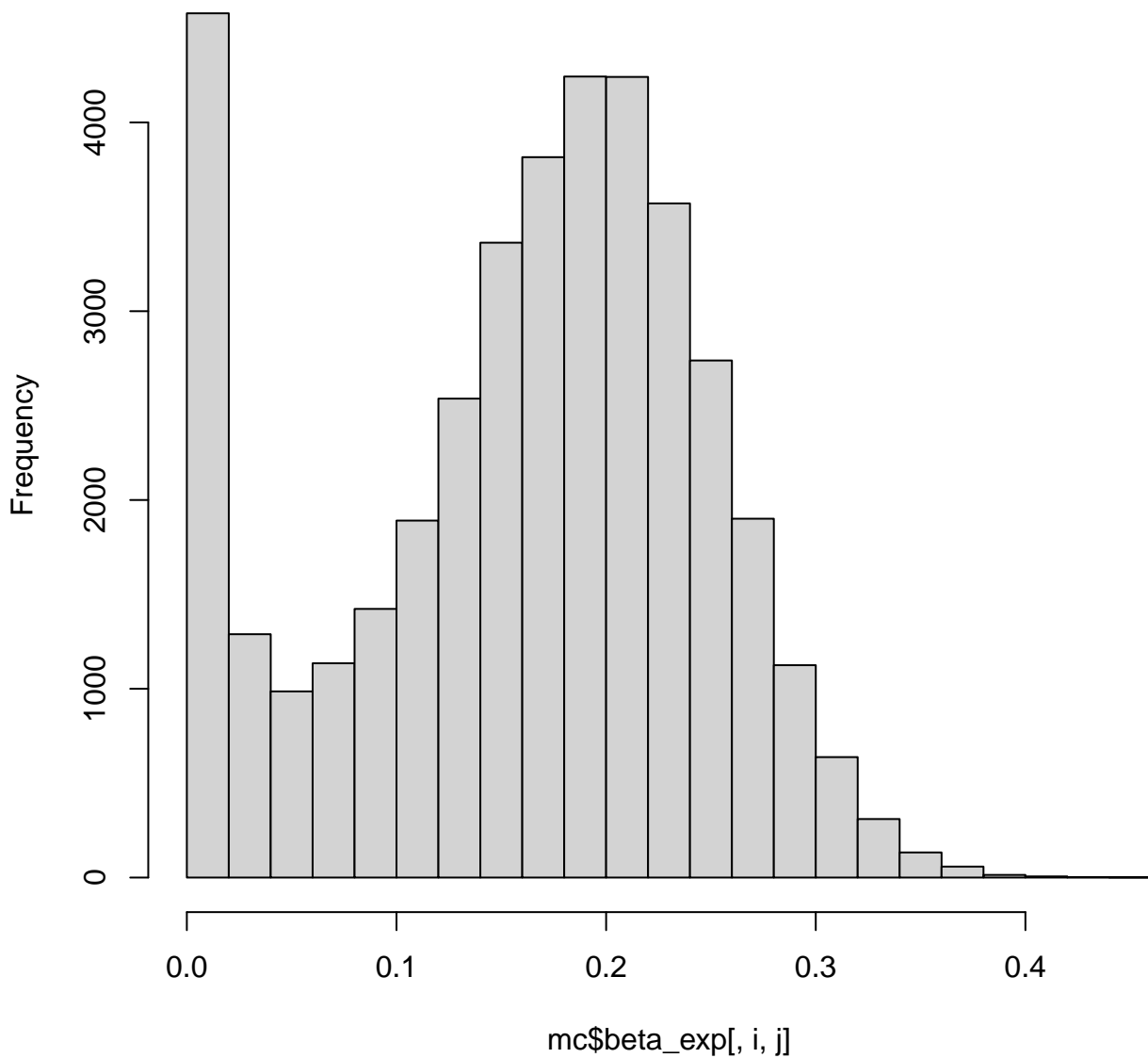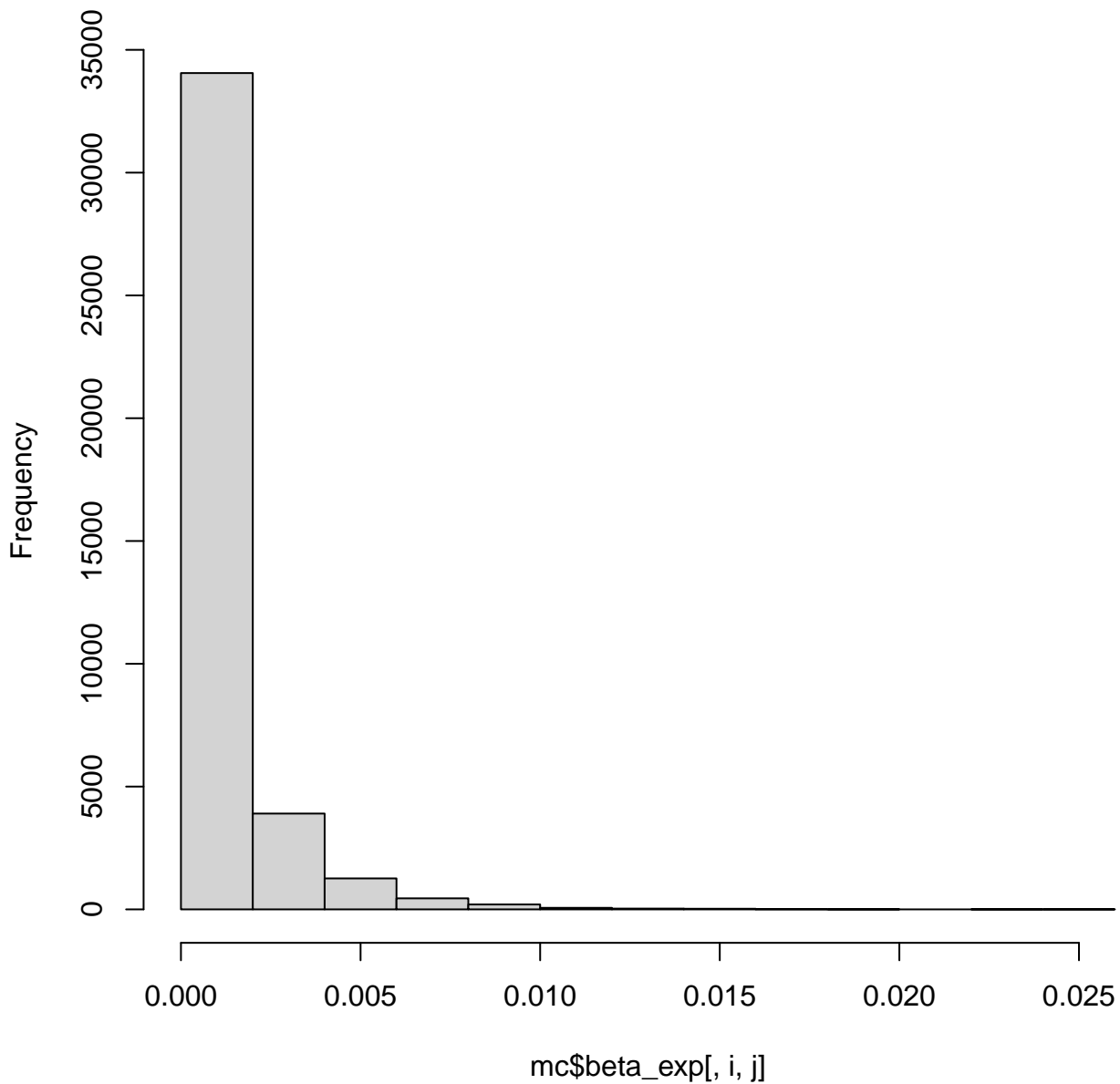
**Jackson, MS: imp1**

**Jackson, MS: imp2**
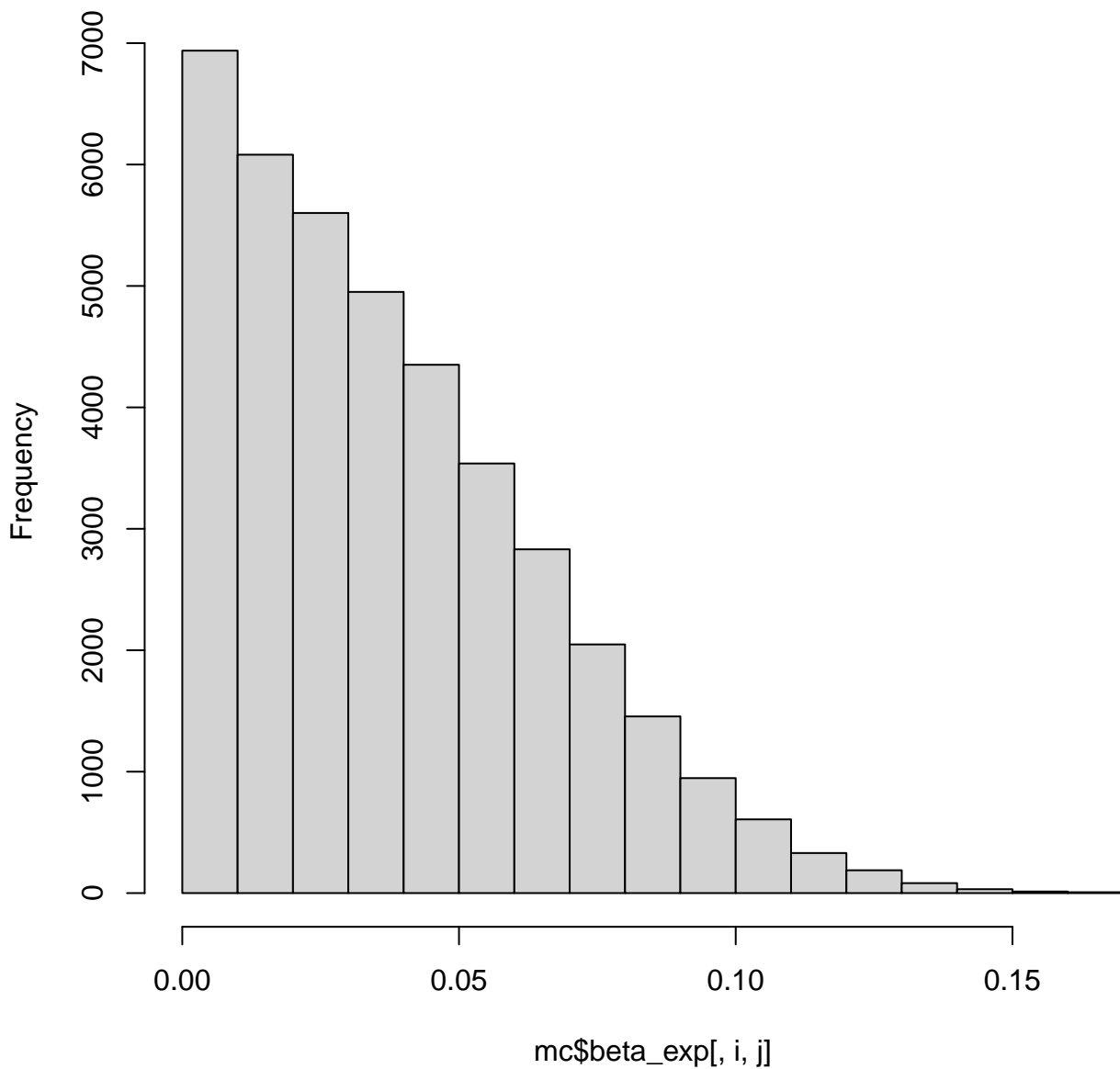
**Jackson, MS: imp3**
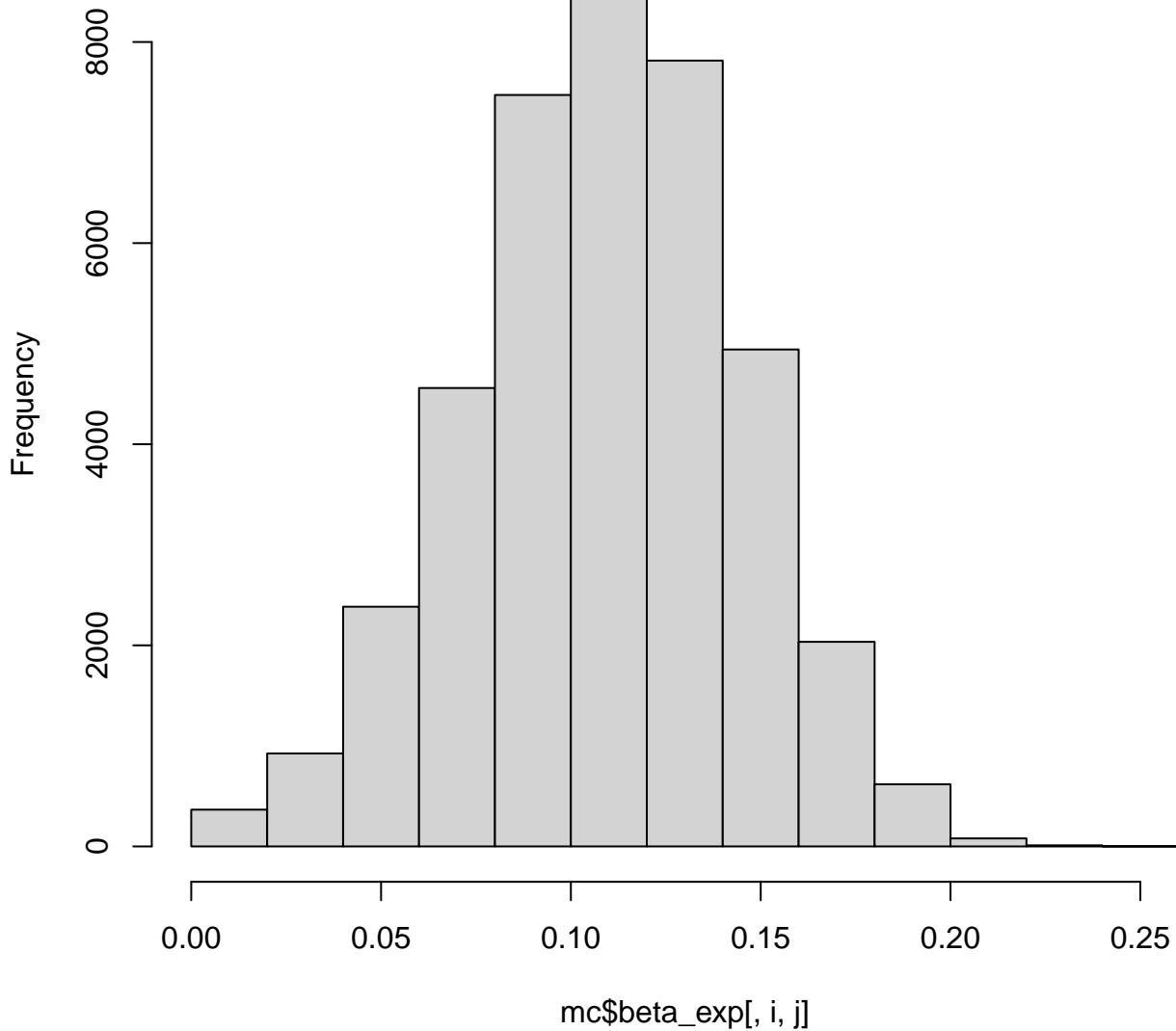
**Jackson, MS: gent**
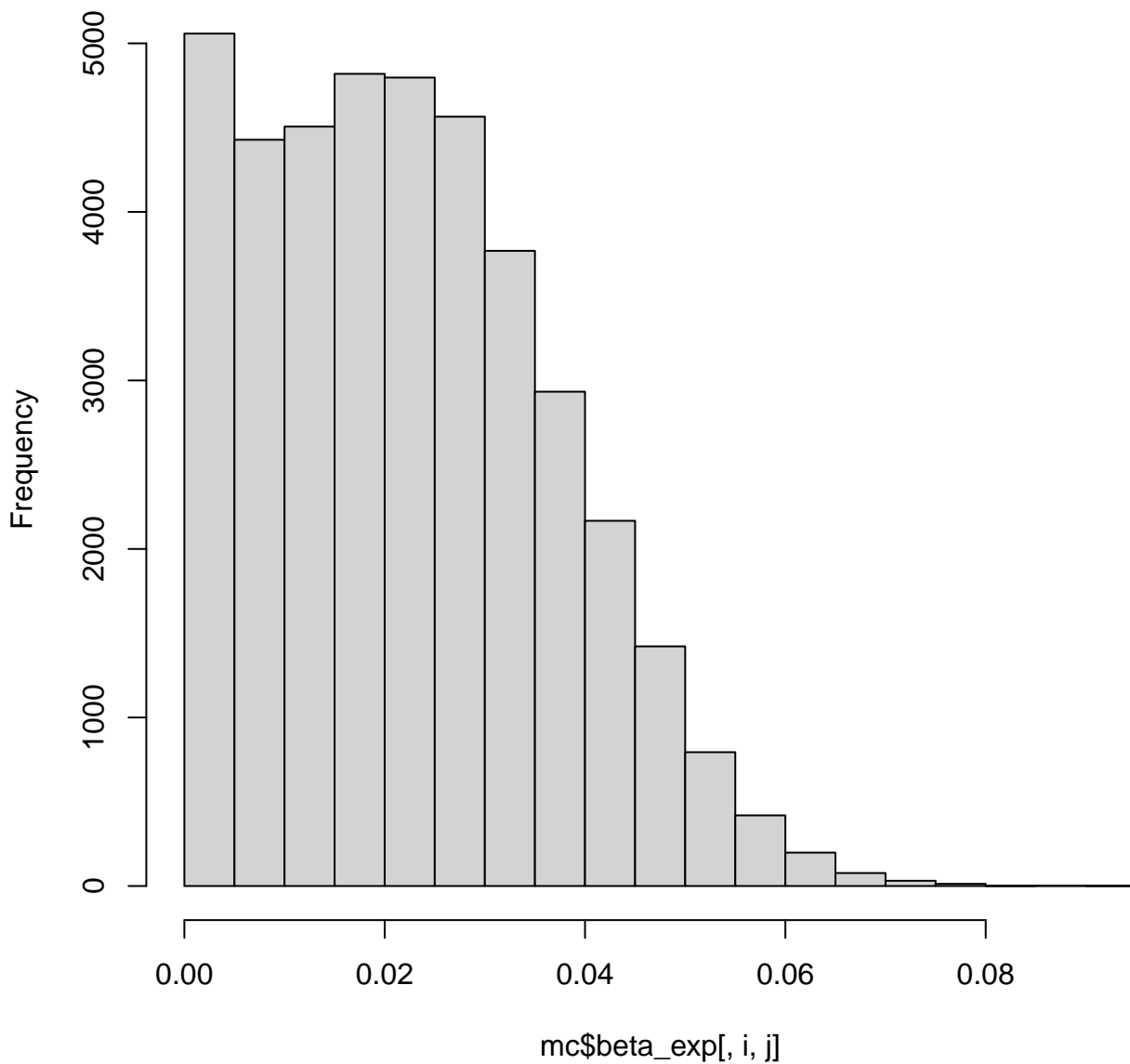
**Little Rock, AR: intercept**
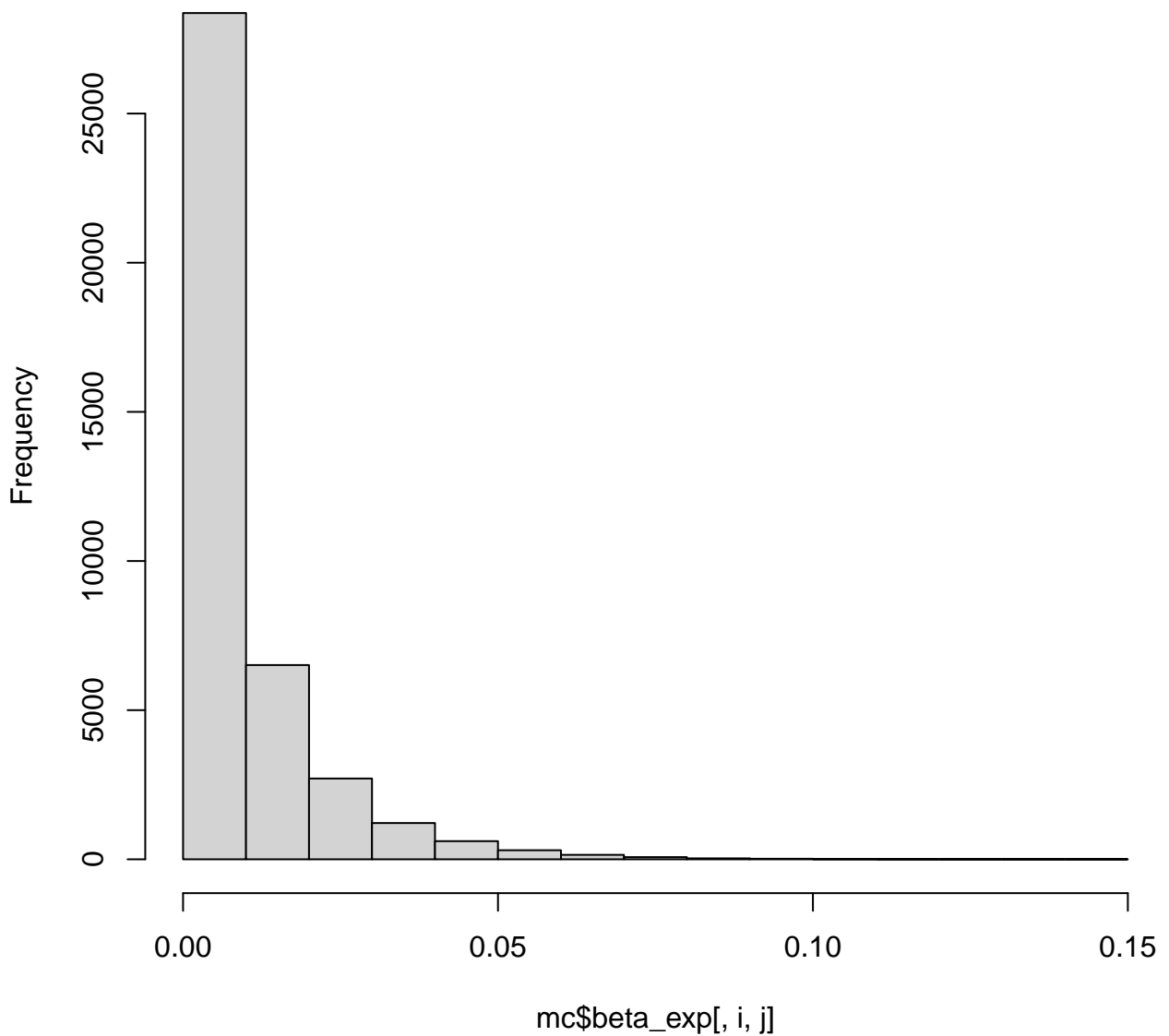
Frequency

mc$beta_exp[, i, j]
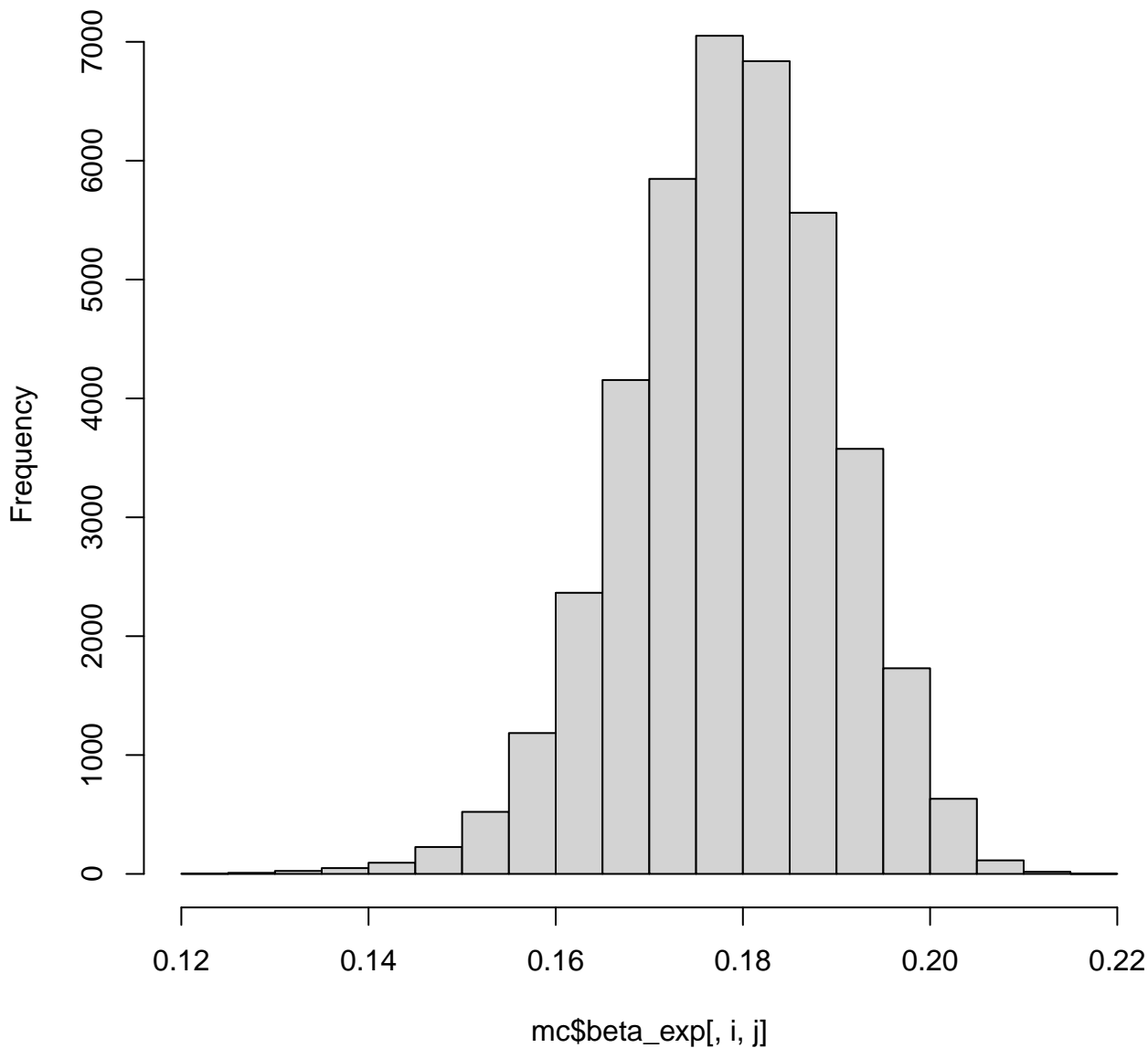
**Little Rock, AR: geo1**
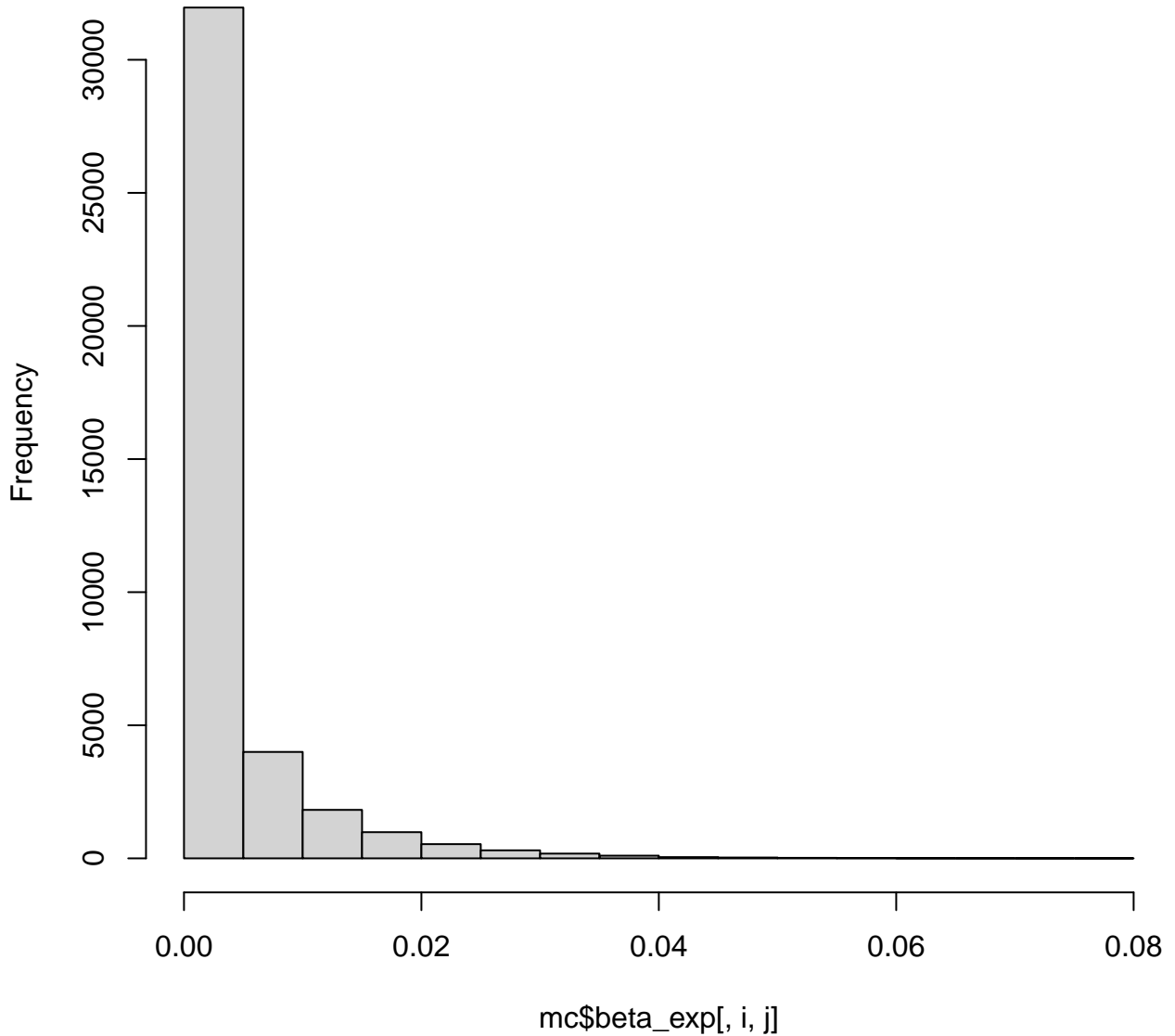
# Little Rock, AR: geo2



Frequency

mc$beta_exp[, i, j]
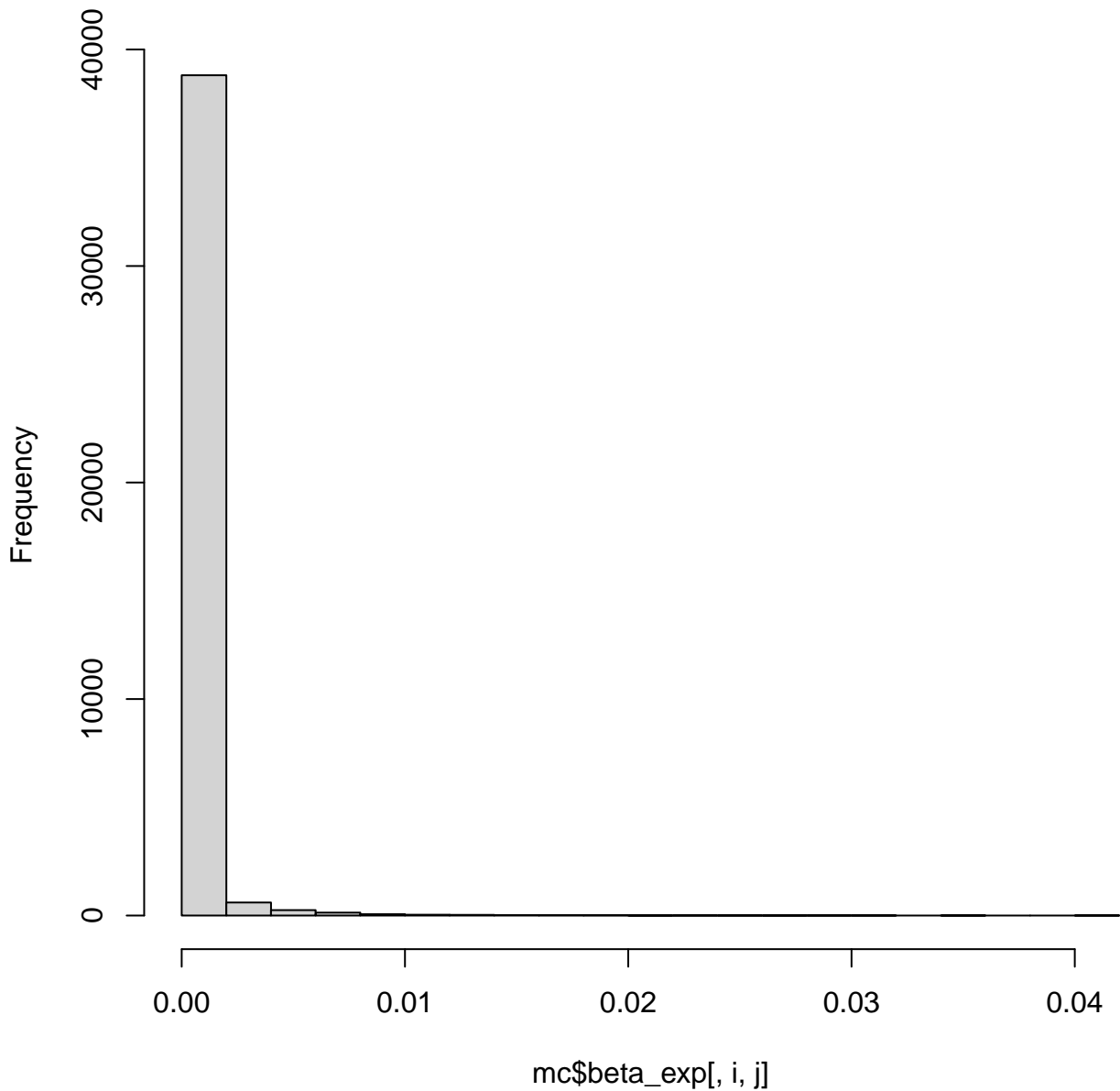
**Little Rock, AR: geo3**

**Little Rock, AR: imp1**
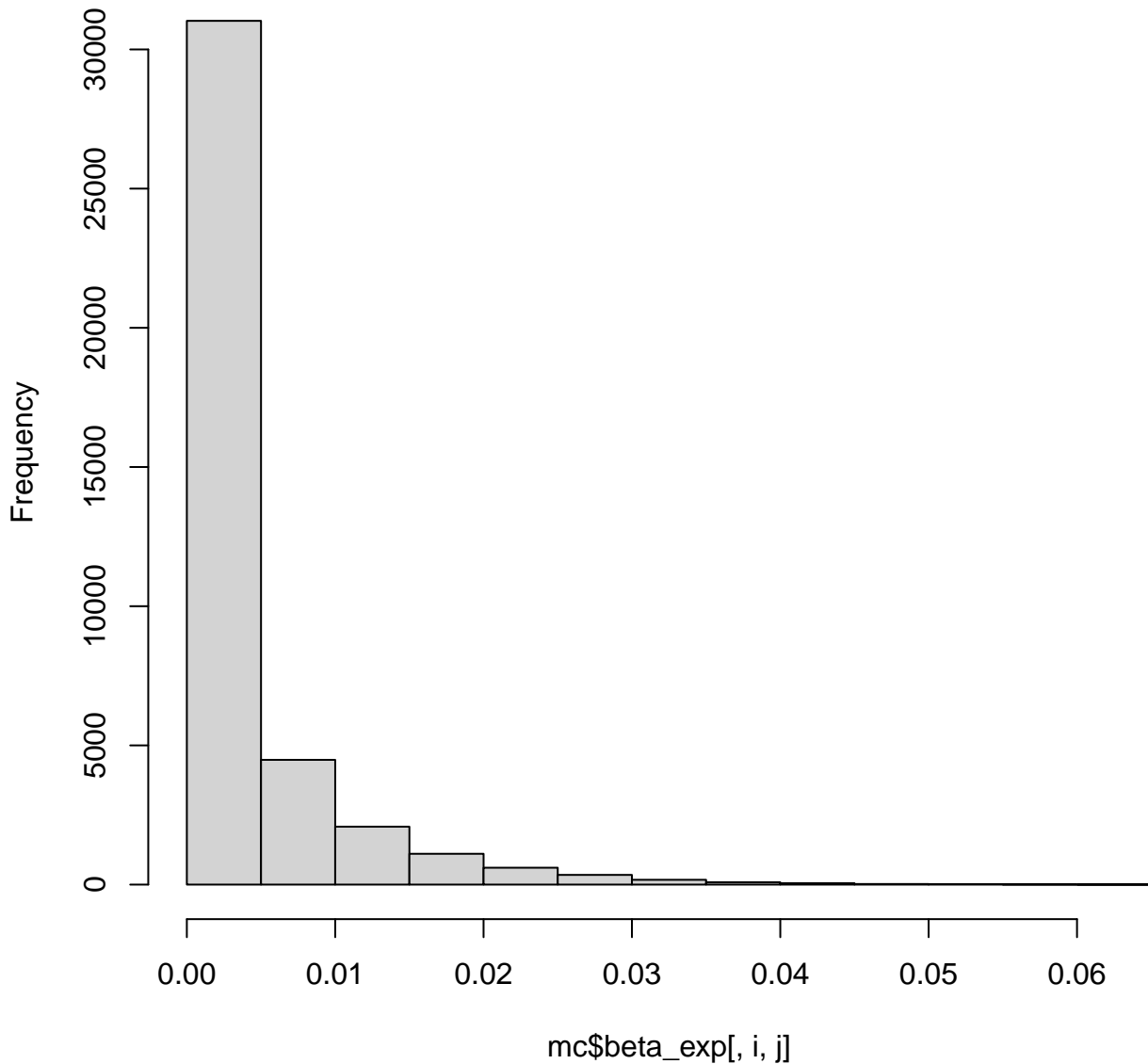
Frequency

mc$beta_exp[, i, j]

**Little Rock, AR: imp2**
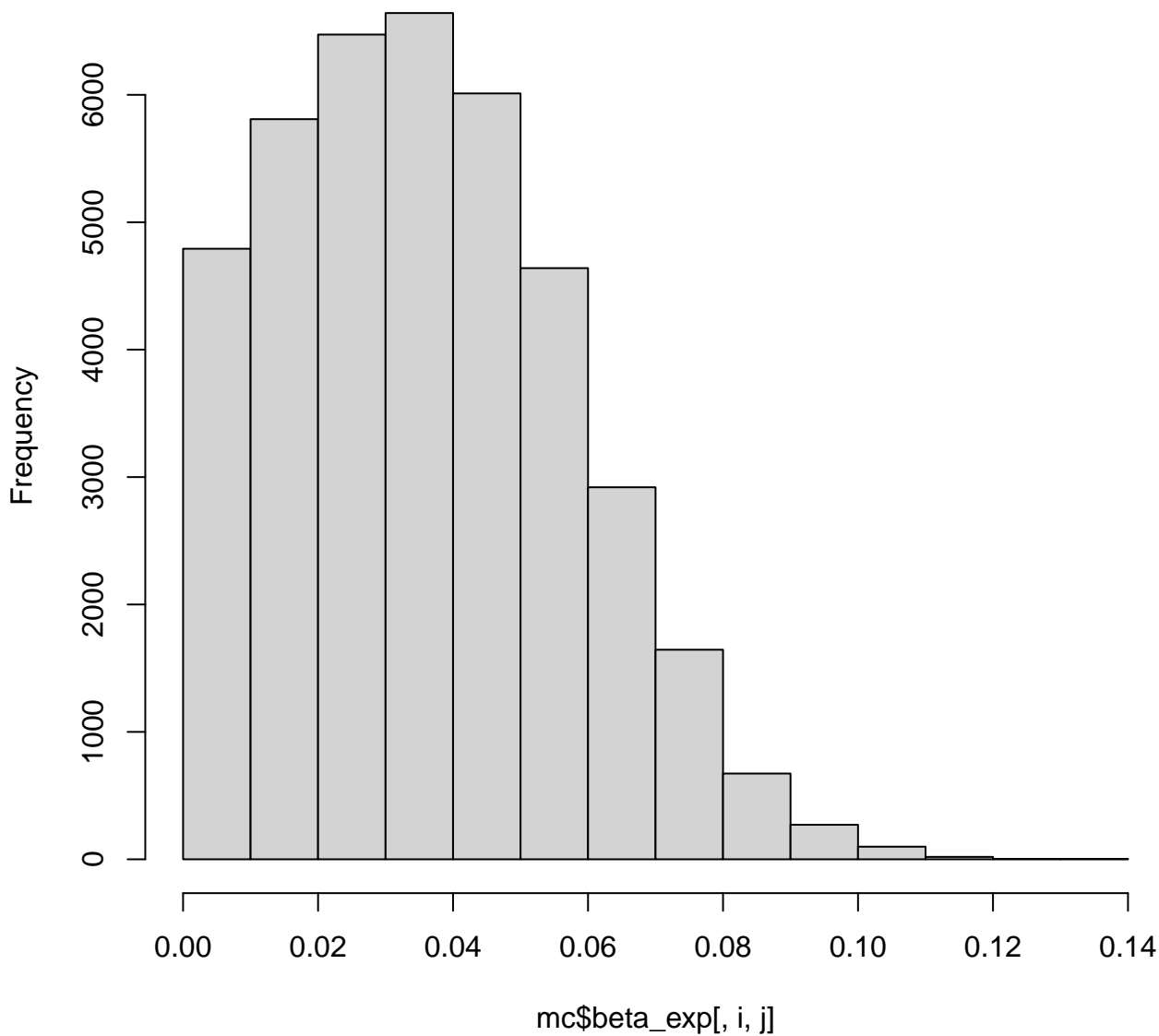
Frequency

mc$beta_exp[, i, j]

**Little Rock, AR: imp3**

Frequency

mc$beta_exp[, i, j]

**Little Rock, AR: gent**

Frequency

mc$beta_exp[, i, j]

**Madison, WI: intercept**

Frequency

mc$beta_exp[, i, j]

**Madison, WI: geo1**

Frequency

mc$beta_exp[, i, j]

# Madison, WI: geo2



Frequency vs mc$beta_exp[, i, j]
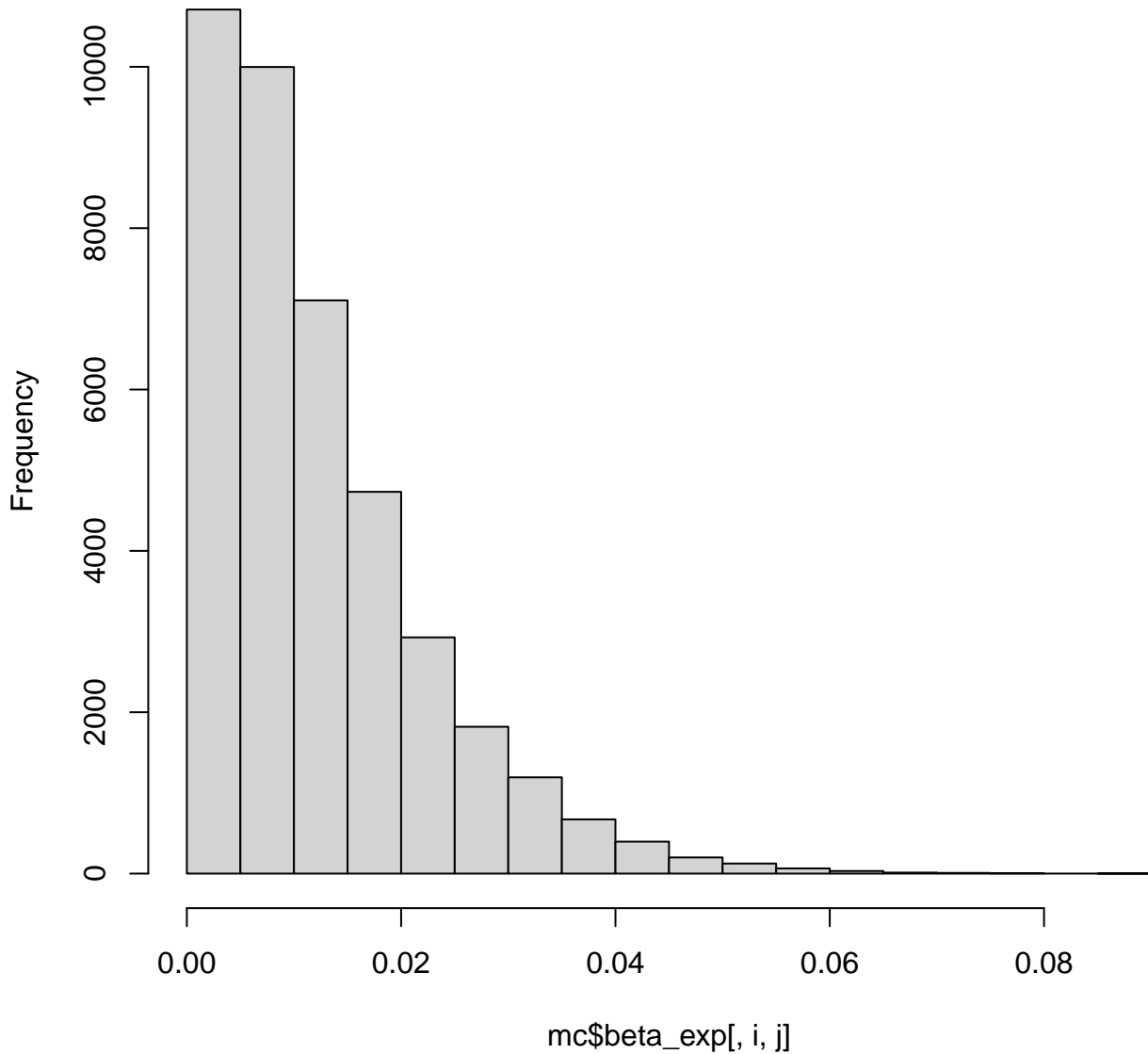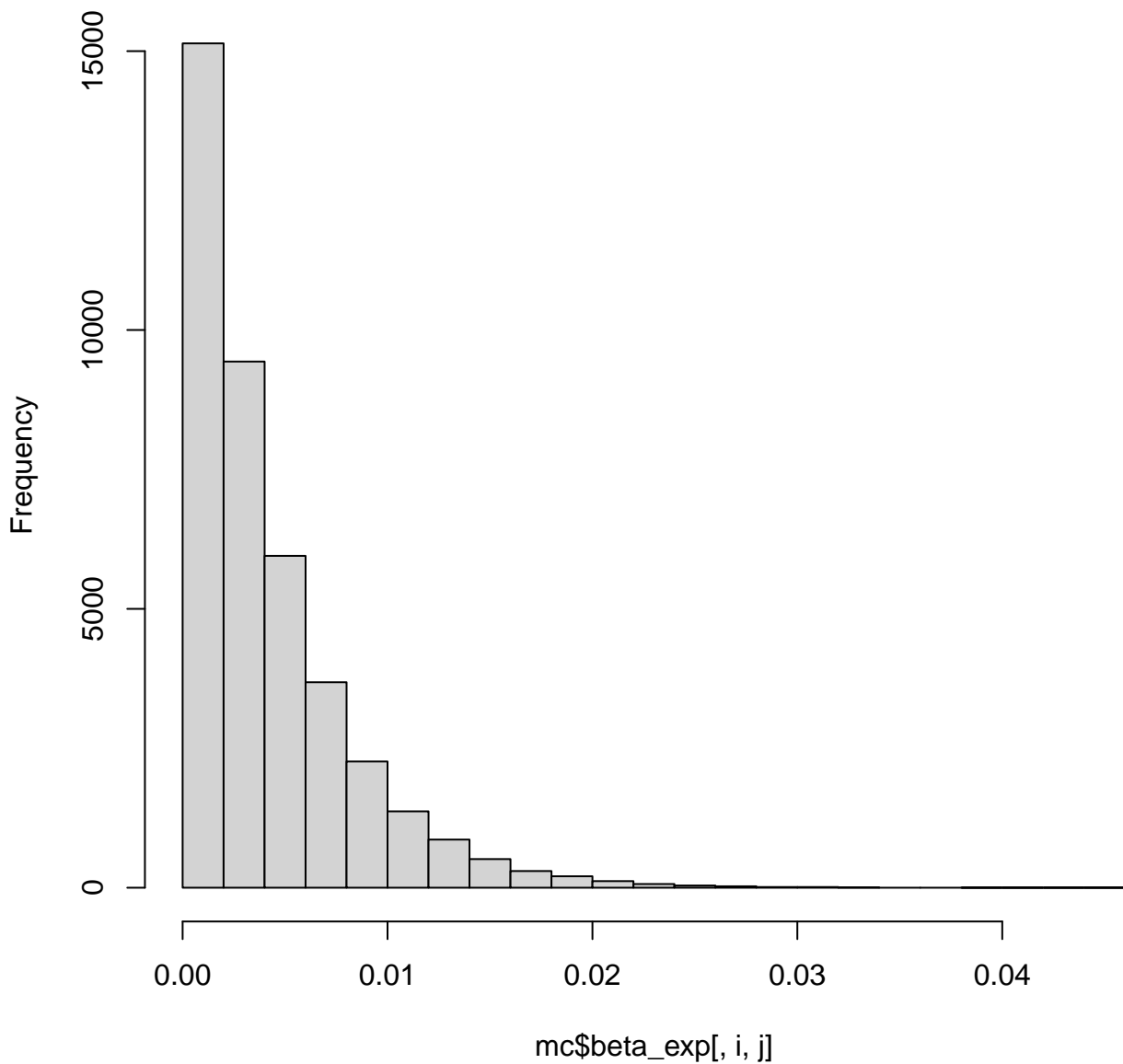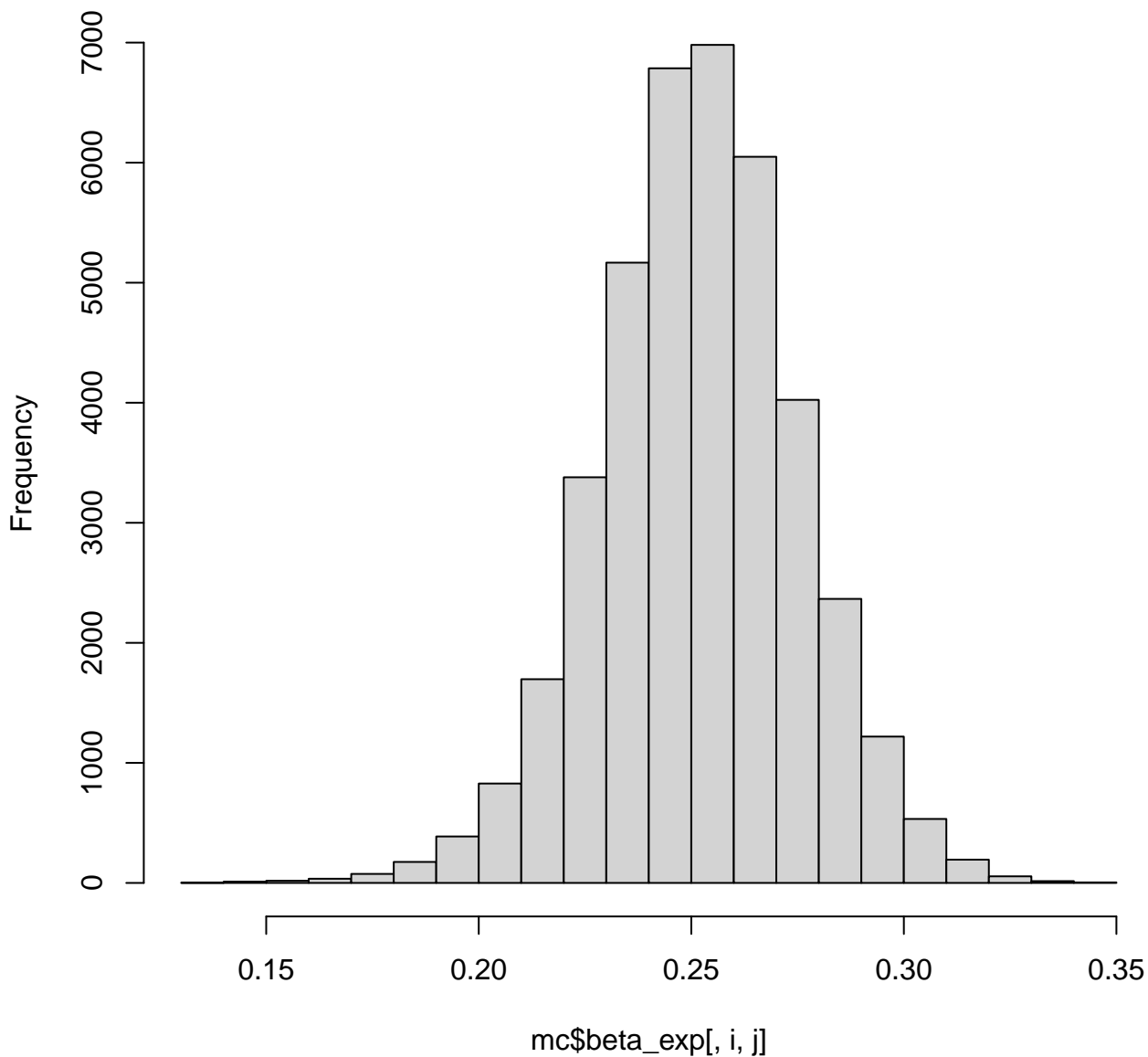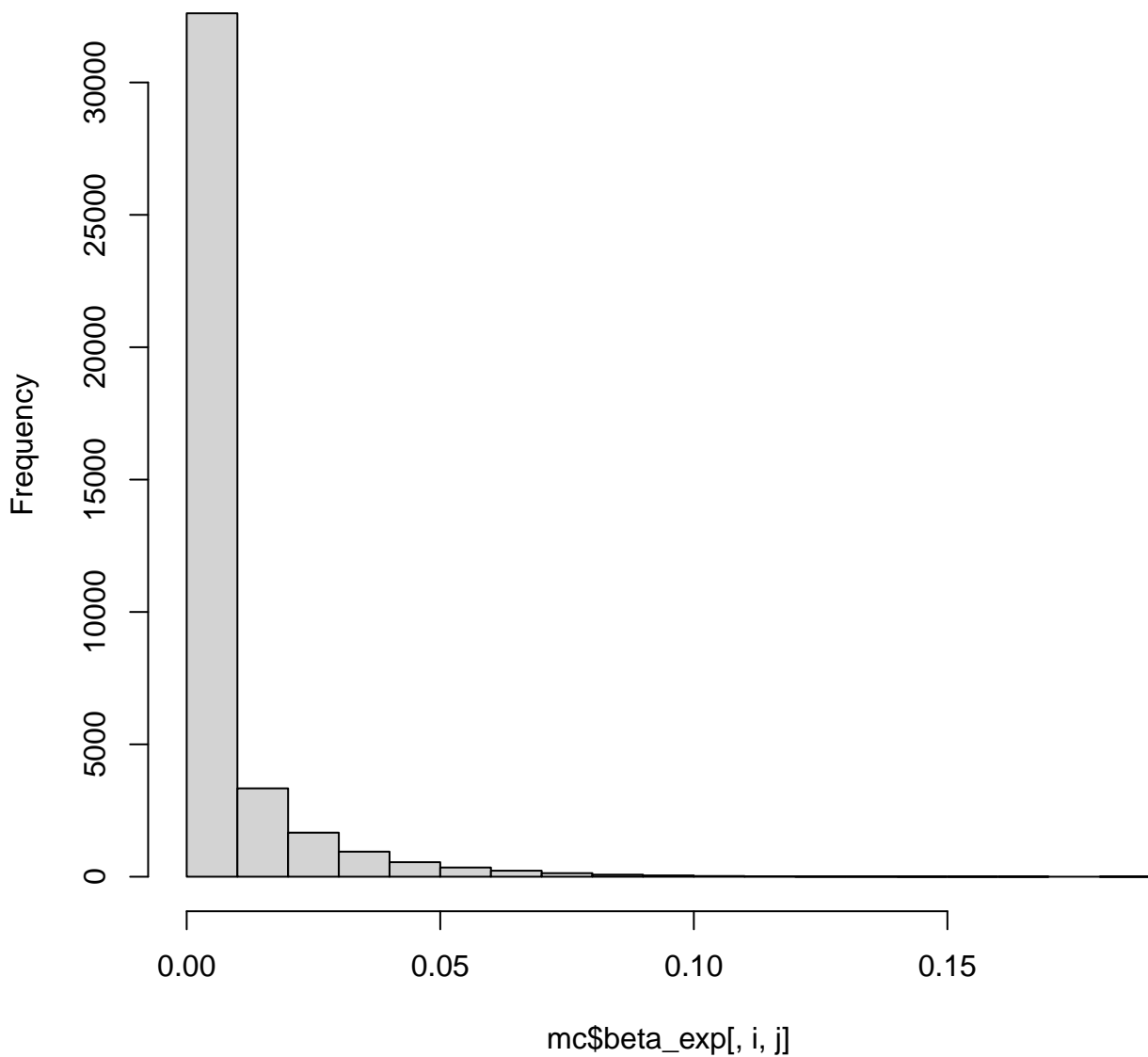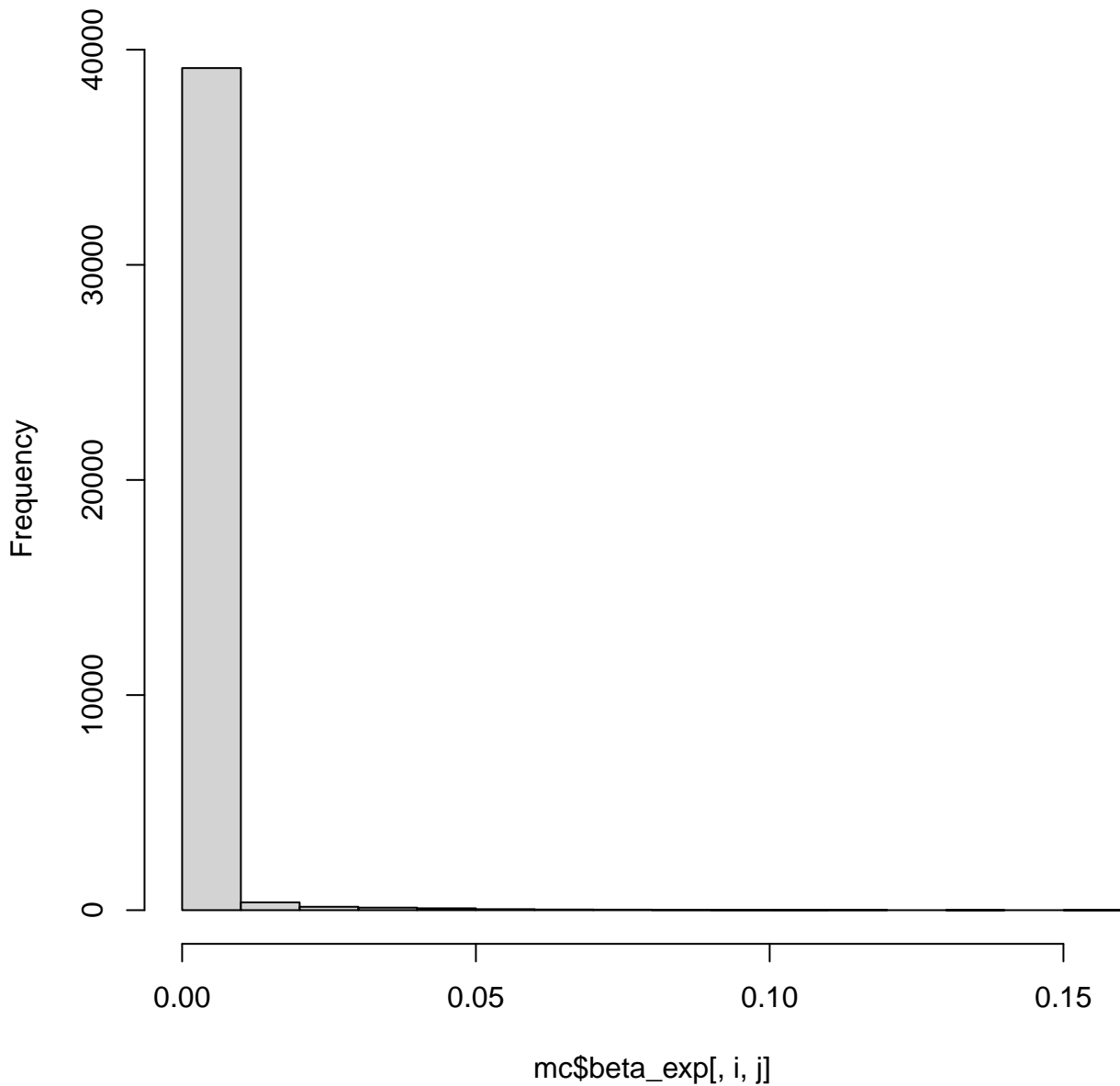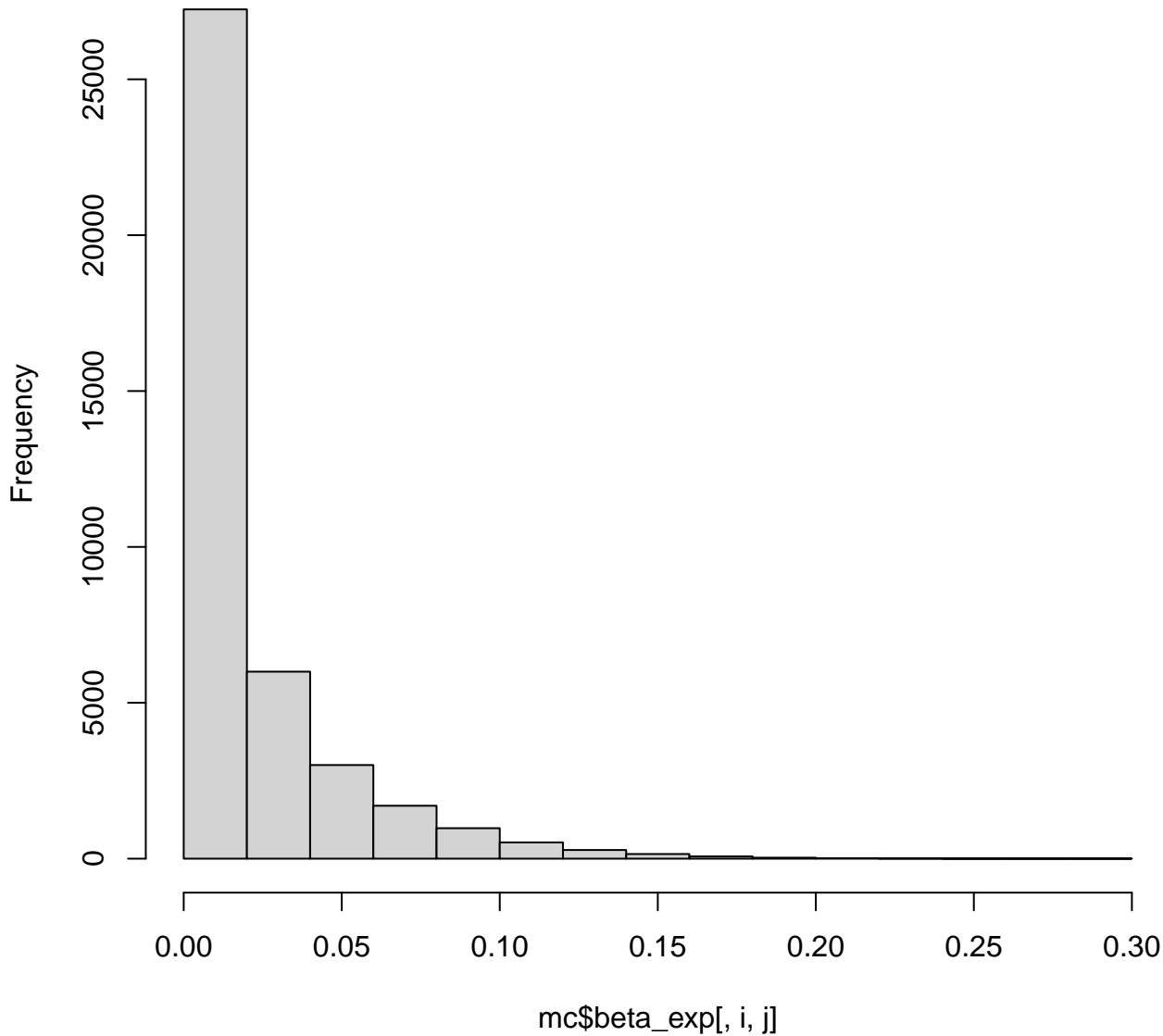
**Madison, WI: geo3**

