MURI_016, GSM2469588, 3, exponential, glucose, 0.8, baseMg, 5, baseNa, 8, glucose_time_course

Empirical log10φ

Est. log10φ

ρ=0.4944204

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_017, GSM2469589, 4, exponential, glucose, 0.8, baseMg, 5, baseNa, 8, glucose_time_course

Est. log10ϕ

Empirical log10ϕ

ρ=0.4818366

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description
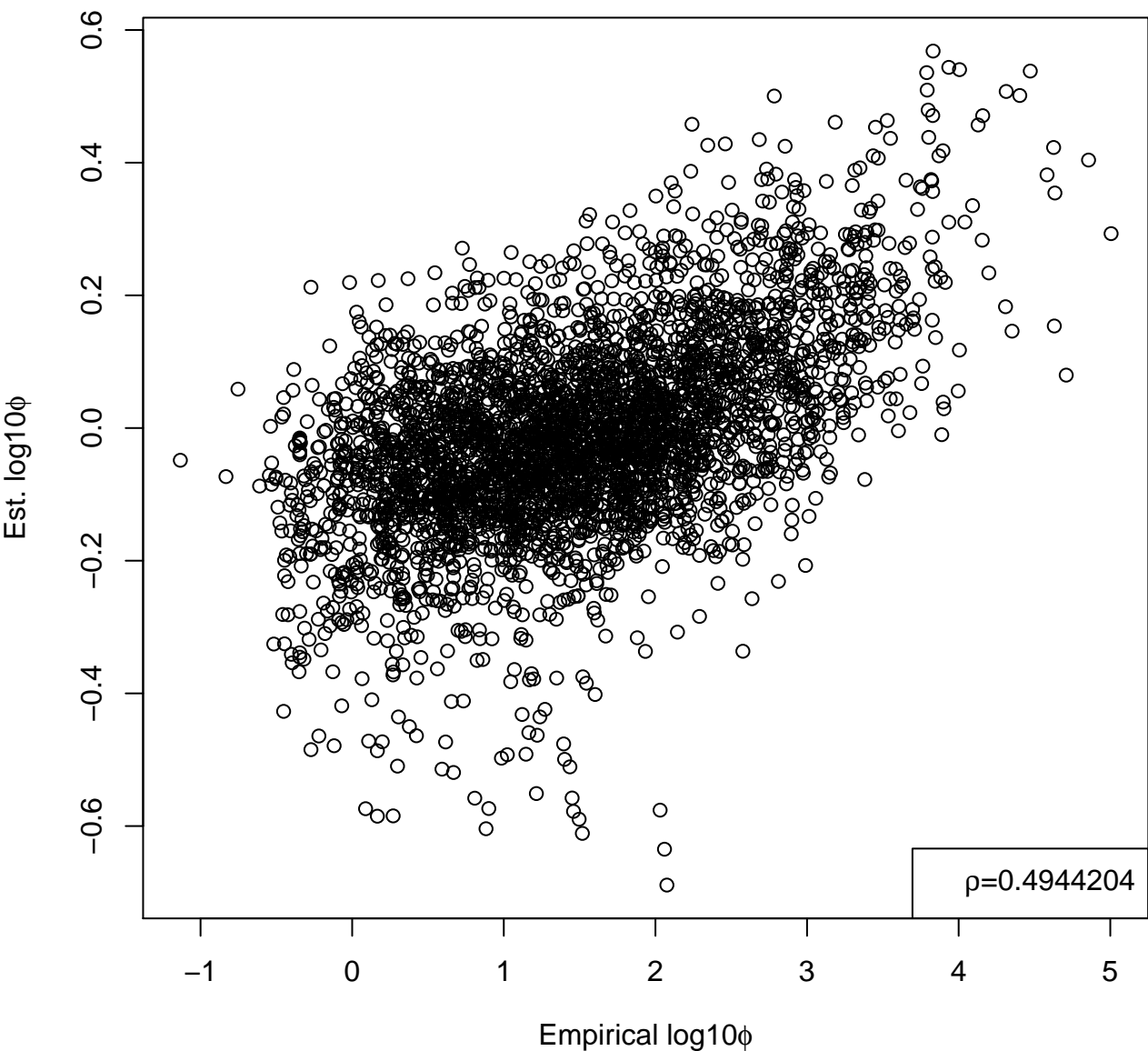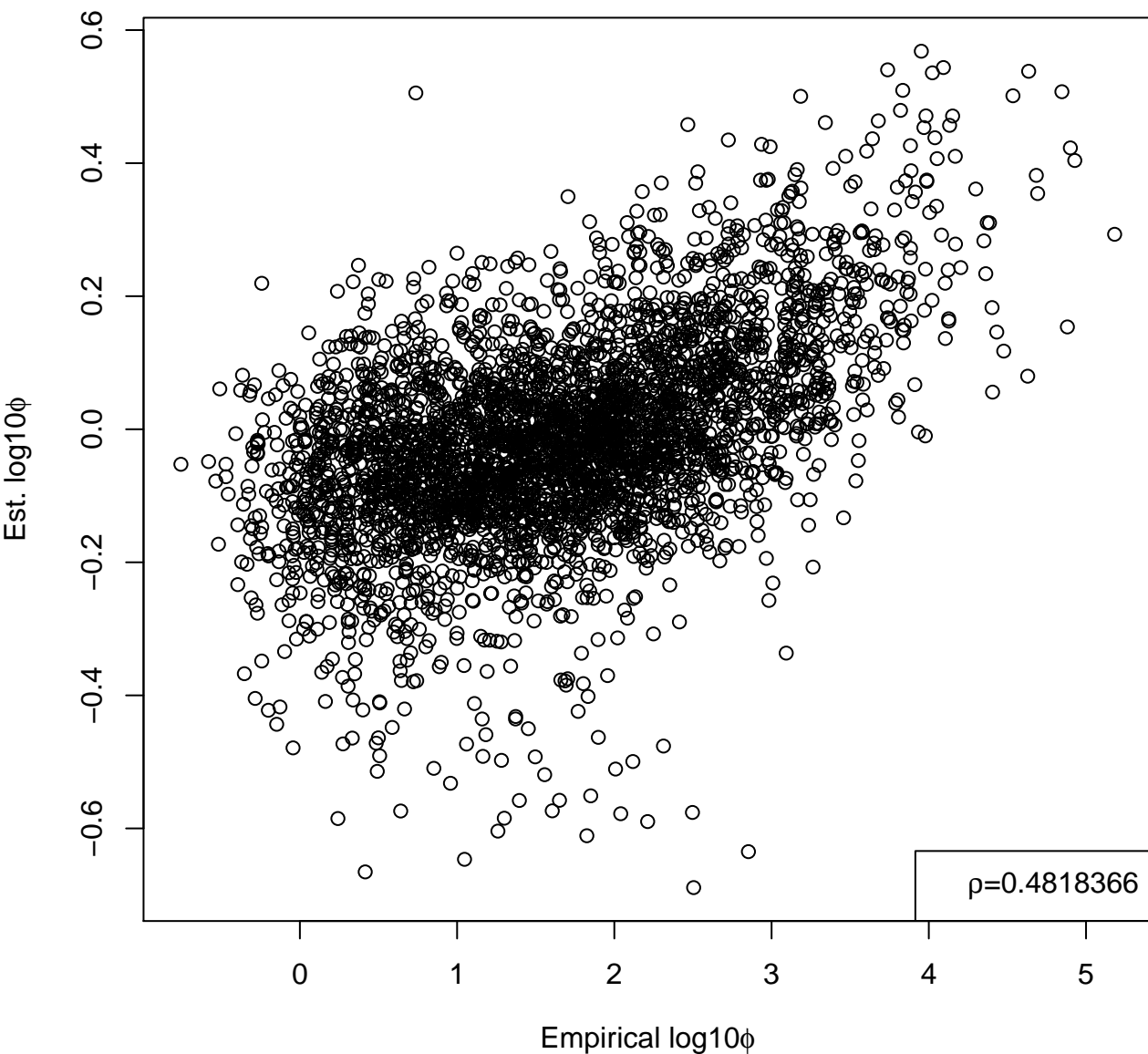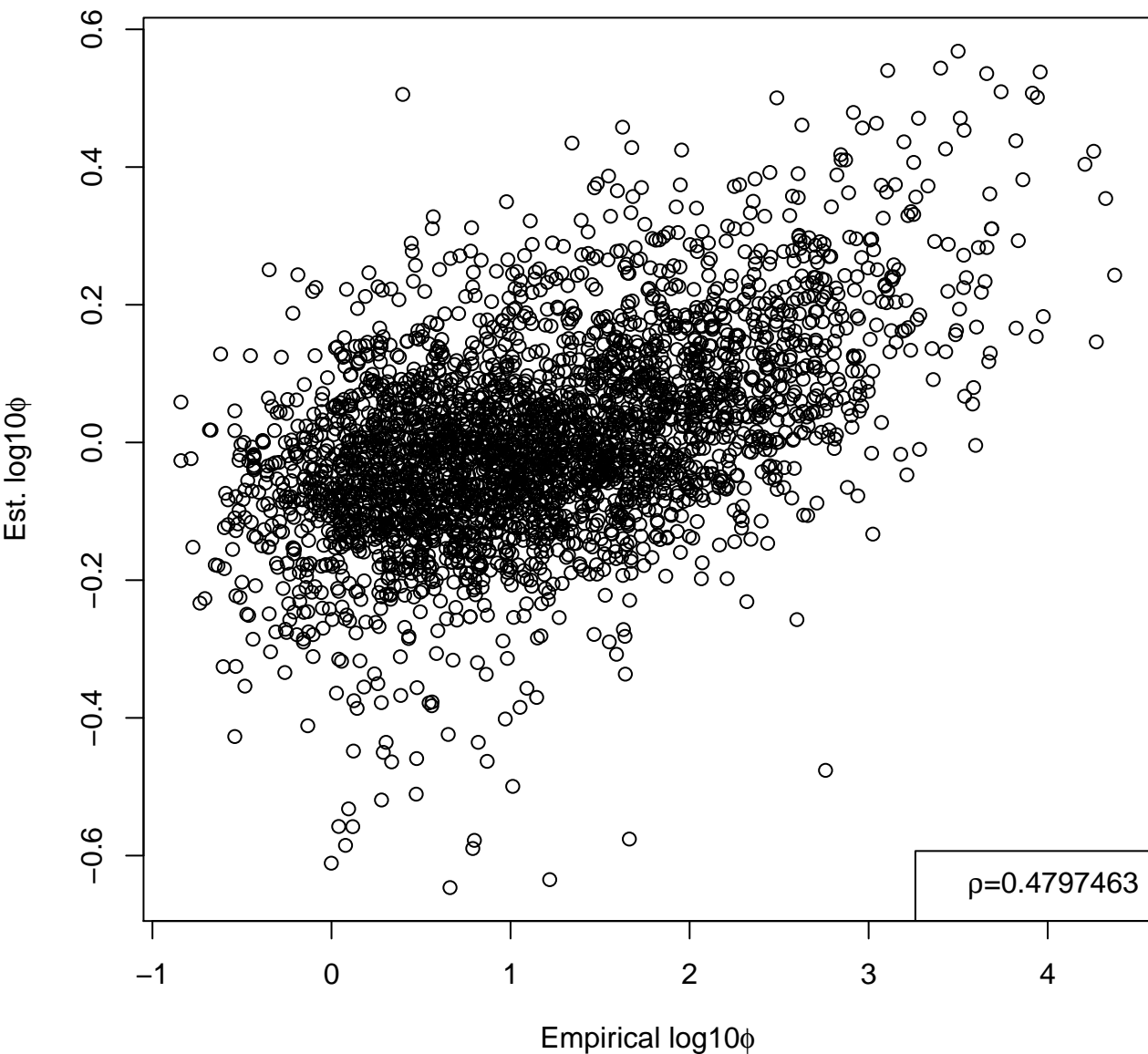
MURI_018, GSM2469590, 5, exponential, glucose, 0.8, baseMg, 5, baseNa, 8, glucose_time_course

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

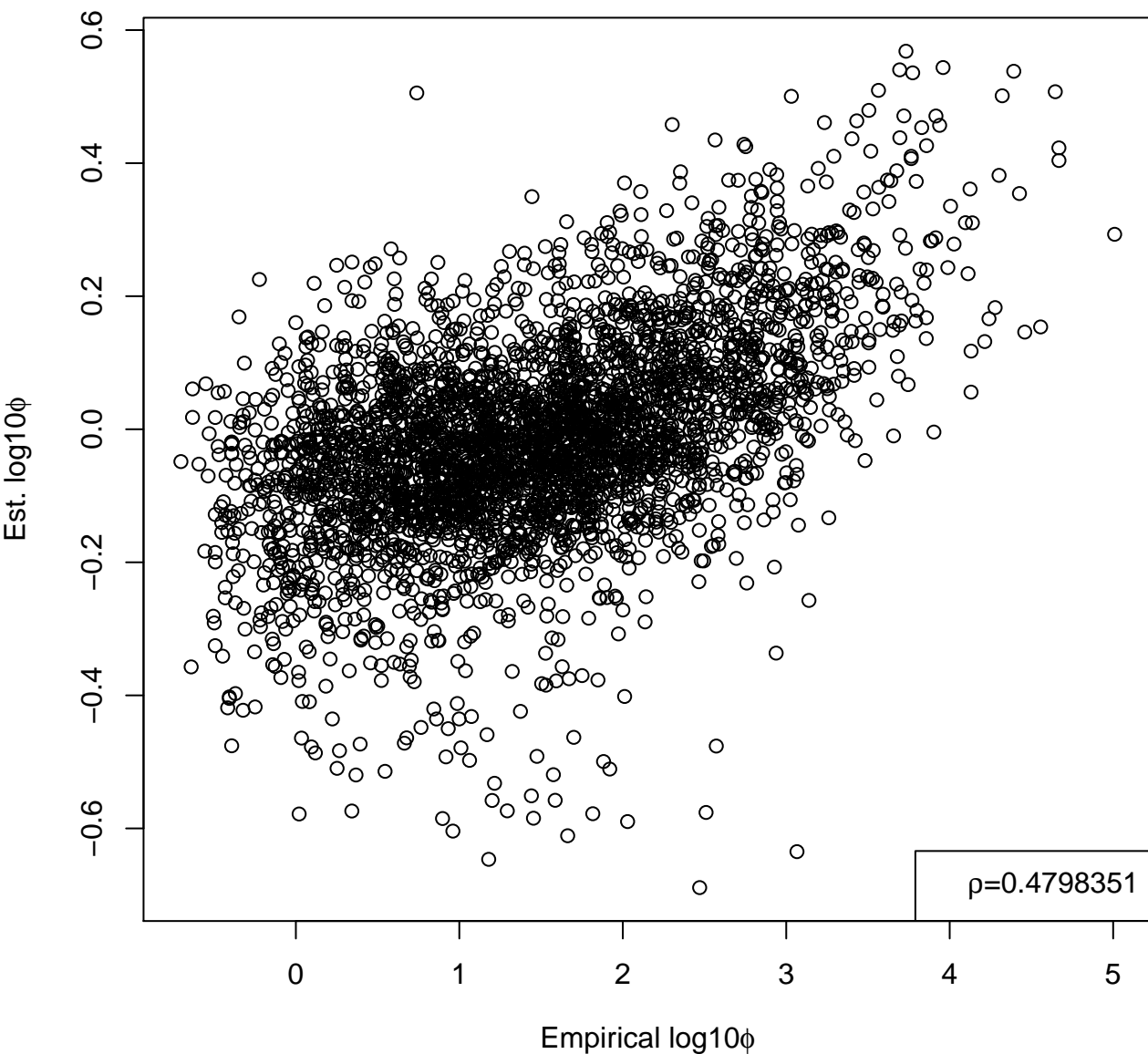**MURI_019, GSM2469591, 6, exponential, glucose, 0.8, baseMg, 5, baseNa, 8, glucose_time_course**

ρ=0.4798351

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

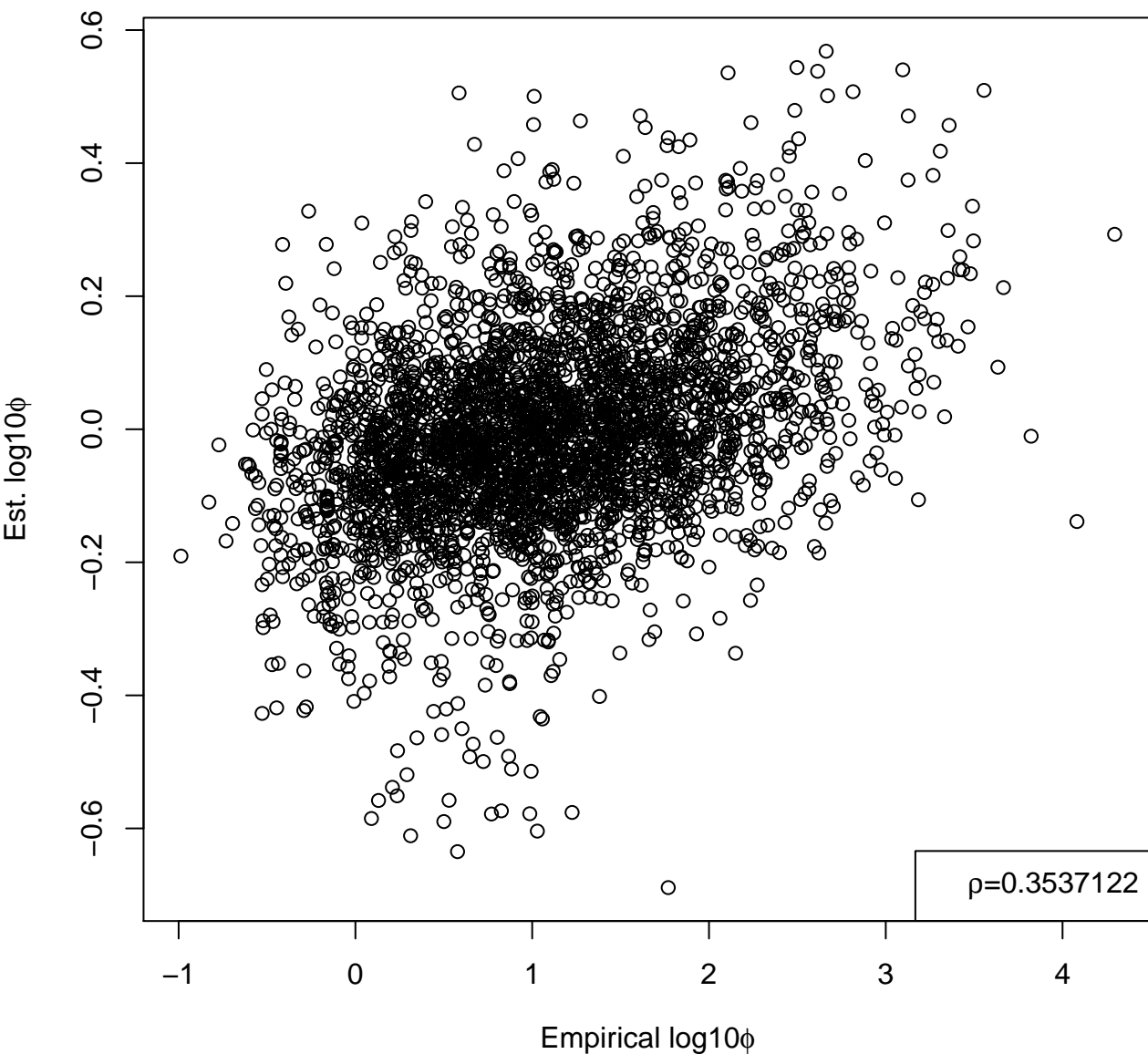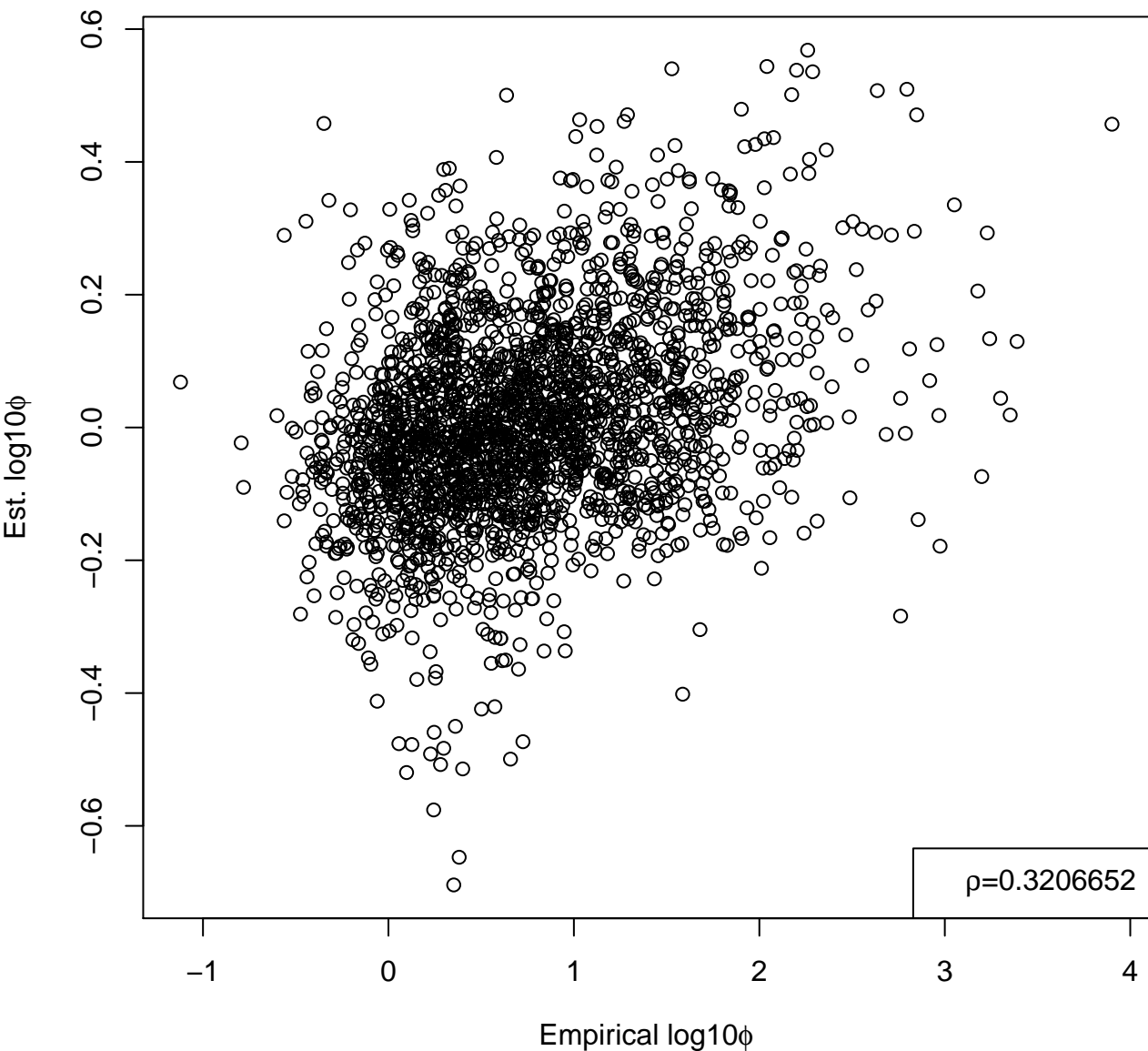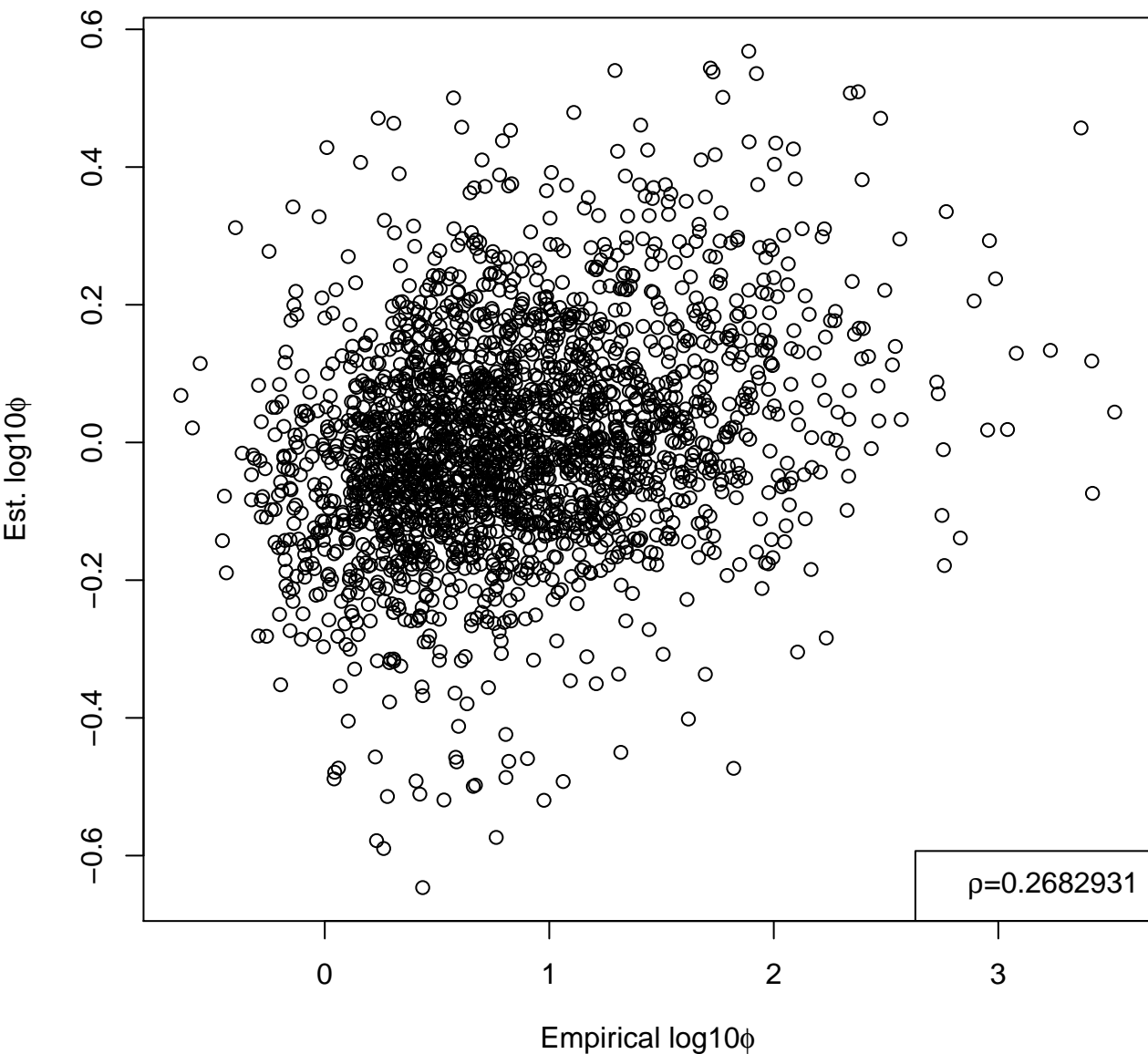**MURI_020, GSM2469592, 8, exponential, glucose, 0.8, baseMg, 5, baseNa, 8, glucose_time_course**

ρ=0.3537122

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_021, GSM2469593, 24, stationary, glucose, 0.8, baseMg, 5, baseNa, 8, glucose_time_course

Est. log10ϕ

Empirical log10ϕ

ρ=0.3206652

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

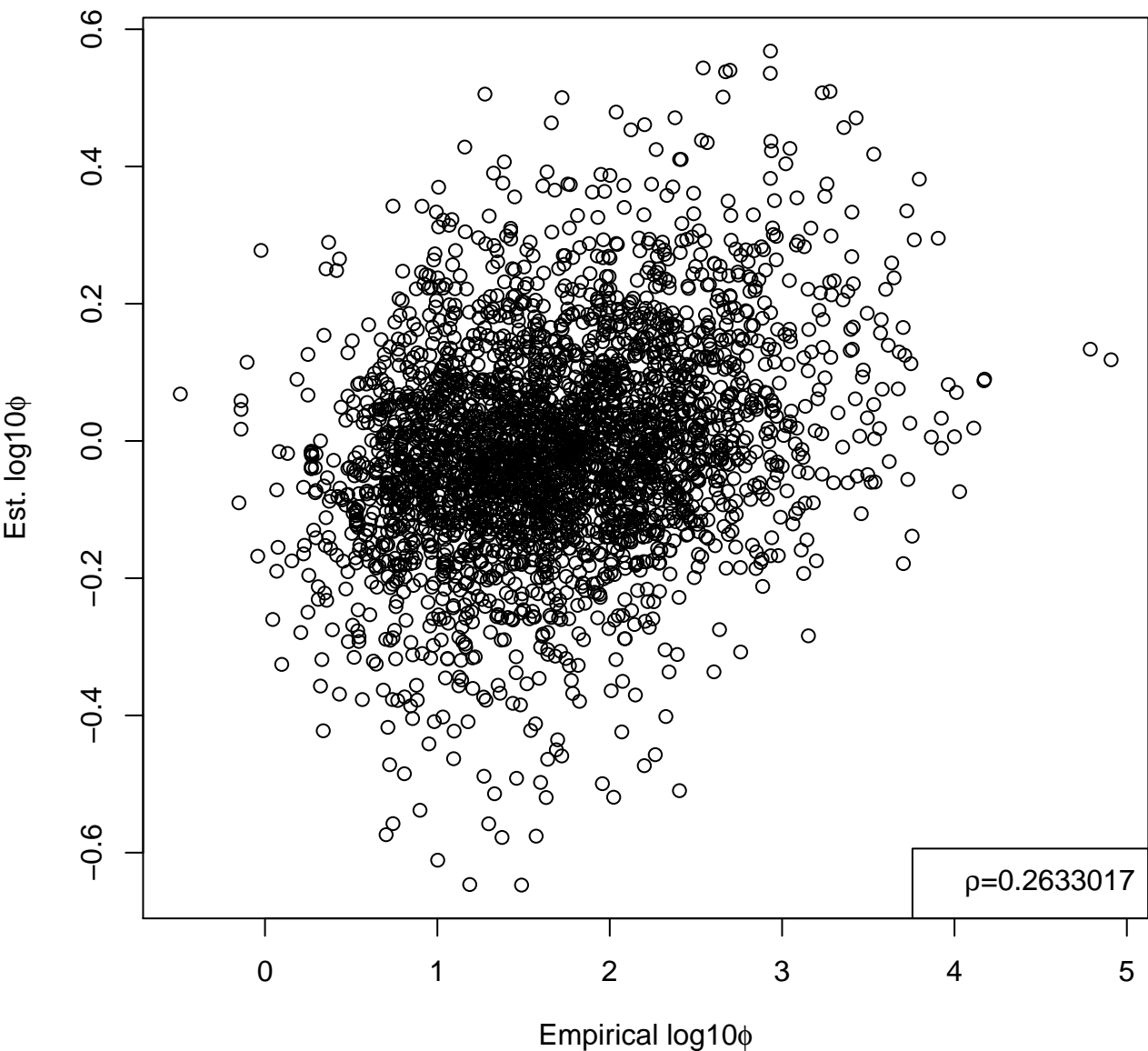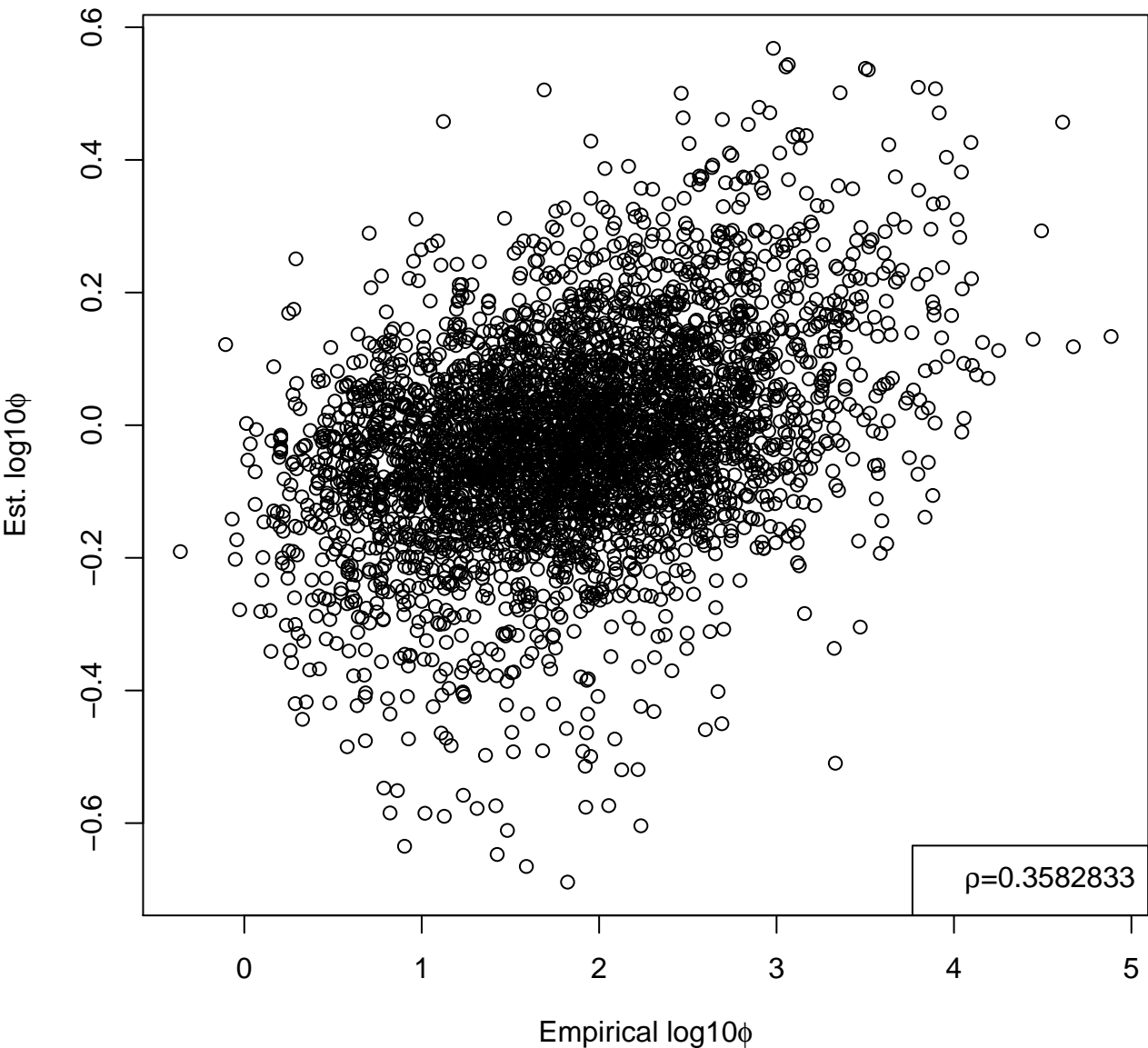**MURI_022, GSM2469594, 48, stationary, glucose, 0.8, baseMg, 5, baseNa, 8, glucose_time_course**

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_023, GSM2469595, 168, late_stationary, glucose, 0.8, baseMg, 5, baseNa, 8, glucose_time_cours

ρ=0.2633017

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_024, GSM2469596, 336, late_stationary, glucose, 0.8, baseMg, 5, baseNa, 8, glucose_time_cours

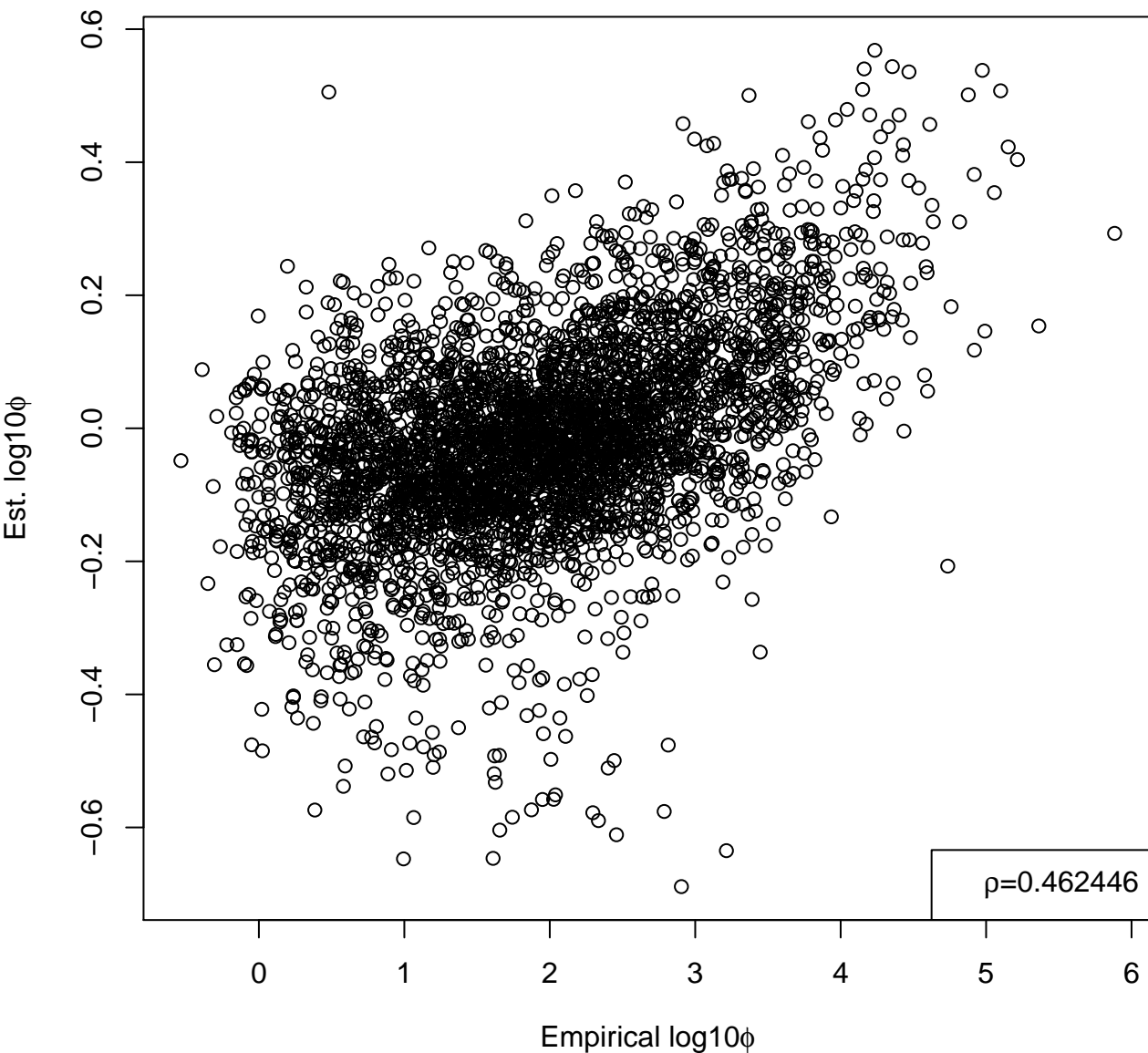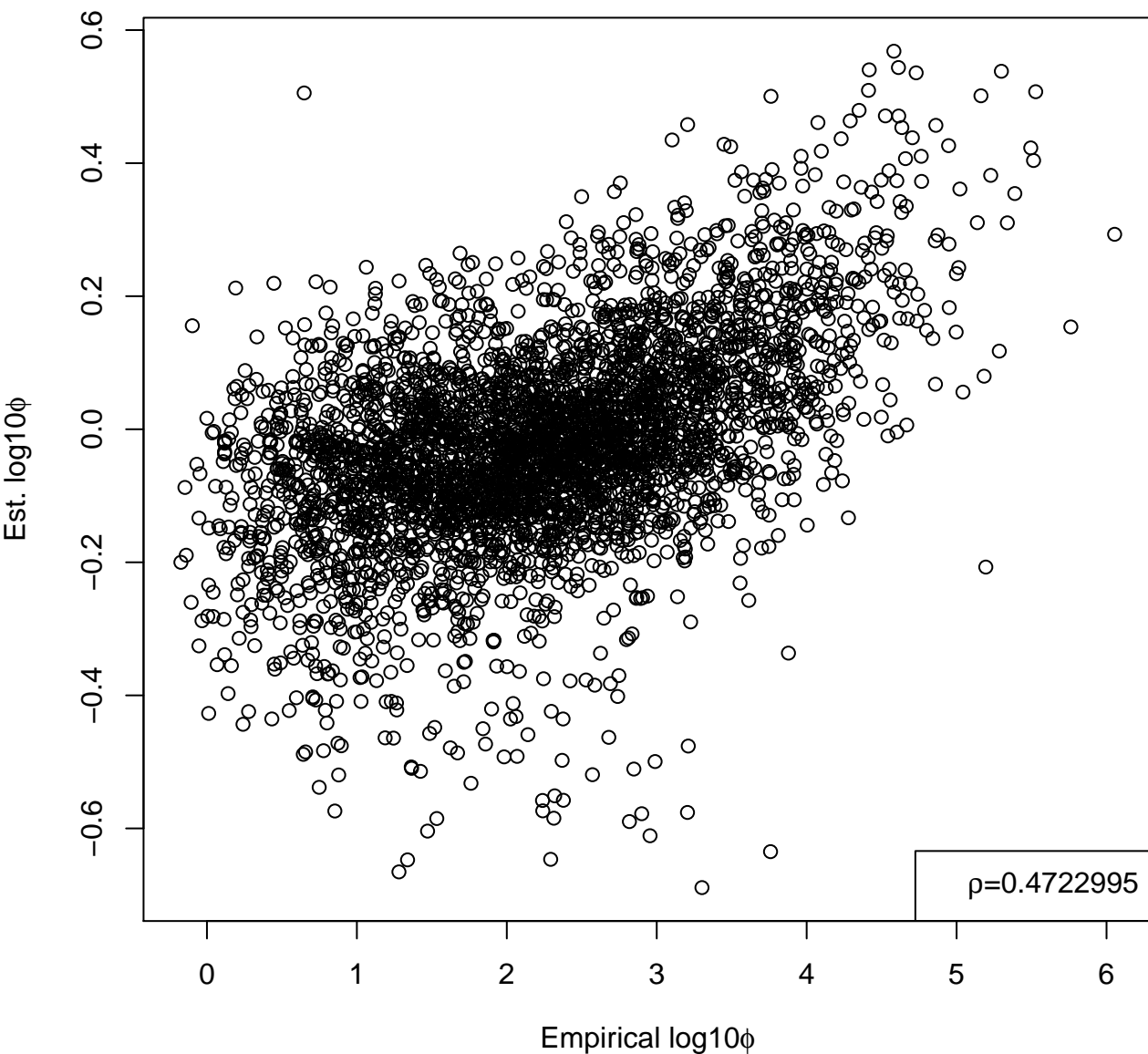Est. log10φ (y-axis)

Empirical log10φ (x-axis)

ρ=0.3582833

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_025, GSM2469597, 3, exponential, glucose, 0.8, baseMg, 5, baseNa, 9, glucose_time_course

ρ=0.462446

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_026, GSM2469598, 4, exponential, glucose, 0.8, baseMg, 5, baseNa, 9, glucose_time_course

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

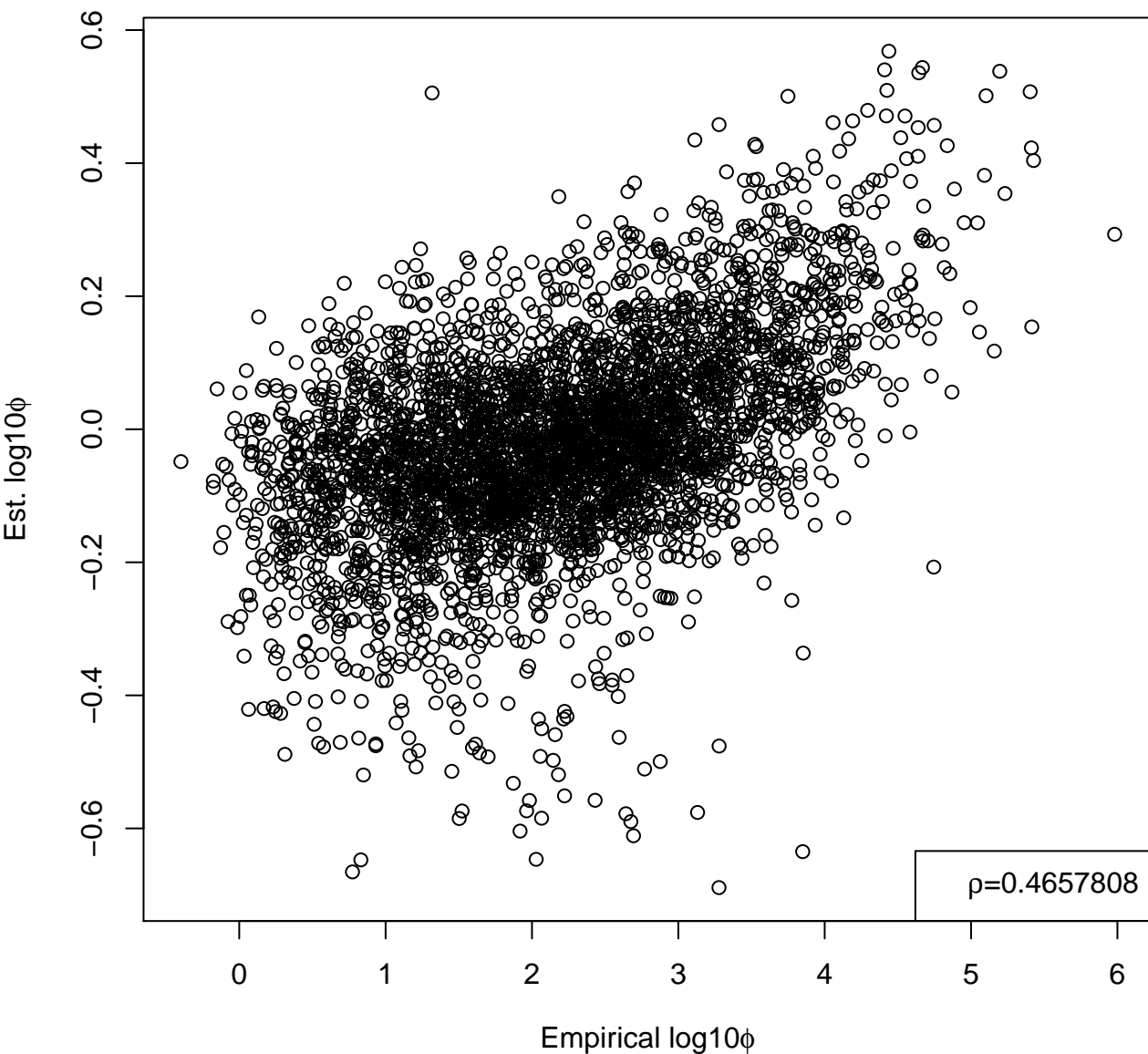**MURI_027, GSM2469599, 5, exponential, glucose, 0.8, baseMg, 5, baseNa, 9, glucose_time_course**

ρ=0.4657808

Est. log10φ

Empirical log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

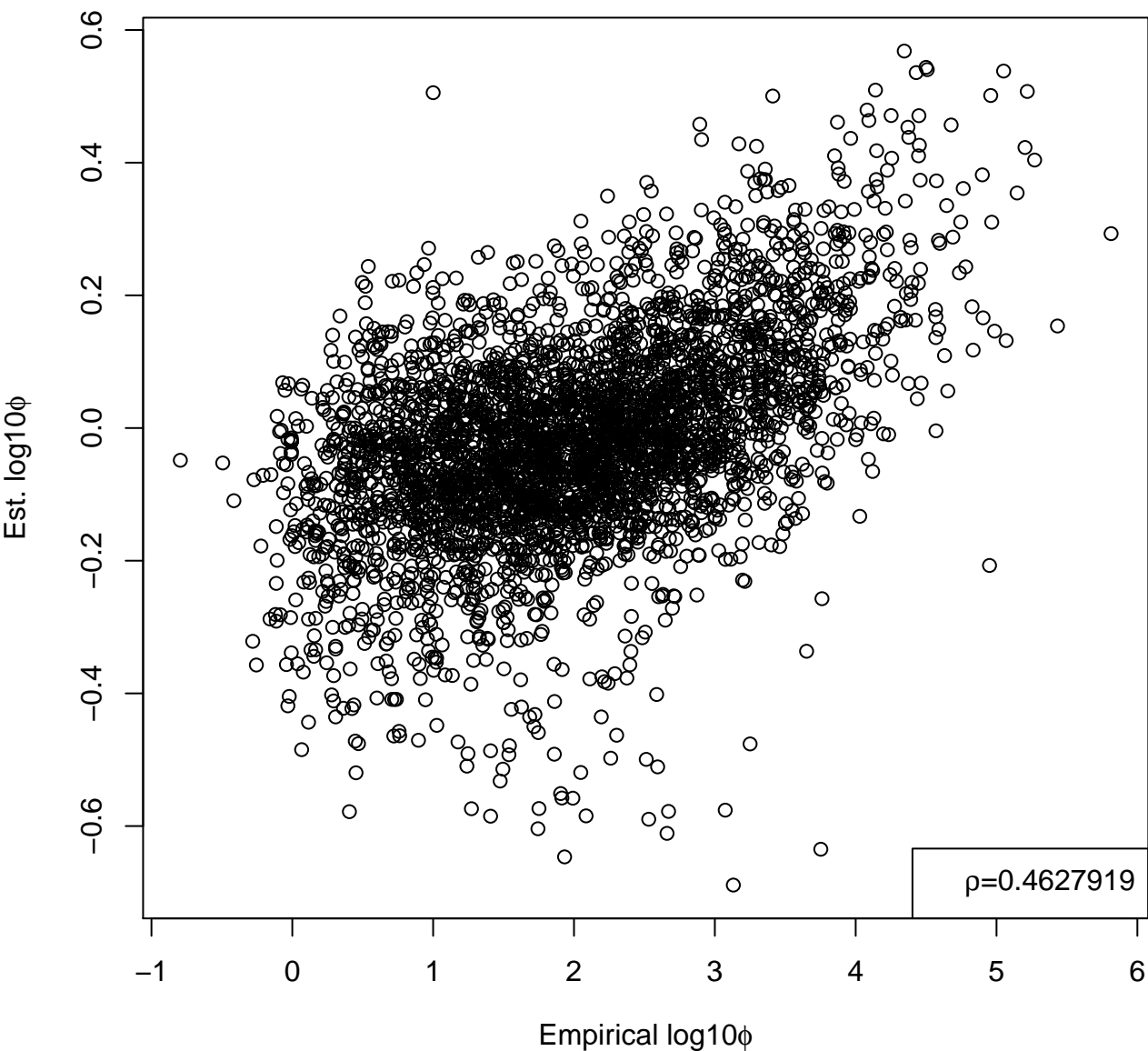**MURI_028, GSM2469600, 6, exponential, glucose, 0.8, baseMg, 5, baseNa, 9, glucose_time_course**
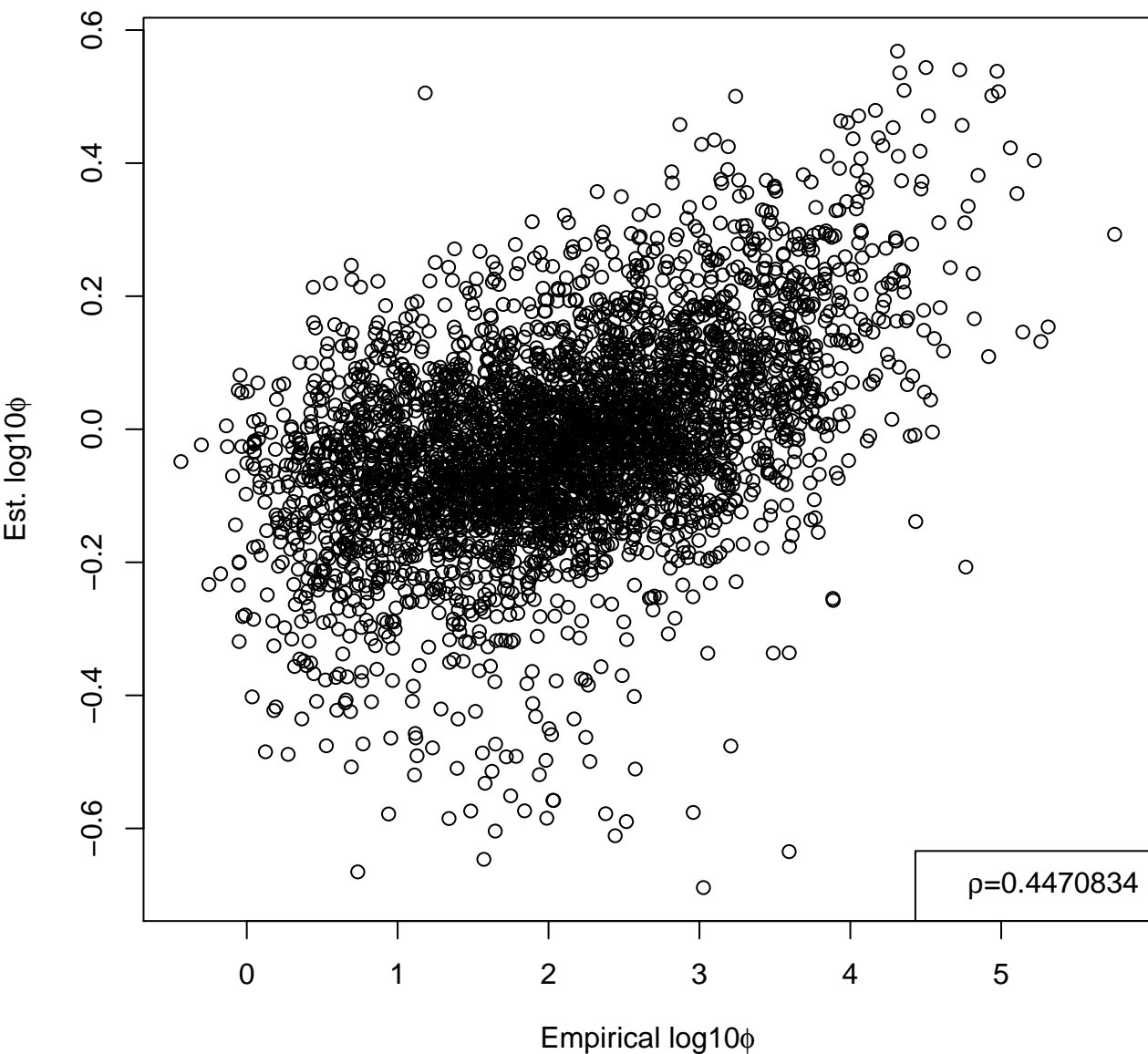
Est. log10φ (y-axis)

Empirical log10φ (x-axis)

ρ=0.4627919

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

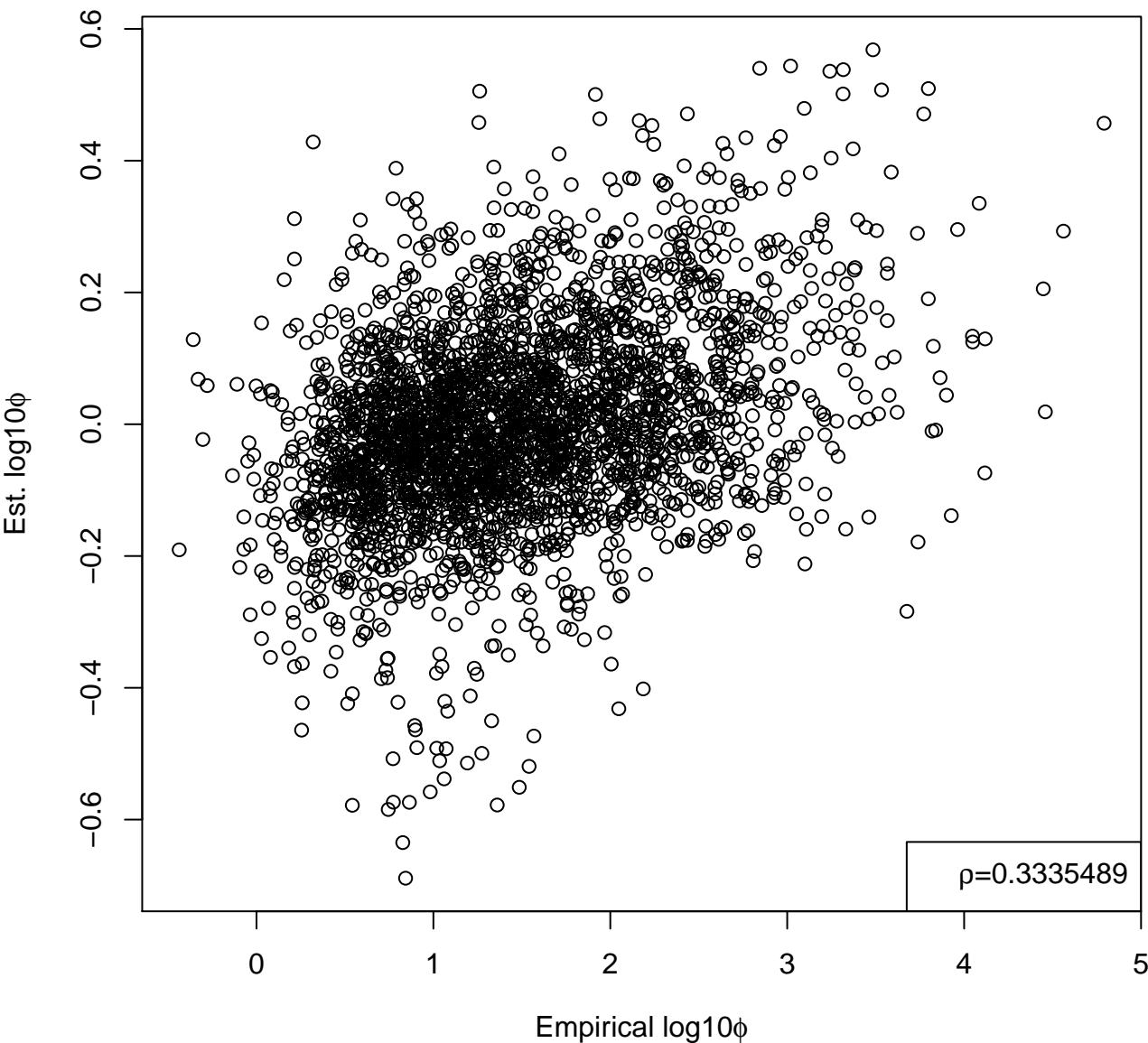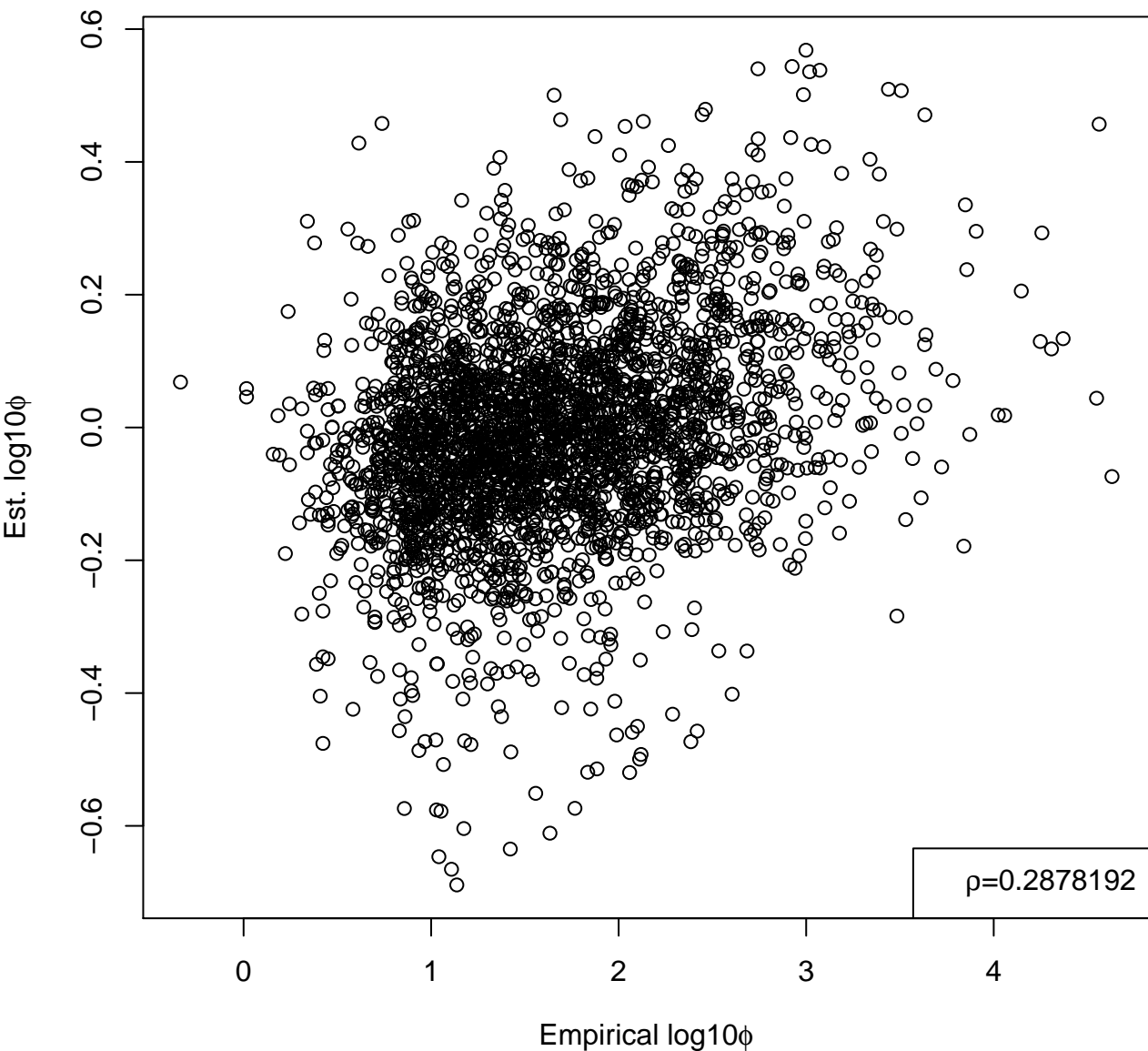**MURI_029, GSM2469601, 8, exponential, glucose, 0.8, baseMg, 5, baseNa, 9, glucose_time_course**

Est. log10ϕ

ρ=0.4470834

Empirical log10ϕ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_030, GSM2469602, 24, stationary, glucose, 0.8, baseMg, 5, baseNa, 9, glucose_time_course

ρ=0.3335489

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

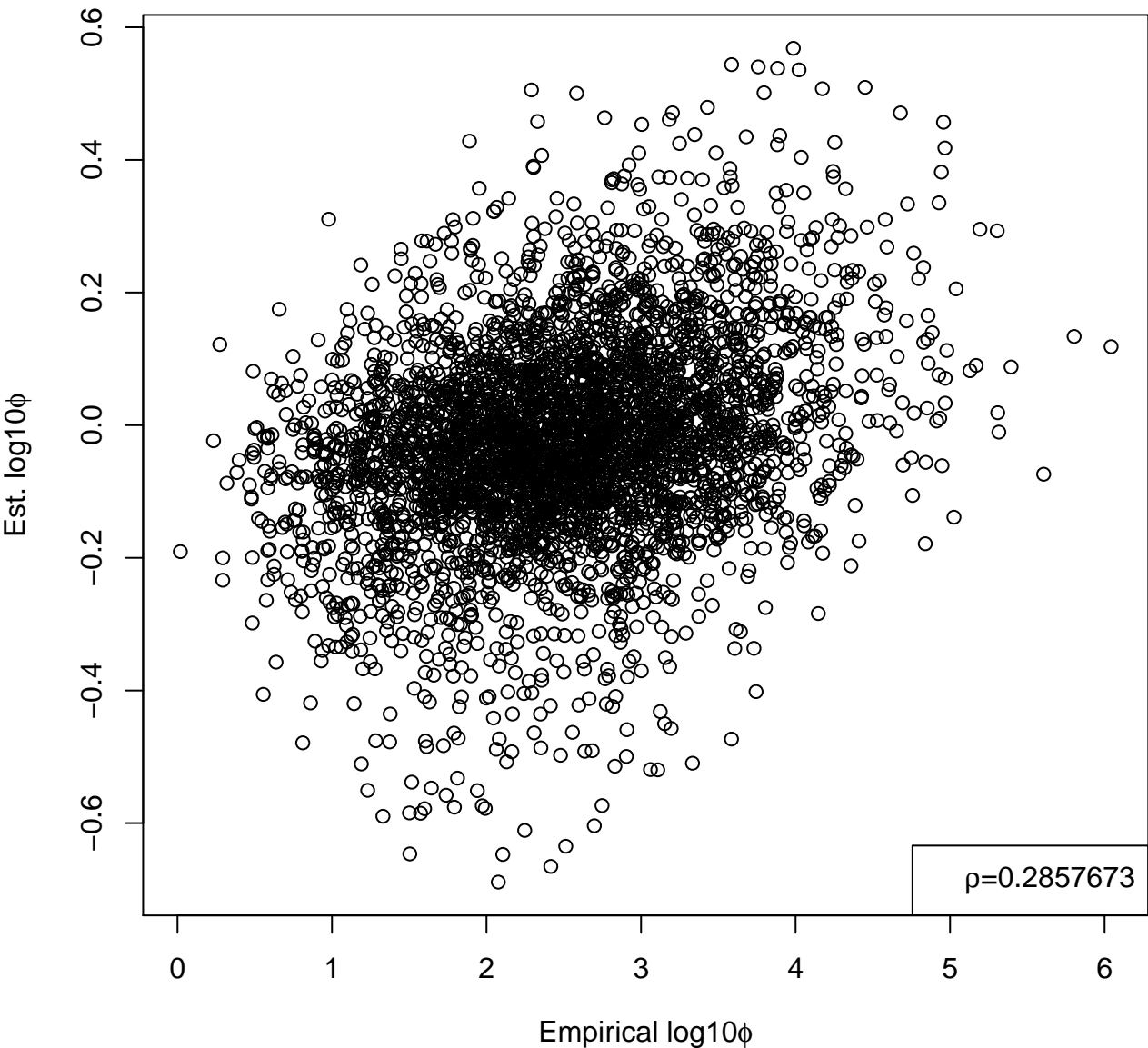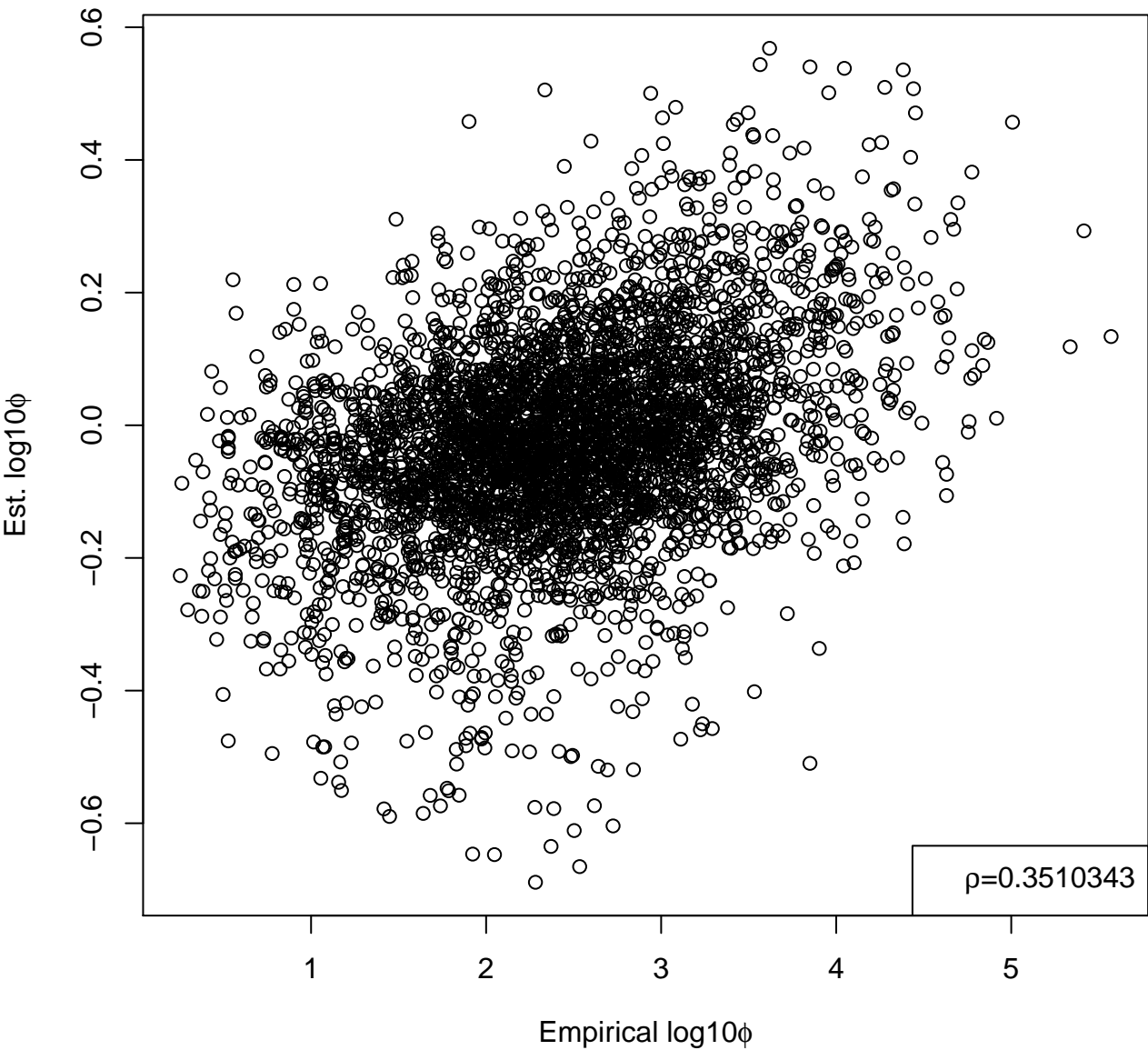**MURI_031, GSM2469603, 48, stationary, glucose, 0.8, baseMg, 5, baseNa, 9, glucose_time_course**

ρ=0.2878192

Est. log10φ

Empirical log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_032, GSM2469604, 168, late_stationary, glucose, 0.8, baseMg, 5, baseNa, 9, glucose_time_cours

Est. log10φ

Empirical log10φ

ρ=0.2857673

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_033, GSM2469605, 336, late_stationary, glucose, 0.8, baseMg, 5, baseNa, 9, glucose_time_cours
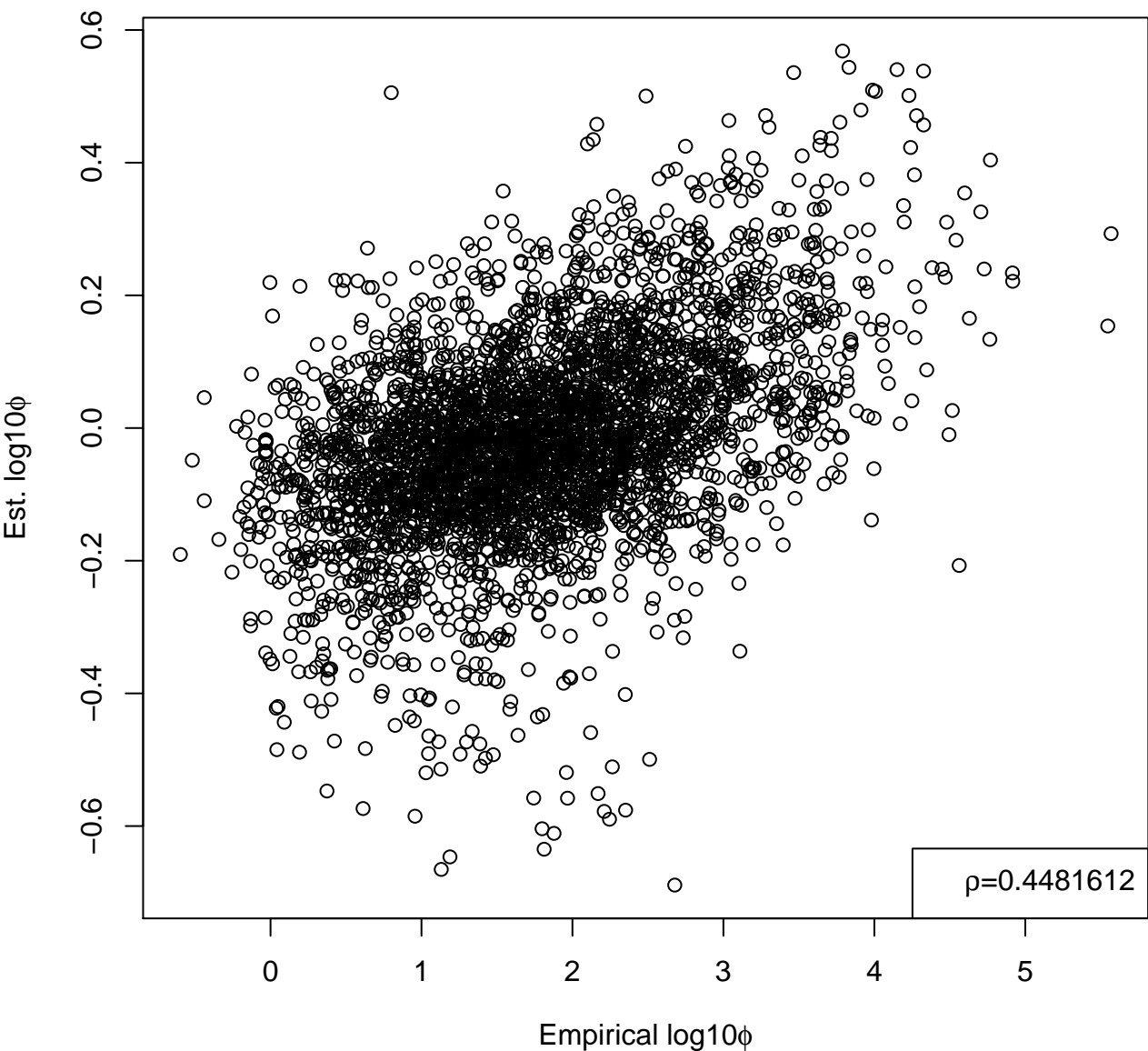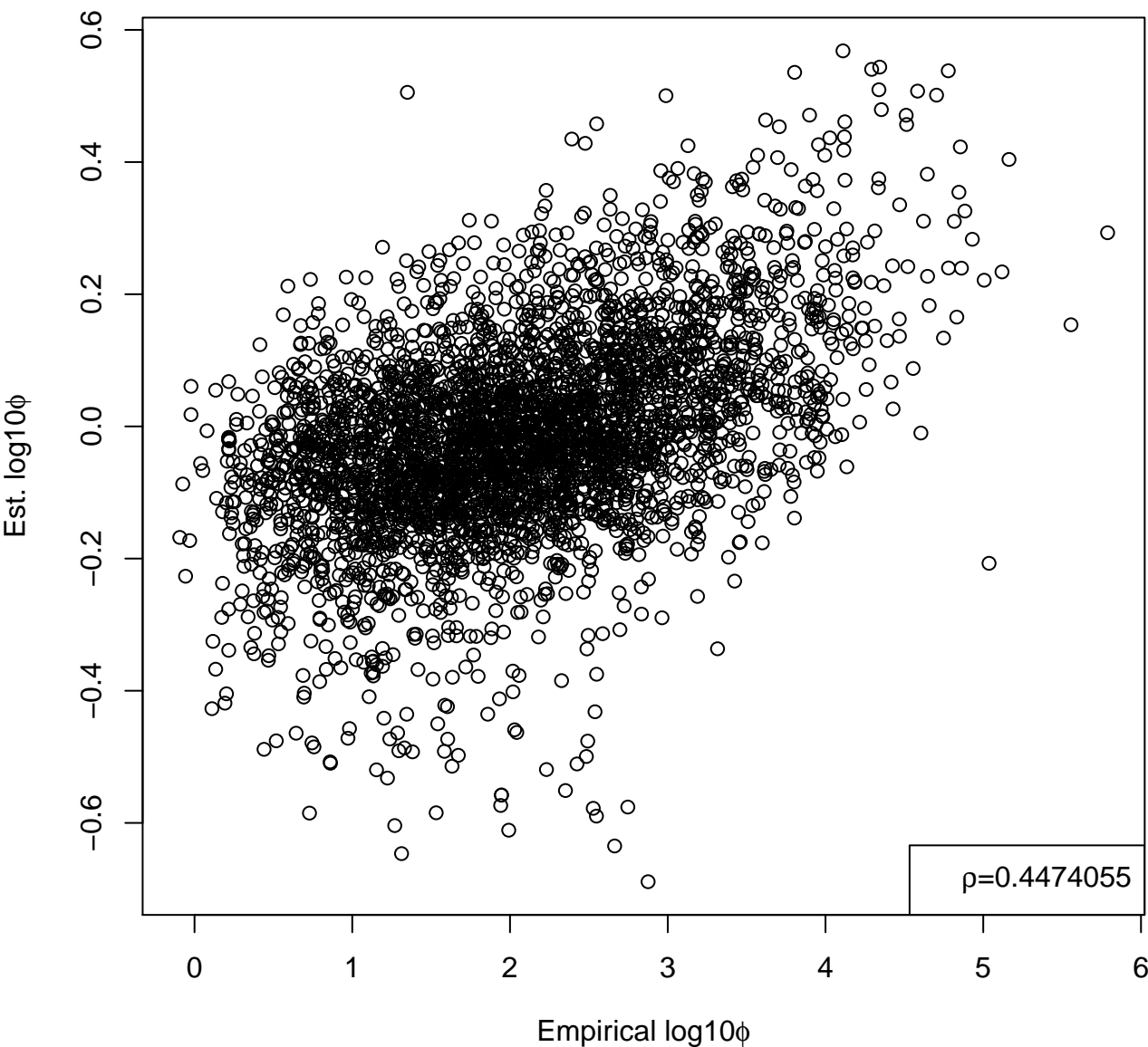
Est. log10φ

Empirical log10φ

ρ=0.3510343

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_034, GSM2469606, 5, exponential, glycerol, 0.8, baseMg, 5, baseNa, 10, glycerol_time_course

$\rho=0.4481612$

Est. log10ϕ

Empirical log10ϕ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_035, GSM2469607, 7, exponential, glycerol, 0.8, baseMg, 5, baseNa, 10, glycerol_time_course

ρ=0.4474055

Empirical log10ϕ

Est. log10ϕ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

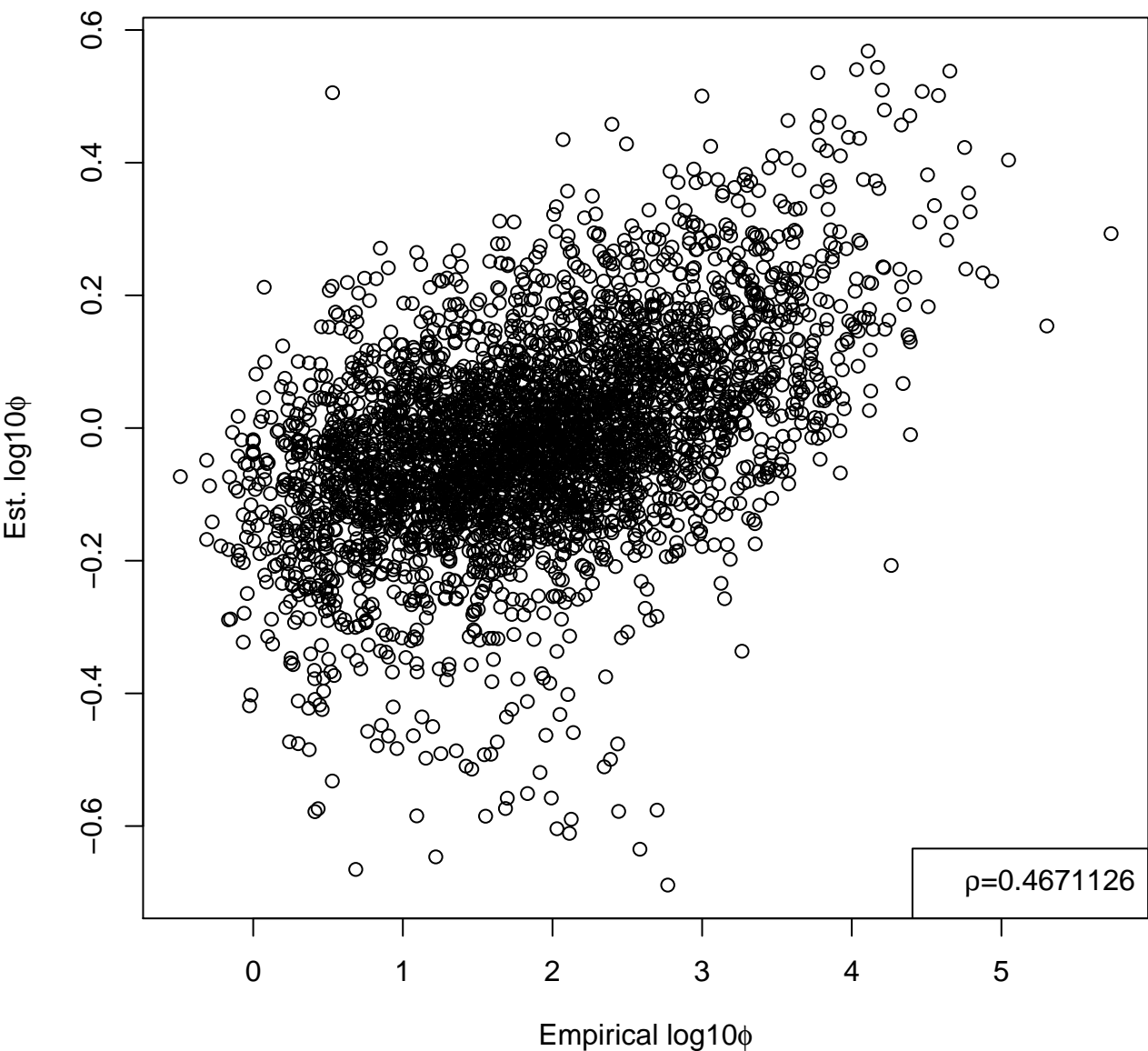**MURI_036, GSM2469608, 8, exponential, glycerol, 0.8, baseMg, 5, baseNa, 10, glycerol_time_course**

ρ=0.4671126

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

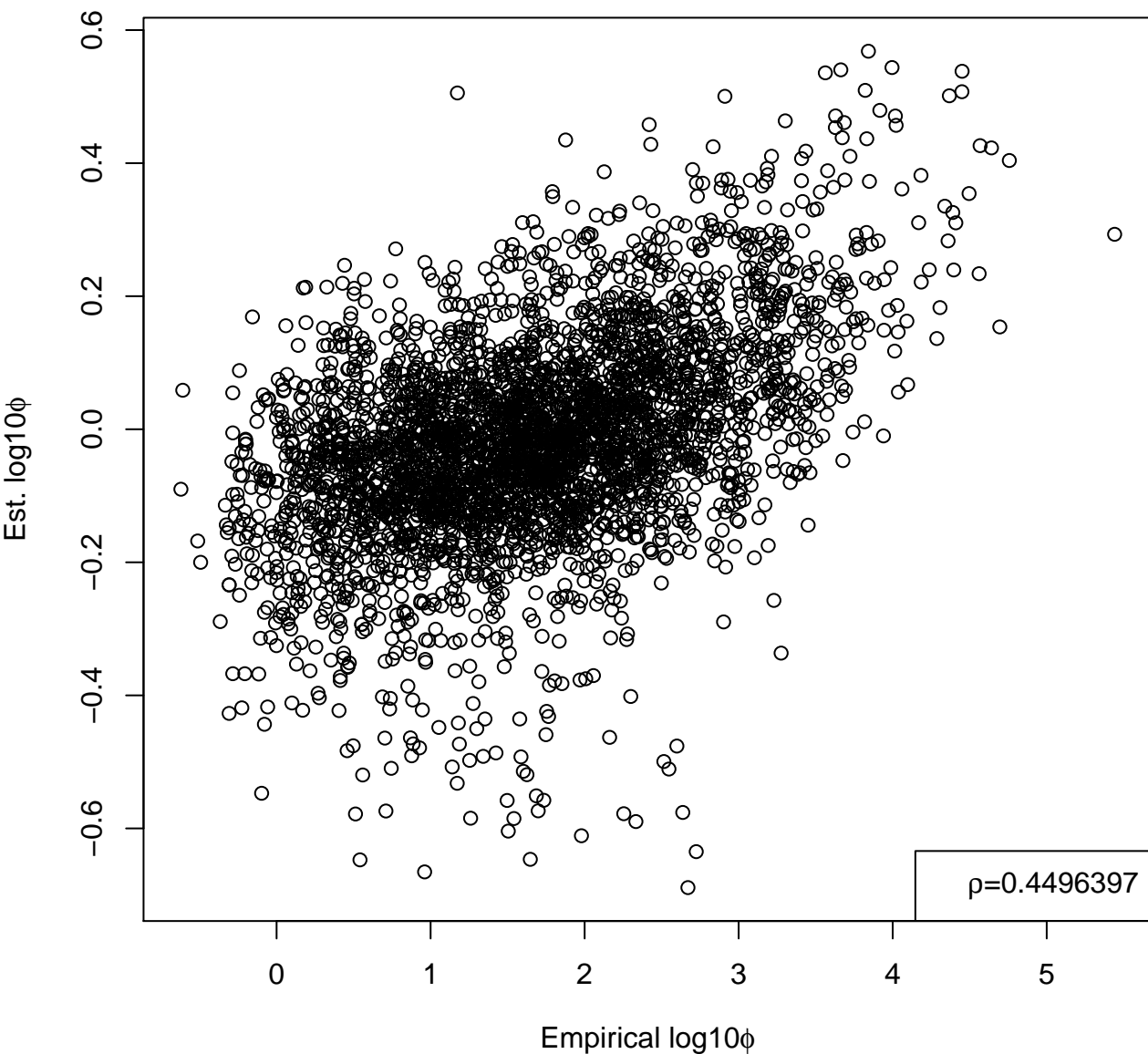**MURI_037, GSM2469609, 10, exponential, glycerol, 0.8, baseMg, 5, baseNa, 10, glycerol_time_course**

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

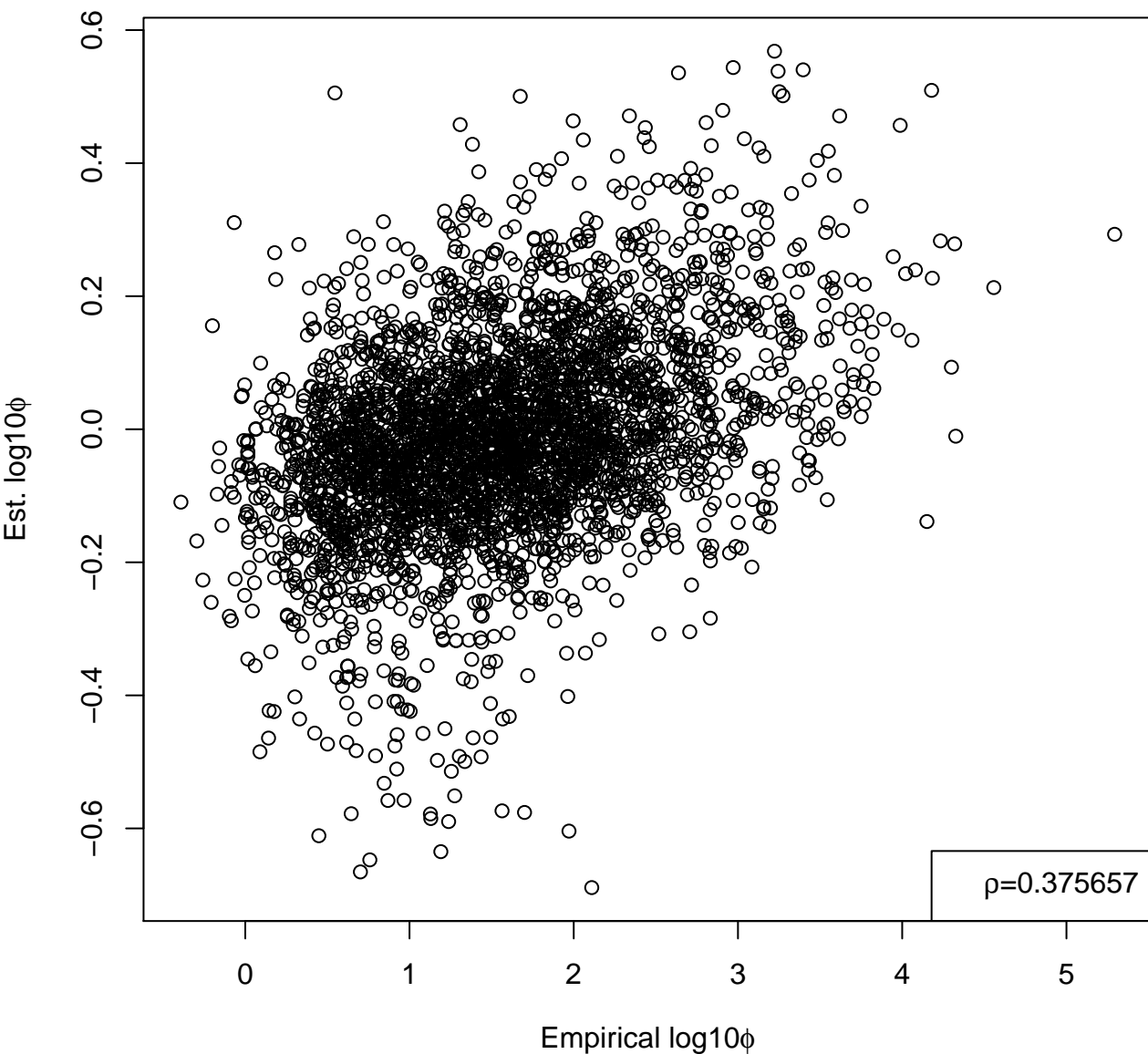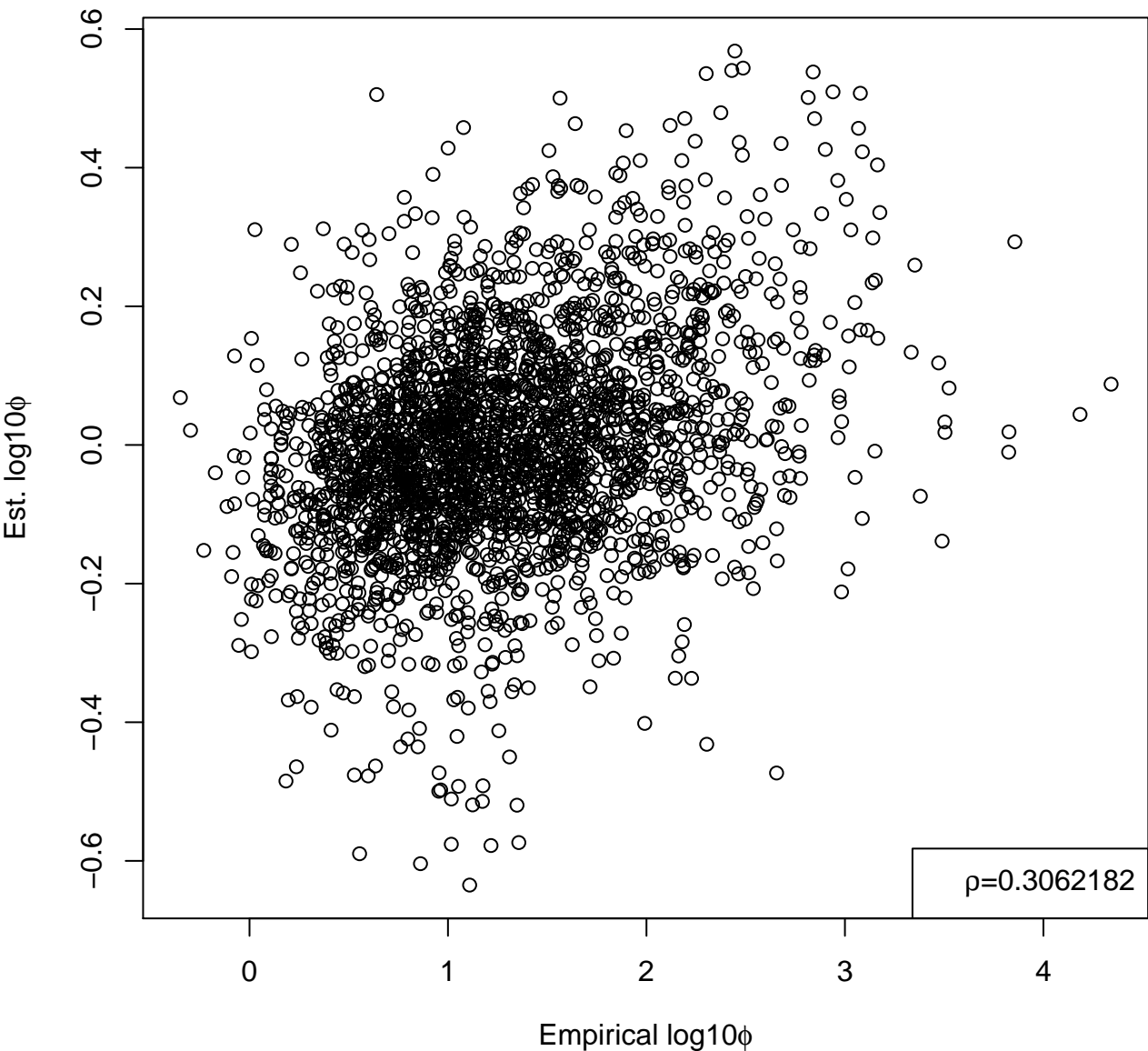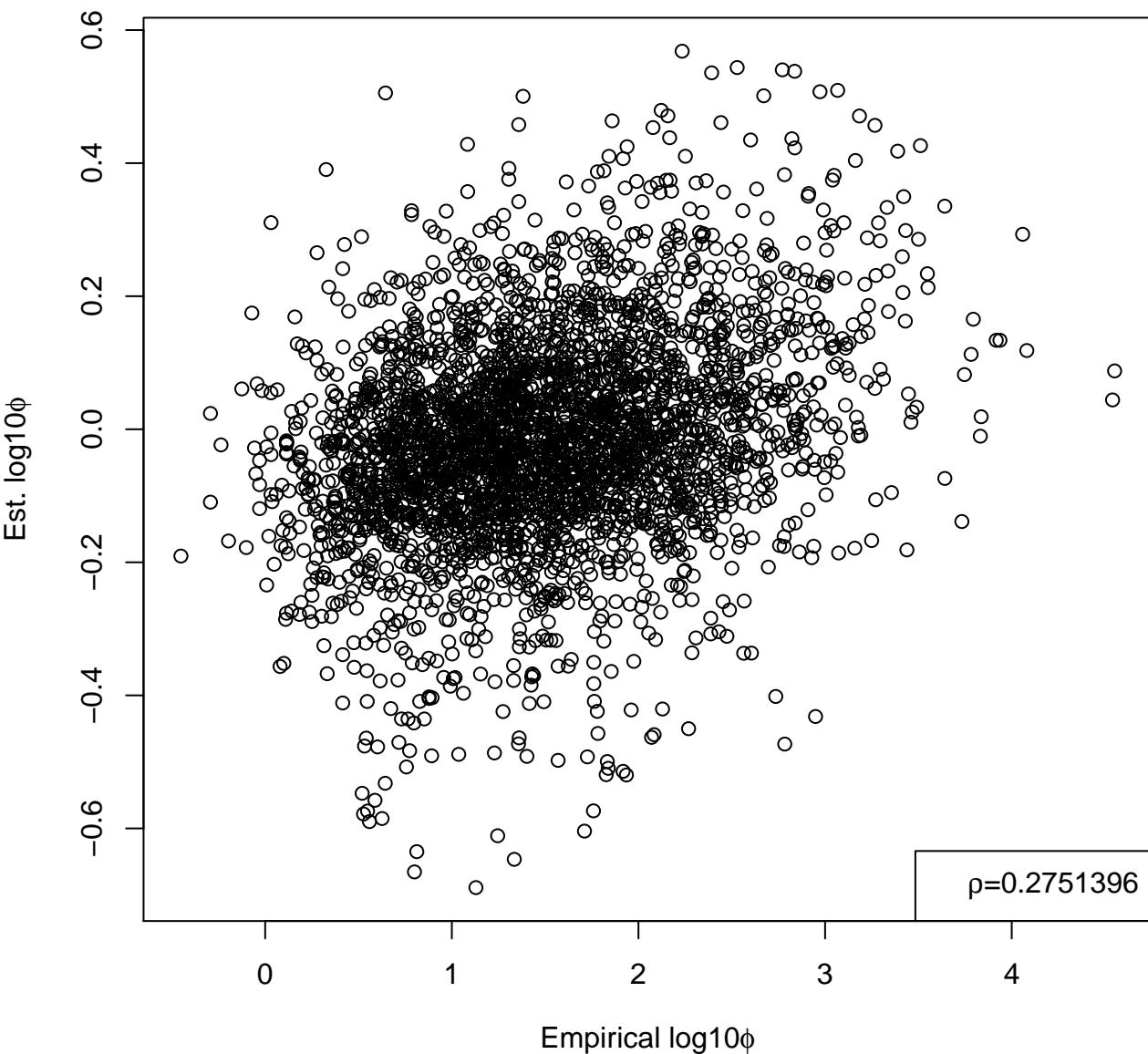**MURI_038, GSM2469610, 14, exponential, glycerol, 0.8, baseMg, 5, baseNa, 10, glycerol_time_course**

Est. log10ϕ

Empirical log10ϕ

ρ=0.375657

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_040, GSM2469612, 48, stationary, glycerol, 0.8, baseMg, 5, baseNa, 10, glycerol_time_course
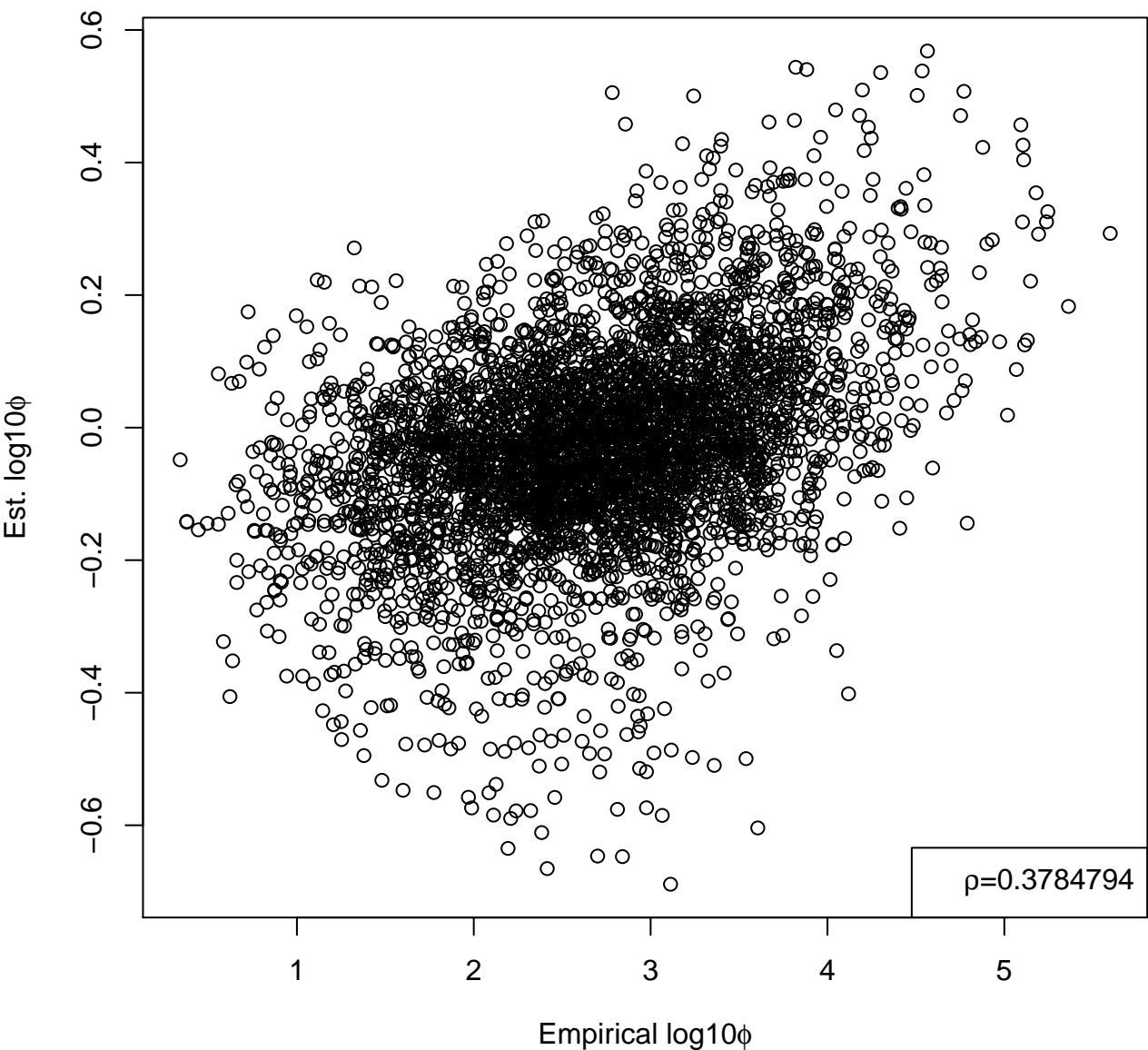

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_041, GSM2469613, 168, late_stationary, glycerol, 0.8, baseMg, 5, baseNa, 10, glycerol_time_cours

ρ=0.3784794

Est. log10φ

Empirical log10φ

MURI_042, GSM2469614, 336, late_stationary, glycerol, 0.8, baseMg, 5, baseNa, 10, glycerol_time_cours
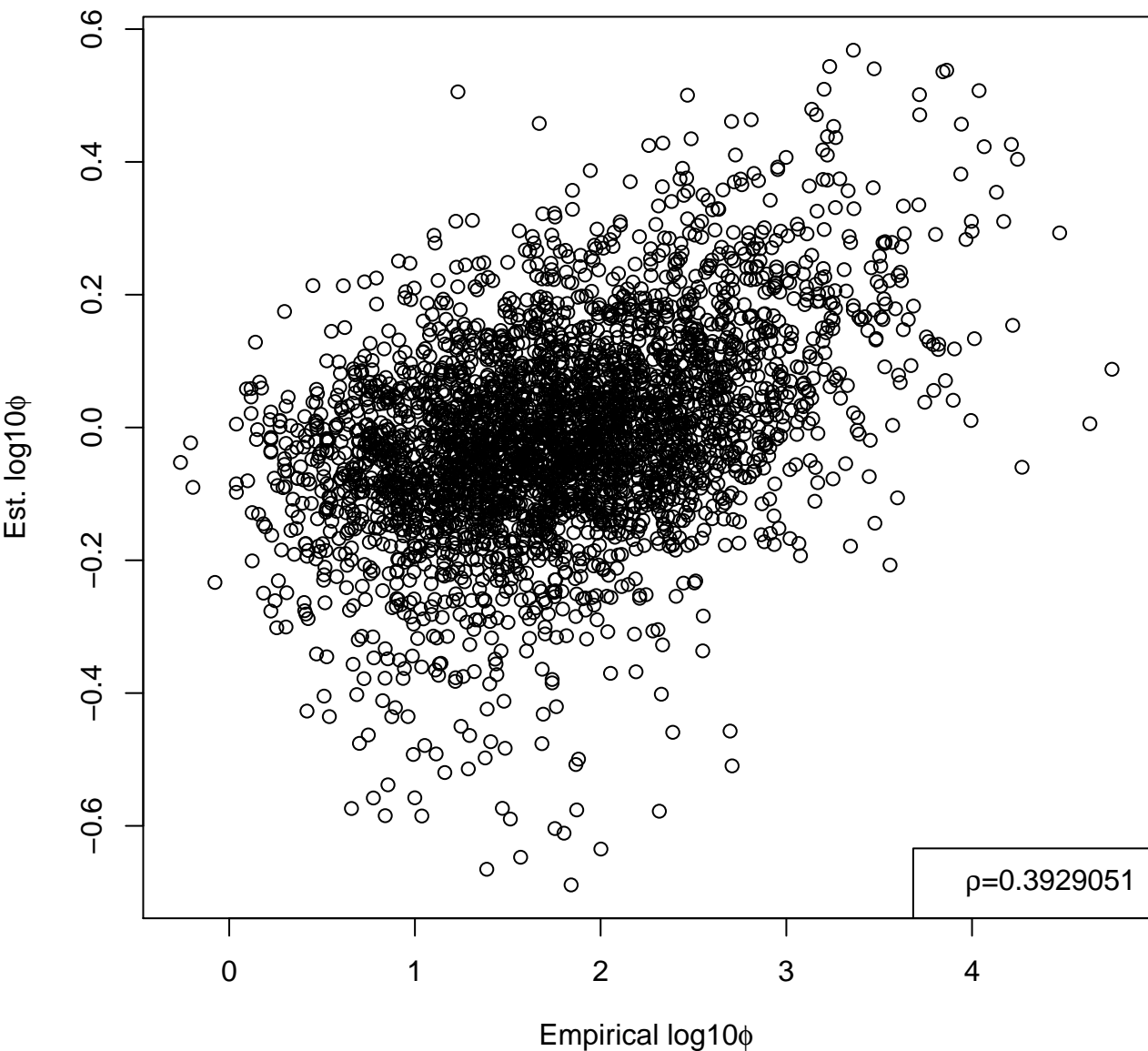
ρ=0.3929051

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_043, GSM2469615, 5, exponential, glycerol, 0.8, baseMg, 5, baseNa, 11, glycerol_time_course
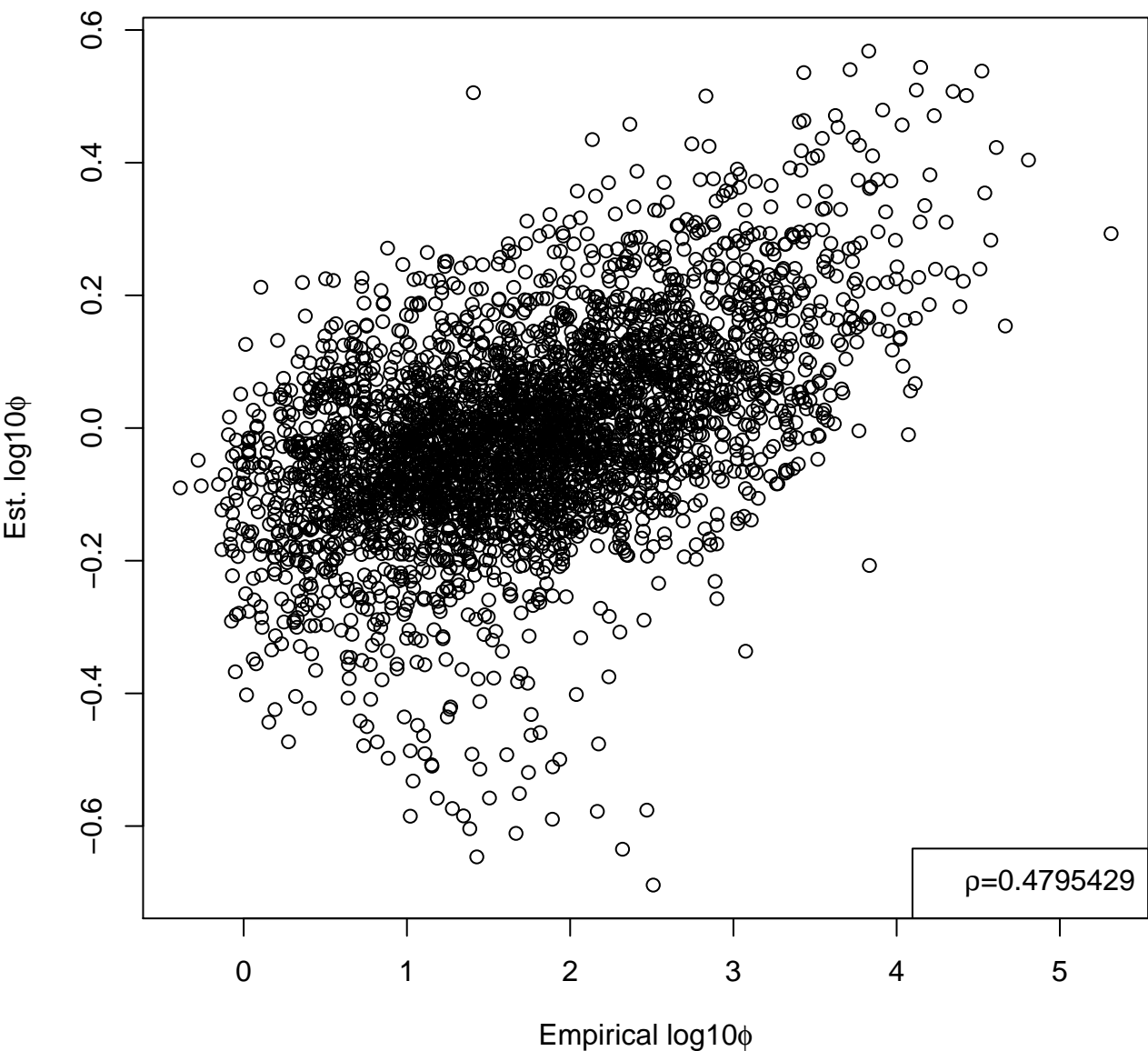
Est. log10ϕ

Empirical log10ϕ

ρ=0.4795429

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_044, GSM2469616, 7, exponential, glycerol, 0.8, baseMg, 5, baseNa, 11, glycerol_time_course
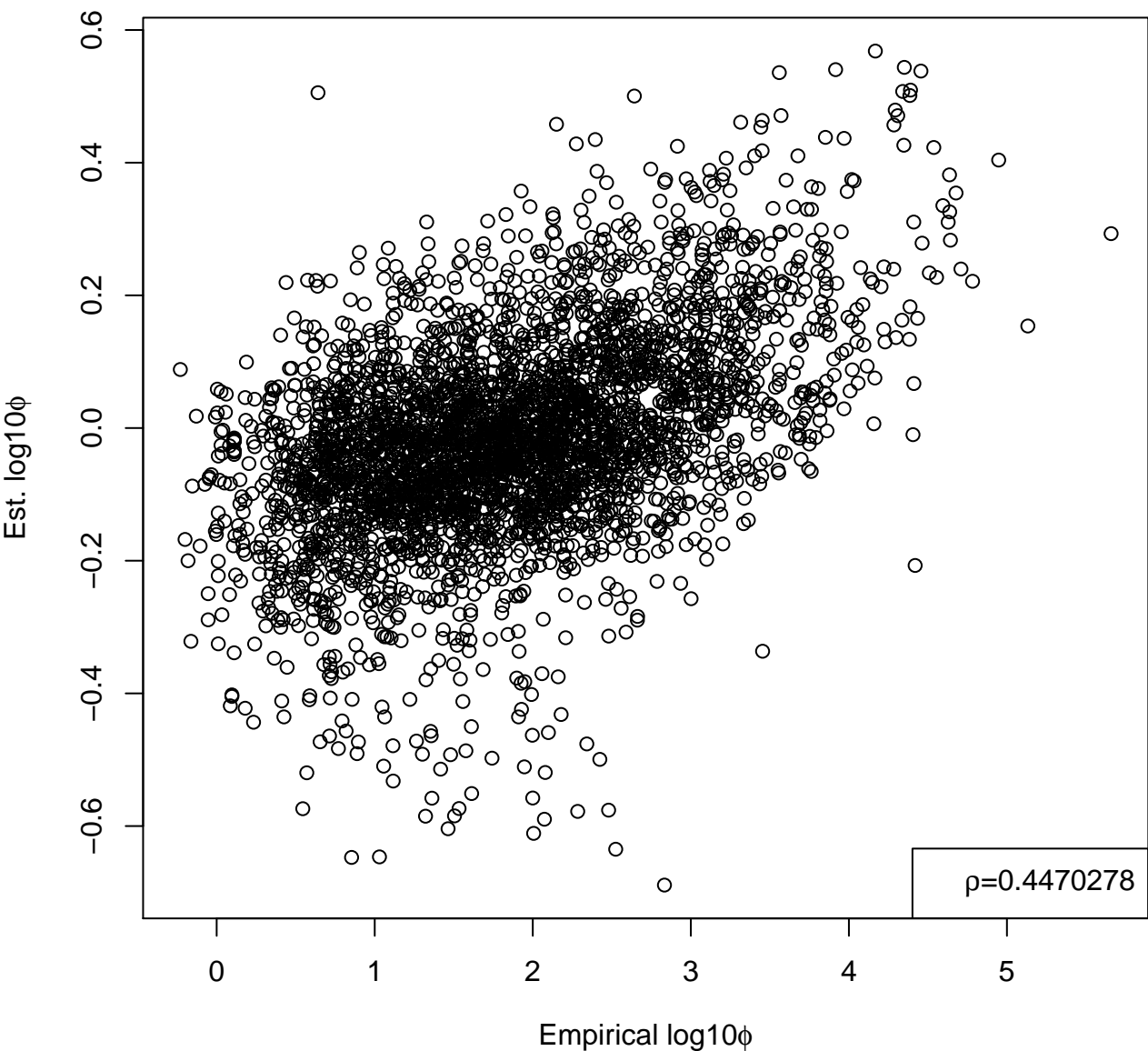

ρ=0.4470278

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_045, GSM2469617, 8, exponential, glycerol, 0.8, baseMg, 5, baseNa, 11, glycerol_time_course

ρ=0.4397199
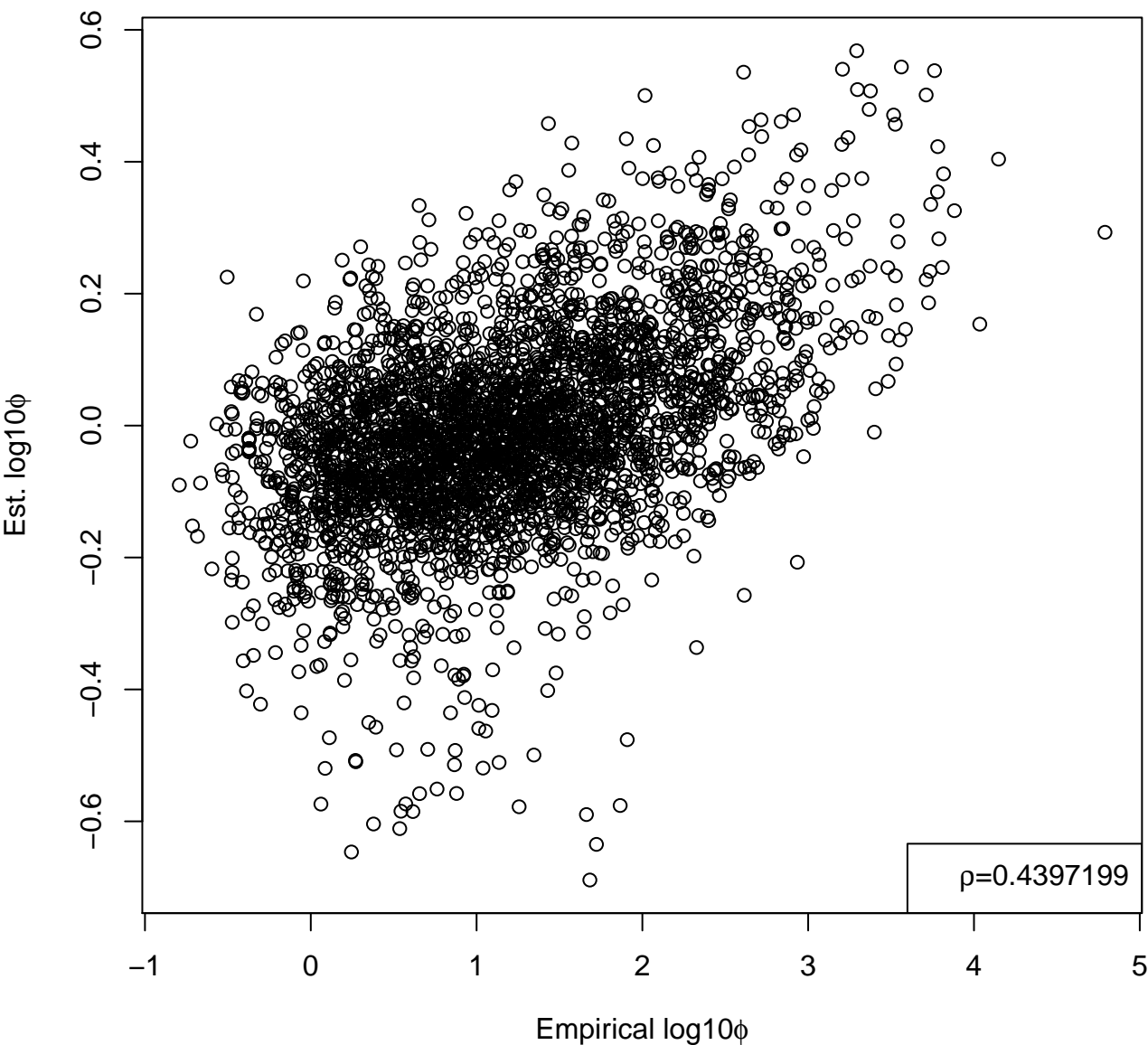
Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_046, GSM2469618, 10, exponential, glycerol, 0.8, baseMg, 5, baseNa, 11, glycerol_time_course