**Madison, WI: imp1**
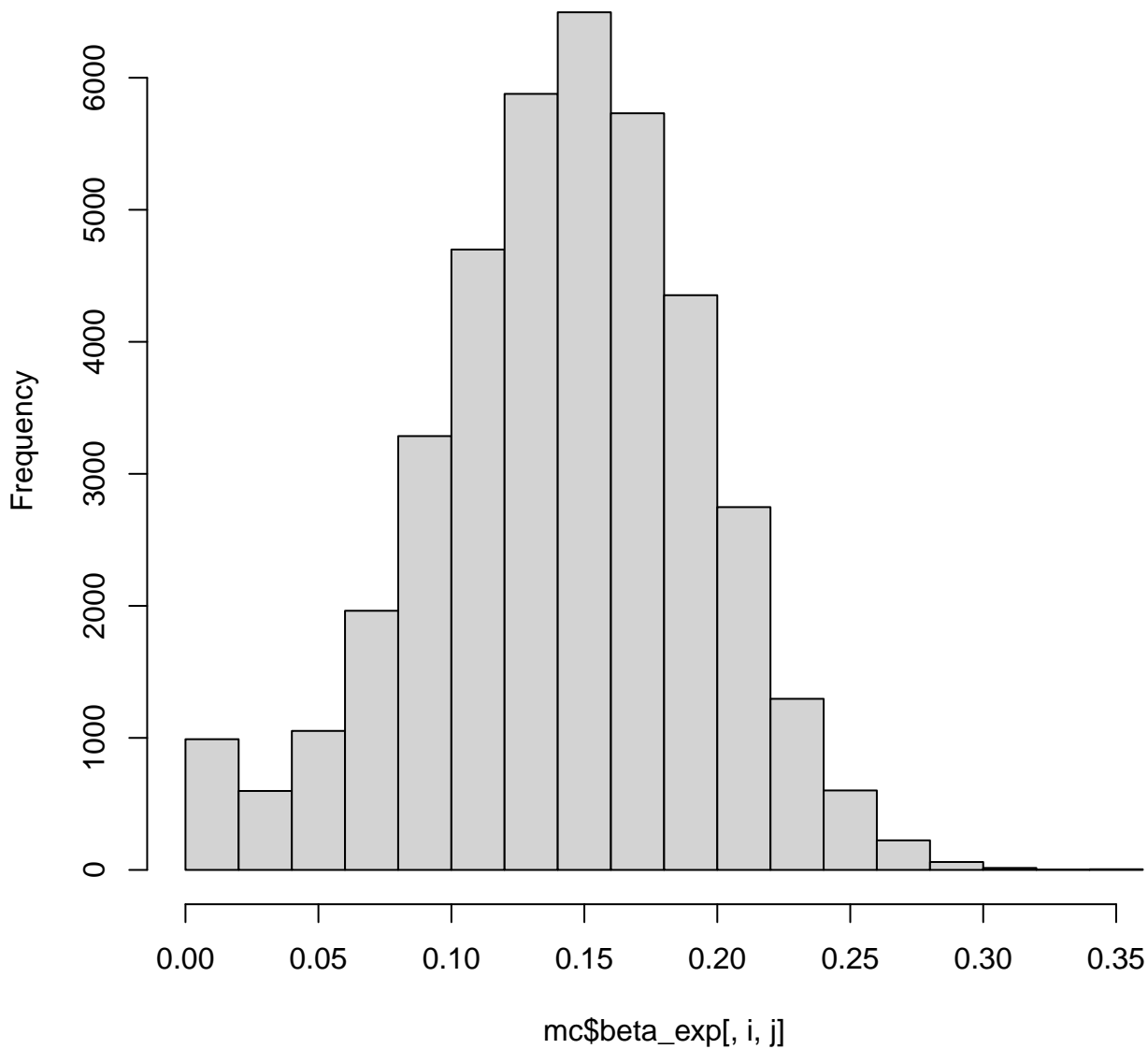
**Madison, WI: imp2**
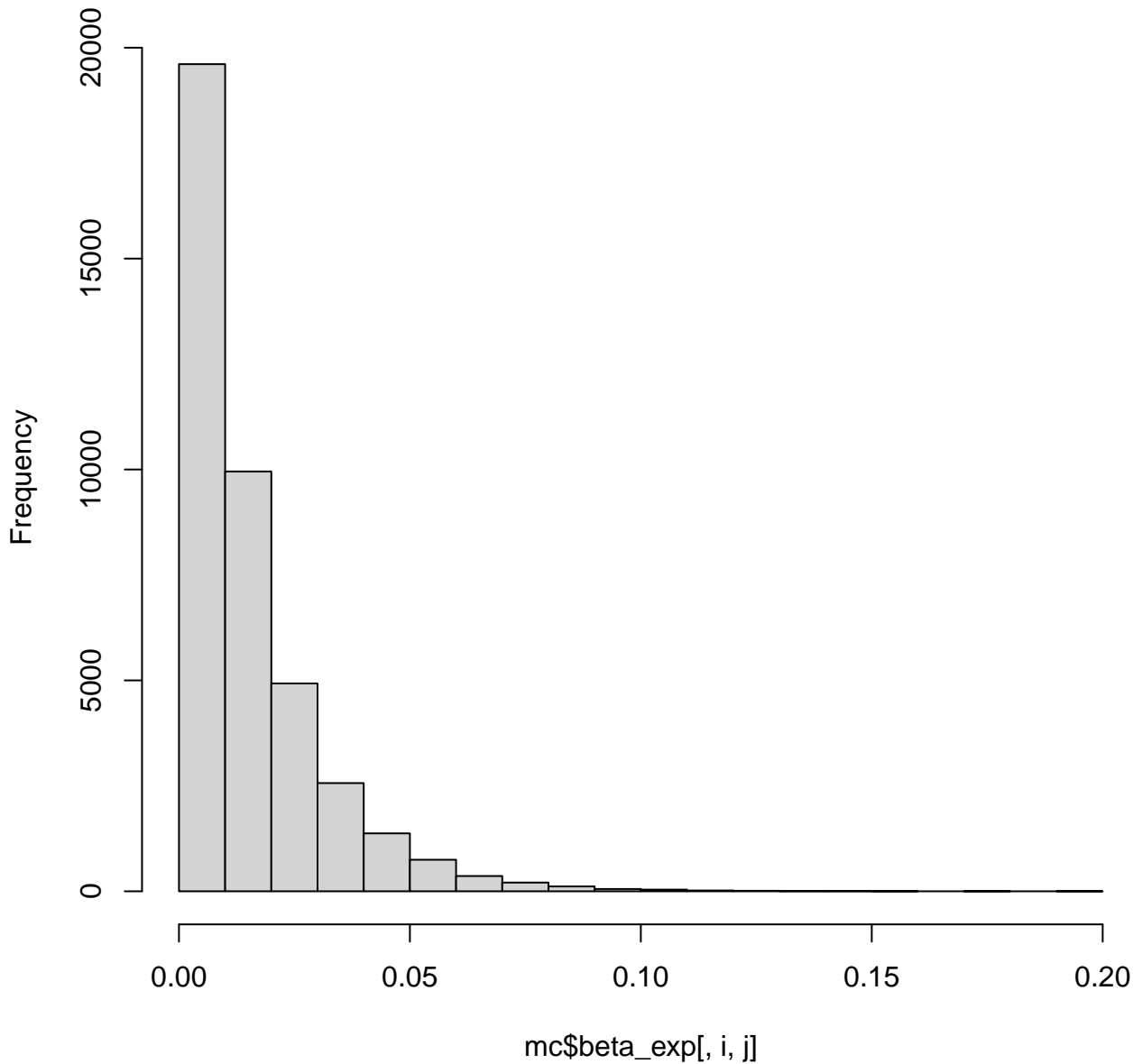
**Madison, WI: imp3**

**Madison, WI: gent**

Frequency

mc$beta_exp[, i, j]
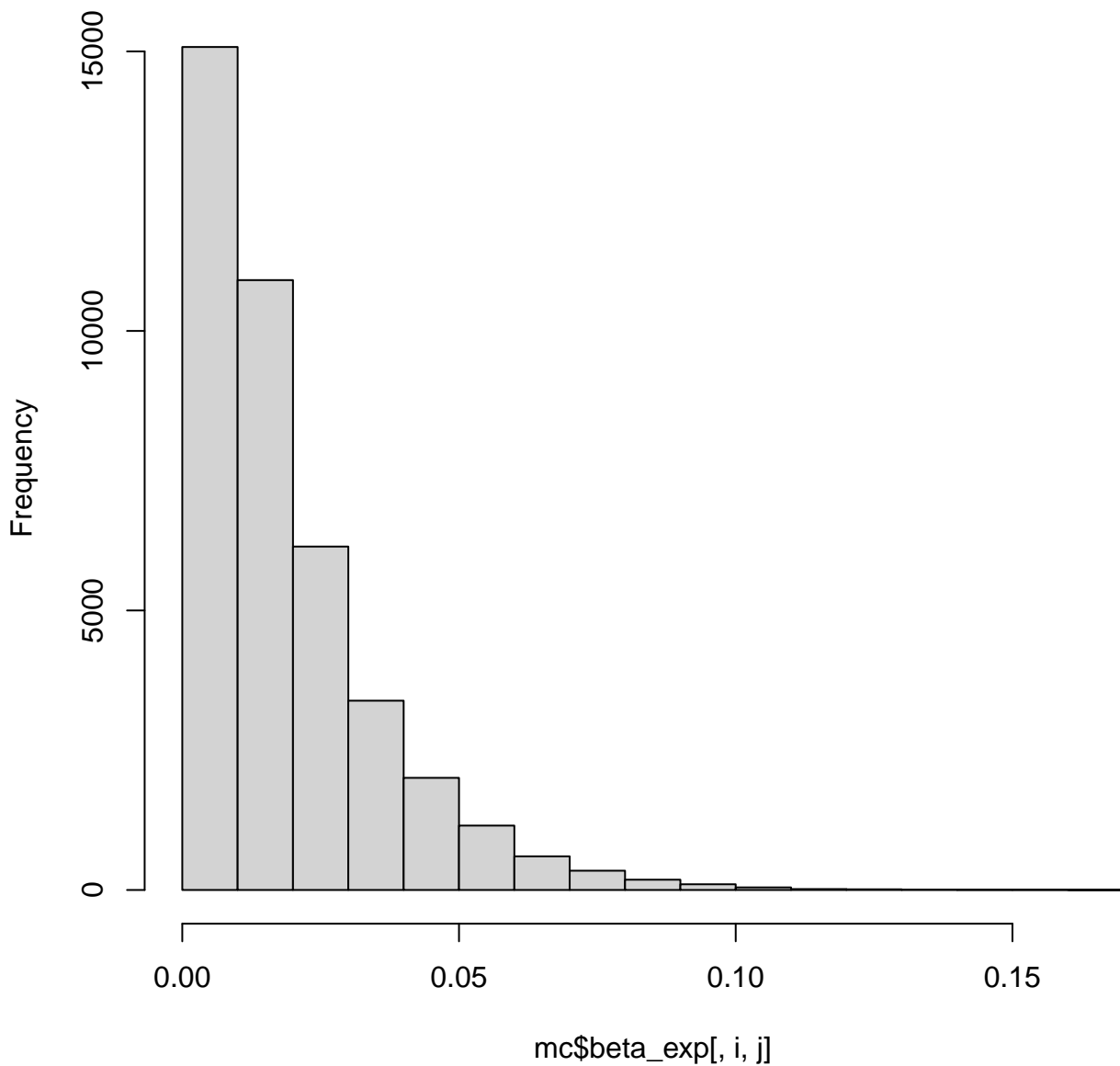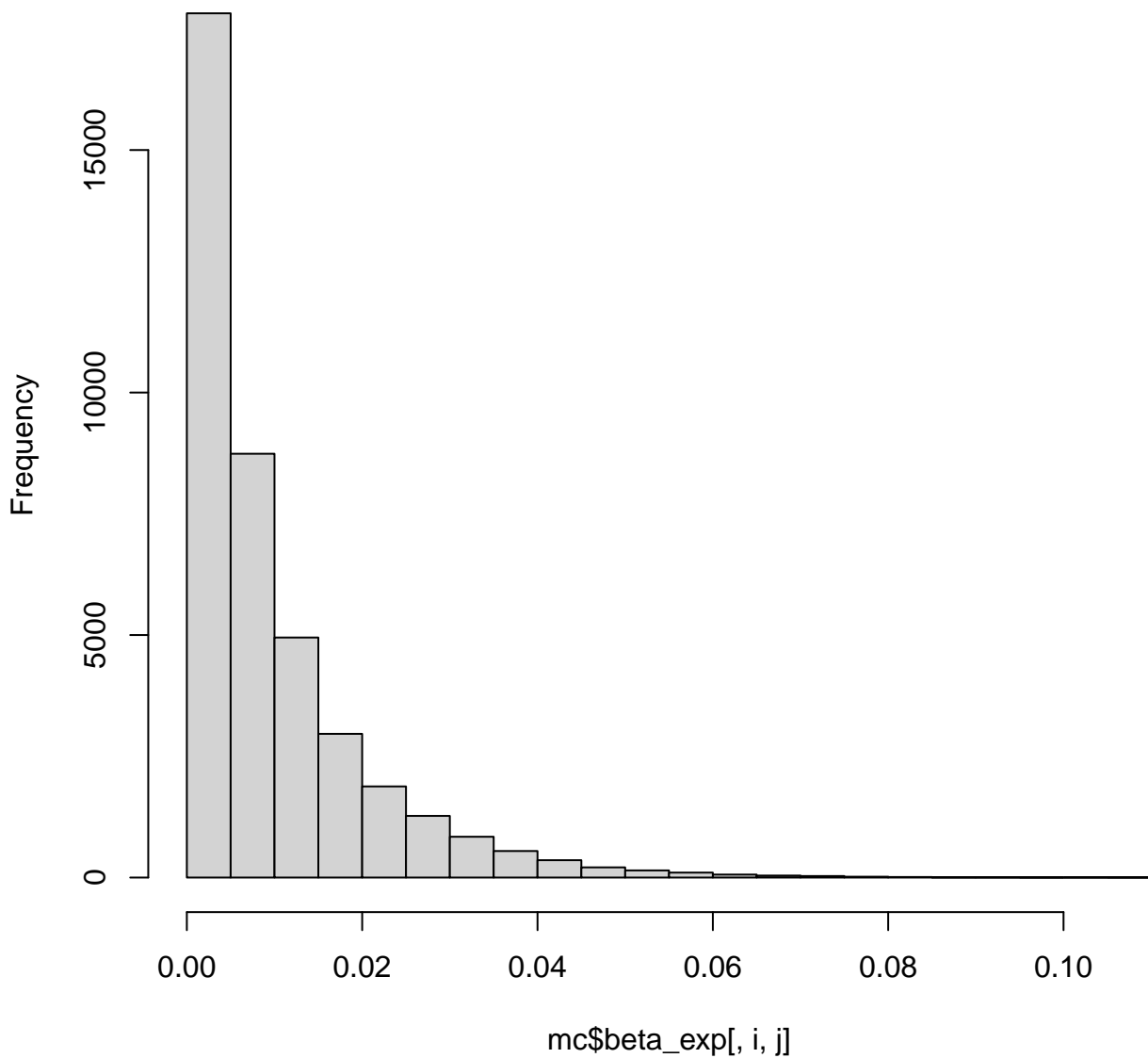
**Metro LA, CA: intercept**

**Metro LA, CA: geo1**

Frequency

mc$beta_exp[, i, j]
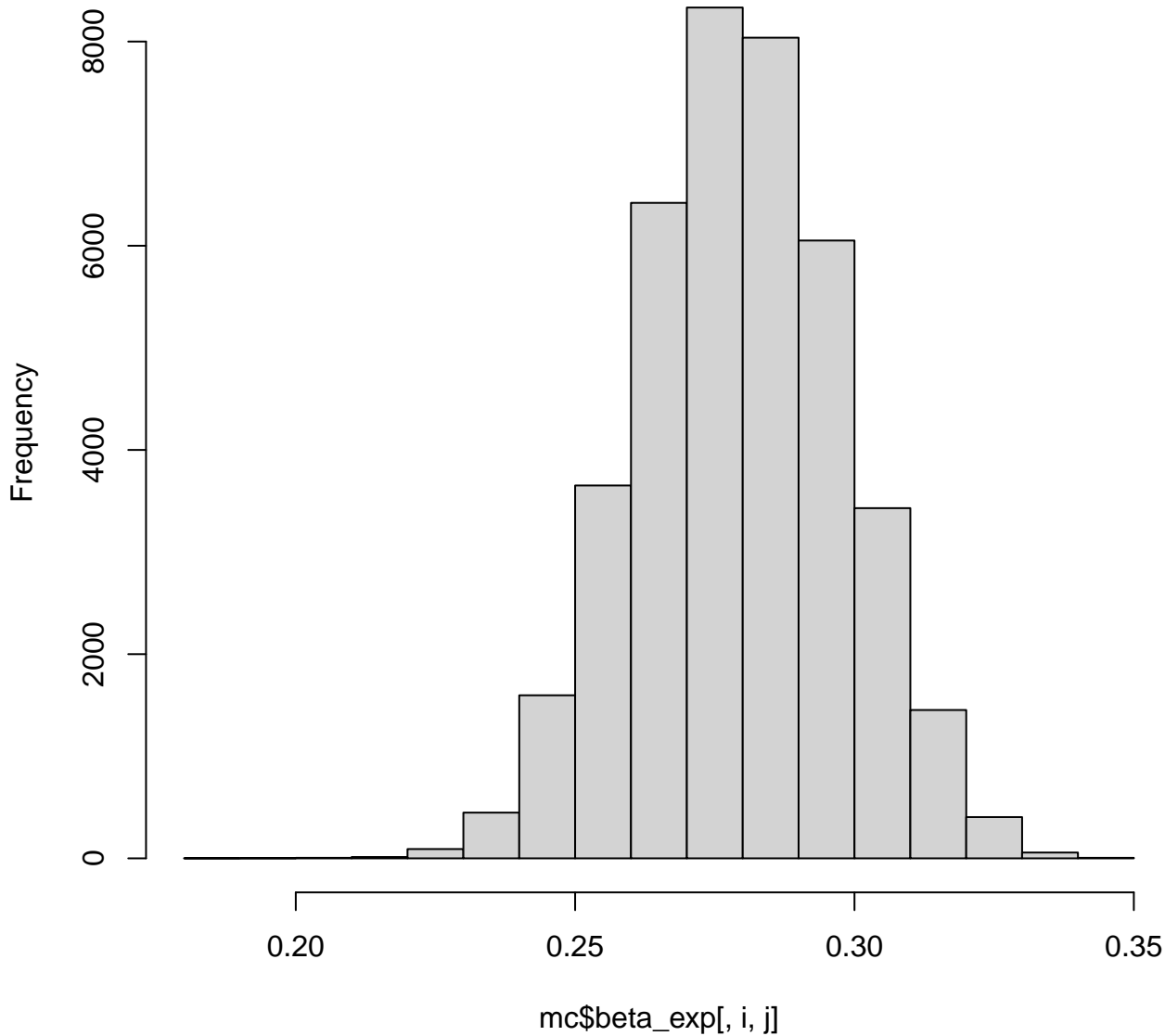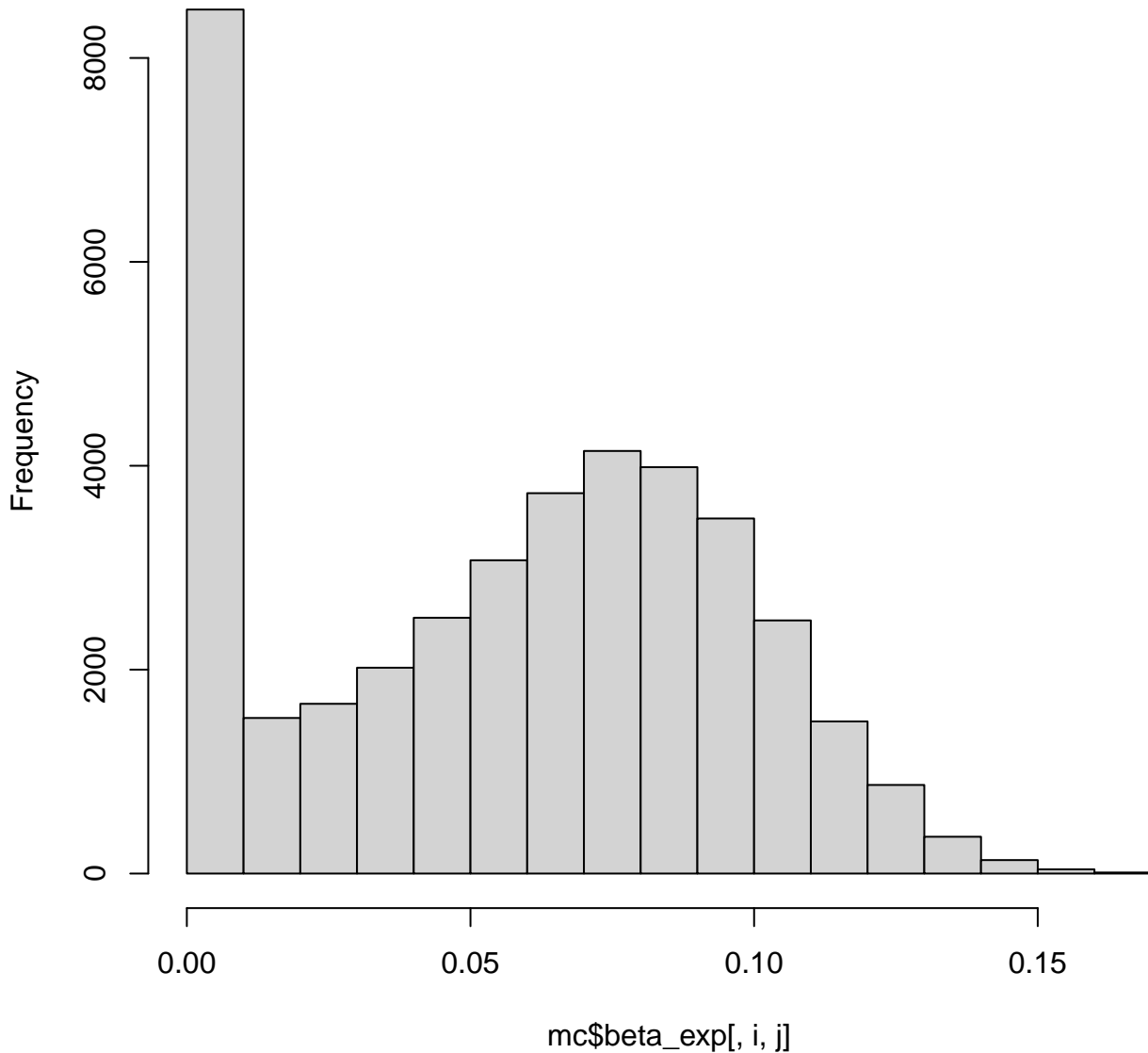
**Metro LA, CA: geo2**

**Metro LA, CA: geo3**

Frequency

mc$beta_exp[, i, j]
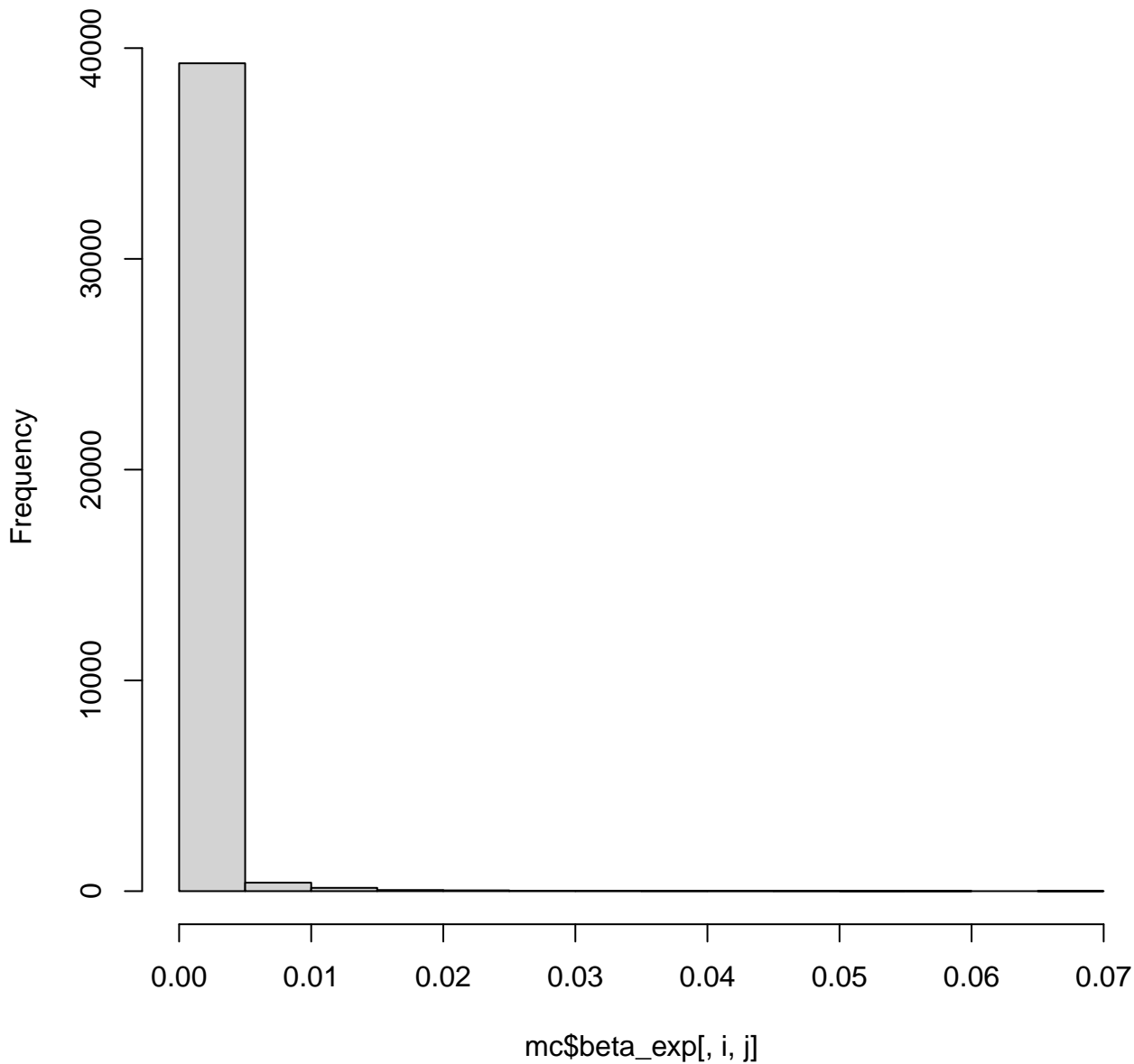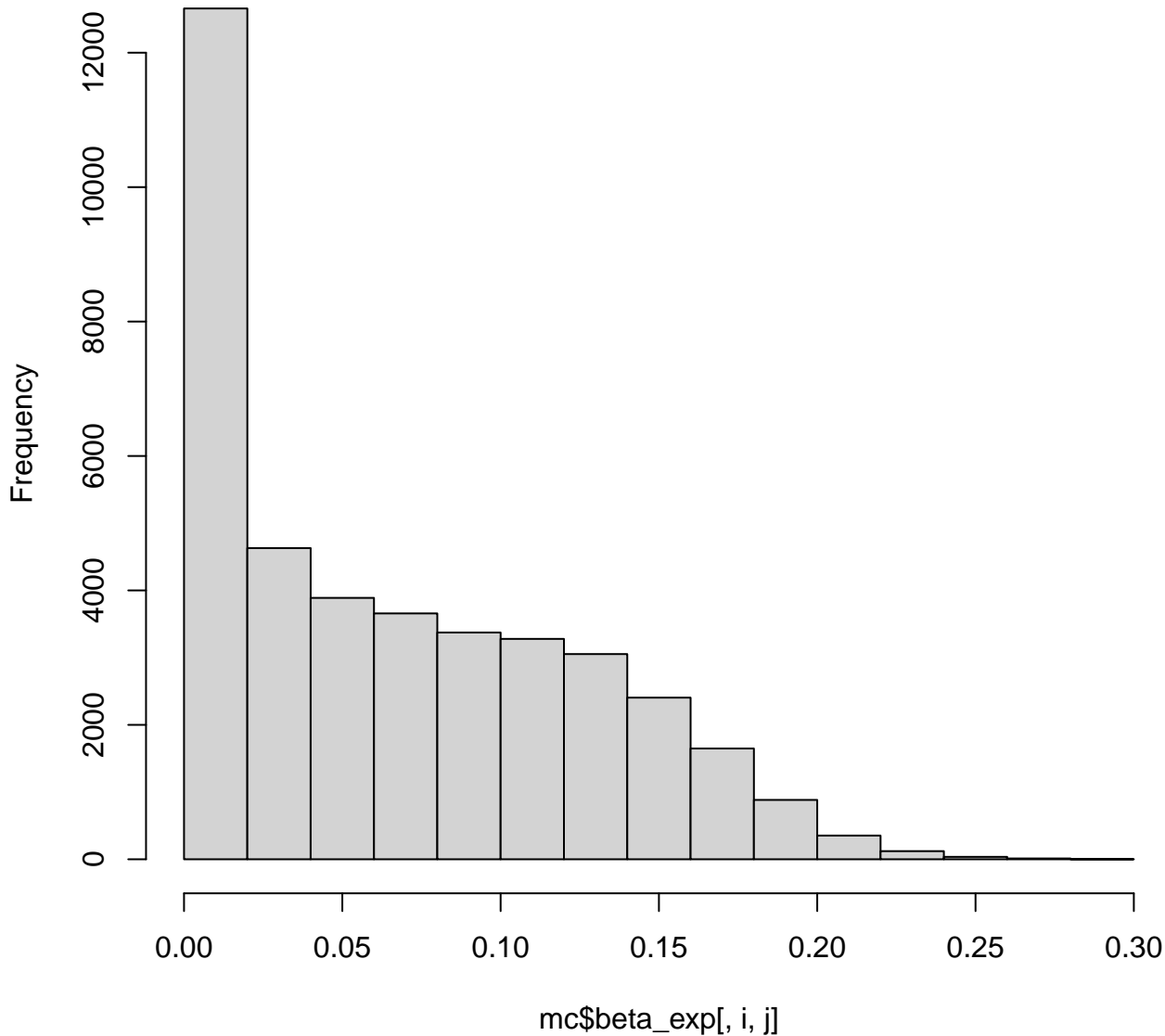
**Metro LA, CA: imp1**

**Metro LA, CA: imp2**

Frequency

mc$beta_exp[, i, j]
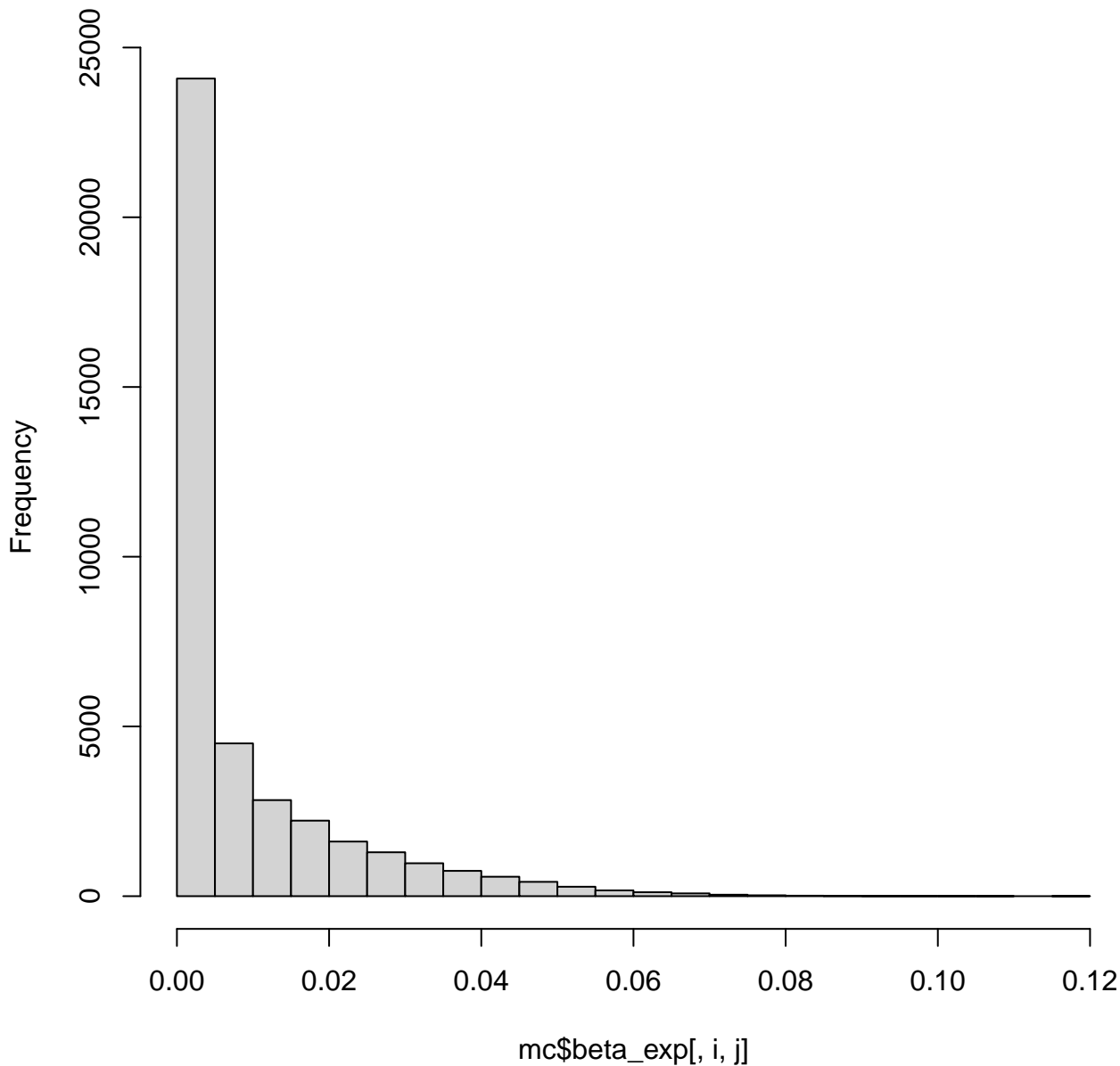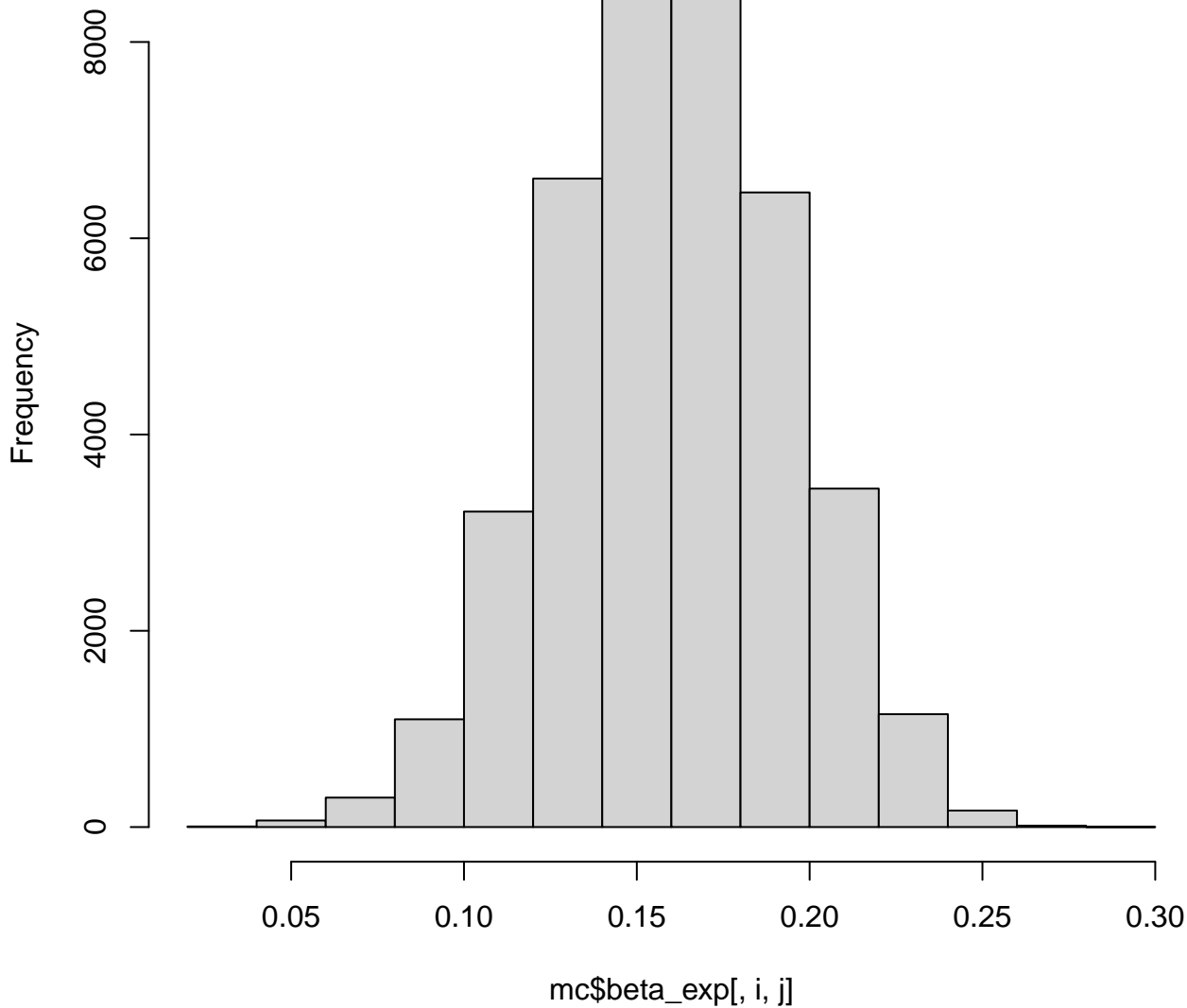
**Metro LA, CA: imp3**

**Metro LA, CA: gent**

Frequency

mc$beta_exp[, i, j]
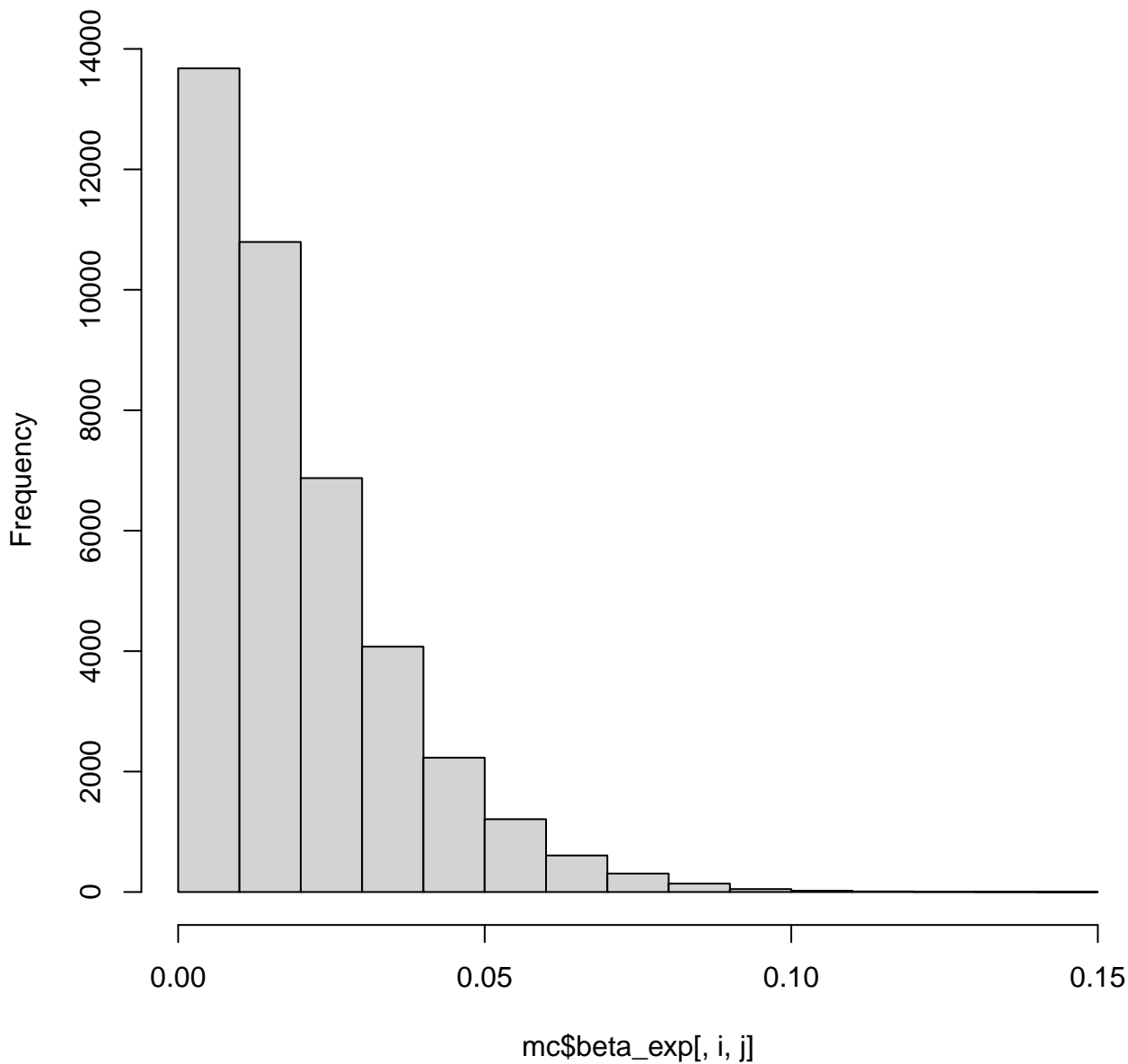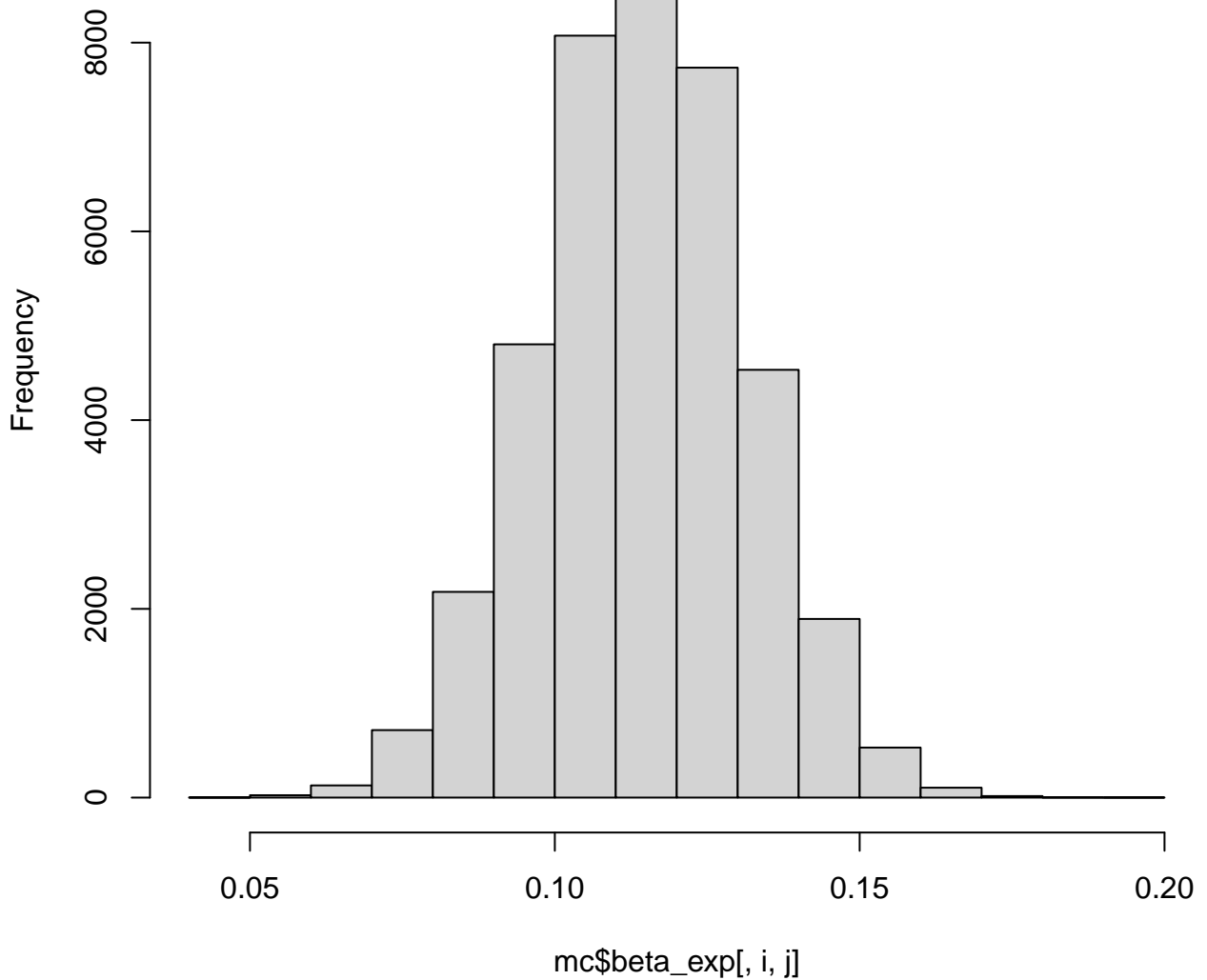
**National Capital: intercept**