Est. log10φ

$\rho=0.3724181$

Empirical log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

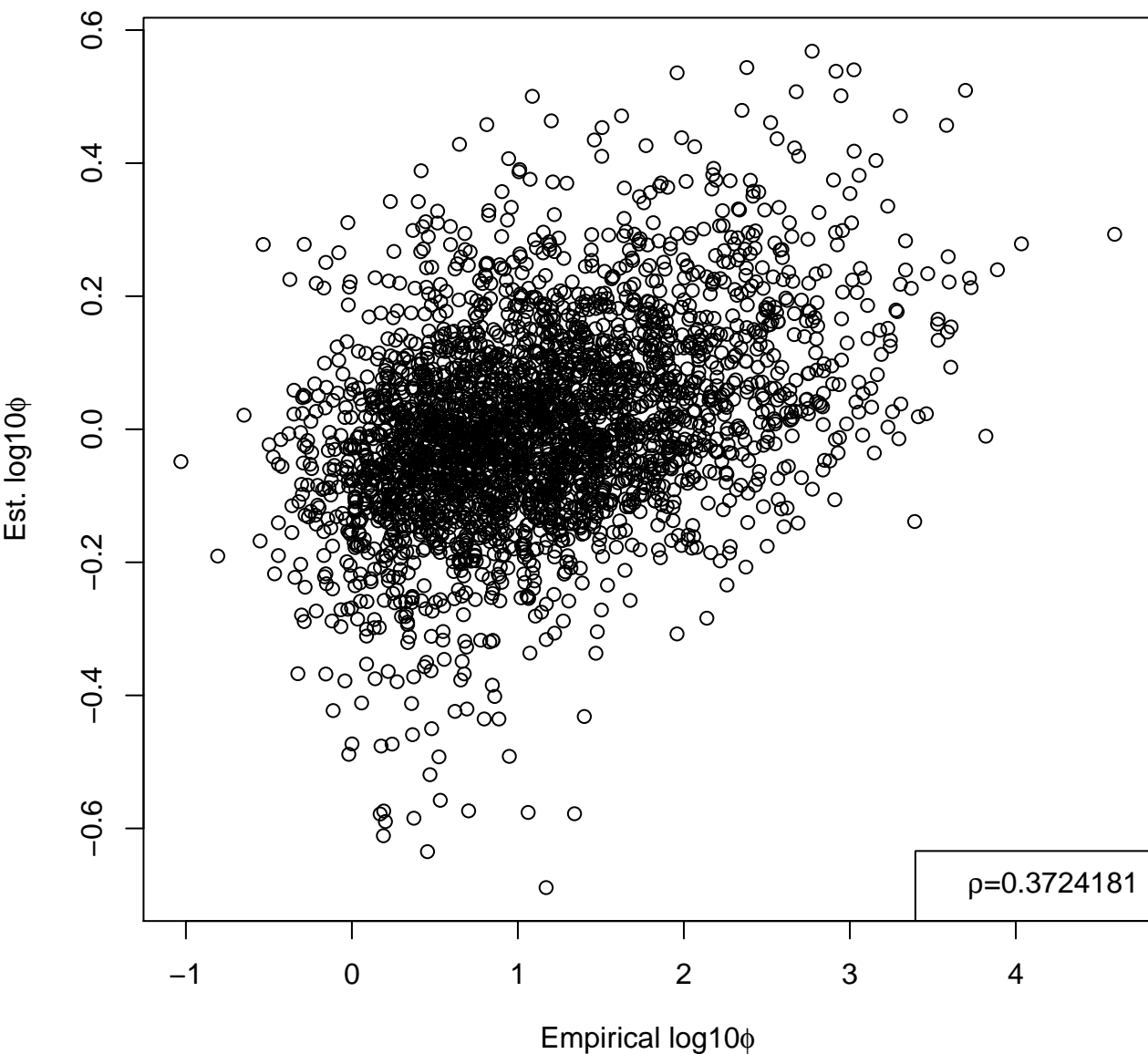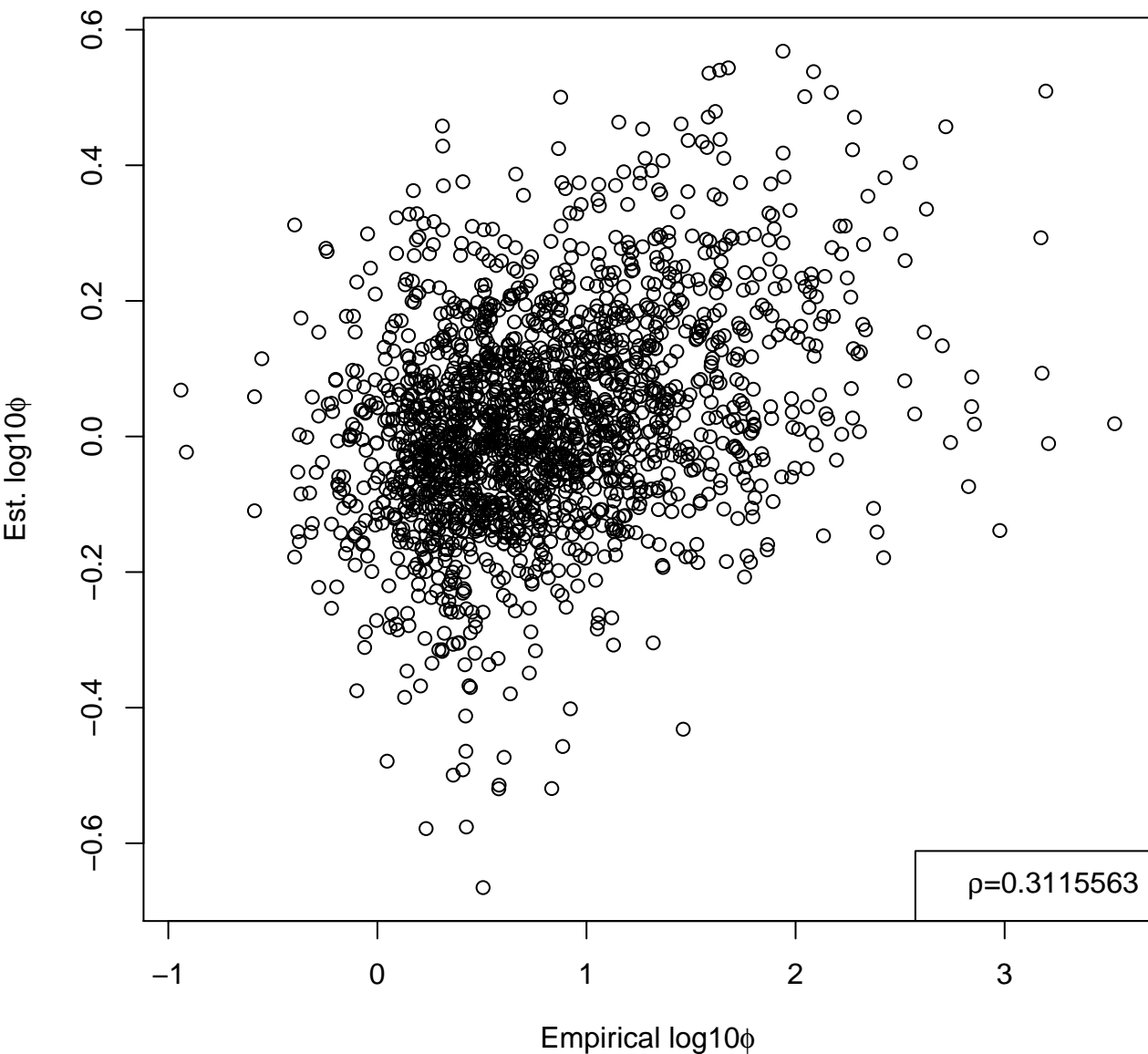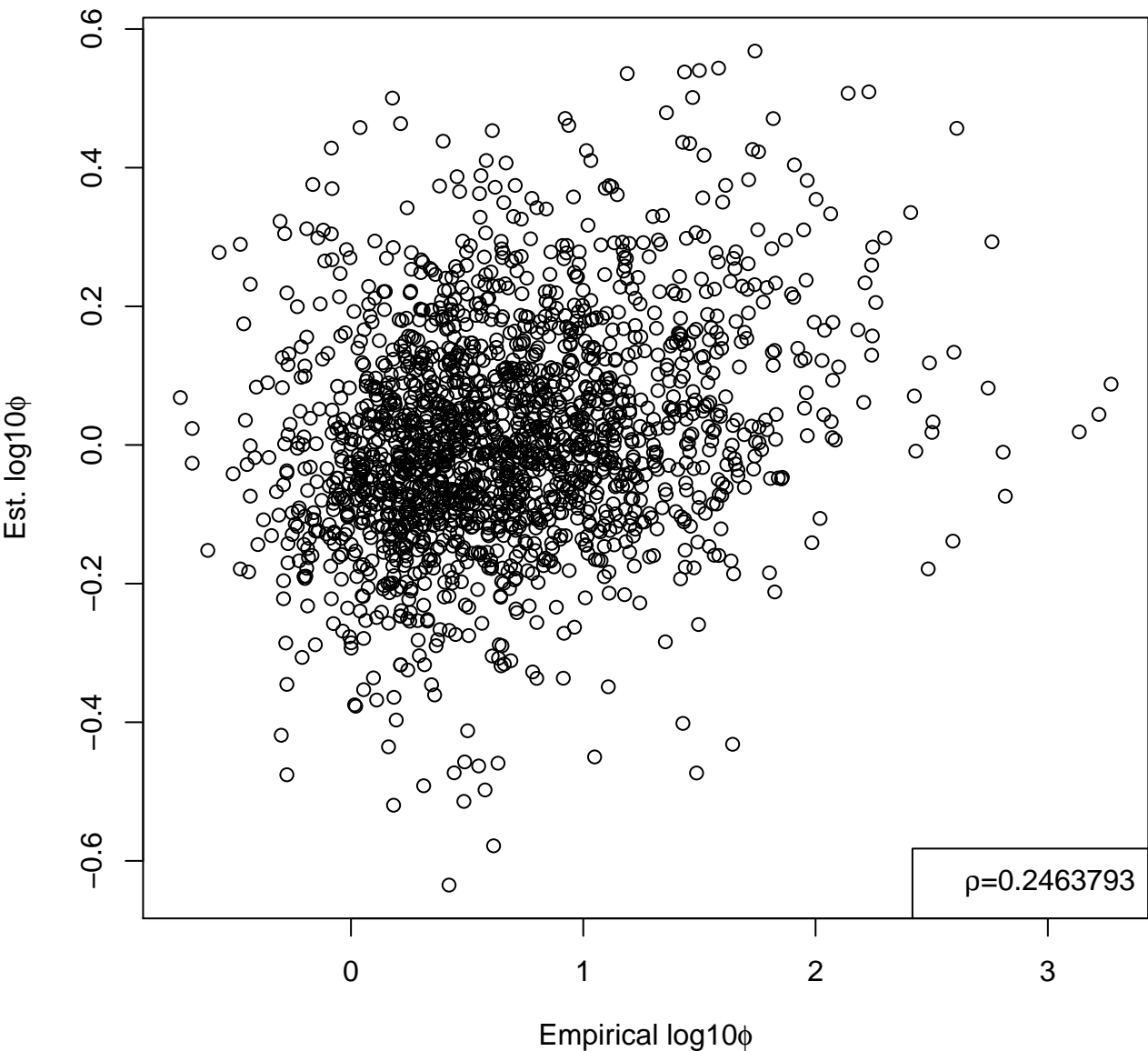**MURI_047, GSM2469619, 14, exponential, glycerol, 0.8, baseMg, 5, baseNa, 11, glycerol_time_course**

ρ=0.3115563

Est. log10ϕ

Empirical log10ϕ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_048, GSM2469620, 24, stationary, glycerol, 0.8, baseMg, 5, baseNa, 11, glycerol_time_course

Est. log10φ

ρ=0.2463793

Empirical log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_049, GSM2469621, 48, stationary, glycerol, 0.8, baseMg, 5, baseNa, 11, glycerol_time_course
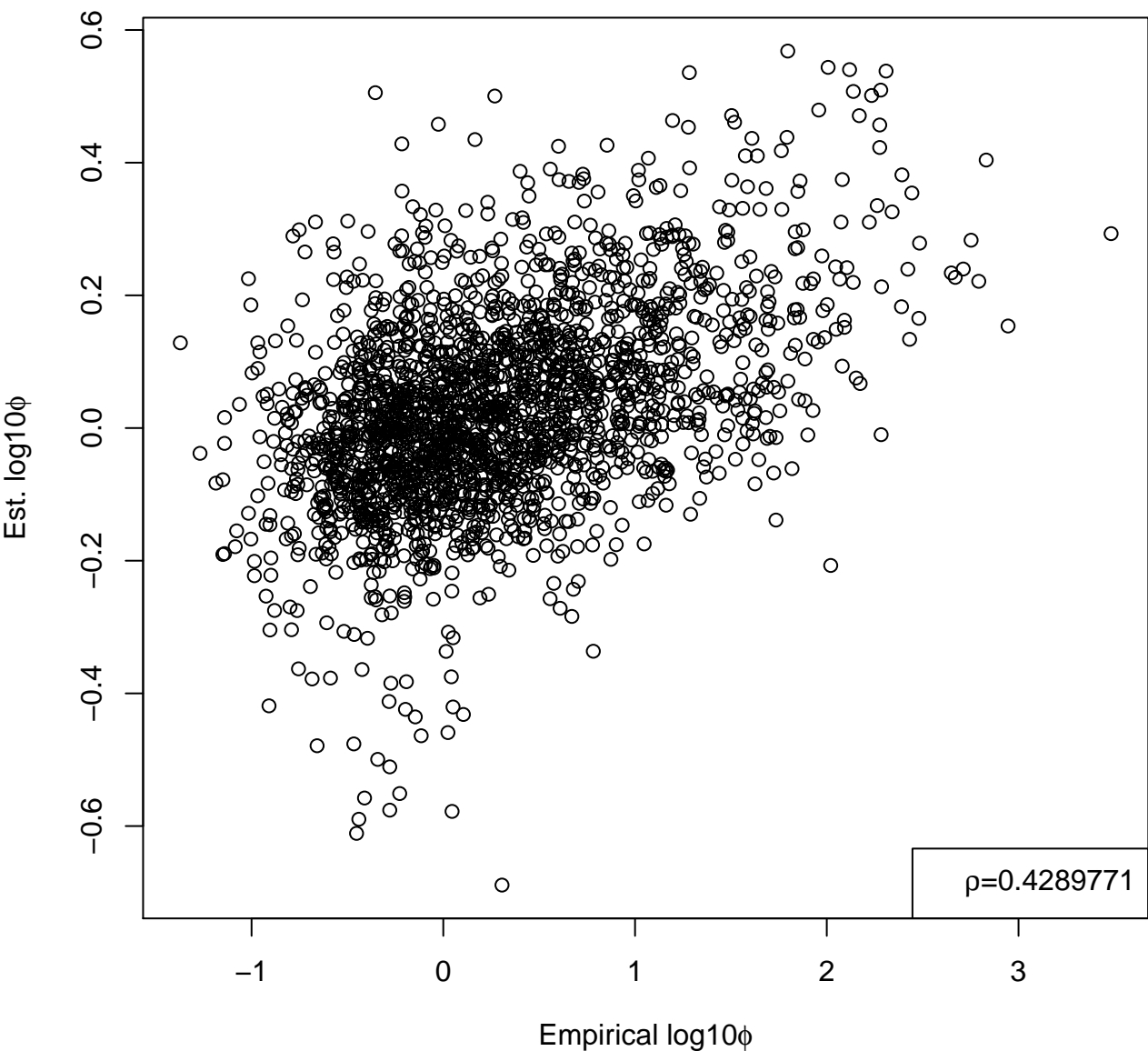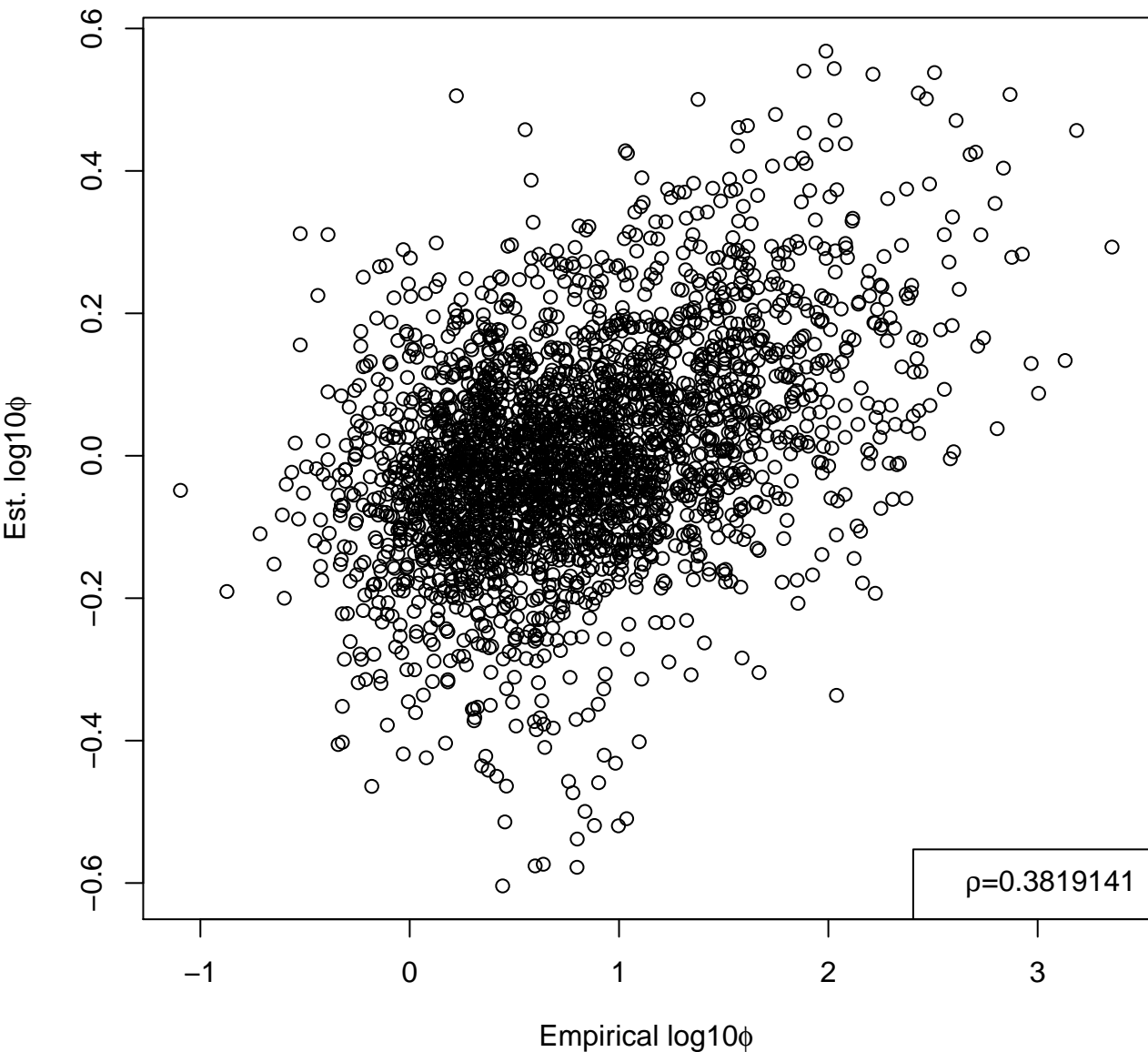
Est. log10ϕ

Empirical log10ϕ

ρ=0.4289771

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_050, GSM2469622, 168, late_stationary, glycerol, 0.8, baseMg, 5, baseNa, 11, glycerol_time_cours

Est. log10ϕ

Empirical log10ϕ

ρ=0.3819141

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_052, GSM2469623, 5, exponential, glycerol, 0.8, baseMg, 5, baseNa, 12, glycerol_time_course

ρ=0.4828678

MURI_053, GSM2469624, 7, exponential, glycerol, 0.8, baseMg, 5, baseNa, 12, glycerol_time_course
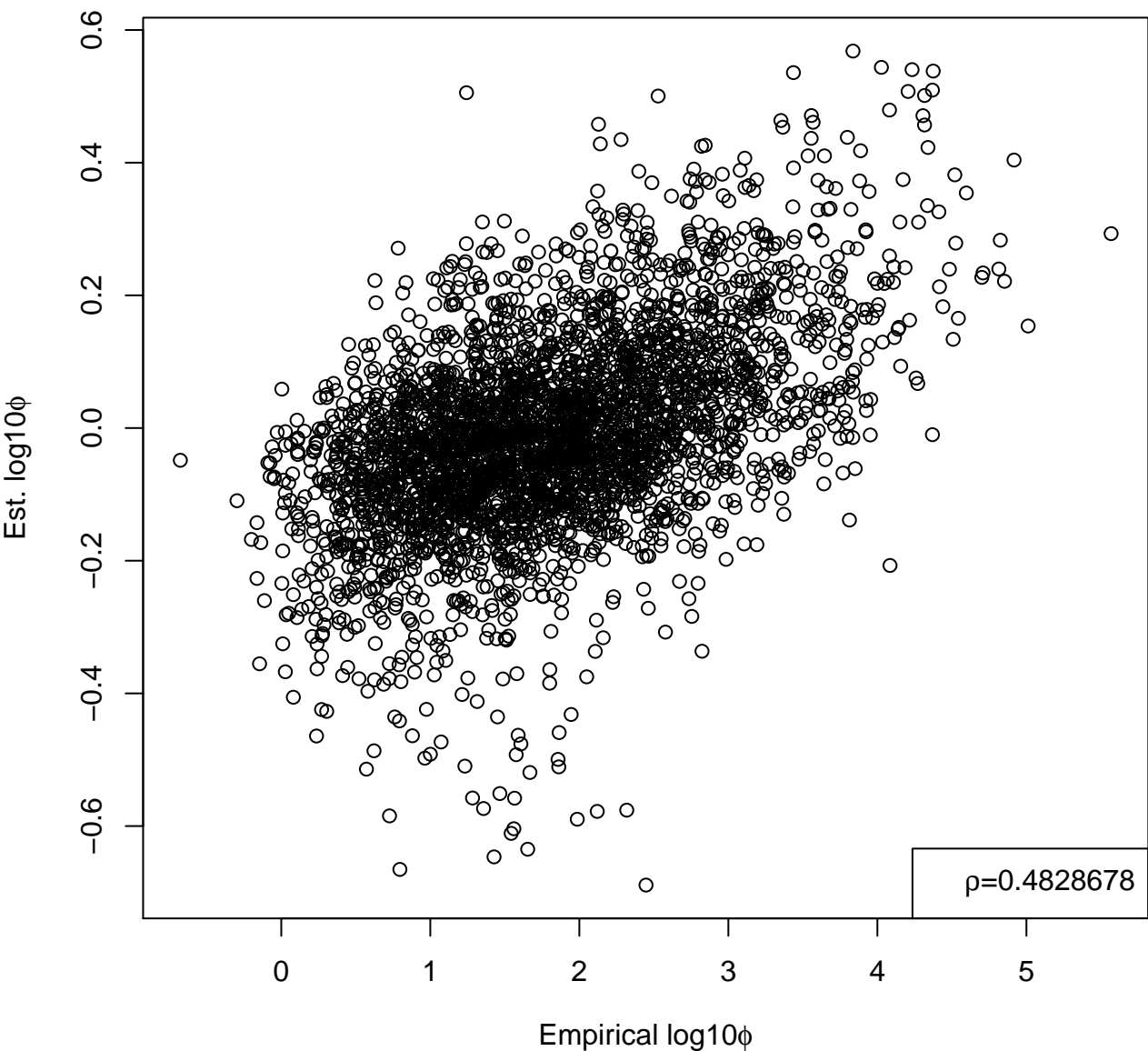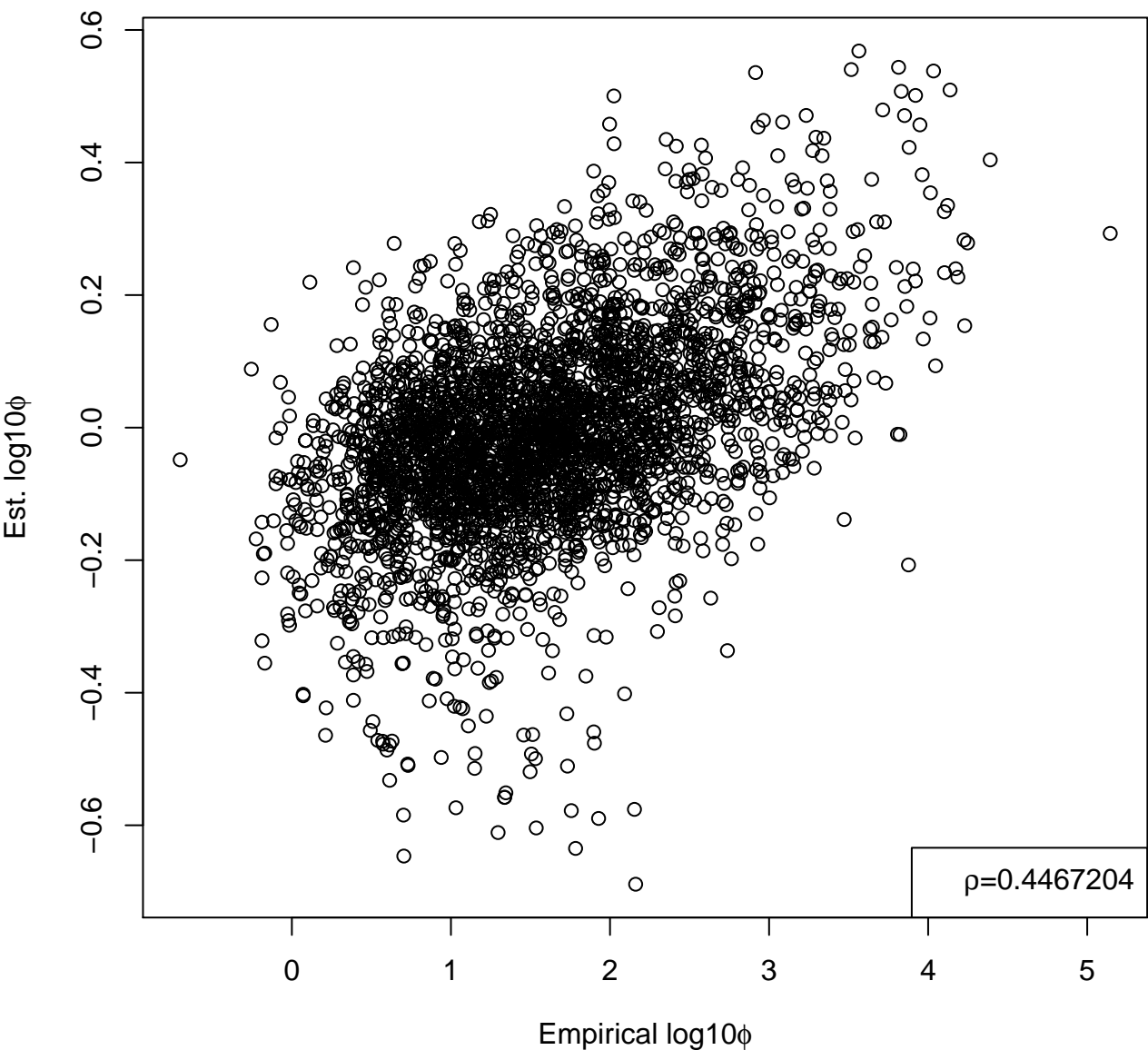
Est. log10ϕ

Empirical log10ϕ

ρ=0.4467204

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_054, GSM2469625, 8, exponential, glycerol, 0.8, baseMg, 5, baseNa, 12, glycerol_time_course

ρ=0.4085481

Empirical log10ϕ

Est. log10ϕ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

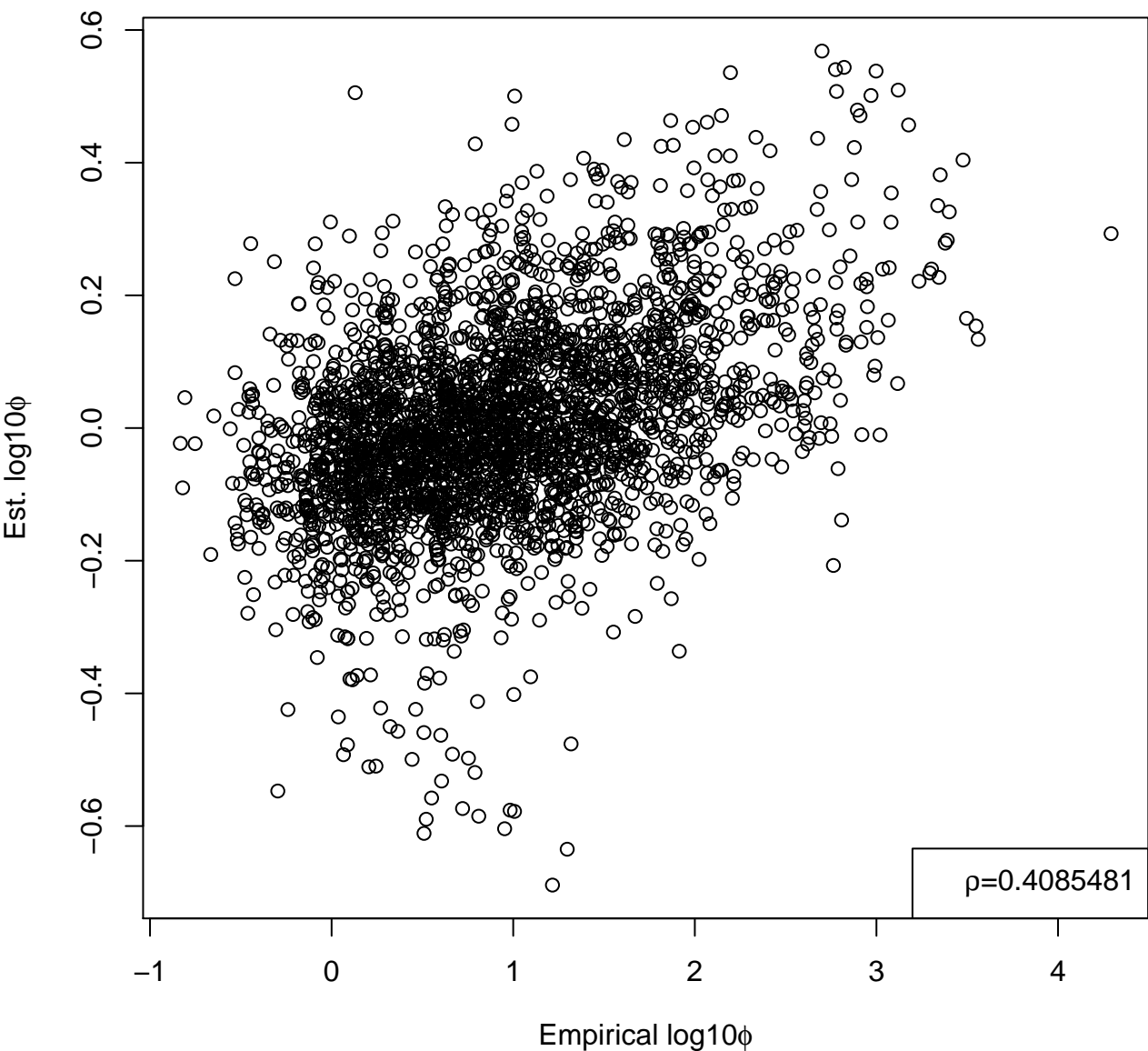**MURI_055, GSM2469626, 10, exponential, glycerol, 0.8, baseMg, 5, baseNa, 12, glycerol_time_course**

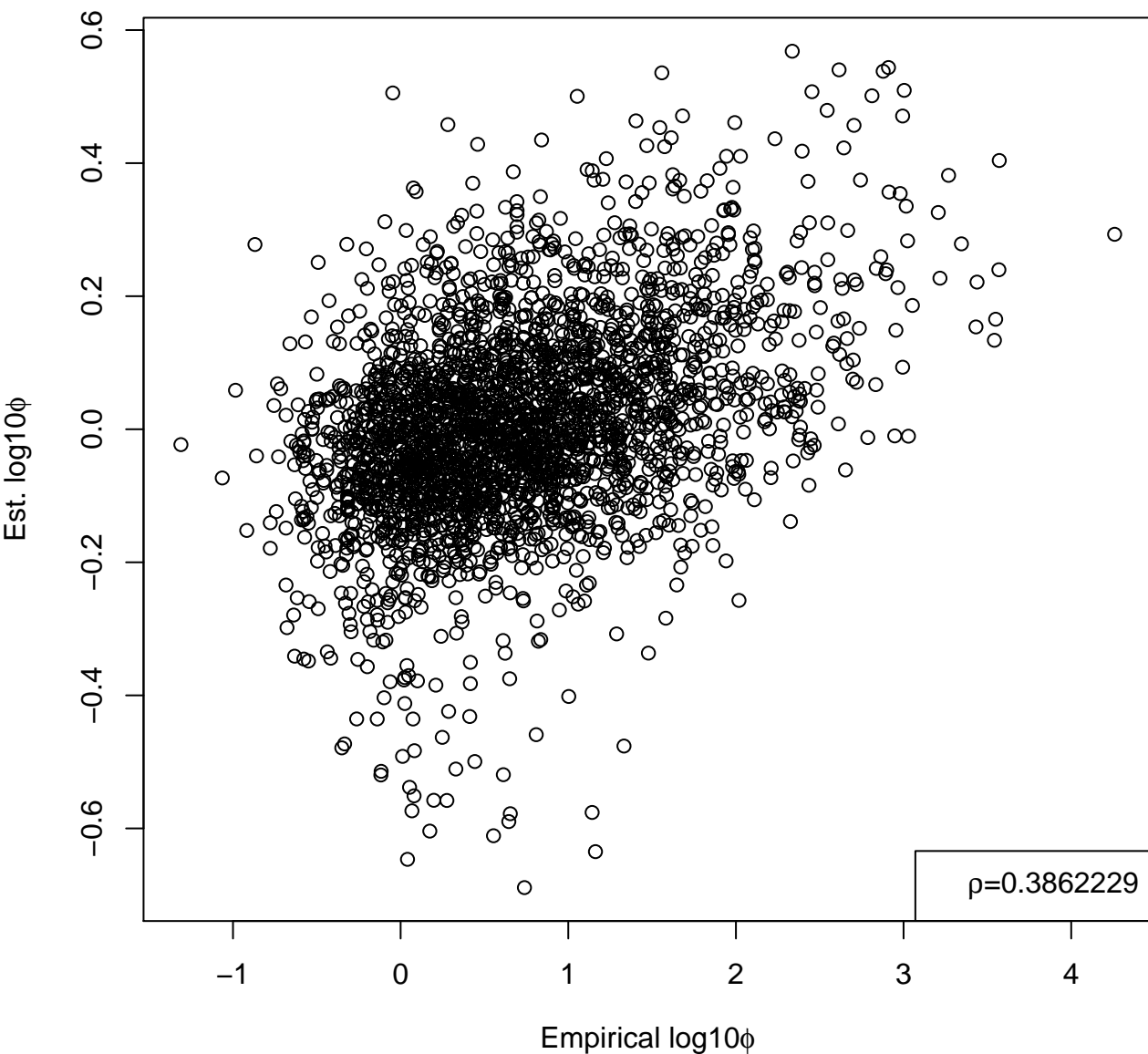Est. log10ϕ

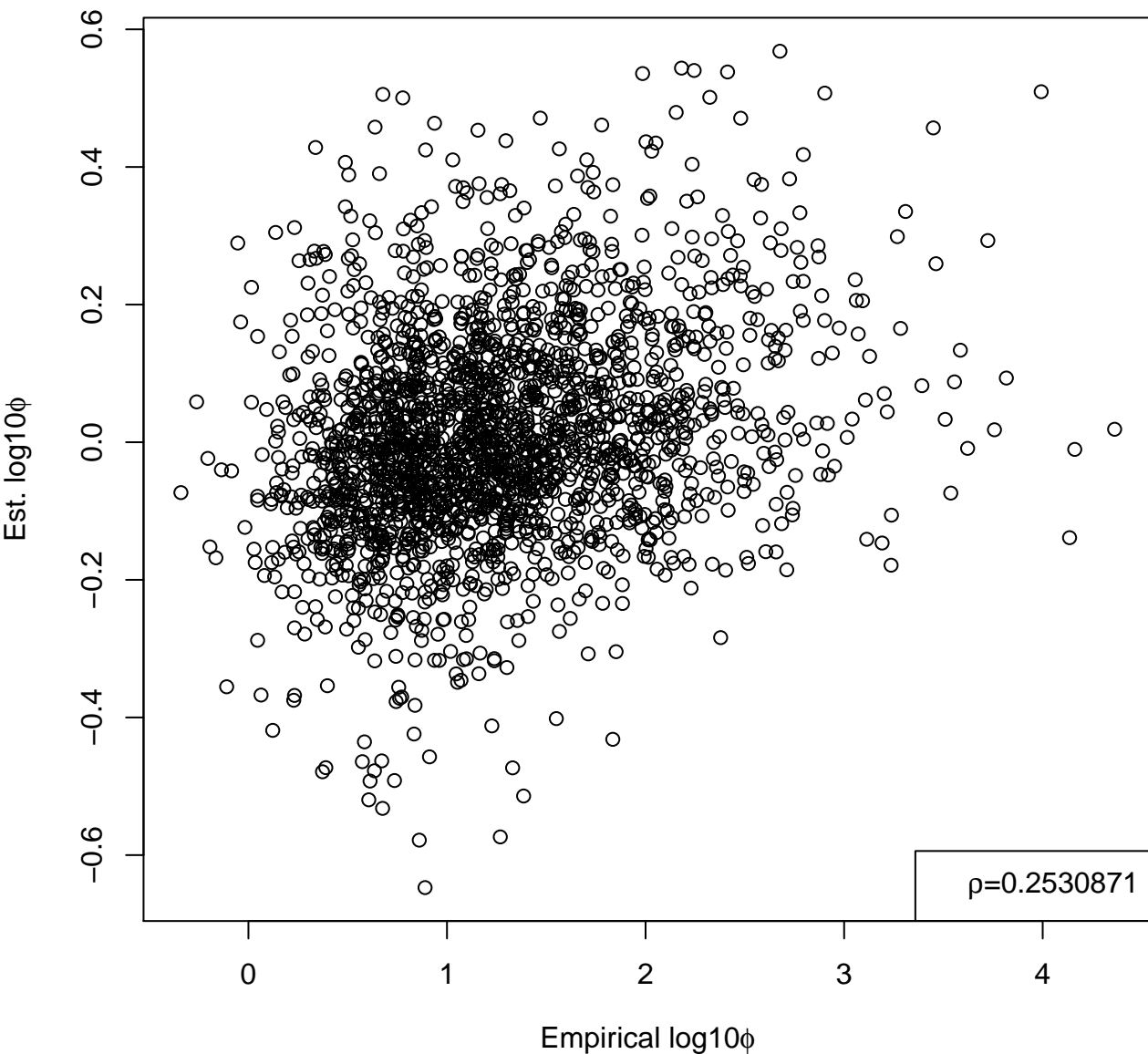Empirical log10ϕ

ρ=0.3862229

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

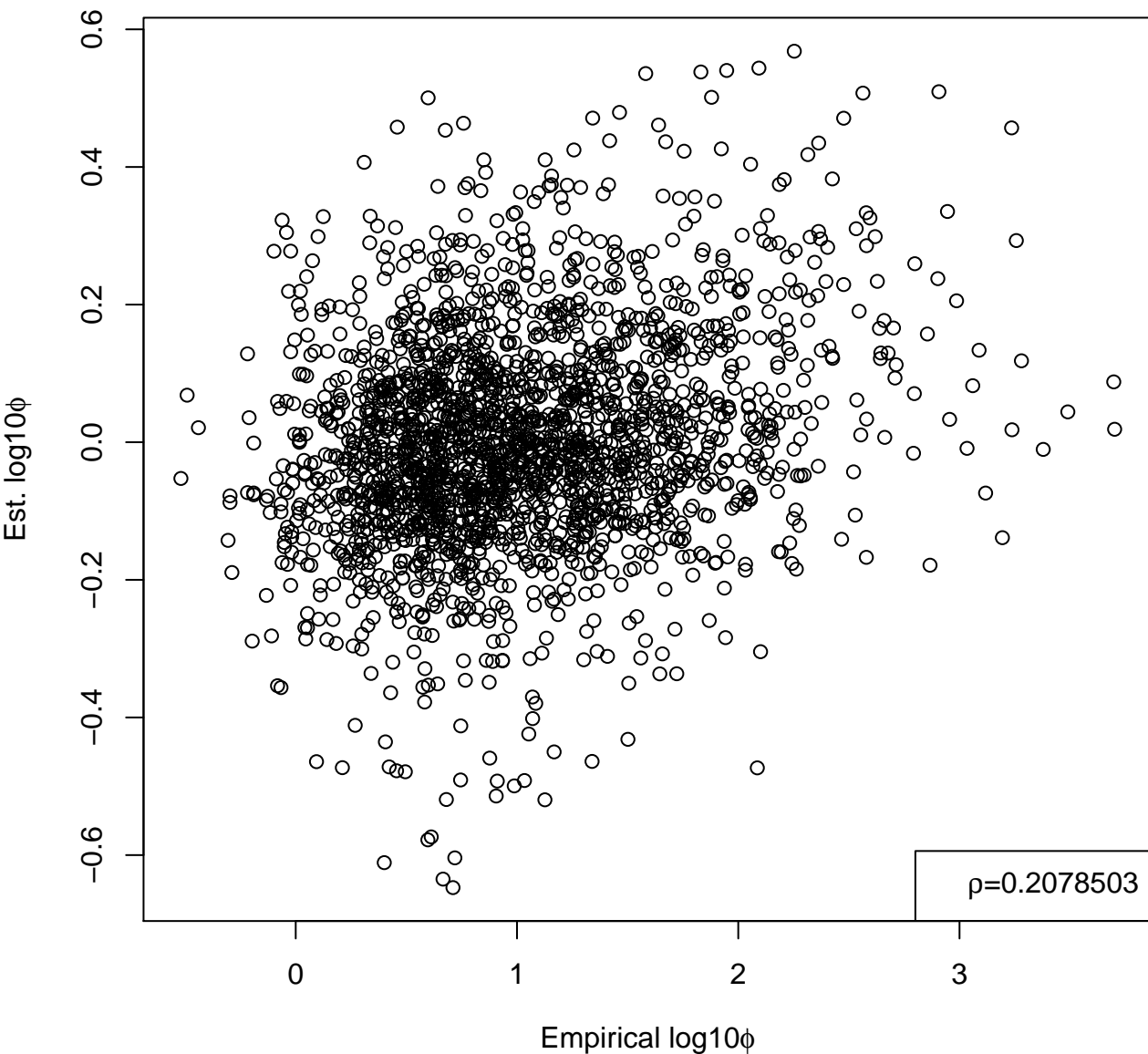**MURI_056, GSM2469627, 14, exponential, glycerol, 0.8, baseMg, 5, baseNa, 12, glycerol_time_course**

Est. log10φ

Empirical log10φ

ρ=0.2530871

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_057, GSM2469628, 24, stationary, glycerol, 0.8, baseMg, 5, baseNa, 12, glycerol_time_course

ρ=0.2078503

Empirical log10ϕ

Est. log10ϕ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_058, GSM2469629, 48, stationary, glycerol, 0.8, baseMg, 5, baseNa, 12, glycerol_time_course
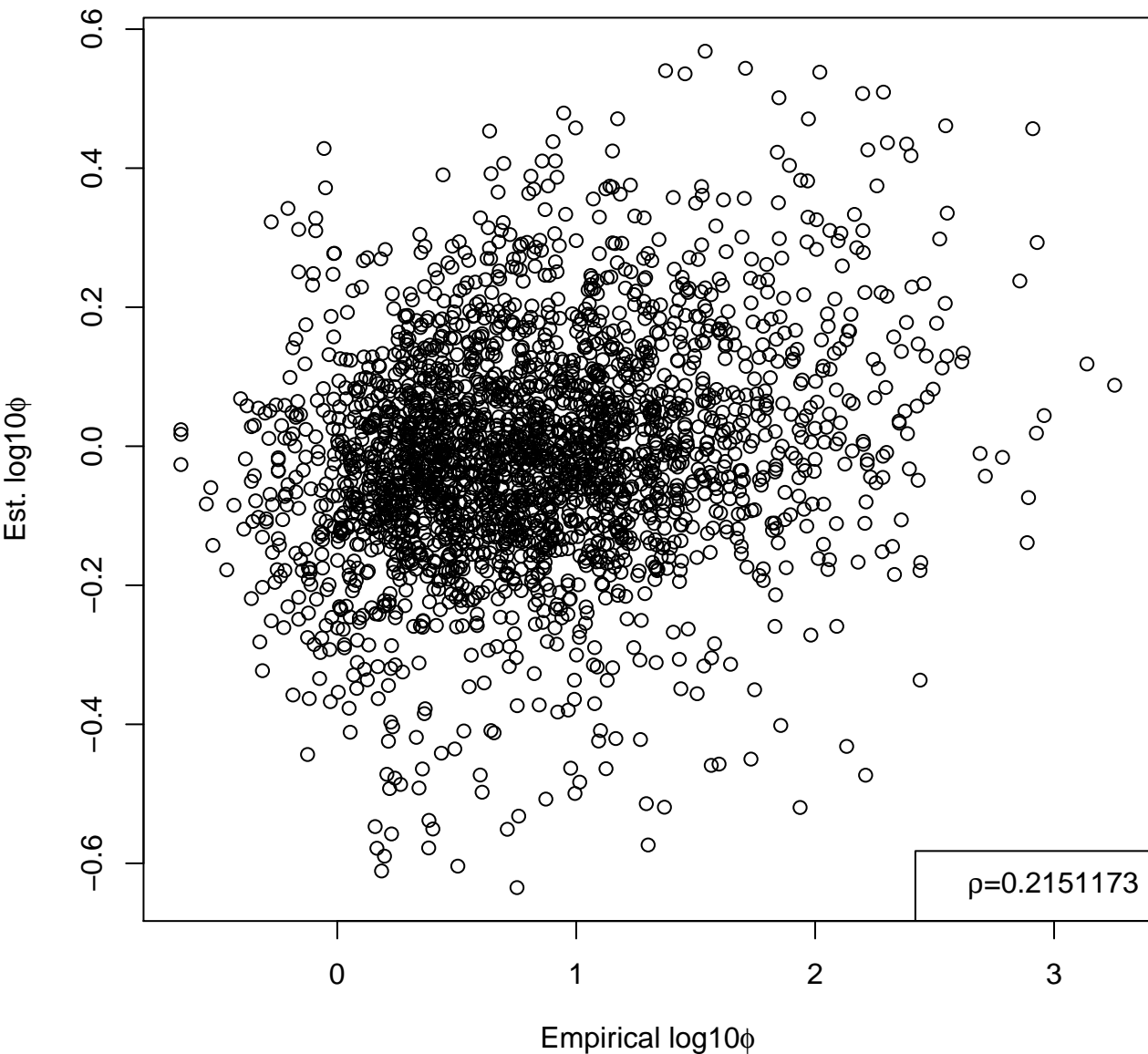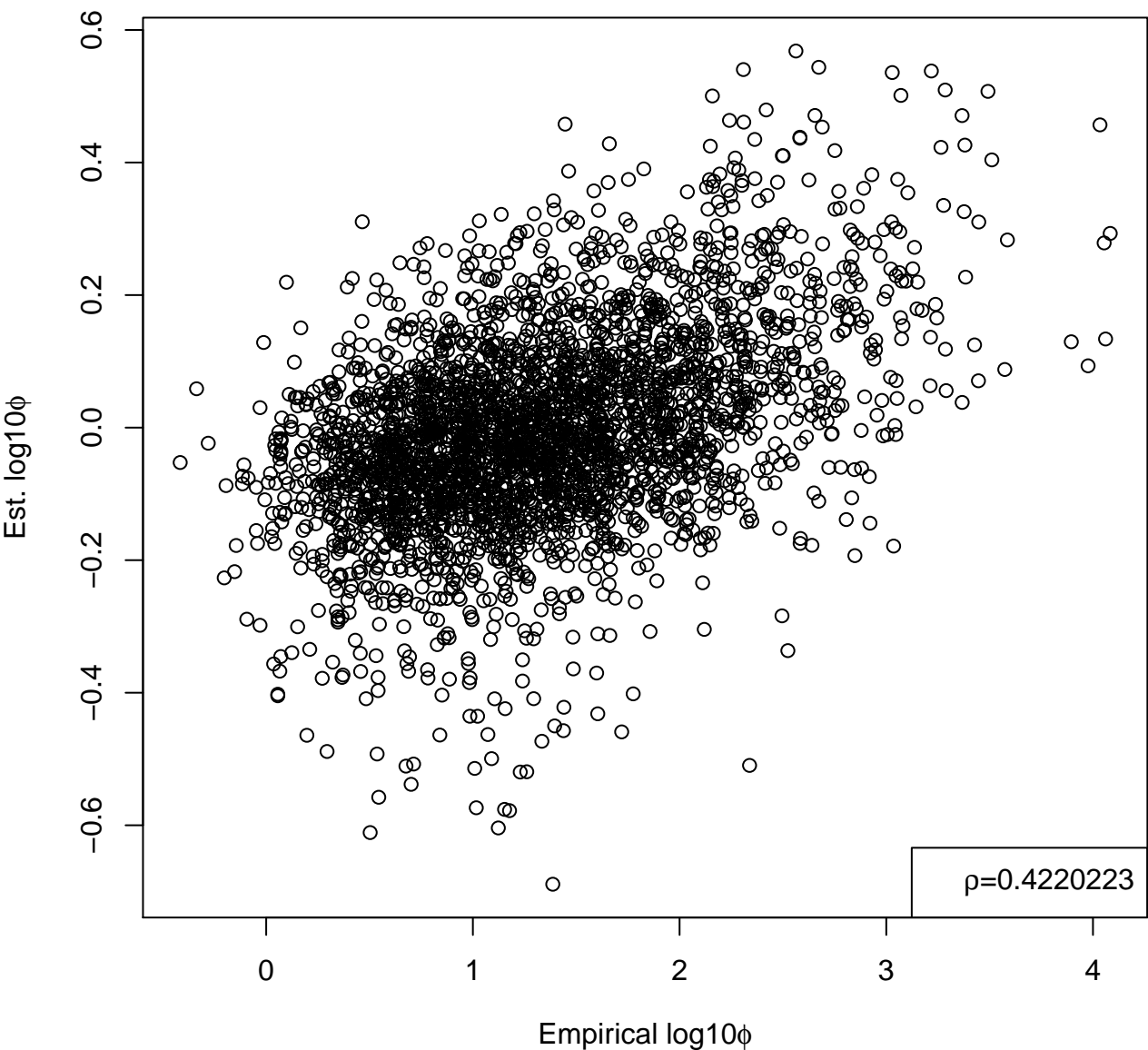

ρ=0.2151173

Empirical log10ϕ

Est. log10ϕ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_059, GSM2469630, 168, late_stationary, glycerol, 0.8, baseMg, 5, baseNa, 12, glycerol_time_cours

Est. log10φ

ρ=0.4220223

Empirical log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_061, GSM2469631, 5.5, exponential, glucose, 0.8, baseMg, 5, baseNa, 13, NaCl_stress

ρ=0.4508036

Empirical log10φ

Est. log10φ
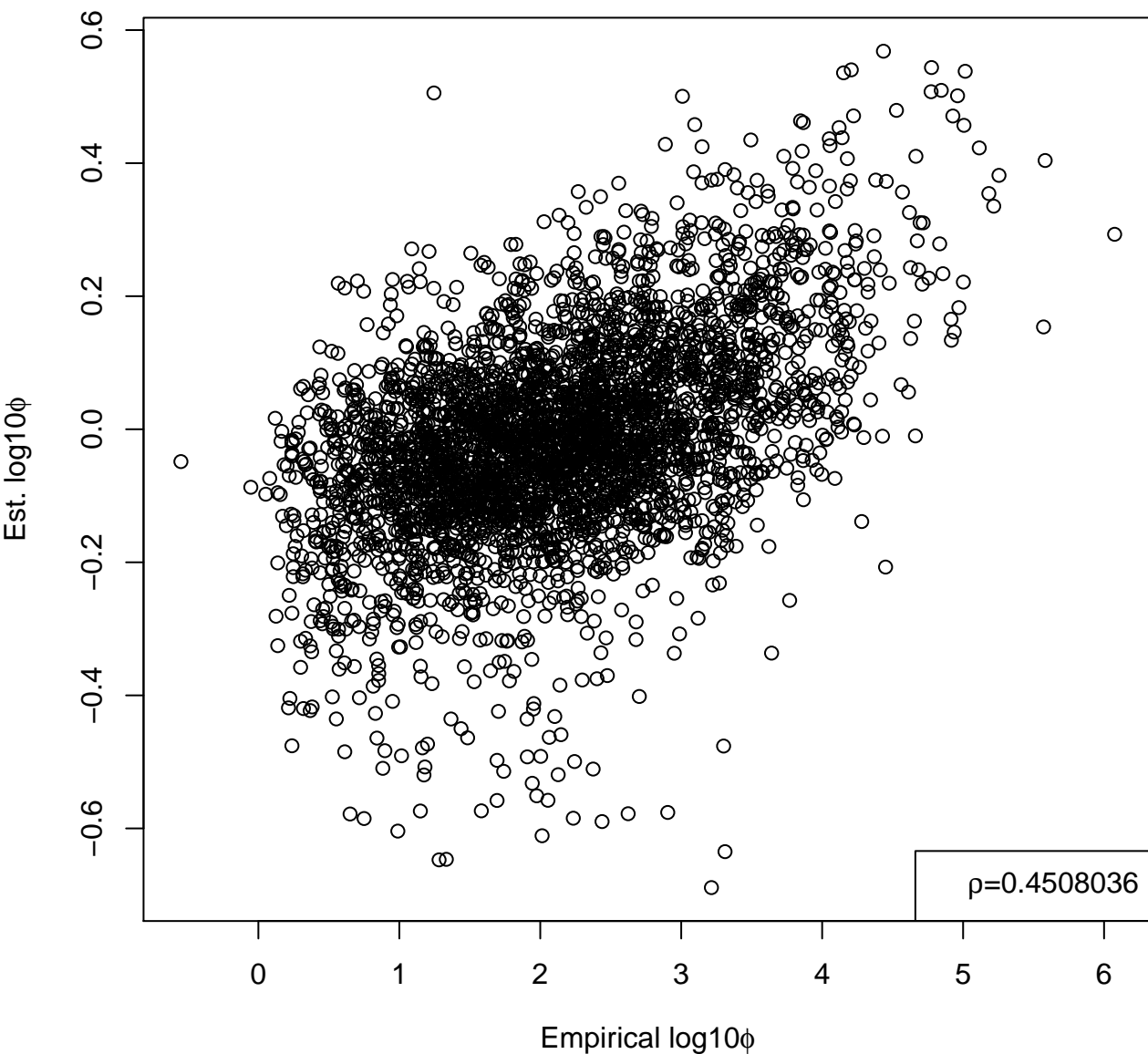
Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_063, GSM2469632, 6, exponential, glucose, 0.8, baseMg, 200, highNa, 13, NaCl_stress
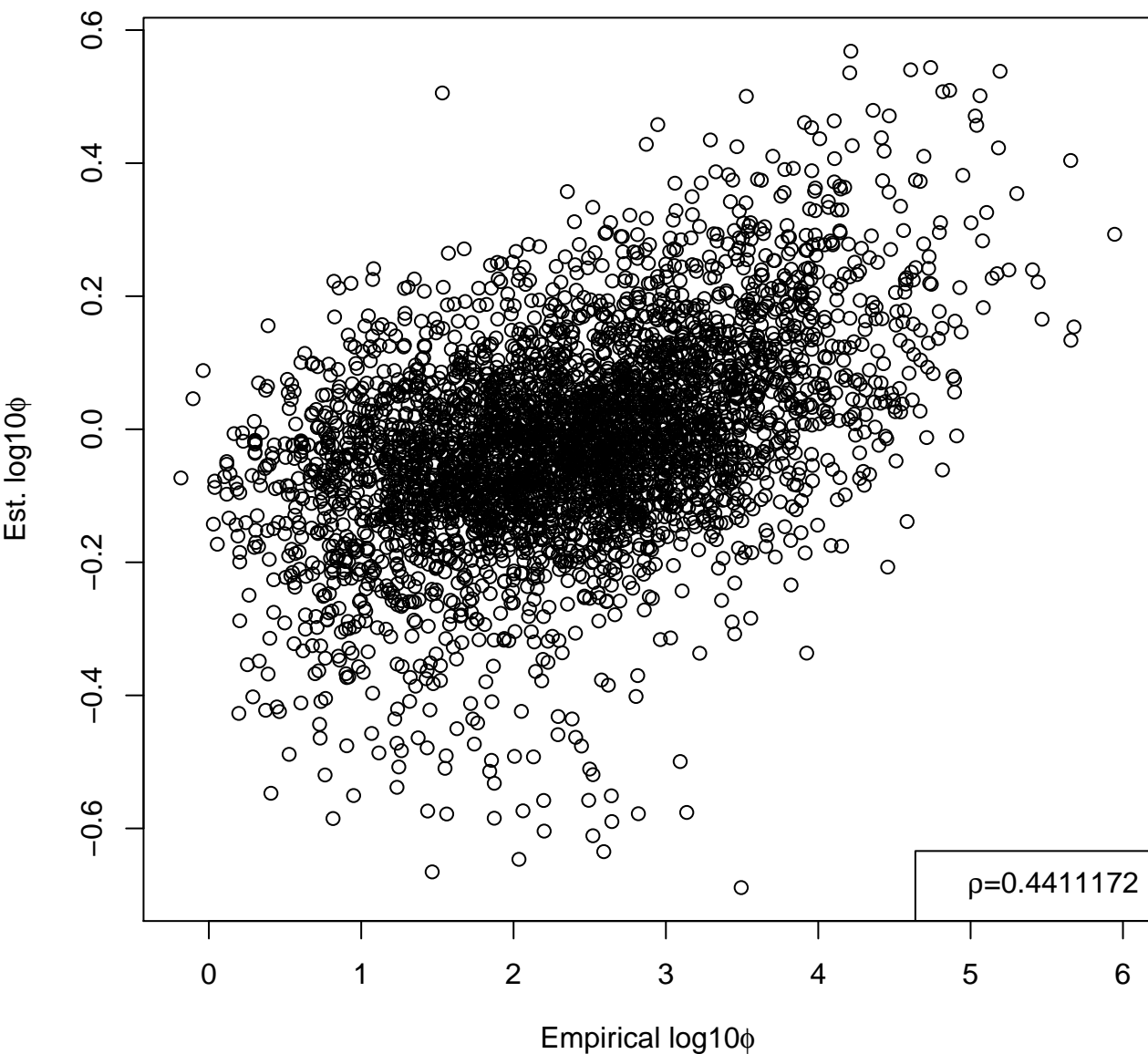
Est. log10ϕ

Empirical log10ϕ

ρ=0.4411172

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_064, GSM2469633, 8, exponential, glucose, 0.8, baseMg, 300, highNa, 13, NaCl_stress

Est. log10φ

ρ=0.4769378

Empirical log10φ
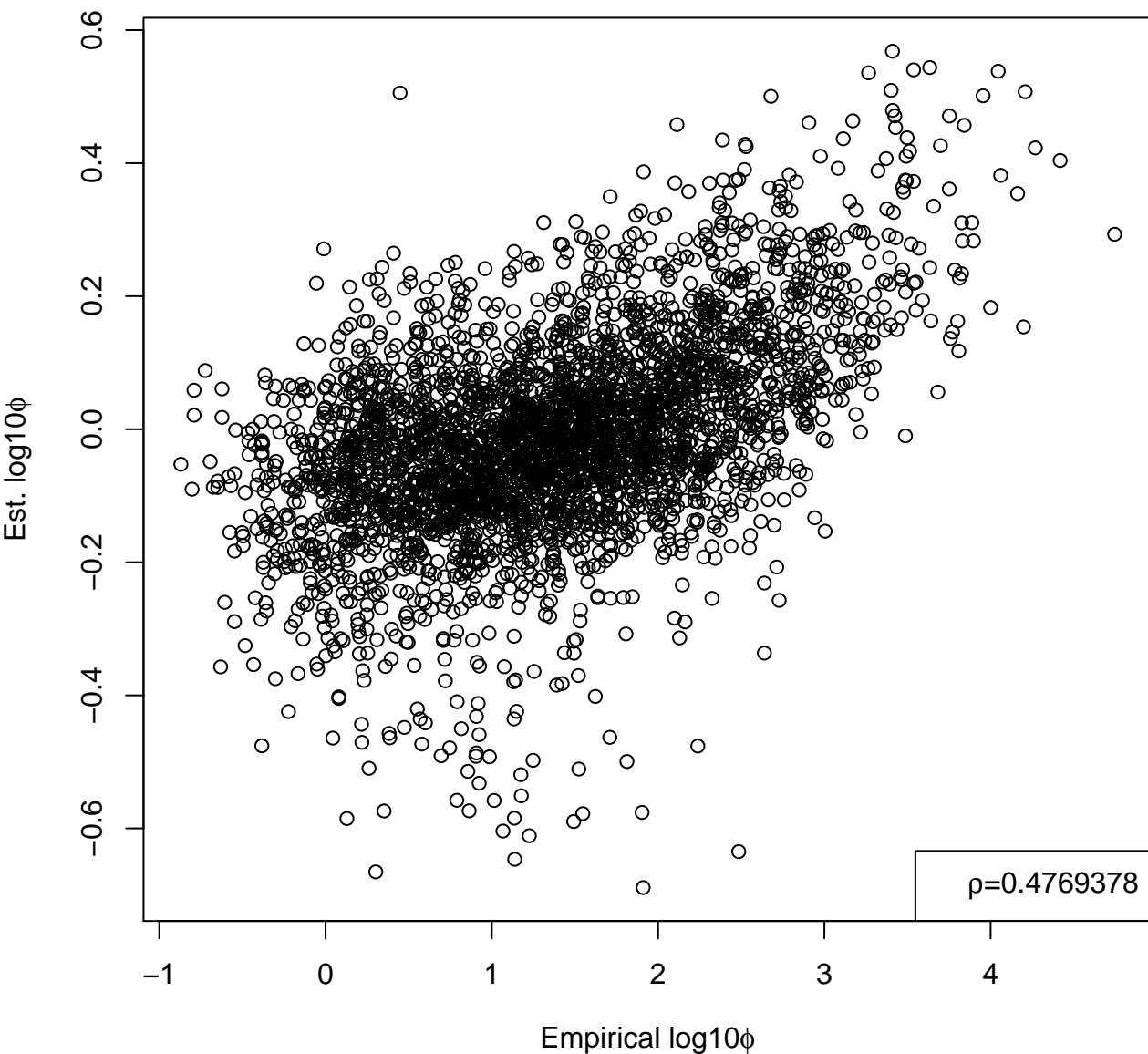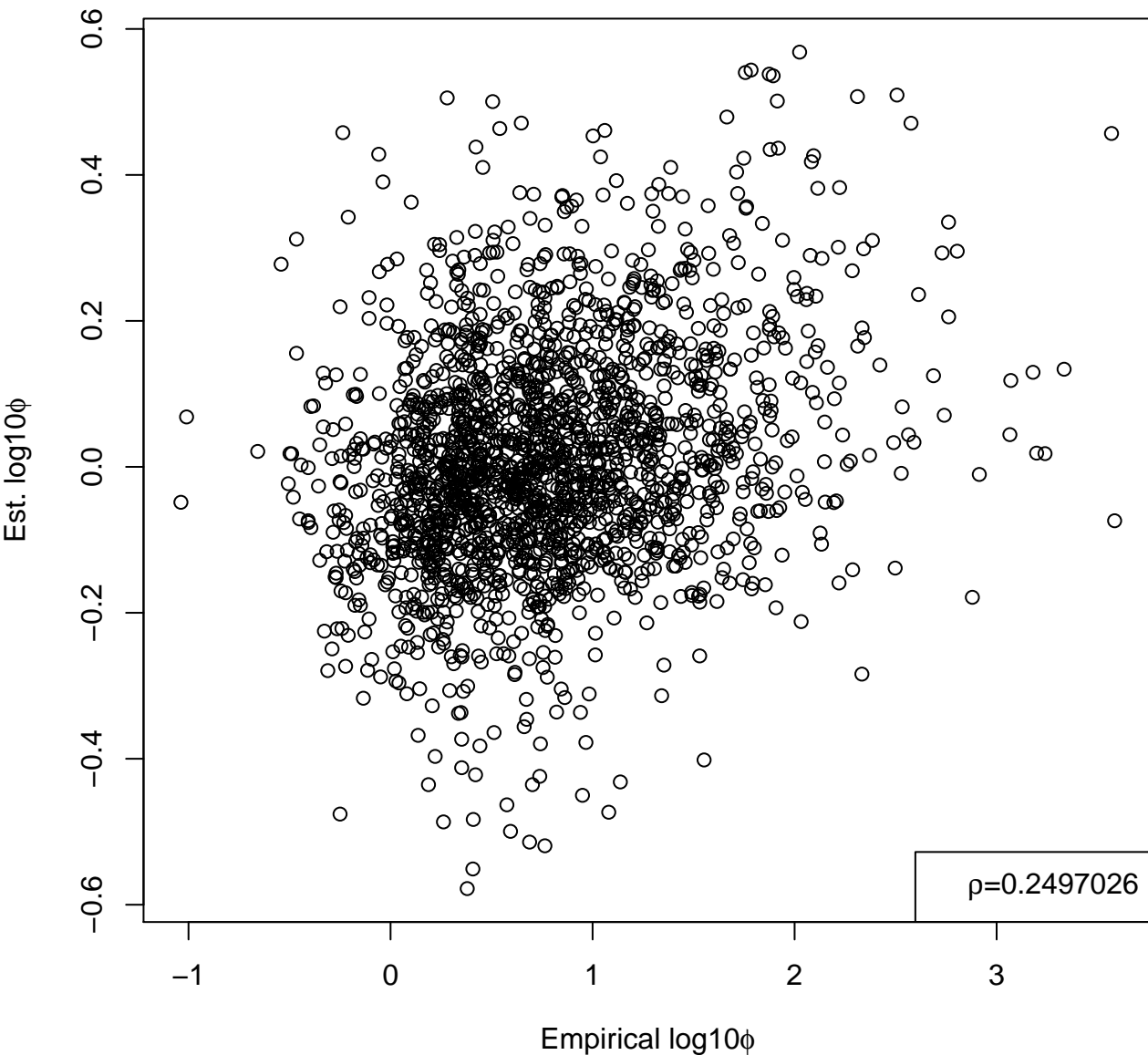
Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_065, GSM2469634, 28, stationary, glucose, 0.8, baseMg, 5, baseNa, 13, NaCl_stress

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_066, GSM2469635, 28, stationary, glucose, 0.8, baseMg, 100, highNa, 13, NaCl_stress
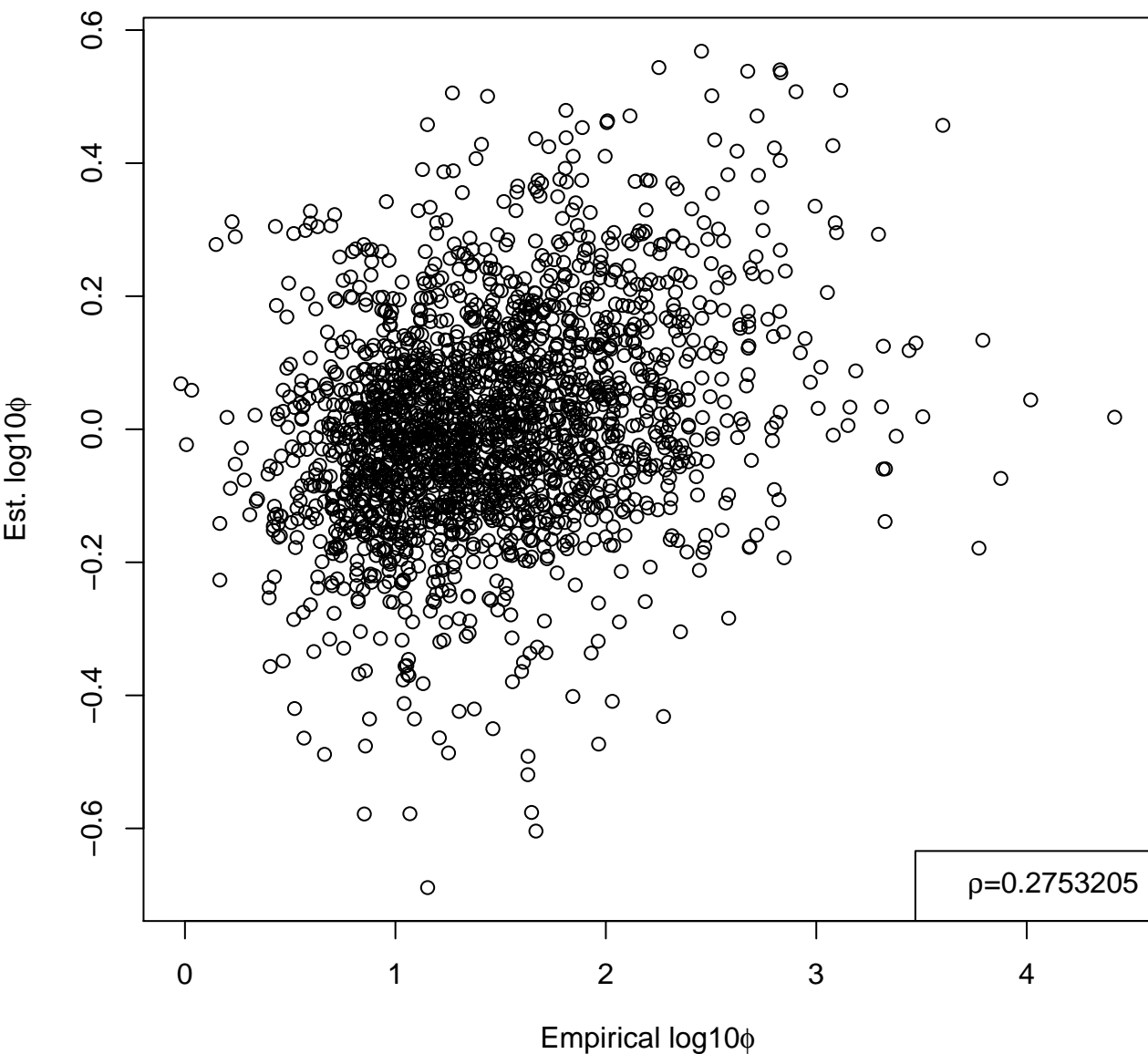
Est. log10ϕ

ρ=0.2753205

Empirical log10ϕ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_067, GSM2469636, 28, stationary, glucose, 0.8, baseMg, 200, highNa, 13, NaCl_stress

ρ=0.2112819

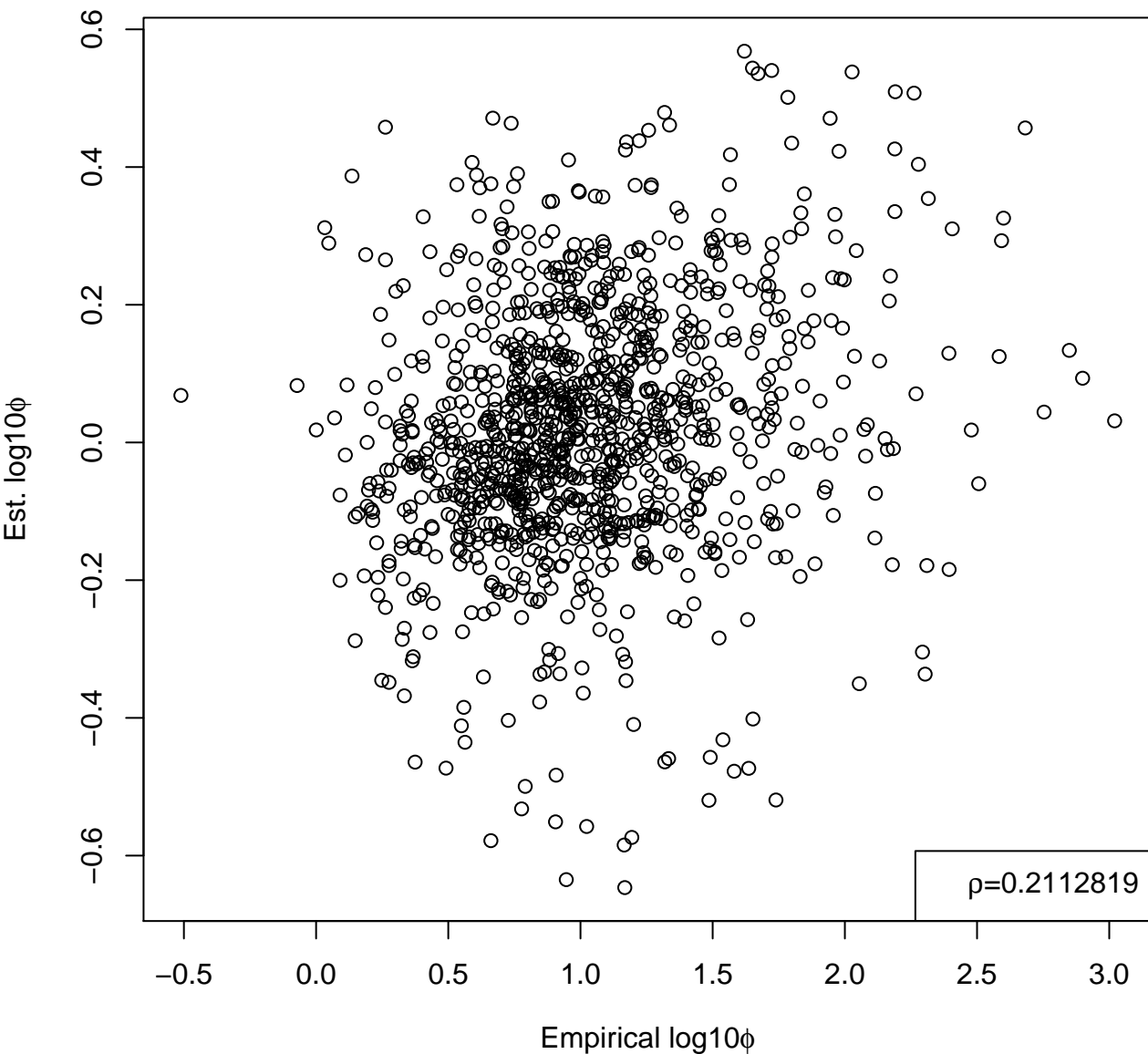Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_068, GSM2469637, 28, stationary, glucose, 0.8, baseMg, 300, highNa, 13, NaCl_stress
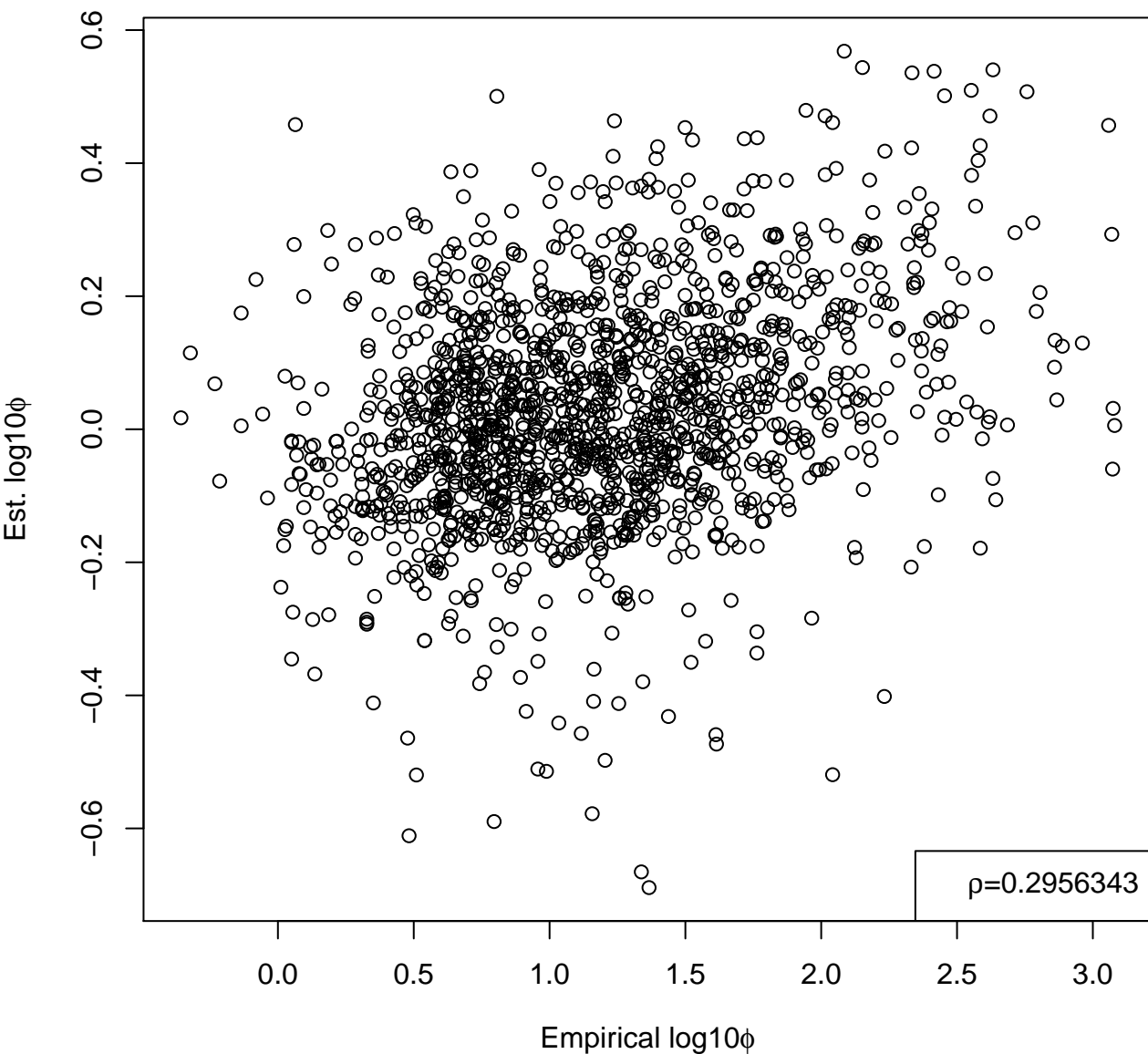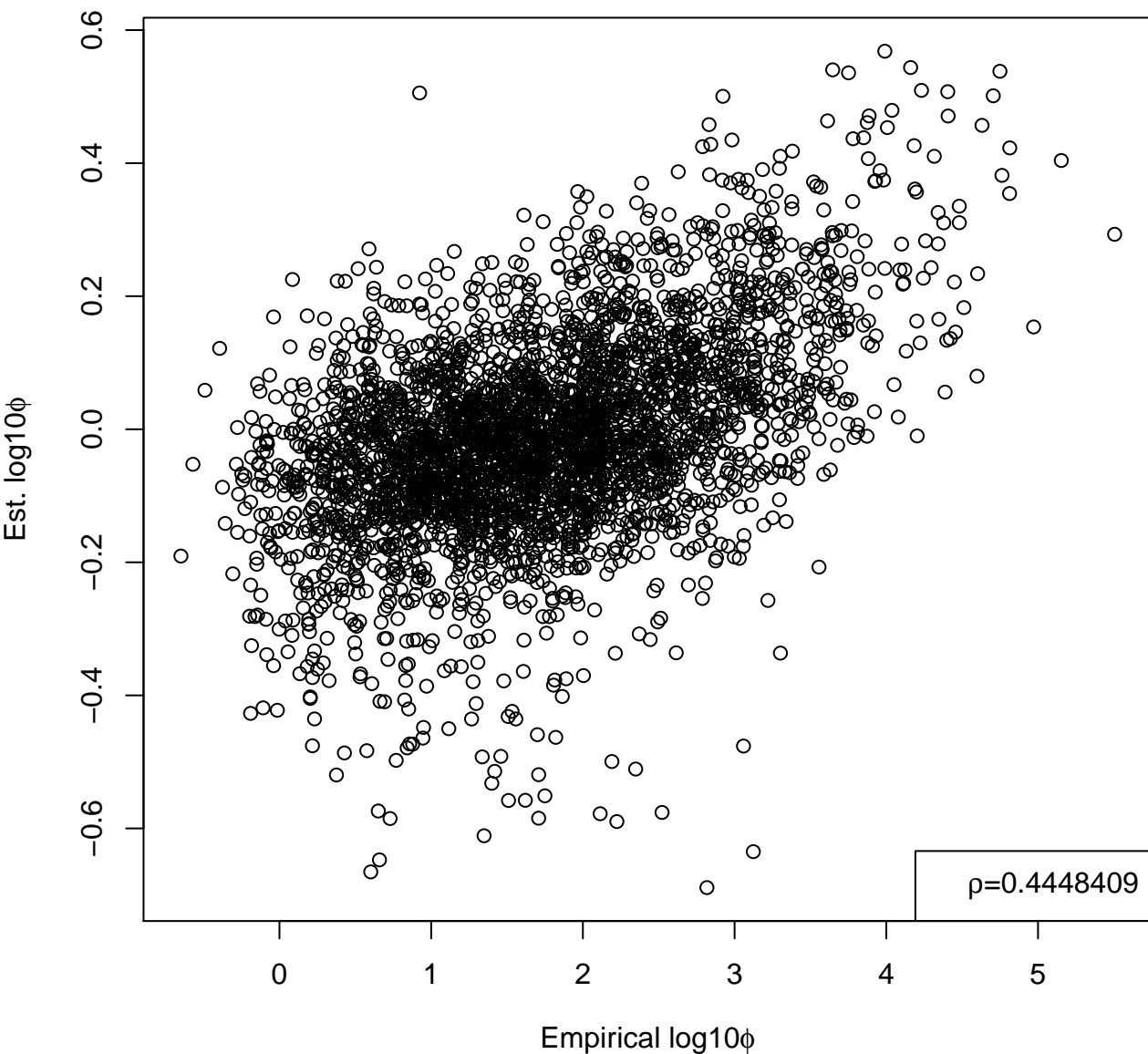
Est. log10ϕ

Empirical log10ϕ

ρ=0.2956343

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_069, GSM2469638, 6, exponential, glucose, 0.8, baseMg, 5, baseNa, 14, NaCl_stress

Est. log10ϕ

Empirical log10ϕ

ρ=0.4448409

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_070, GSM2469639, 6.5, exponential, glucose, 0.8, baseMg, 100, highNa, 14, NaCl_stress

Est. log10ϕ

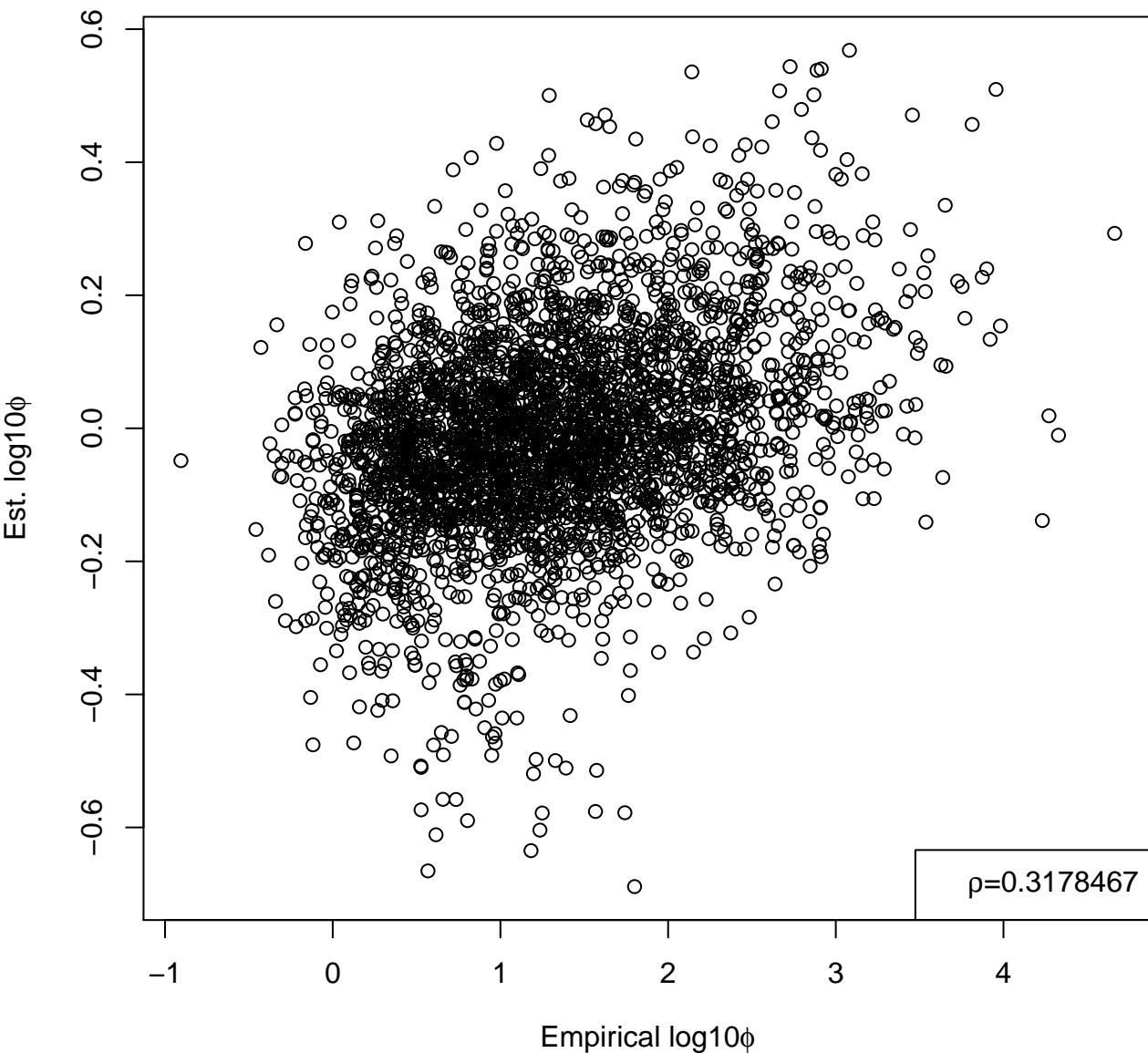Empirical log10ϕ

ρ=0.3178467

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_071, GSM2469640, 8, exponential, glucose, 0.8, baseMg, 200, highNa, 14, NaCl_stress

Est. log10ϕ
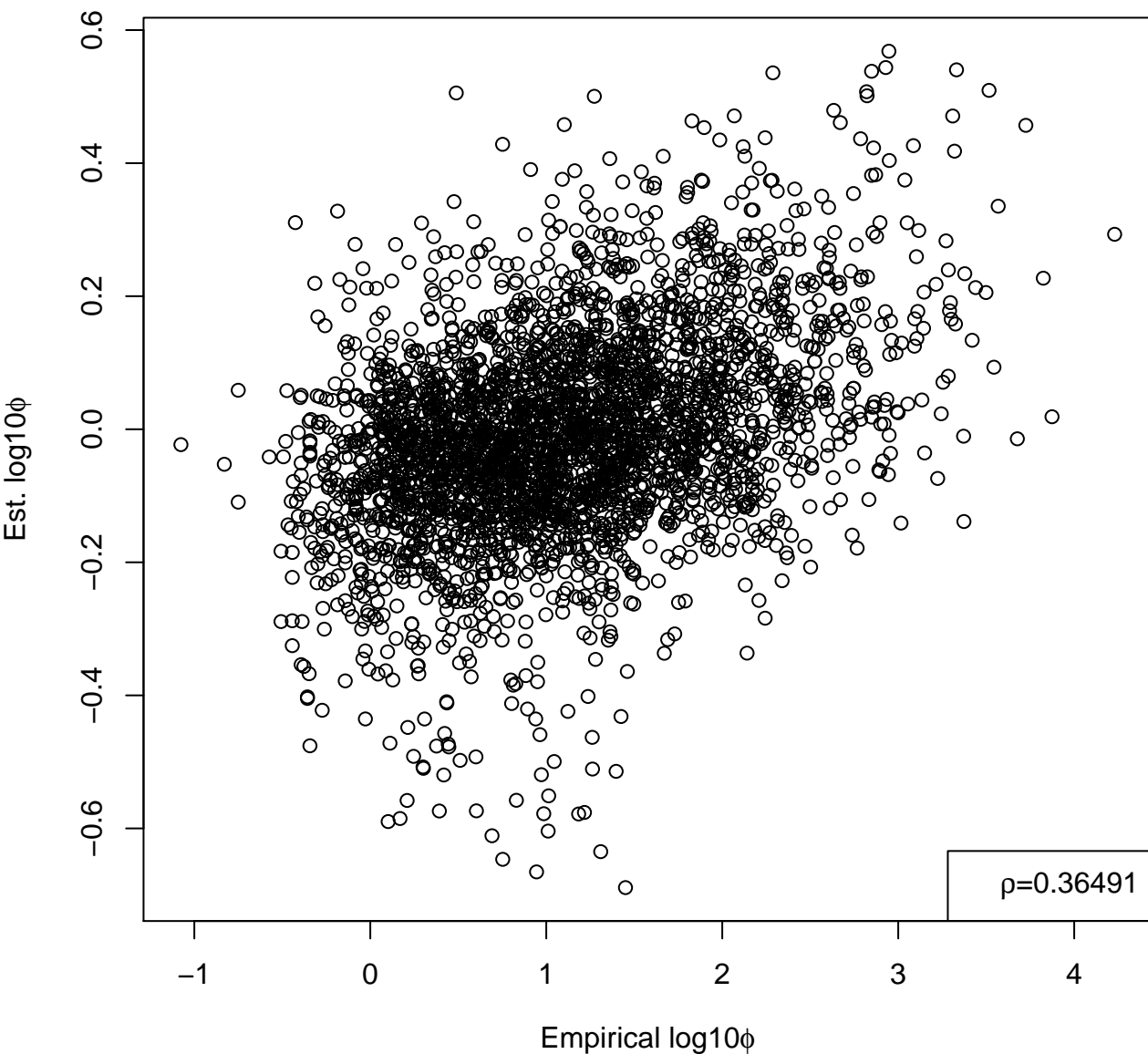
Empirical log10ϕ

ρ=0.36491

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_072, GSM2469641, 10, exponential, glucose, 0.8, baseMg, 300, highNa, 14, NaCl_stress
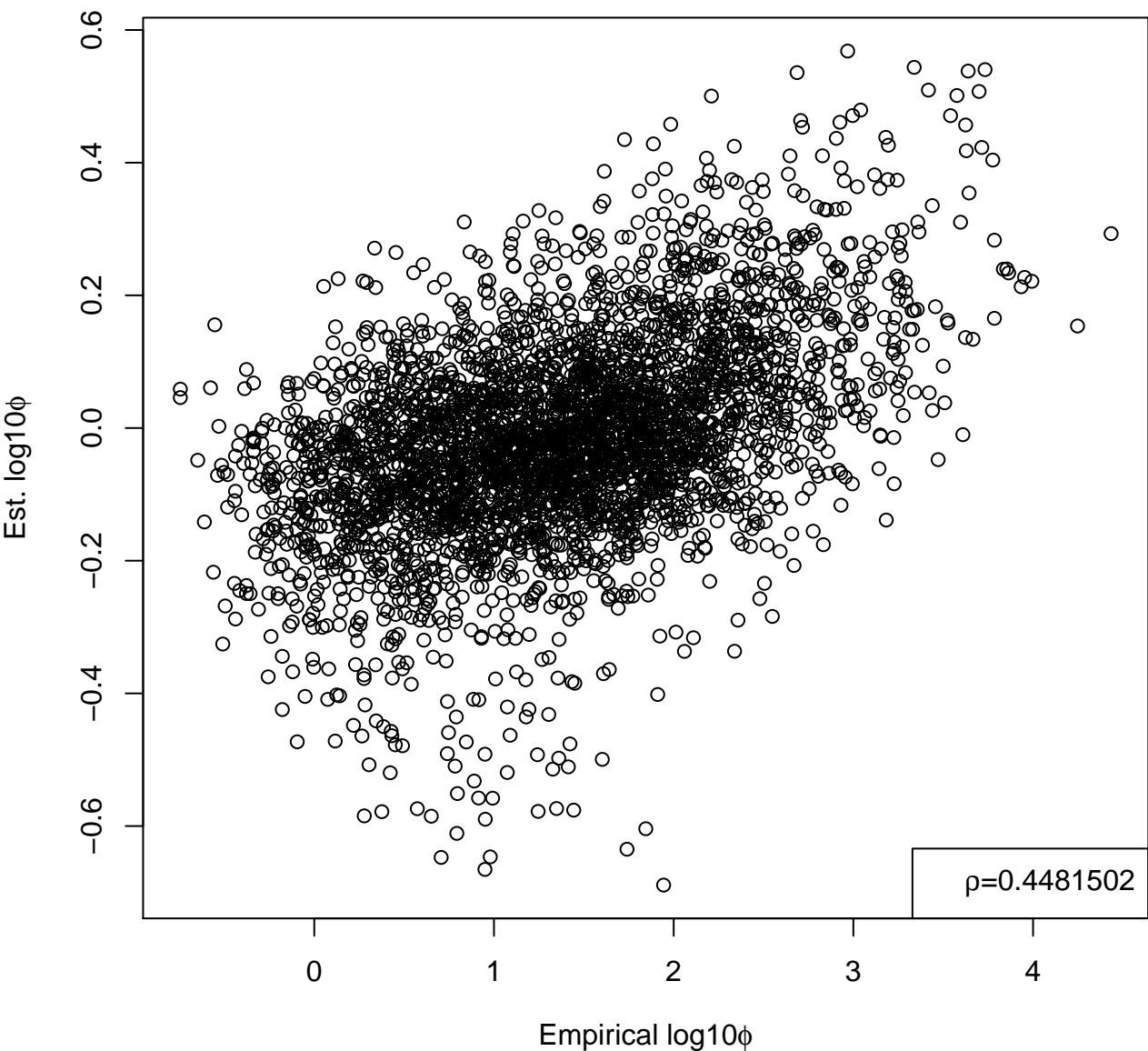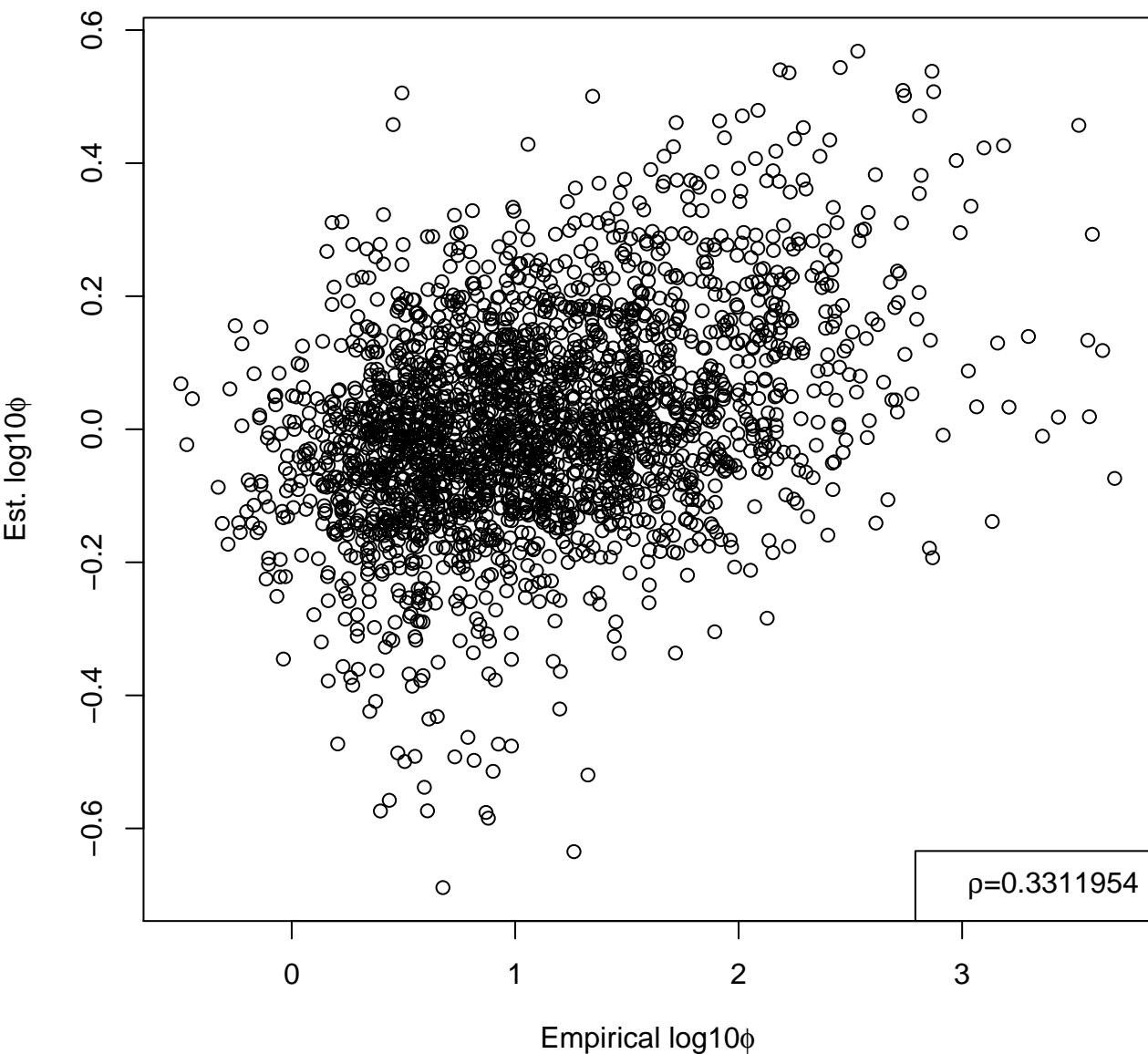
Est. log10φ

Empirical log10φ

ρ=0.4481502

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_073, GSM2469642, 29, stationary, glucose, 0.8, baseMg, 5, baseNa, 14, NaCl_stress

Est. log10ϕ

Empirical log10ϕ

ρ=0.3311954

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_074, GSM2469643, 29, stationary, glucose, 0.8, baseMg, 100, highNa, 14, NaCl_stress

Est. log10ϕ
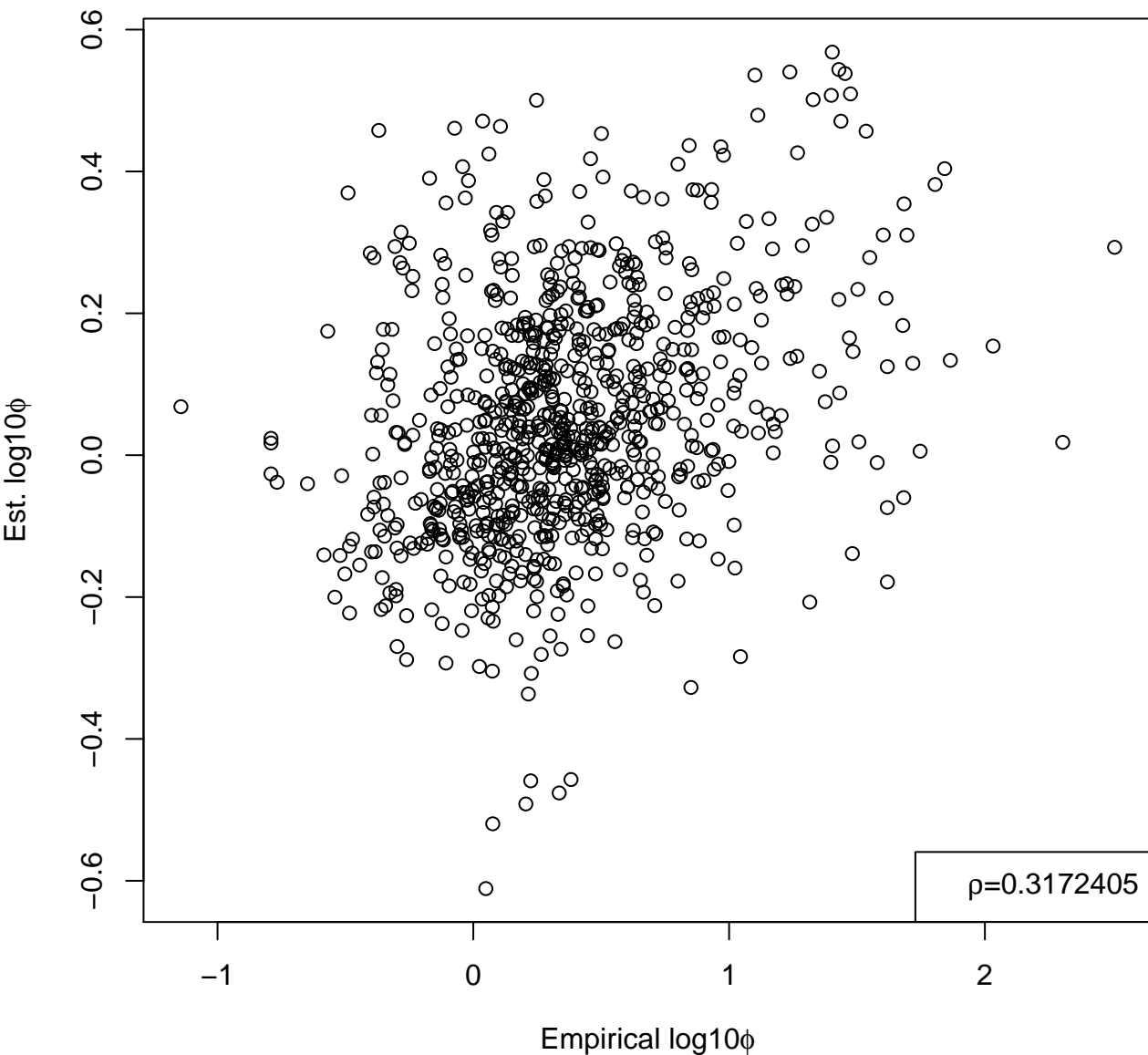
Empirical log10ϕ

ρ=0.3172405

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_075, GSM2469644, 29, stationary, glucose, 0.8, baseMg, 200, highNa, 14, NaCl_stress

Est. log10φ

Empirical log10φ

ρ=0.1903297

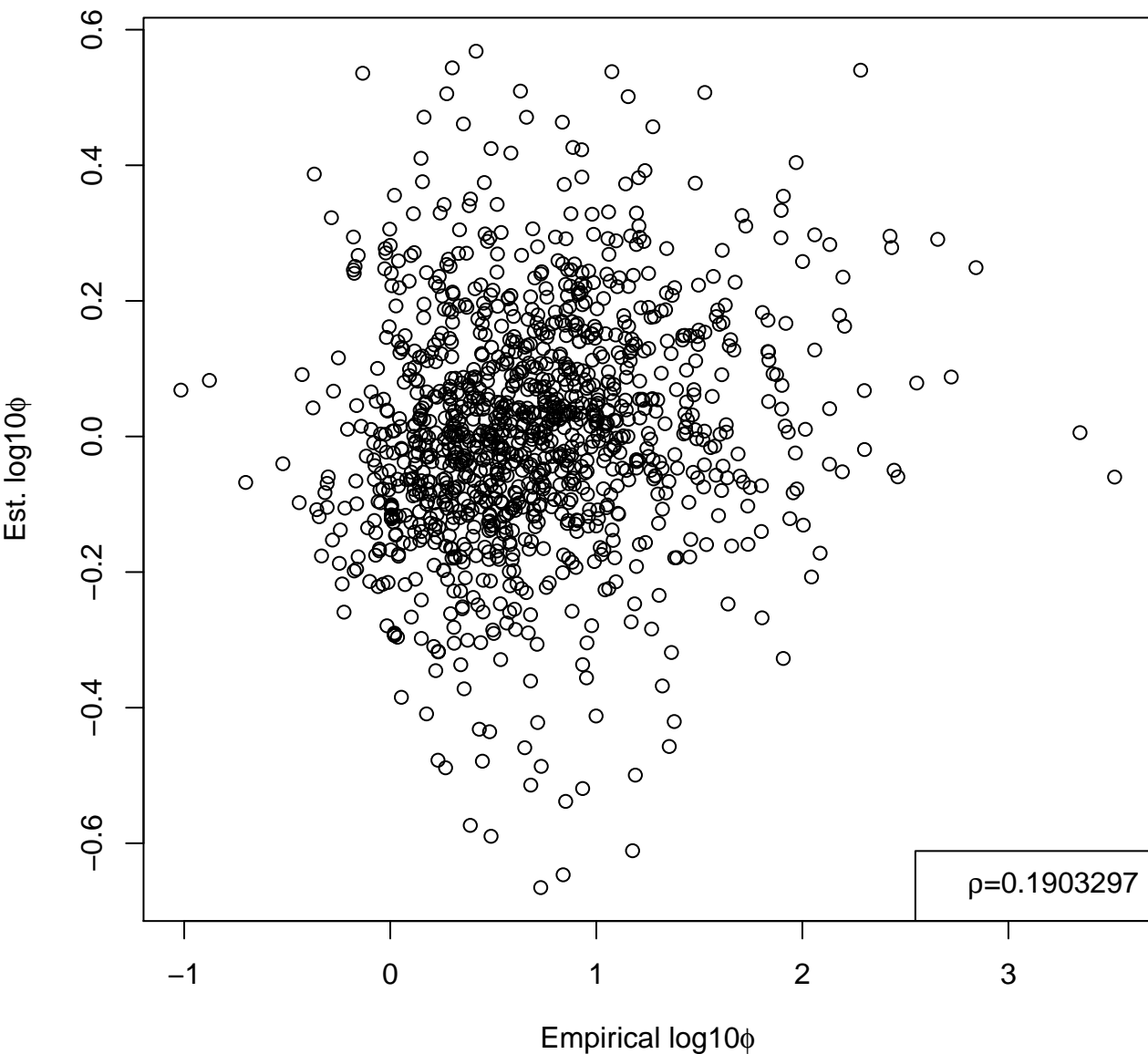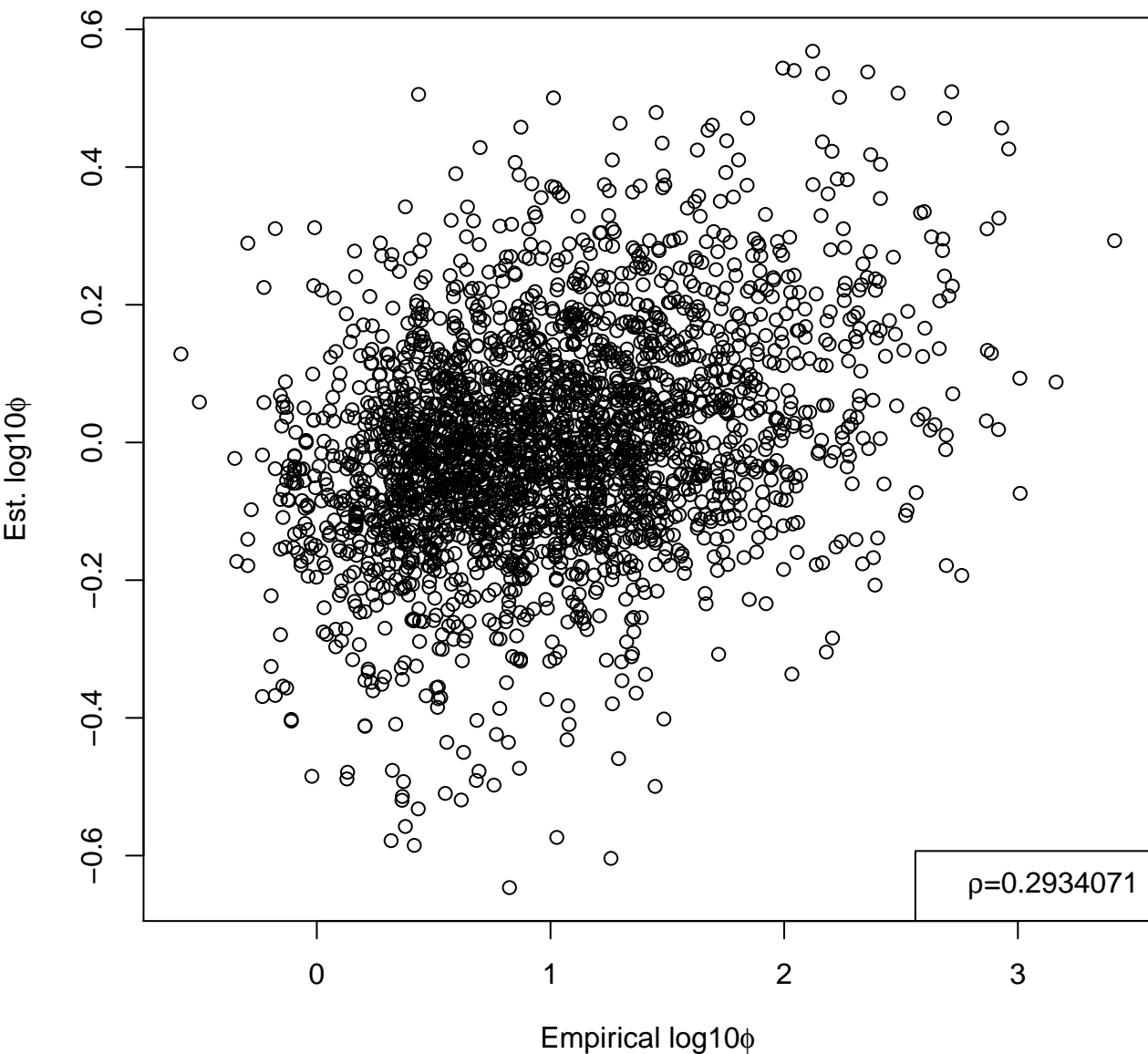Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

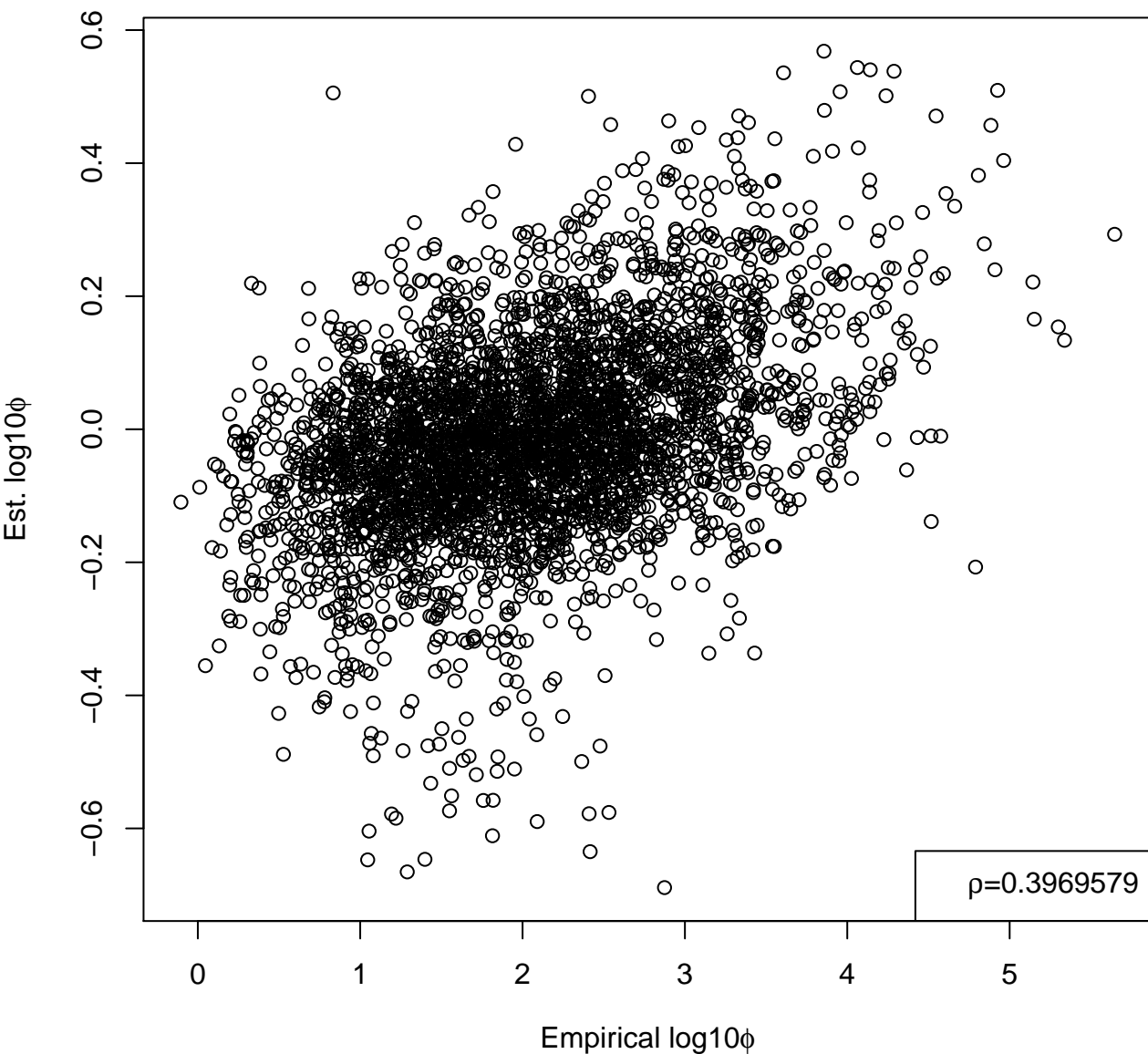**MURI_076, GSM2469645, 29, stationary, glucose, 0.8, baseMg, 300, highNa, 14, NaCl_stress**

ρ=0.2934071

Est. log10ϕ

Empirical log10ϕ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_077, GSM2469646, 5.5, exponential, glucose, 0.8, baseMg, 5, baseNa, 15, NaCl_stress

Est. log10φ vs Empirical log10φ

ρ=0.3969579

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_079, GSM2469647, 8, exponential, glucose, 0.8, baseMg, 200, highNa, 15, NaCl_stress
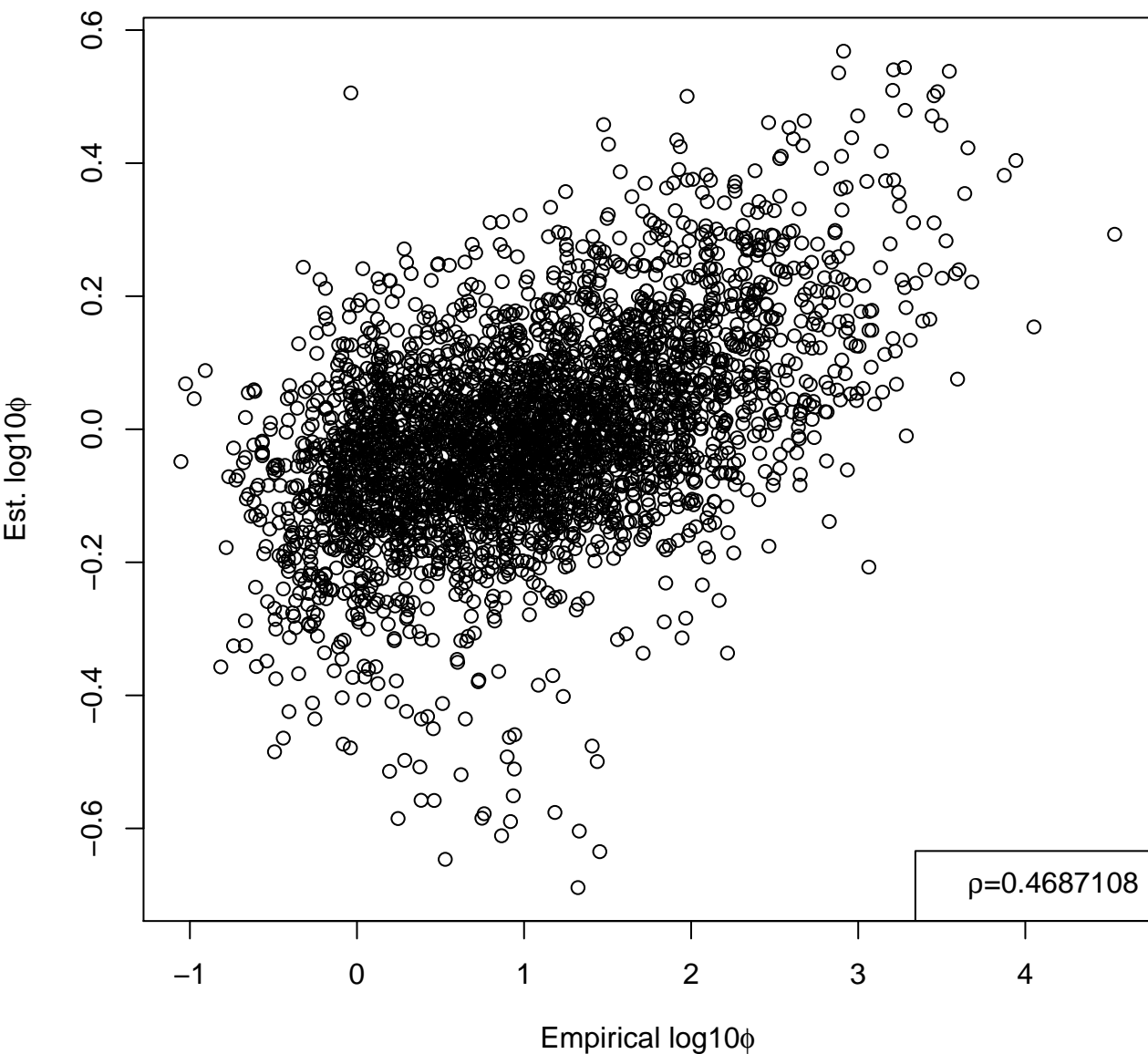
Est. log10φ