Frequency

mc$beta_exp[, i, j]

**National Capital: geo1**

Frequency

mc$beta_exp[, i, j]
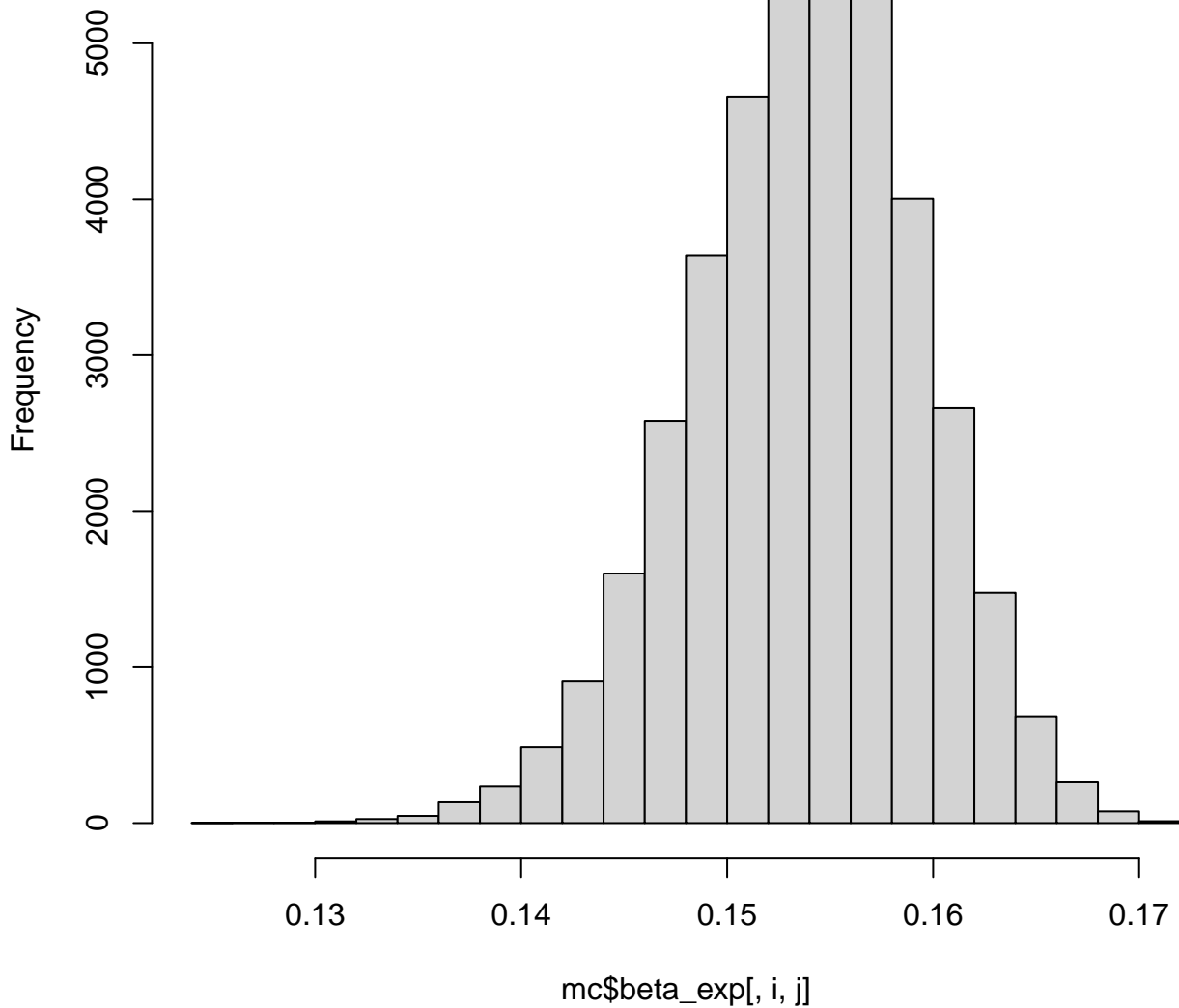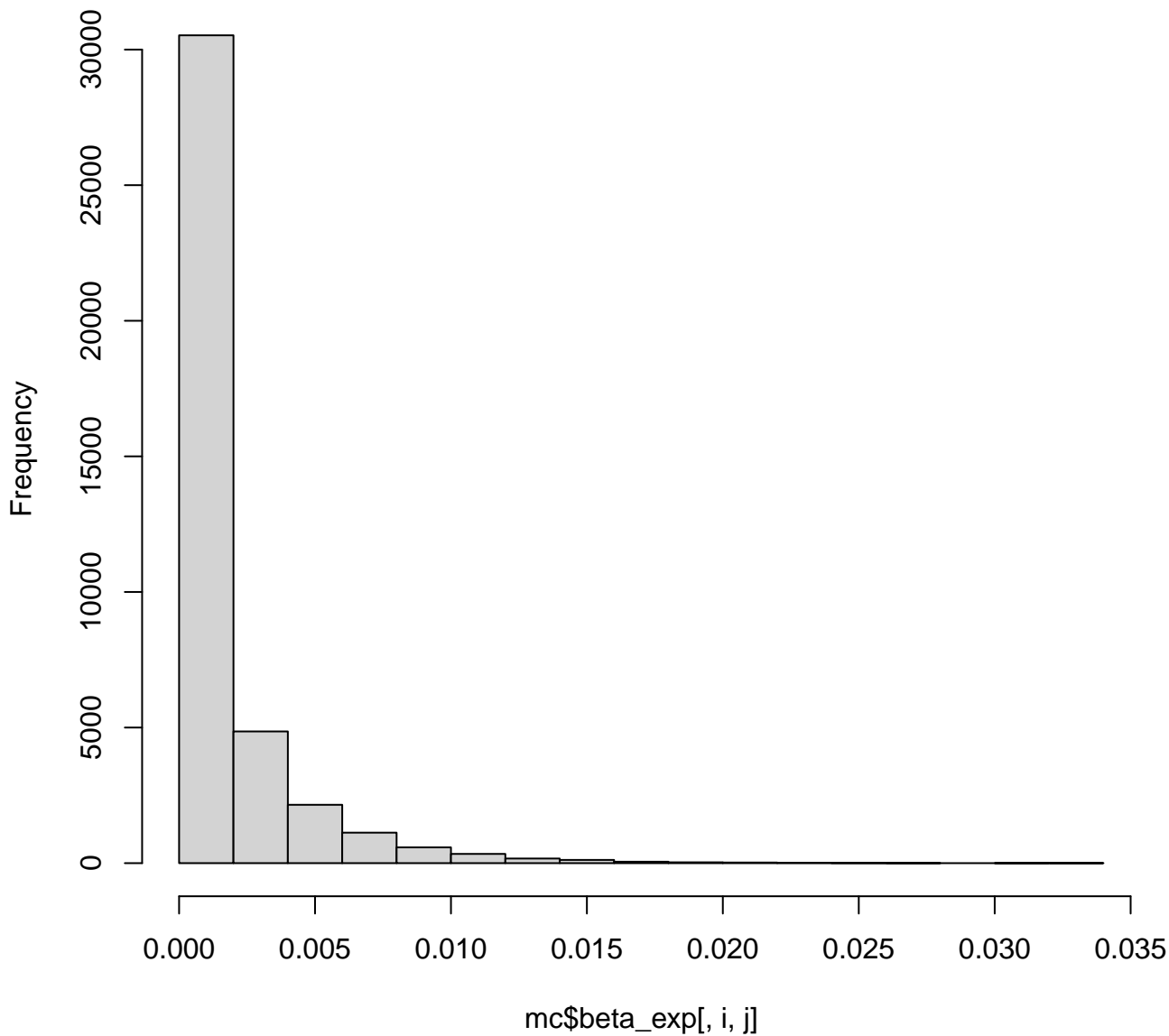
# National Capital: geo2



Frequency

mc$beta_exp[, i, j]
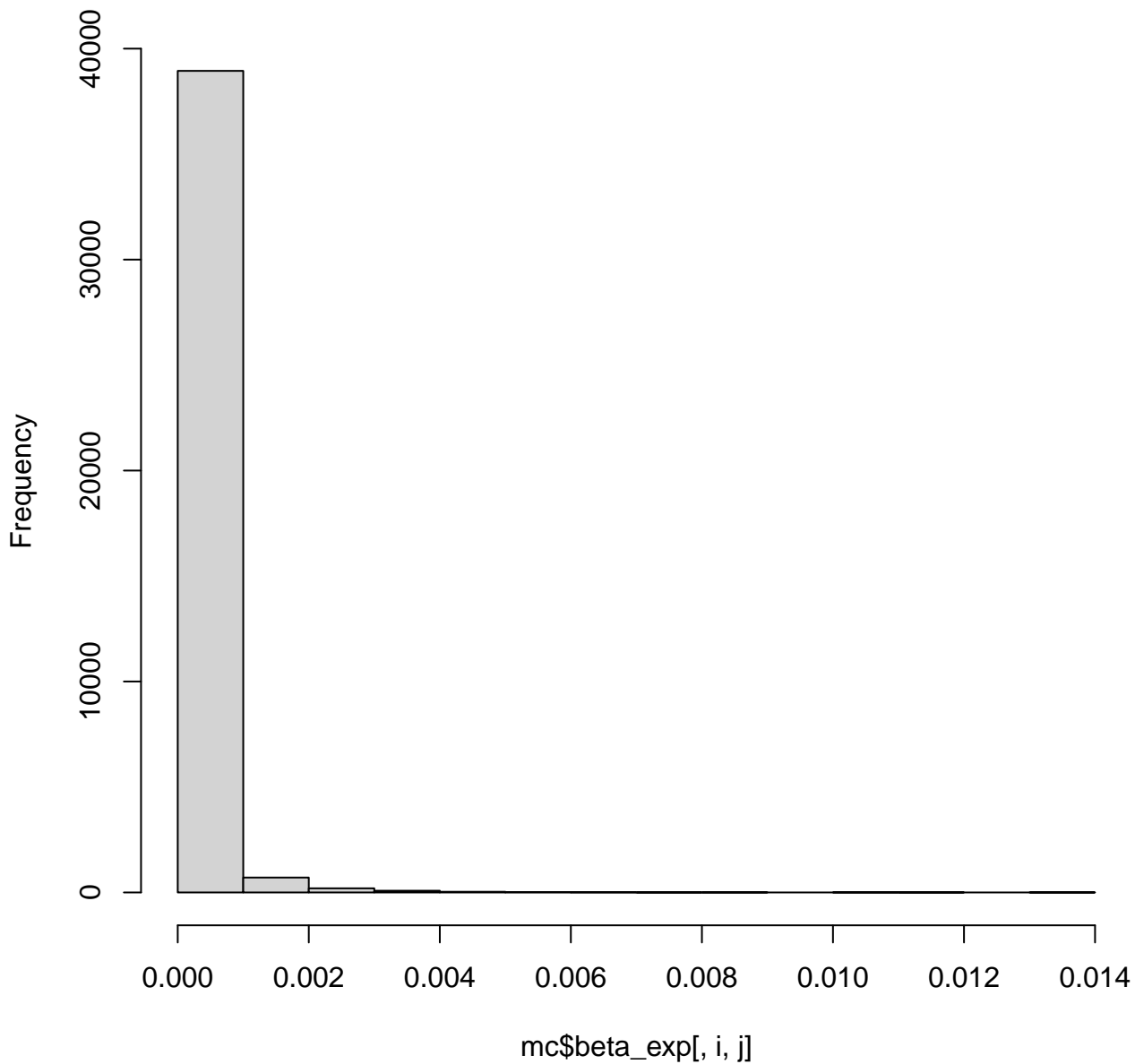
**National Capital: geo3**
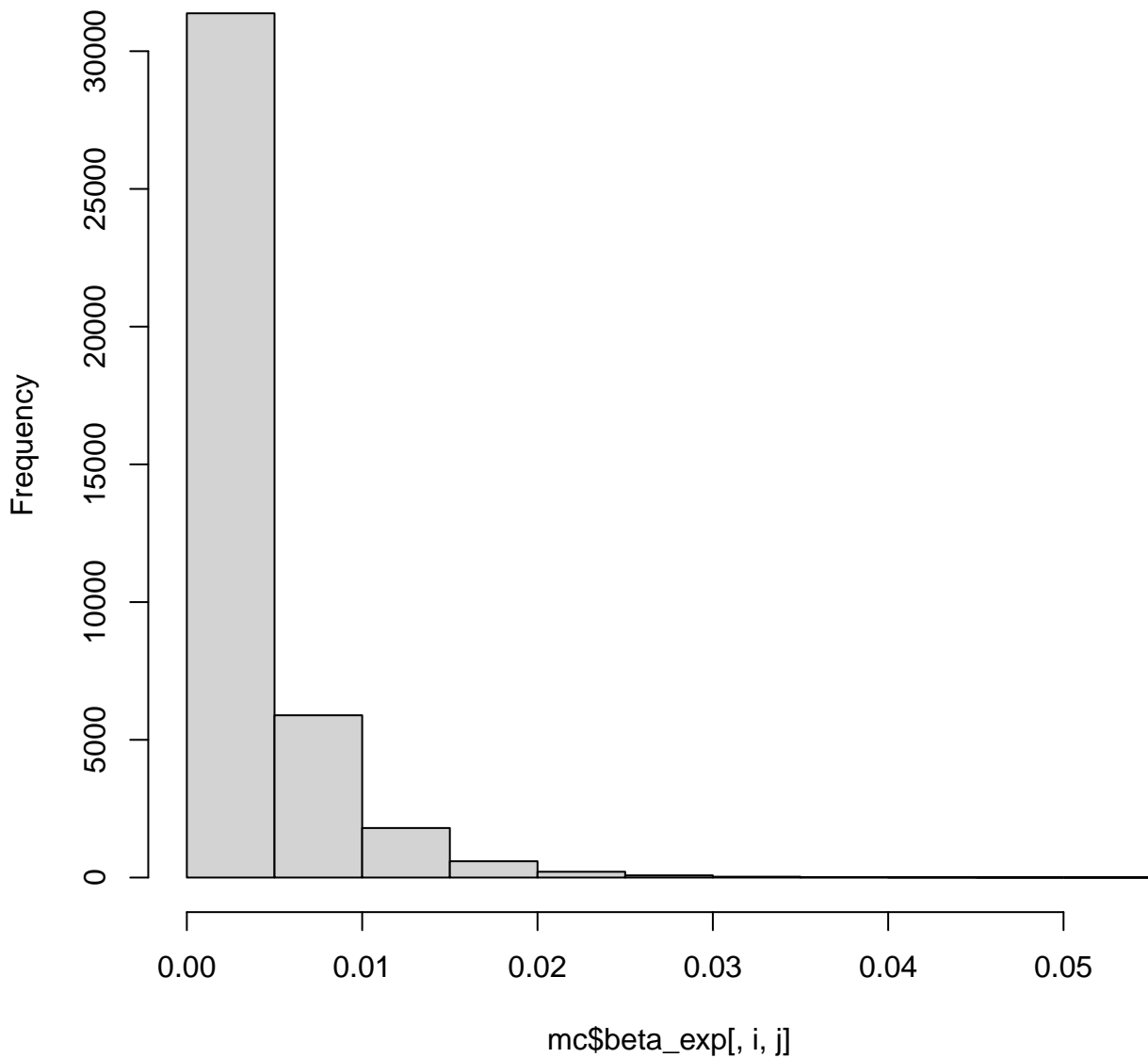
**National Capital: imp1**

**National Capital: imp2**

Frequency vs. mc$beta_exp[, i, j]
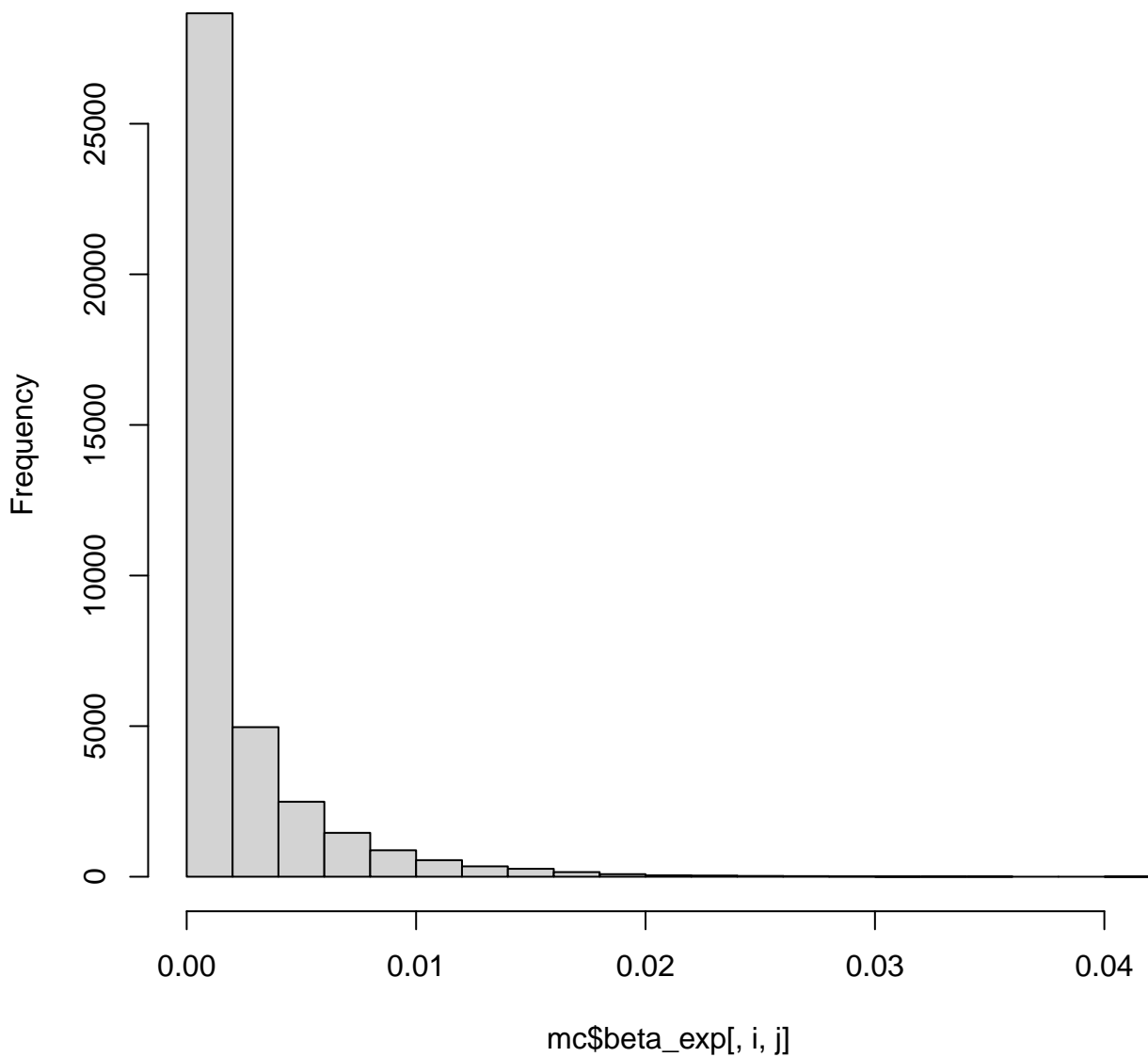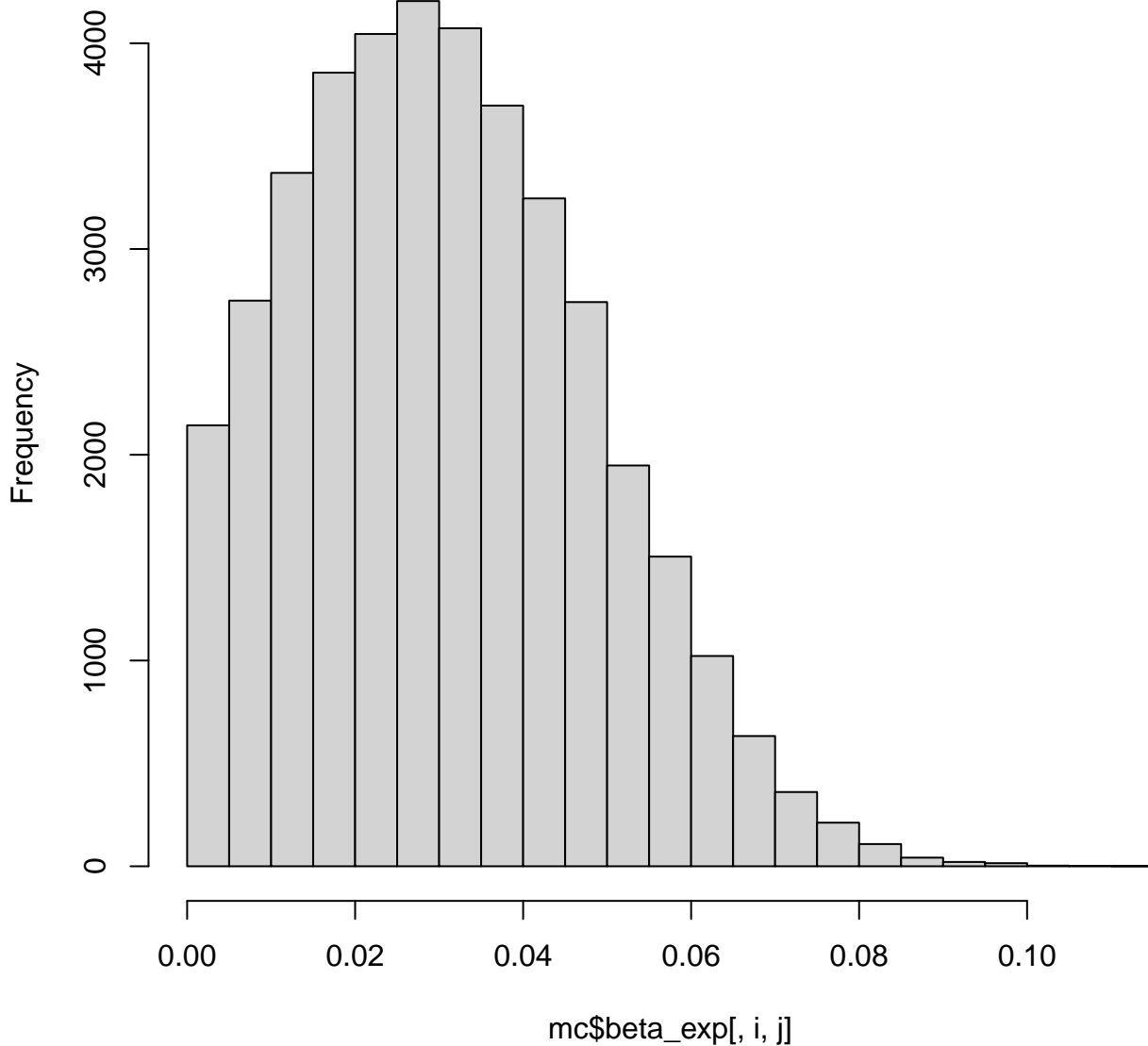
**National Capital: imp3**
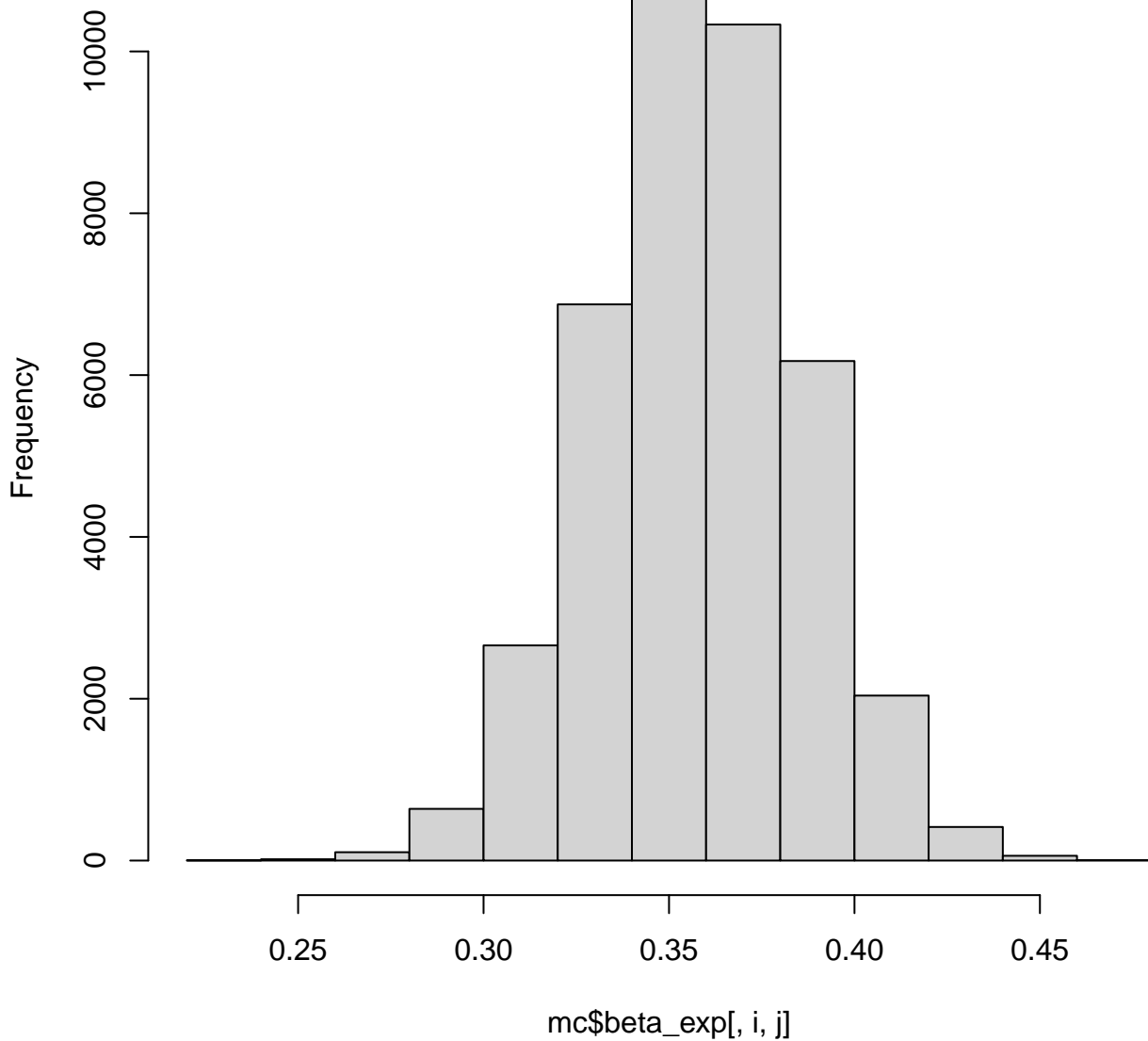
**National Capital: gent**
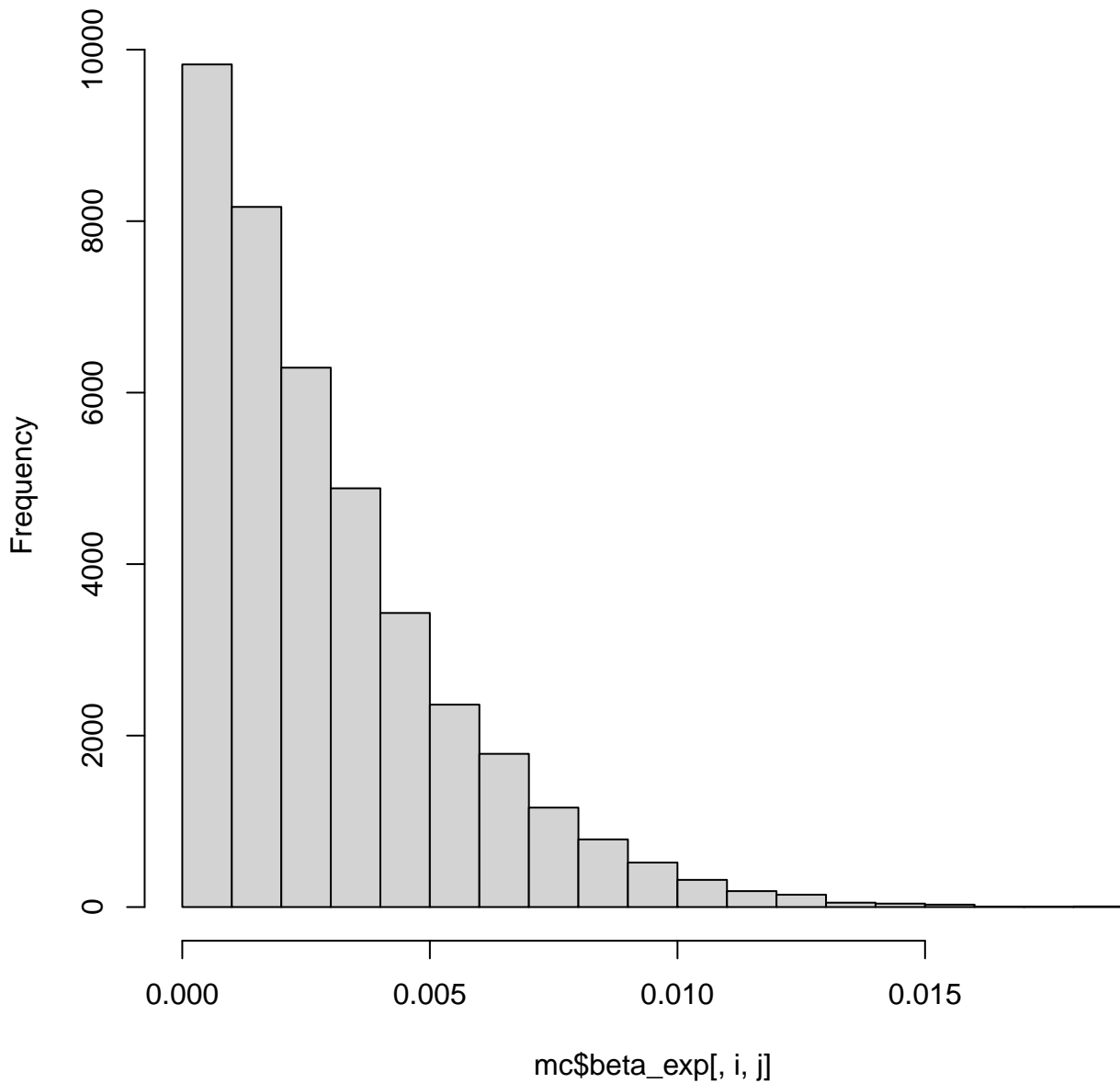
**Phoenix, AZ: intercept**
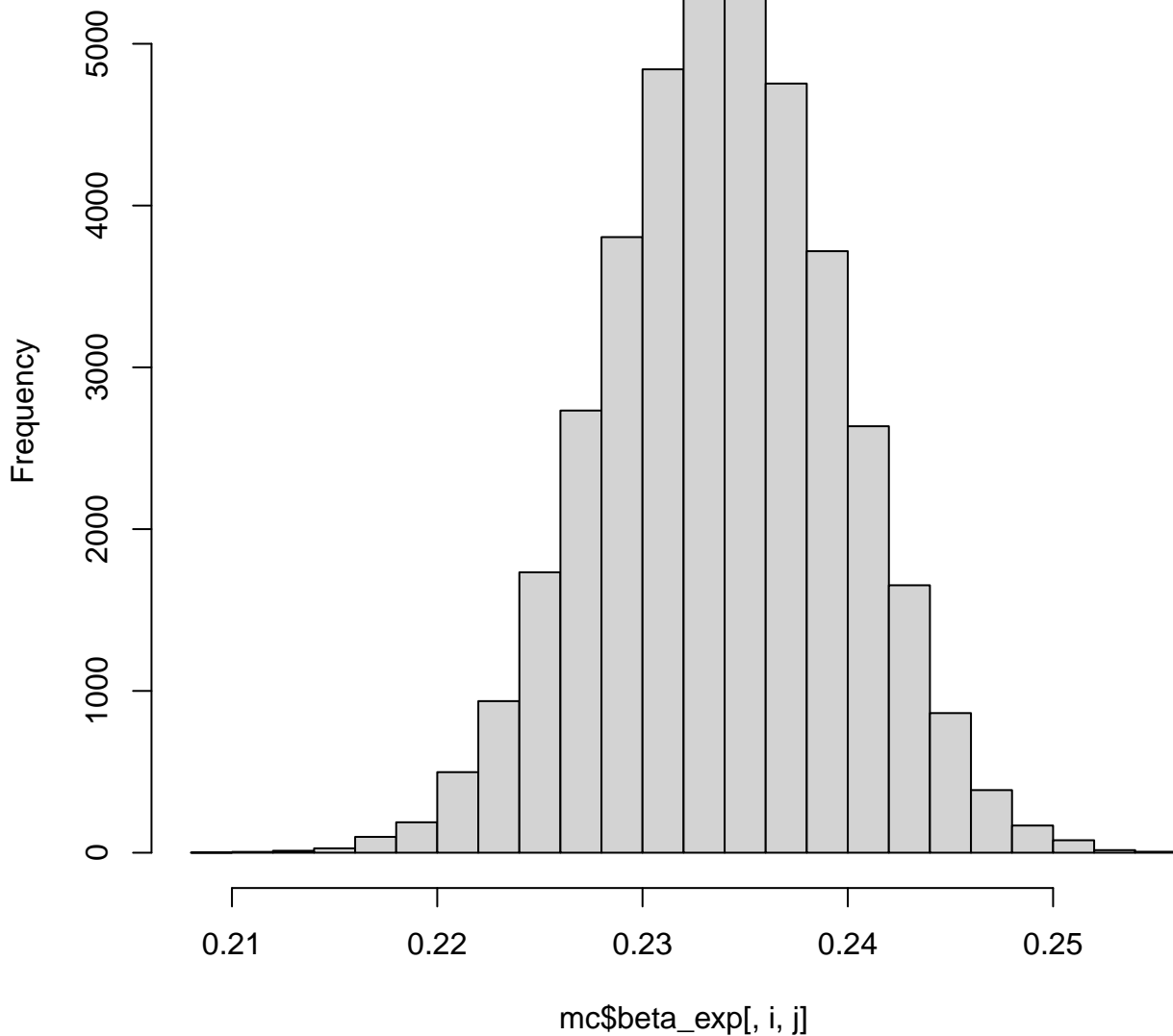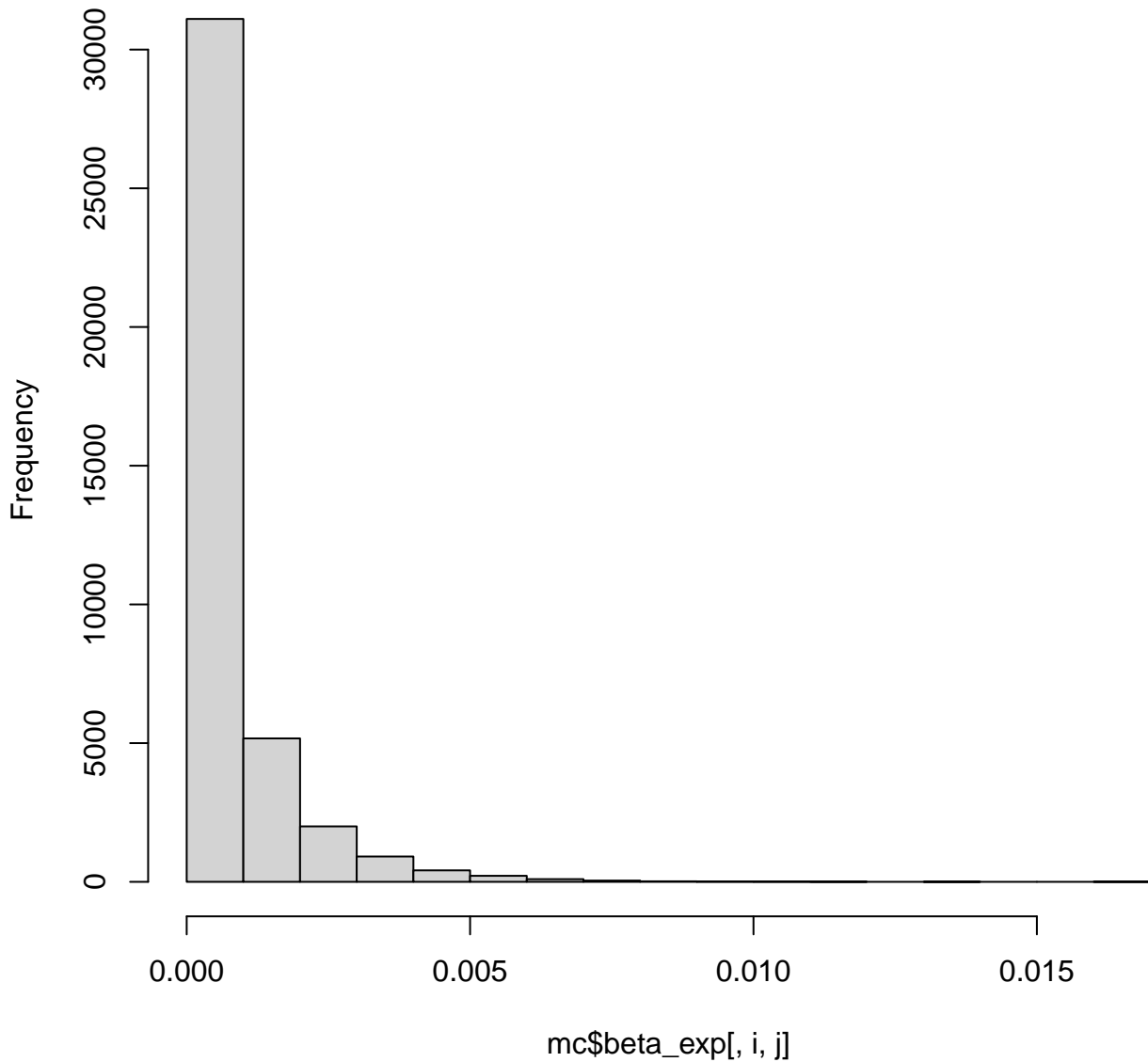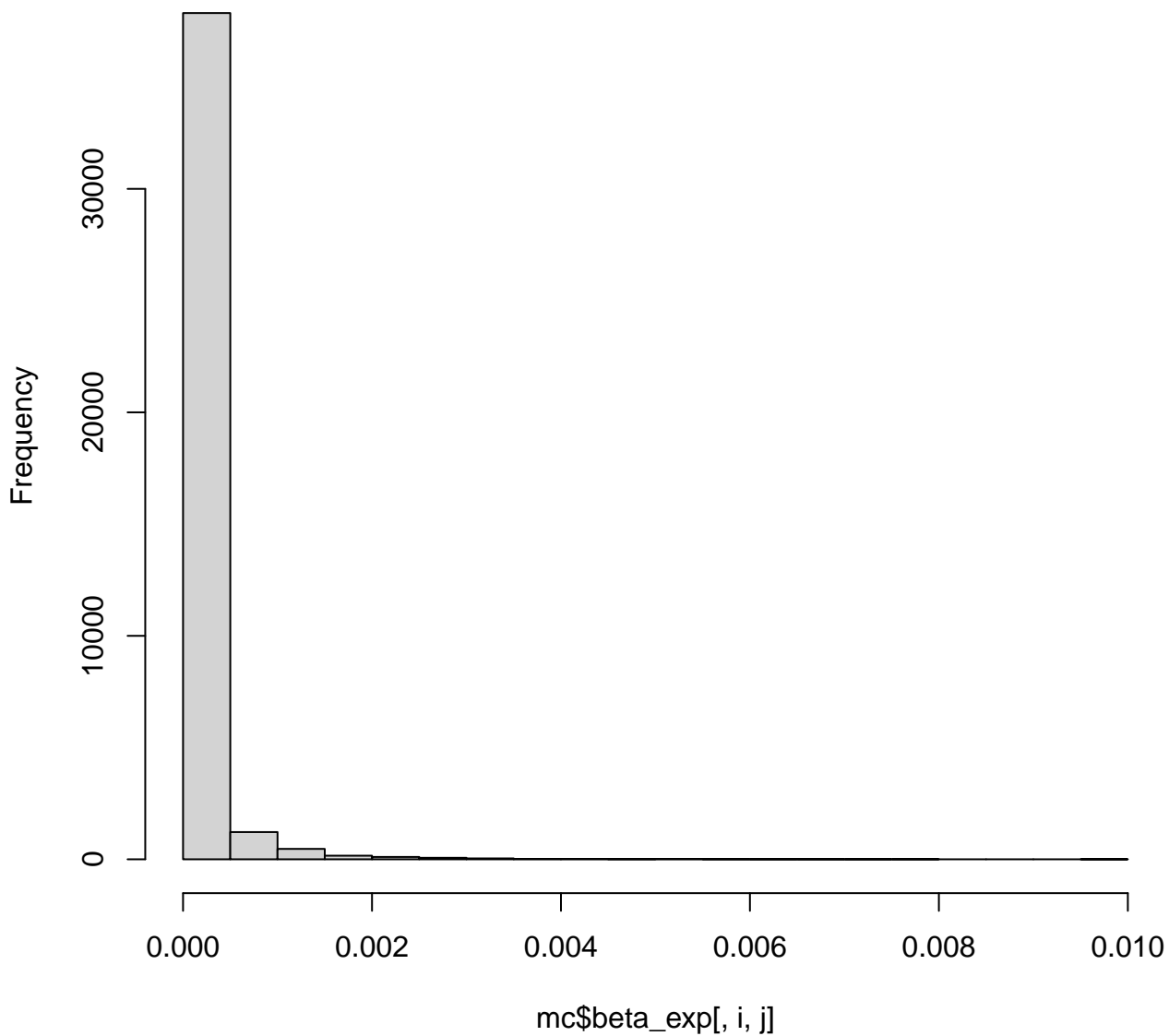
Frequency

mc$beta_exp[, i, j]

**Phoenix, AZ: geo1**
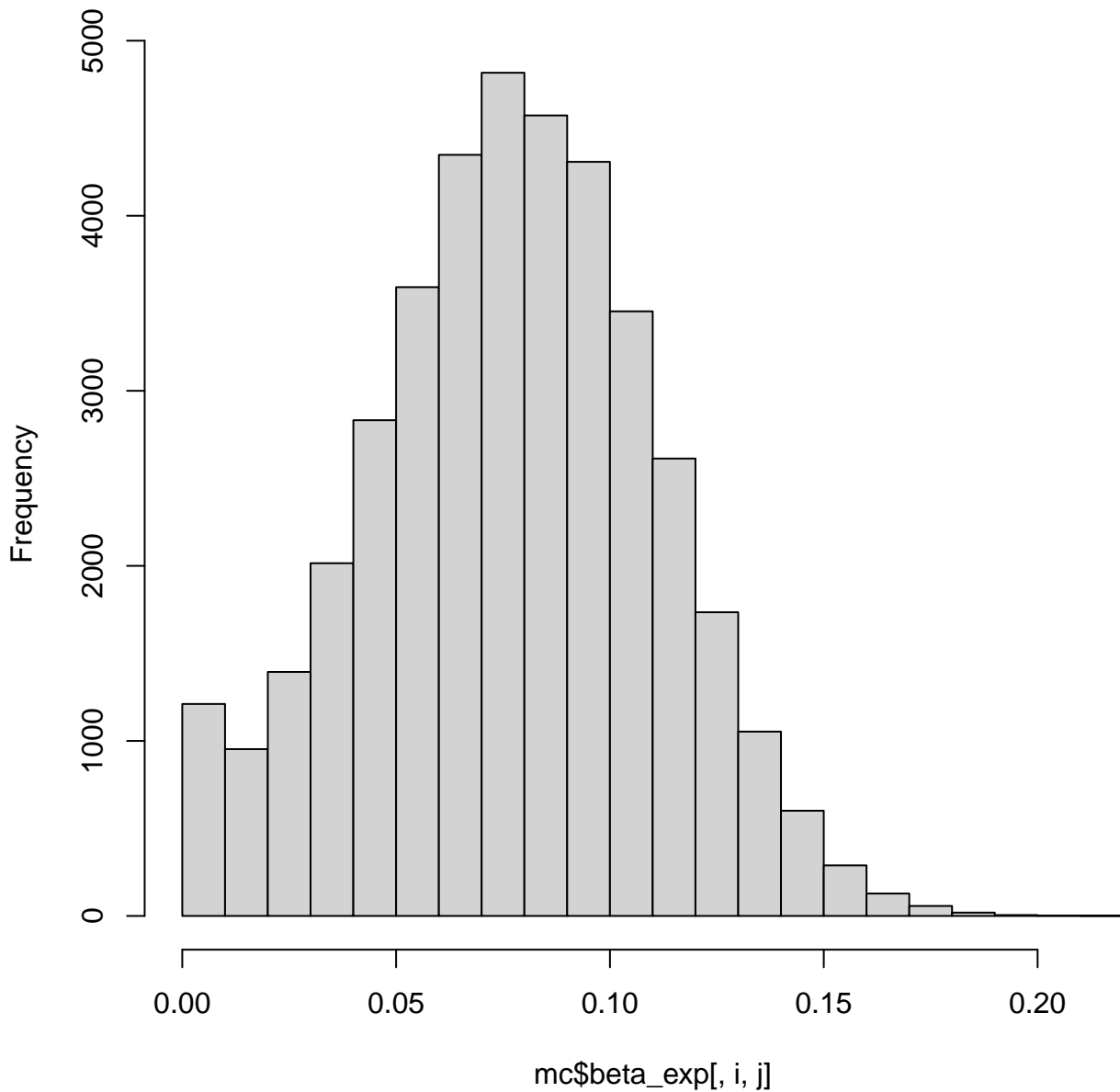
Frequency

mc$beta_exp[, i, j]

**Phoenix, AZ: geo2**

Frequency

mc$beta_exp[, i, j]

**Phoenix, AZ: geo3**

Frequency

mc$beta_exp[, i, j]

**Phoenix, AZ: imp1**

Frequency

mc$beta_exp[, i, j]

**Phoenix, AZ: imp2**

Frequency

mc$beta_exp[, i, j]

**Phoenix, AZ: imp3**

Frequency

mc$beta_exp[, i, j]

**Phoenix, AZ: gent**

Frequency

mc$beta_exp[, i, j]
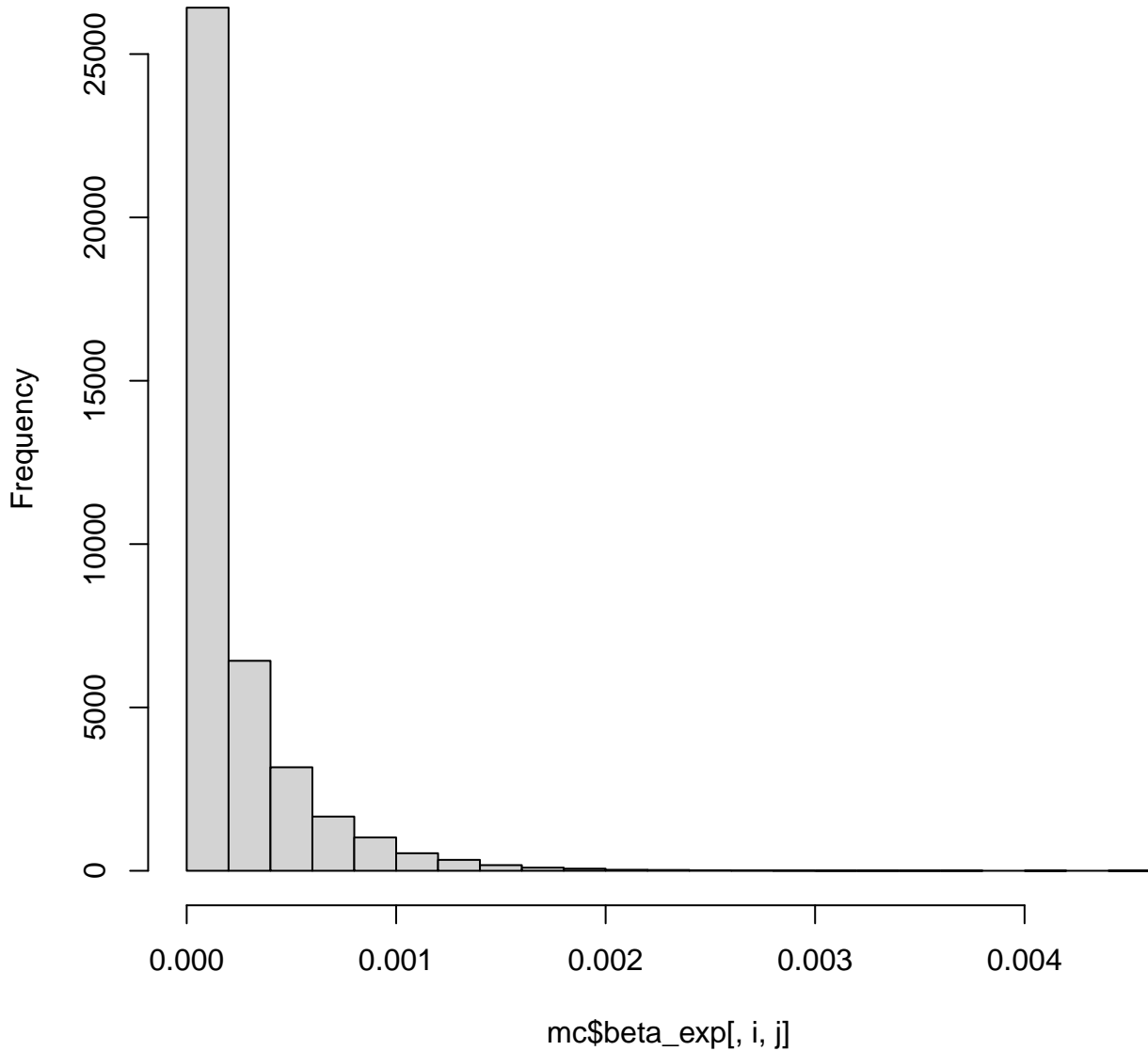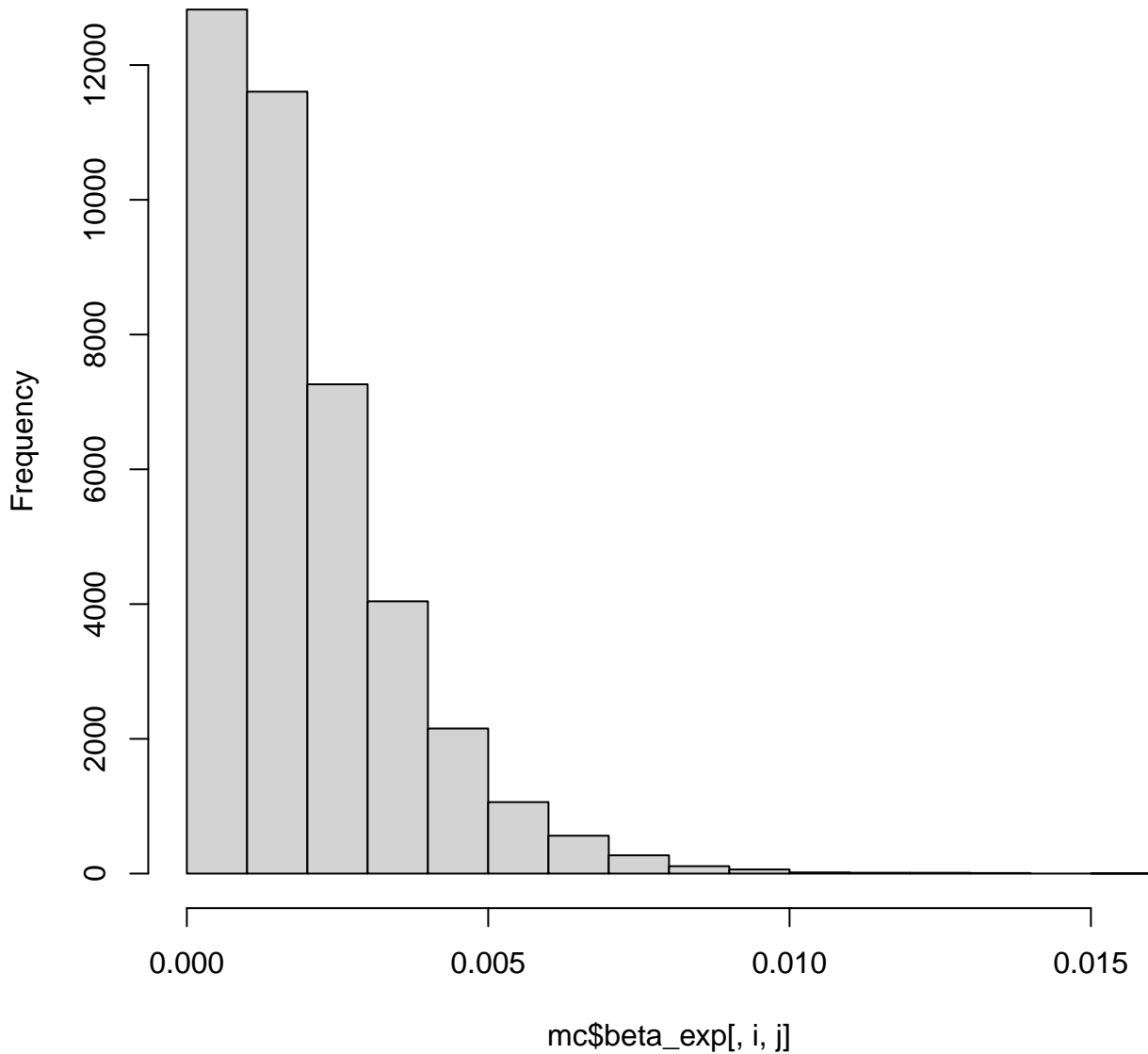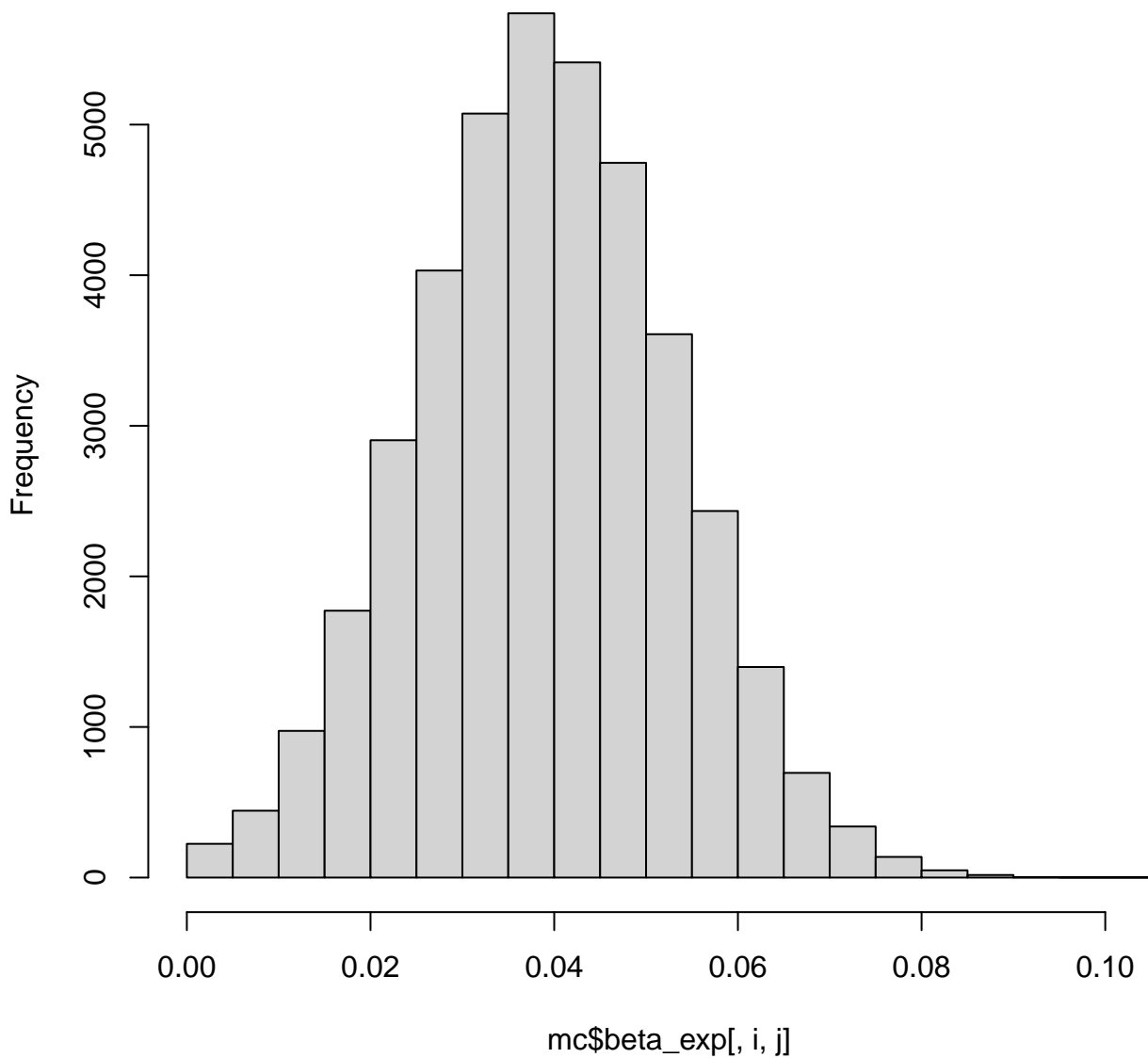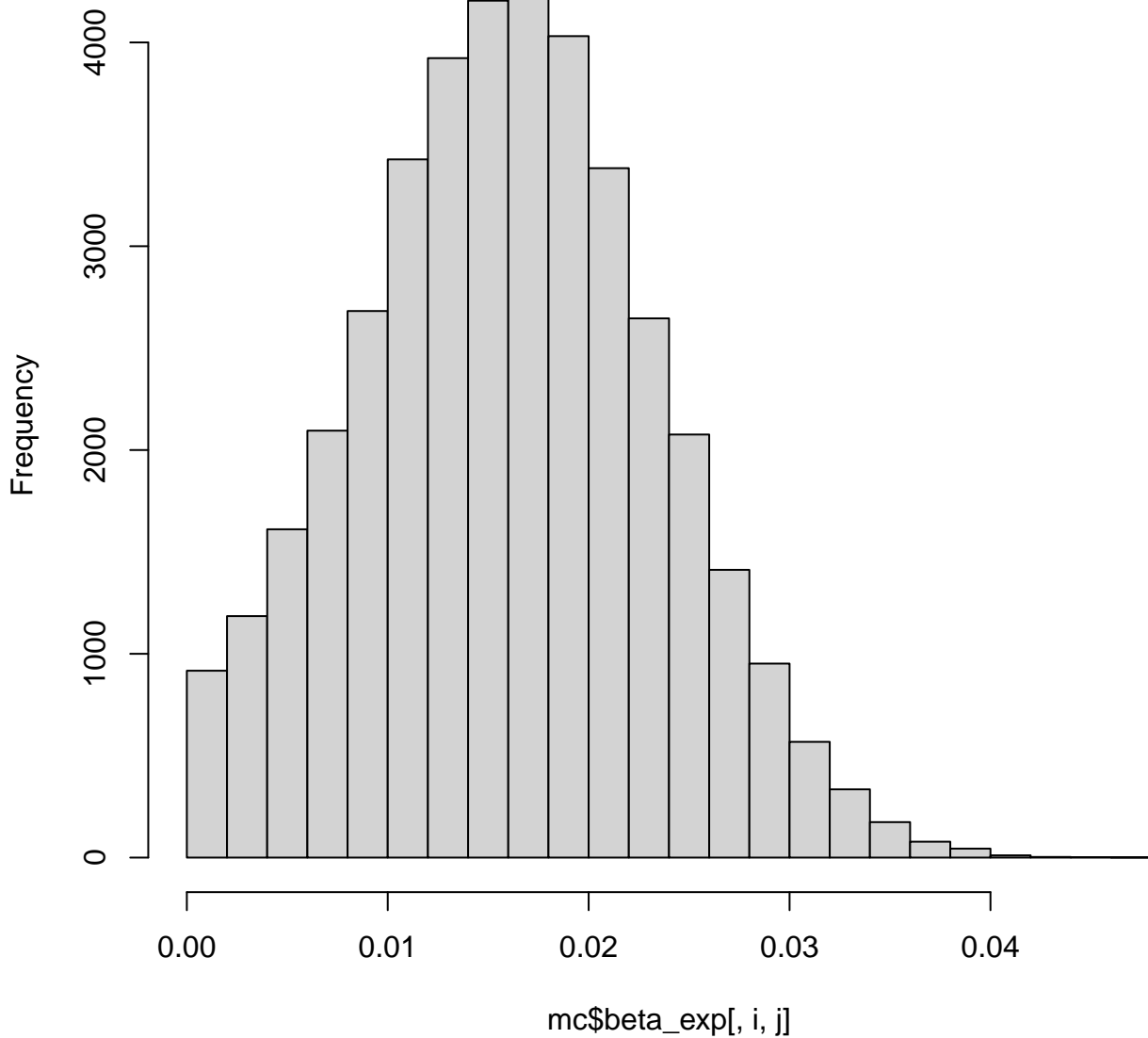
**Portland, OR: intercept**

Frequency

mc$beta_exp[, i, j]
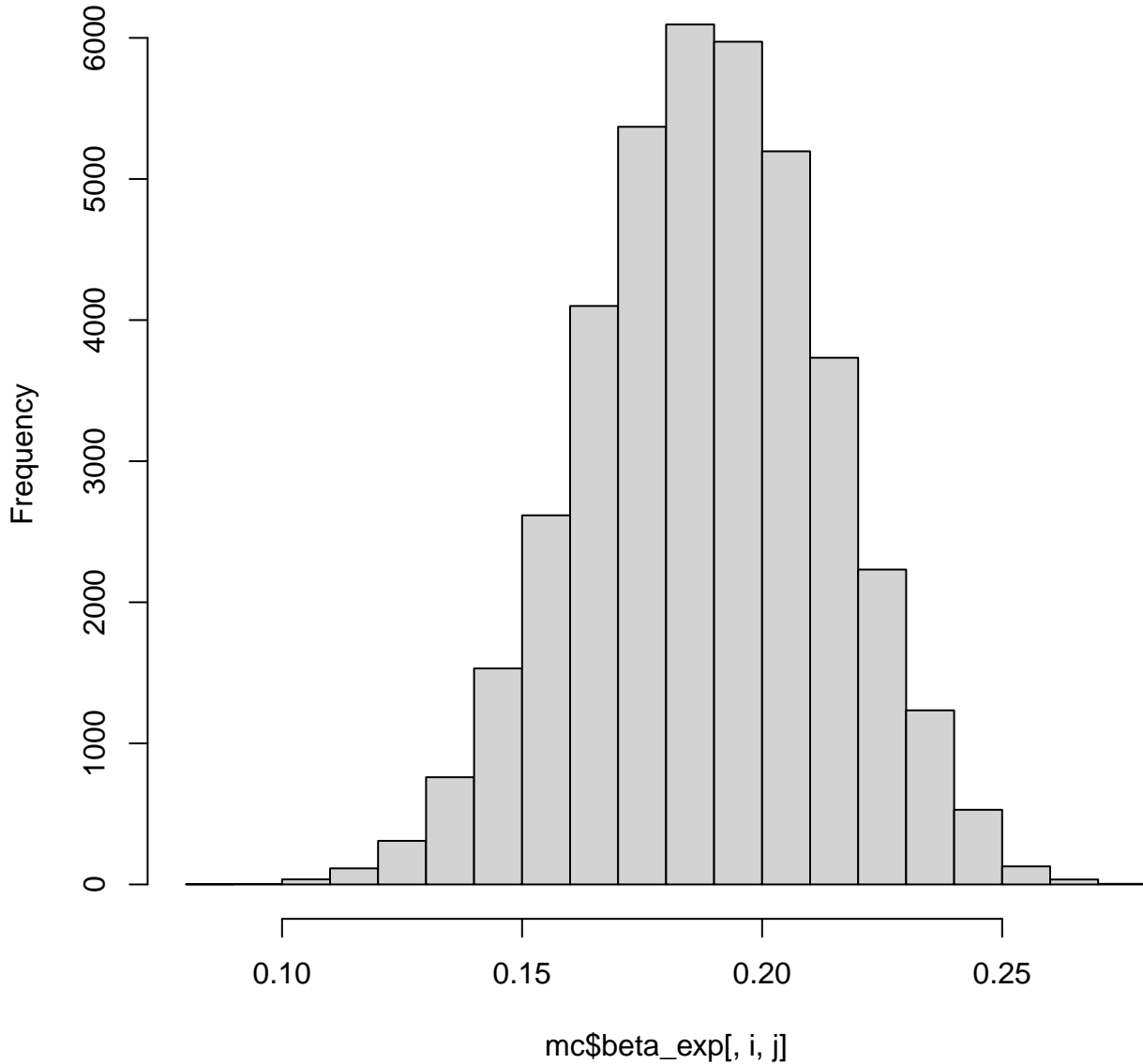
**Portland, OR: geo1**

**Portland, OR: geo2**

Frequency

mc$beta_exp[, i, j]
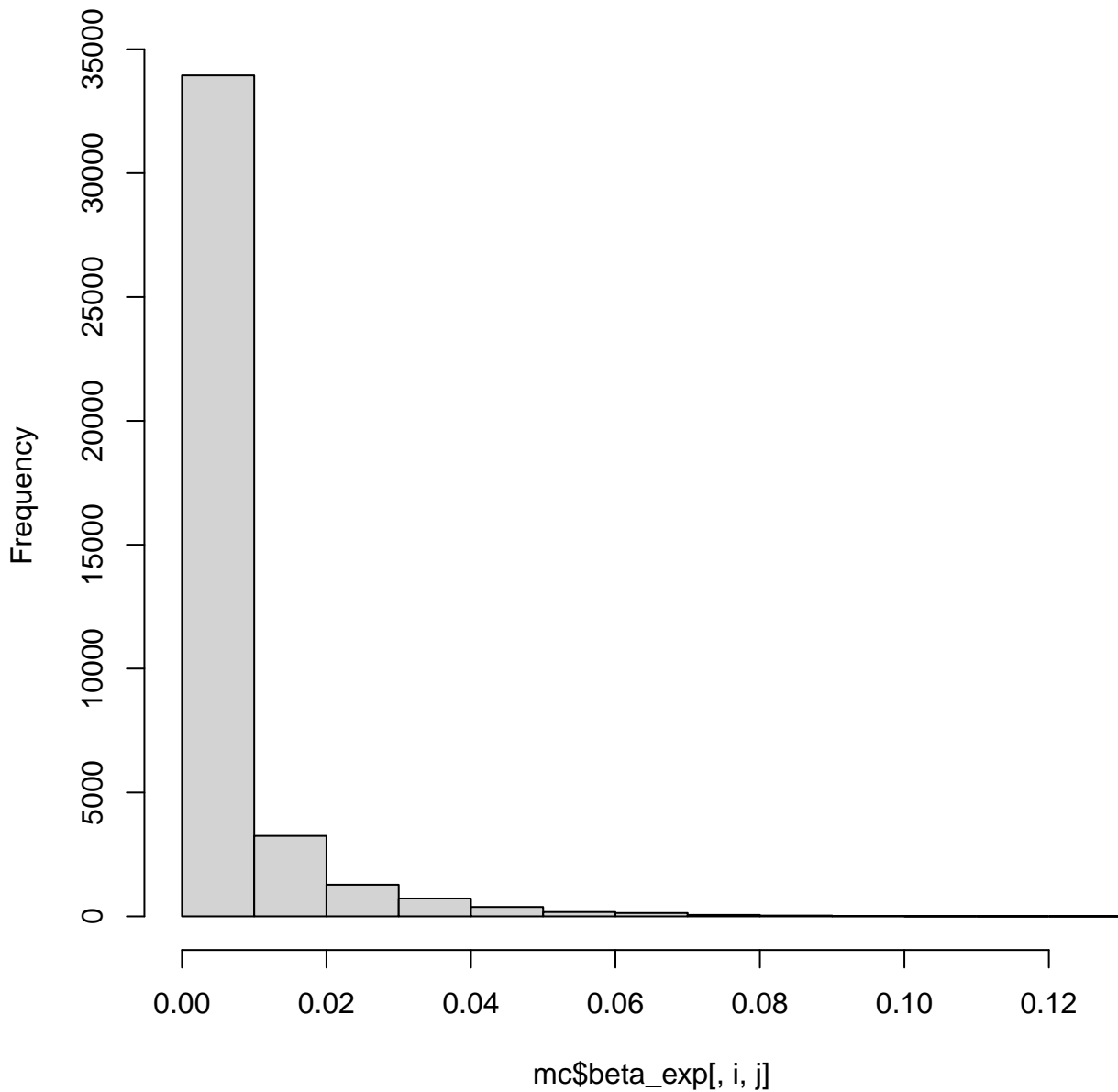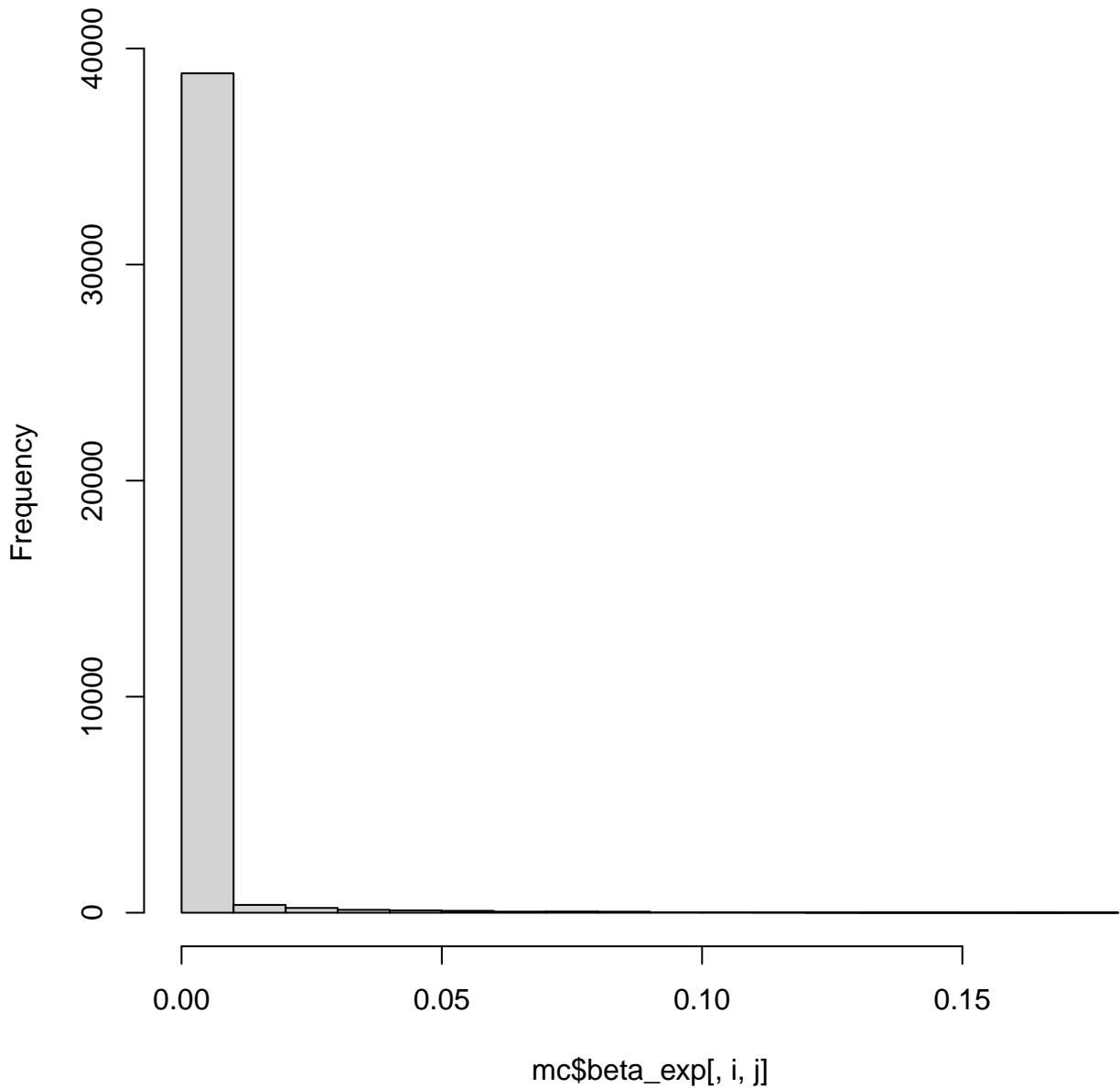
**Portland, OR: geo3**

**Portland, OR: imp1**

Frequency

mc$beta_exp[, i, j]
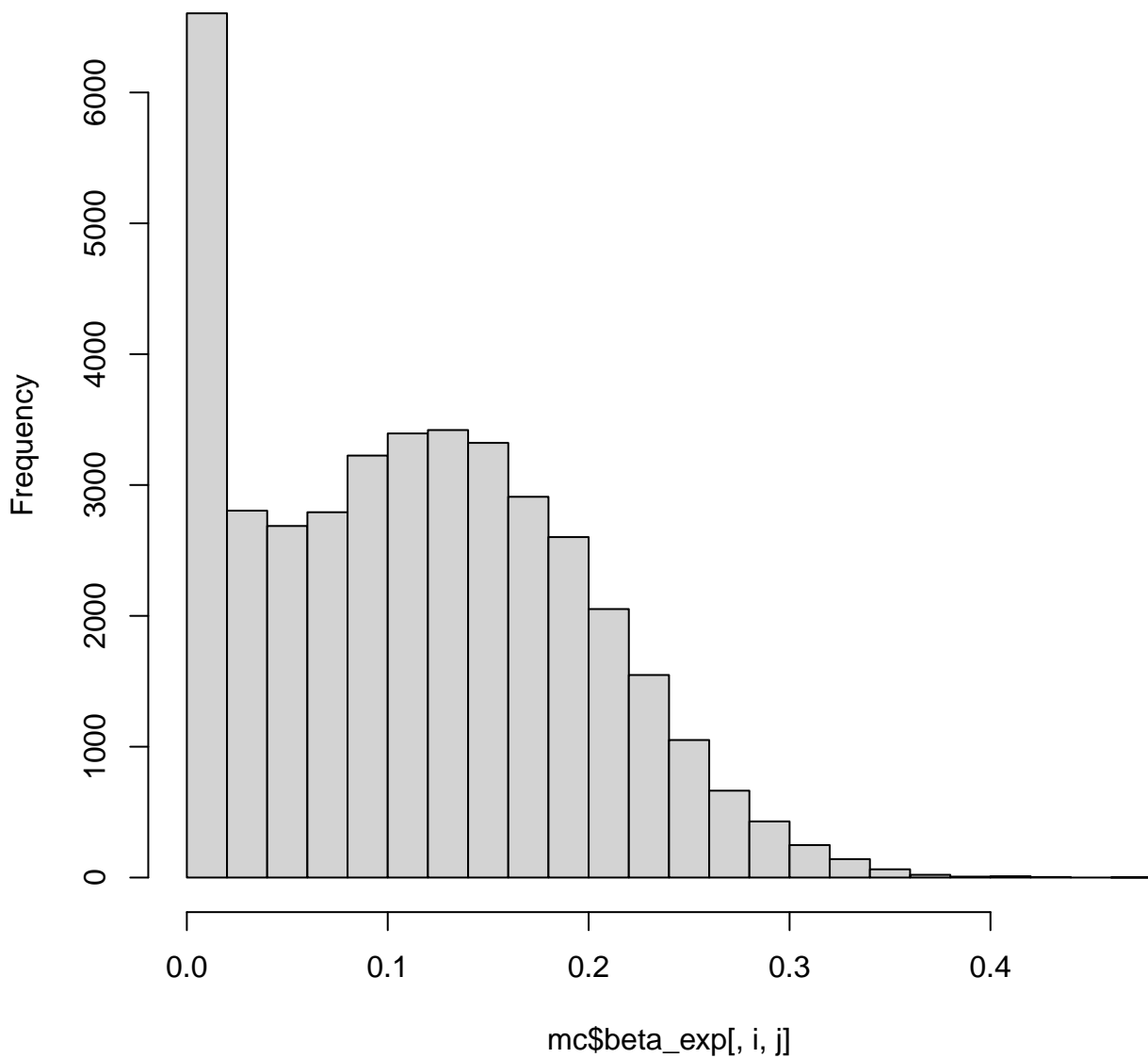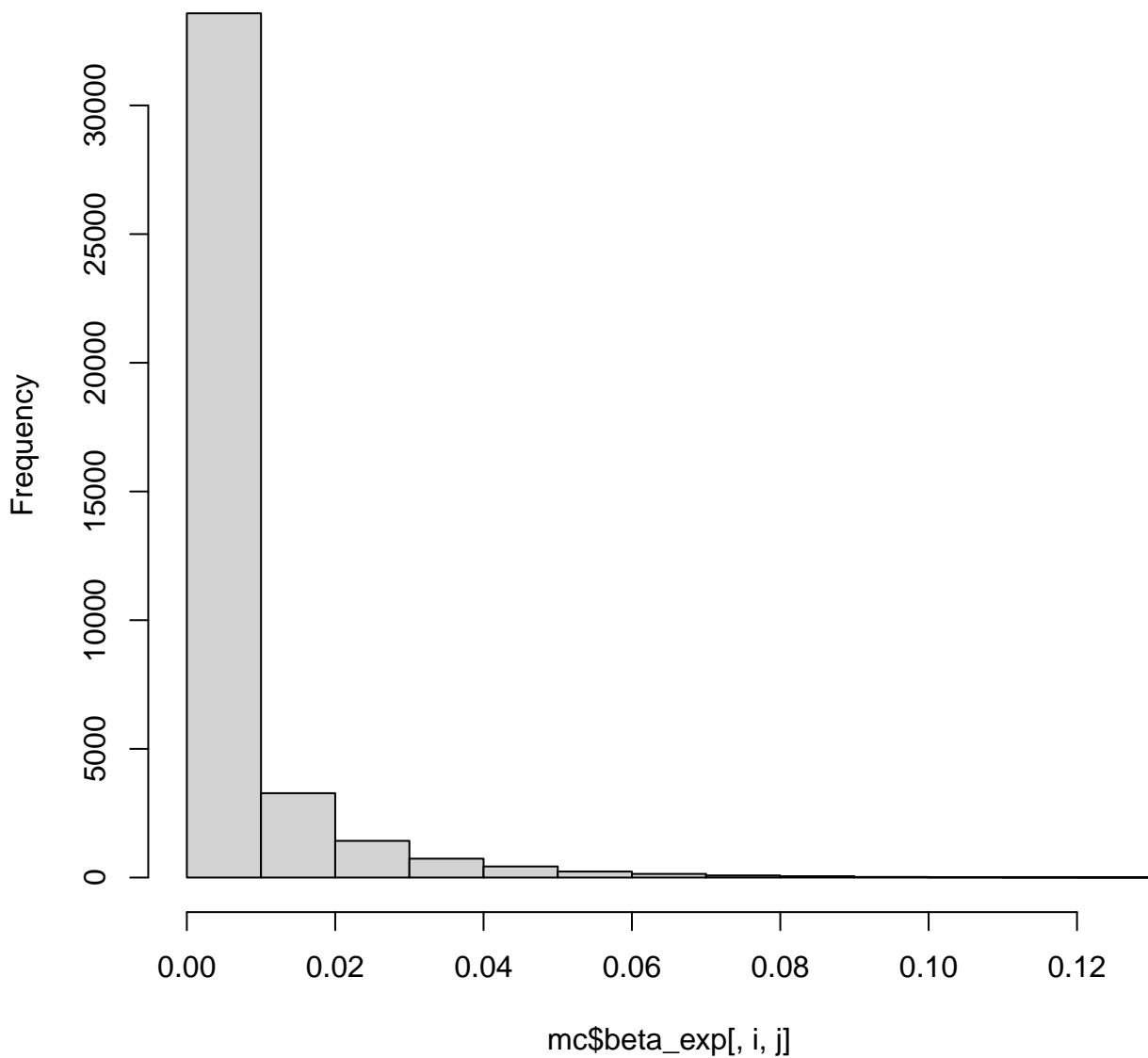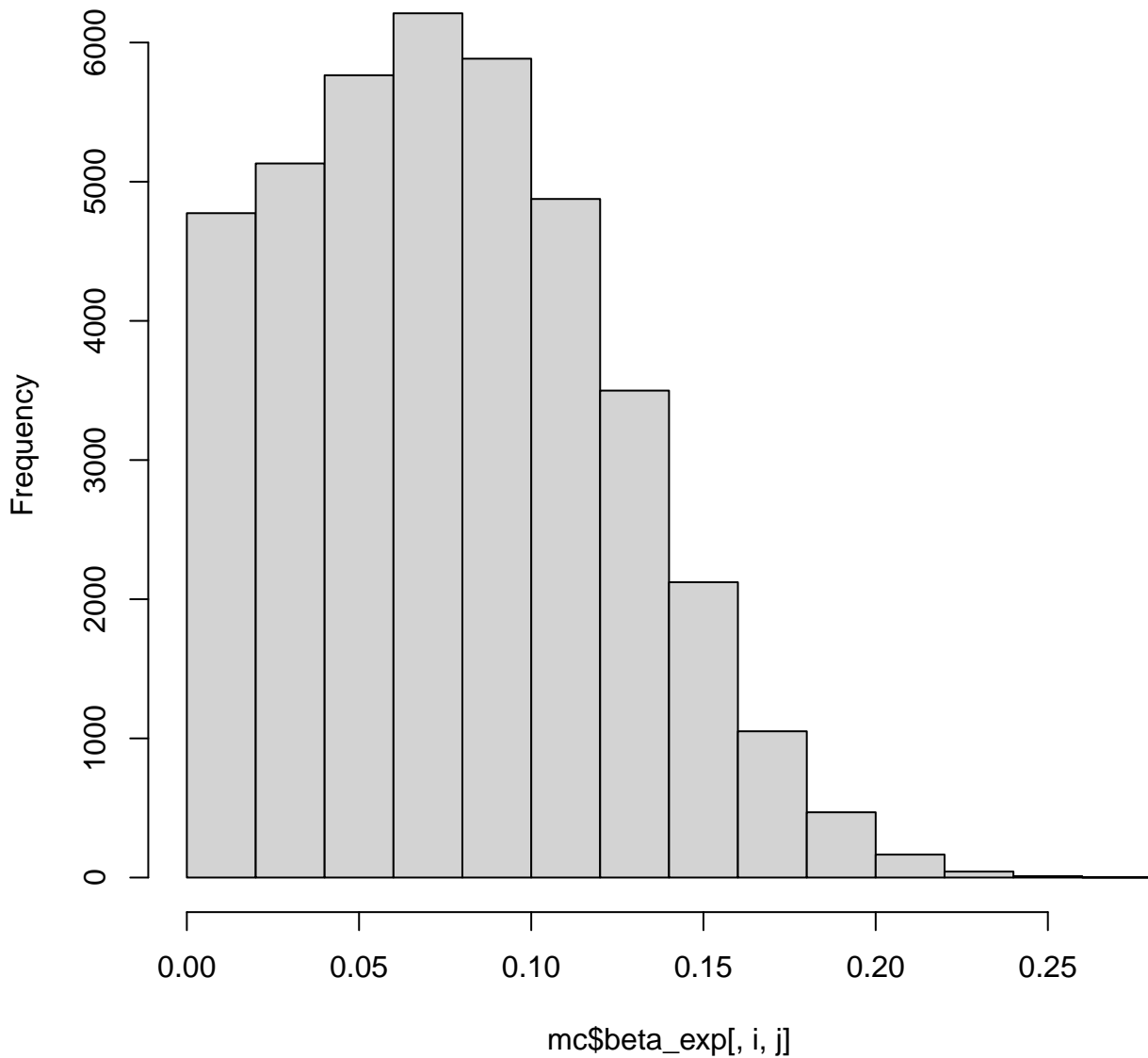
**Portland, OR: imp2**

**Portland, OR: imp3**
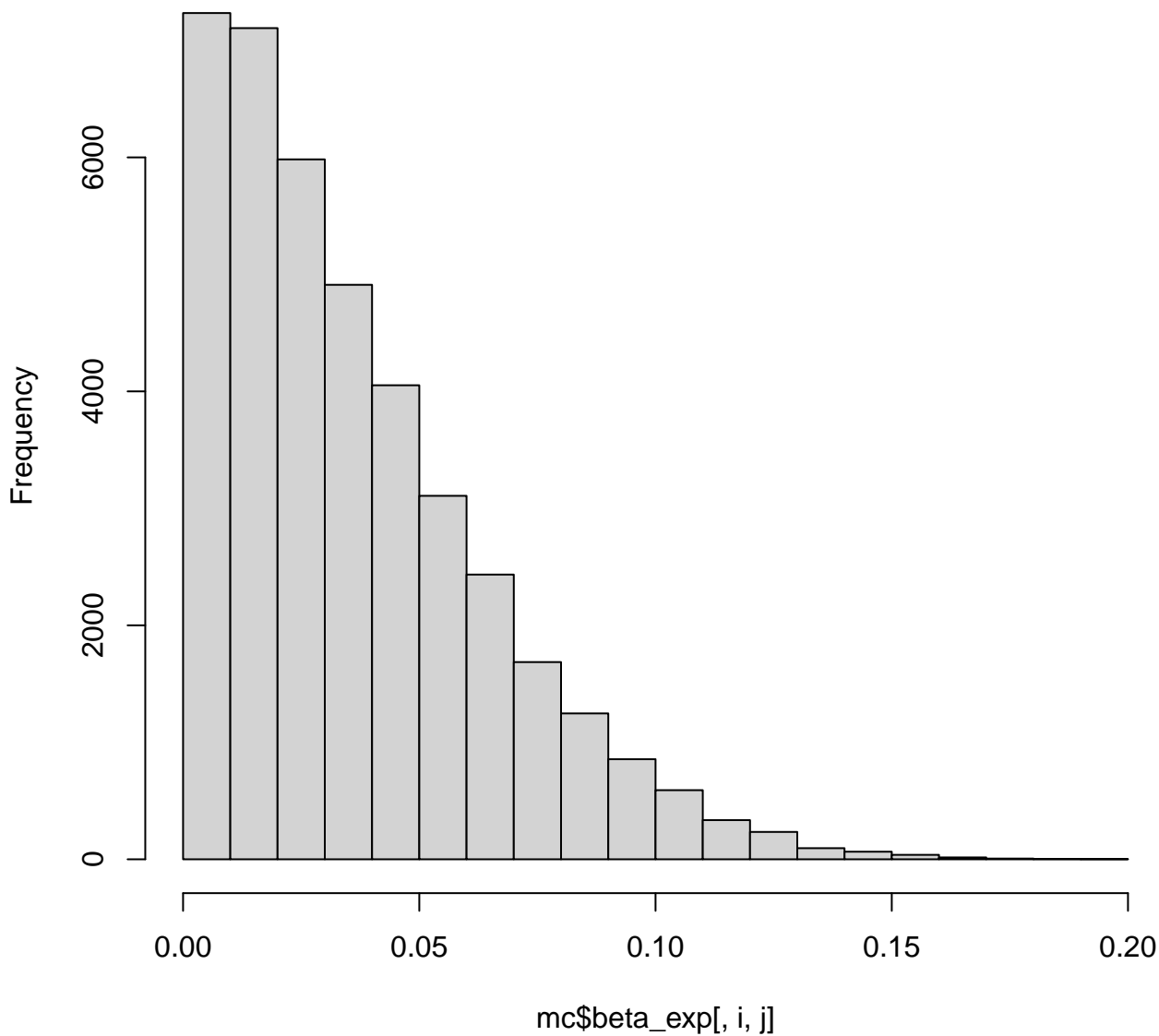
**Portland, OR: gent**

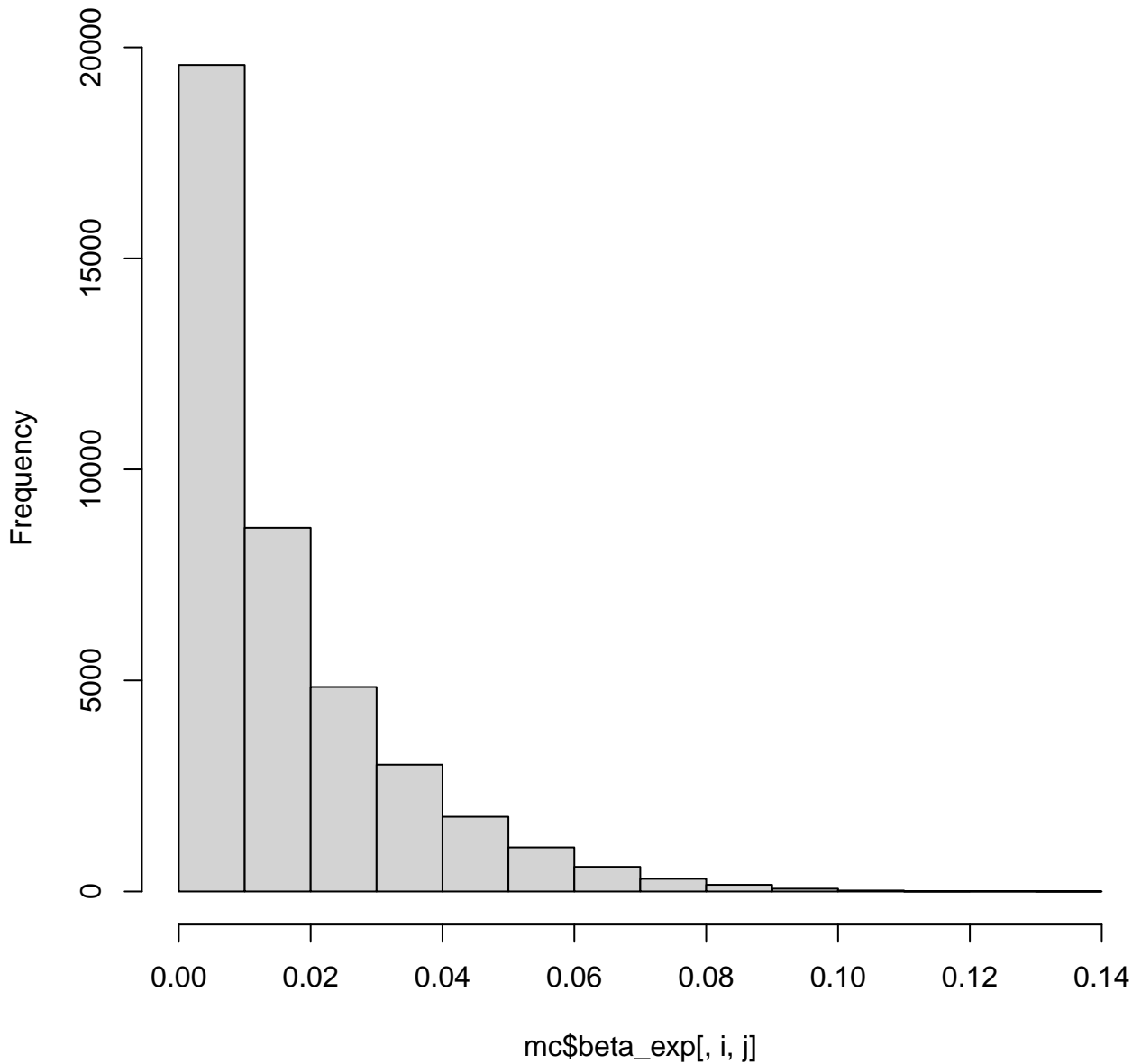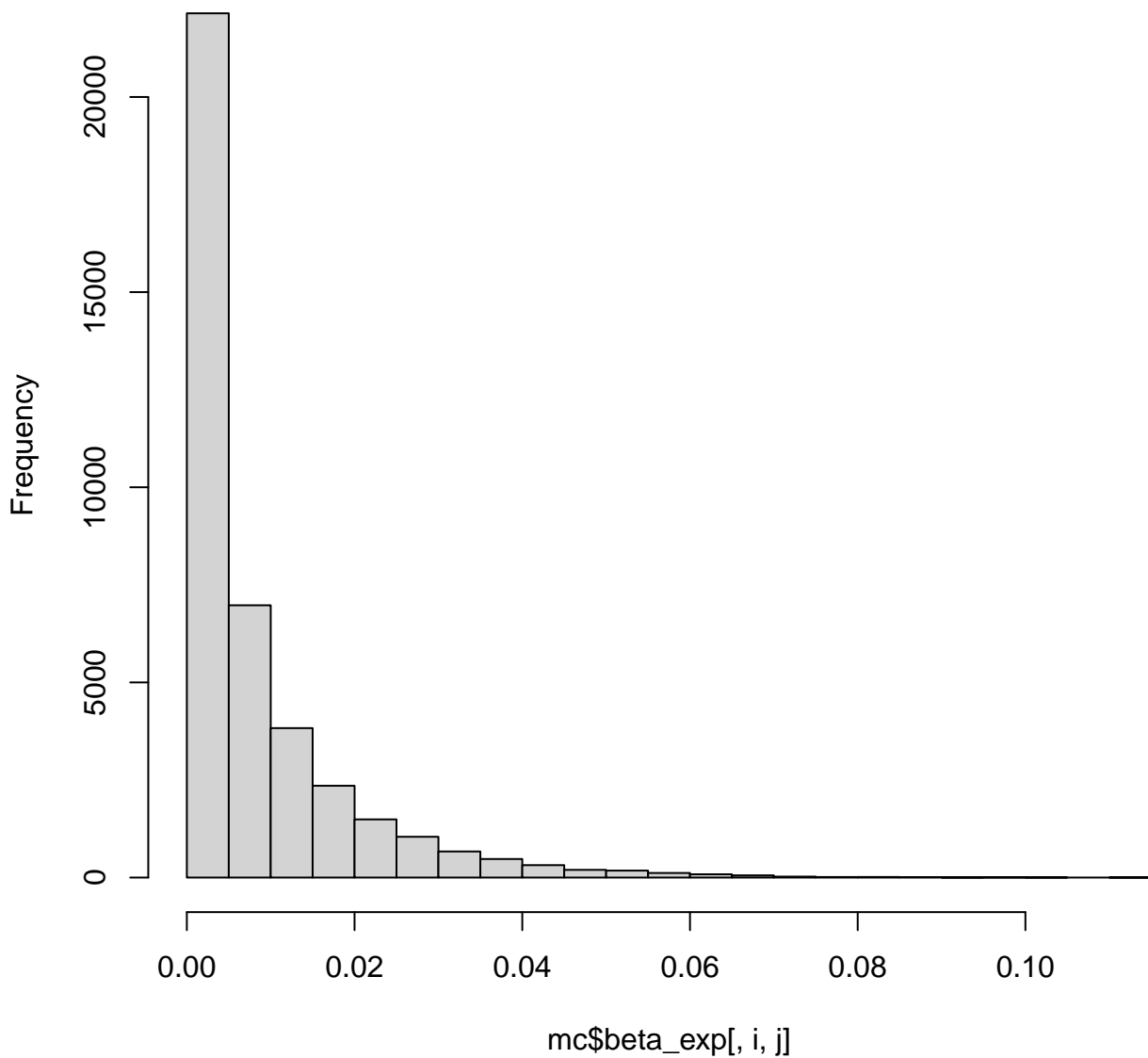# Rochester, NY: intercept



Frequency

mc$beta_exp[, i, j]
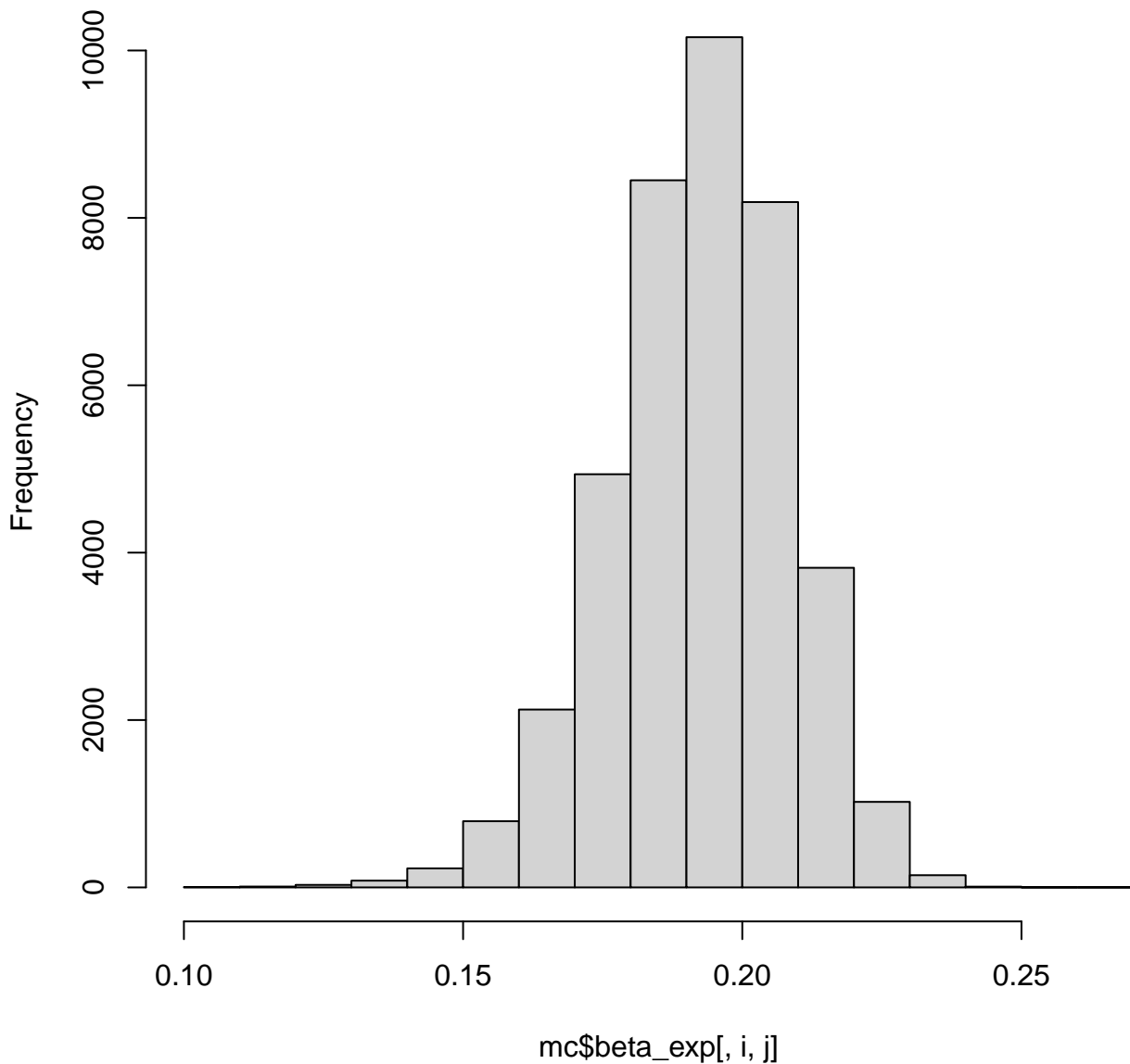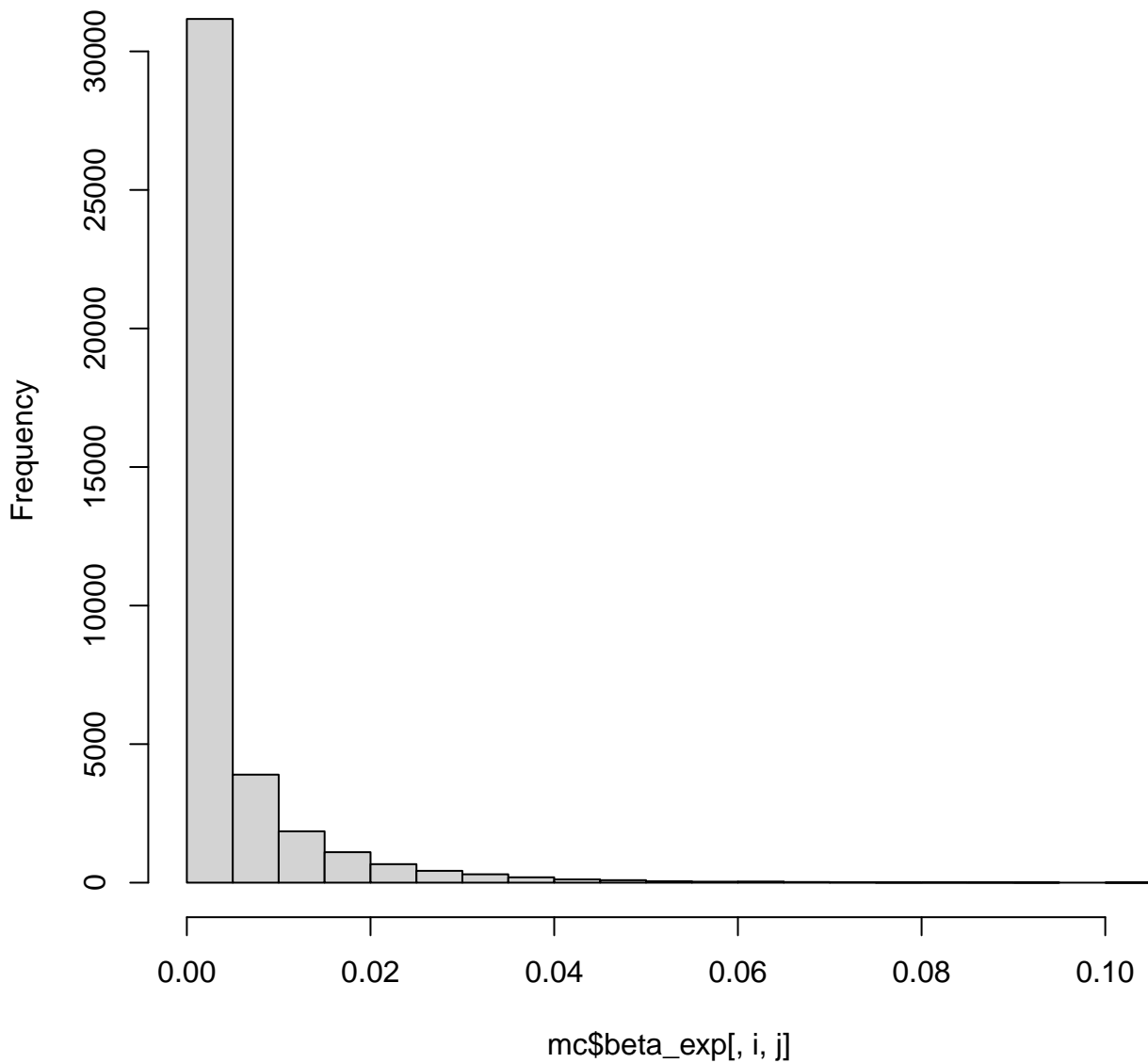
**Rochester, NY: geo1**

**Rochester, NY: geo2**

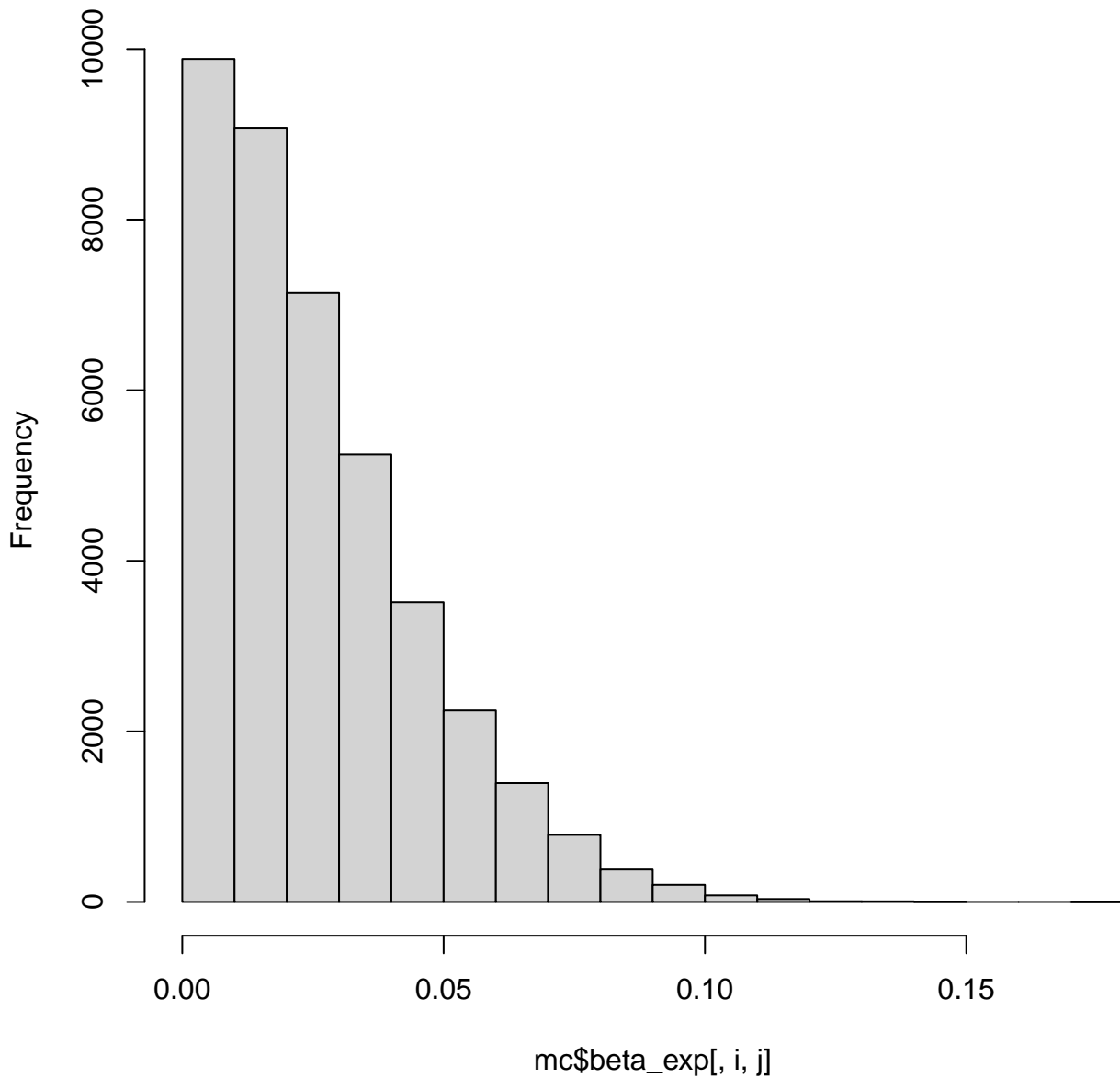**Rochester, NY: geo3**

Frequency

mc$beta_exp[, i, j]
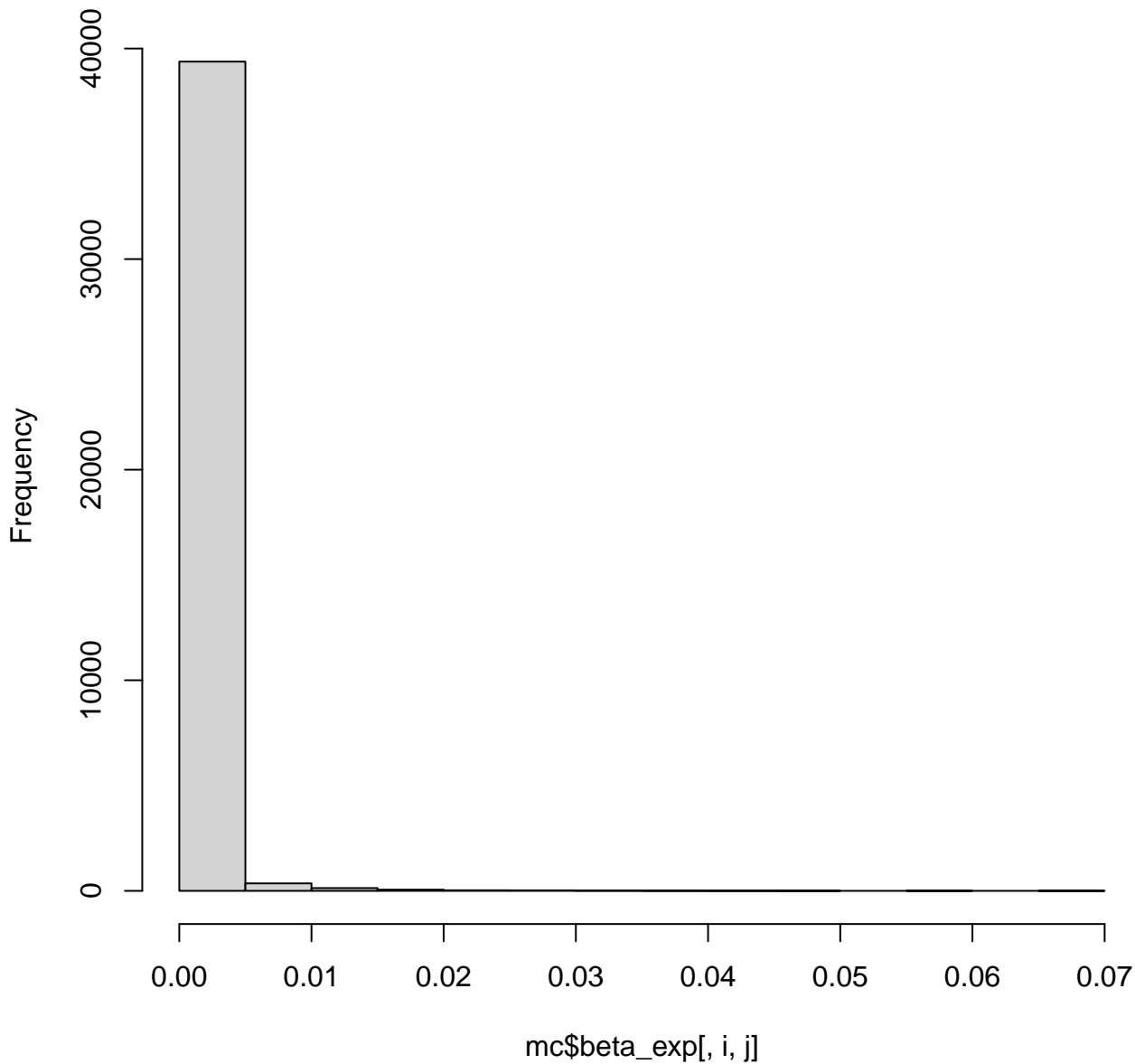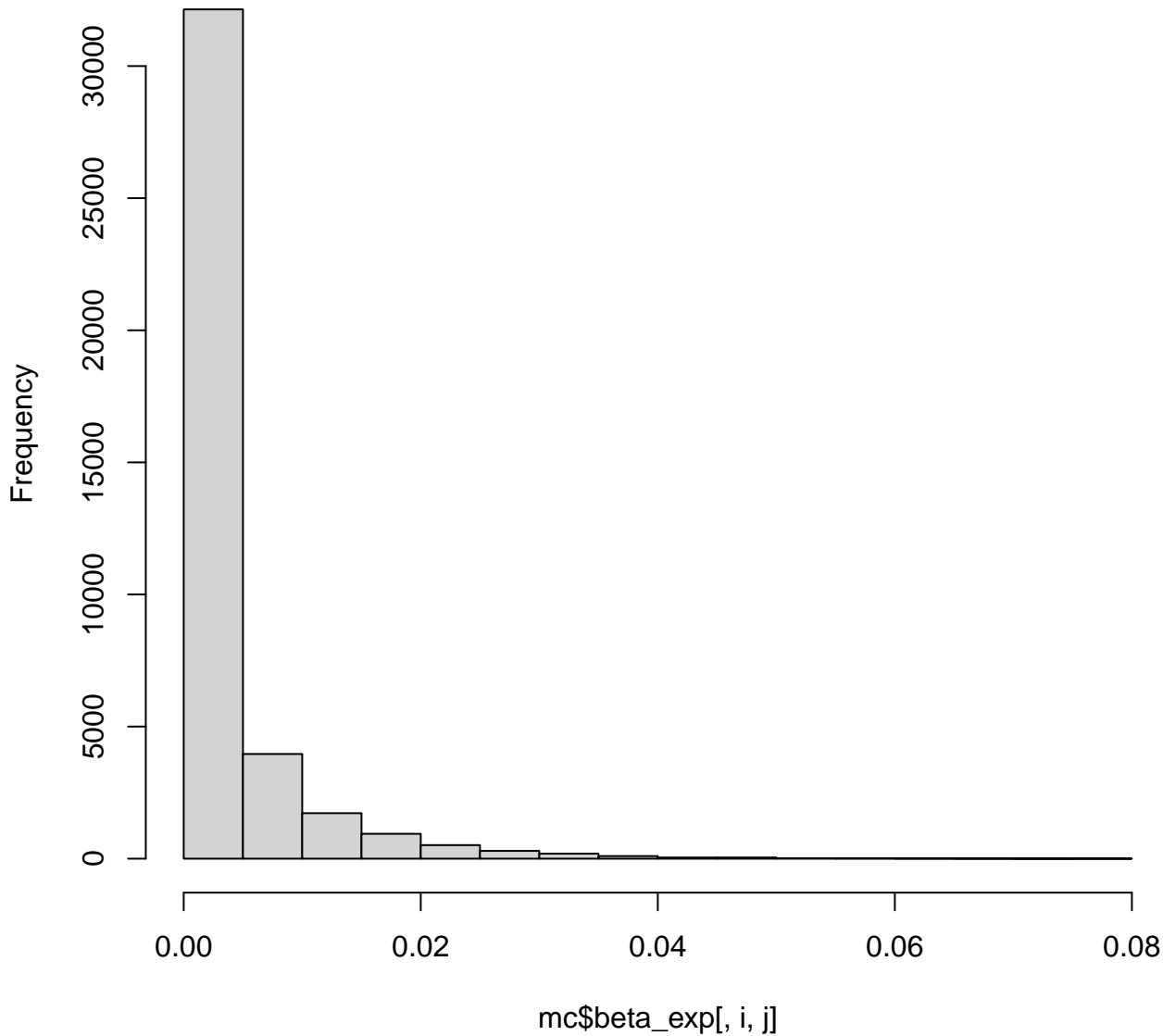
# Rochester, NY: imp1