Empirical log10φ

ρ=0.4687108

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_080, GSM2469648, 10, exponential, glucose, 0.8, baseMg, 300, highNa, 15, NaCl_stress
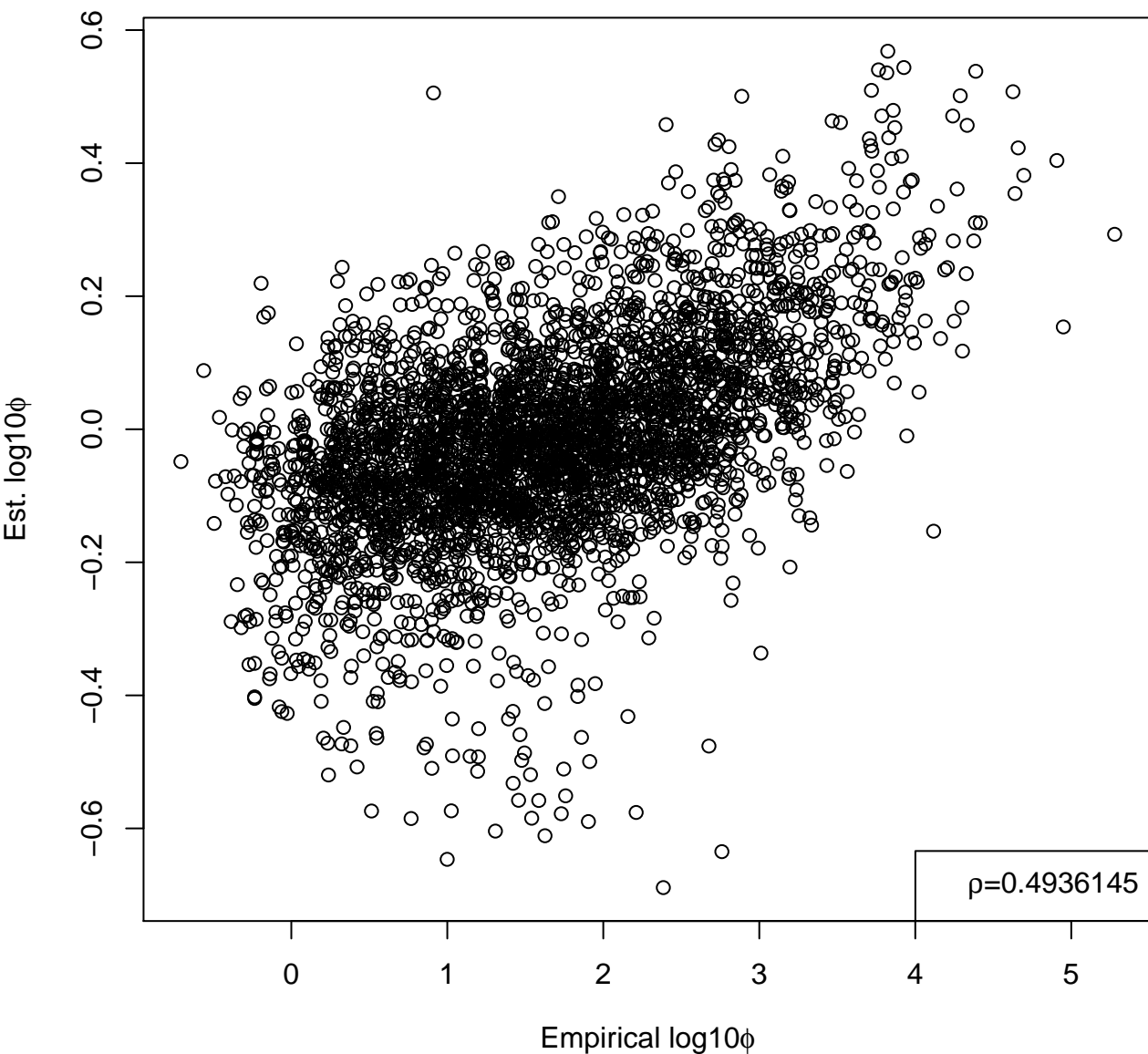
Est. log10ϕ

Empirical log10ϕ

$\rho=0.4936145$

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_081, GSM2469649, 29, stationary, glucose, 0.8, baseMg, 5, baseNa, 15, NaCl_stress
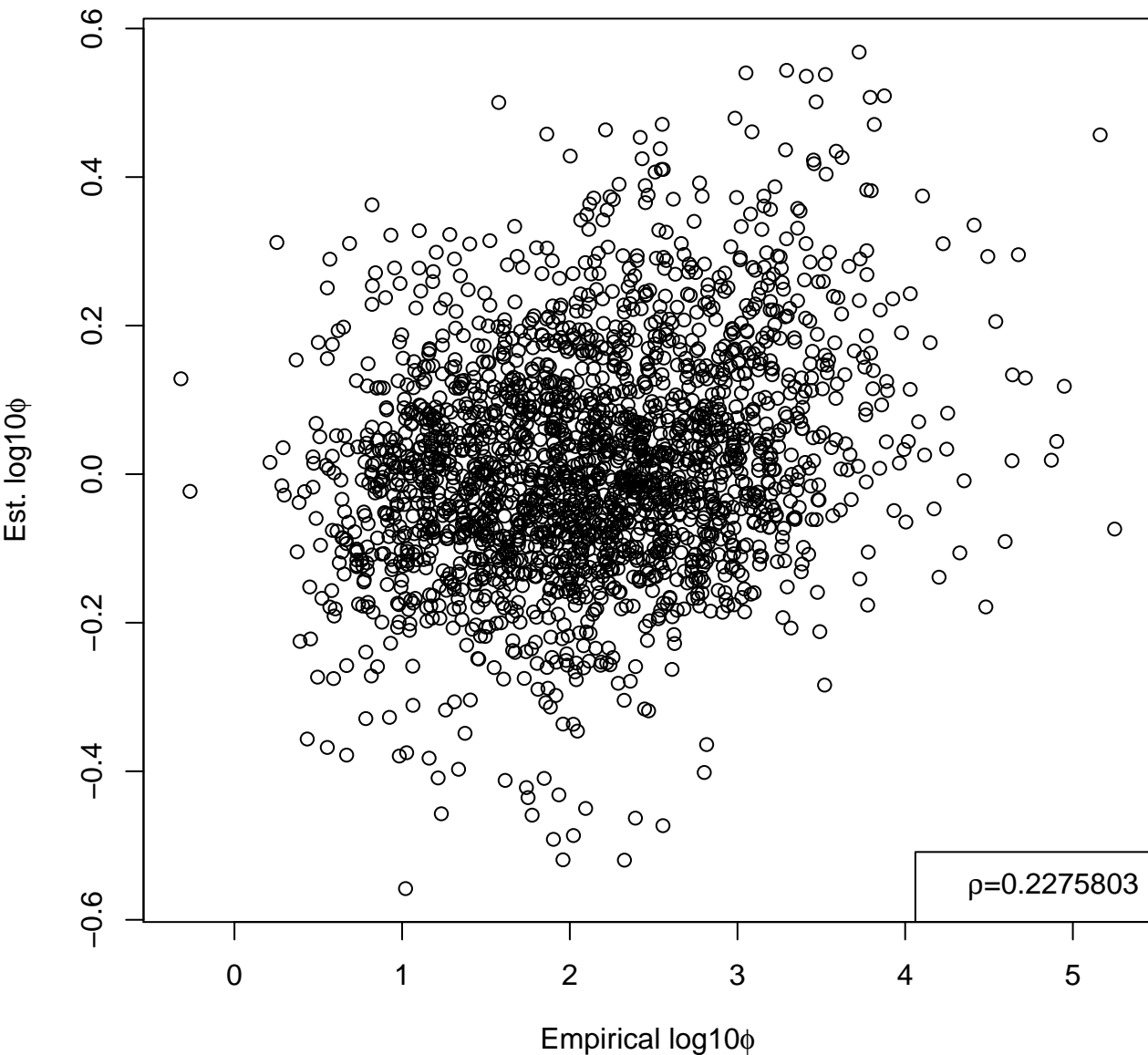

Est. log10ϕ

Empirical log10ϕ

ρ=0.2275803

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_082, GSM2469650, 29, stationary, glucose, 0.8, baseMg, 100, highNa, 15, NaCl_stress

Est. log10φ

Empirical log10φ

ρ=0.303505
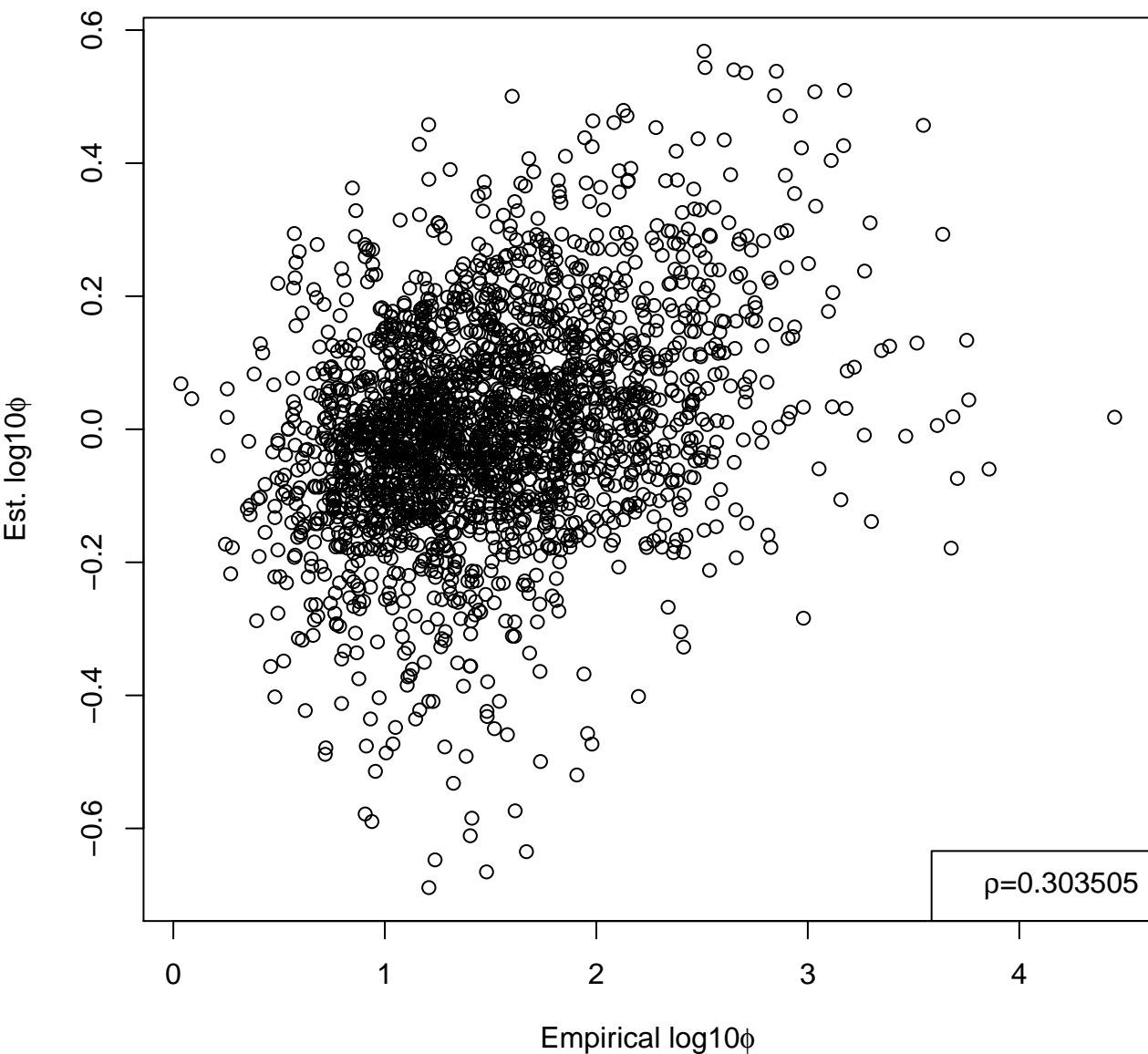
Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_083, GSM2469651, 29, stationary, glucose, 0.8, baseMg, 200, highNa, 15, NaCl_stress

Est. log10ϕ
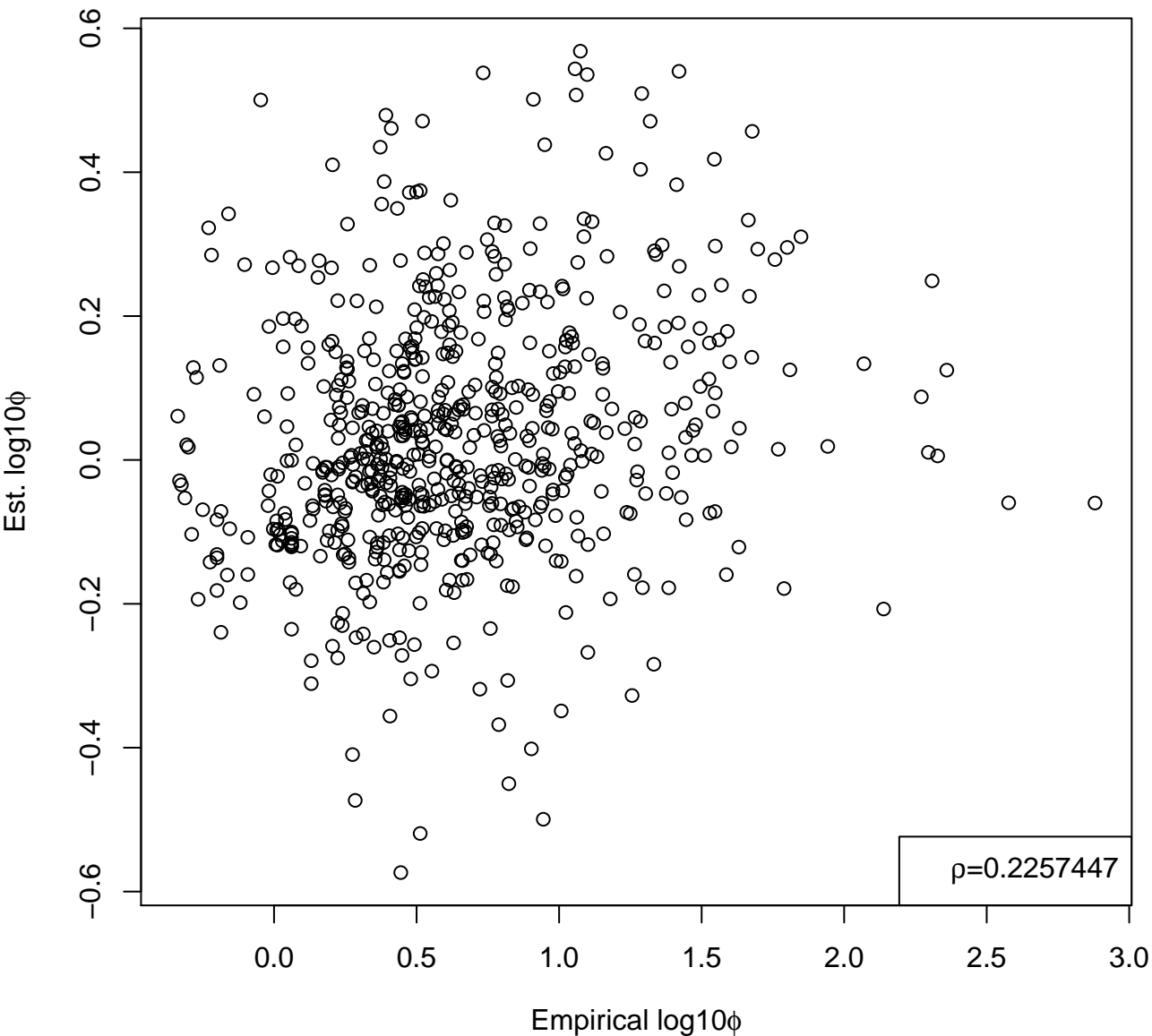
Empirical log10ϕ

ρ=0.2257447

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_084, GSM2469652, 29, stationary, glucose, 0.8, baseMg, 300, highNa, 15, NaCl_stress
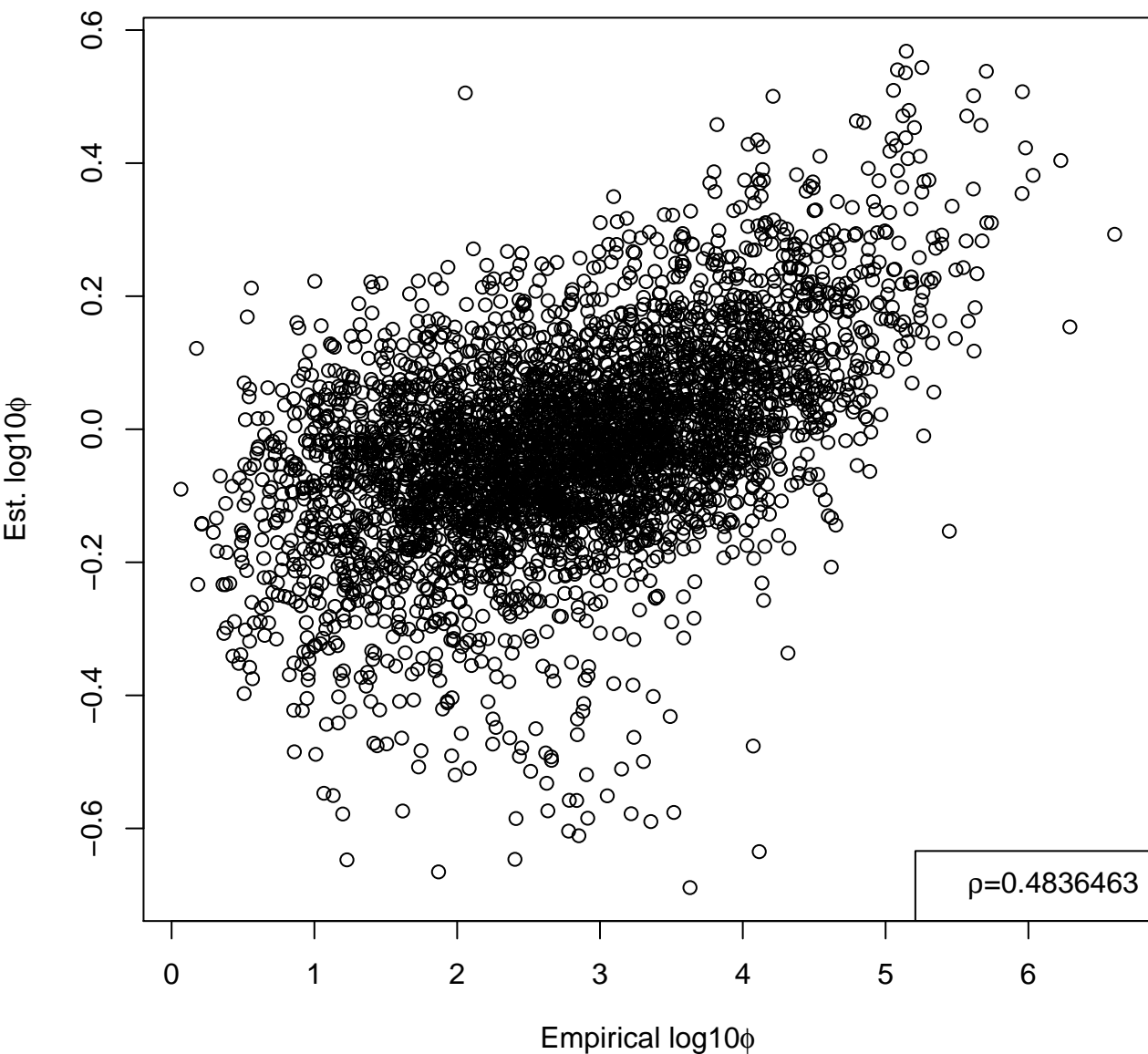
Est. log10φ

Empirical log10φ

ρ=0.4836463

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_085, GSM2469653, 9, exponential, lactate, 0.8, baseMg, 5, baseNa, 16, lactate_growth
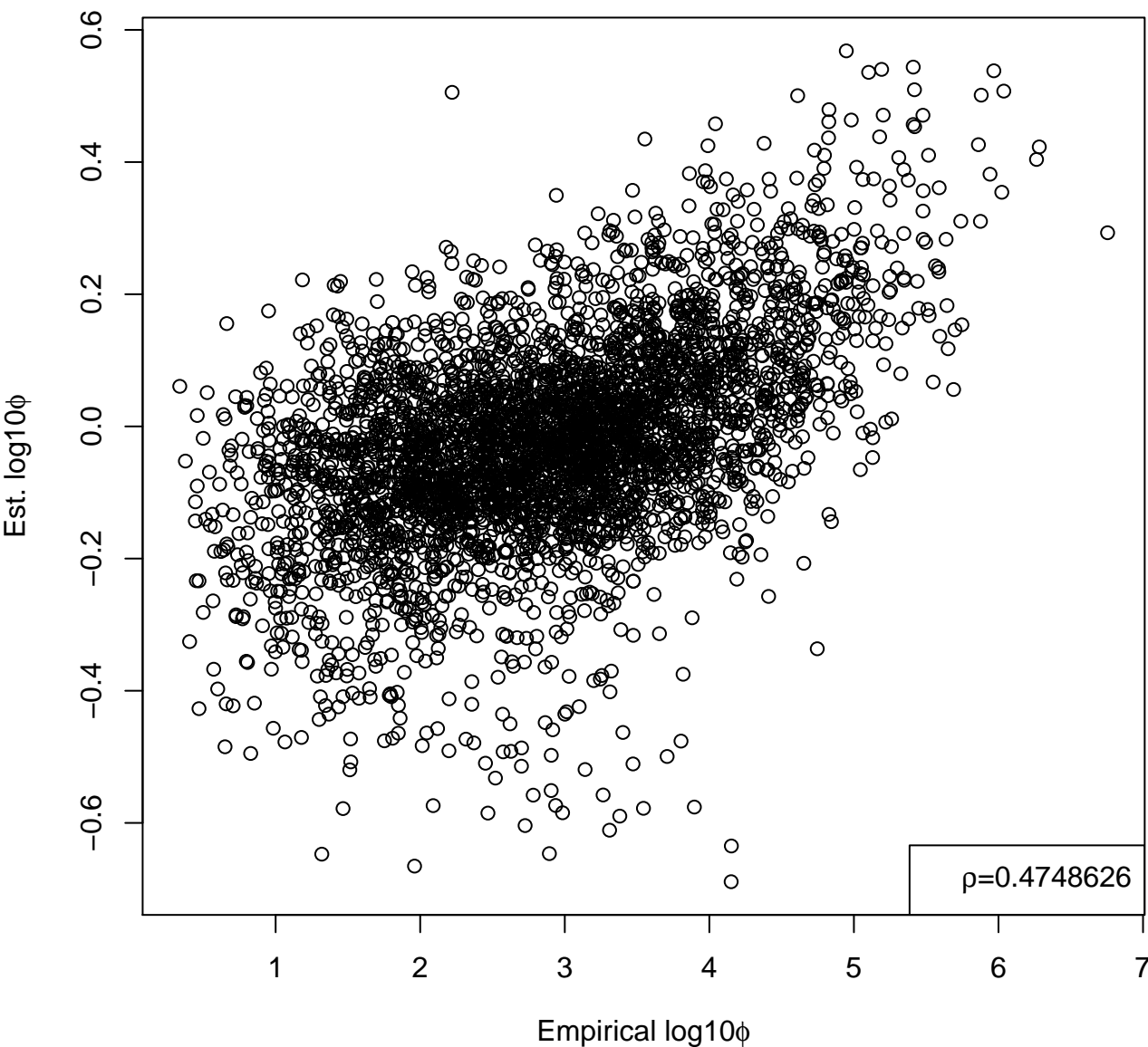
Est. log10φ

Empirical log10φ

ρ=0.4748626

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_086, GSM2469654, 29, stationary, lactate, 0.8, baseMg, 5, baseNa, 16, lactate_growth

Est. log10φ

Empirical log10φ

ρ=0.4710668
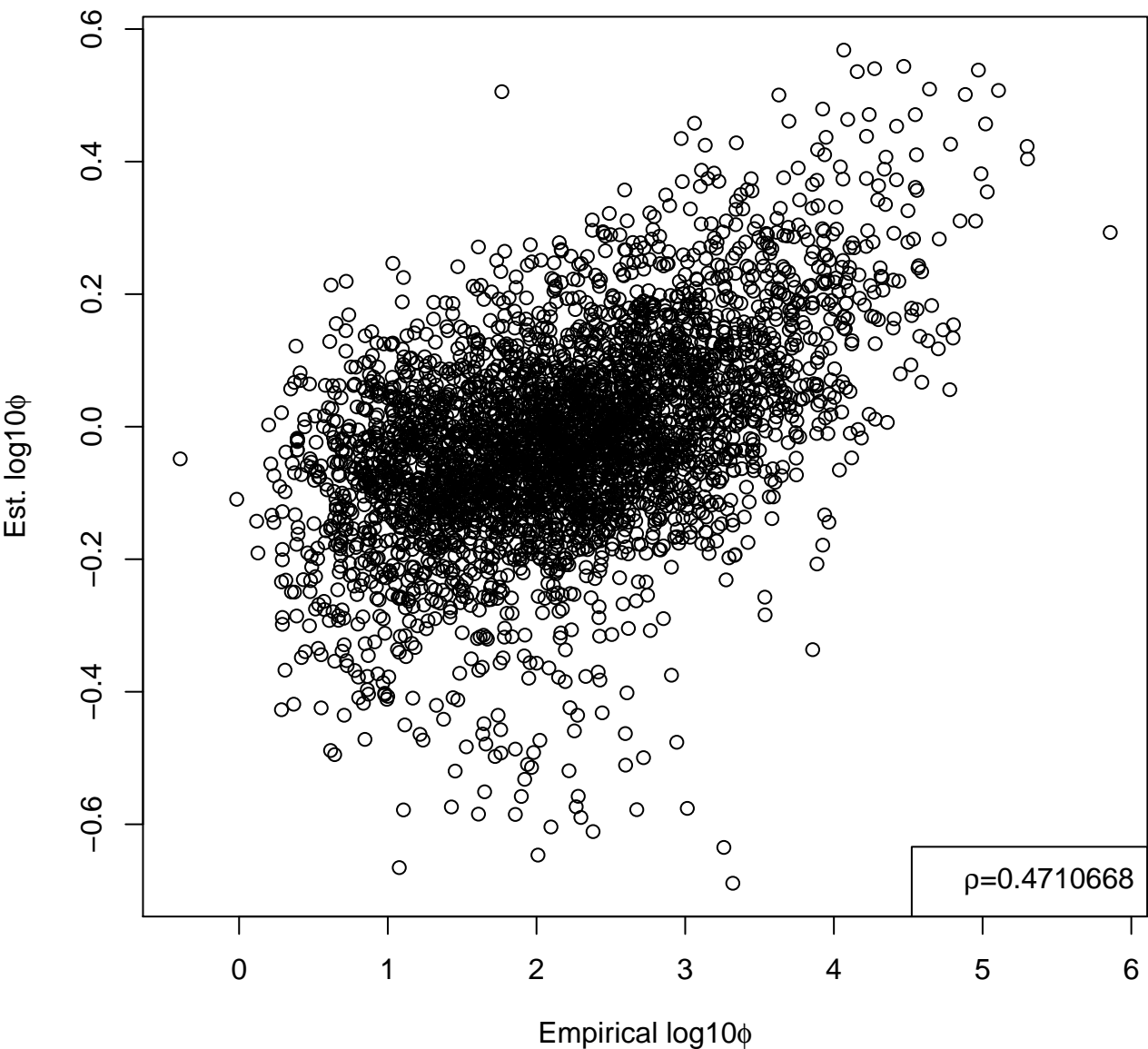
Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

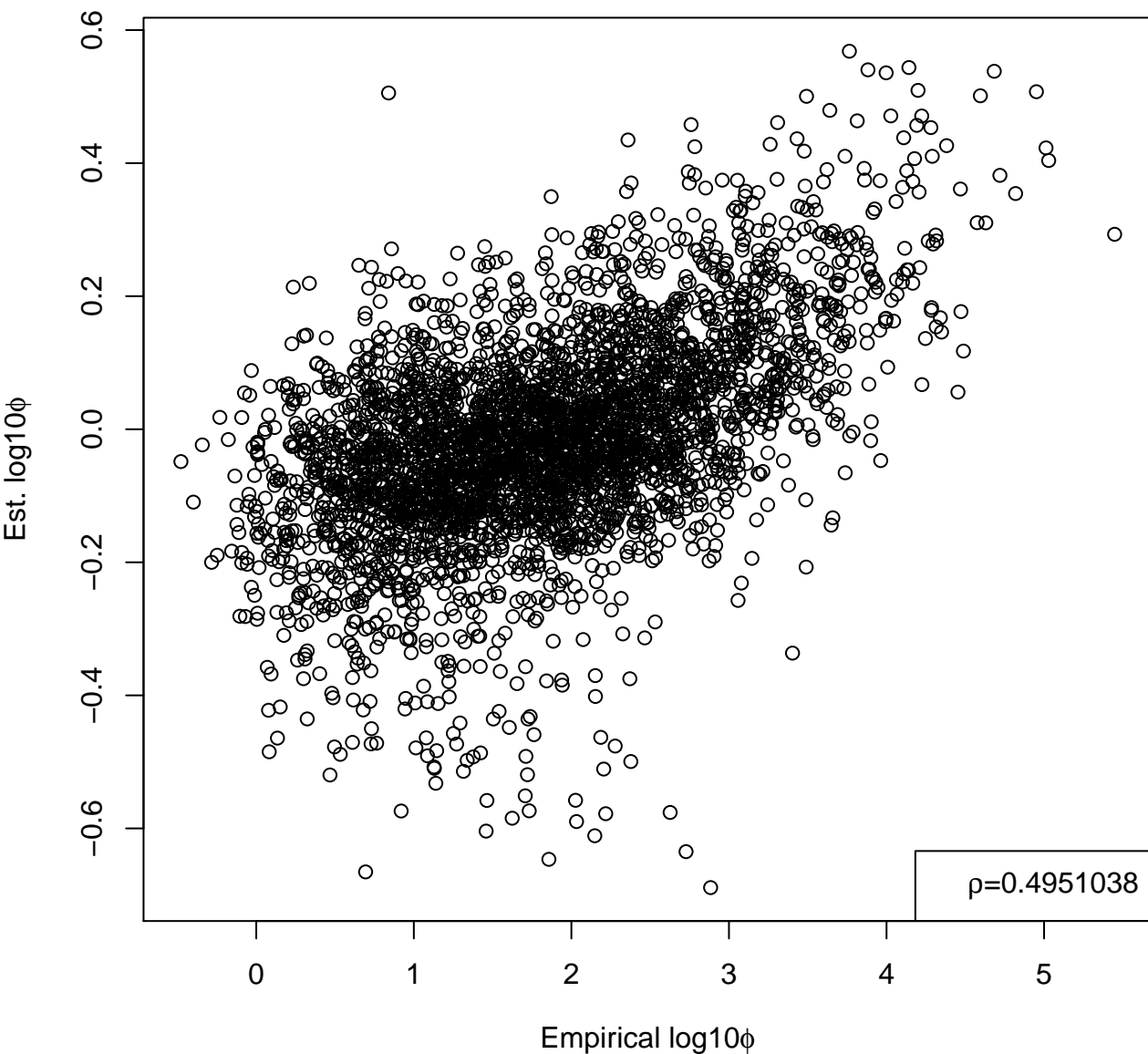**MURI_087, GSM2469655, 8, exponential, lactate, 0.8, baseMg, 5, baseNa, 17, lactate_growth**

Est. log10ϕ

Empirical log10ϕ

ρ=0.4951038

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

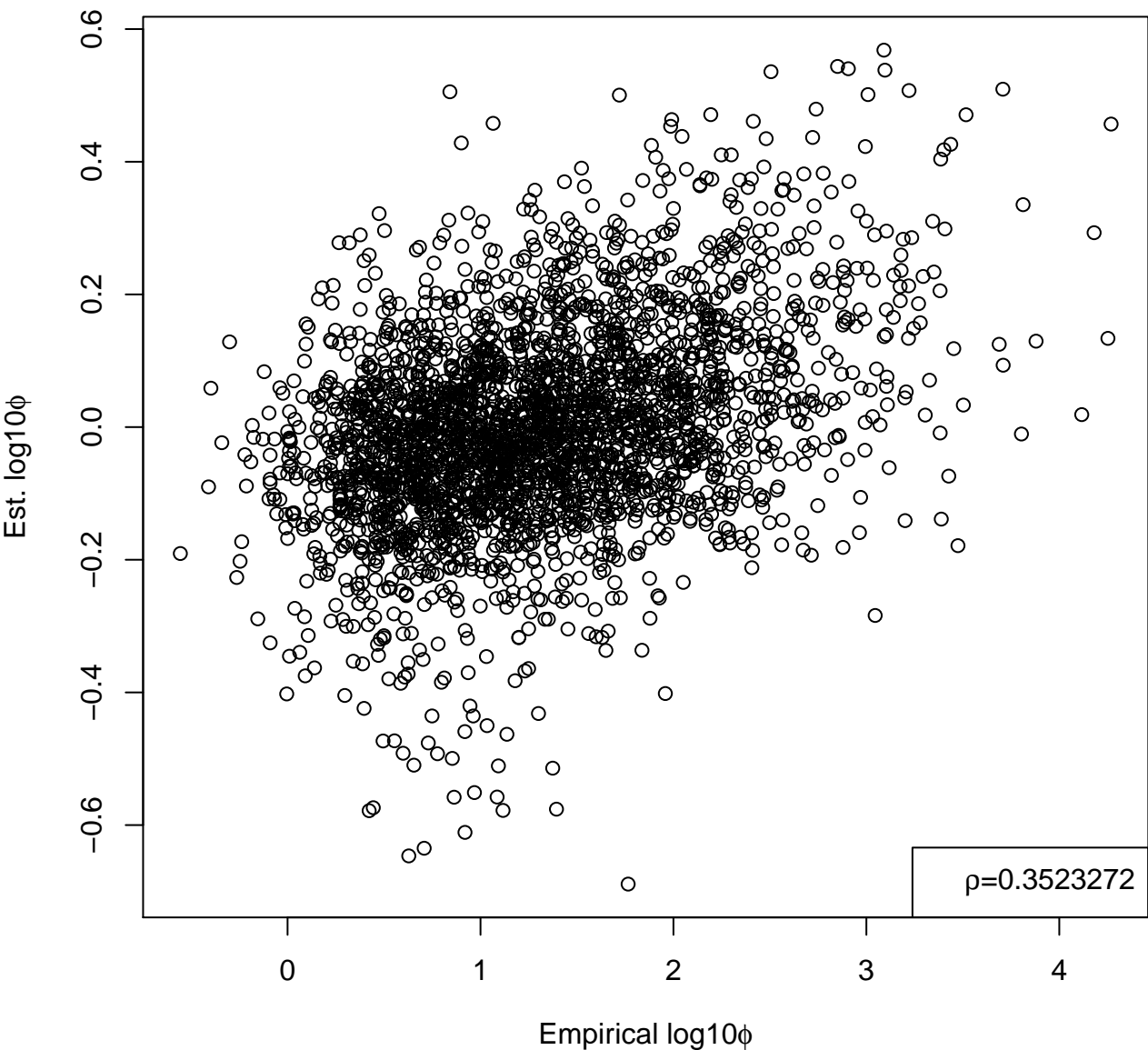**MURI_088, GSM2469656, 29, stationary, lactate, 0.8, baseMg, 5, baseNa, 17, lactate_growth**

Est. log10ϕ

Empirical log10ϕ

ρ=0.3523272
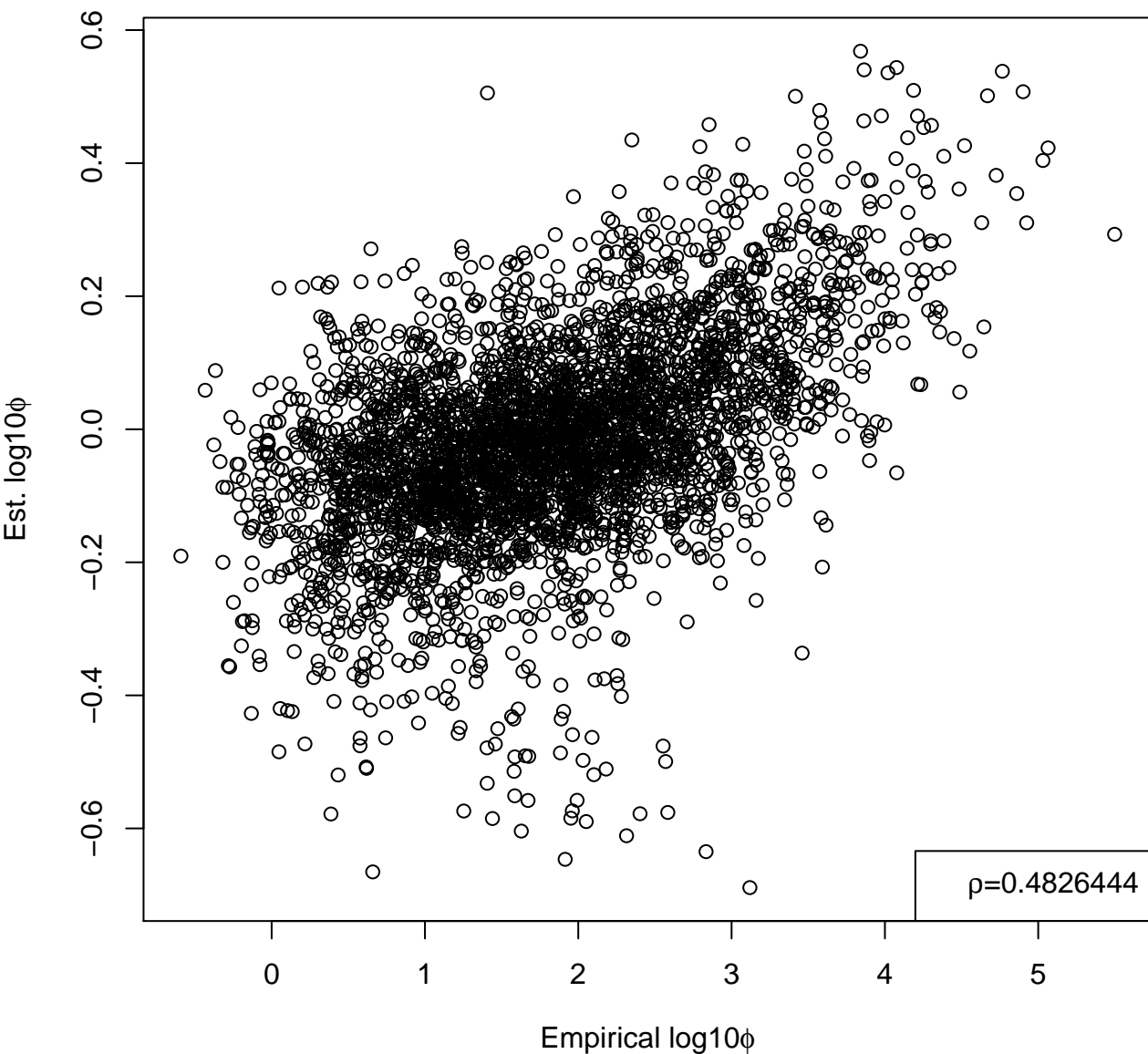
Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_089, GSM2469657, 9, exponential, lactate, 0.8, baseMg, 5, baseNa, 18, lactate_growth
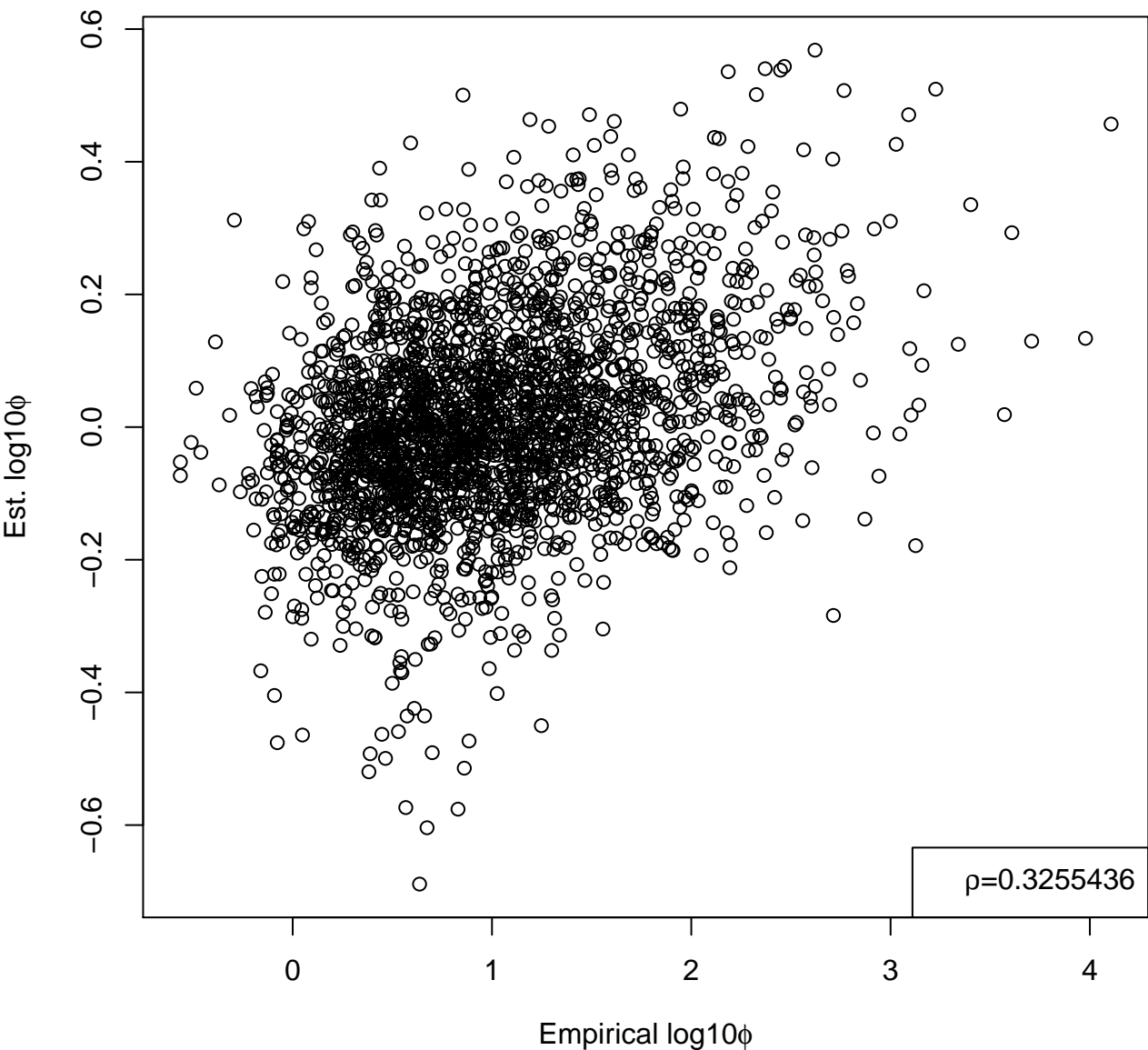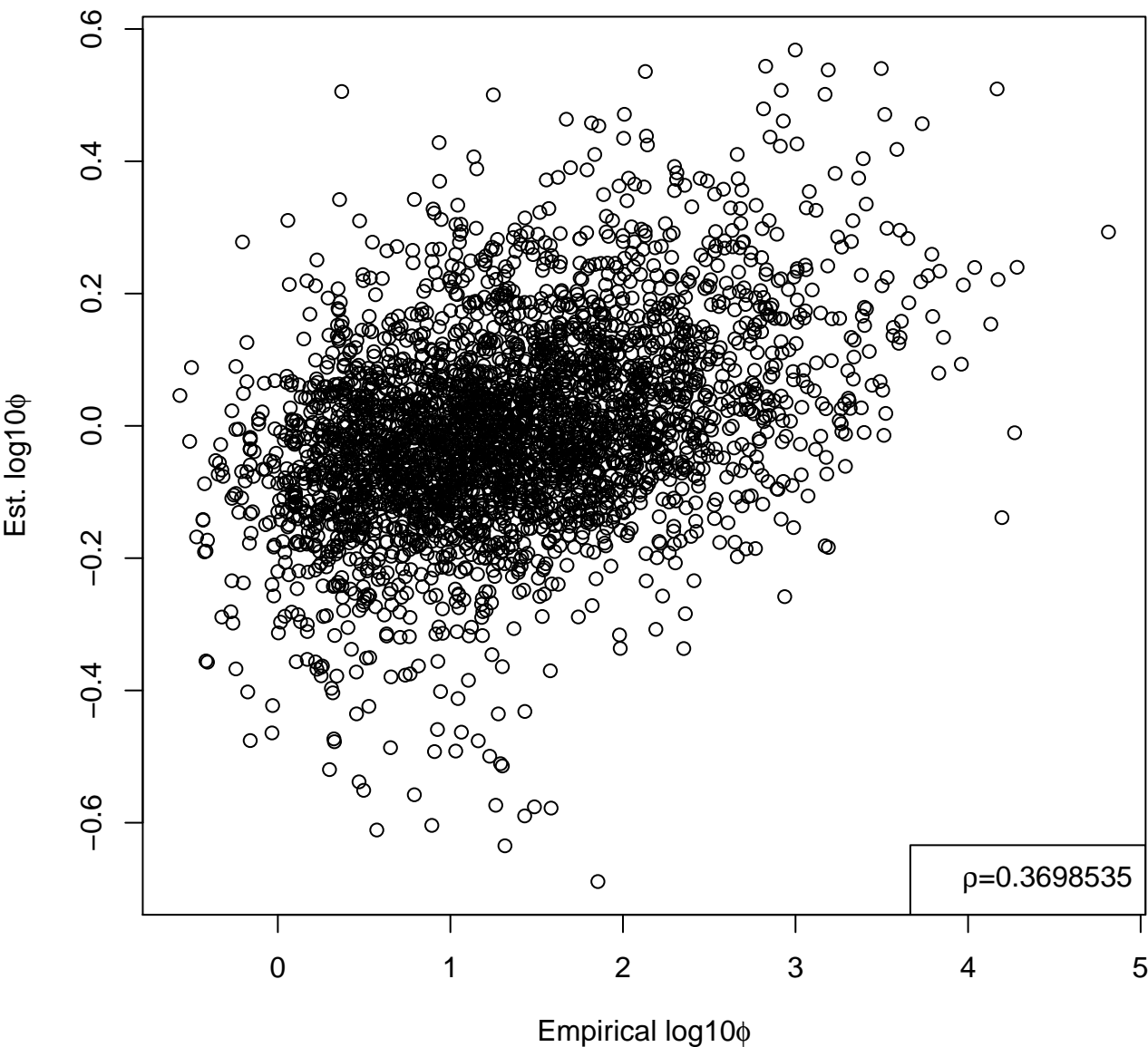
Est. log10ϕ

ρ=0.4826444

Empirical log10ϕ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

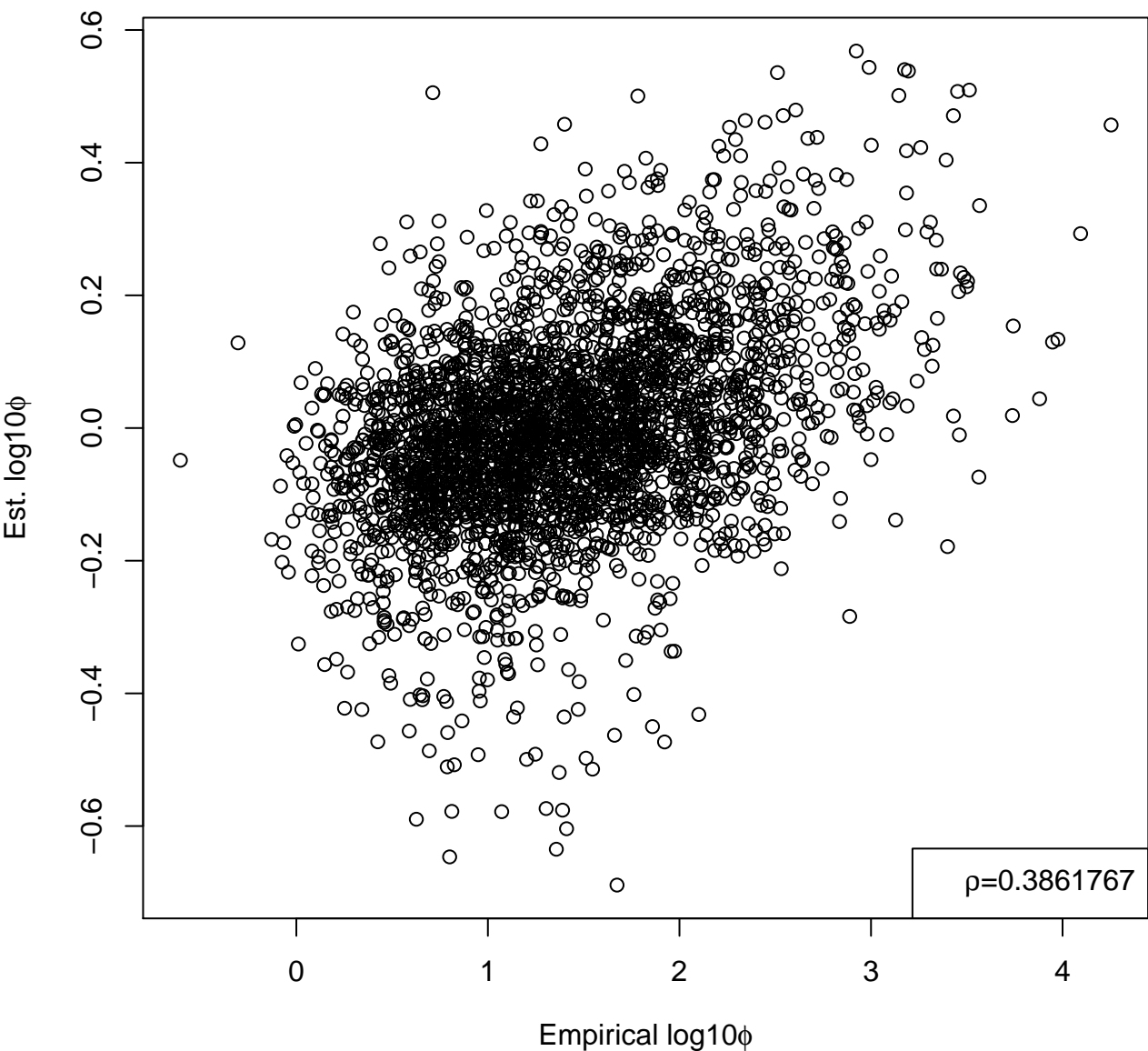**MURI_090, GSM2469658, 29, stationary, lactate, 0.8, baseMg, 5, baseNa, 18, lactate_growth**

Est. log10ϕ

Empirical log10ϕ

ρ=0.3255436

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_091, GSM2469659, 6, exponential, gluconate, 0.8, baseMg, 5, baseNa, 19, gluconate_growth

Est. log10φ

Empirical log10φ

ρ=0.3698535

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_092, GSM2469660, 27, stationary, gluconate, 0.8, baseMg, 5, baseNa, 19, gluconate_growth

Est. log10ϕ

Empirical log10ϕ

ρ=0.3861767

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

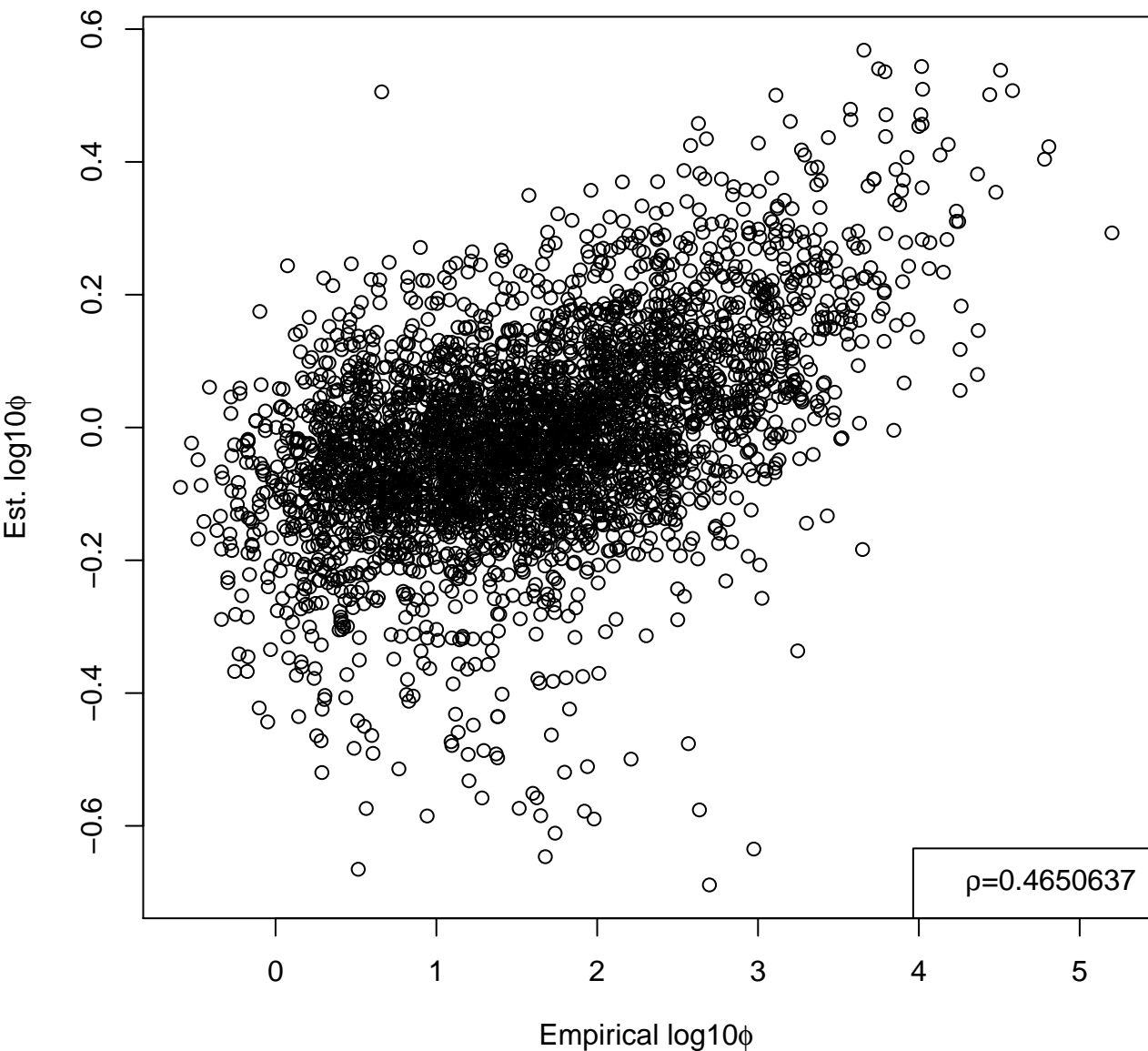**MURI_093, GSM2469661, 5, exponential, gluconate, 0.8, baseMg, 5, baseNa, 20, gluconate_growth**