**Rochester, NY: imp2**
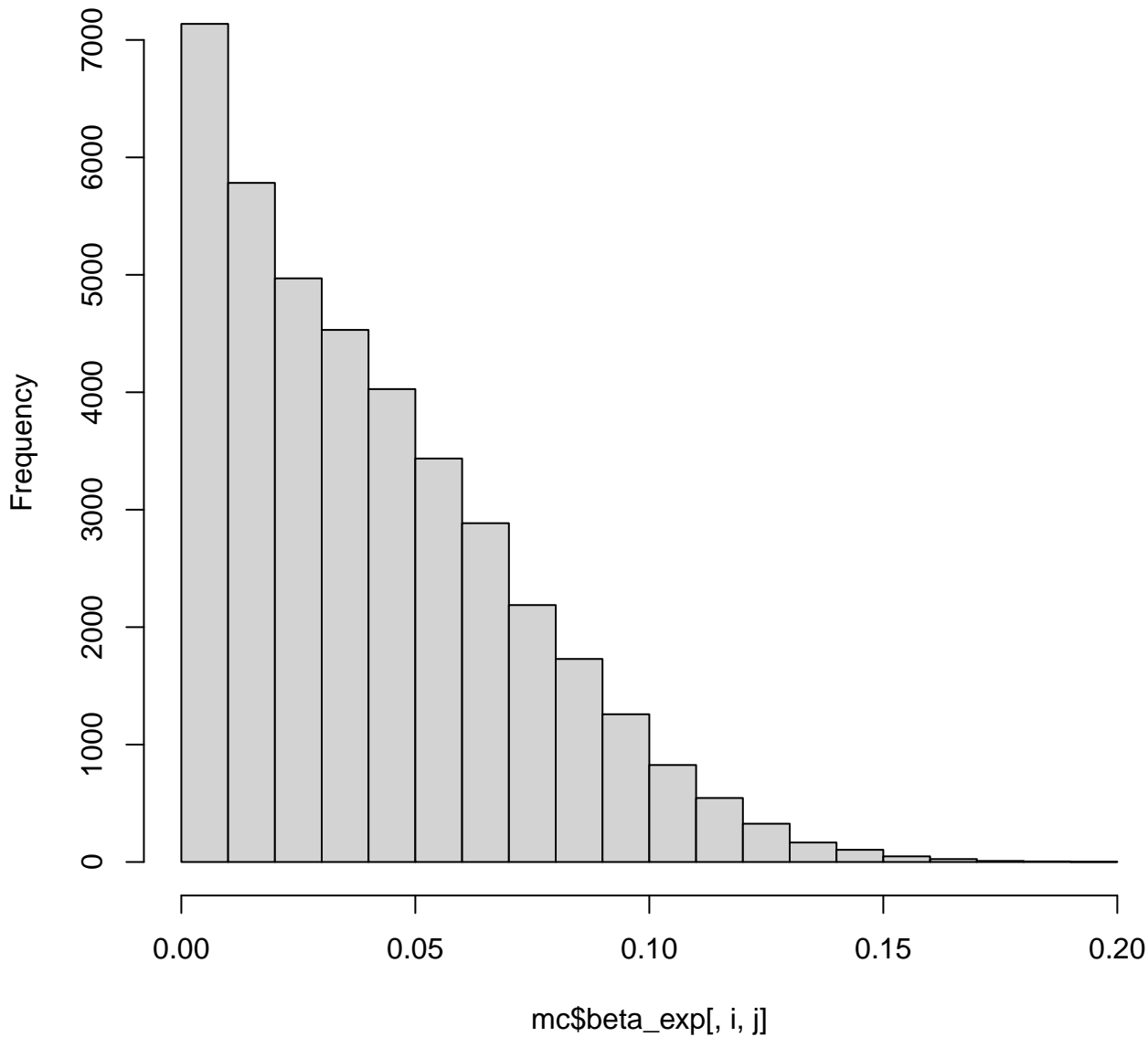
**Rochester, NY: imp3**
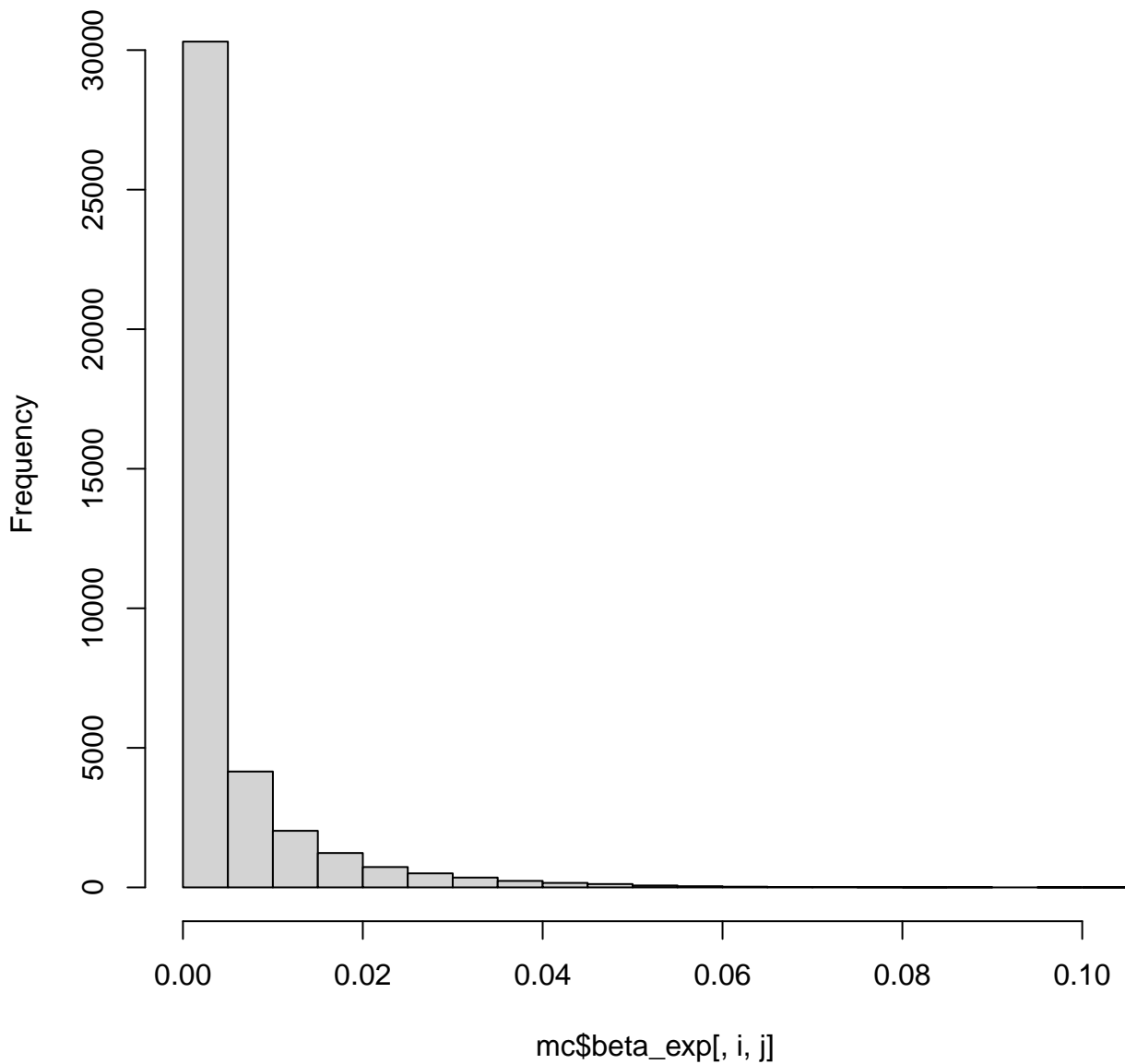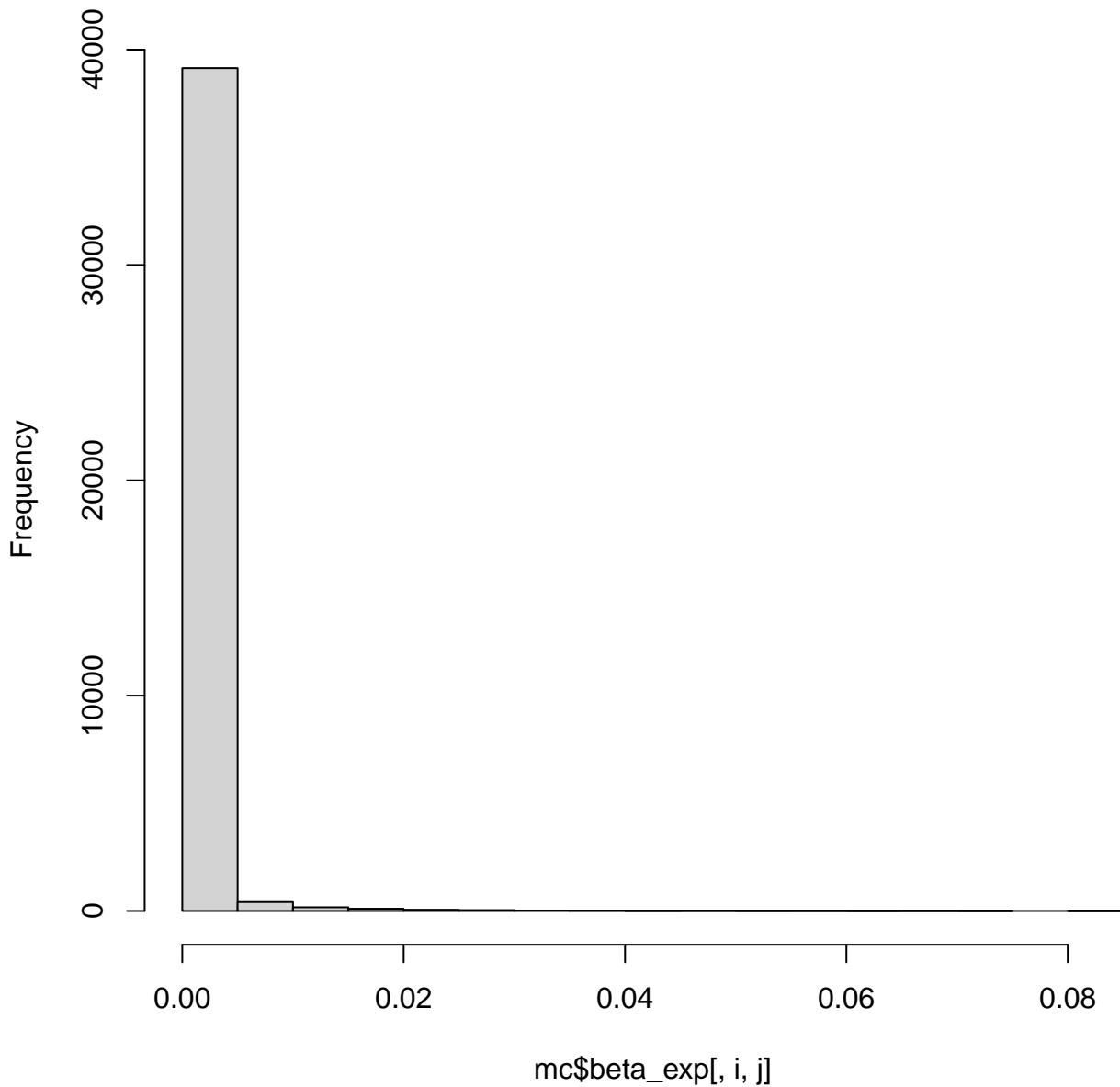
**Rochester, NY: gent**

Frequency

mc$beta_exp[, i, j]
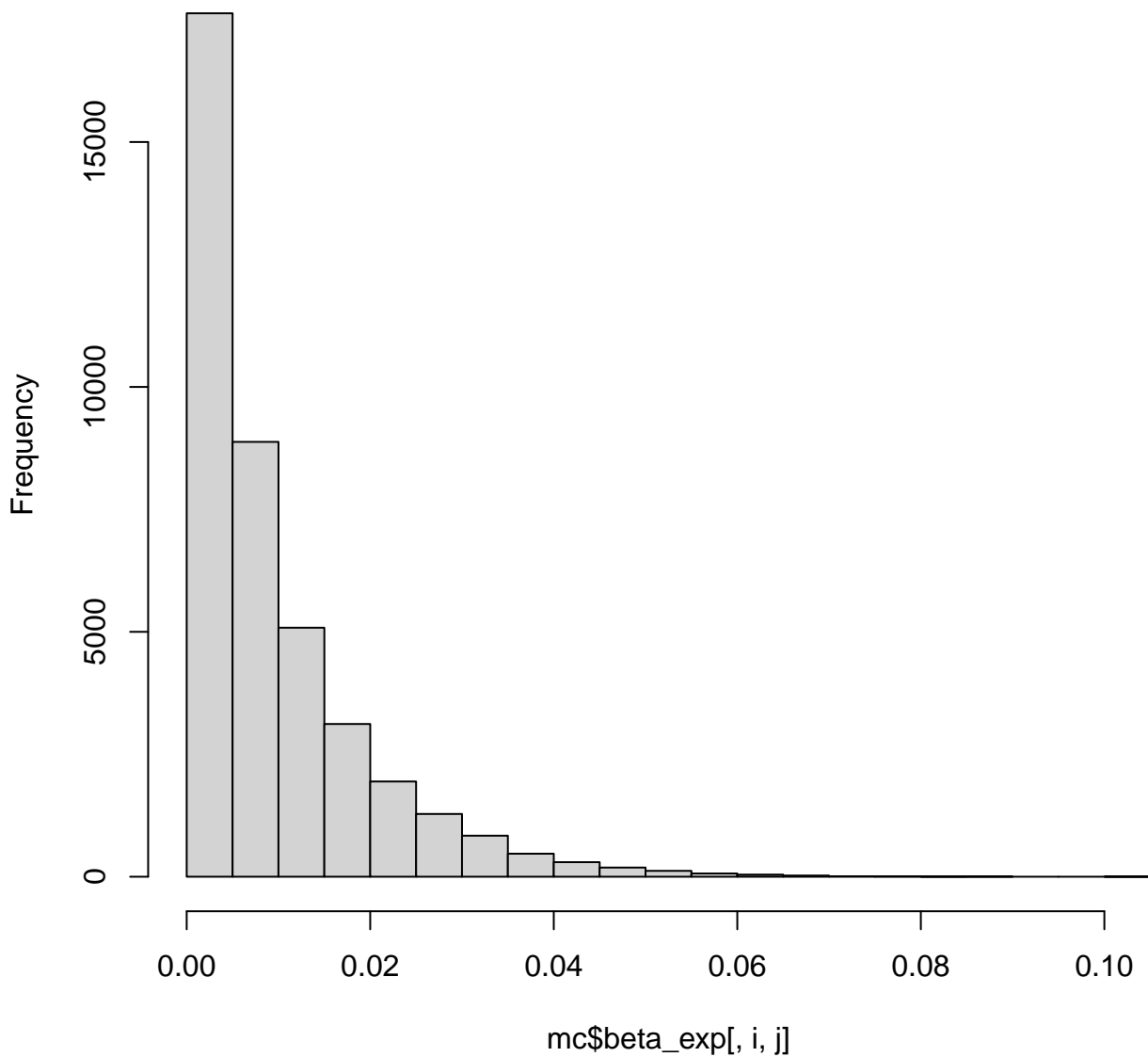
**Sanford, FL: intercept**

Frequency

mc$beta_exp[, i, j]
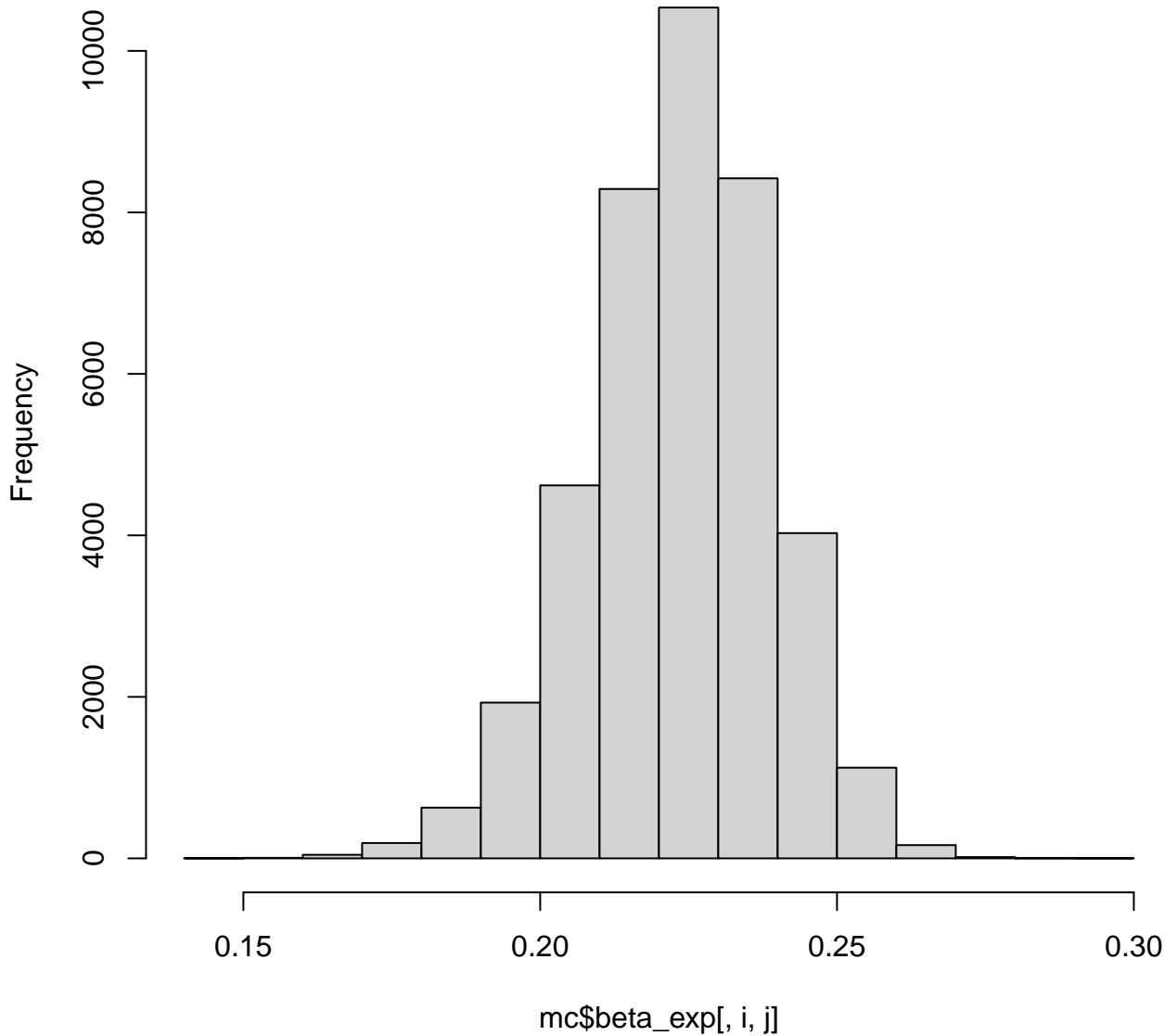
**Sanford, FL: geo1**

**Sanford, FL: geo2**

Frequency

mc$beta_exp[, i, j]

**Sanford, FL: geo3**

Frequency

mc$beta_exp[, i, j]
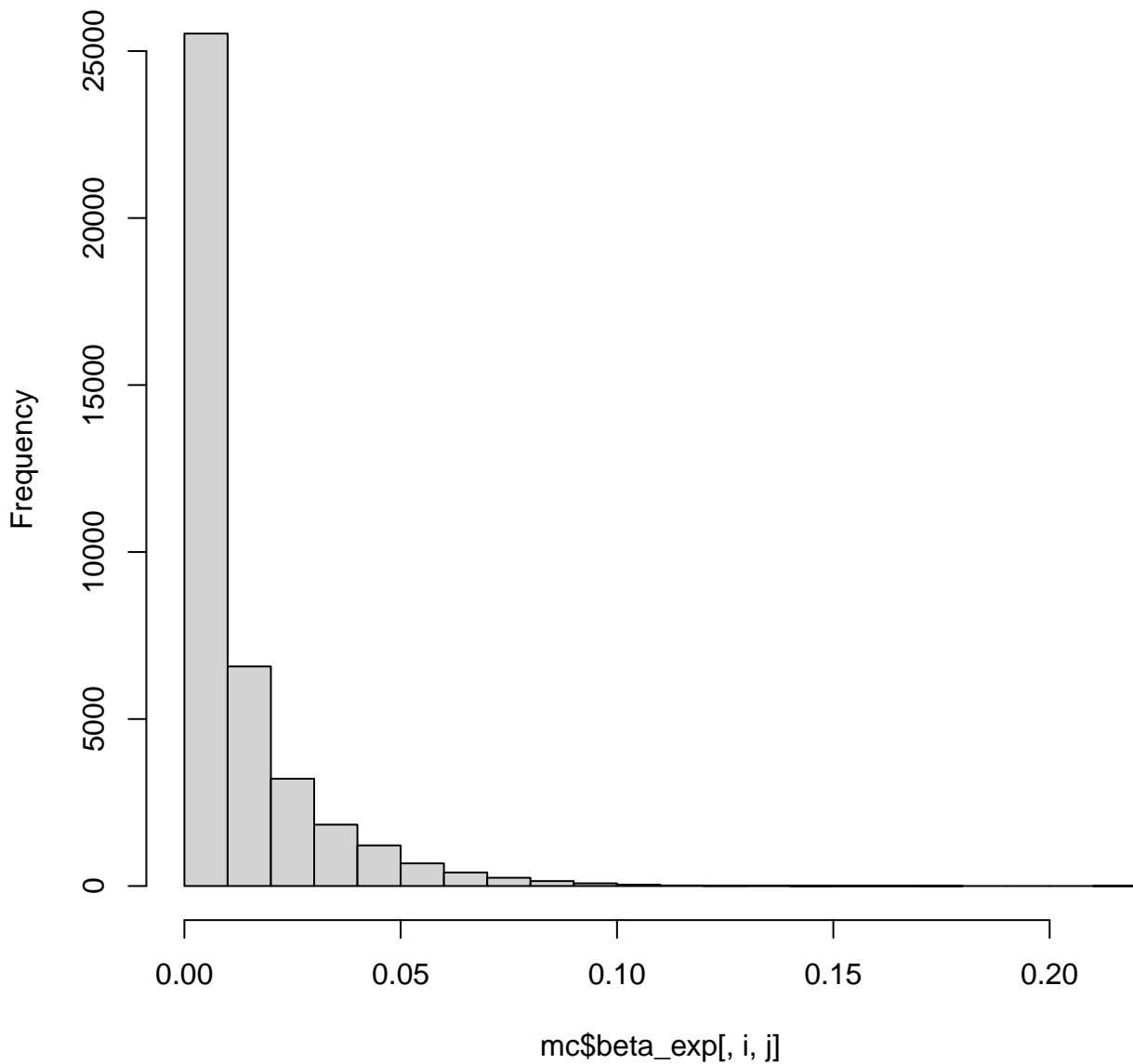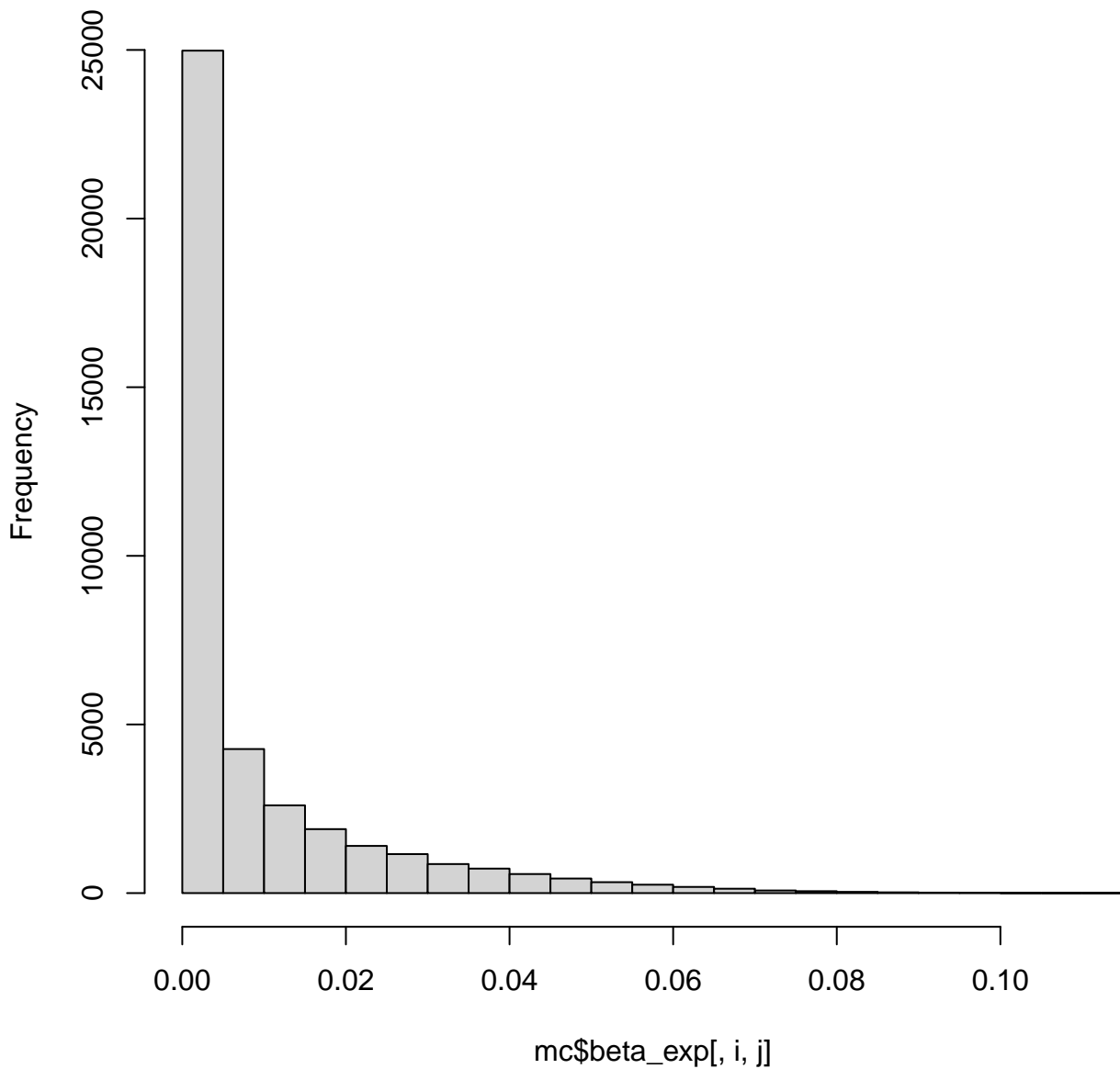
**Sanford, FL: imp1**

**Sanford, FL: imp2**

**Sanford, FL: imp3**

Frequency

mc$beta_exp[, i, j]
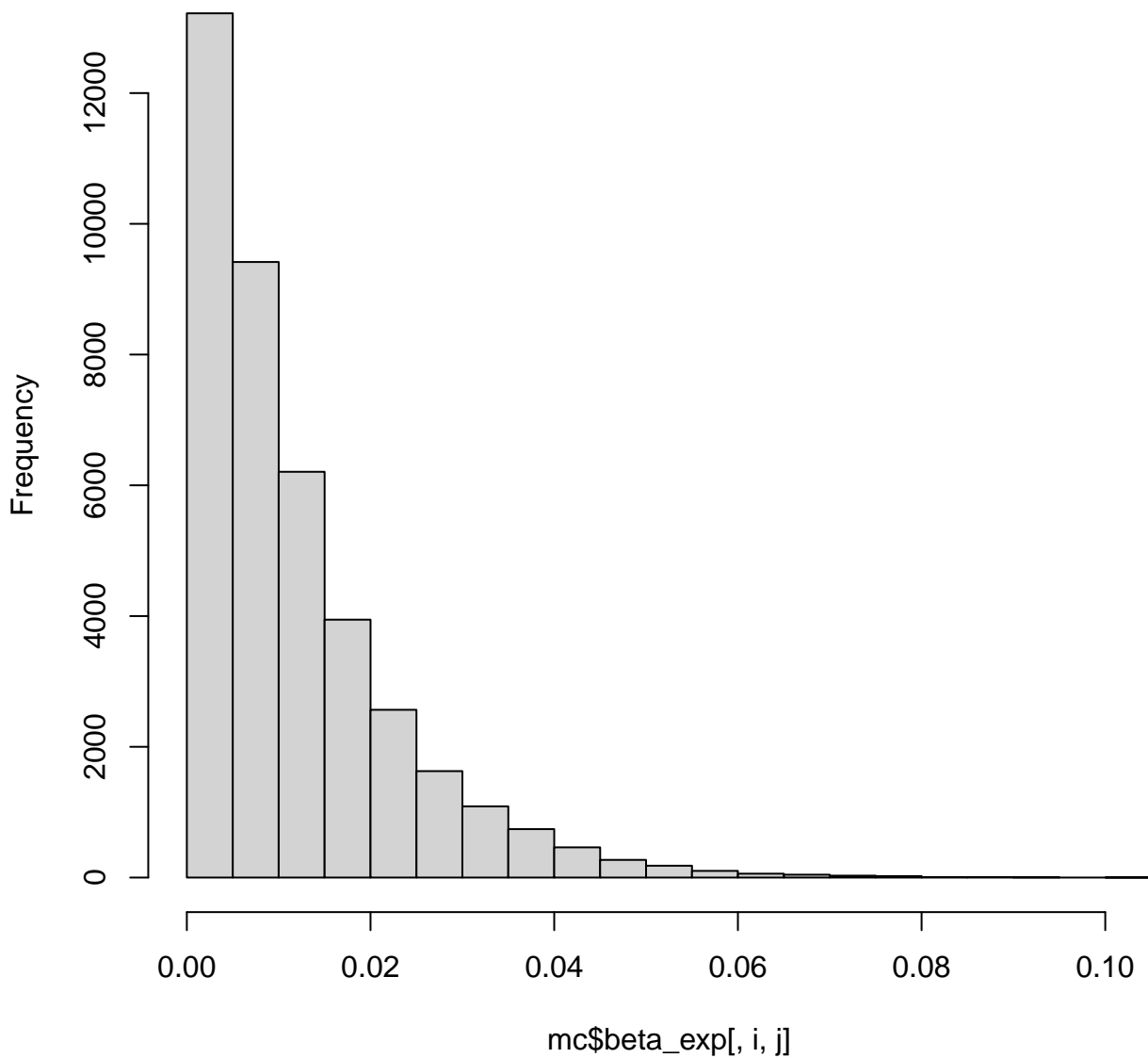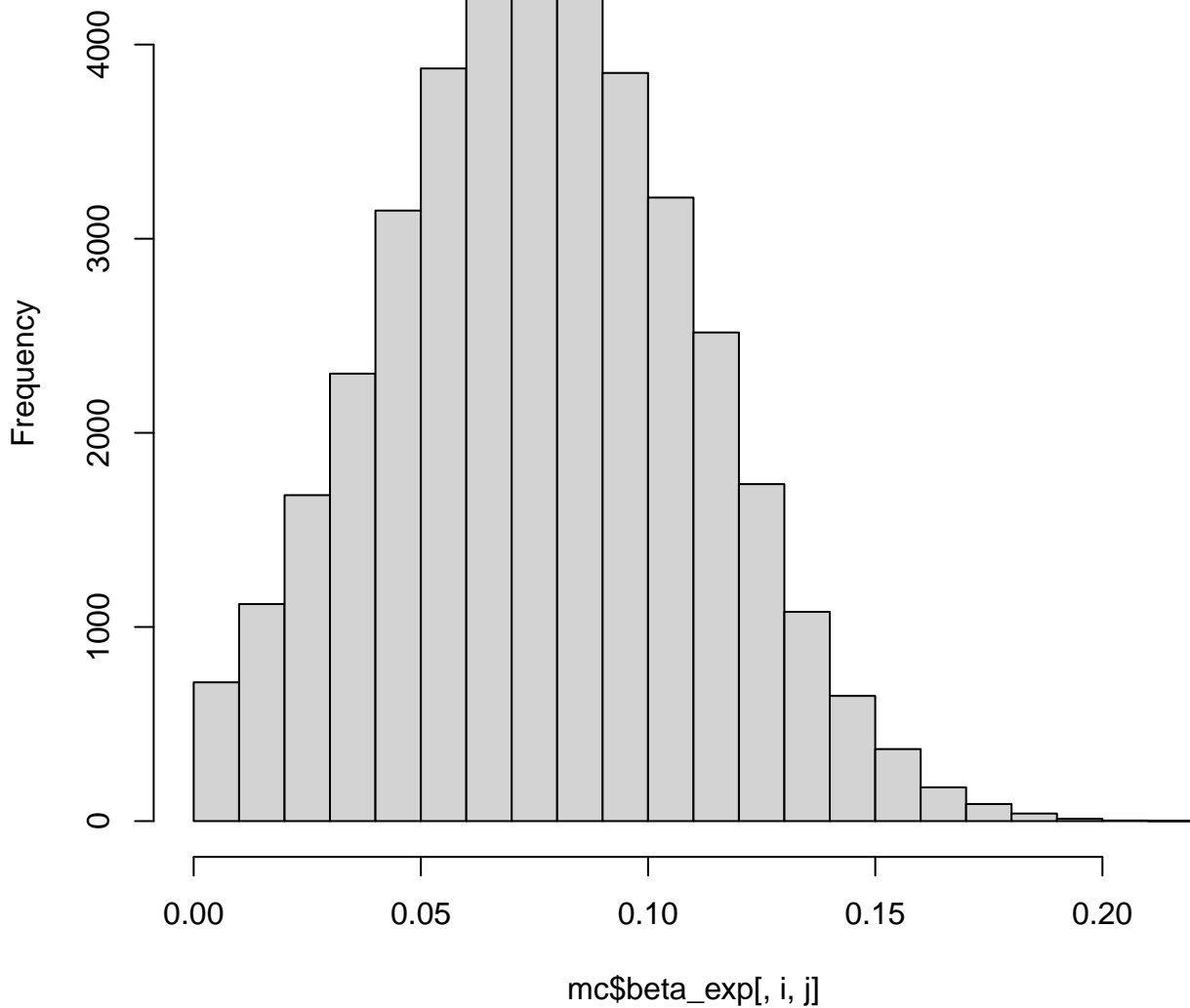
**Sanford, FL: gent**
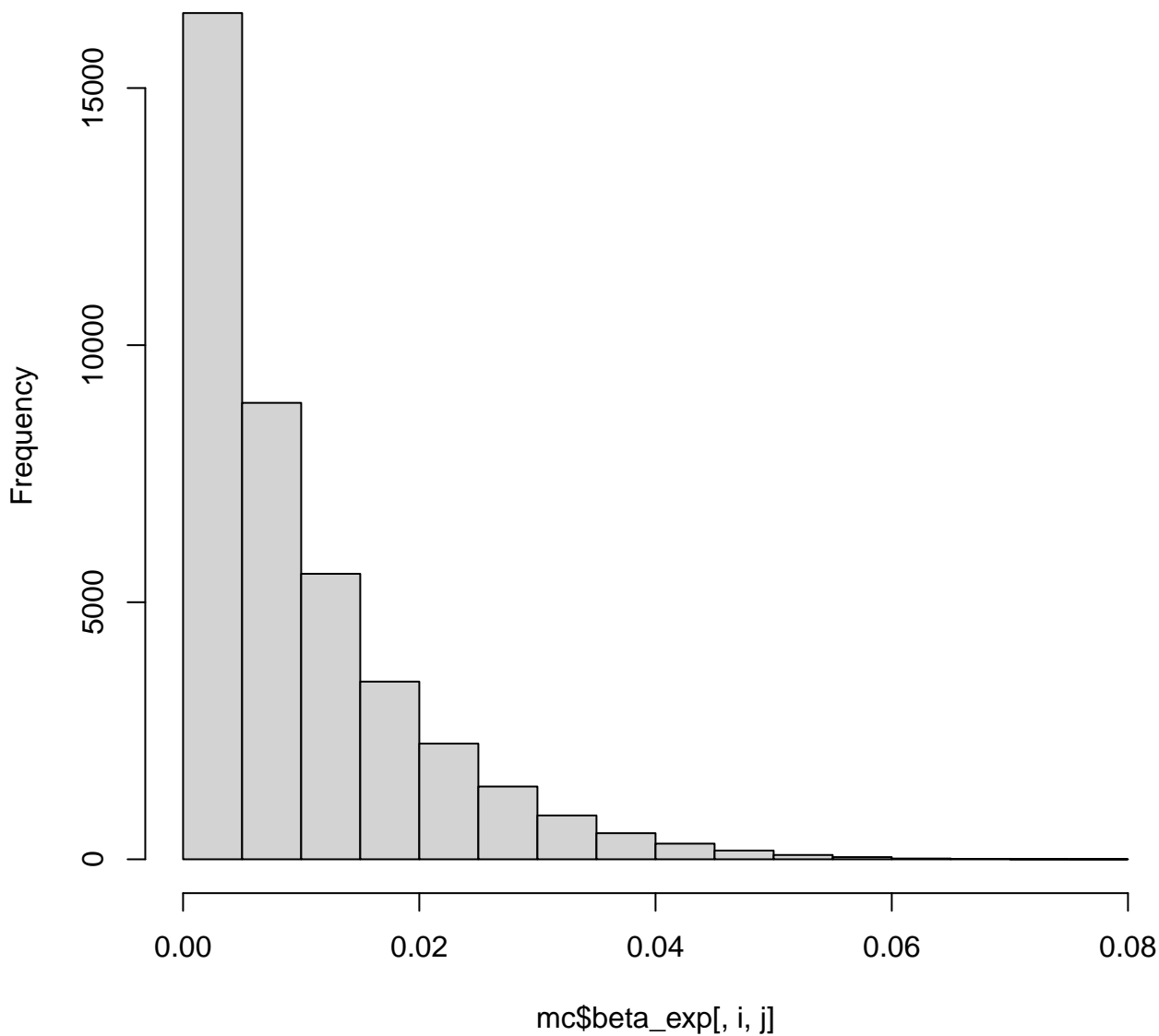
**Salt Lake City, UT: intercept**

Frequency

mc$beta_exp[, i, j]

**Salt Lake City, UT: geo1**

Frequency

mc$beta_exp[, i, j]
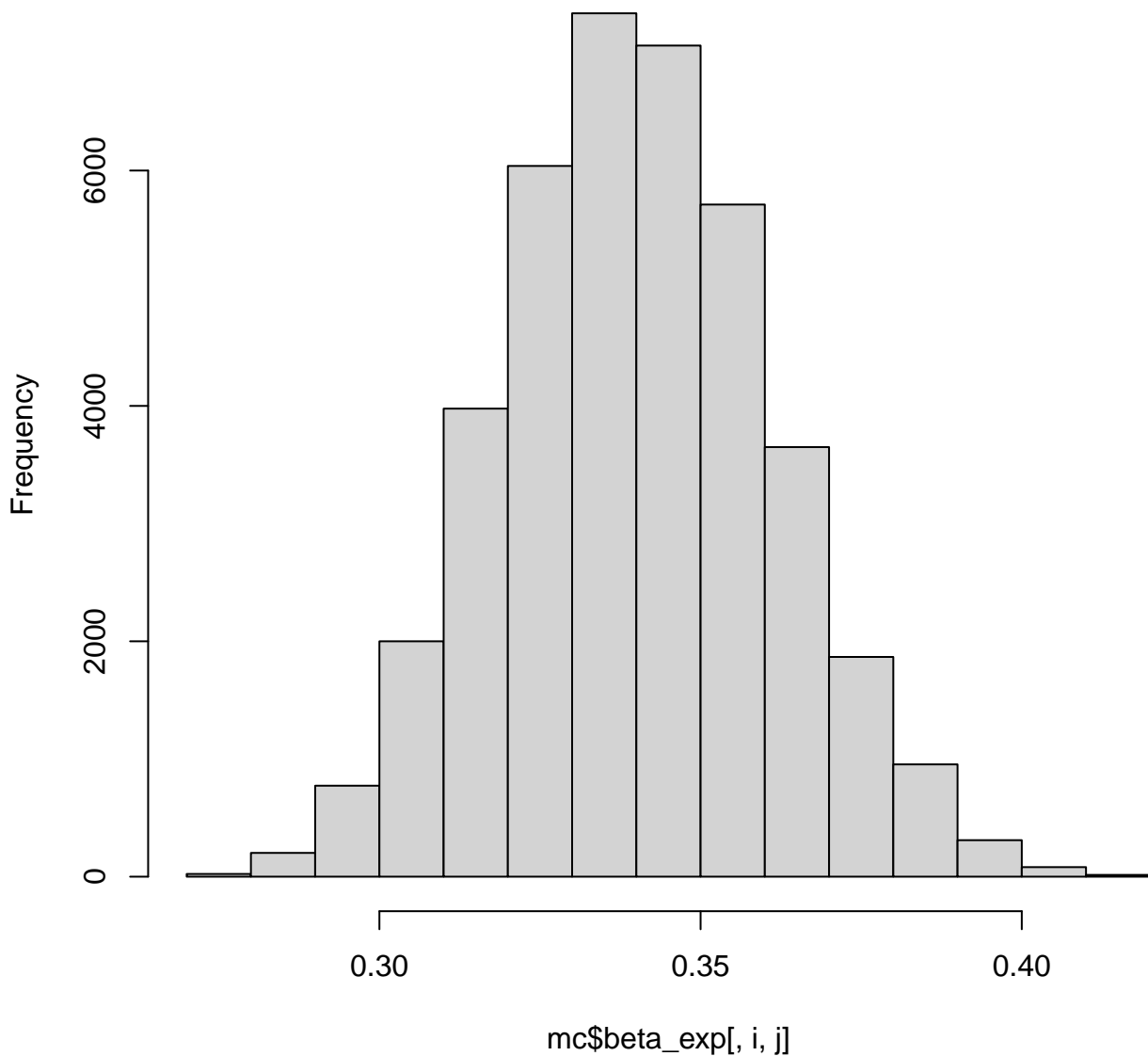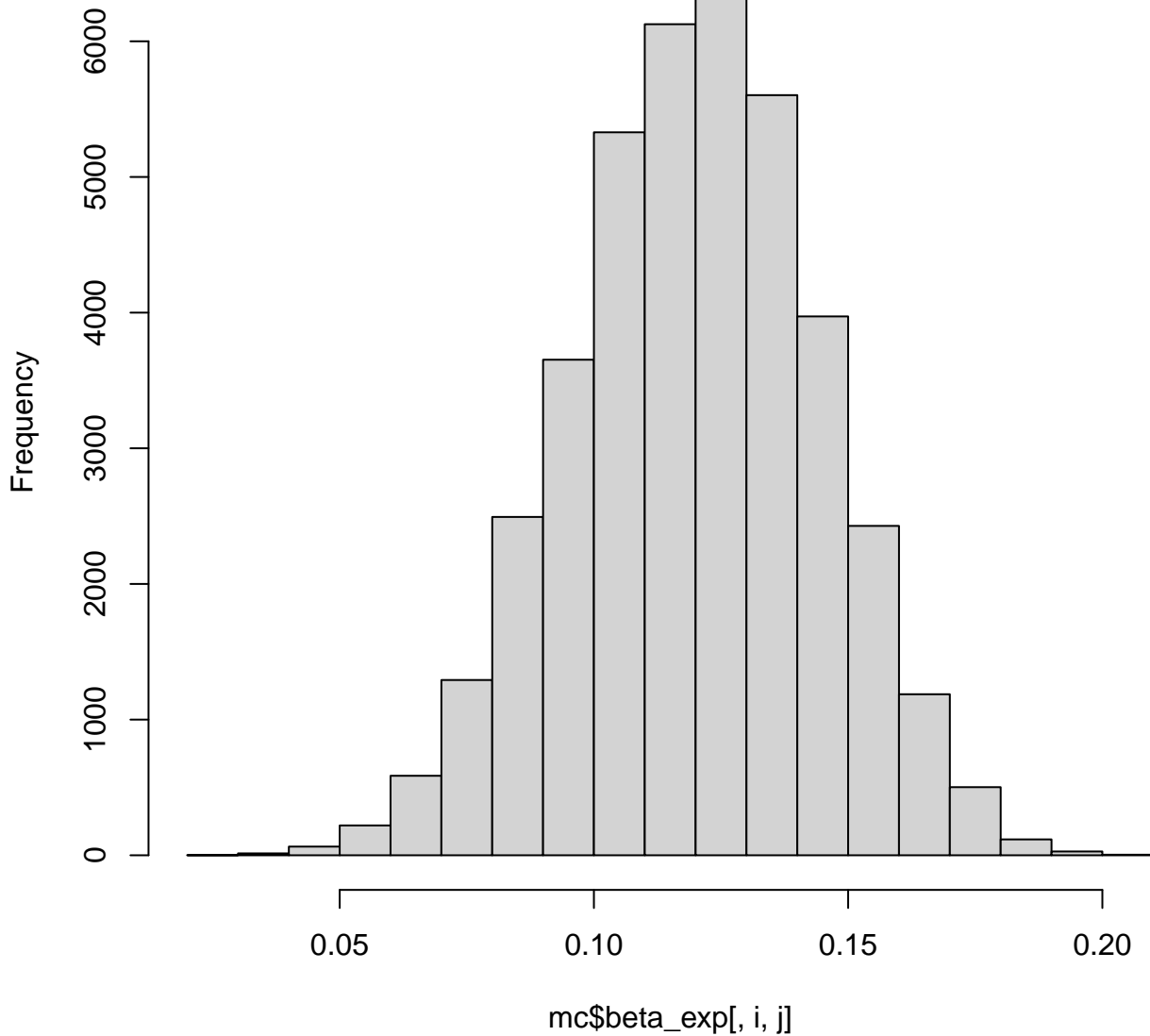
# Salt Lake City, UT: geo2



Frequency

mc$beta_exp[, i, j]
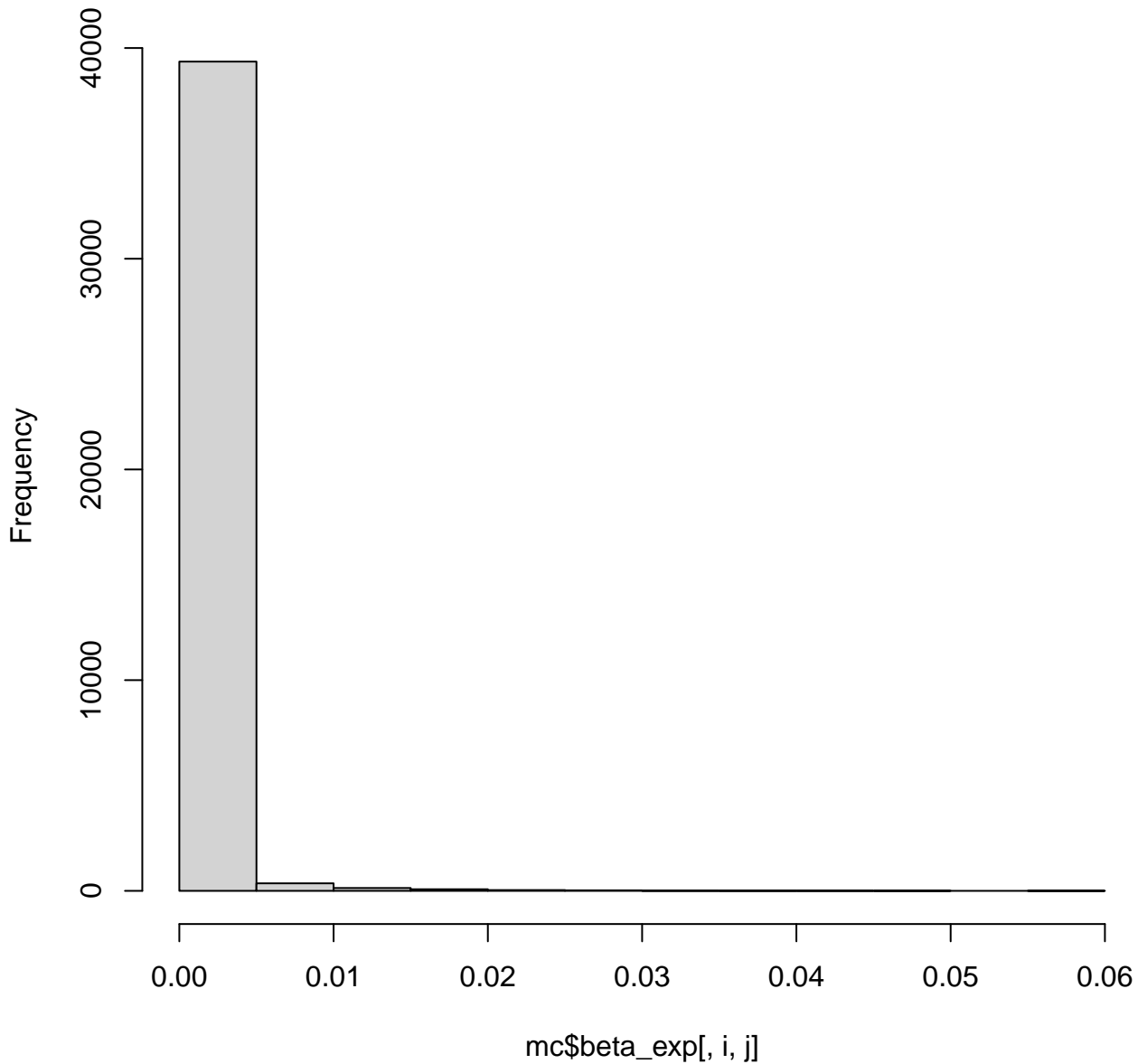
**Salt Lake City, UT: geo3**
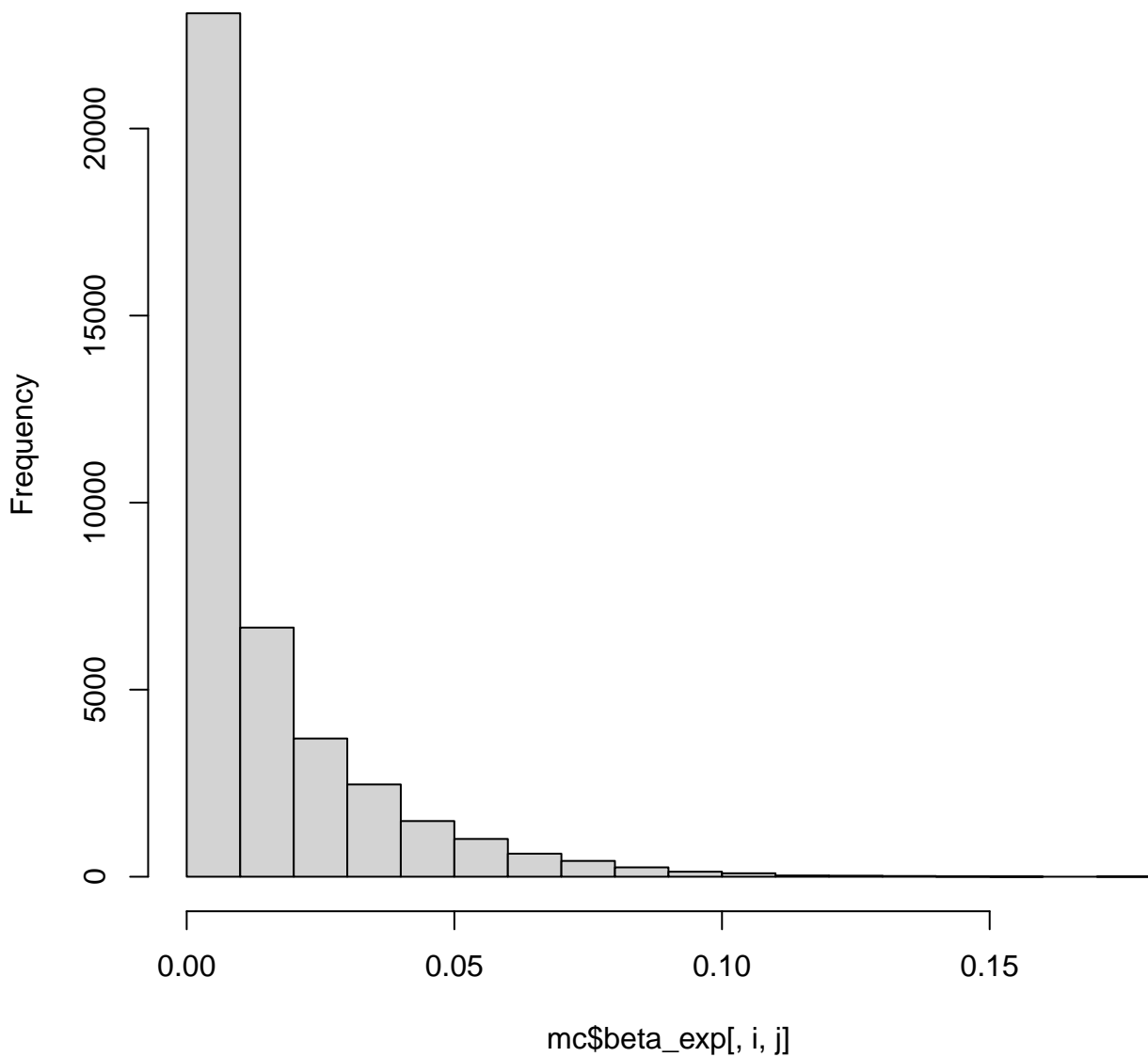
**Salt Lake City, UT: imp1**

Frequency

mc$beta_exp[, i, j]
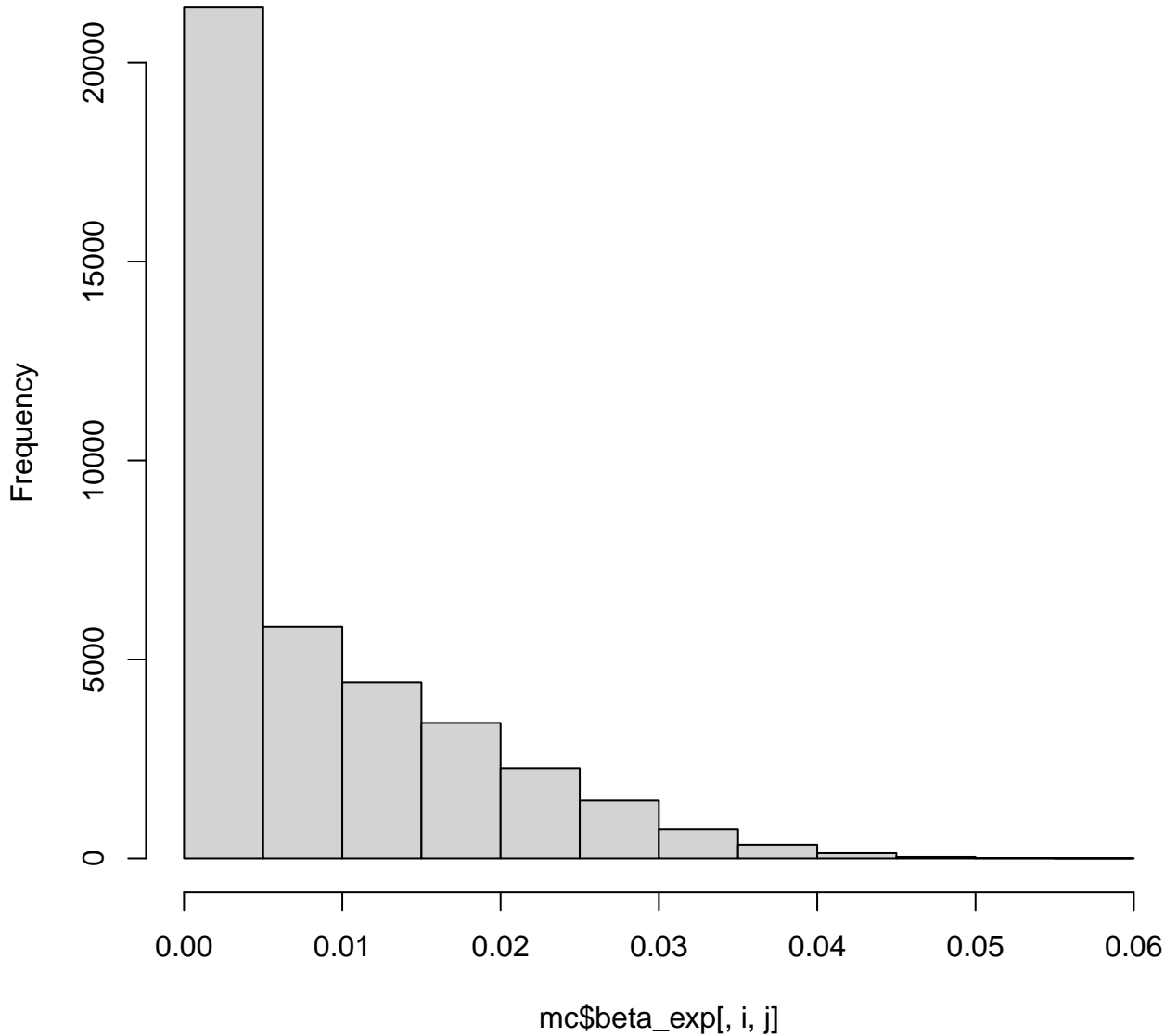
**Salt Lake City, UT: imp2**
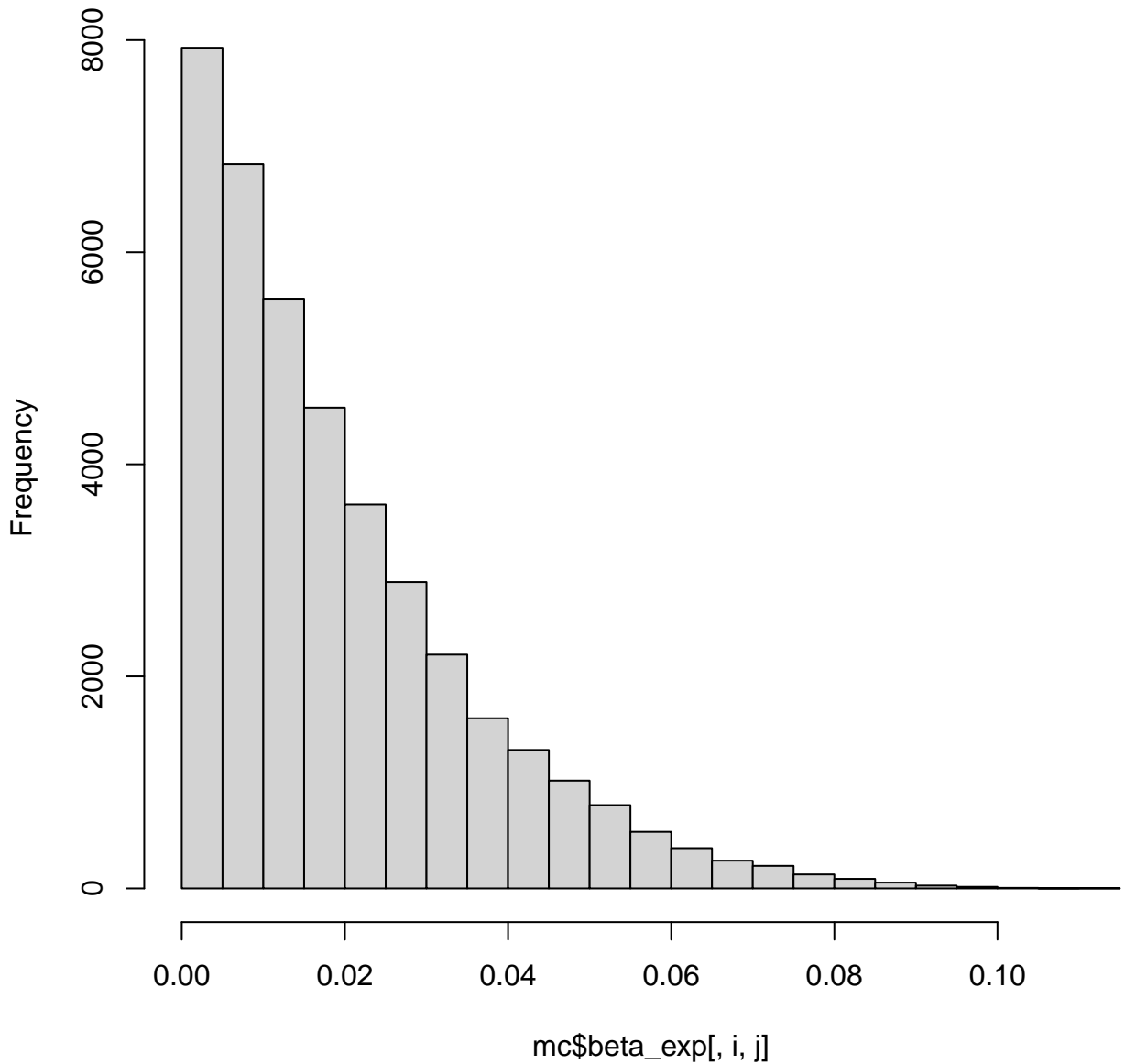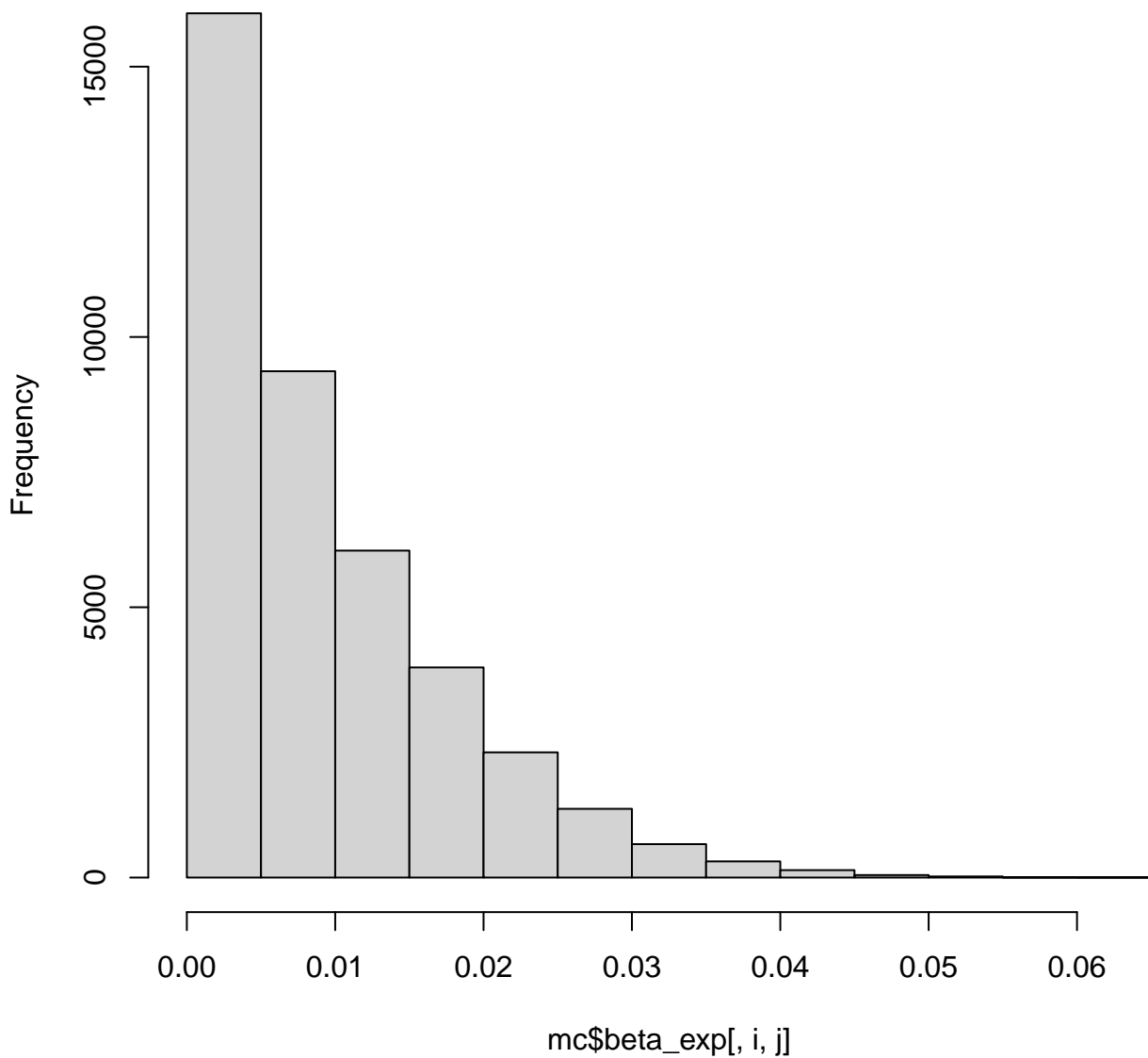
**Salt Lake City, UT: imp3**
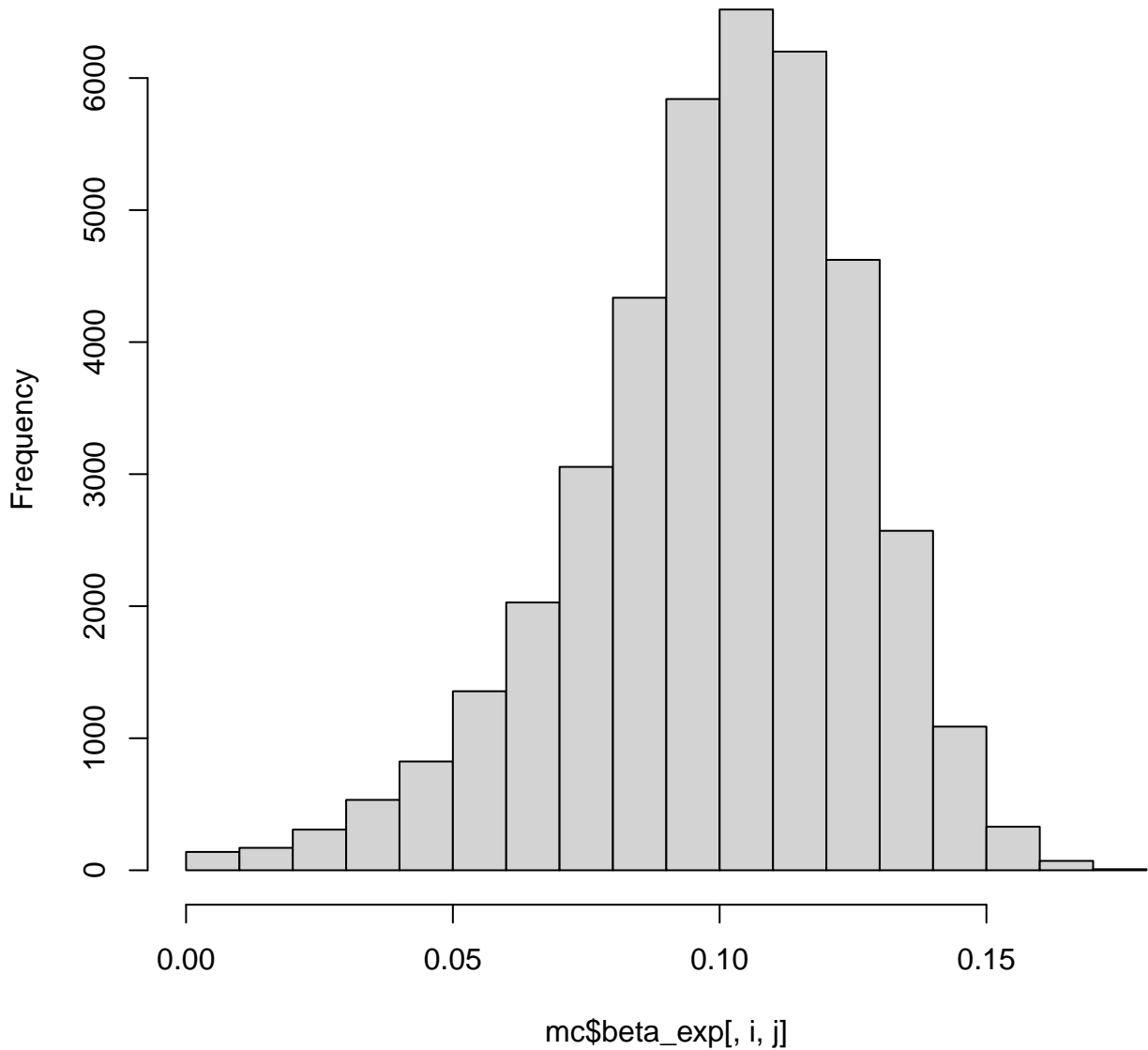
**Salt Lake City, UT: gent**

Frequency

mc$beta_exp[, i, j]

**Seattle, WA: intercept**
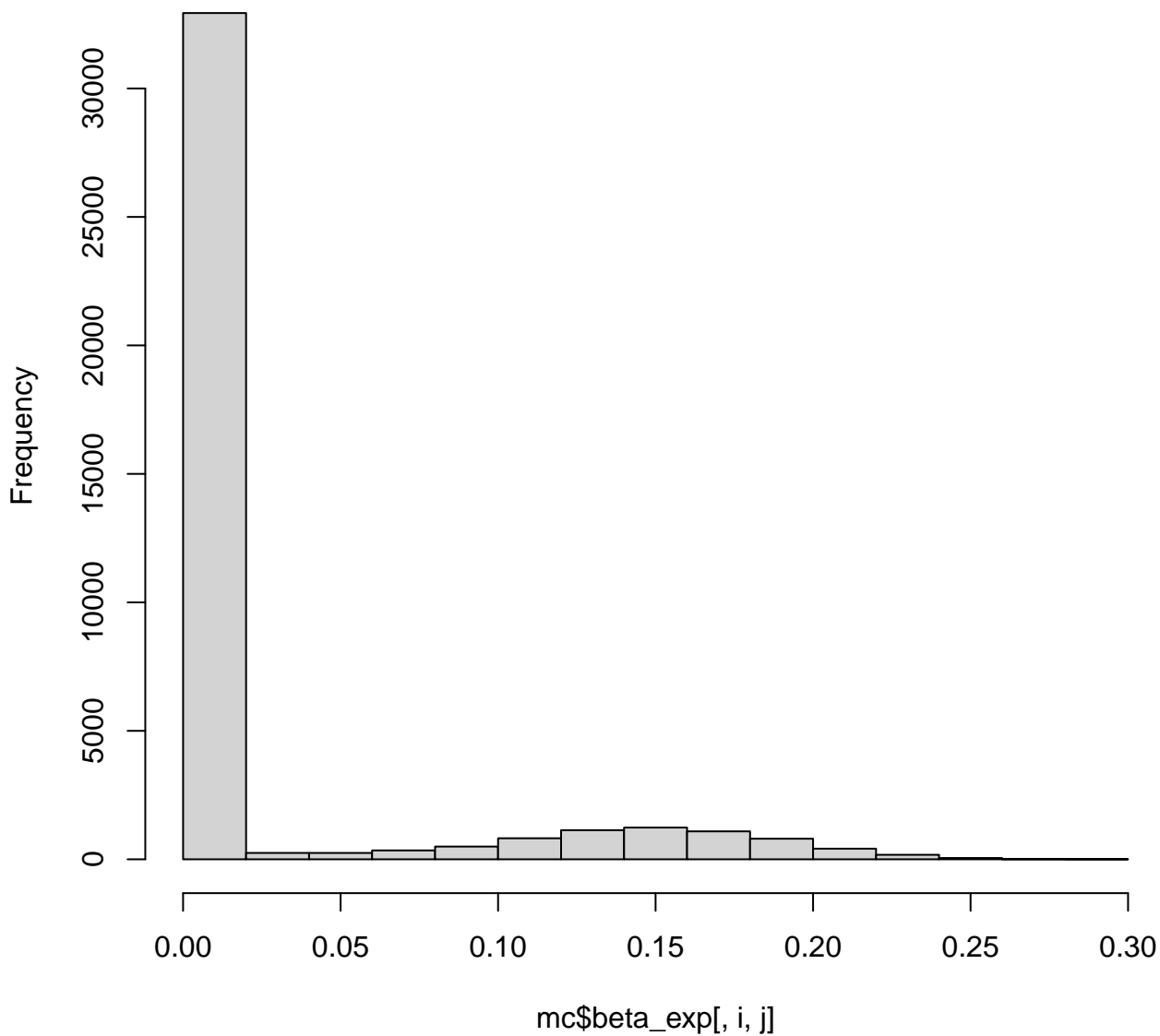
Frequency

mc$beta_exp[, i, j]

# Seattle, WA: geo1



Frequency vs mc$beta_exp[, i, j]

**Seattle, WA: geo2**

Frequency

mc$beta_exp[, i, j]
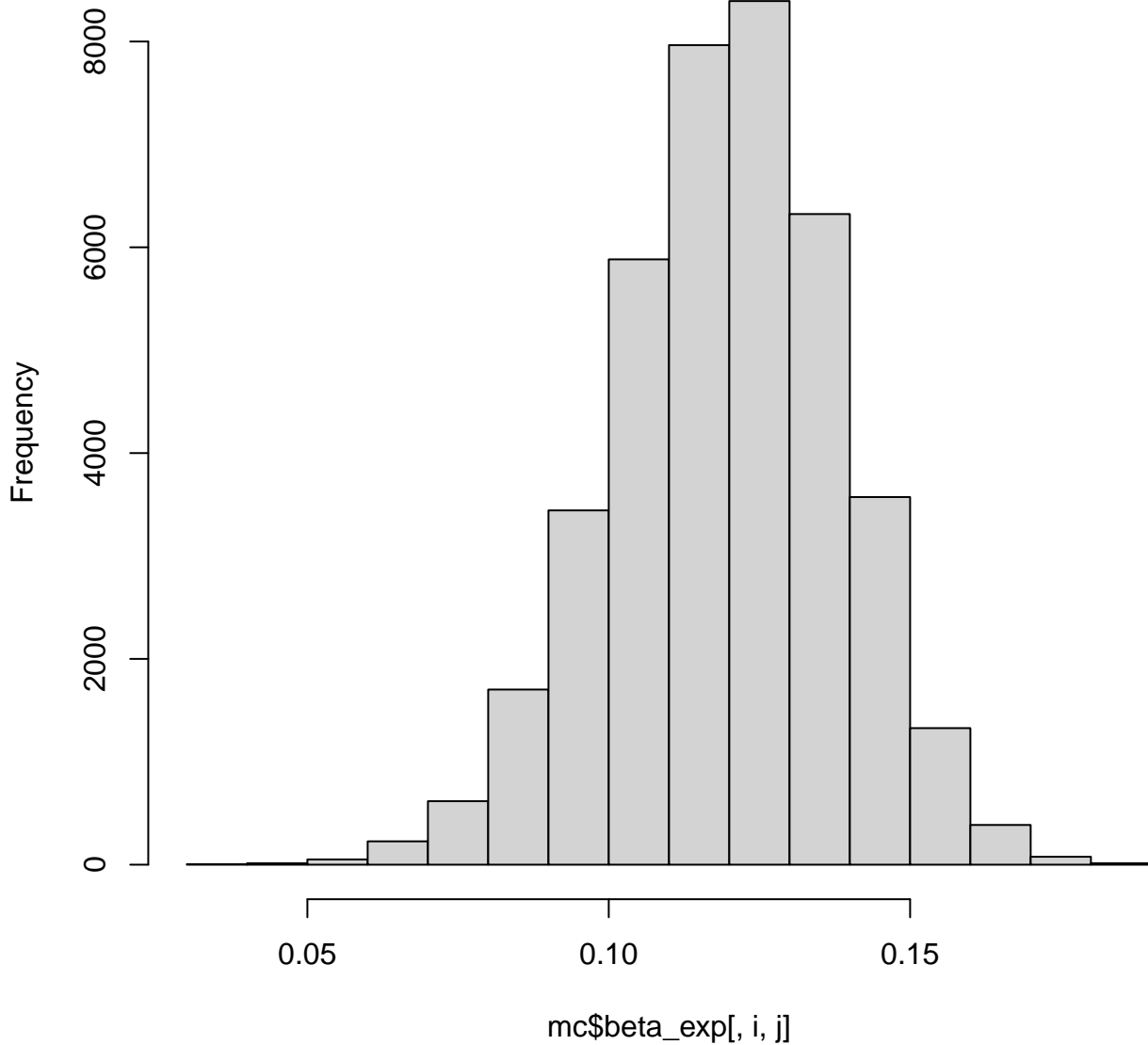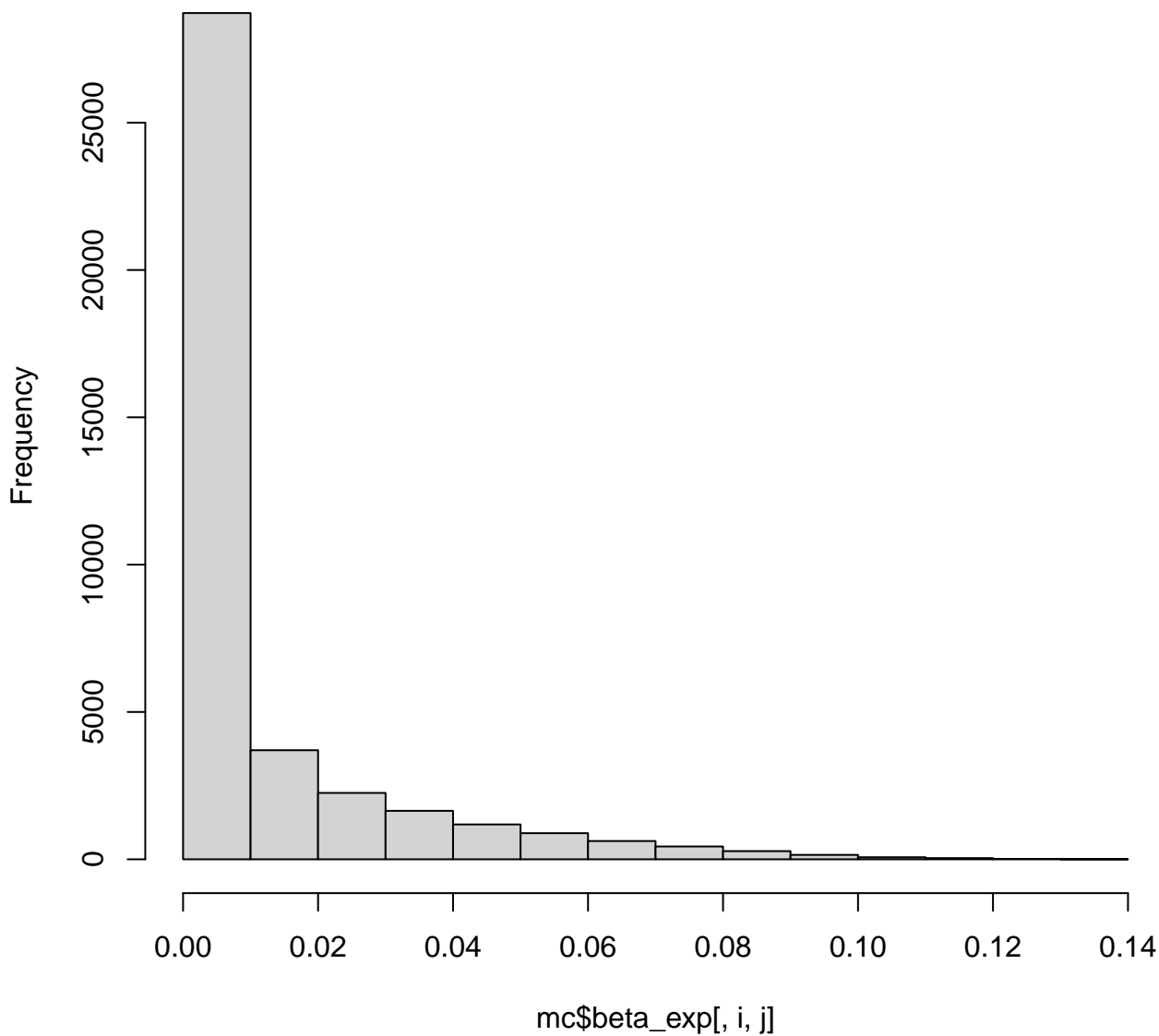
**Seattle, WA: geo3**

**Seattle, WA: imp1**

Frequency

mc$beta_exp[, i, j]

**Seattle, WA: imp2**

Frequency

mc$beta_exp[, i, j]

**Seattle, WA: imp3**

Frequency

mc$beta_exp[, i, j]

**Seattle, WA: gent**
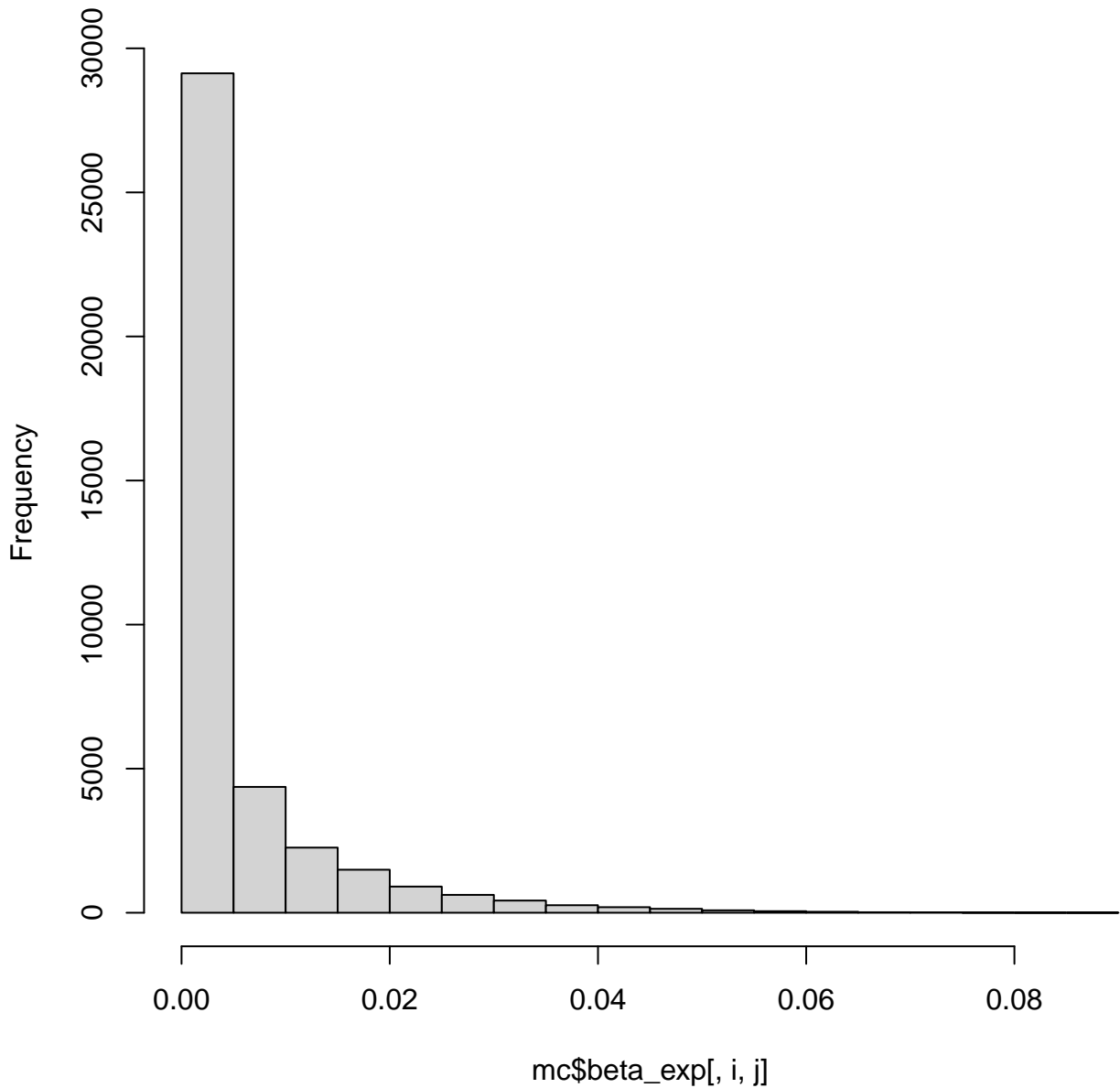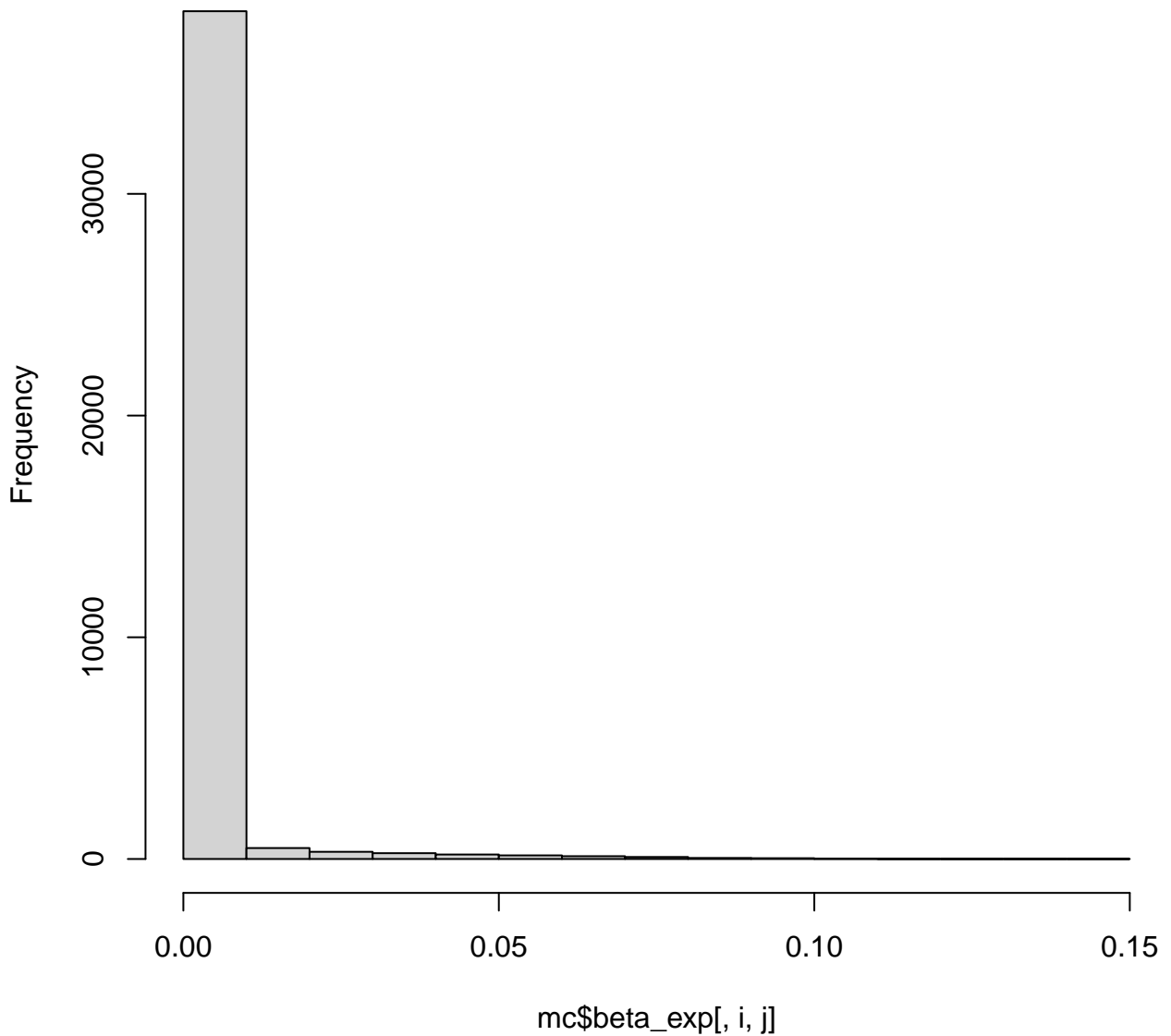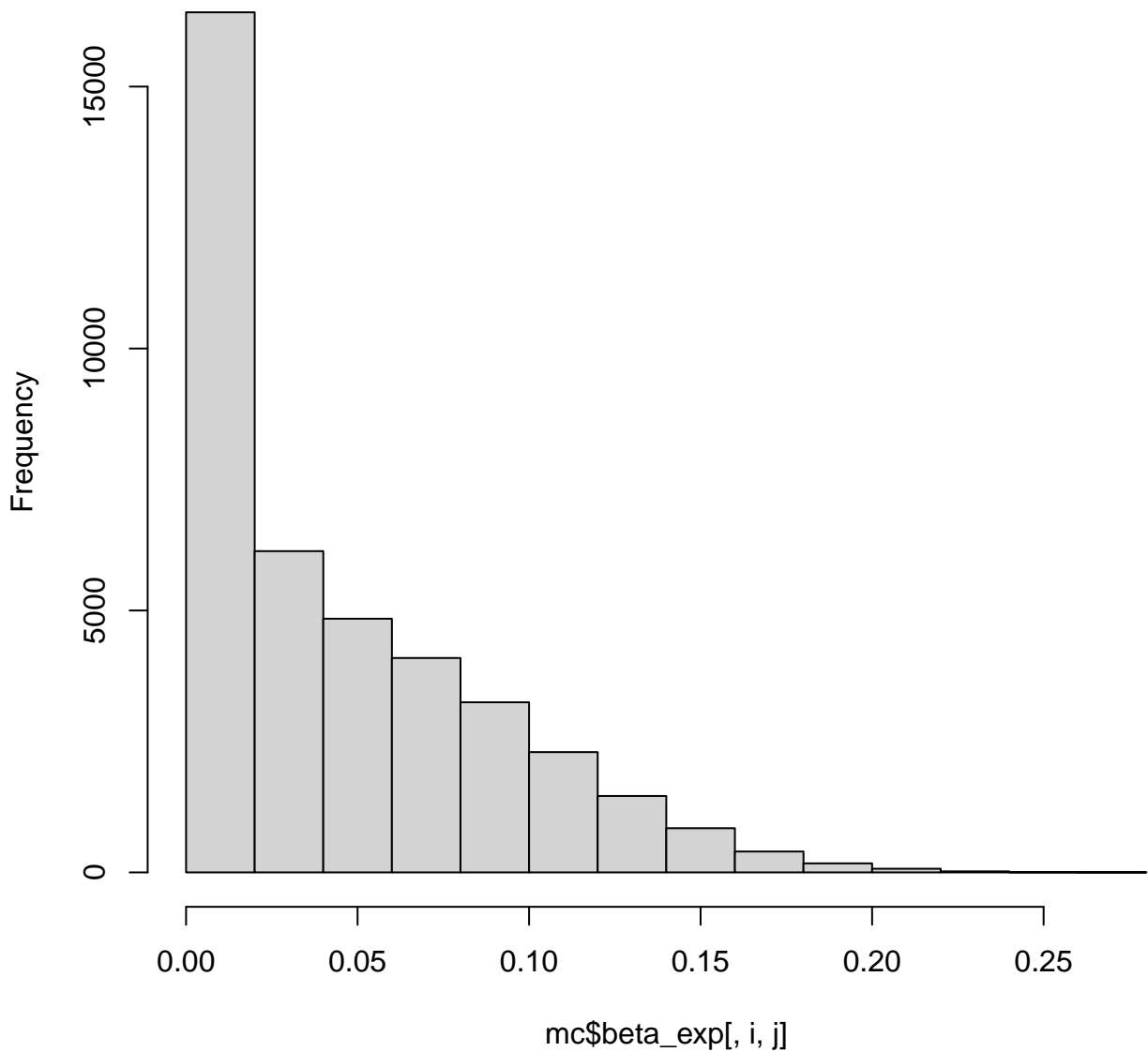
Frequency