Est. log10φ

ρ=0.4650637

Empirical log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

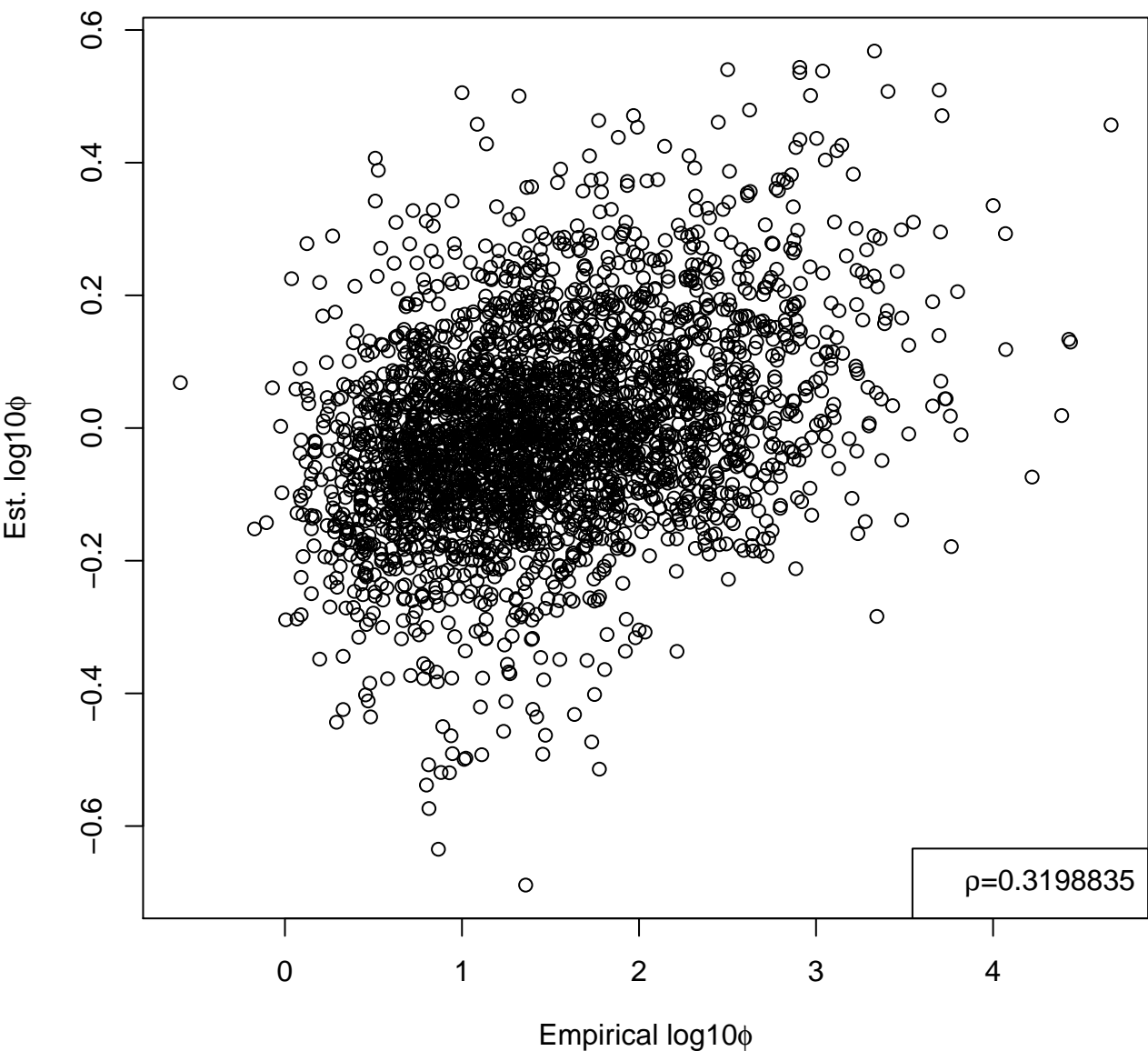**MURI_094, GSM2469662, 27, stationary, gluconate, 0.8, baseMg, 5, baseNa, 20, gluconate_growth**

Est. log10φ

Empirical log10φ

ρ=0.3198835

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

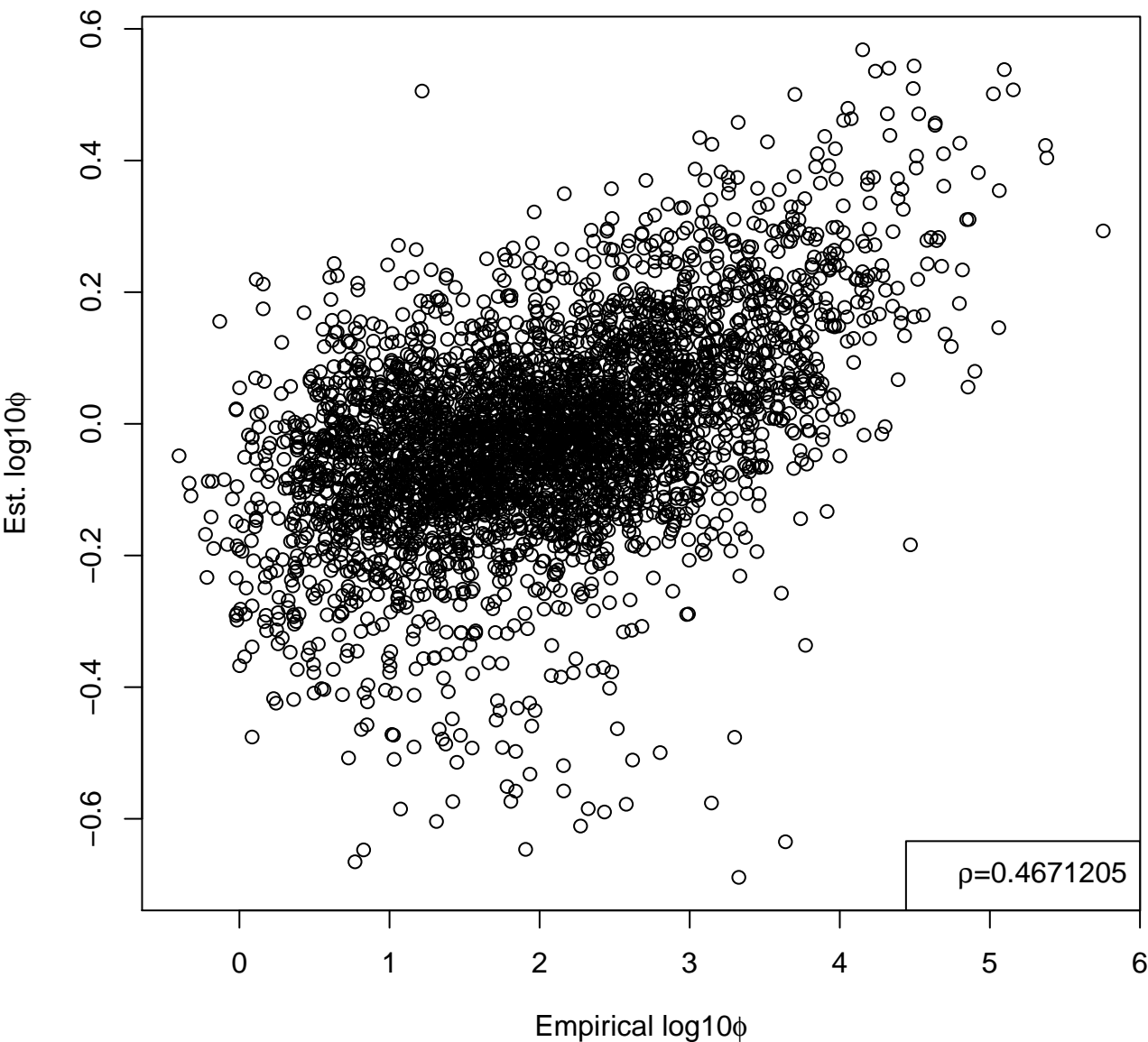**MURI_095, GSM2469663, 6, exponential, gluconate, 0.8, baseMg, 5, baseNa, 21, gluconate_growth**

Est. log10ϕ

Empirical log10ϕ

ρ=0.4671205

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

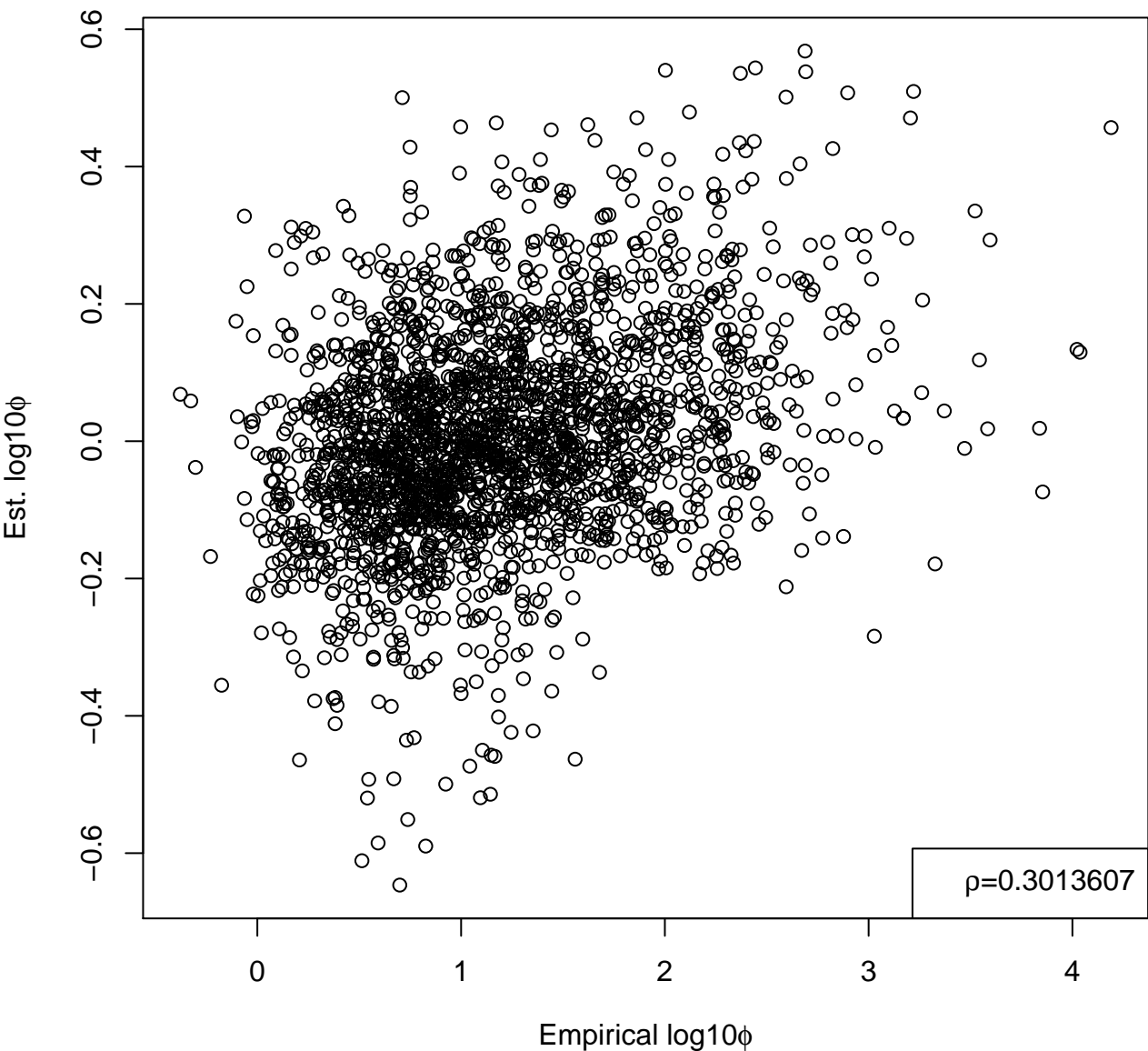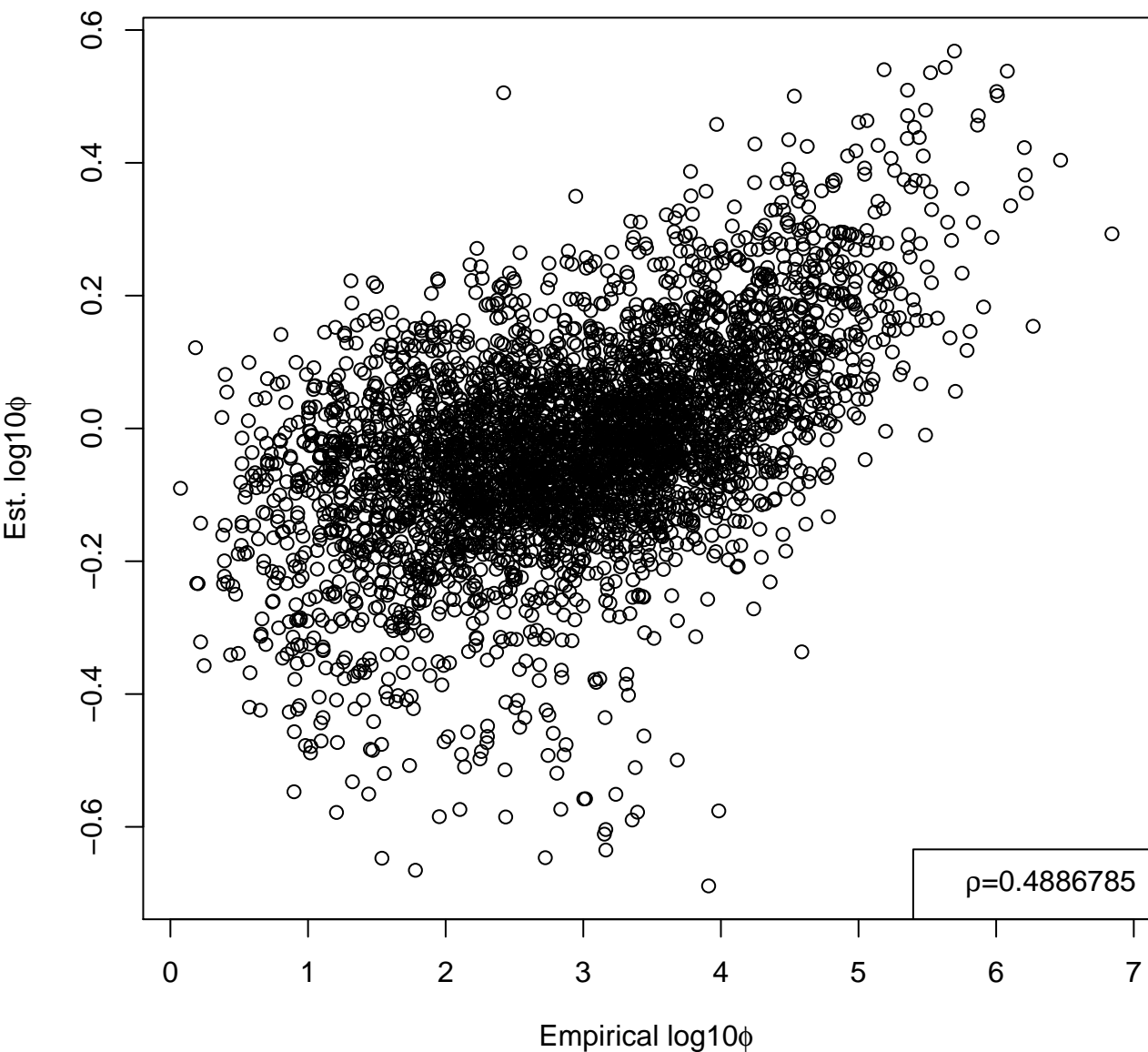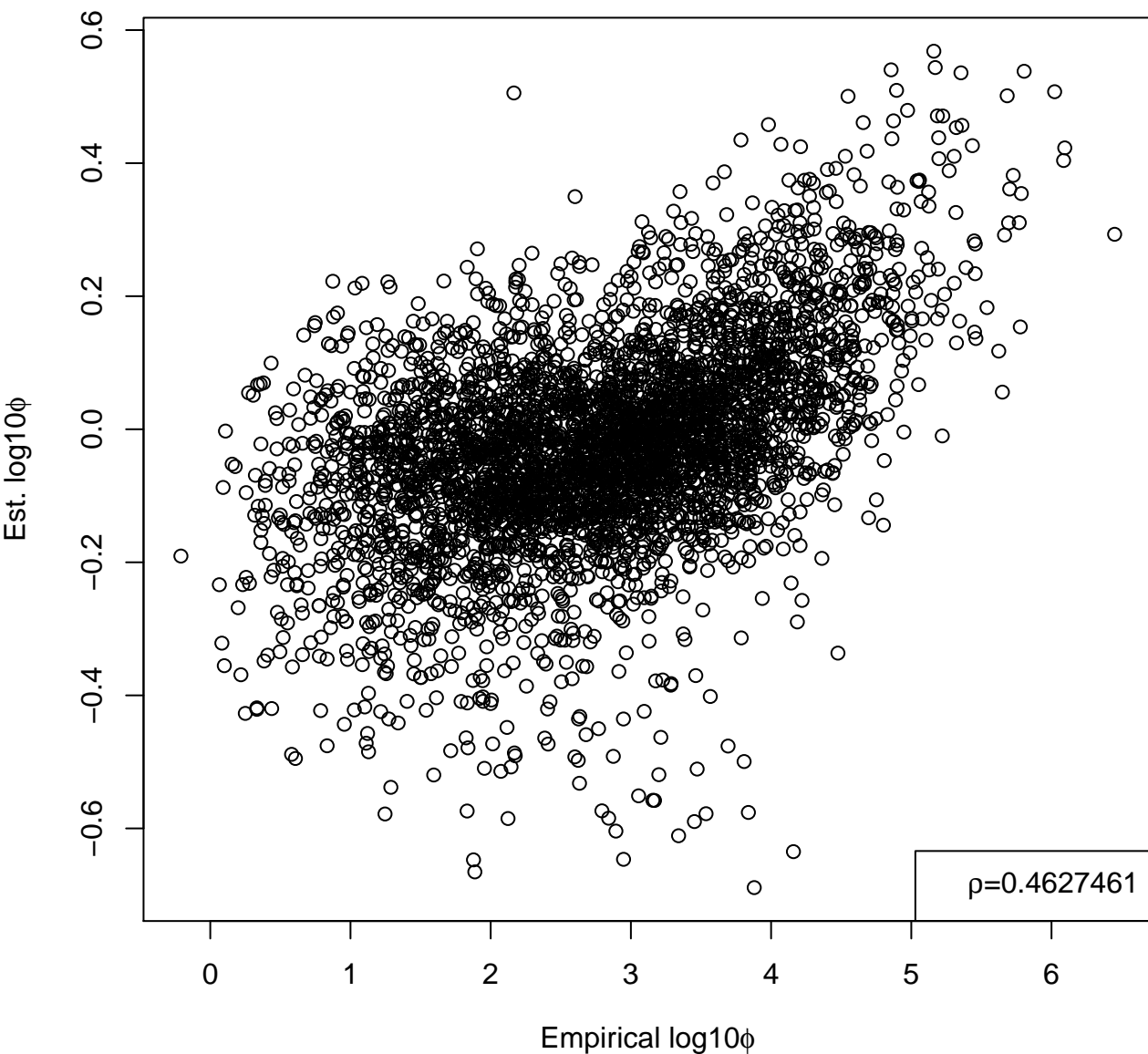**MURI_096, GSM2469664, 27, stationary, gluconate, 0.8, baseMg, 5, baseNa, 21, gluconate_growth**

Empirical log10φ

Est. log10φ

ρ=0.3013607

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_097, GSM2469665, 3, exponential, glucose, 0.8, baseMg, 5, baseNa, 7, glucose_time_course

ρ=0.4886785

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_098, GSM2469666, 4, exponential, glucose, 0.8, baseMg, 5, baseNa, 7, glucose_time_course

ρ=0.4627461

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_099, GSM2469667, 5, exponential, glucose, 0.8, baseMg, 5, baseNa, 7, glucose_time_course
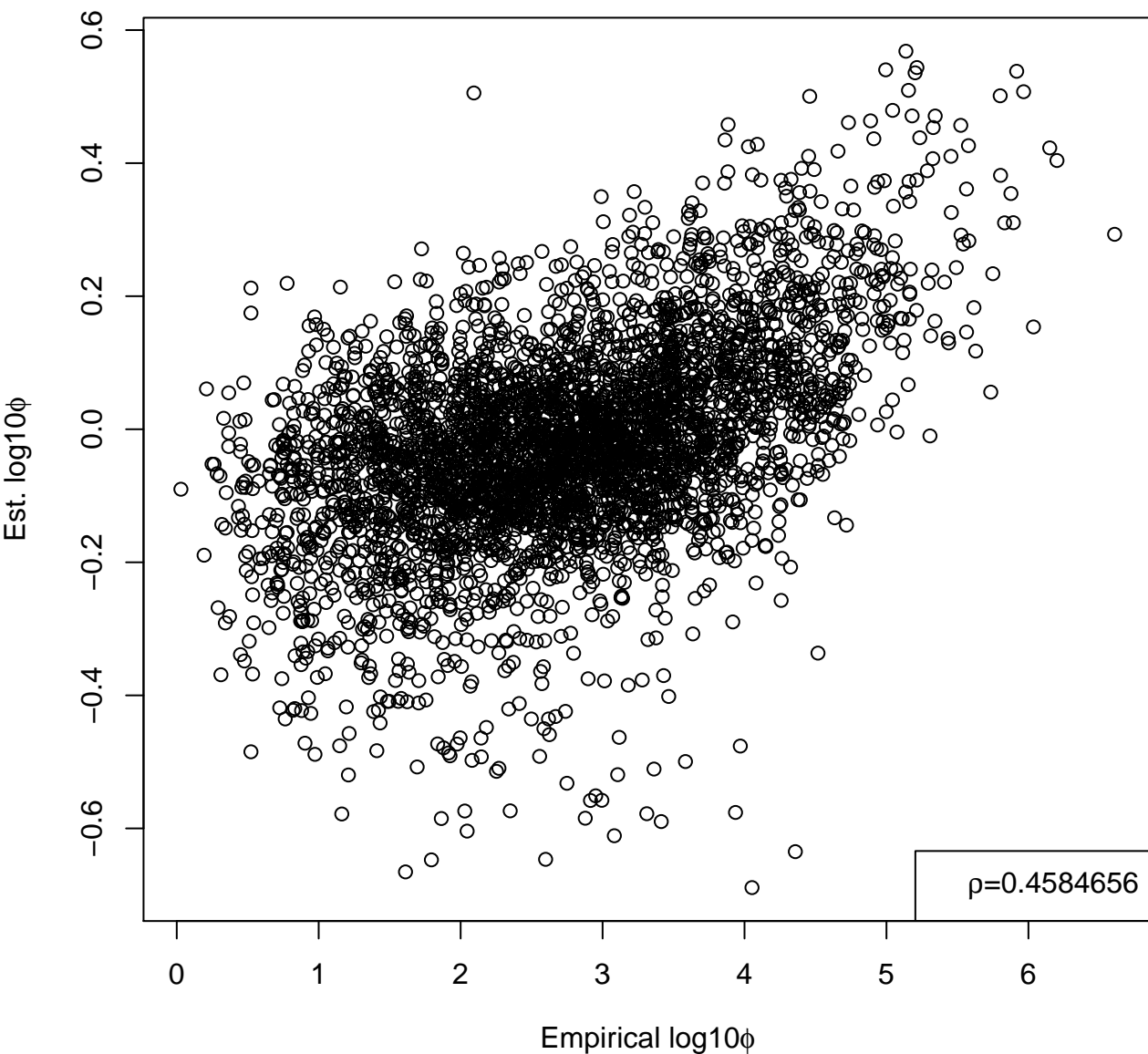
Est. log10ϕ

Empirical log10ϕ

ρ=0.4584656

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

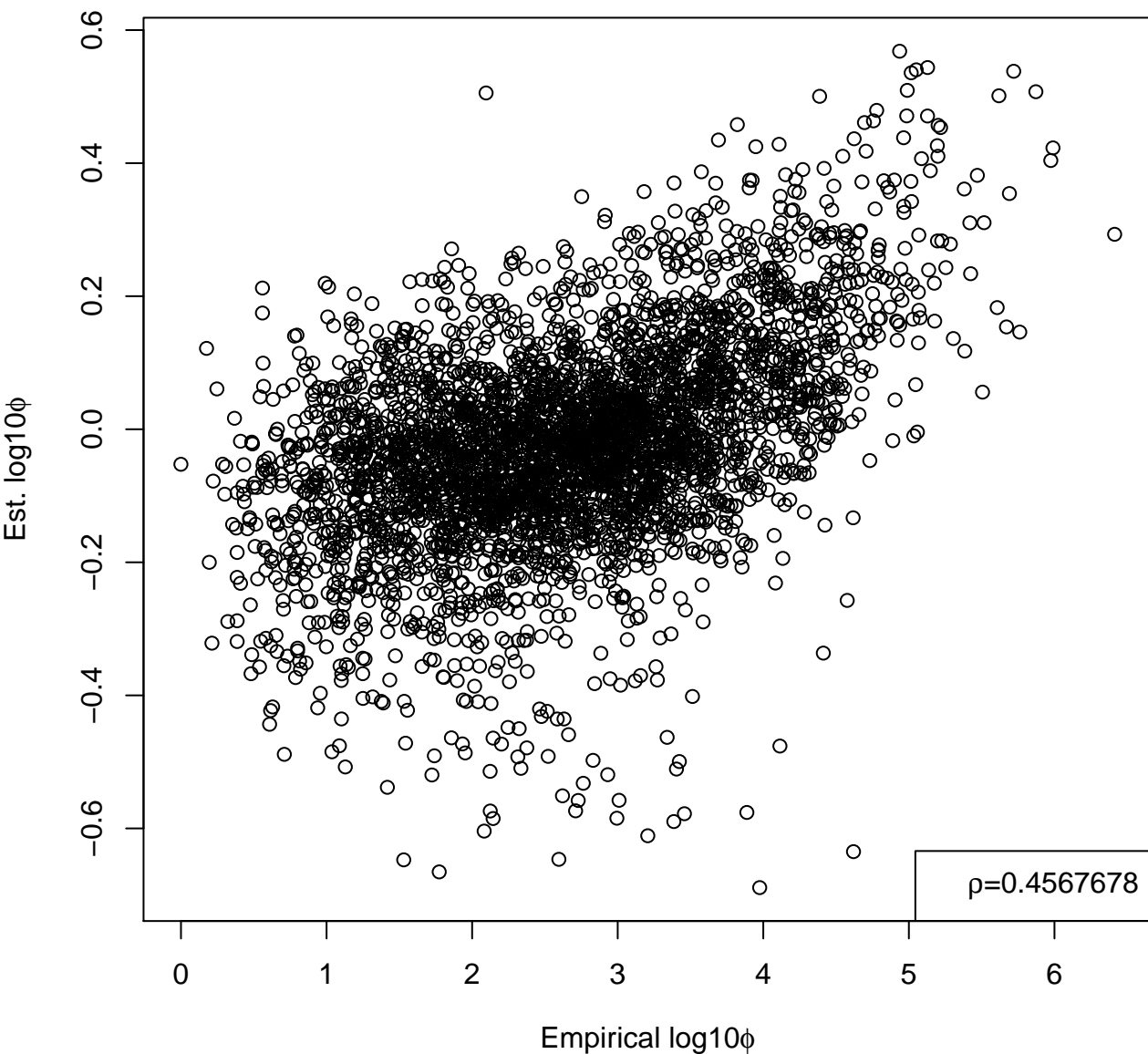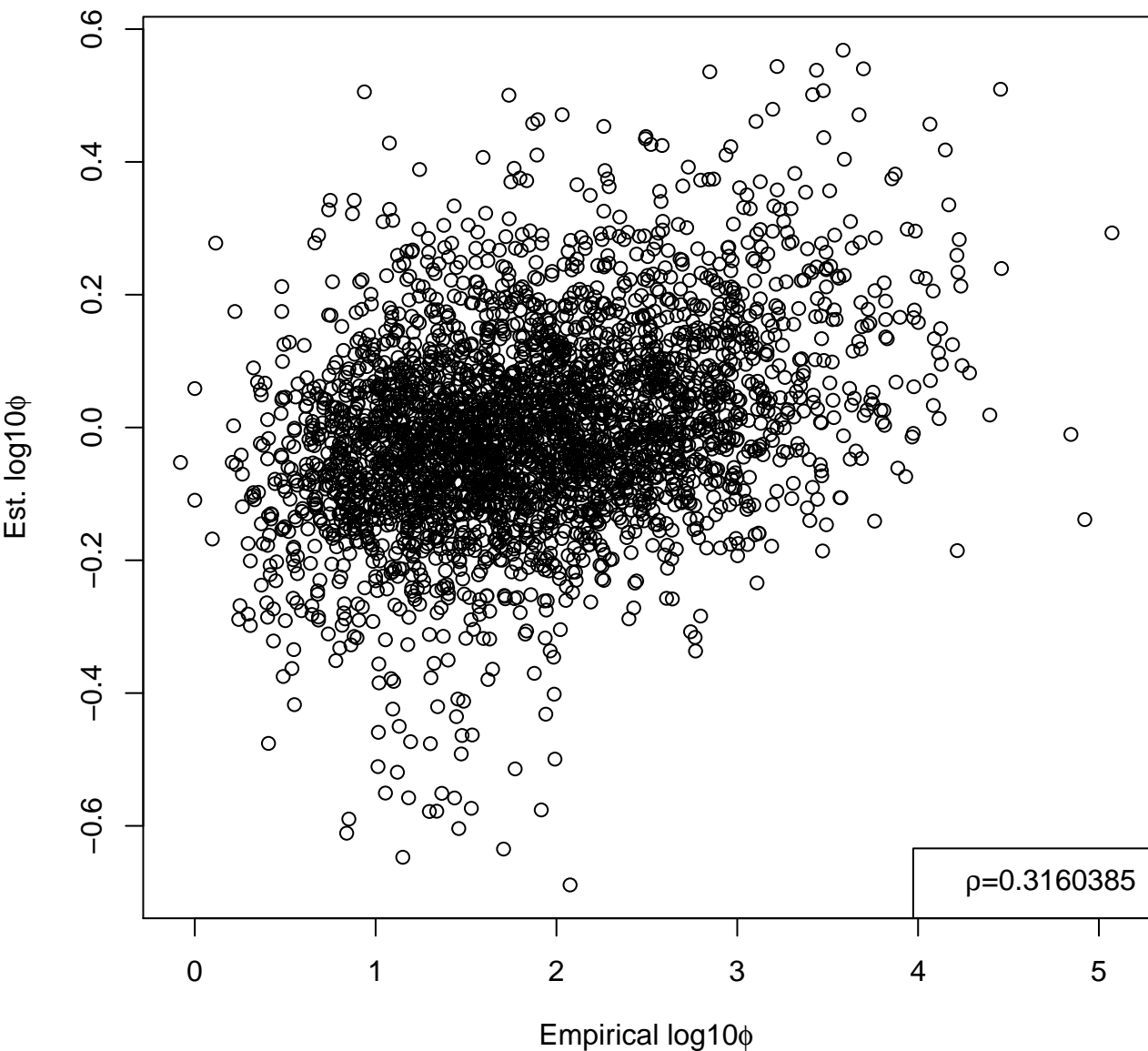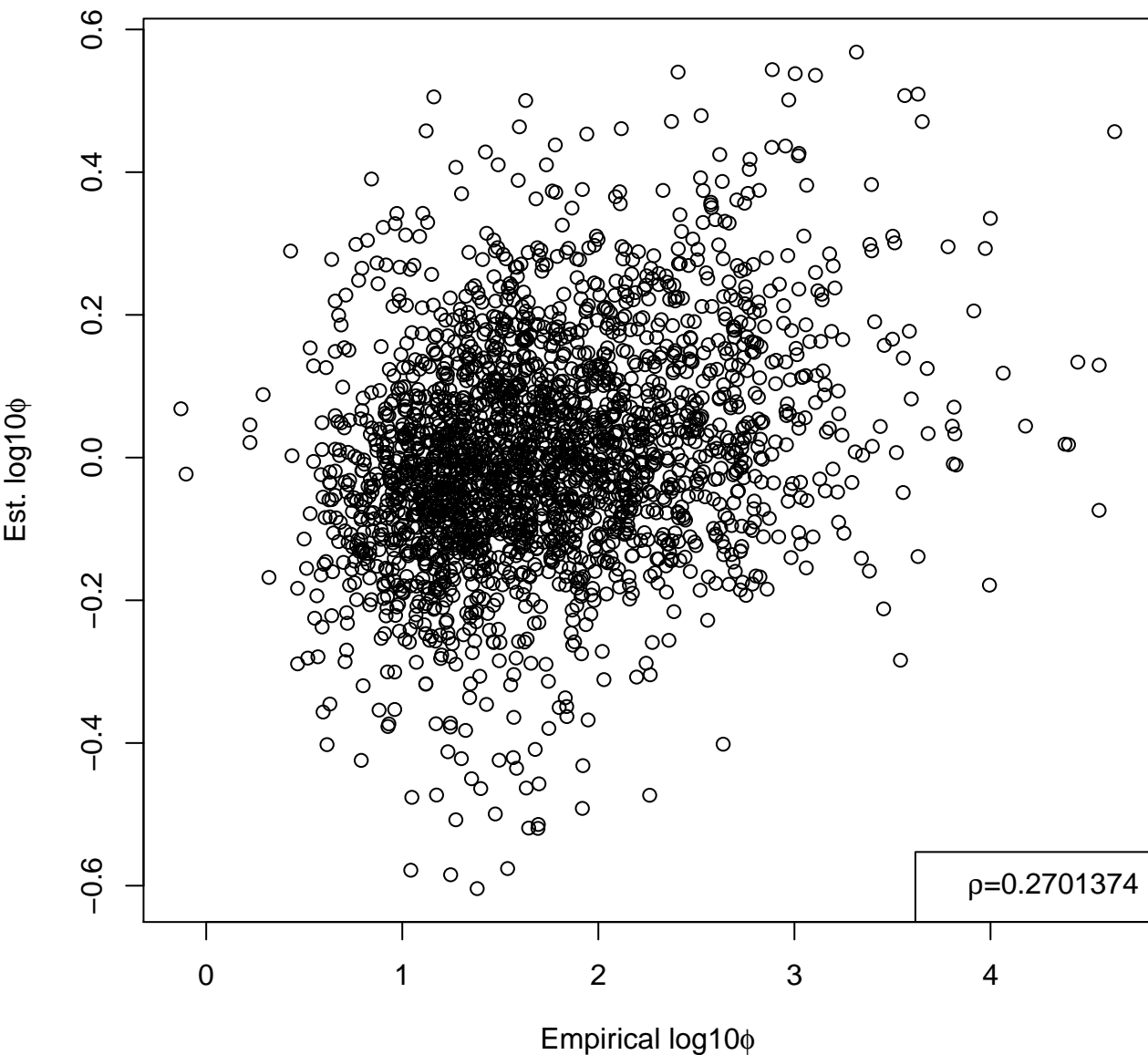**MURI_100, GSM2469668, 6, exponential, glucose, 0.8, baseMg, 5, baseNa, 7, glucose_time_course**

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

ρ=0.4567678

MURI_101, GSM2469669, 8, exponential, glucose, 0.8, baseMg, 5, baseNa, 7, glucose_time_course

Est. log10ϕ

Empirical log10ϕ

ρ=0.3160385

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_102, GSM2469670, 24, stationary, glucose, 0.8, baseMg, 5, baseNa, 7, glucose_time_course
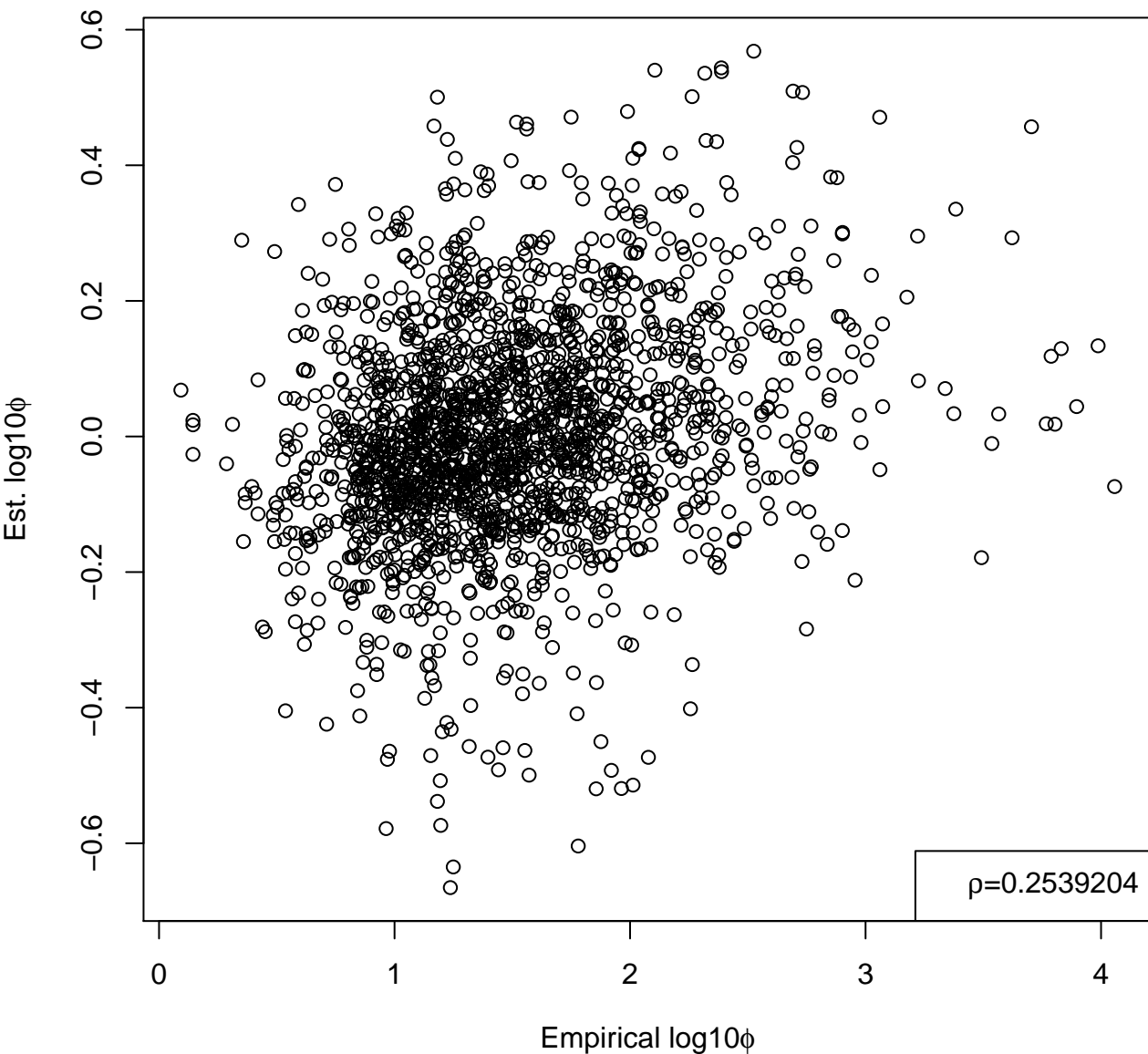

ρ=0.2701374

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

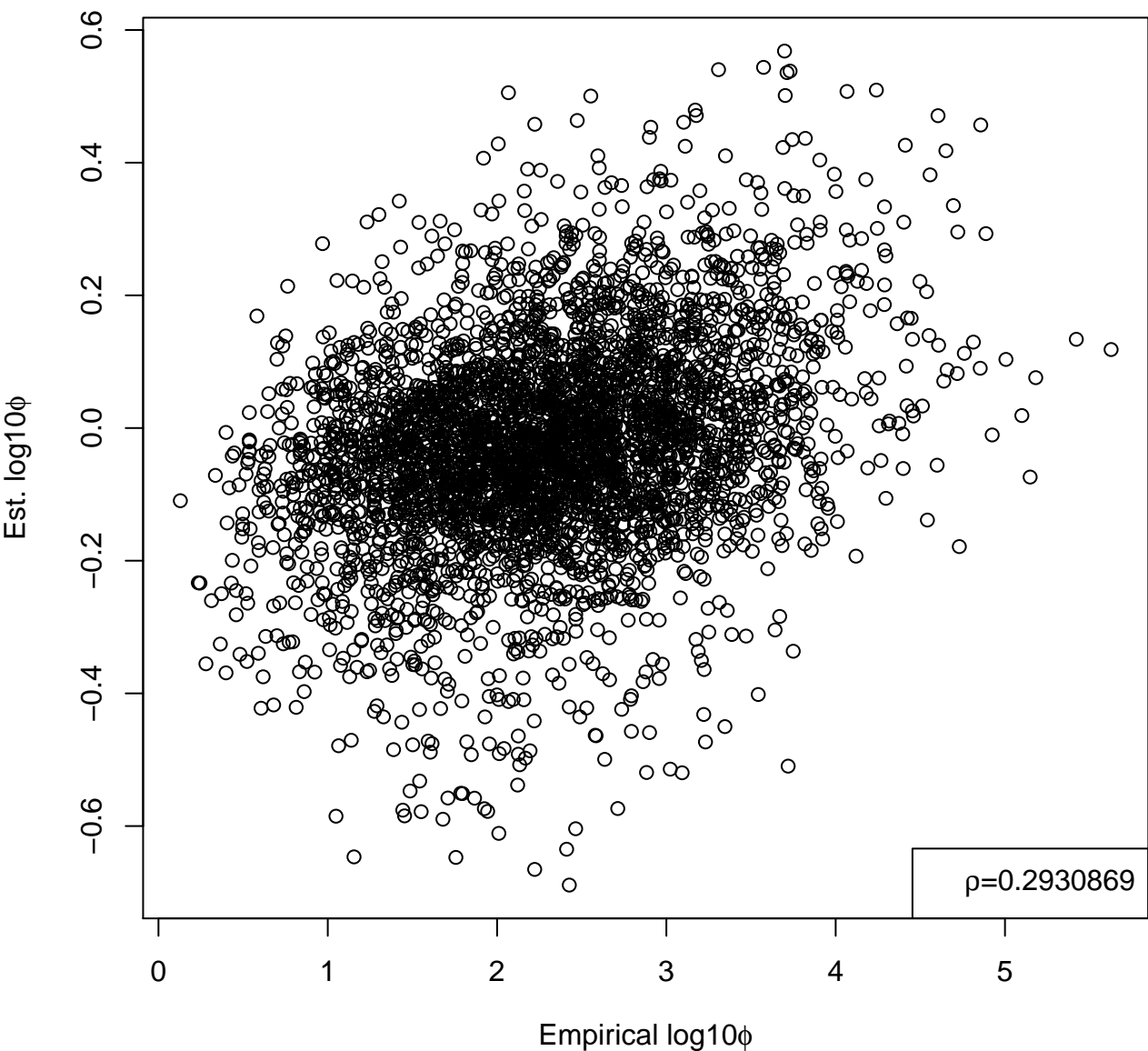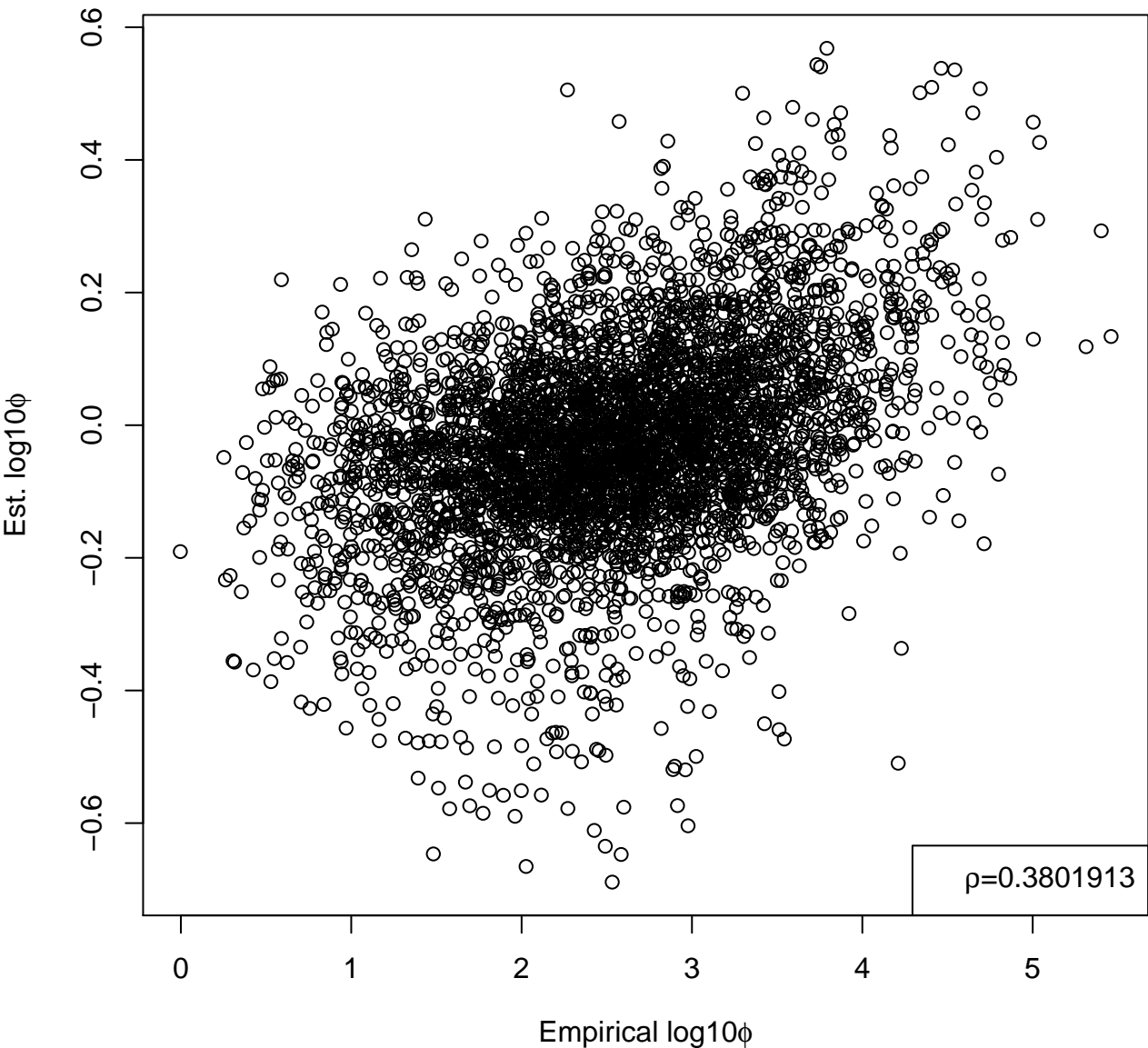**MURI_103, GSM2469671, 48, stationary, glucose, 0.8, baseMg, 5, baseNa, 7, glucose_time_course**

ρ=0.2539204

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_104, GSM2469672, 168, late_stationary, glucose, 0.8, baseMg, 5, baseNa, 7, glucose_time_cours

ρ=0.2930869

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

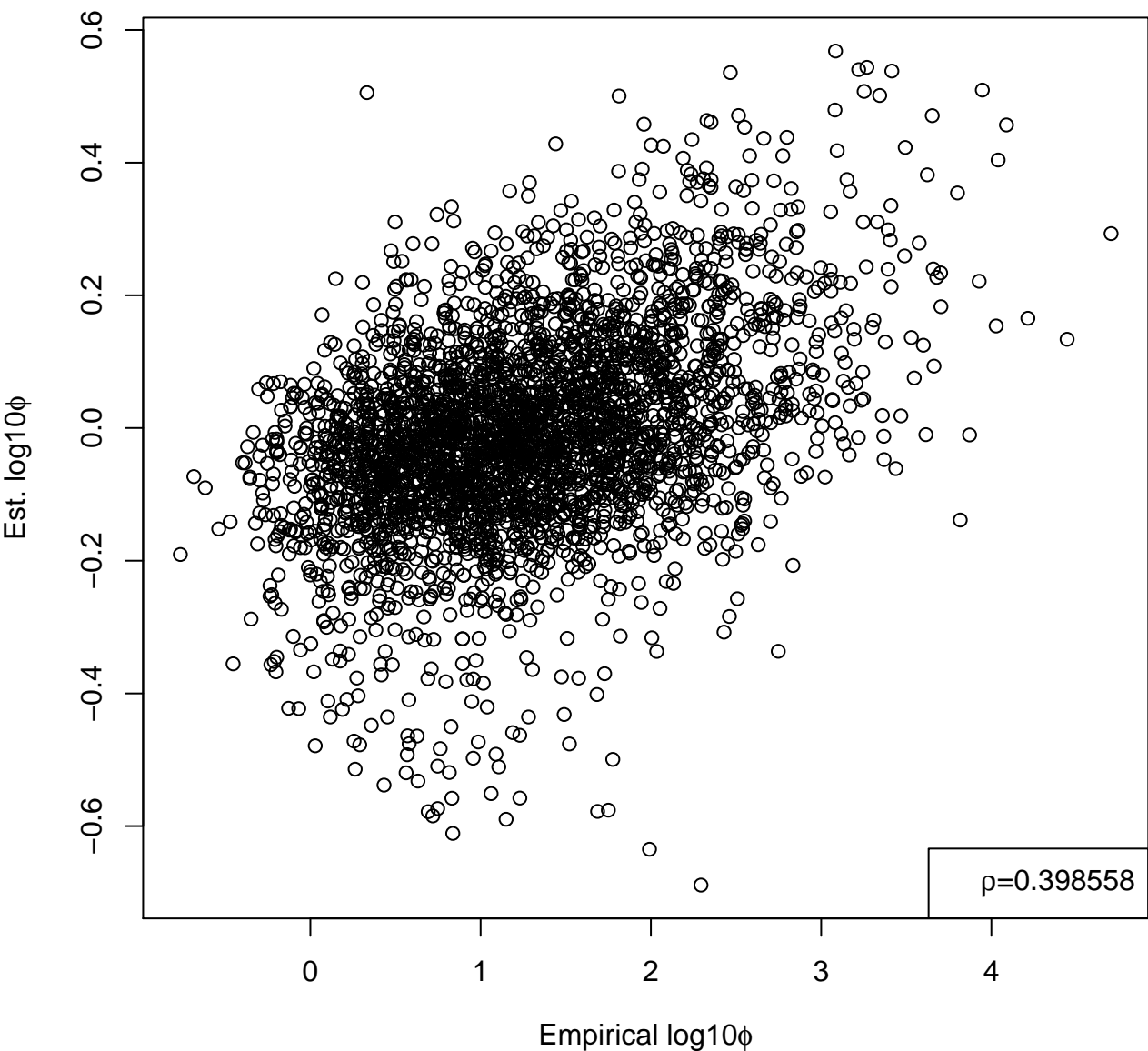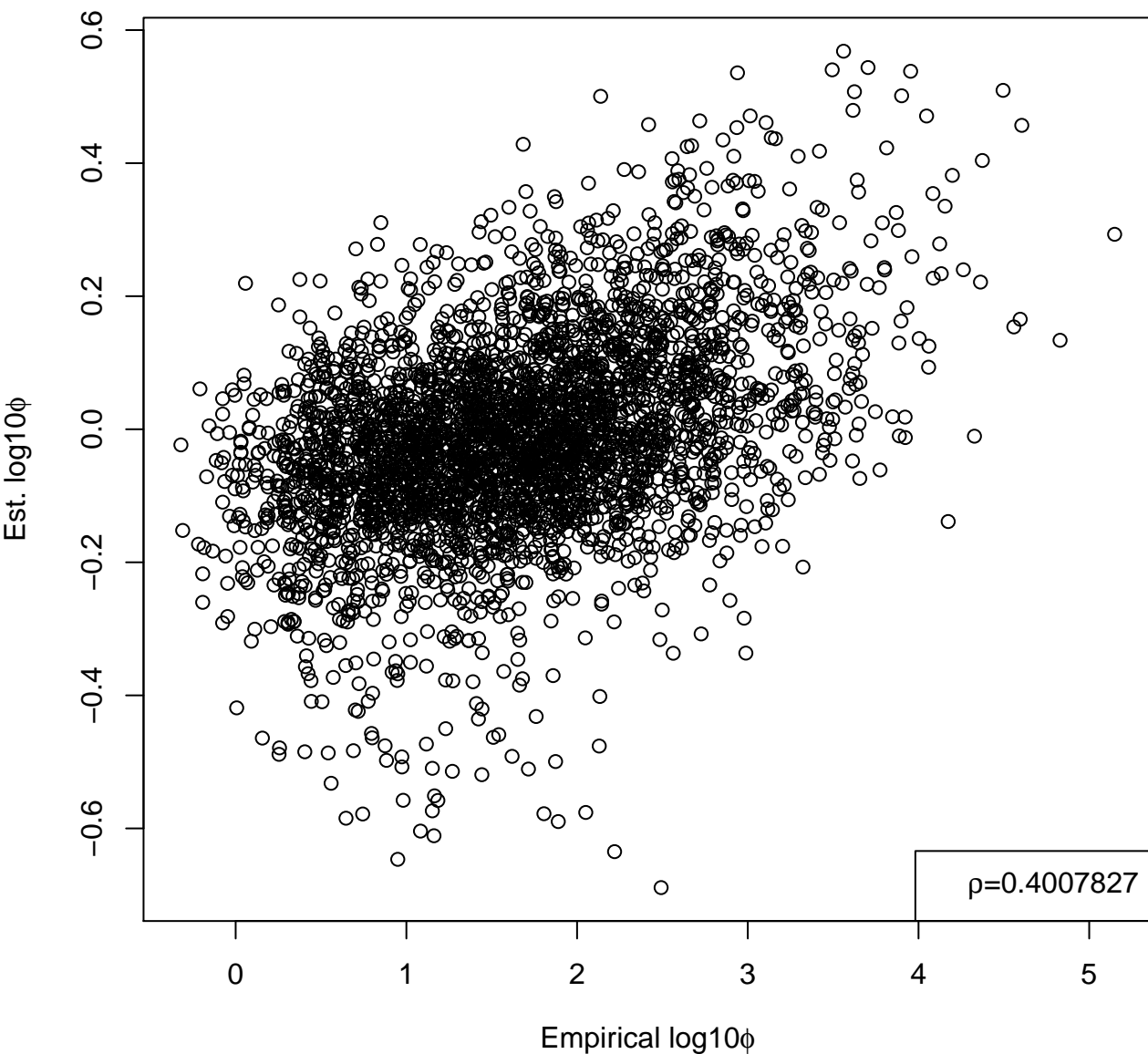**MURI_105, GSM2469673, 336, late_stationary, glucose, 0.8, baseMg, 5, baseNa, 7, glucose_time_cours**

ρ=0.3801913

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_106, GSM2469674, 5.5, exponential, glucose, 0.08, lowMg, 5, baseNa, 22, MgSO4_stress_high

Est. log10φ (y-axis)

Empirical log10φ (x-axis)

ρ=0.398558

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_107, GSM2469675, 5.5, exponential, glucose, 0.8, baseMg, 5, baseNa, 22, MgSO4_stress_high

Est. log10φ
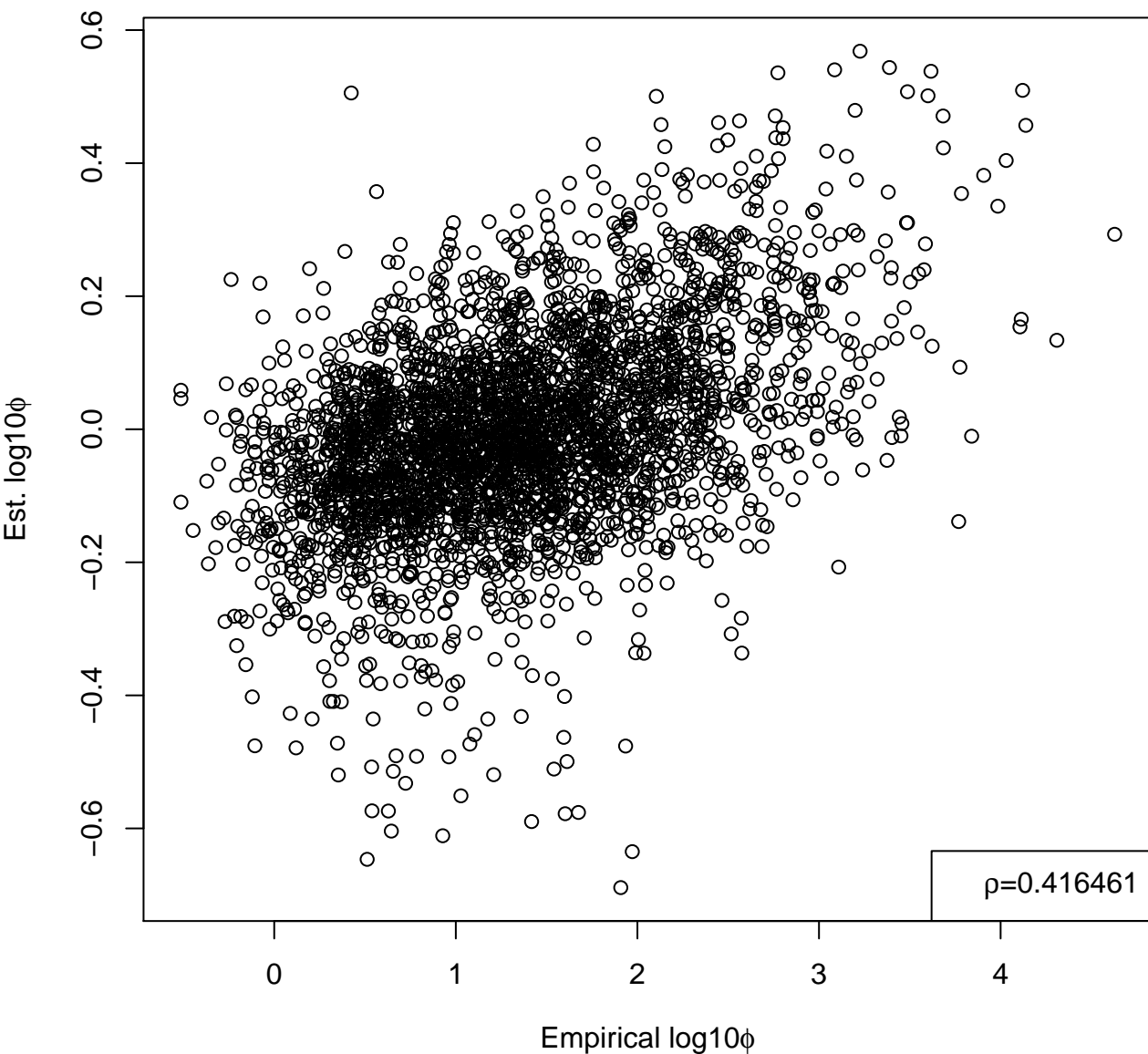
Empirical log10φ

ρ=0.4007827

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_108, GSM2469676, 5.5, exponential, glucose, 8, highMg, 5, baseNa, 22, MgSO4_stress_high
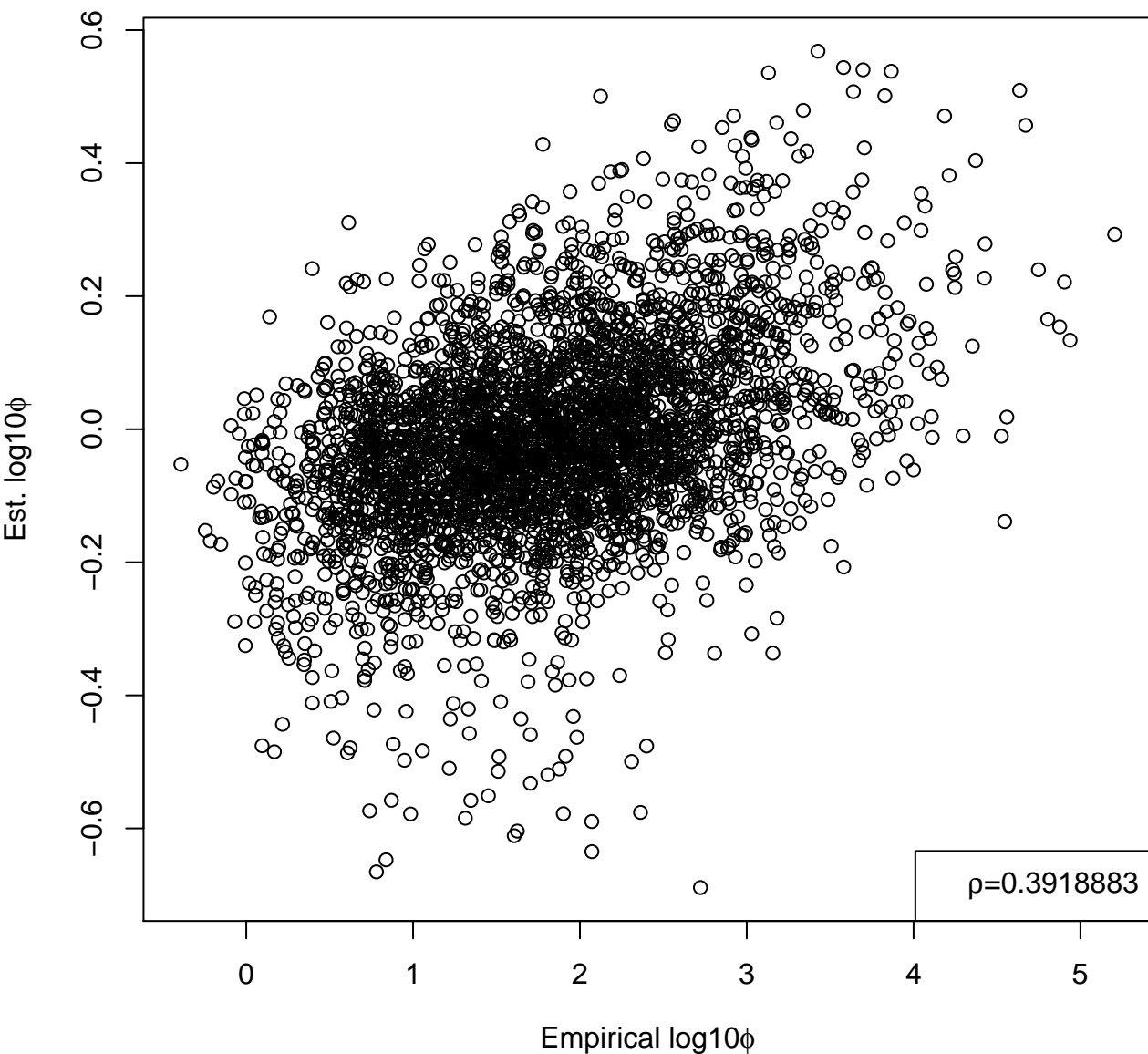
Est. log10φ