mc$beta_exp[, i, j]
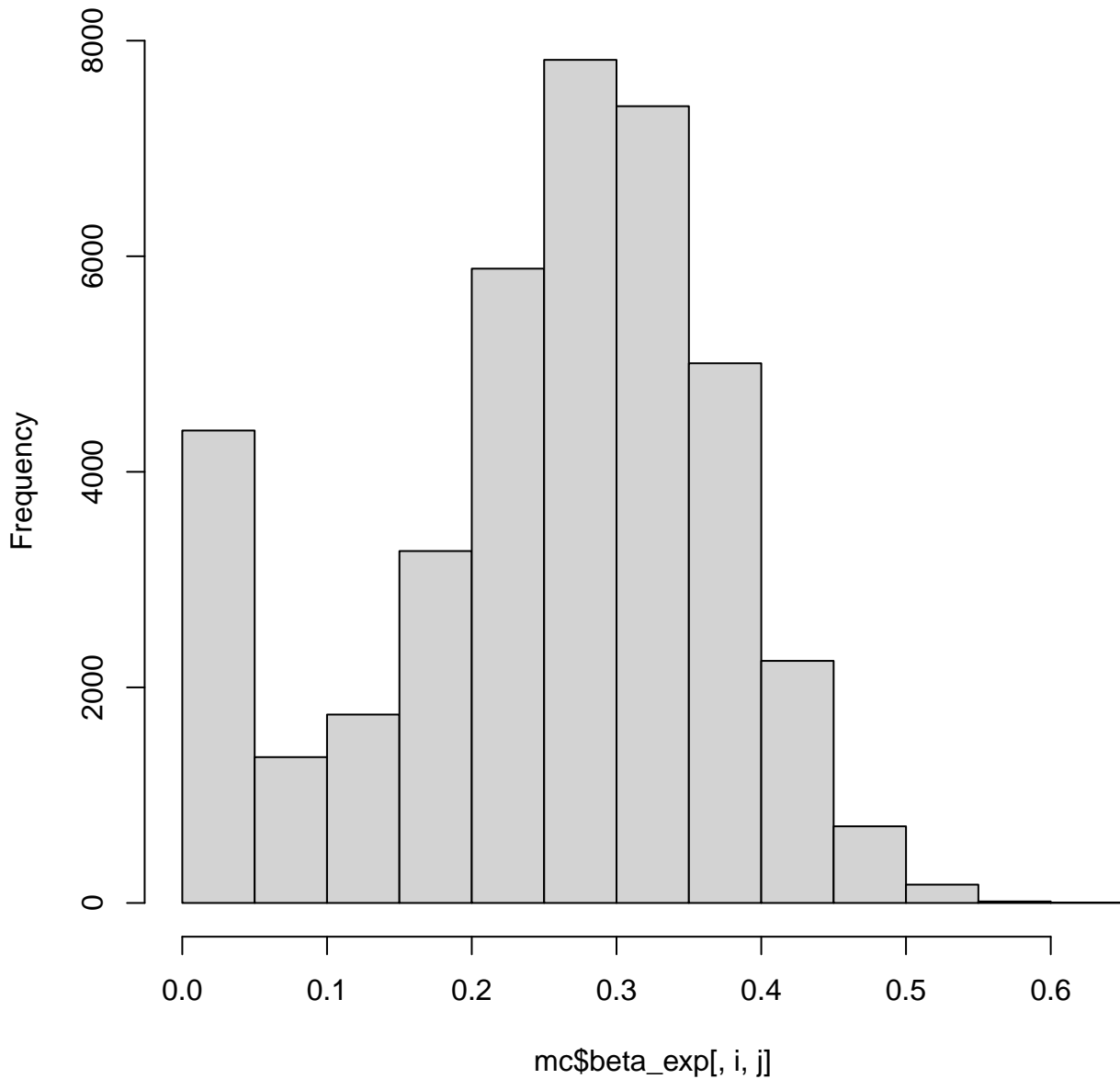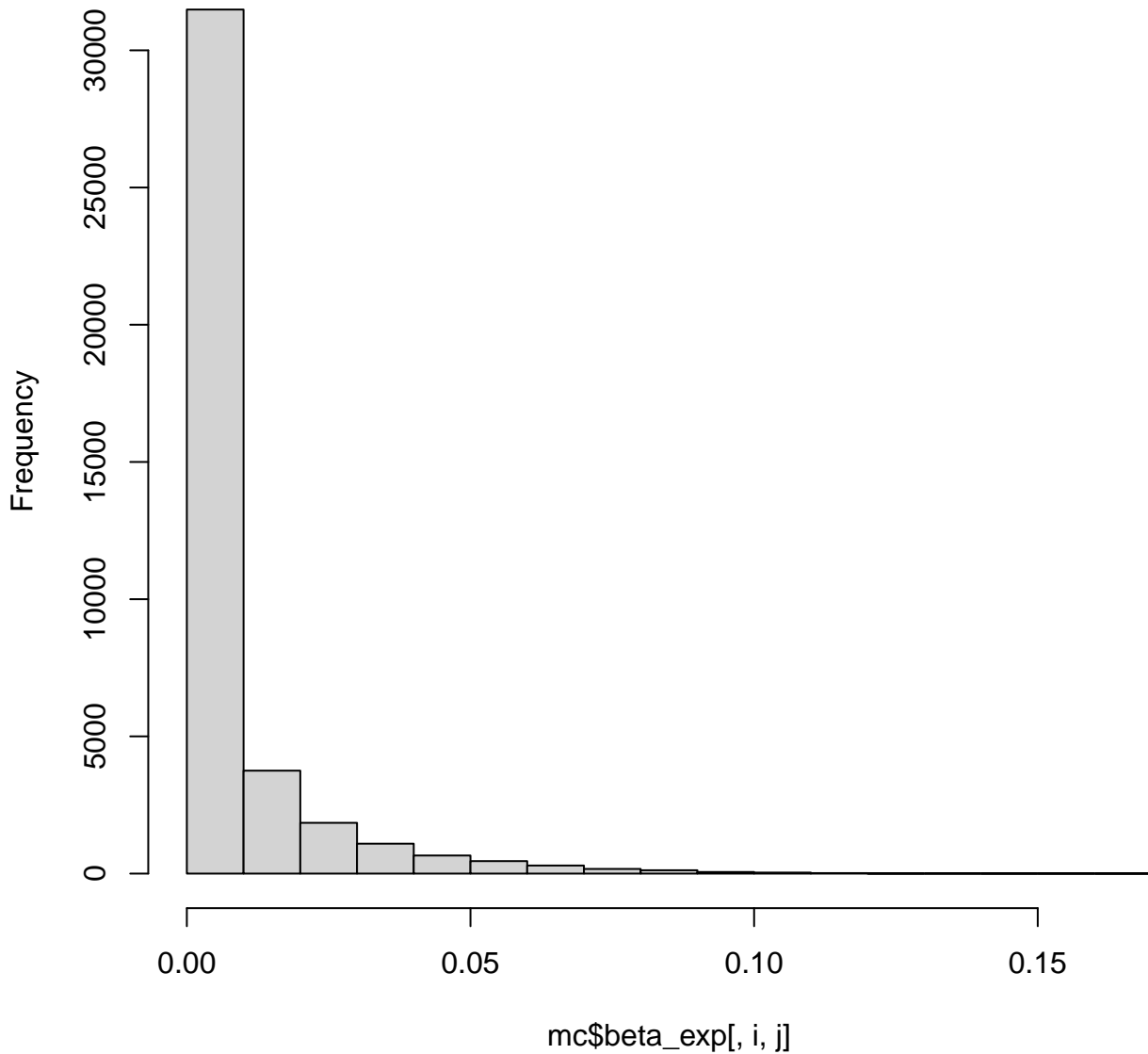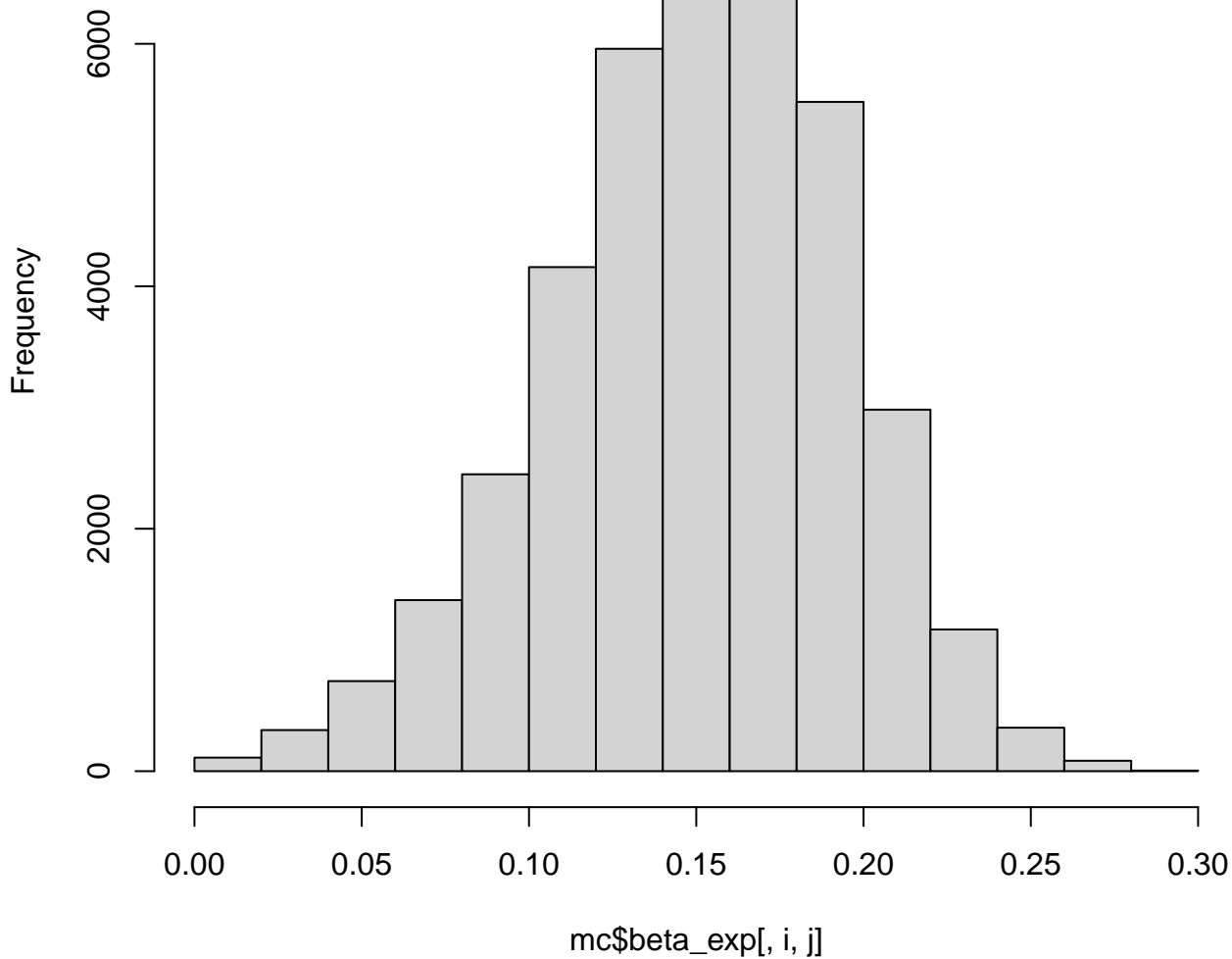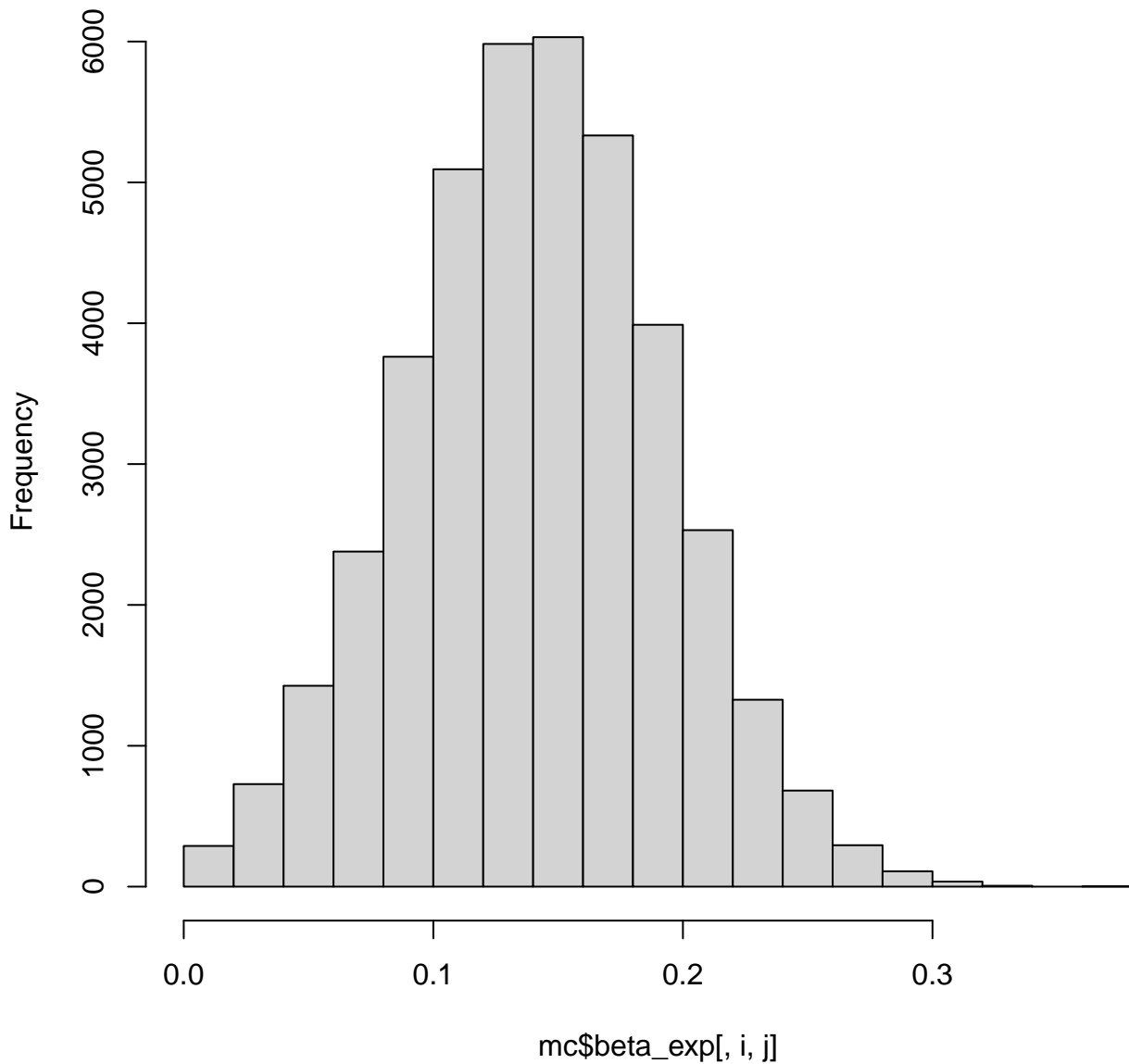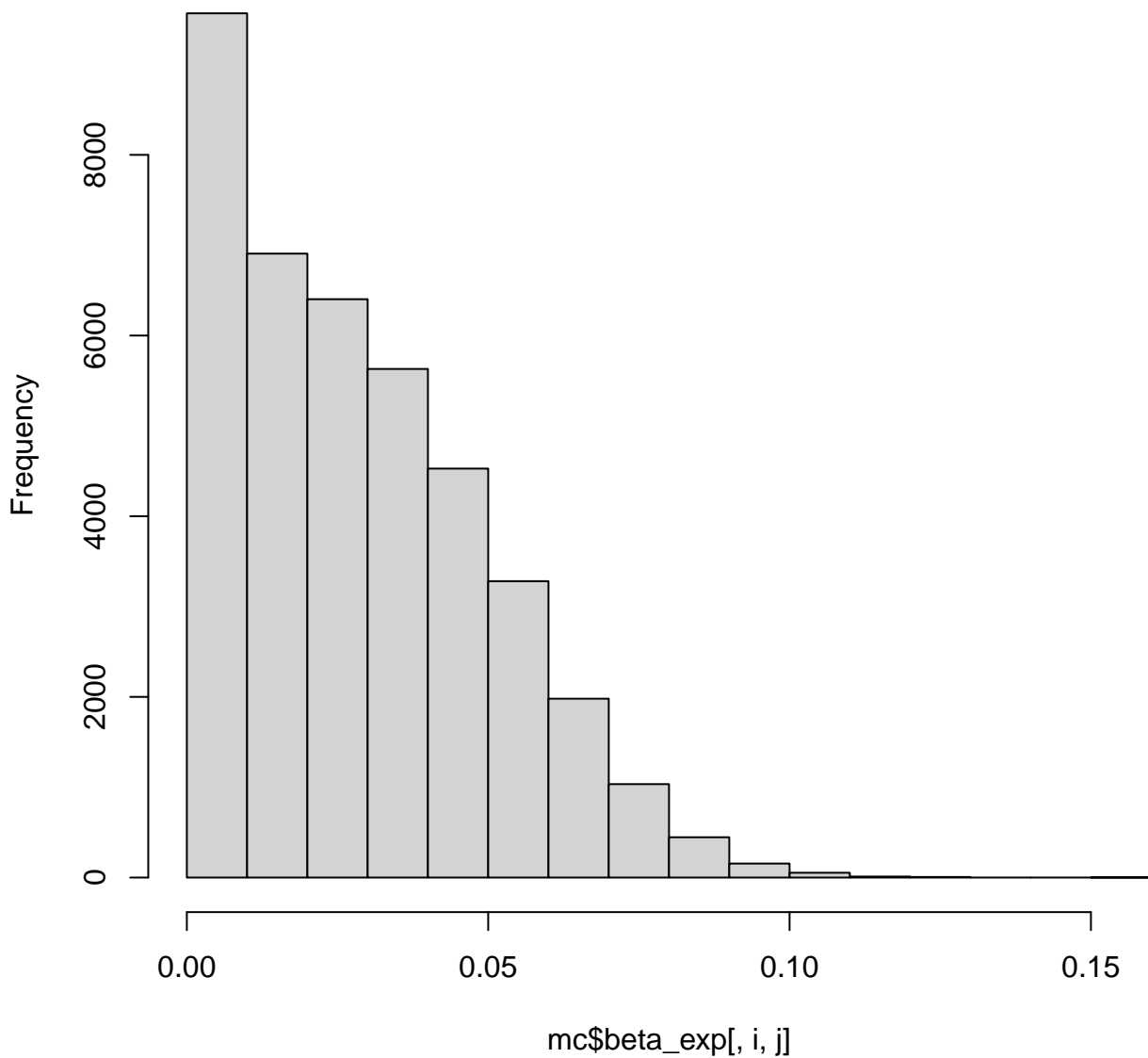
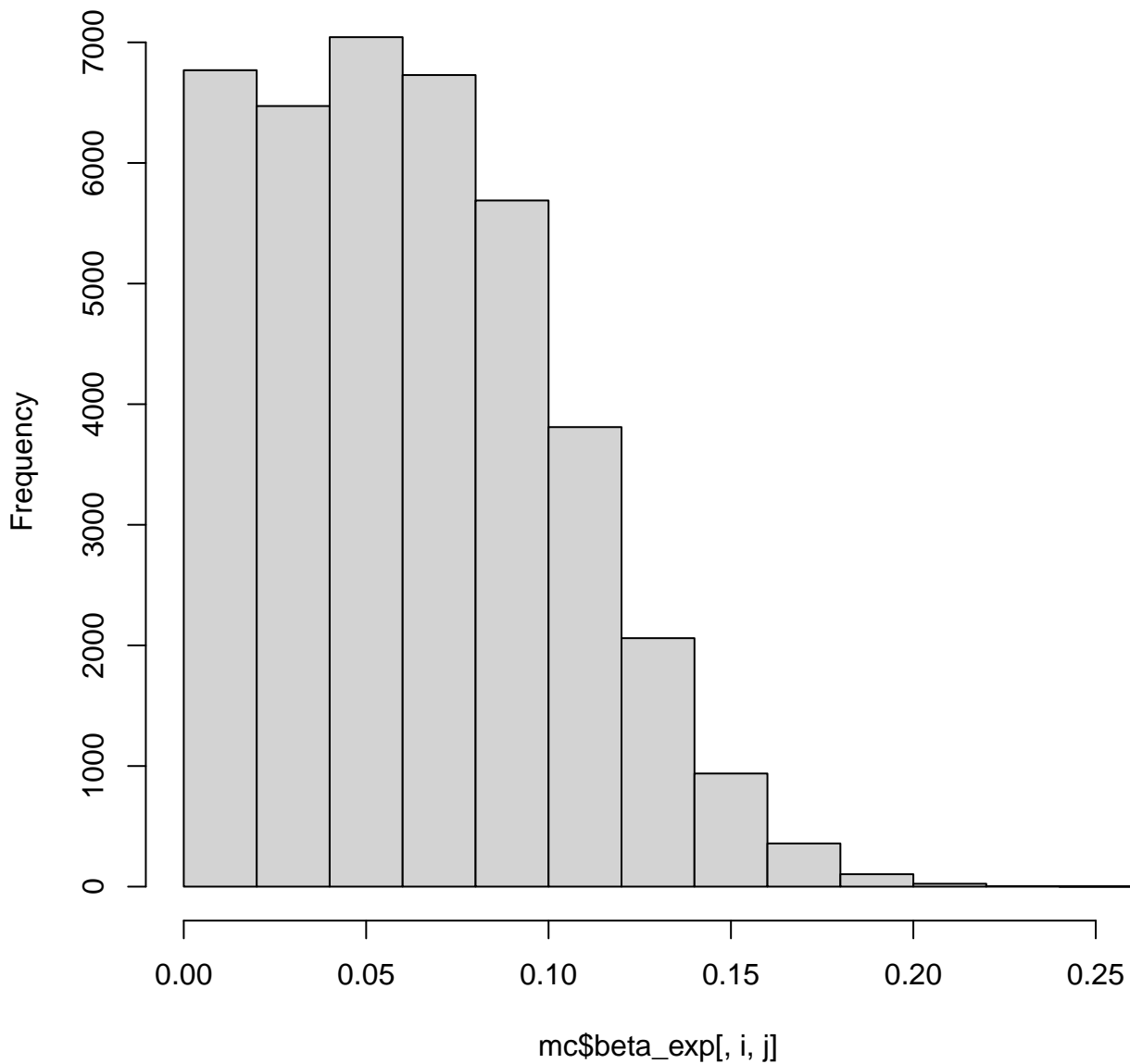**St. Louis, MO: intercept**
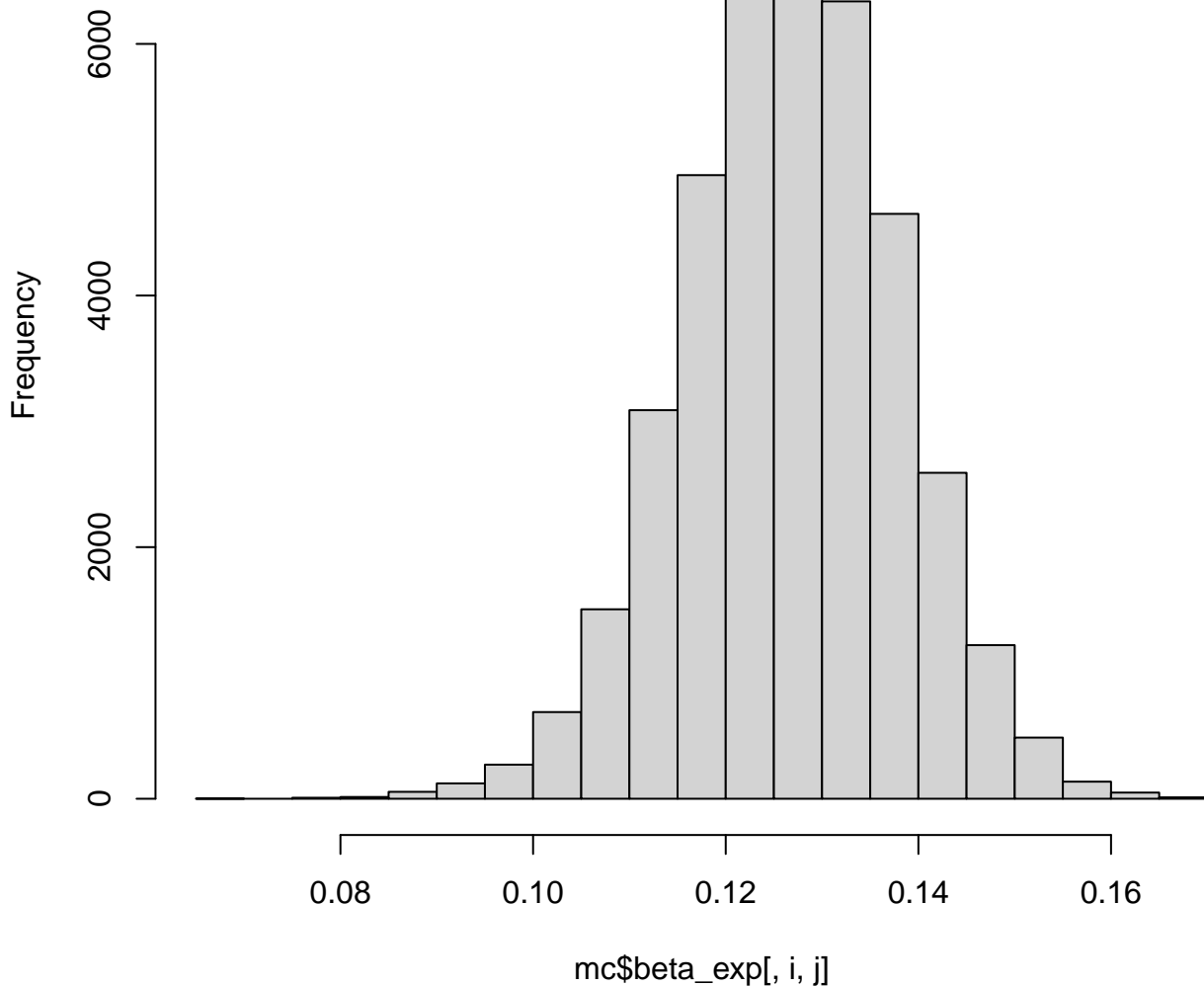
**St. Louis, MO: geo1**
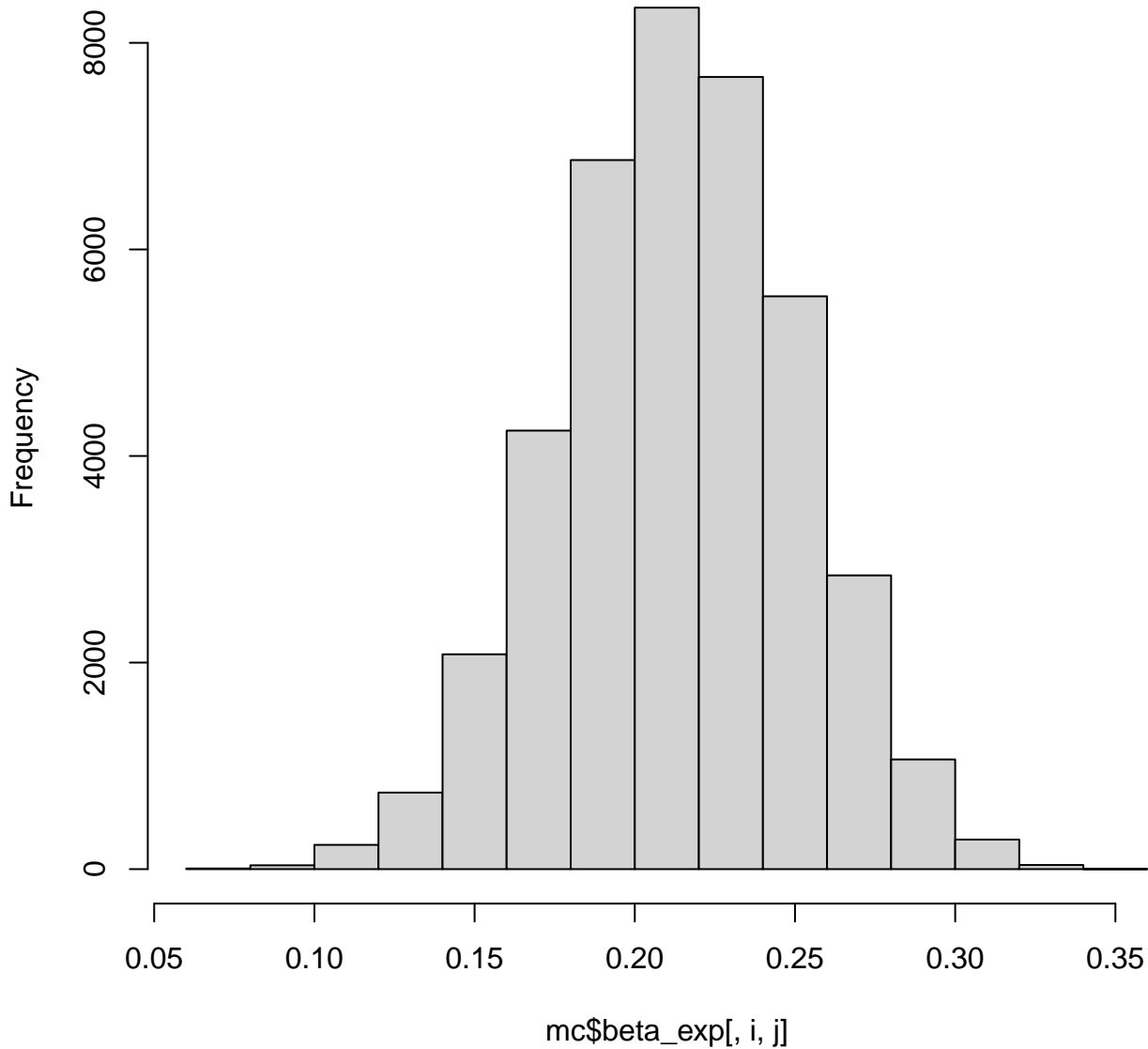
# St. Louis, MO: geo2

# St. Louis, MO: geo3



Frequency vs mc$beta_exp[, i, j]
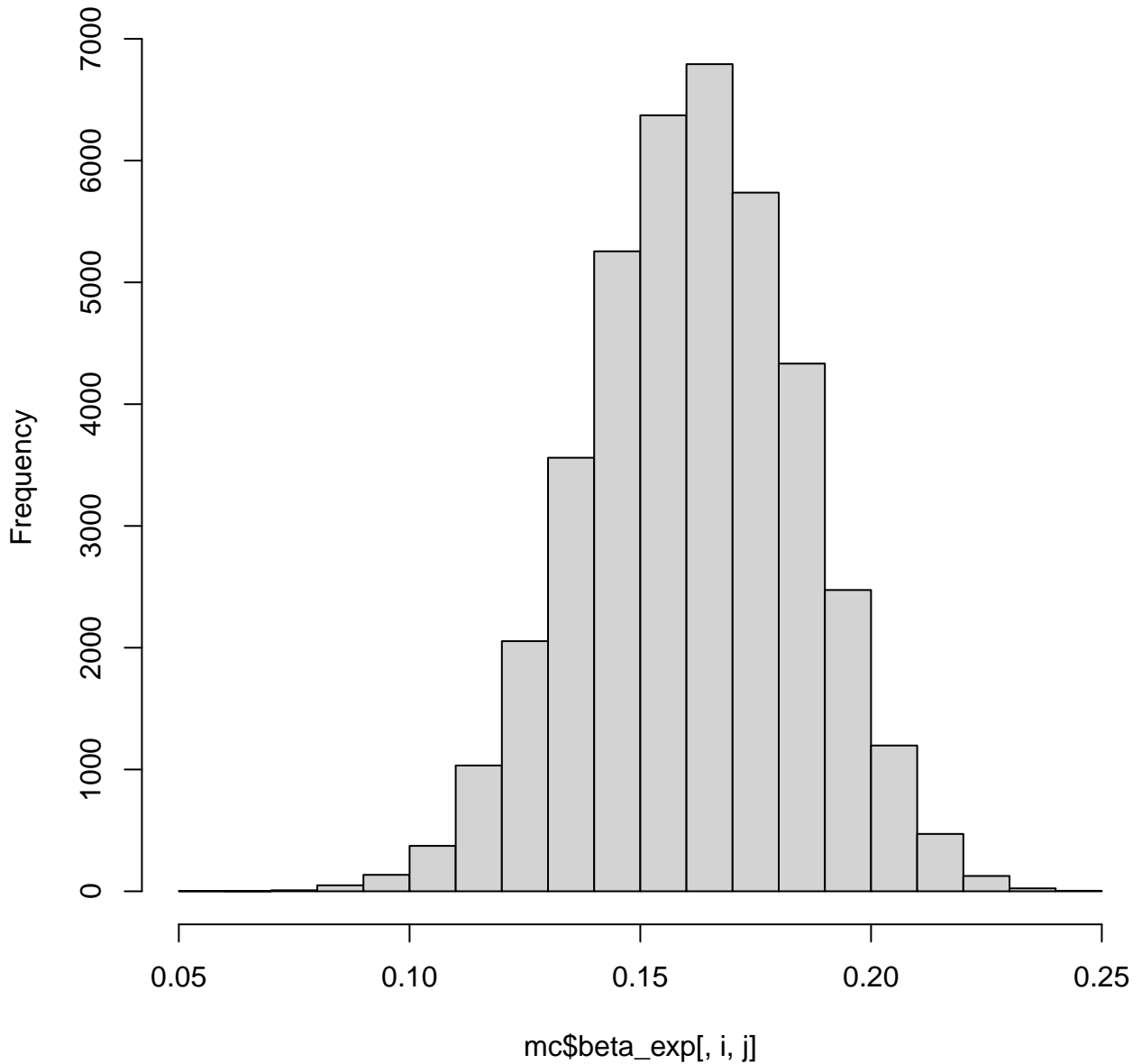
**St. Louis, MO: imp1**

**St. Louis, MO: imp2**

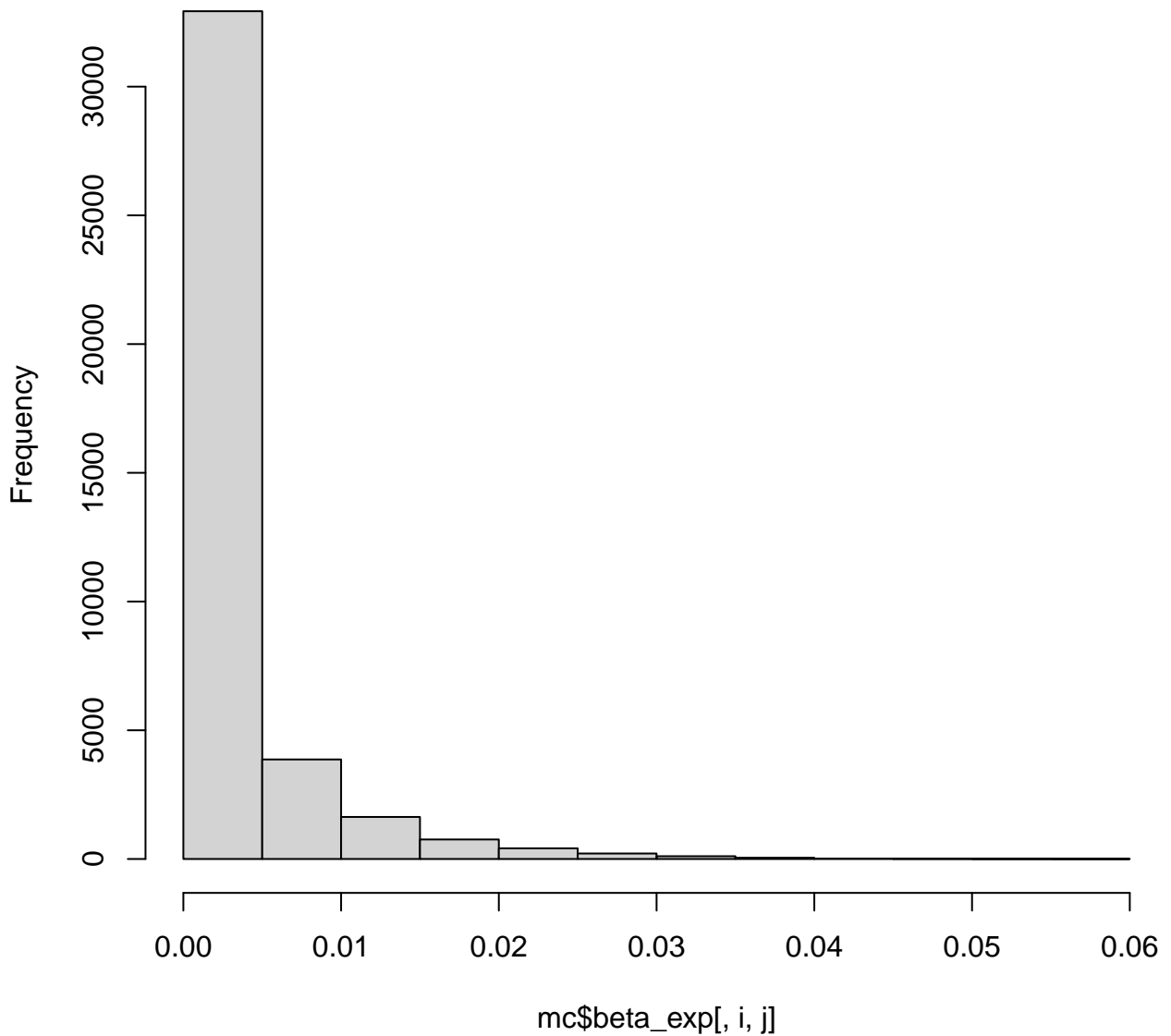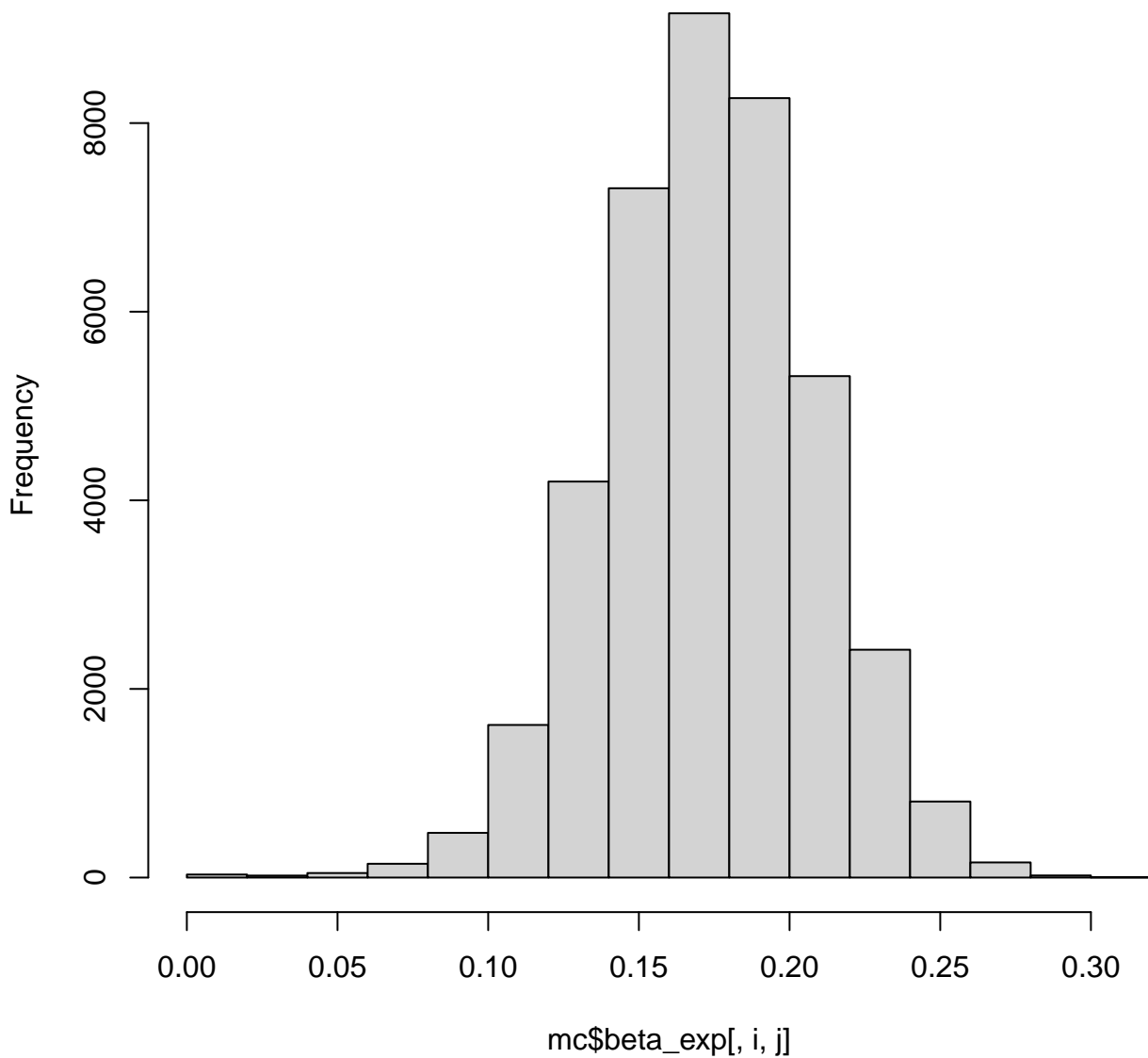**St. Louis, MO: imp3**

**St. Louis, MO: gent**
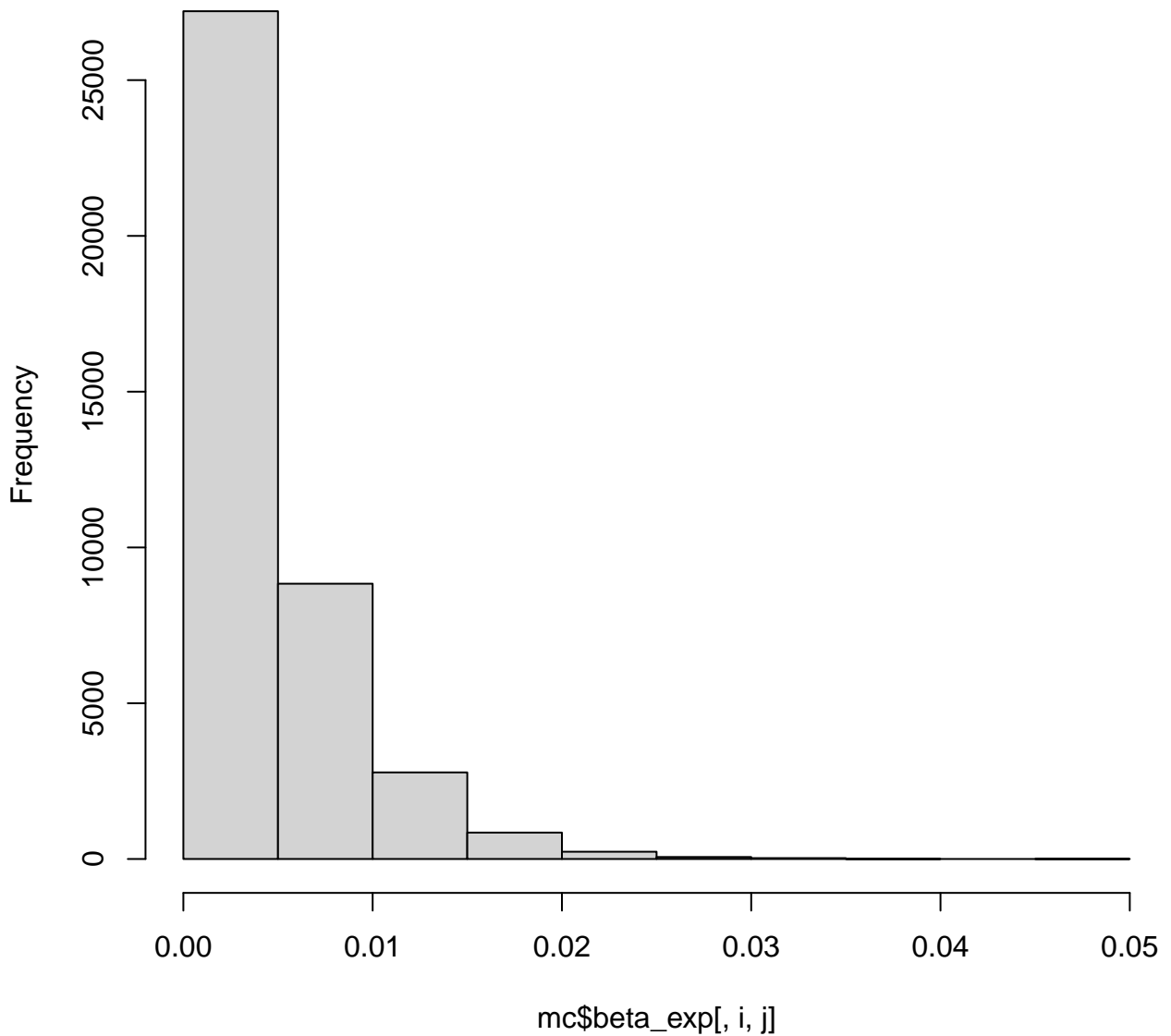
**Tacoma, WA: intercept**

Frequency

mc$beta_exp[, i, j]
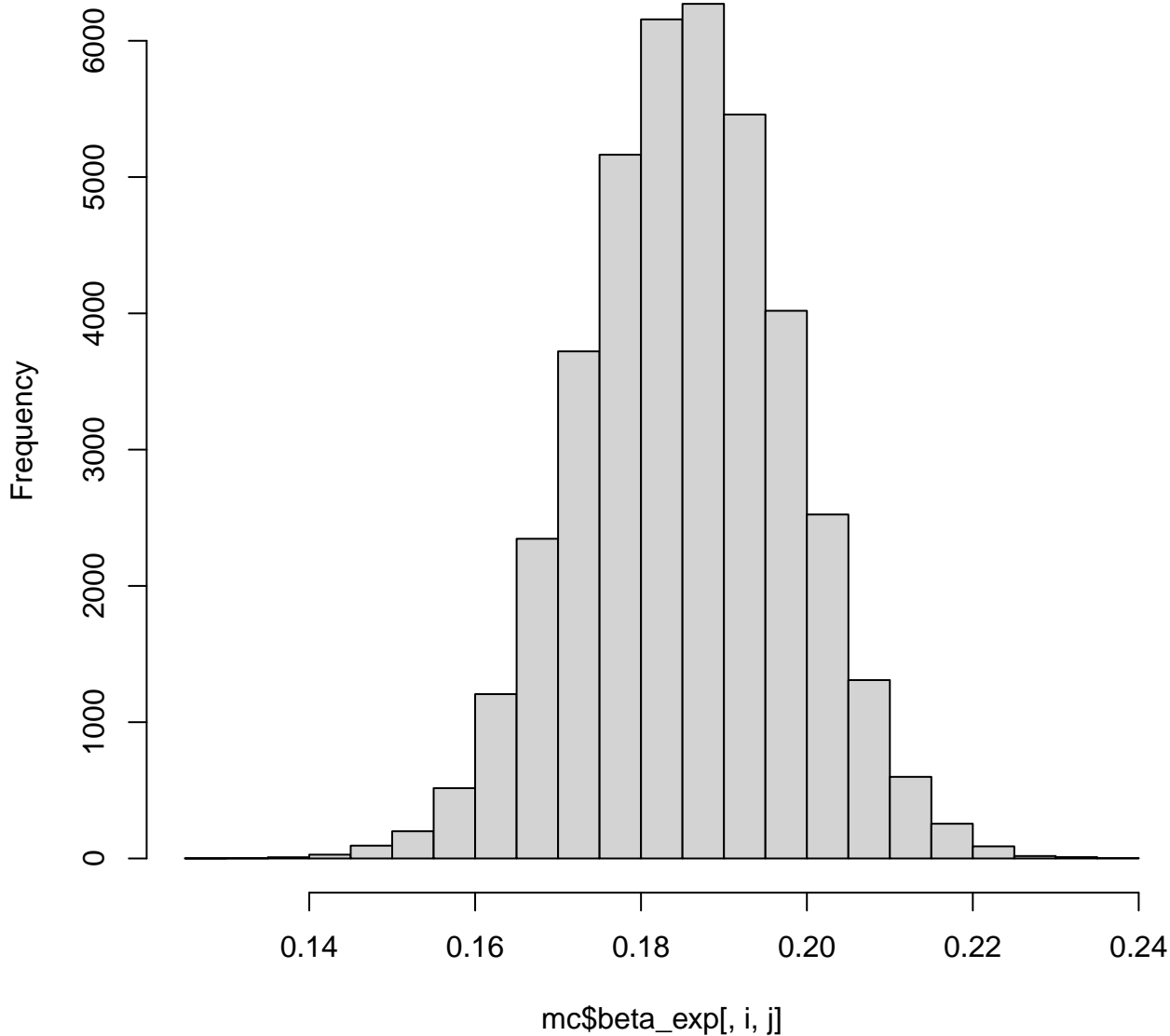
**Tacoma, WA: geo1**

**Tacoma, WA: geo2**
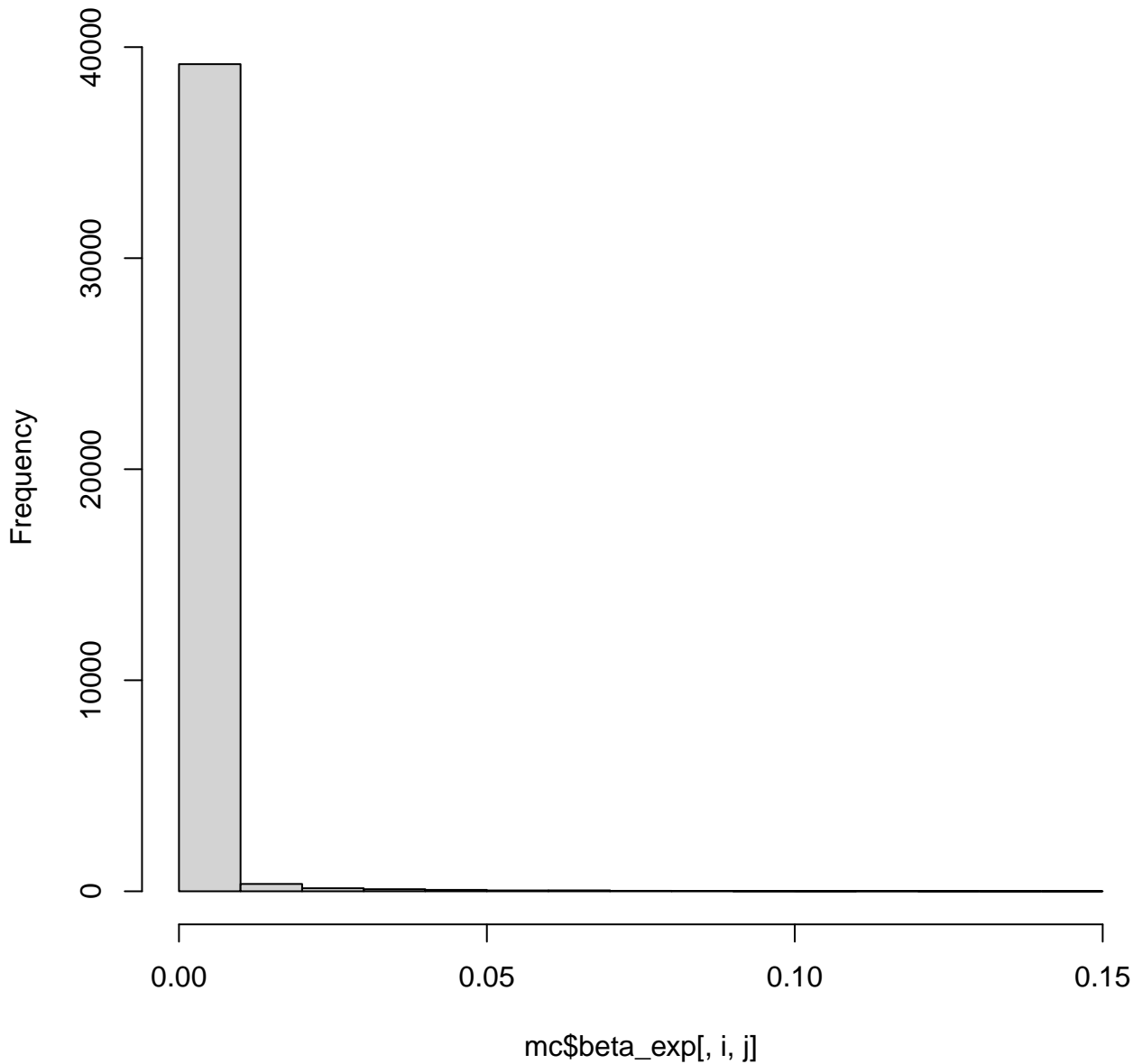
**Tacoma, WA: geo3**

**Tacoma, WA: imp1**

Frequency

mc$beta_exp[, i, j]

**Tacoma, WA: imp2**

Frequency

mc$beta_exp[, i, j]

**Tacoma, WA: imp3**

Frequency

mc$beta_exp[, i, j]

**Tacoma, WA: gent**

Frequency

mc$beta_exp[, i, j]
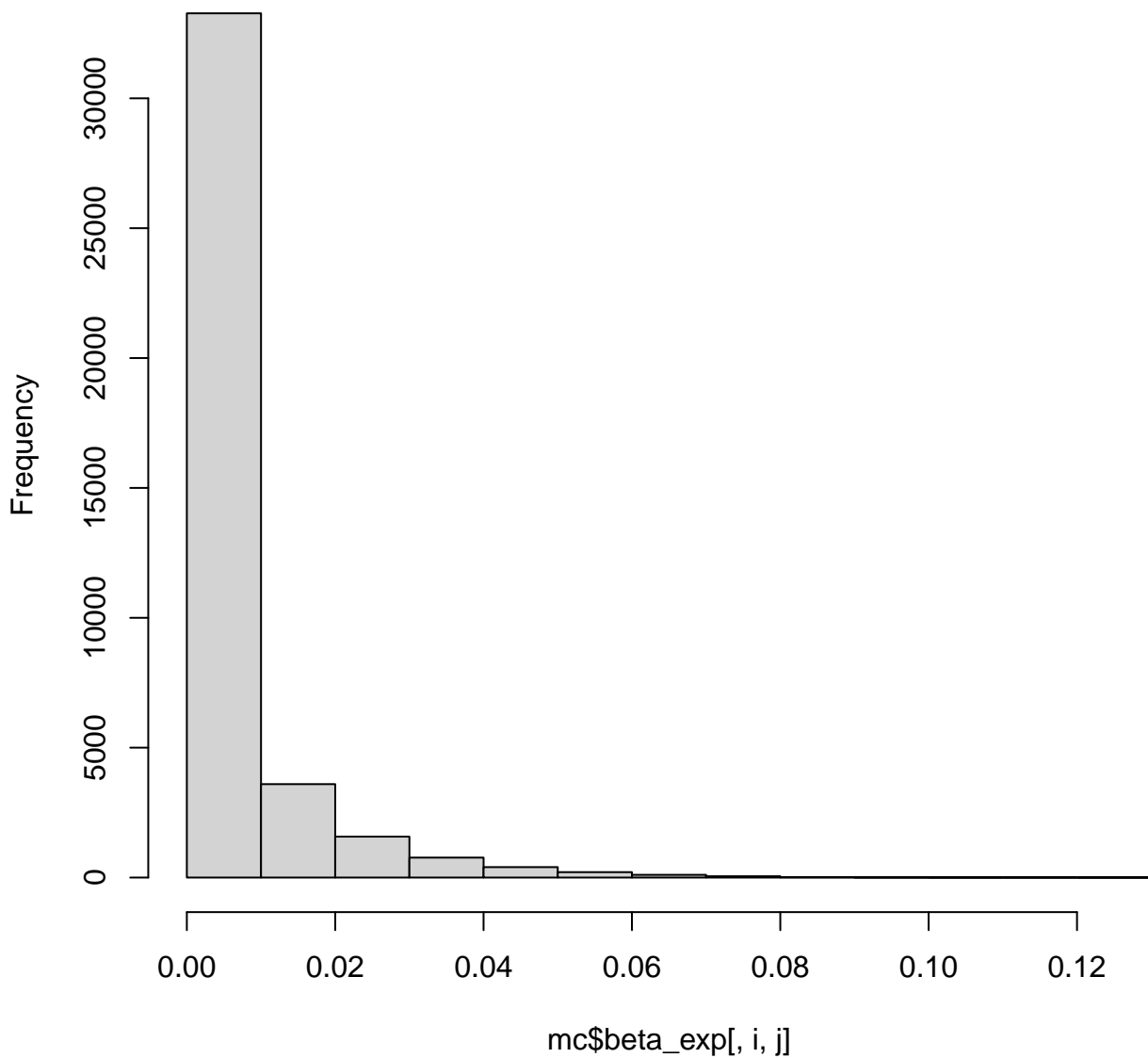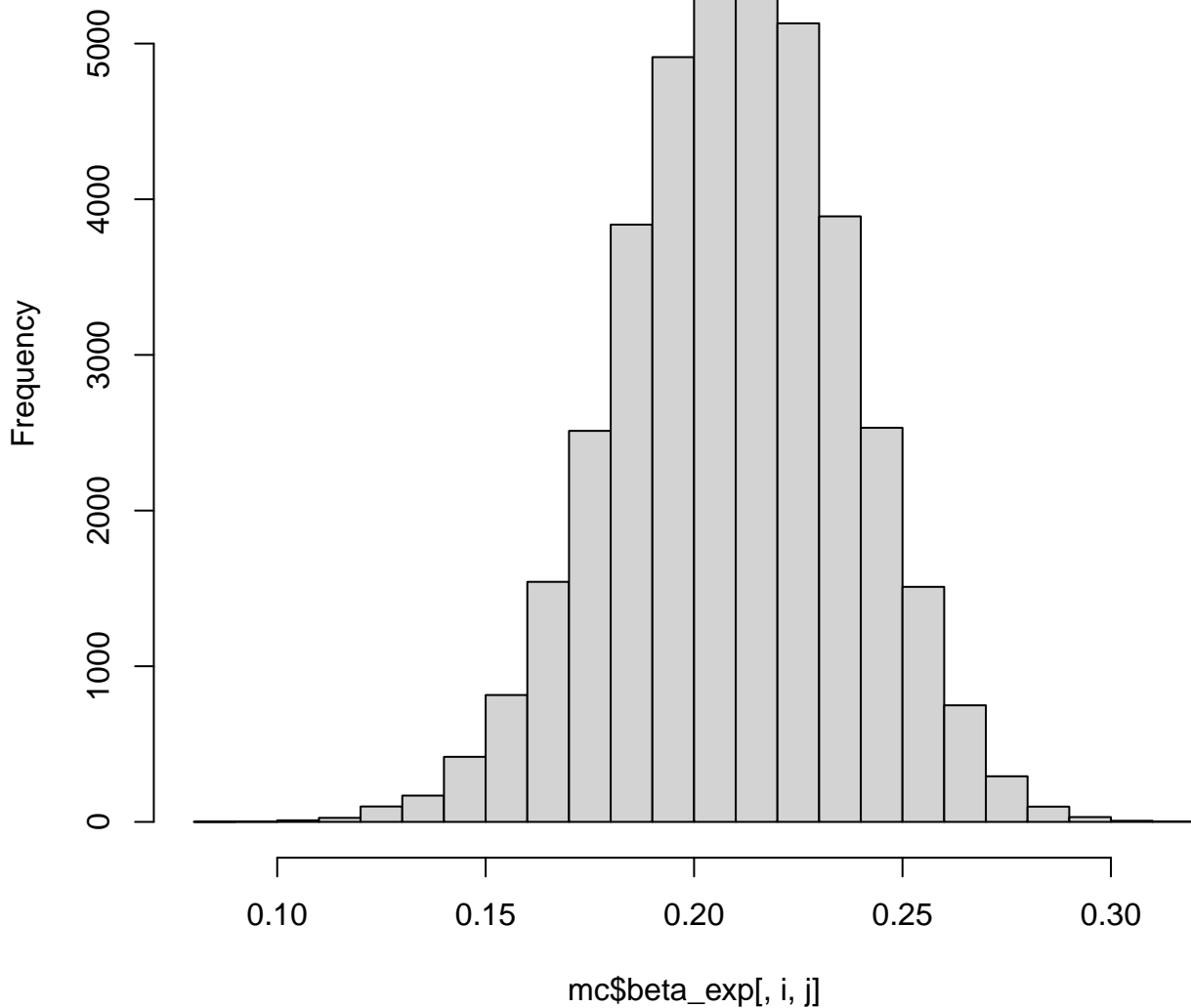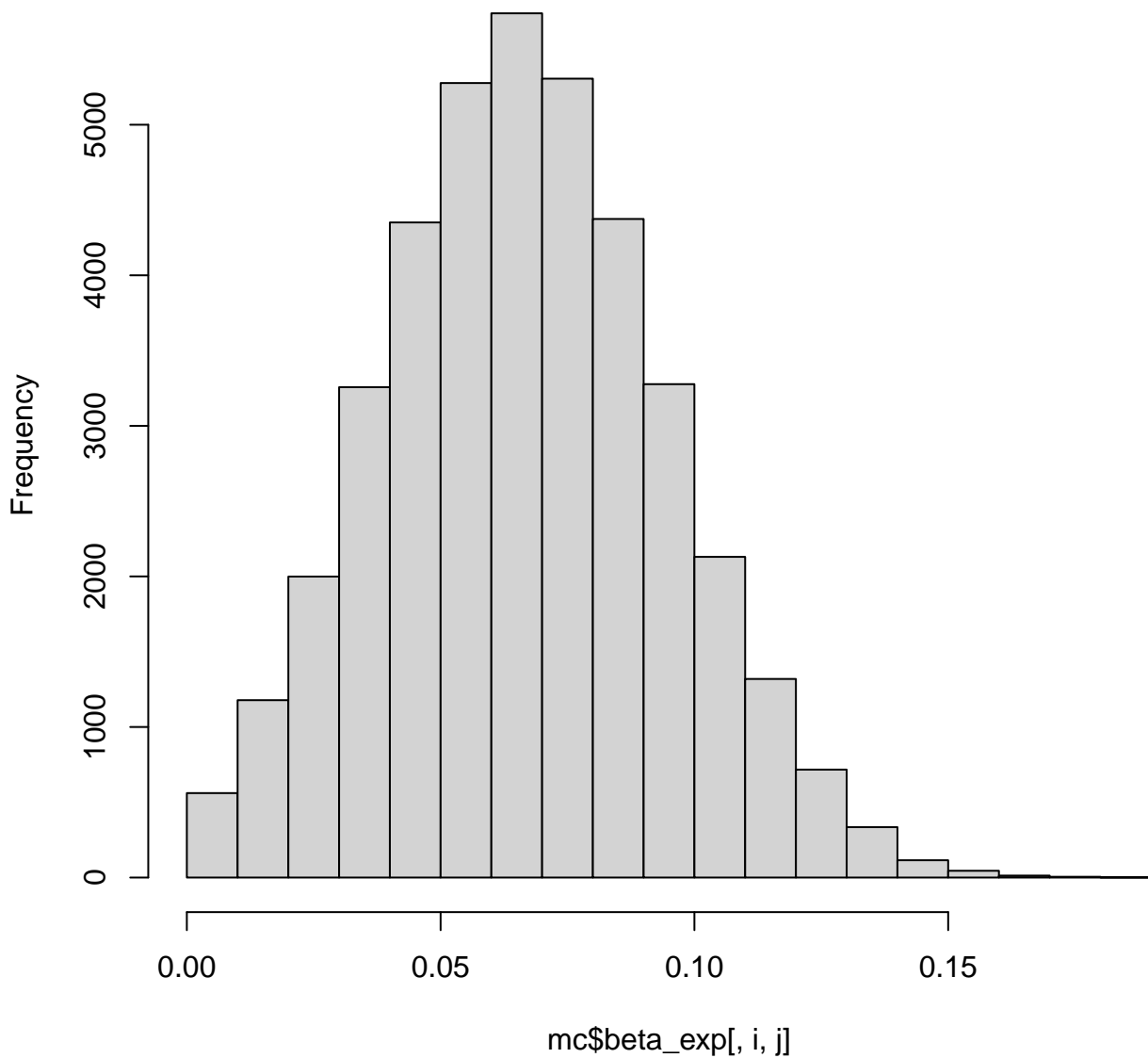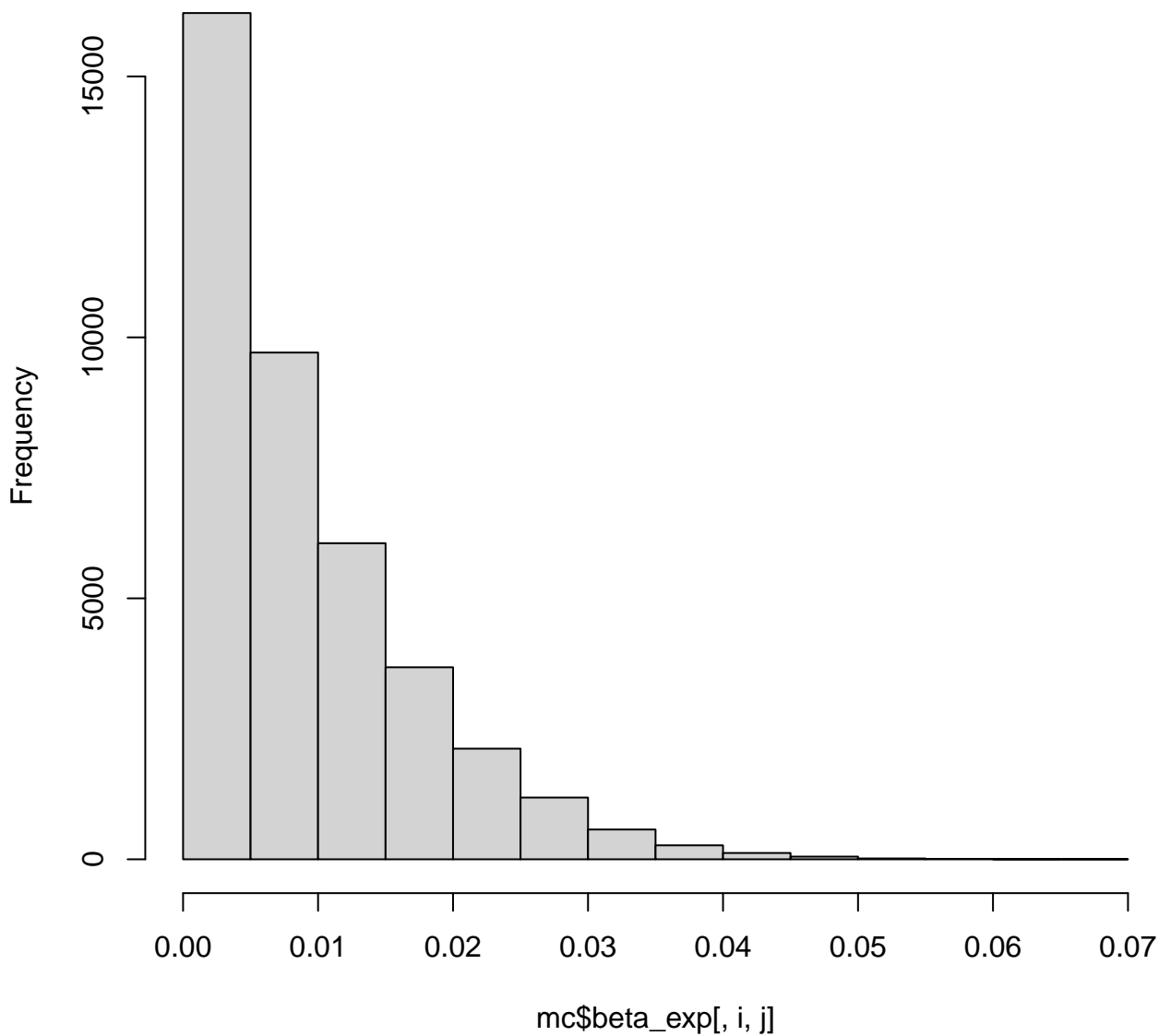
**Urbana, IL: intercept**
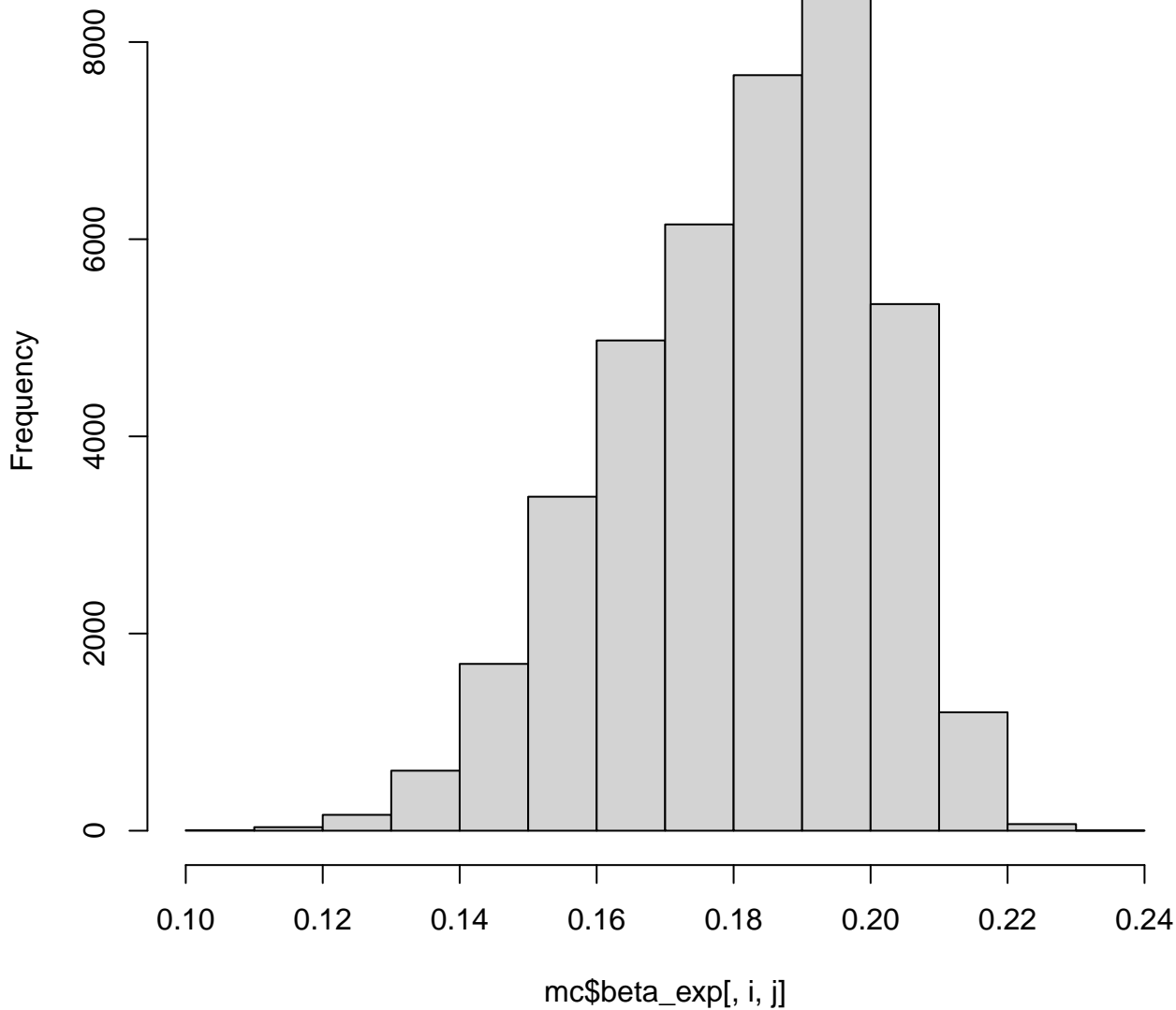
**Urbana, IL: geo1**