Empirical log10φ

ρ=0.416461

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_109, GSM2469677, 5, exponential, glucose, 50, highMg, 5, baseNa, 22, MgSO4_stress_high

Est. log10φ

Empirical log10φ

ρ=0.3918883

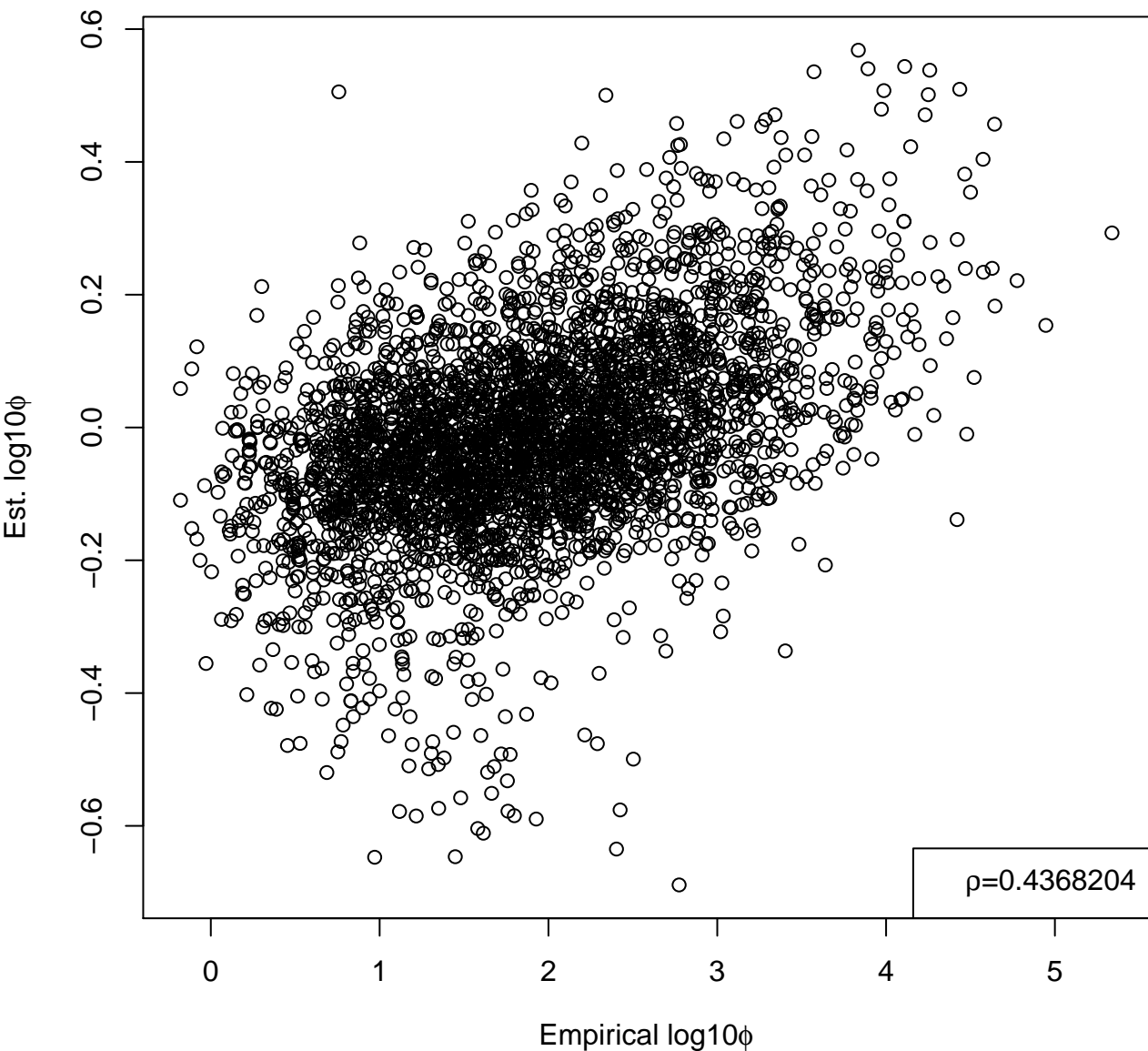Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_110, GSM2469678, 5, exponential, glucose, 200, highMg, 5, baseNa, 22, MgSO4_stress_high

ρ=0.4368204
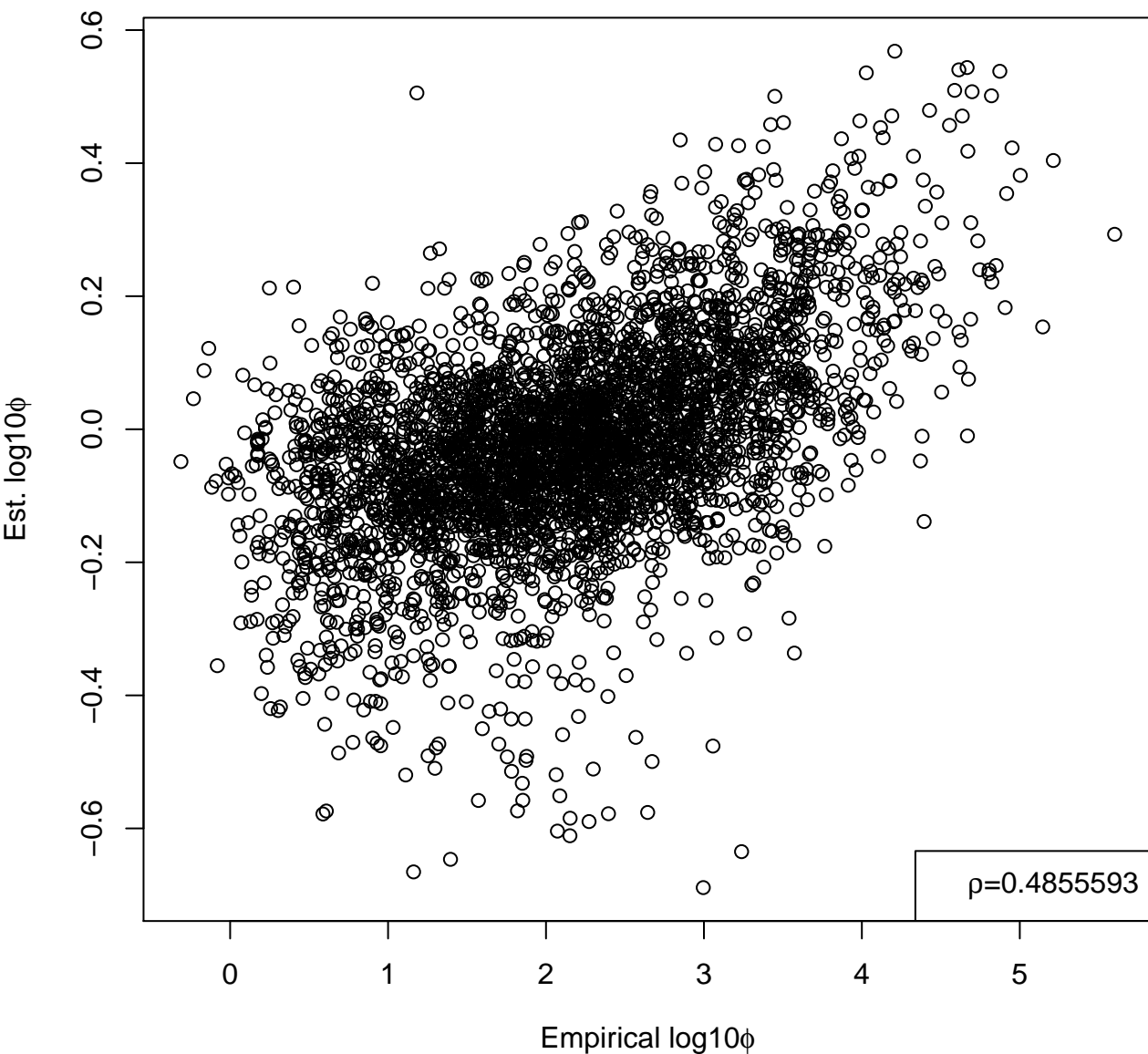
Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_111, GSM2469679, 7, exponential, glucose, 400, highMg, 5, baseNa, 22, MgSO4_stress_high
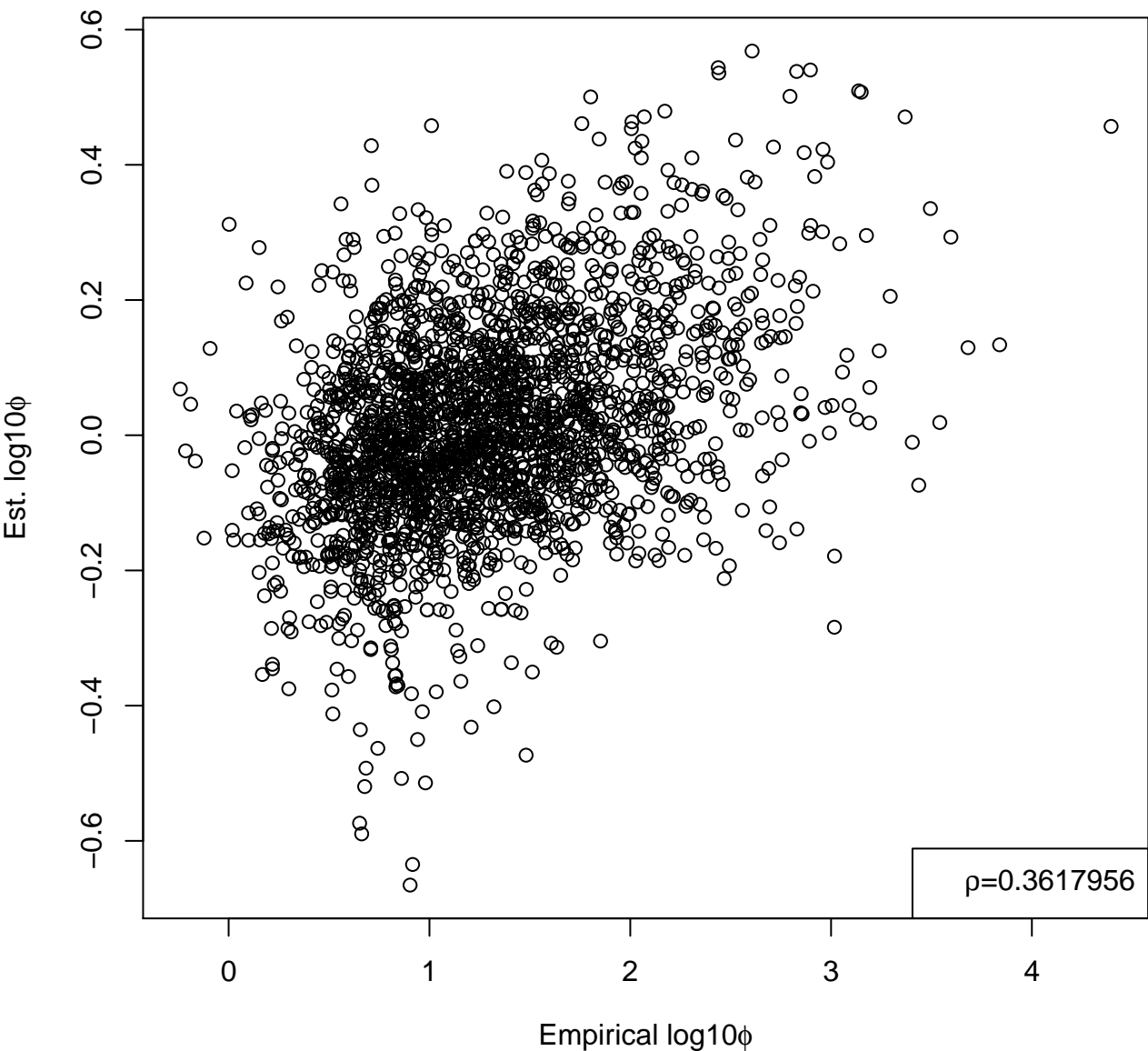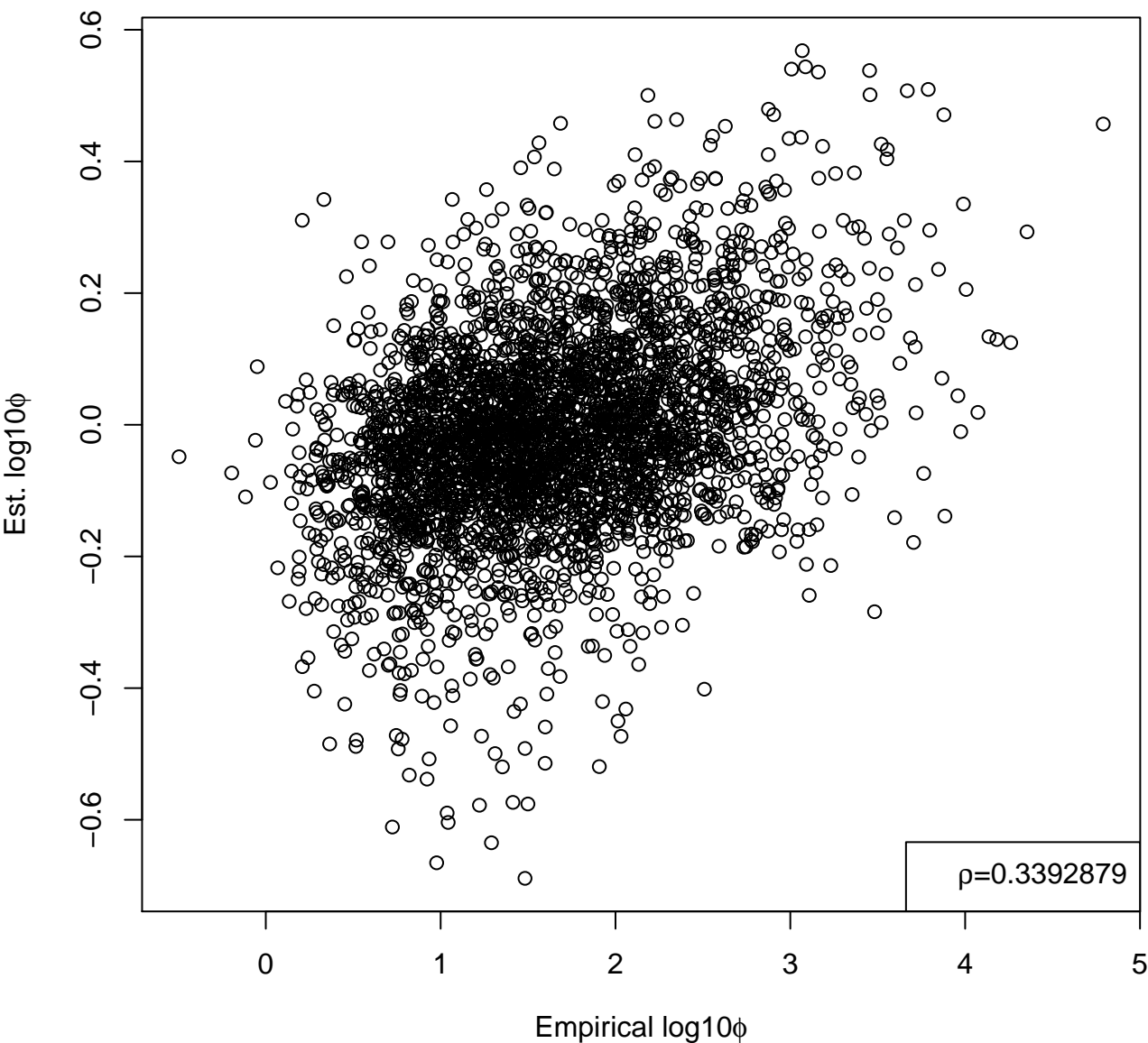

ρ=0.4855593

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

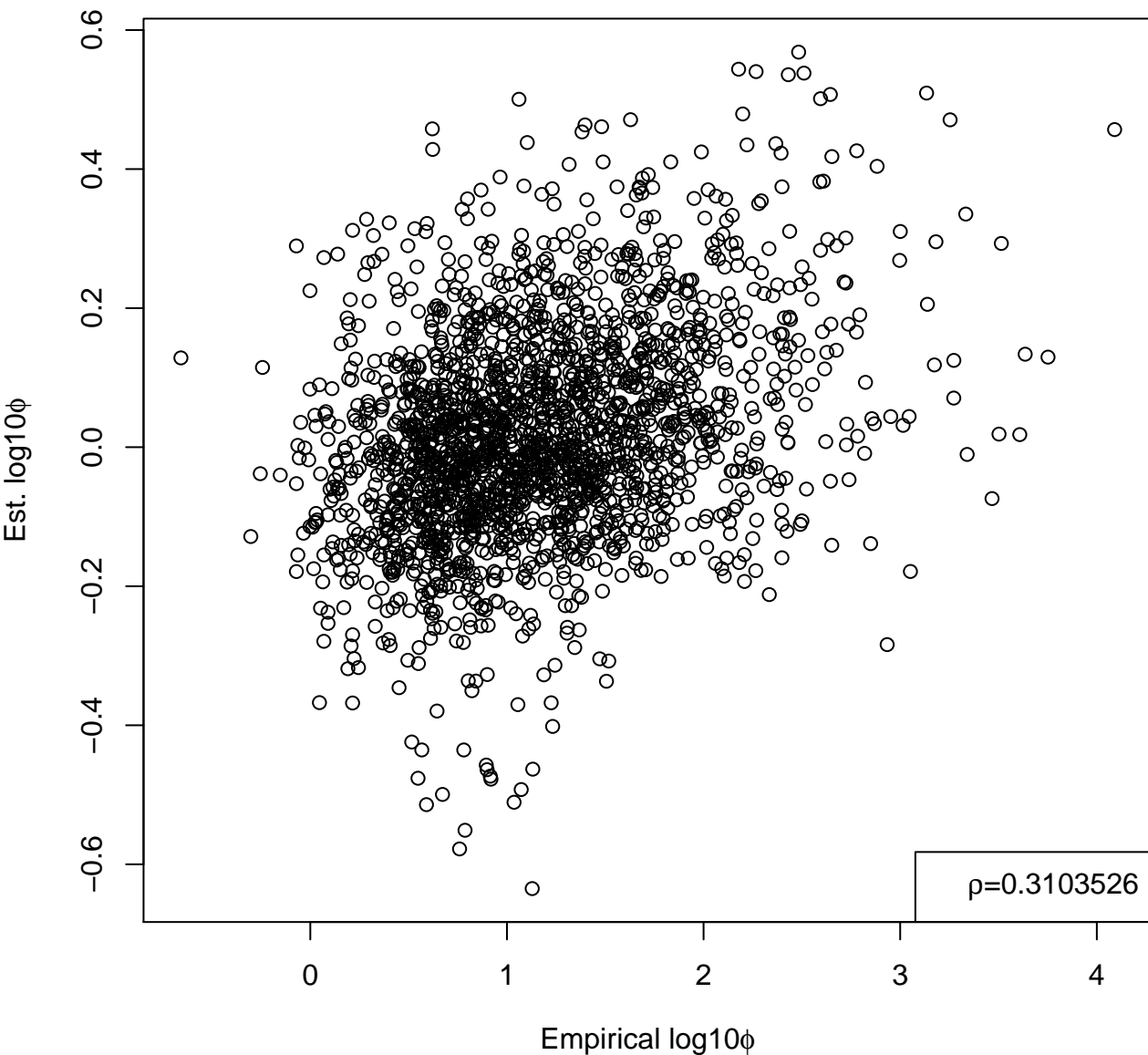**MURI_112, GSM2469680, 28, stationary, glucose, 0.08, lowMg, 5, baseNa, 22, MgSO4_stress_high**

Est. log10φ

ρ=0.3617956

Empirical log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_113, GSM2469681, 28, stationary, glucose, 0.8, baseMg, 5, baseNa, 22, MgSO4_stress_high

Est. log10φ

Empirical log10φ

ρ=0.3392879

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_114, GSM2469682, 28, stationary, glucose, 8, highMg, 5, baseNa, 22, MgSO4_stress_high

Est. log10φ

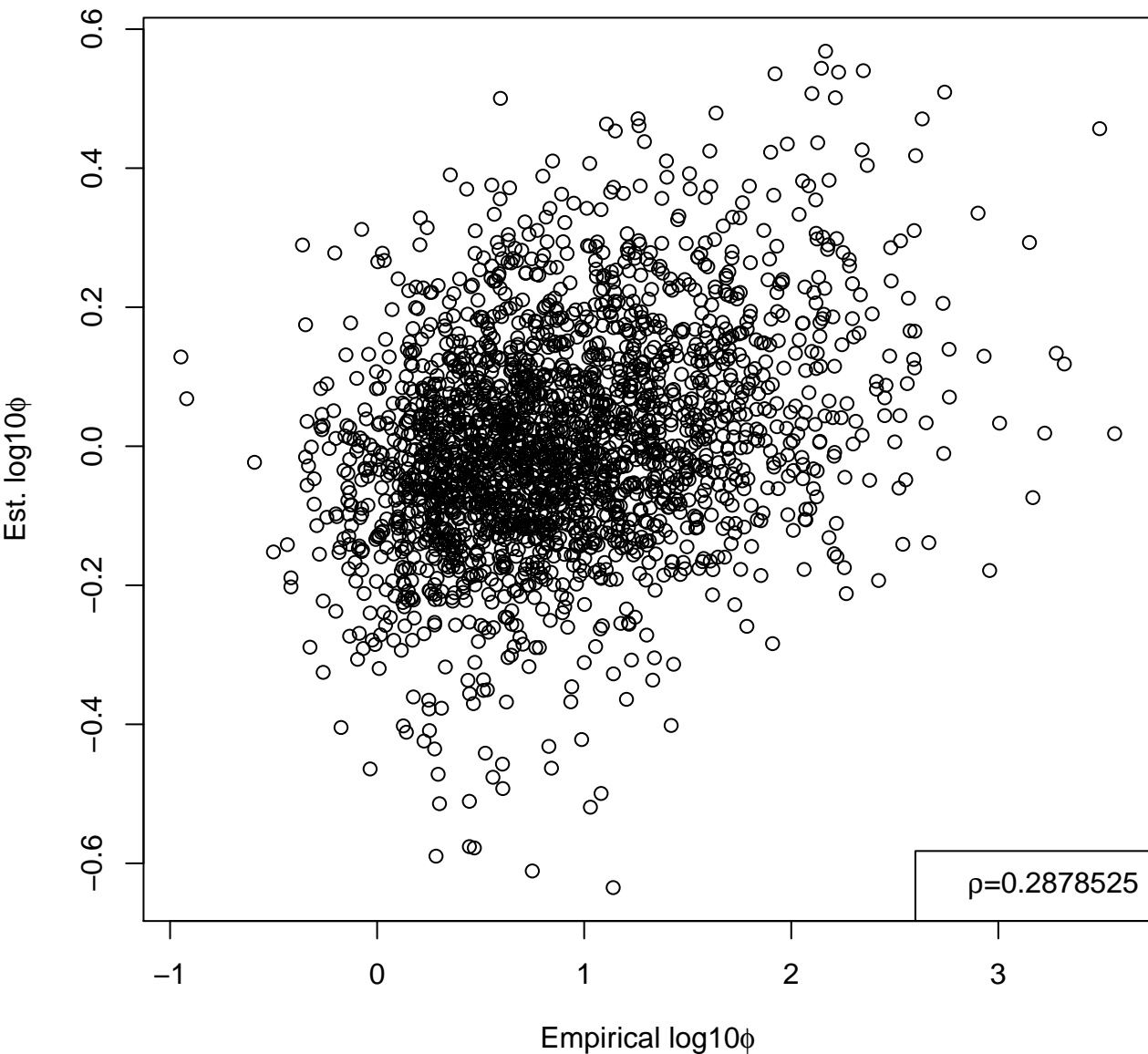Empirical log10φ

ρ=0.3103526

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_115, GSM2469683, 28, stationary, glucose, 50, highMg, 5, baseNa, 22, MgSO4_stress_high

Est. log10φ

ρ=0.2878525

Empirical log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_116, GSM2469684, 28, stationary, glucose, 200, highMg, 5, baseNa, 22, MgSO4_stress_high
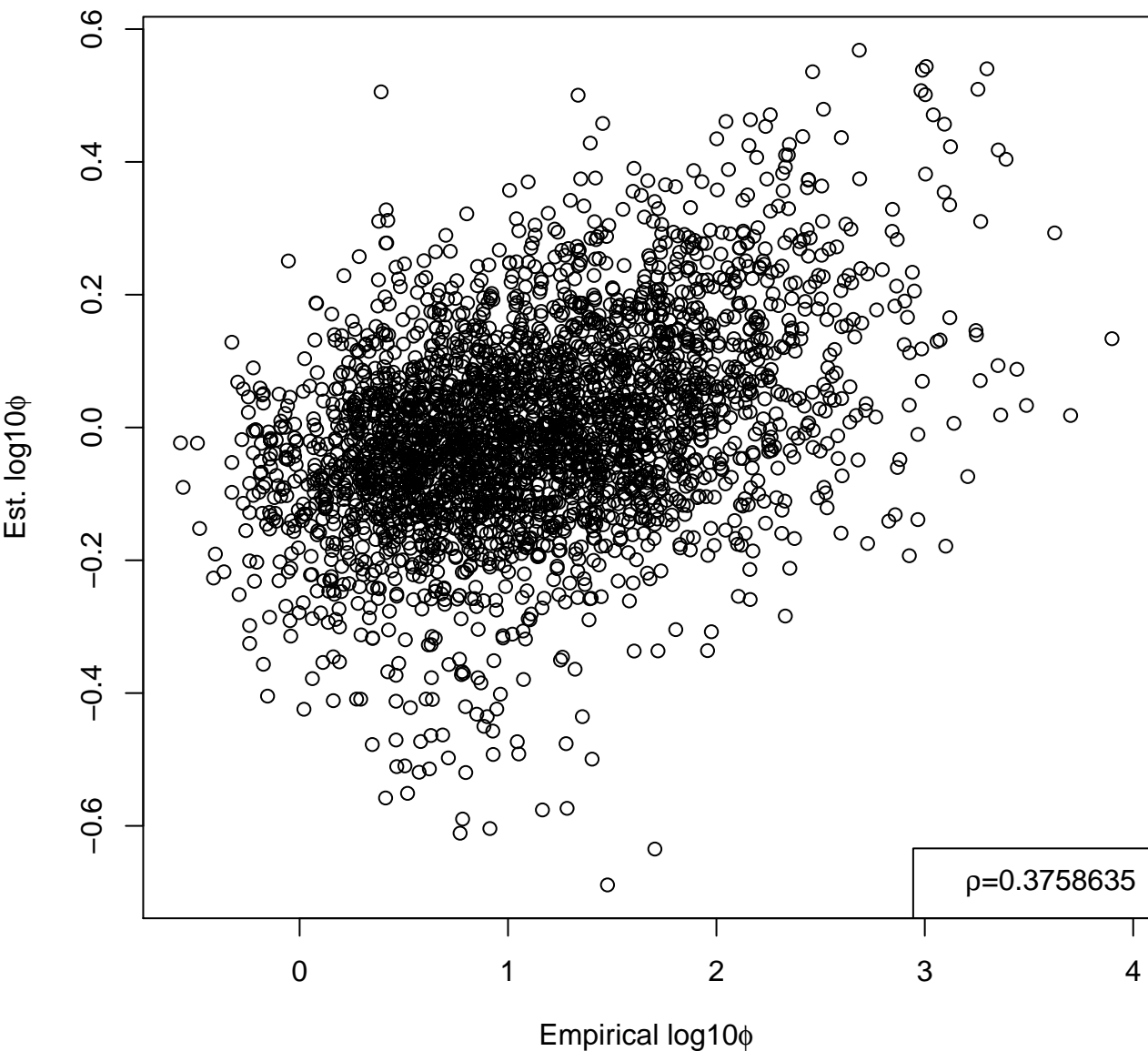
Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

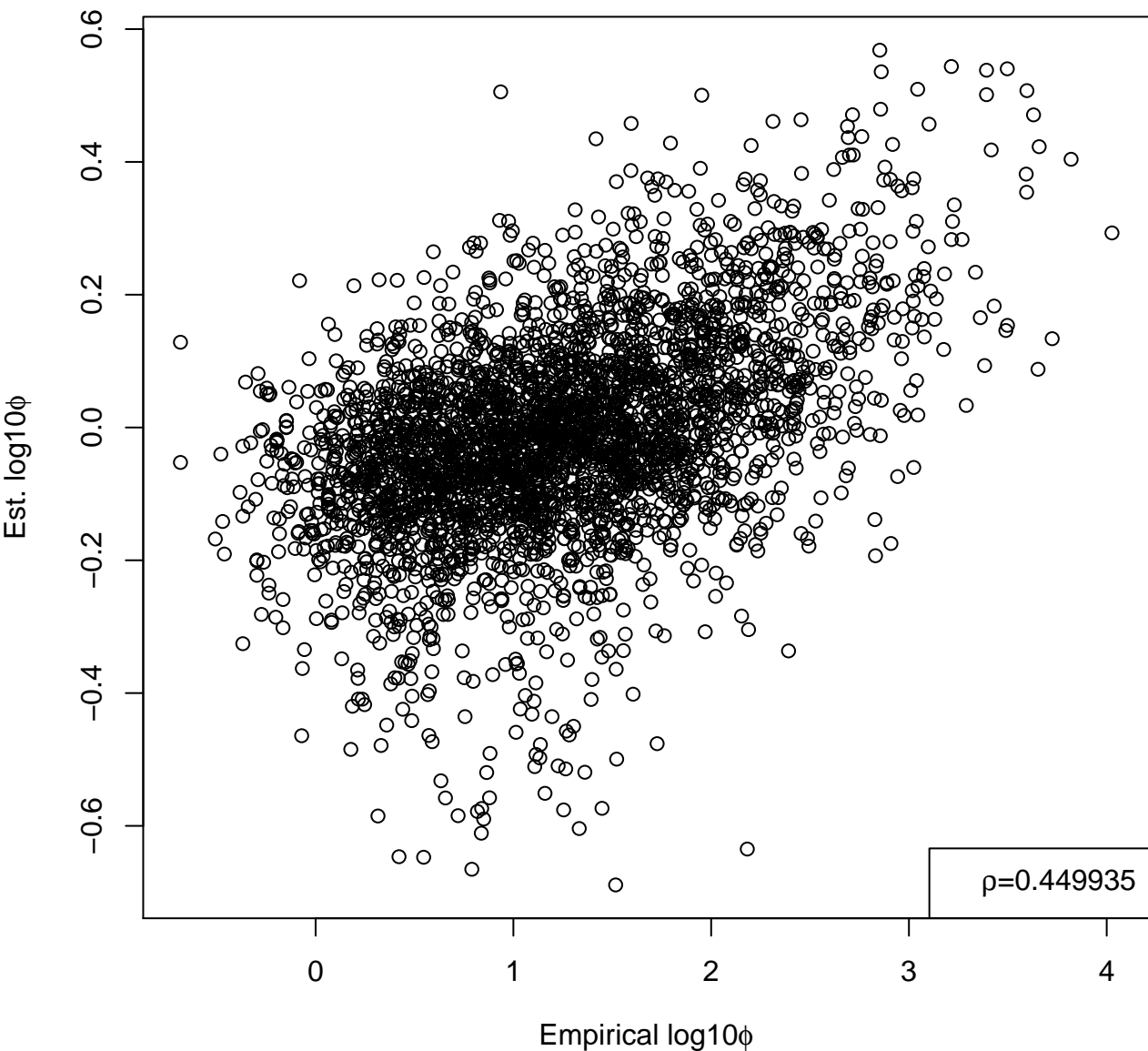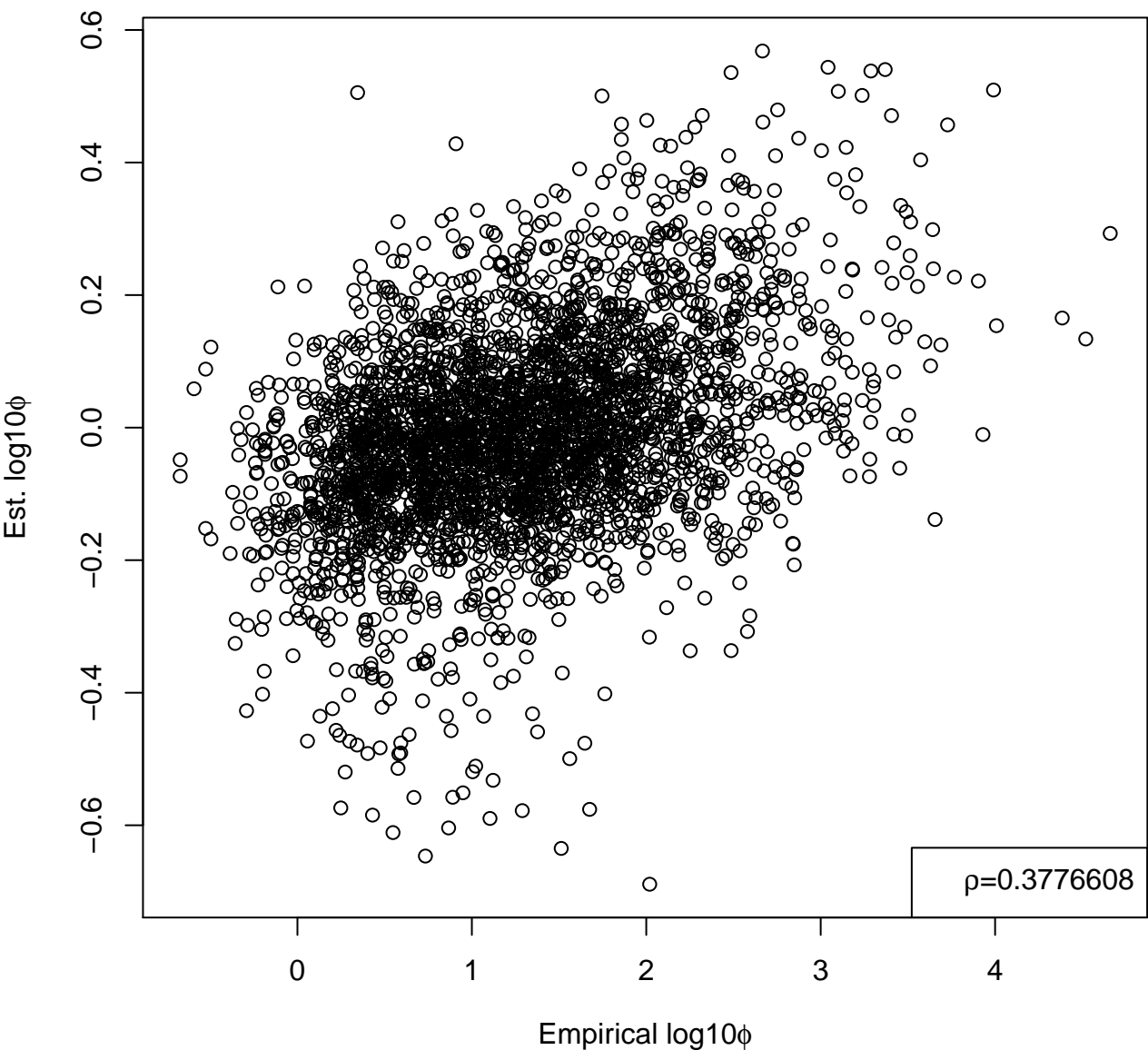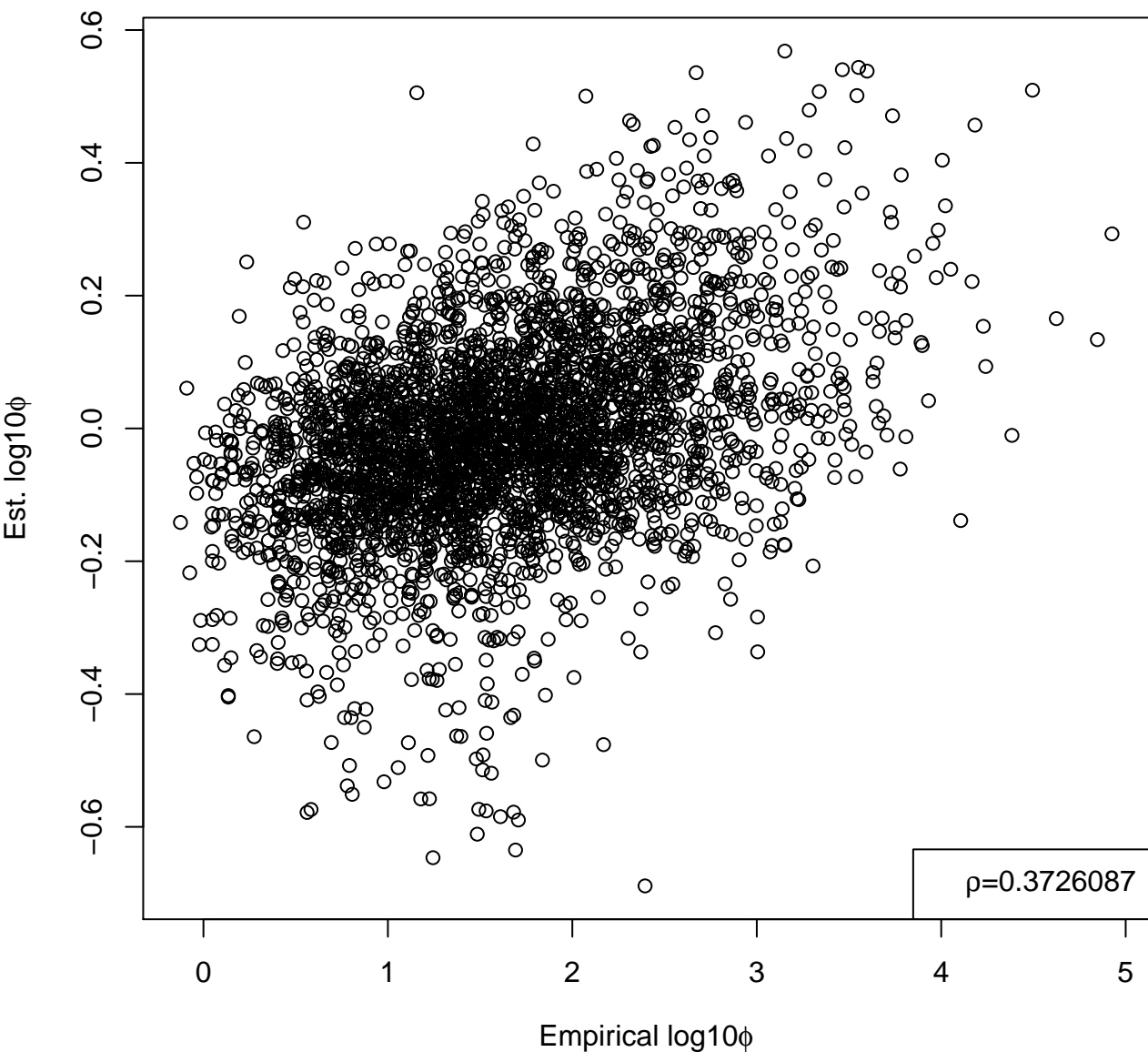**MURI_117, GSM2469685, 28, stationary, glucose, 400, highMg, 5, baseNa, 22, MgSO4_stress_high**

Est. log10φ

Empirical log10φ

ρ=0.449935

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

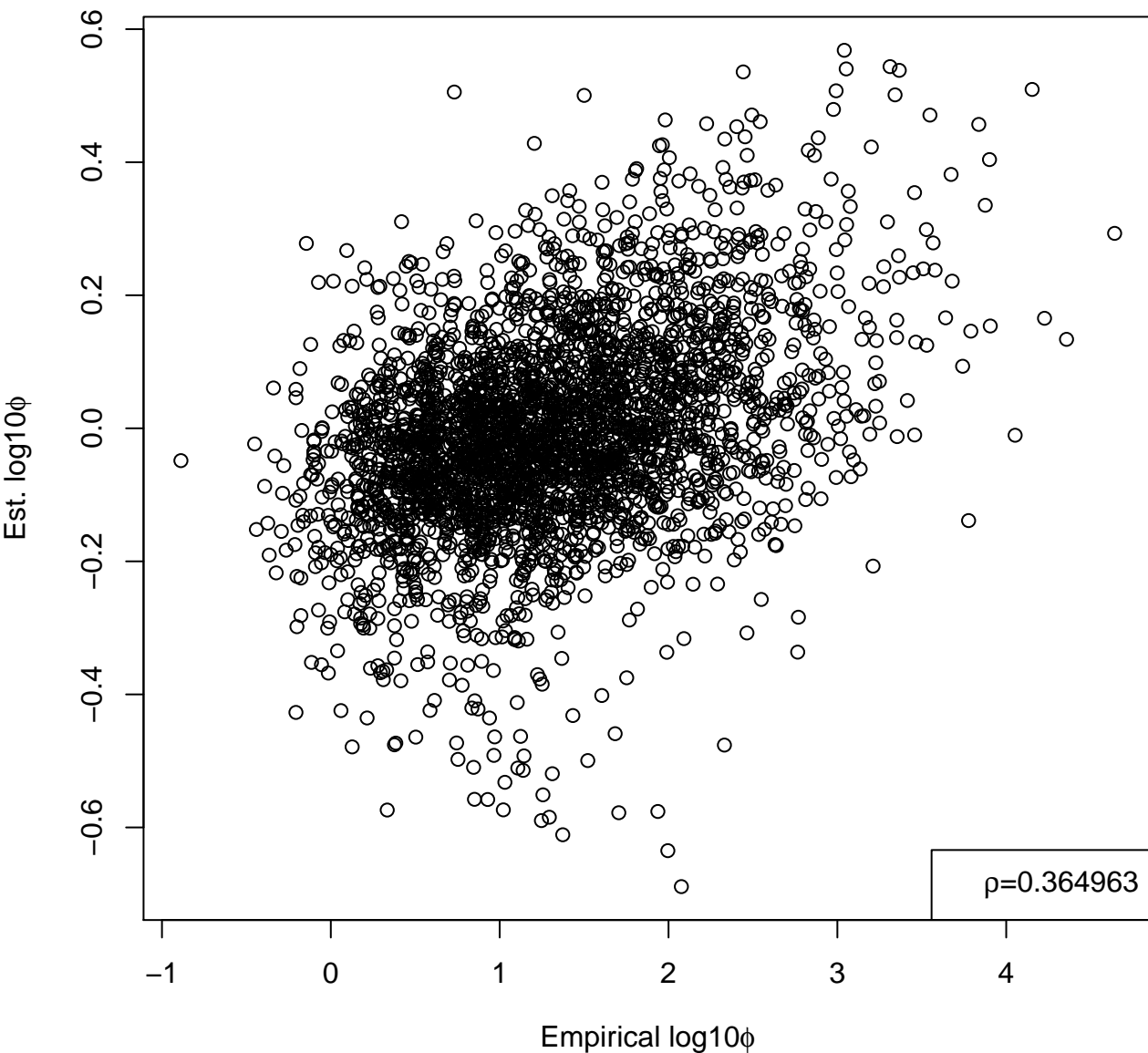**MURI_118, GSM2469686, 5.5, exponential, glucose, 0.08, lowMg, 5, baseNa, 23, MgSO4_stress_high**

Est. log10φ (y-axis)

Empirical log10φ (x-axis)

ρ=0.3776608

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

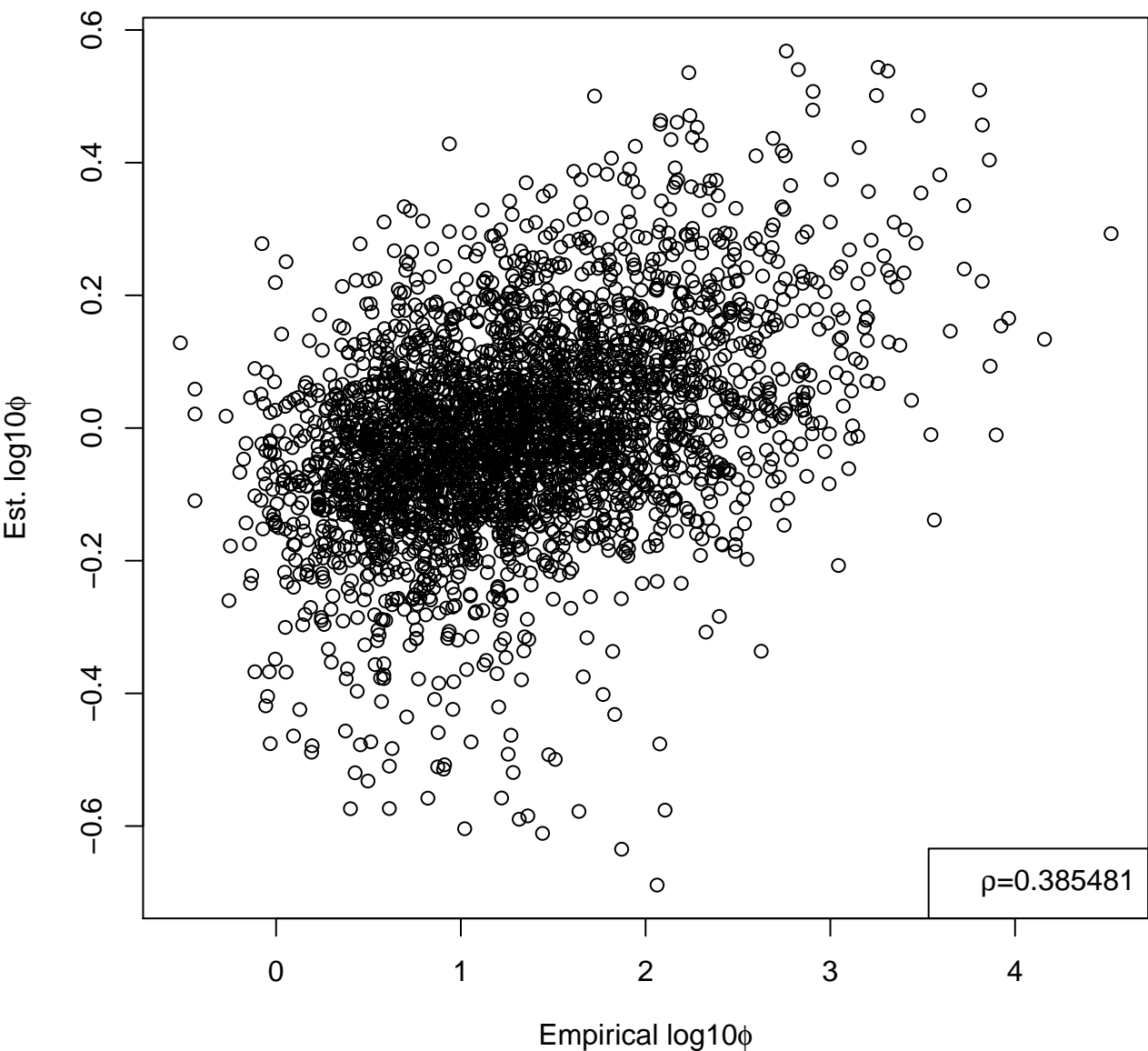**MURI_119, GSM2469687, 5.5, exponential, glucose, 0.8, baseMg, 5, baseNa, 23, MgSO4_stress_high**

Est. log10φ (y-axis) vs Empirical log10φ (x-axis)

ρ=0.3726087

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_120, GSM2469688, 5.5, exponential, glucose, 8, highMg, 5, baseNa, 23, MgSO4_stress_high

ρ=0.364963

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_121, GSM2469689, 5, exponential, glucose, 50, highMg, 5, baseNa, 23, MgSO4_stress_high

Est. log10φ

ρ=0.385481

Empirical log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_122, GSM2469690, 5, exponential, glucose, 200, highMg, 5, baseNa, 23, MgSO4_stress_high
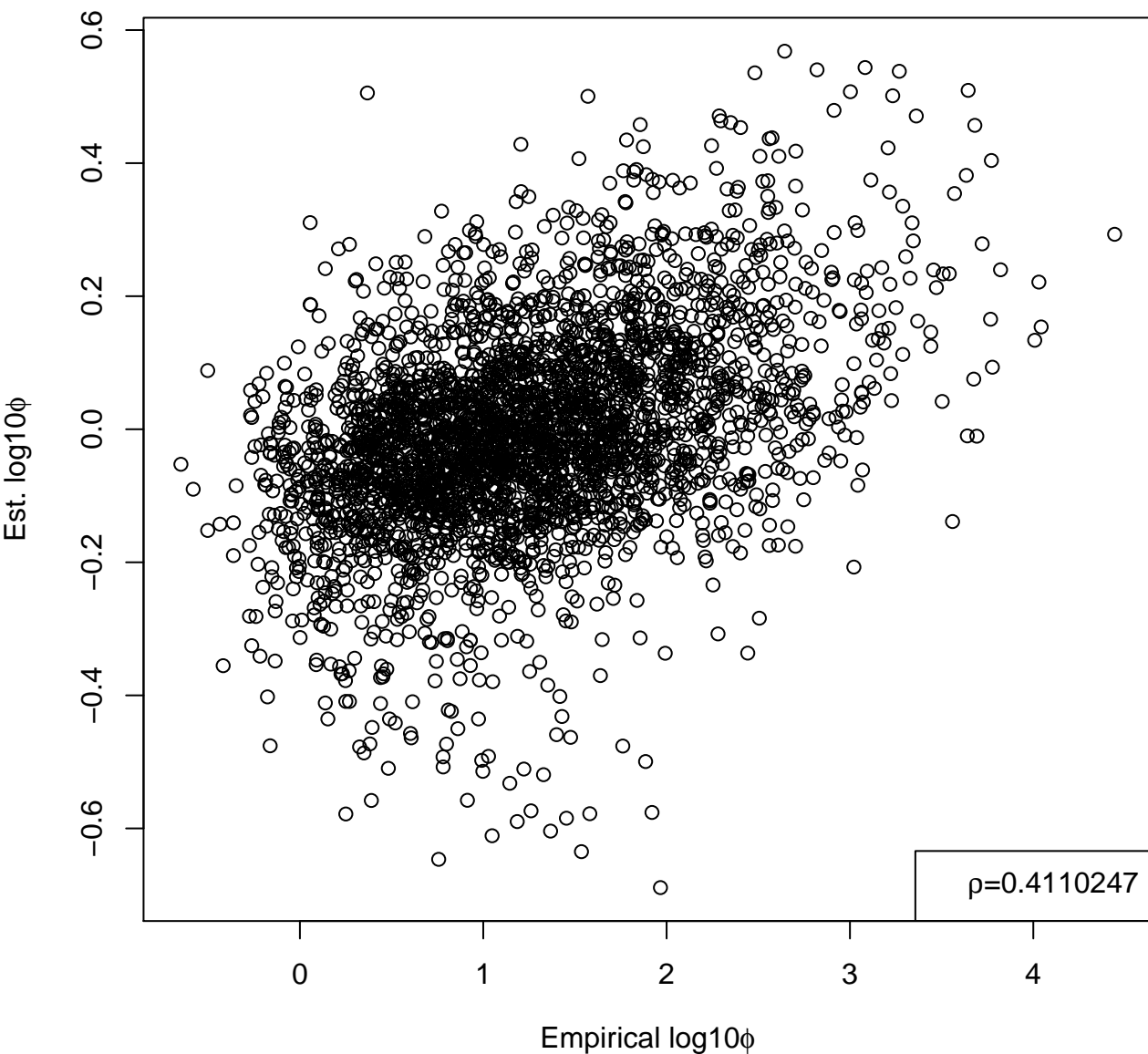
Est. log10φ