**Urbana, IL: geo2**

Frequency

mc$beta_exp[, i, j]

# Urbana, IL: geo3



Frequency vs mc$beta_exp[, i, j]
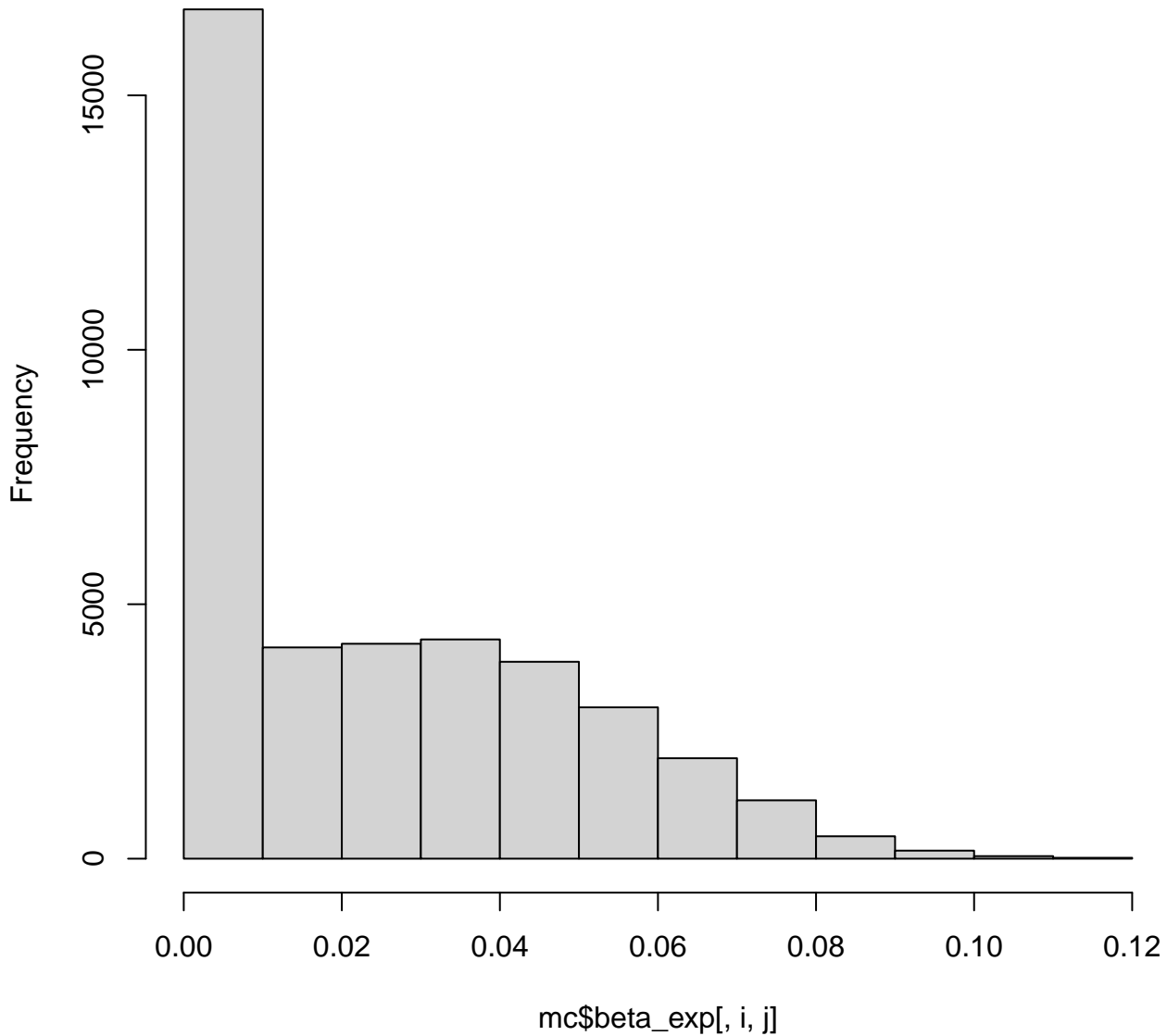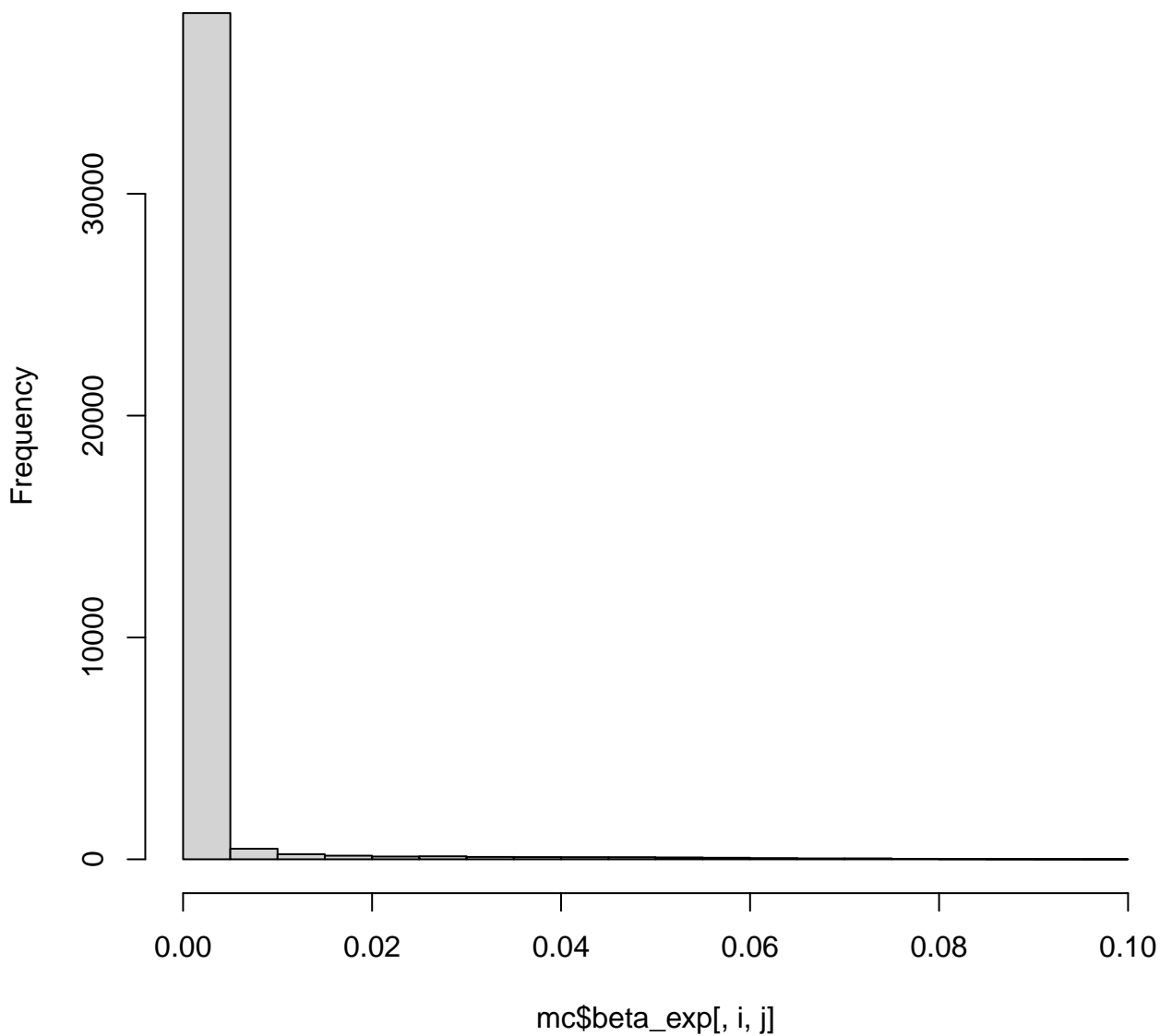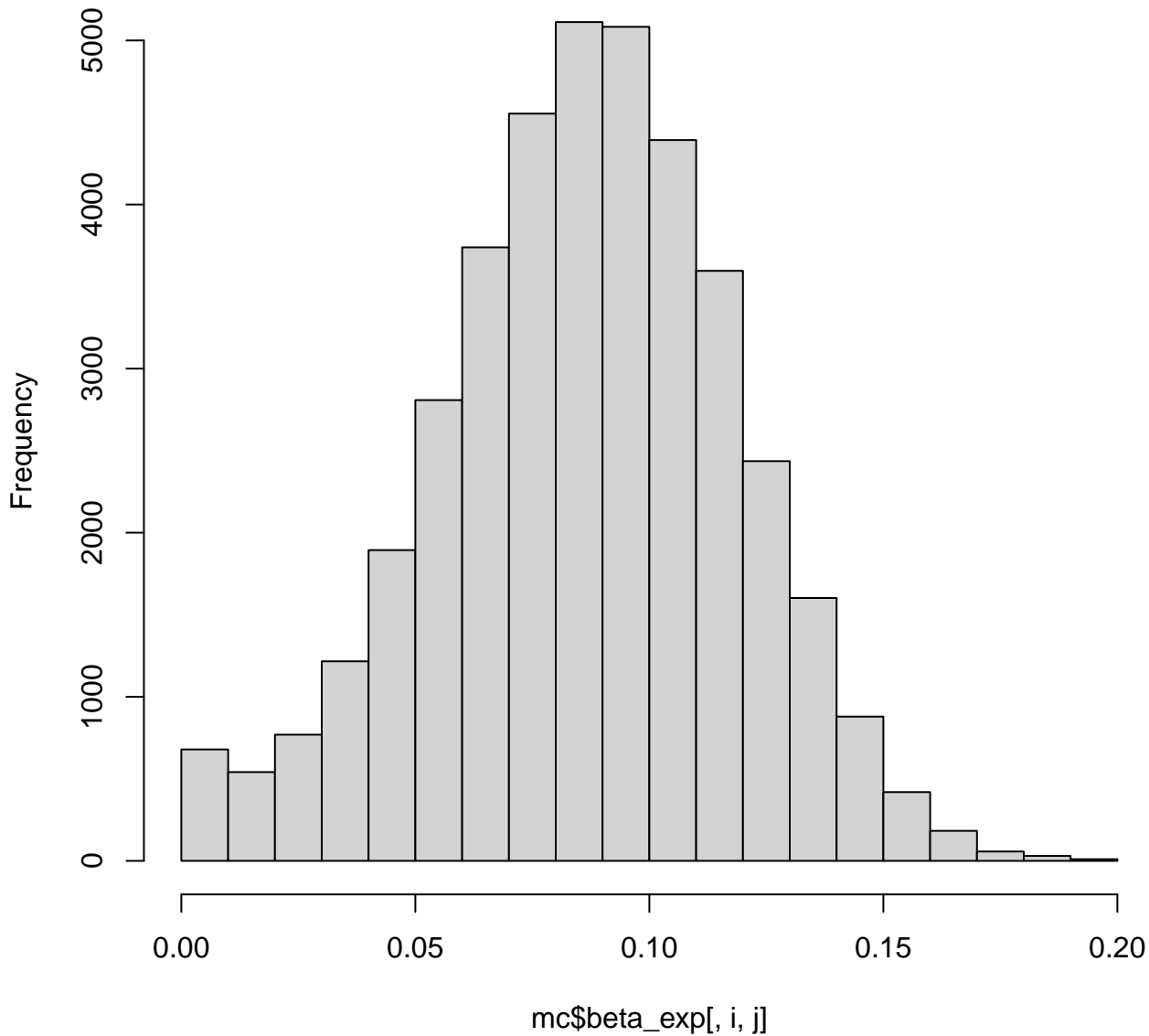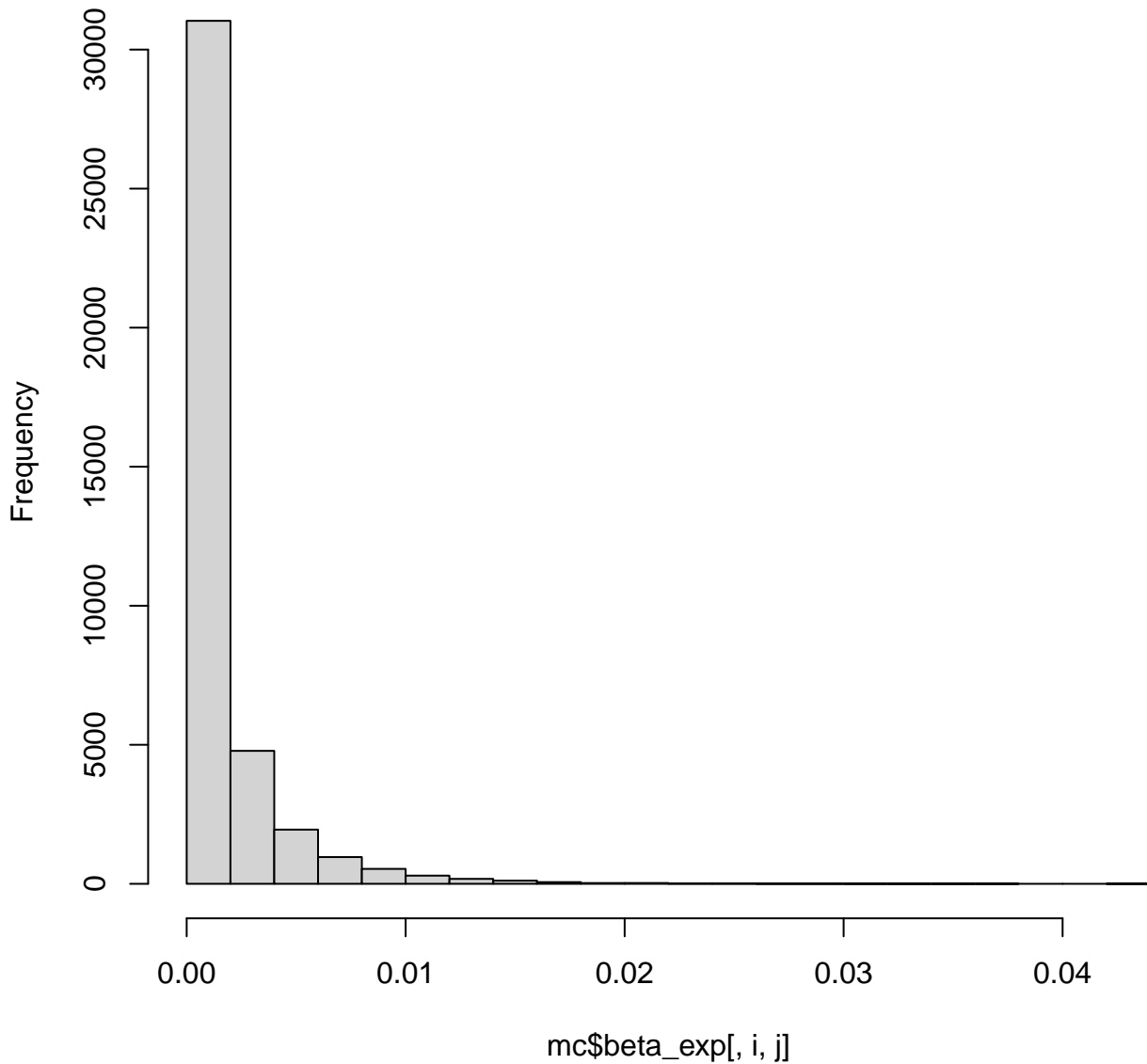
**Urbana, IL: imp1**

**Urbana, IL: imp2**
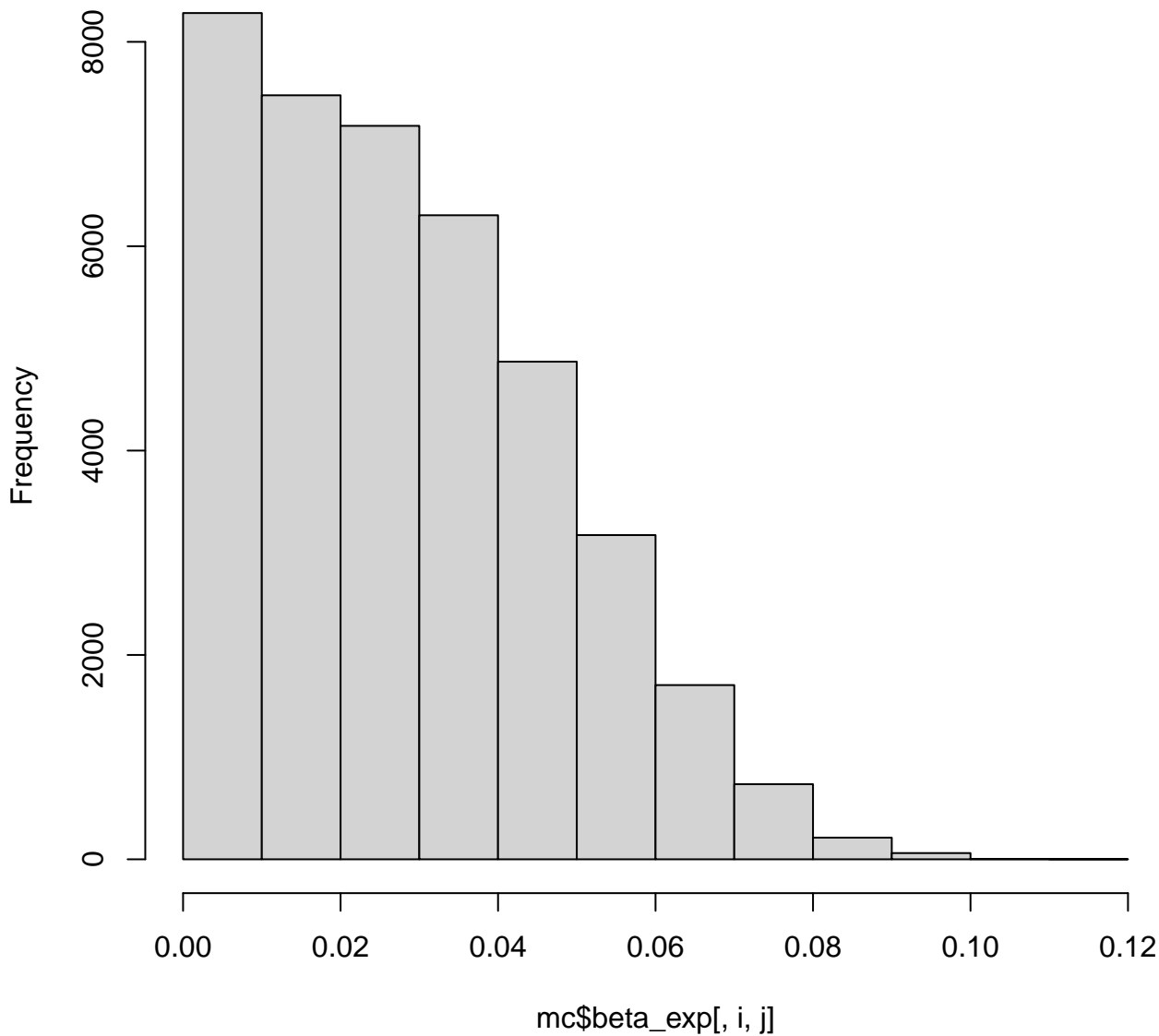
**Urbana, IL: imp3**
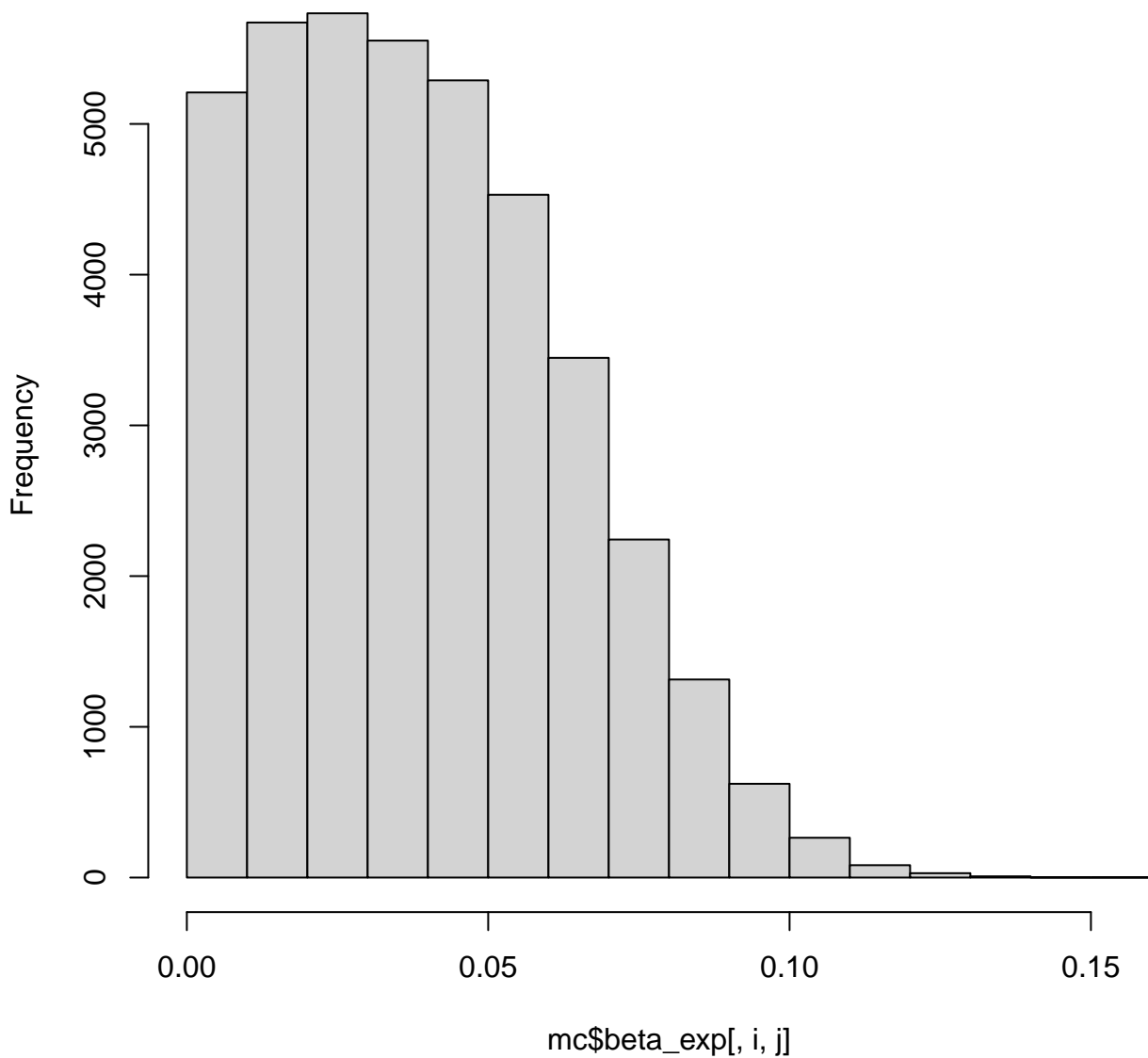
**Urbana, IL: gent**
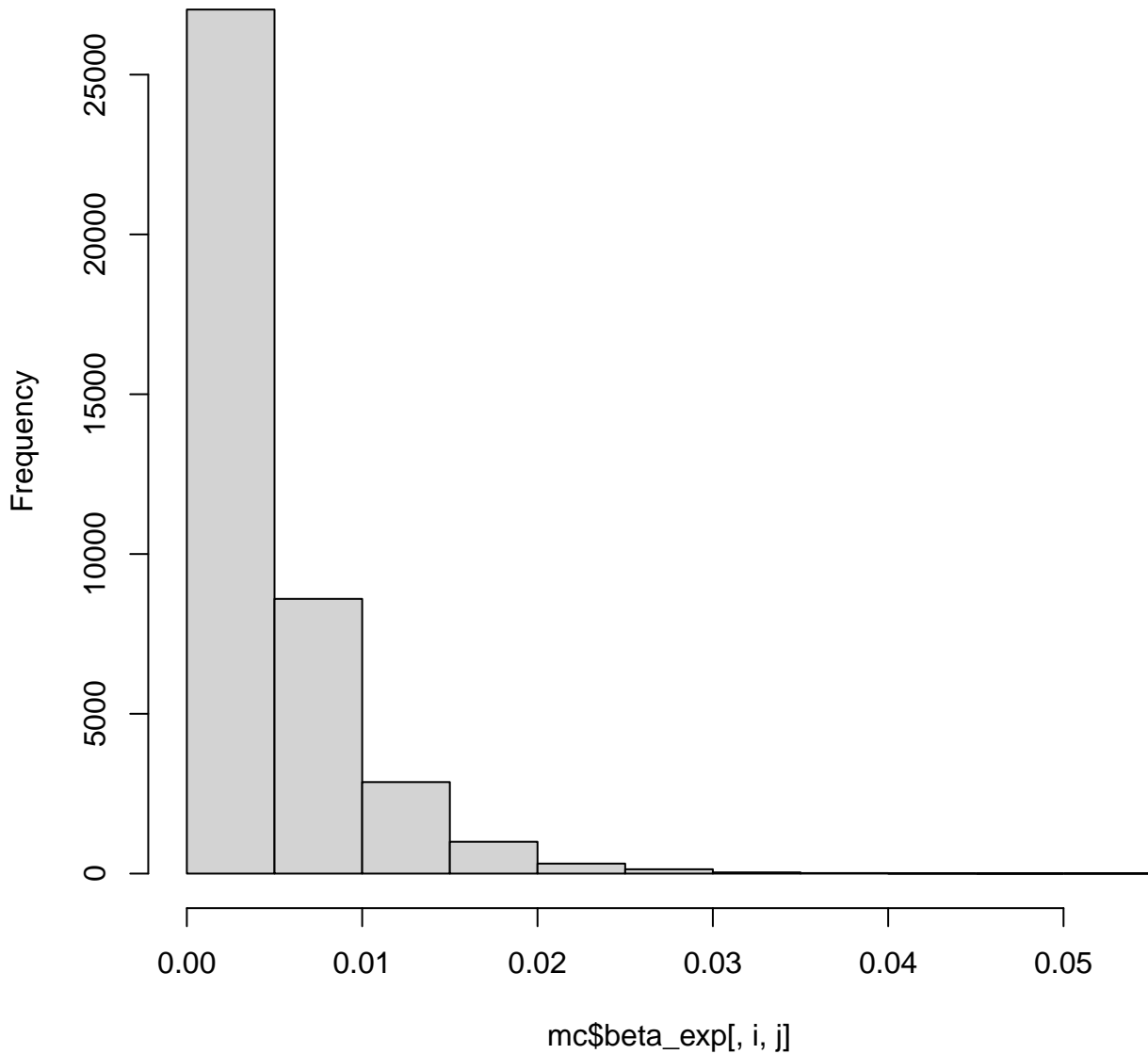
**Wilmington, DE: intercept**

Frequency

mc$beta_exp[, i, j]

**Wilmington, DE: geo1**

Frequency

mc$beta_exp[, i, j]

**Wilmington, DE: geo2**

Frequency

mc$beta_exp[, i, j]
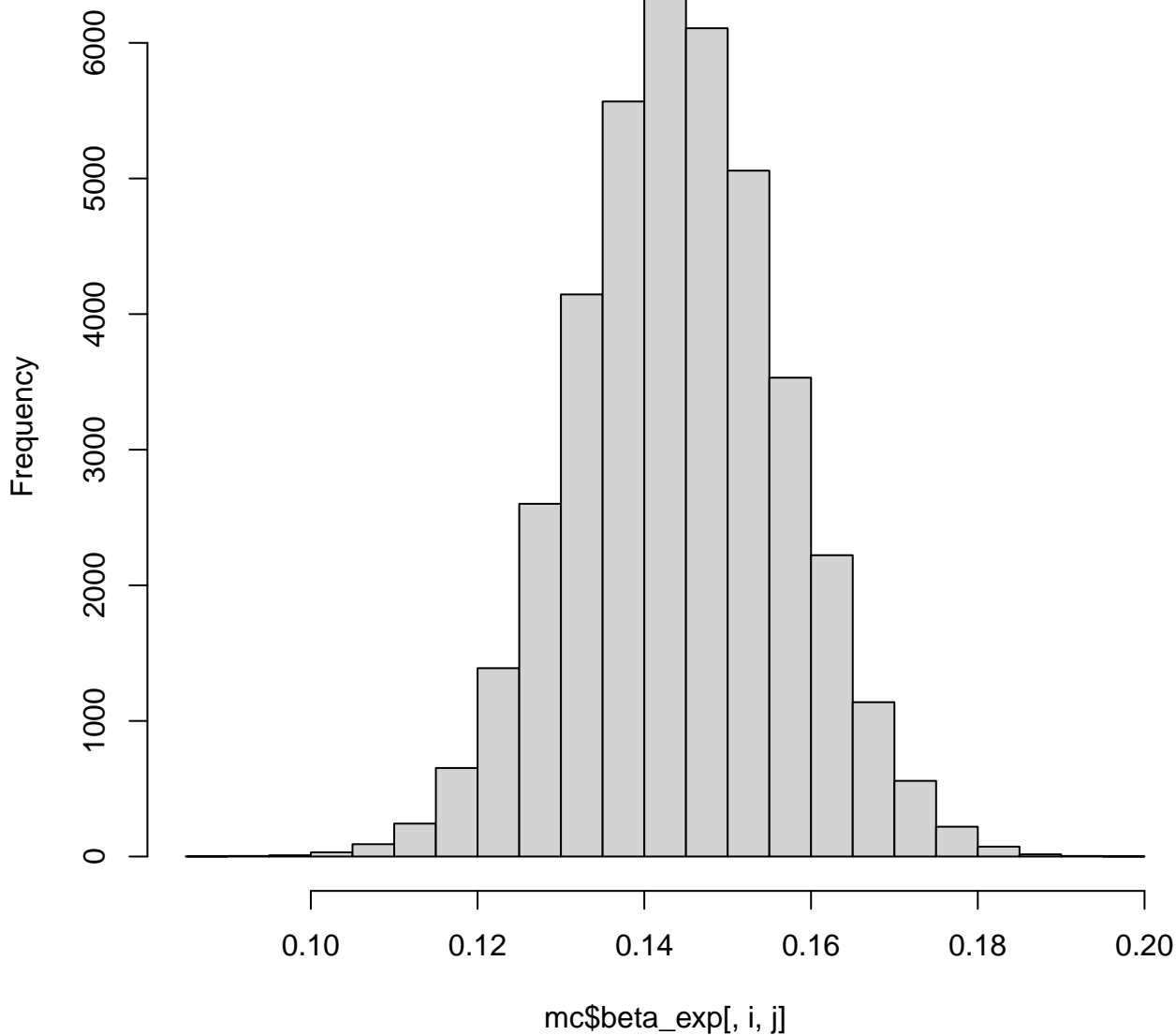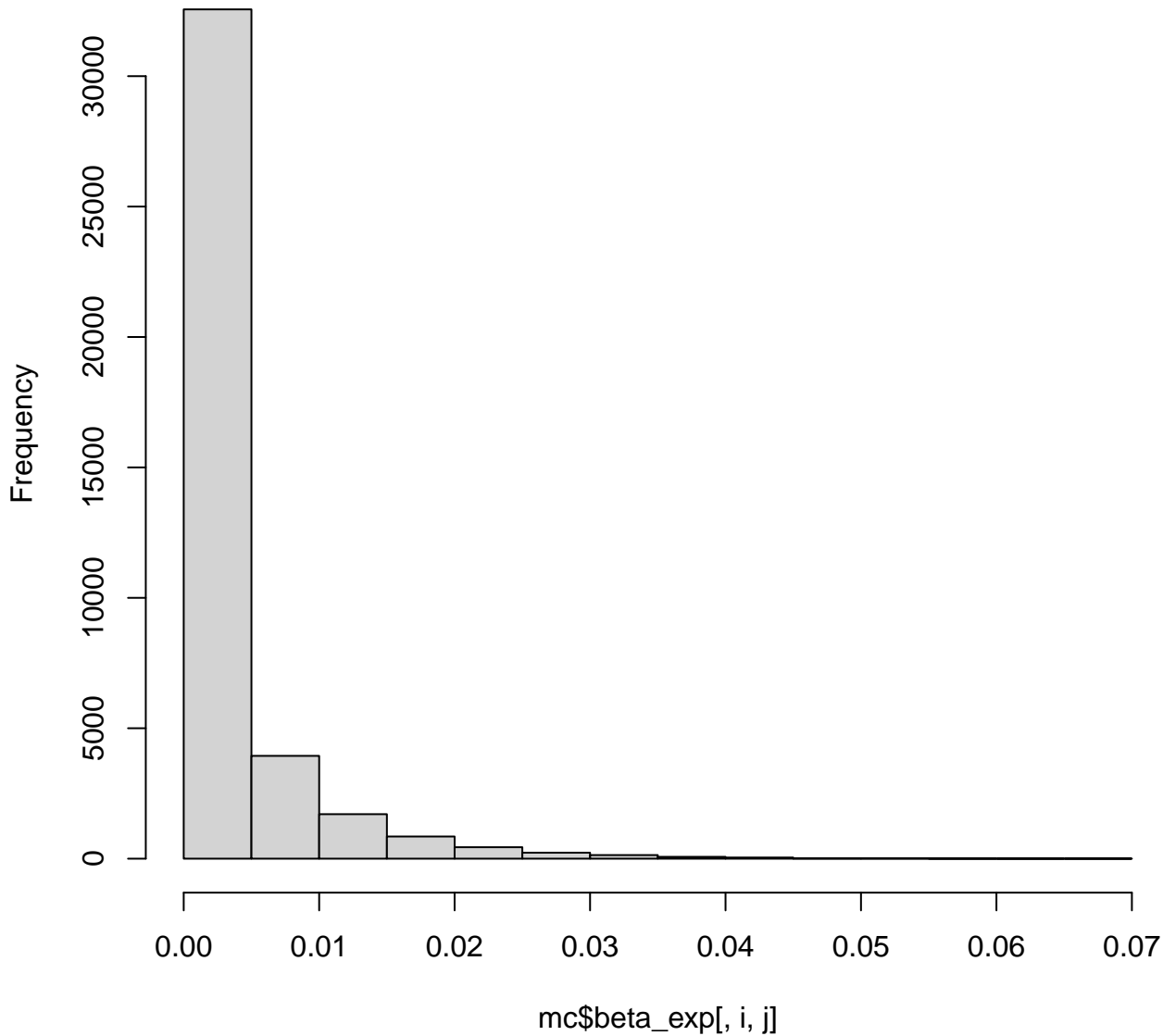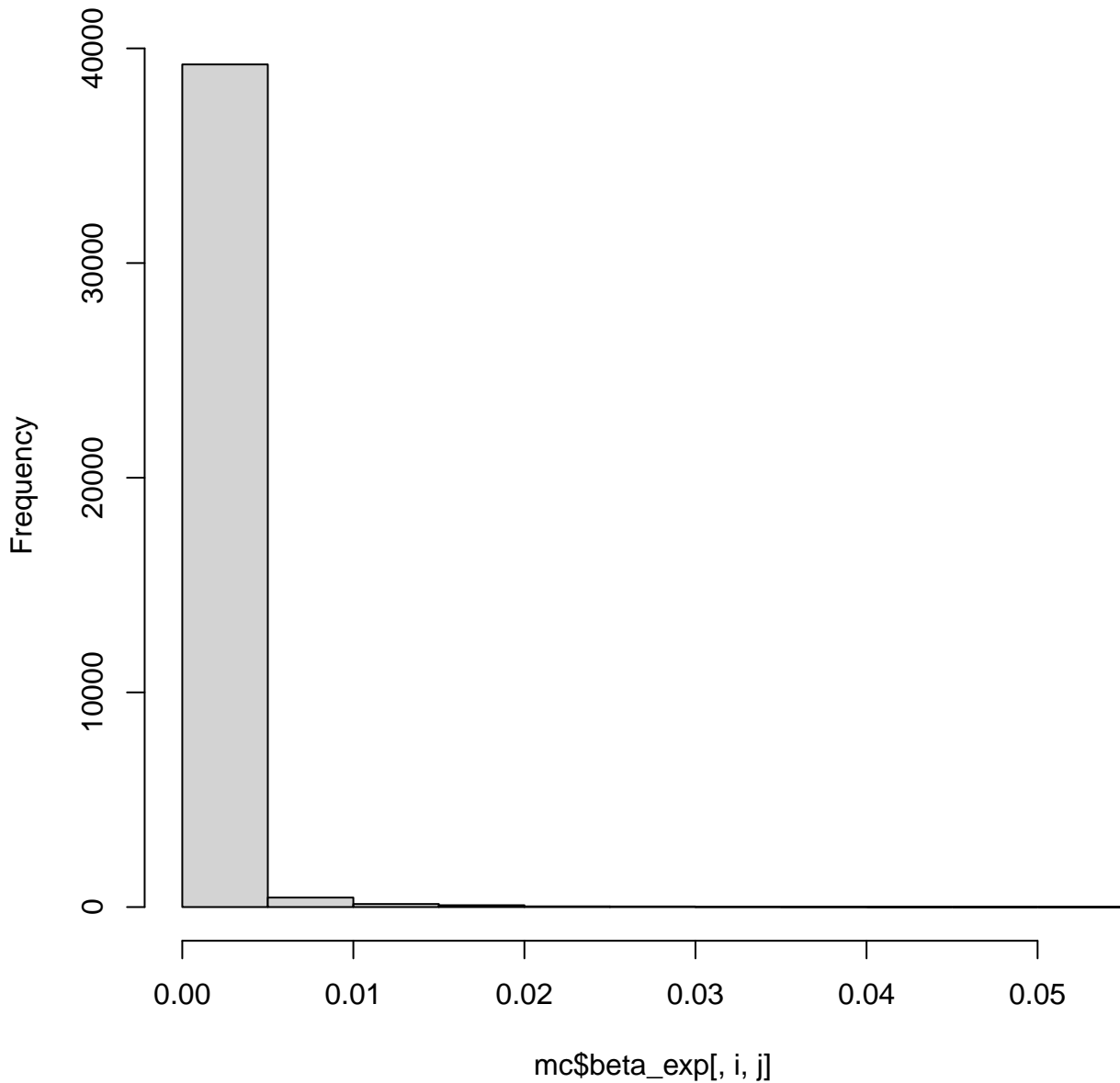
**Wilmington, DE: geo3**

Frequency

mc$beta_exp[, i, j]
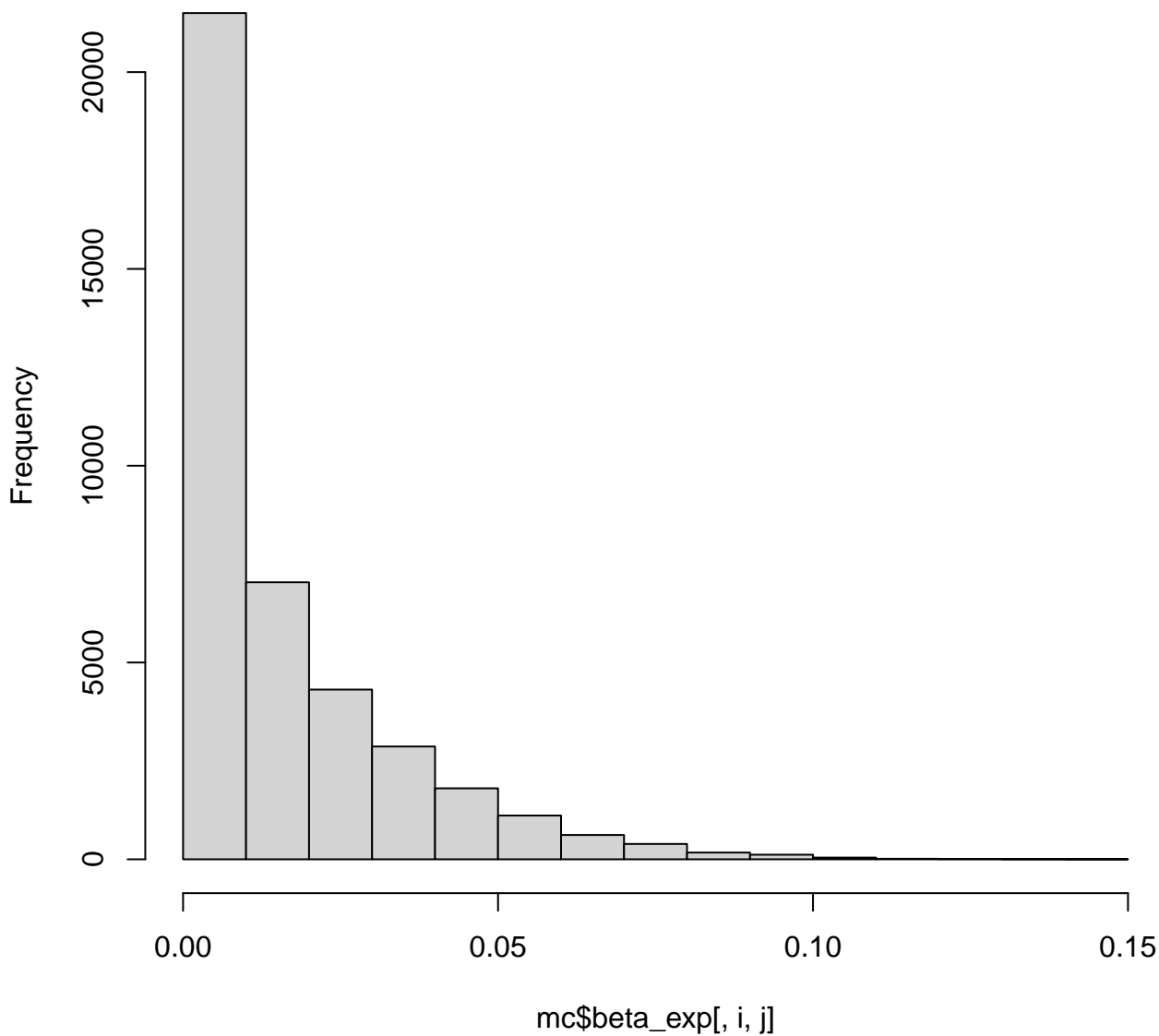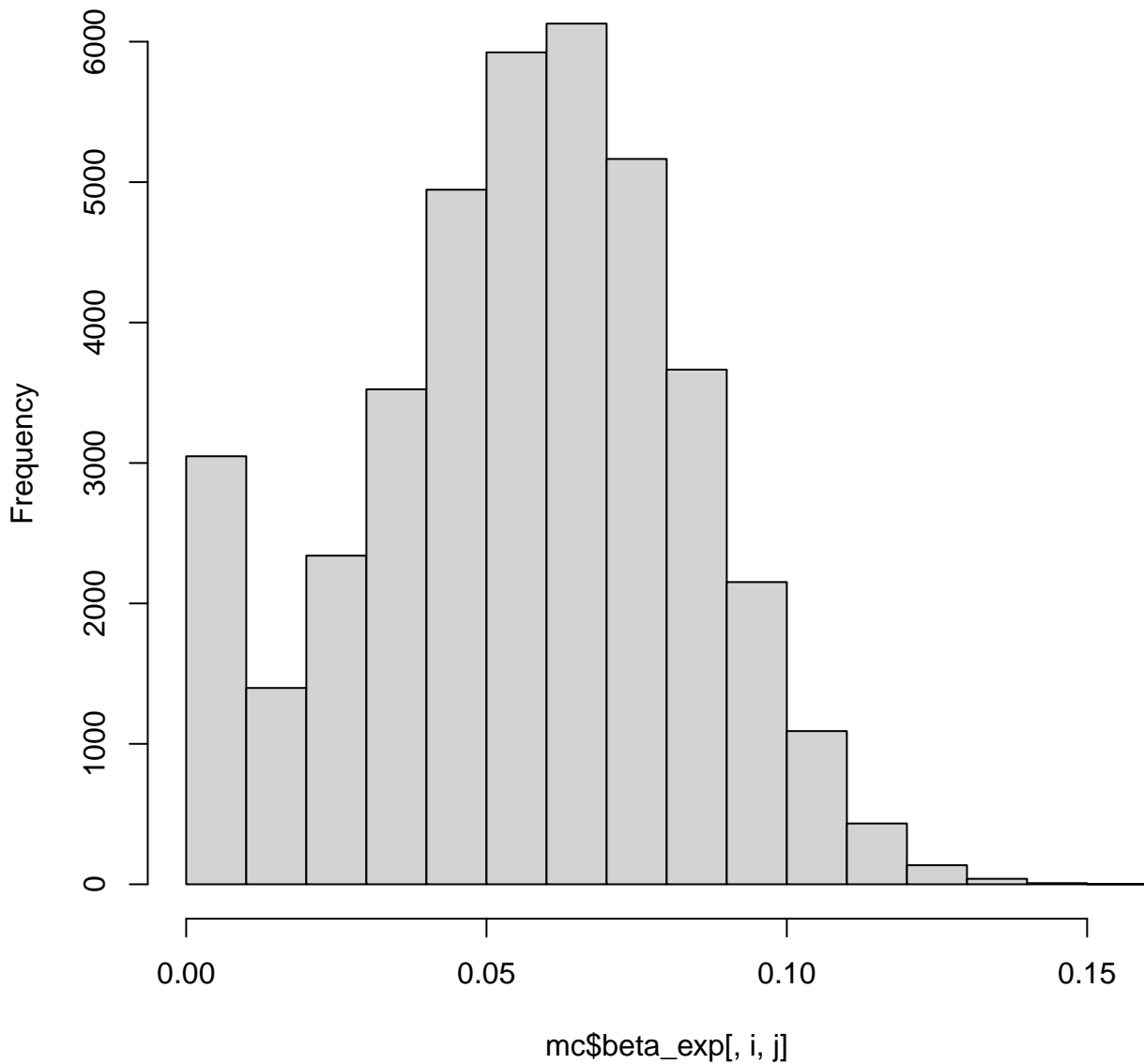
**Wilmington, DE: imp1**

**Wilmington, DE: imp2**

Frequency

mc$beta_exp[, i, j]
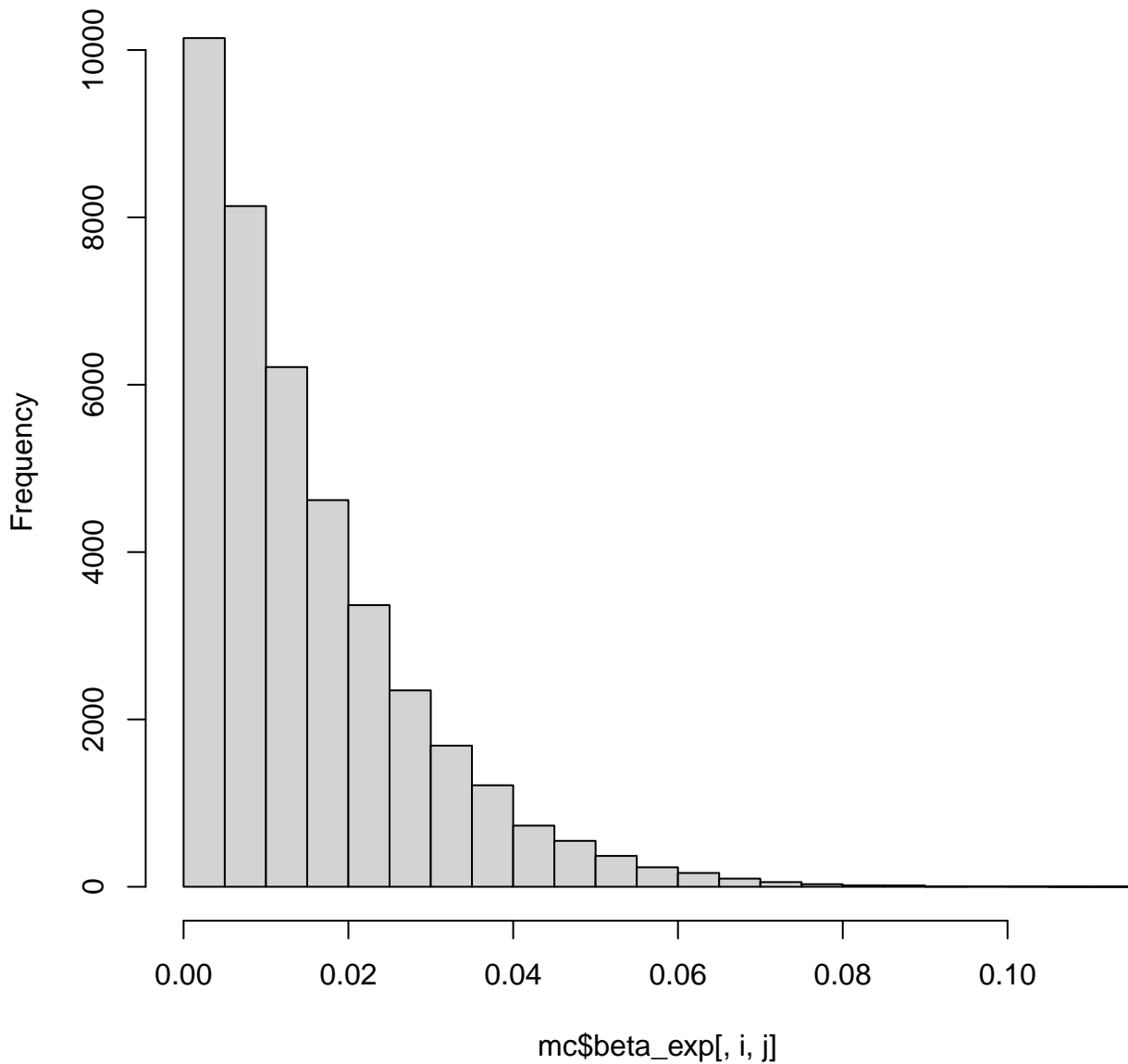
**Wilmington, DE: imp3**

**Wilmington, DE: gent**

Frequency

mc$beta_exp[, i, j]