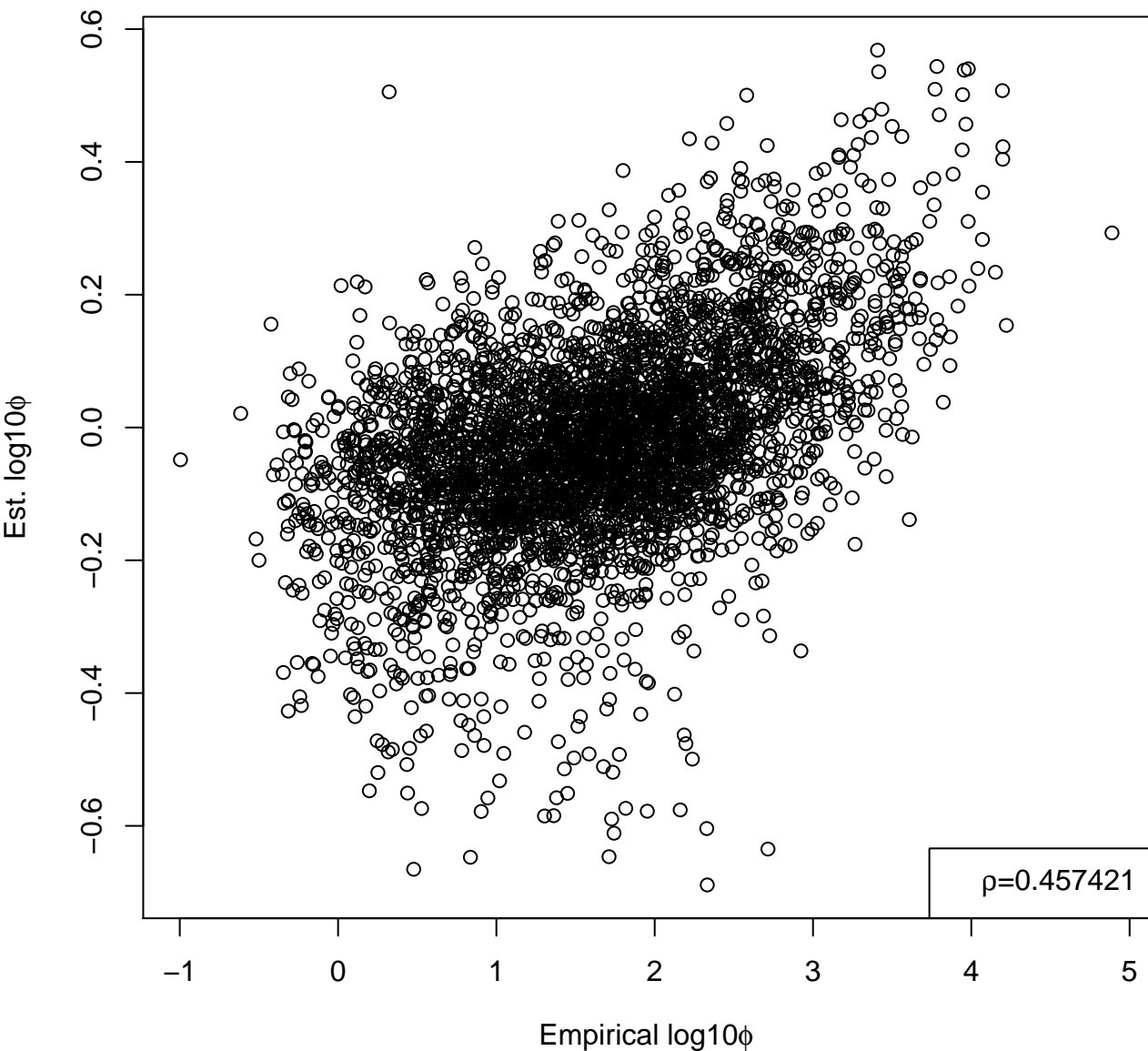ρ=0.4110247

Empirical log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_123, GSM2469691, 7, exponential, glucose, 400, highMg, 5, baseNa, 23, MgSO4_stress_high
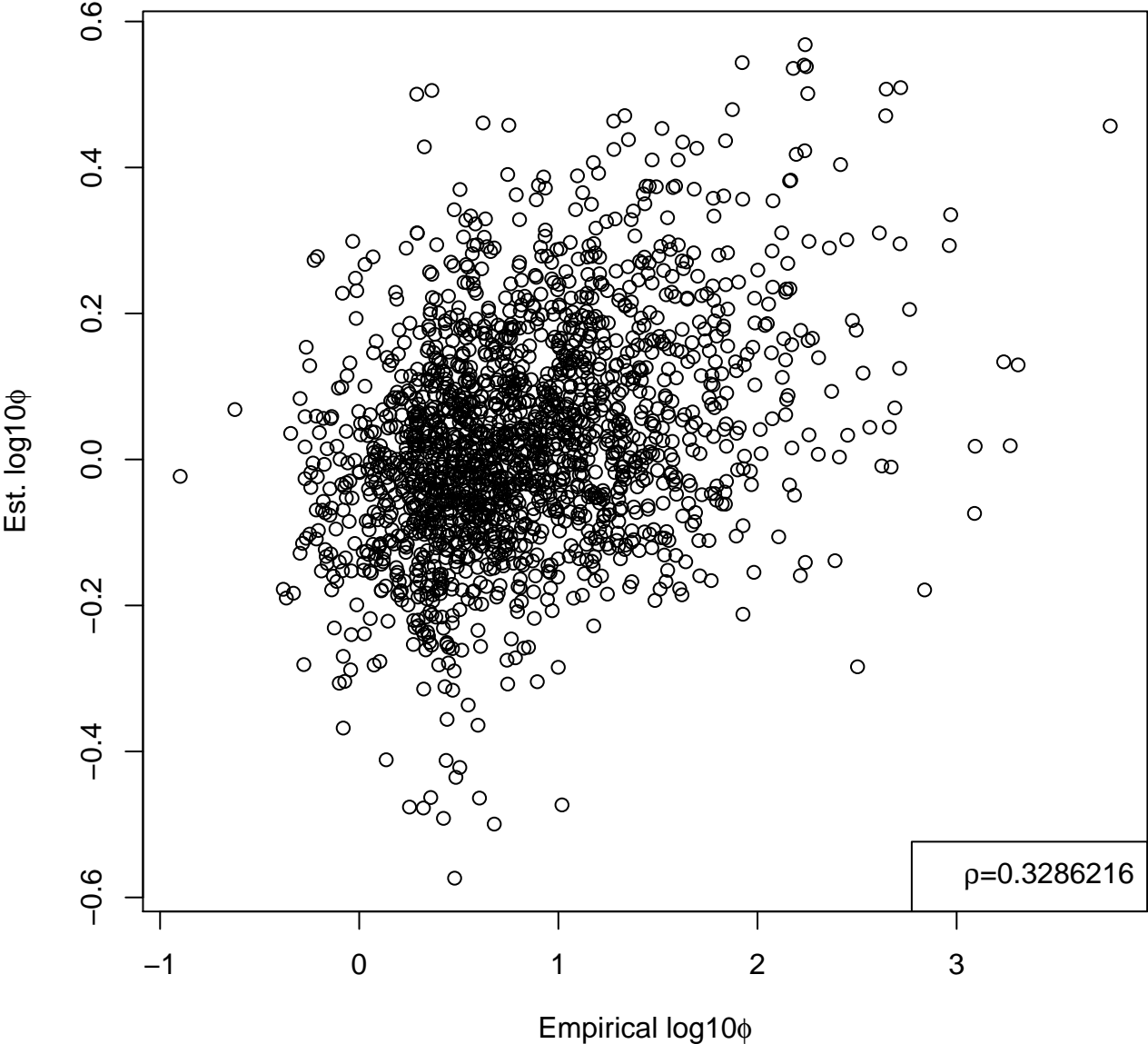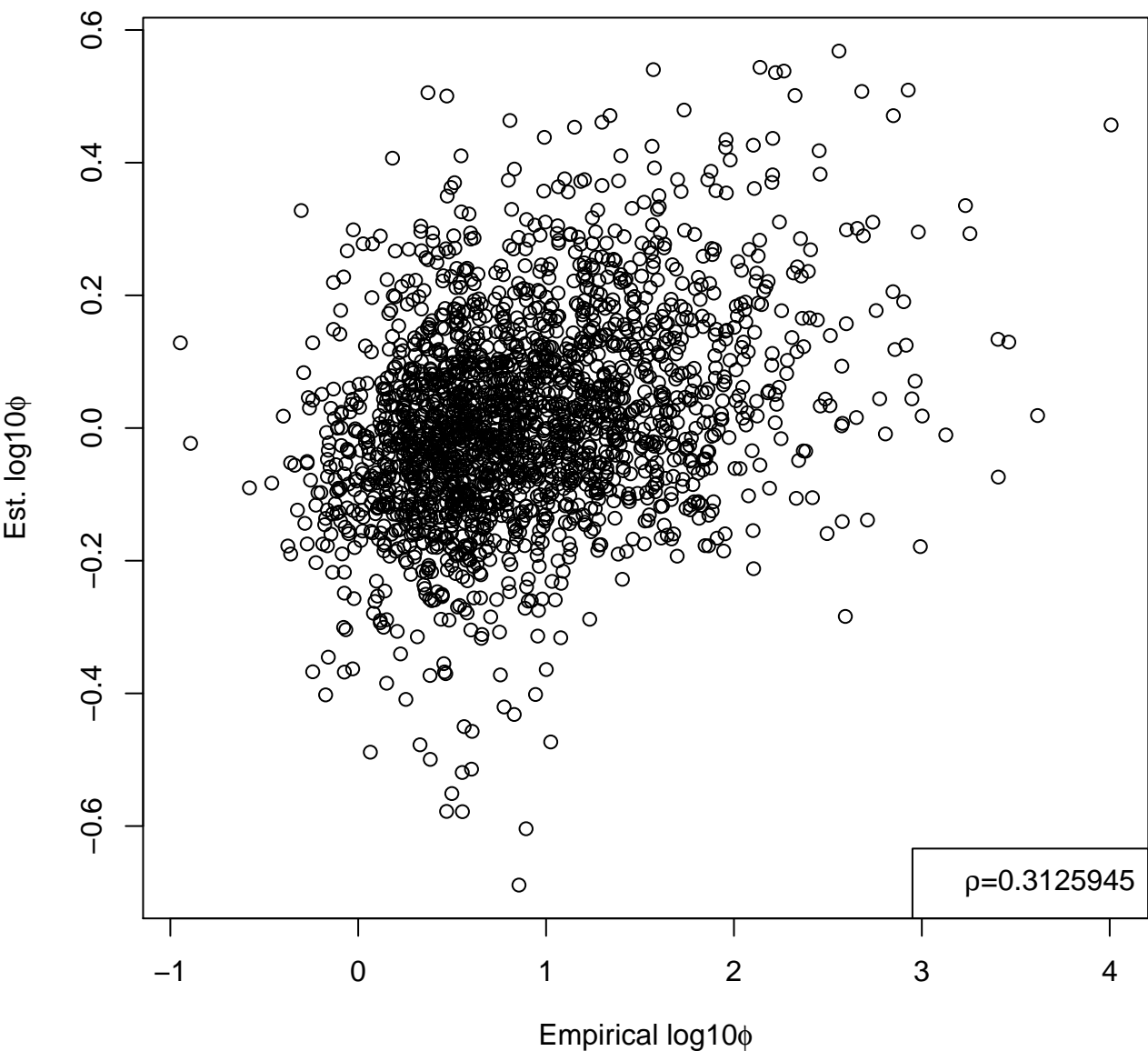

ρ=0.457421

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

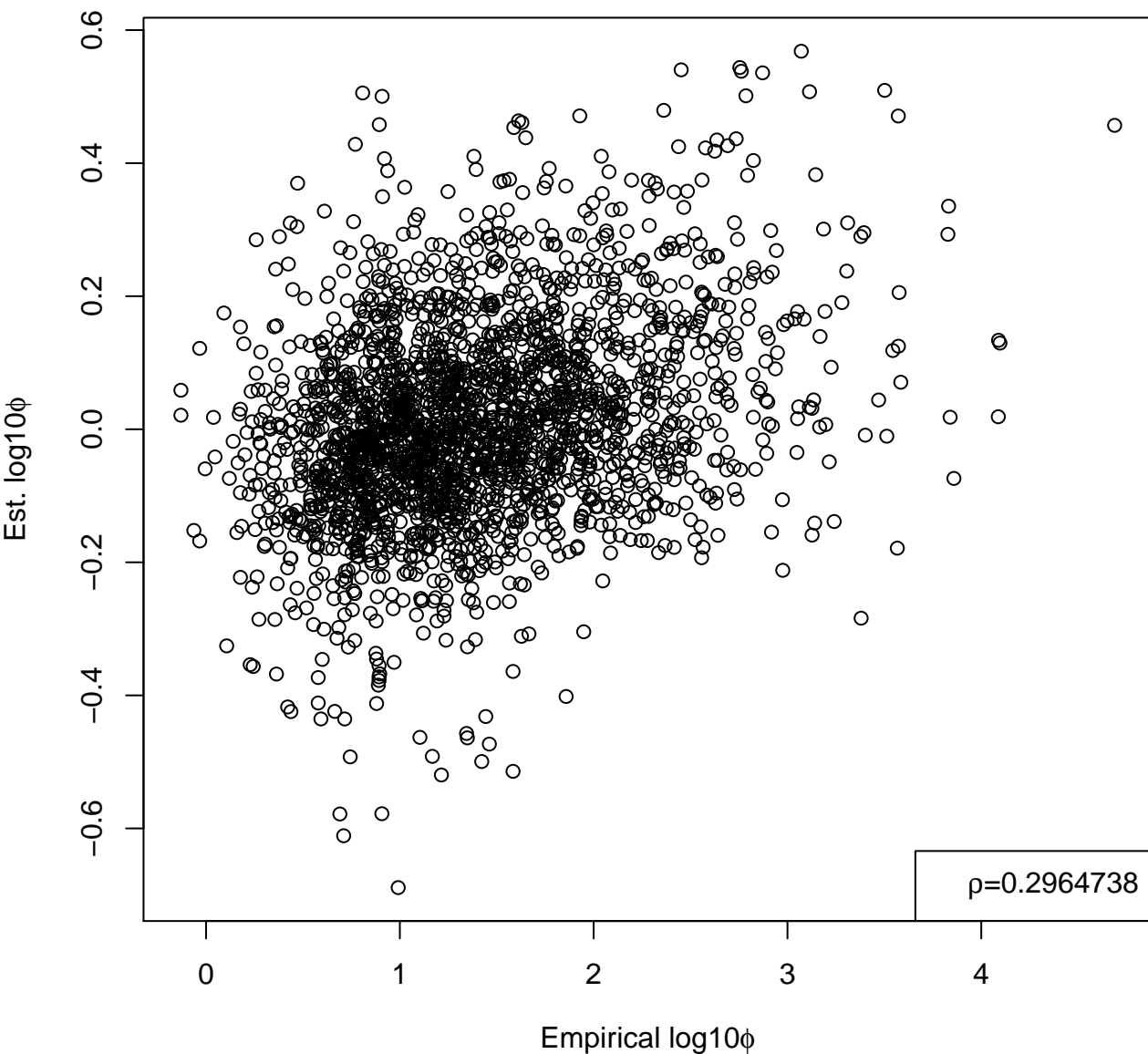**MURI_124, GSM2469692, 28, stationary, glucose, 0.08, lowMg, 5, baseNa, 23, MgSO4_stress_high**

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_125, GSM2469693, 28, stationary, glucose, 0.8, baseMg, 5, baseNa, 23, MgSO4_stress_high

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_126, GSM2469694, 28, stationary, glucose, 8, highMg, 5, baseNa, 23, MgSO4_stress_high

Est. log10ϕ
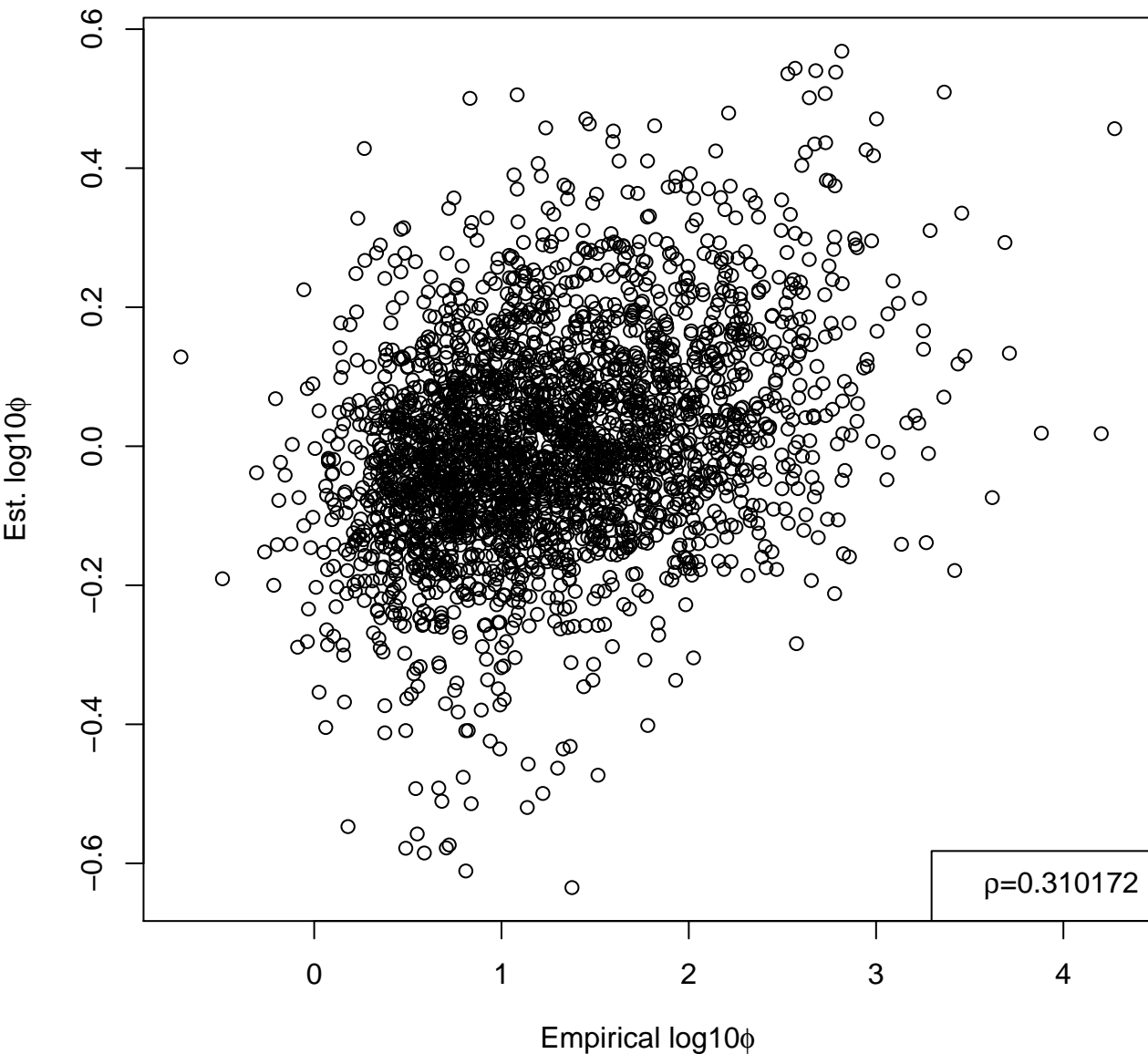
Empirical log10ϕ

ρ=0.2964738

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_127, GSM2469695, 28, stationary, glucose, 50, highMg, 5, baseNa, 23, MgSO4_stress_high

Est. log10ϕ

Empirical log10ϕ

$\rho=0.310172$

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

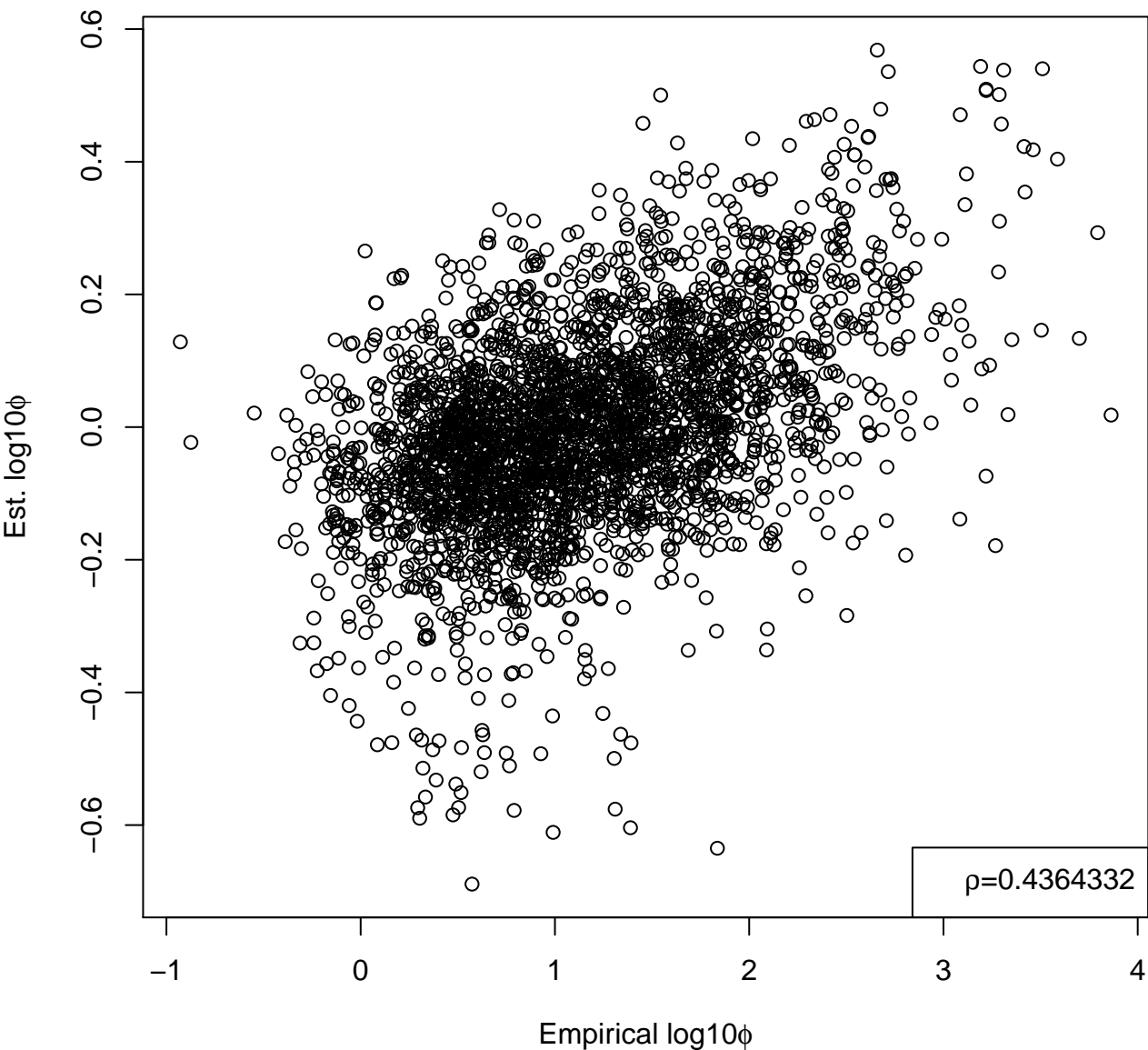**MURI_128, GSM2469696, 28, stationary, glucose, 200, highMg, 5, baseNa, 23, MgSO4_stress_high**

Empirical log10φ

Est. log10φ

ρ=0.4364332

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

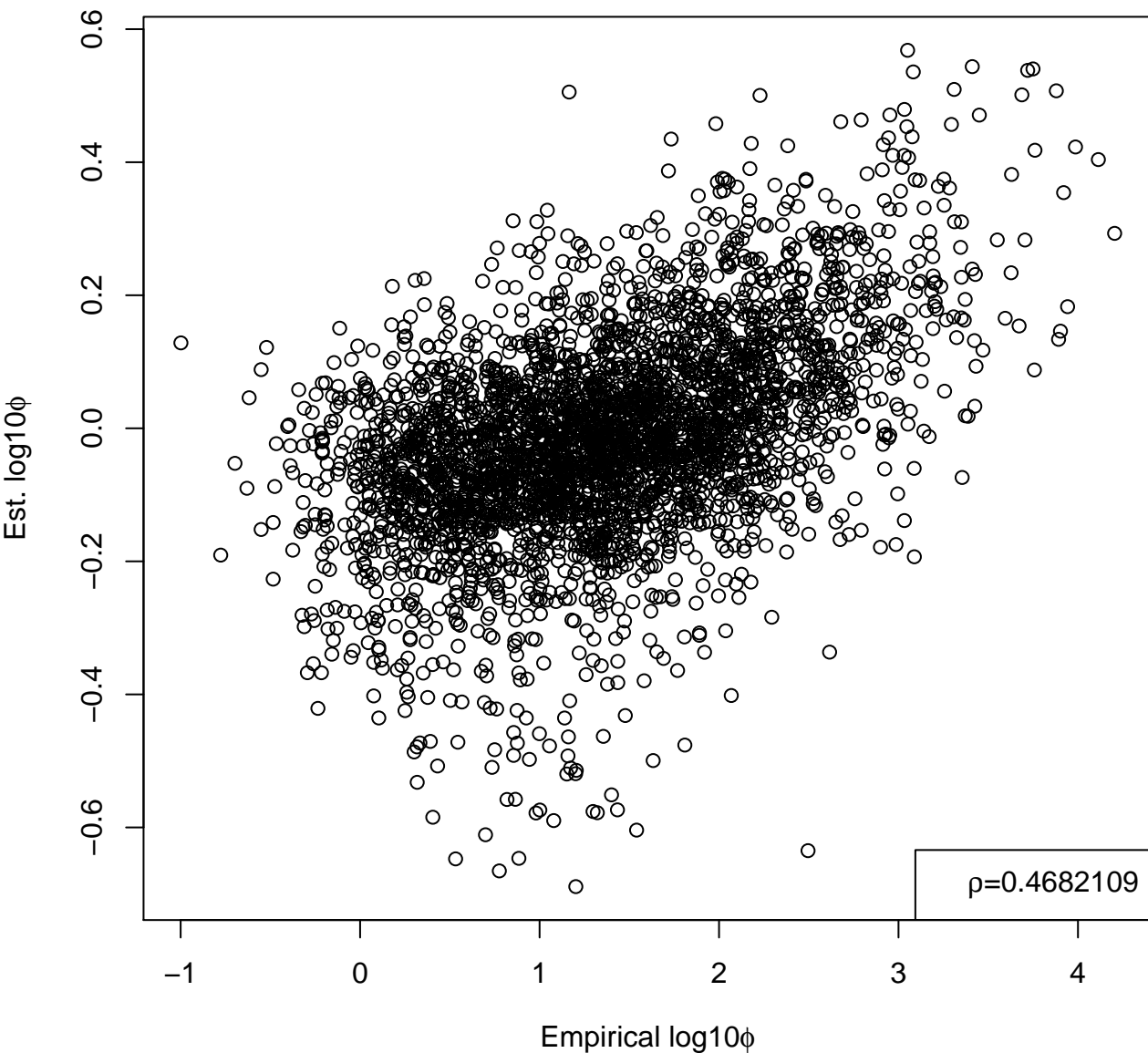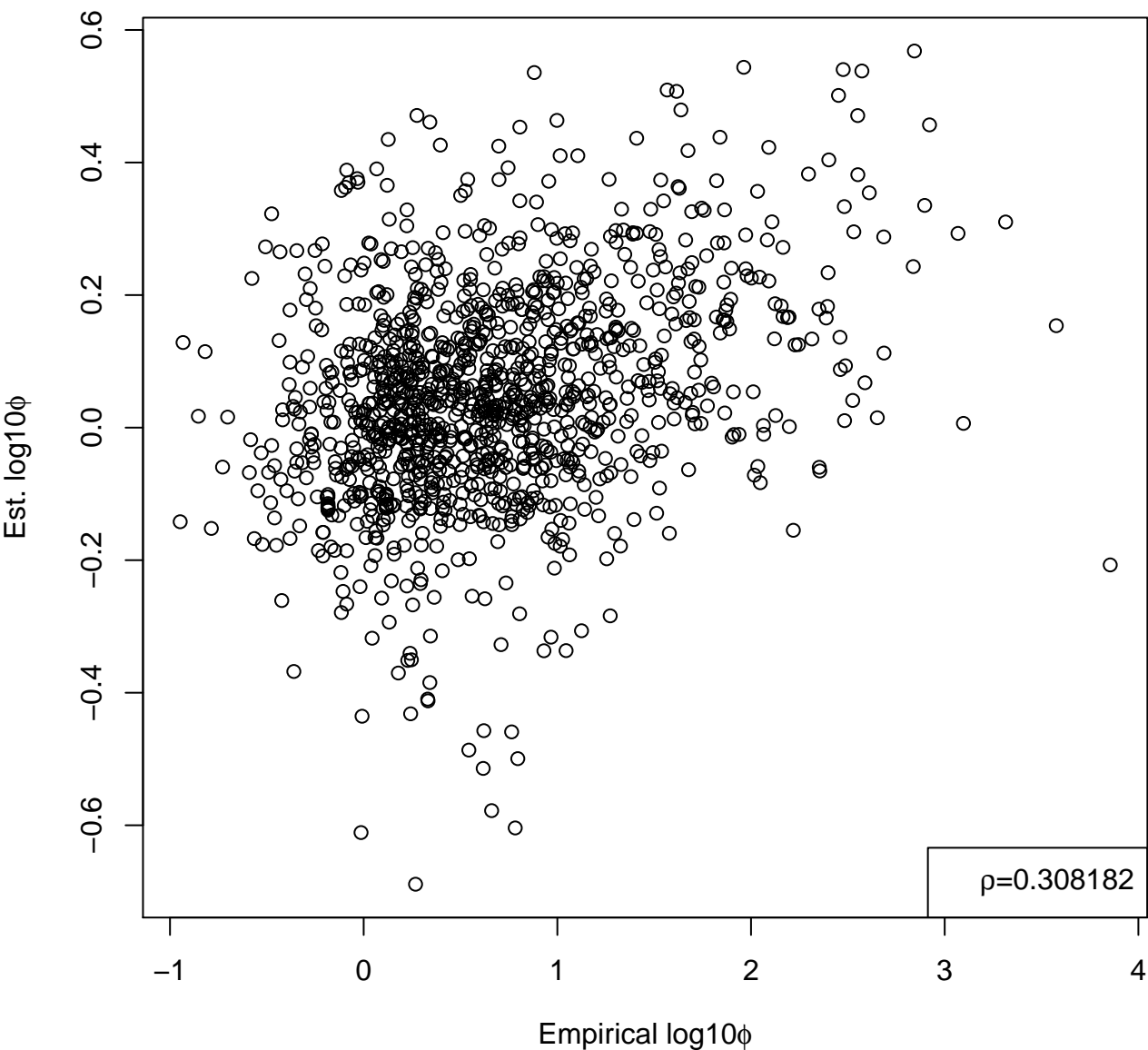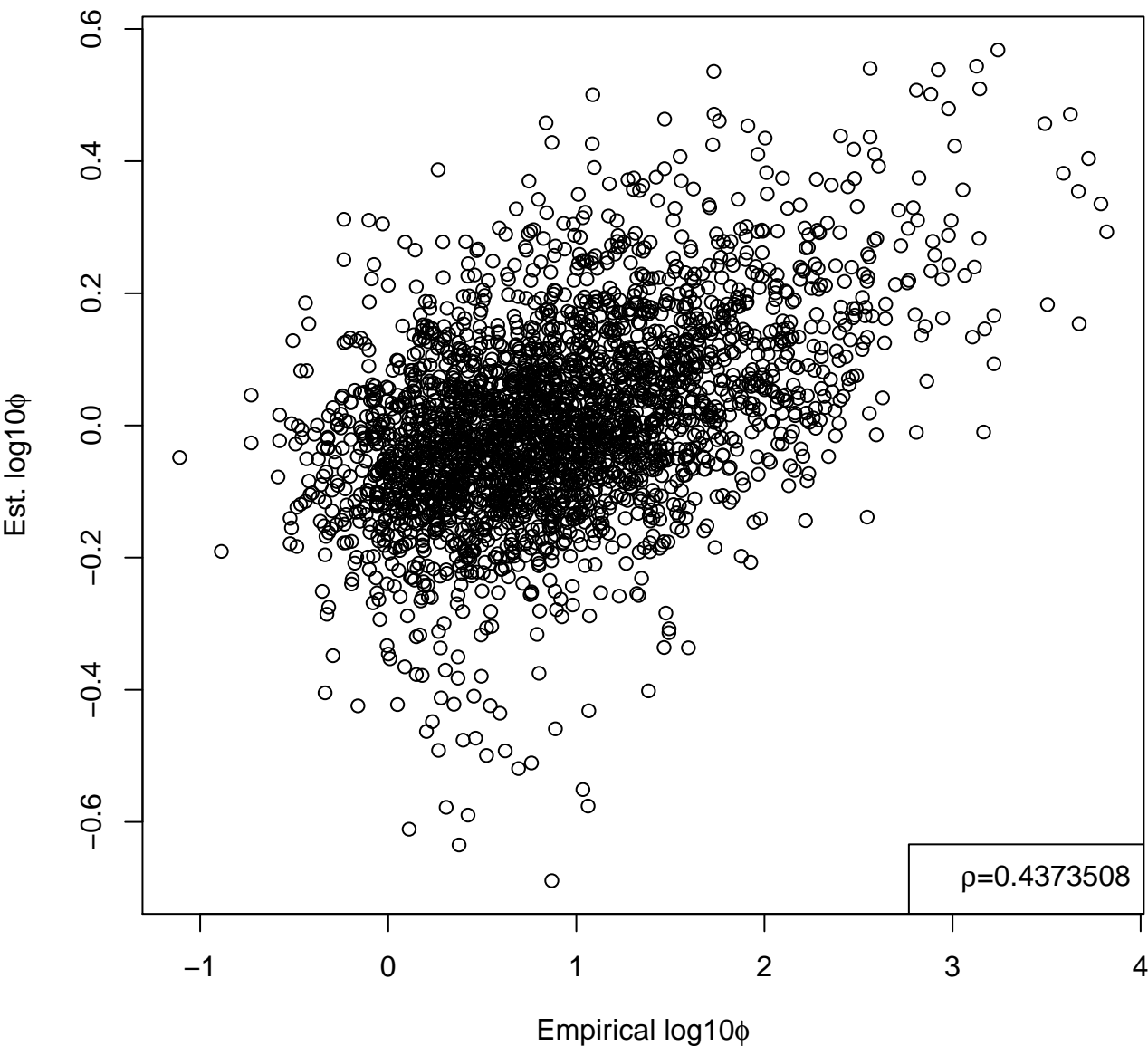**MURI_129, GSM2469697, 28, stationary, glucose, 400, highMg, 5, baseNa, 23, MgSO4_stress_high**

Est. log10ϕ

ρ=0.4682109

Empirical log10ϕ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

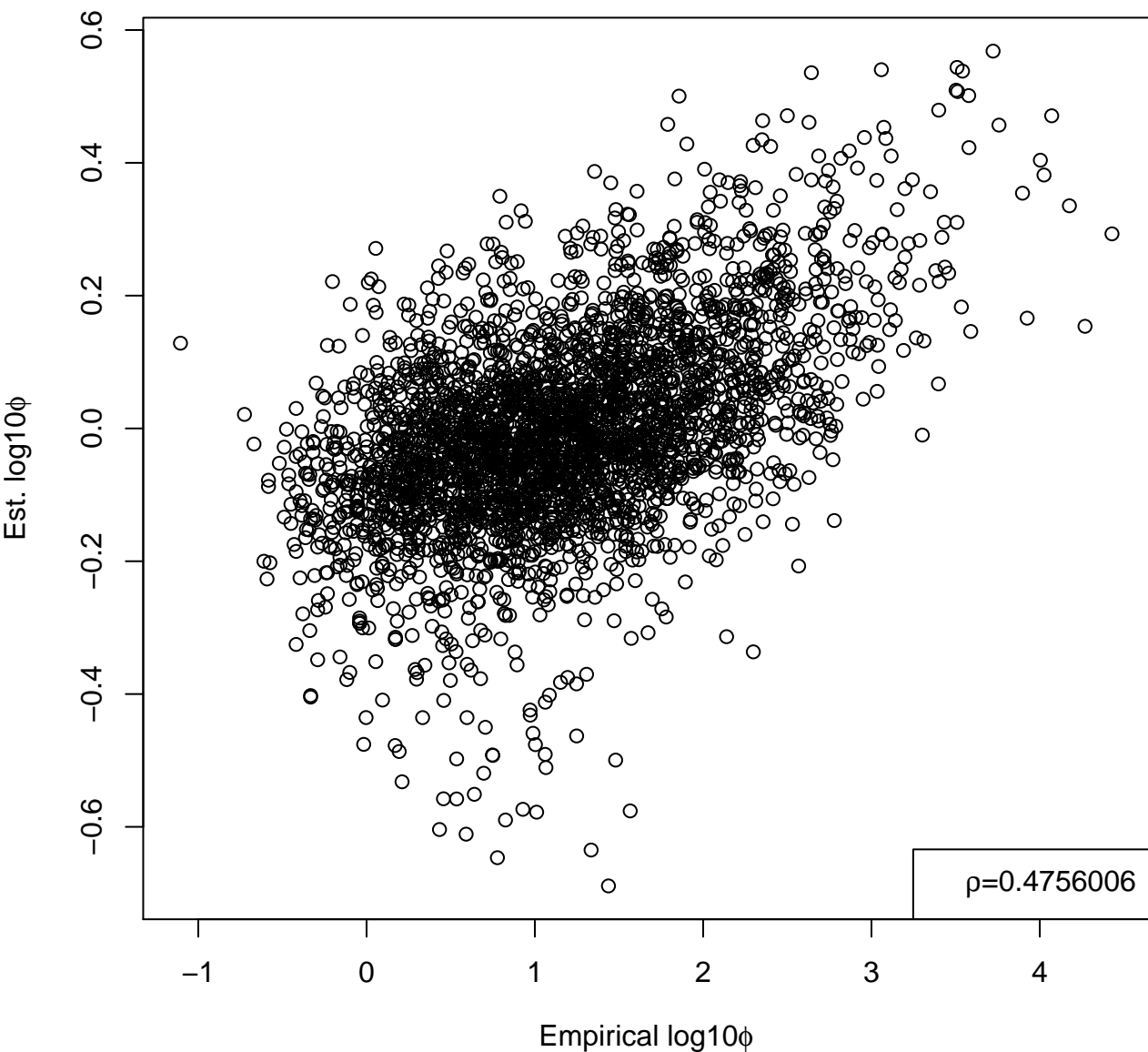**MURI_130, GSM2469698, 5.5, exponential, glucose, 0.08, lowMg, 5, baseNa, 24, MgSO4_stress_high**

Est. log10φ

ρ=0.308182

Empirical log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

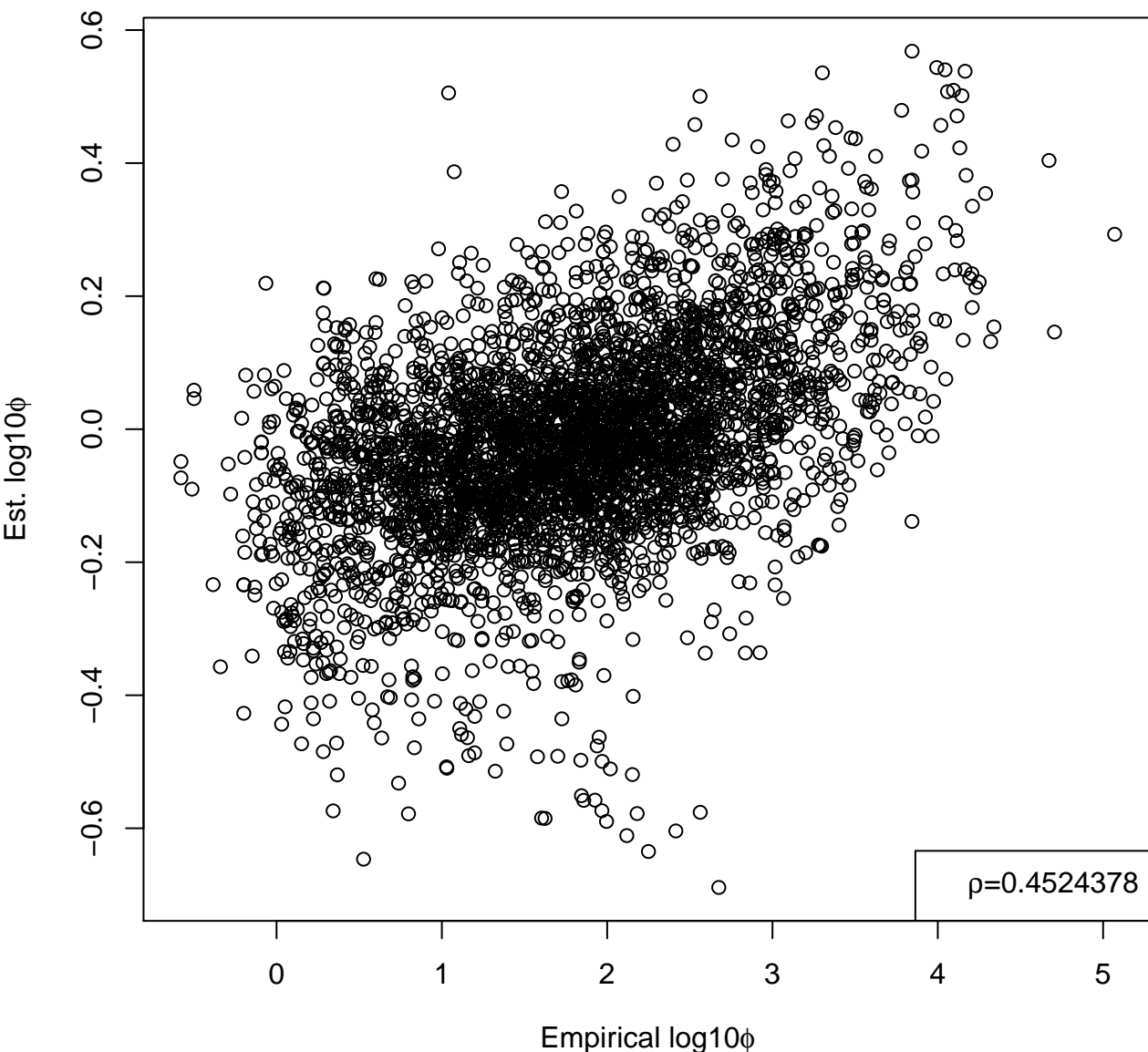**MURI_131, GSM2469699, 5.5, exponential, glucose, 0.8, baseMg, 5, baseNa, 24, MgSO4_stress_high**

ρ=0.4373508

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_132, GSM2469700, 5.5, exponential, glucose, 8, highMg, 5, baseNa, 24, MgSO4_stress_high

Est. log10φ

Empirical log10φ

ρ=0.4756006

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_133, GSM2469701, 5, exponential, glucose, 50, highMg, 5, baseNa, 24, MgSO4_stress_high

Est. log10ϕ

Empirical log10ϕ

ρ=0.4524378

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_134, GSM2469702, 5, exponential, glucose, 200, highMg, 5, baseNa, 24, MgSO4_stress_high
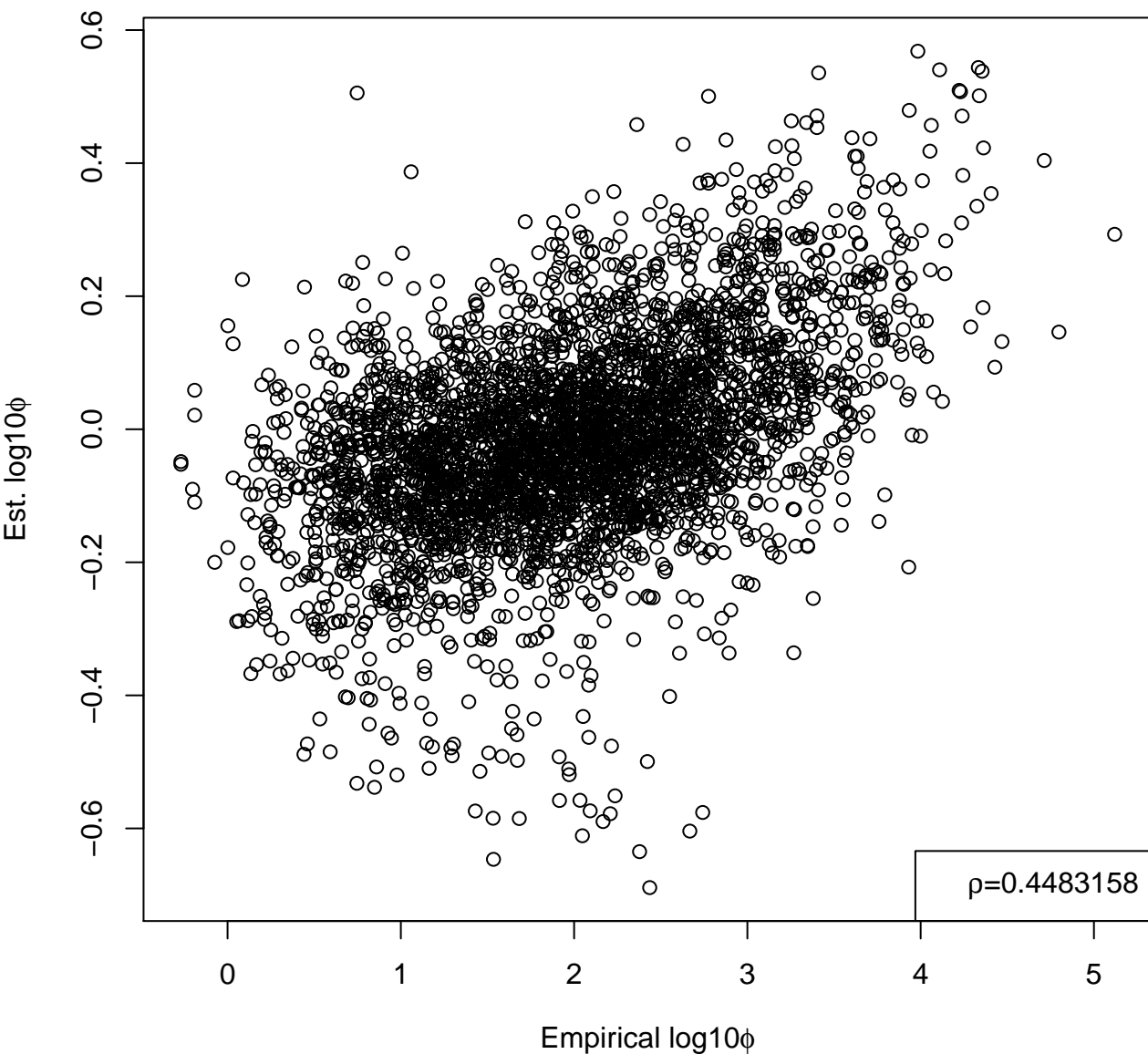

Est. log10φ (y-axis)

Empirical log10φ (x-axis)

ρ=0.4483158

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

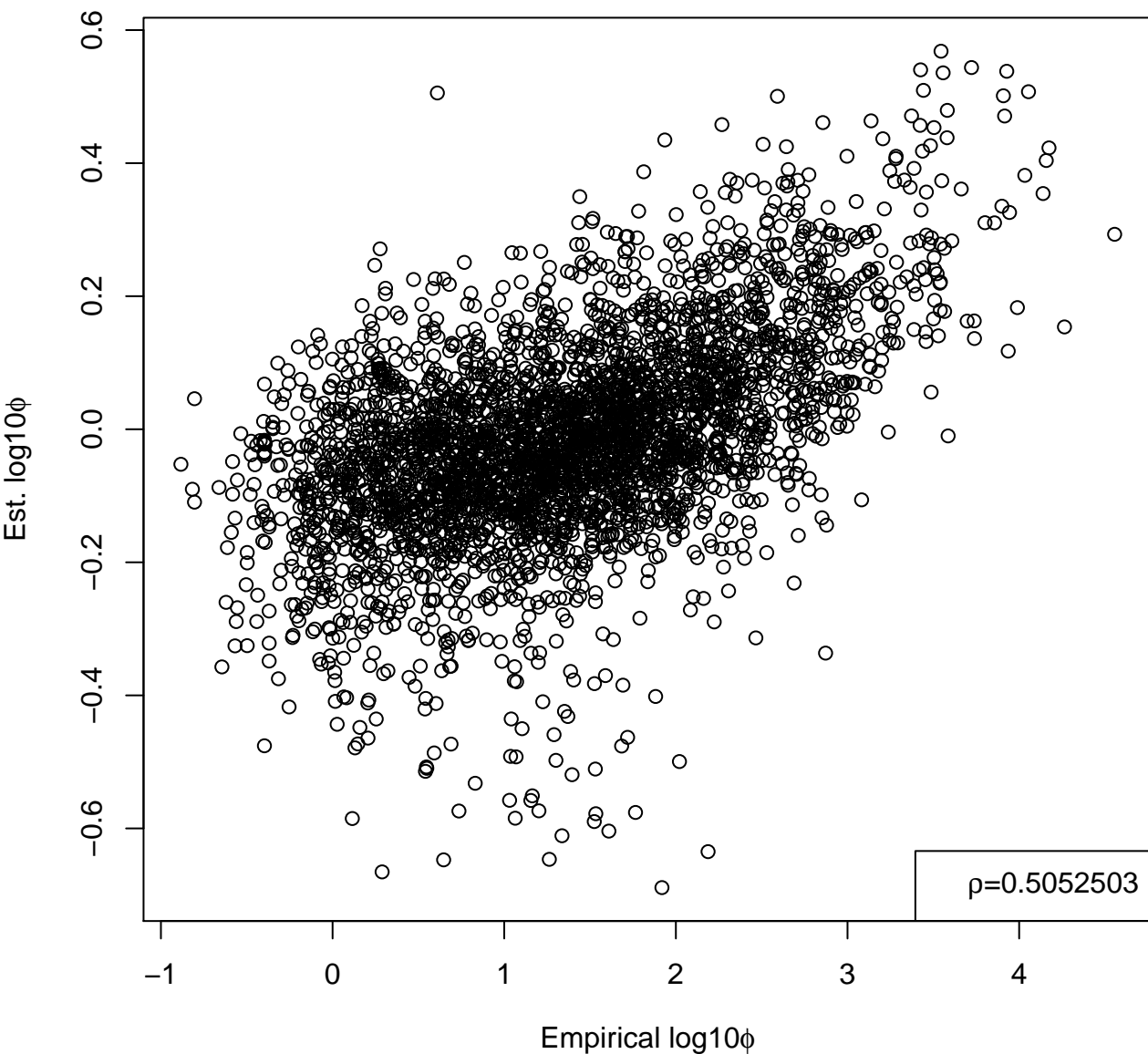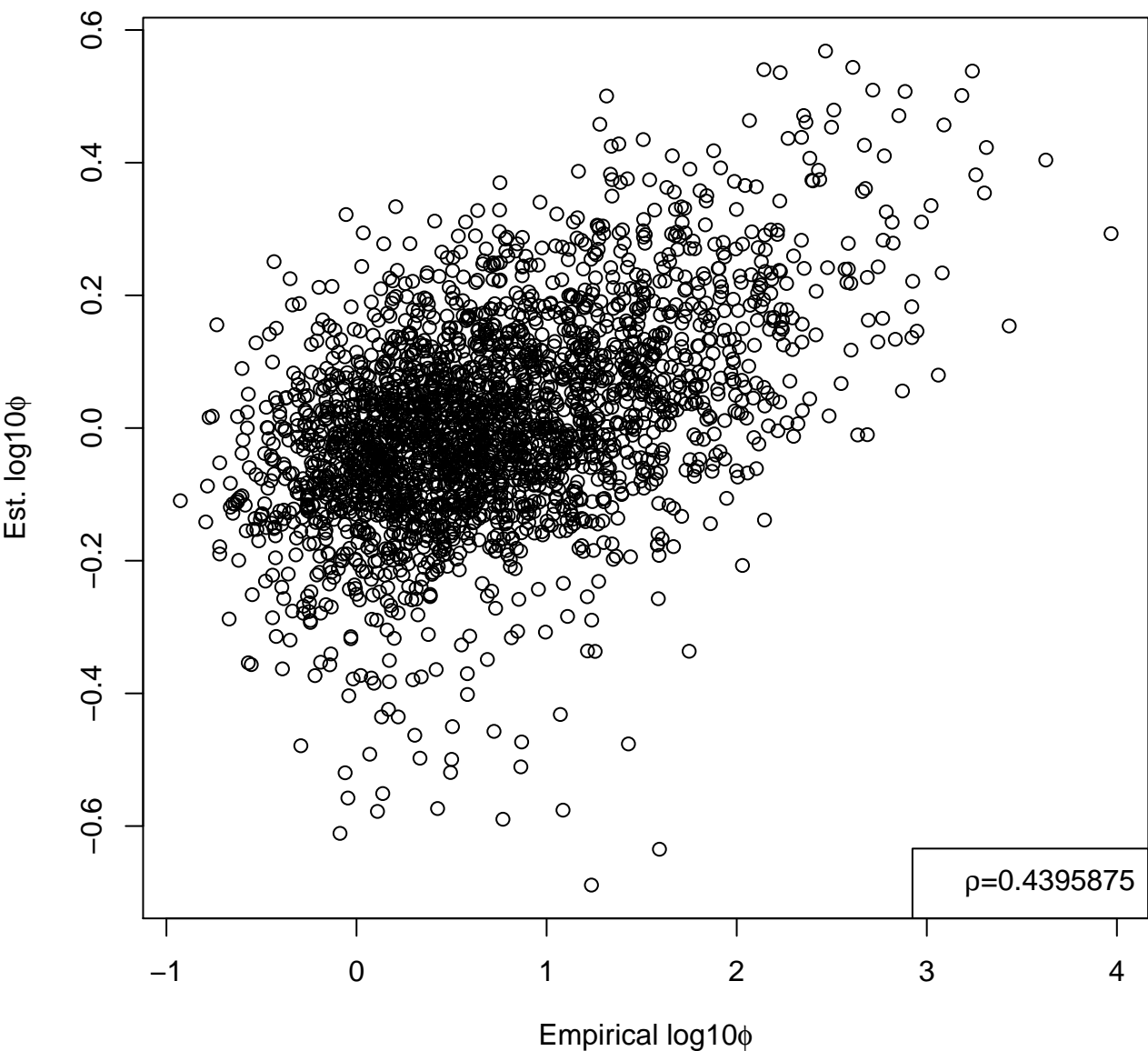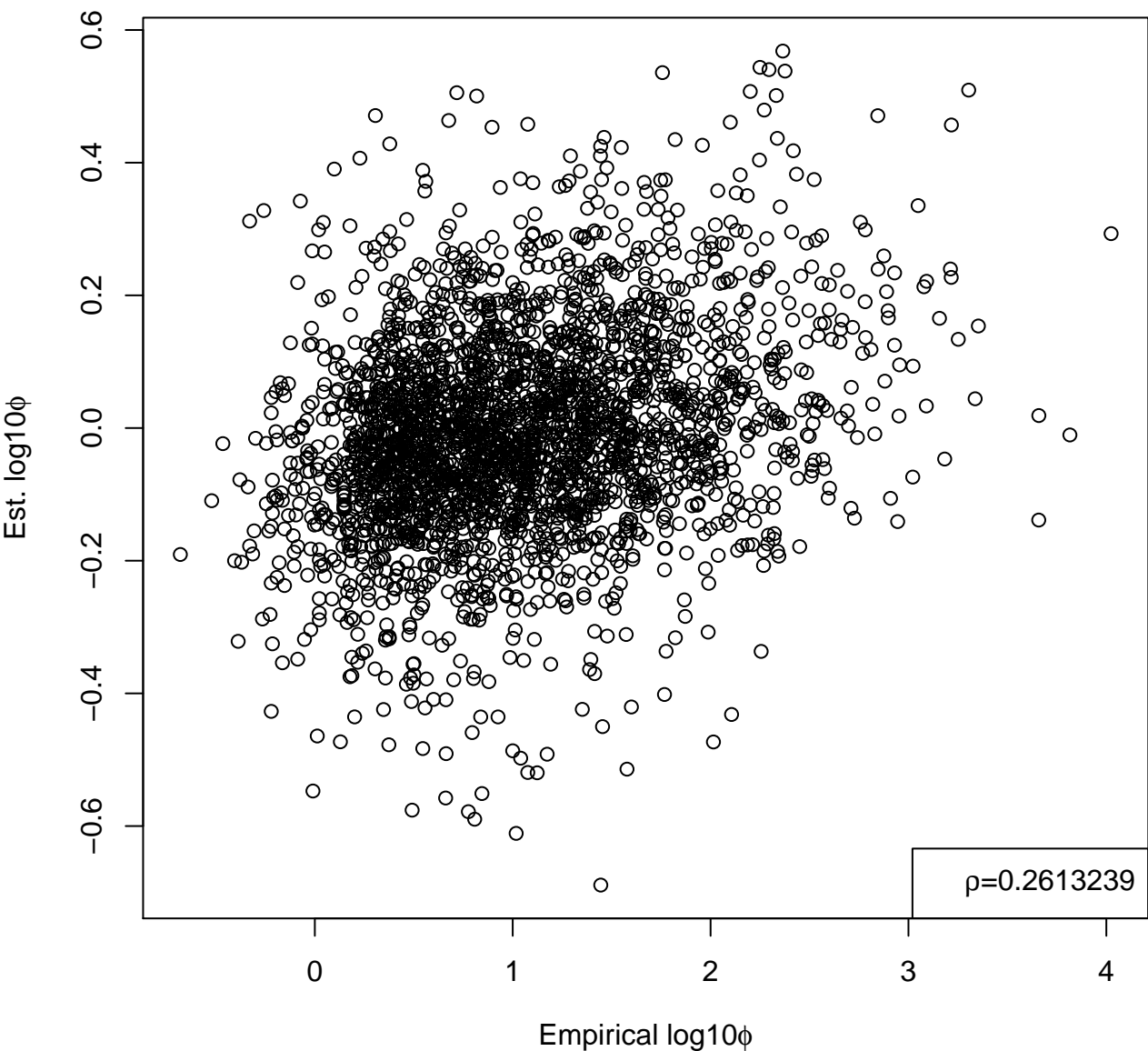**MURI_135, GSM2469703, 7, exponential, glucose, 400, highMg, 5, baseNa, 24, MgSO4_stress_high**

Est. log10φ

Empirical log10φ

ρ=0.5052503

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

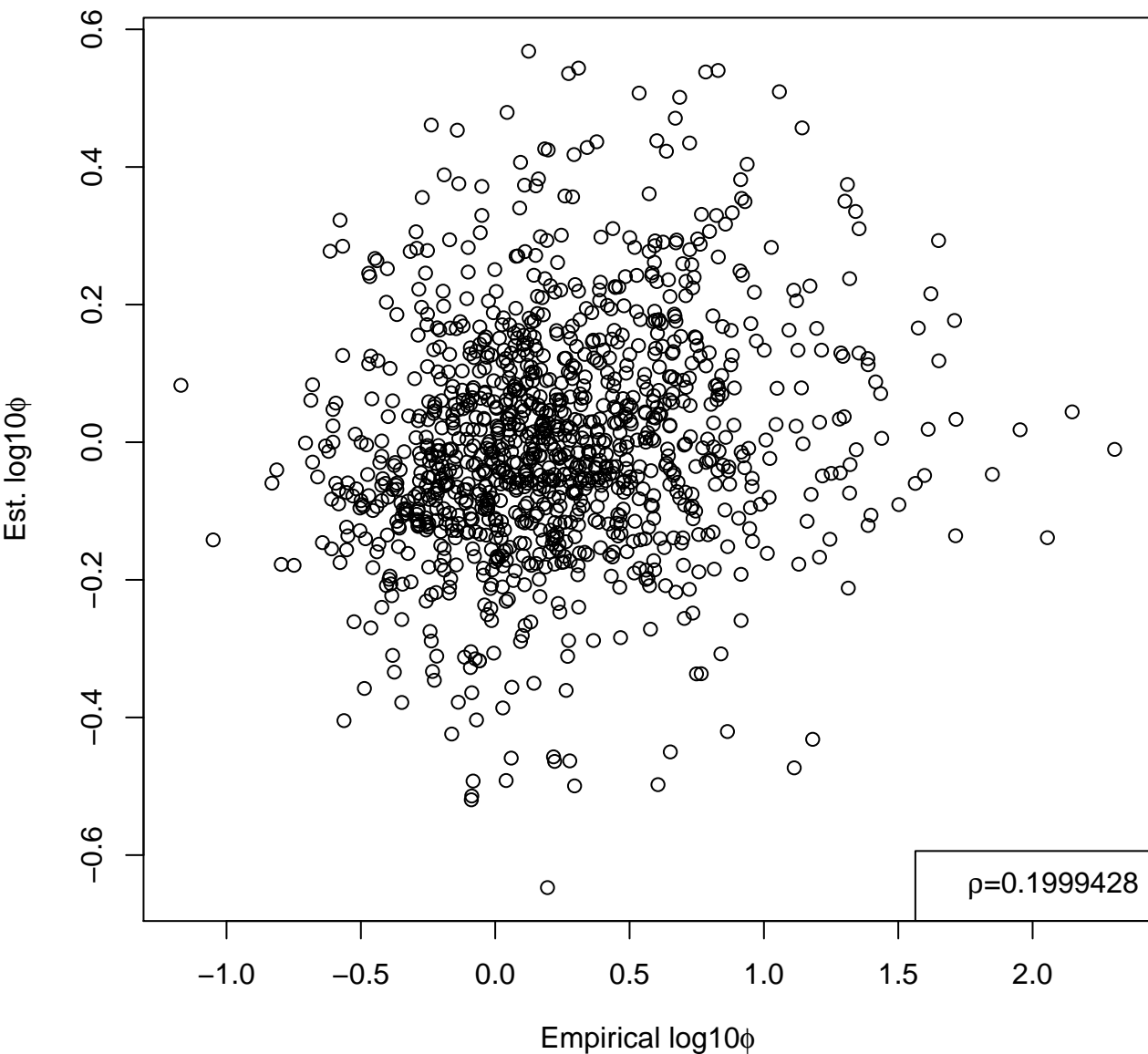**MURI_136, GSM2469704, 28, stationary, glucose, 0.08, lowMg, 5, baseNa, 24, MgSO4_stress_high**

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_137, GSM2469705, 28, stationary, glucose, 0.8, baseMg, 5, baseNa, 24, MgSO4_stress_high

ρ=0.2613239

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_138, GSM2469706, 28, stationary, glucose, 8, highMg, 5, baseNa, 24, MgSO4_stress_high

Est. log10ϕ

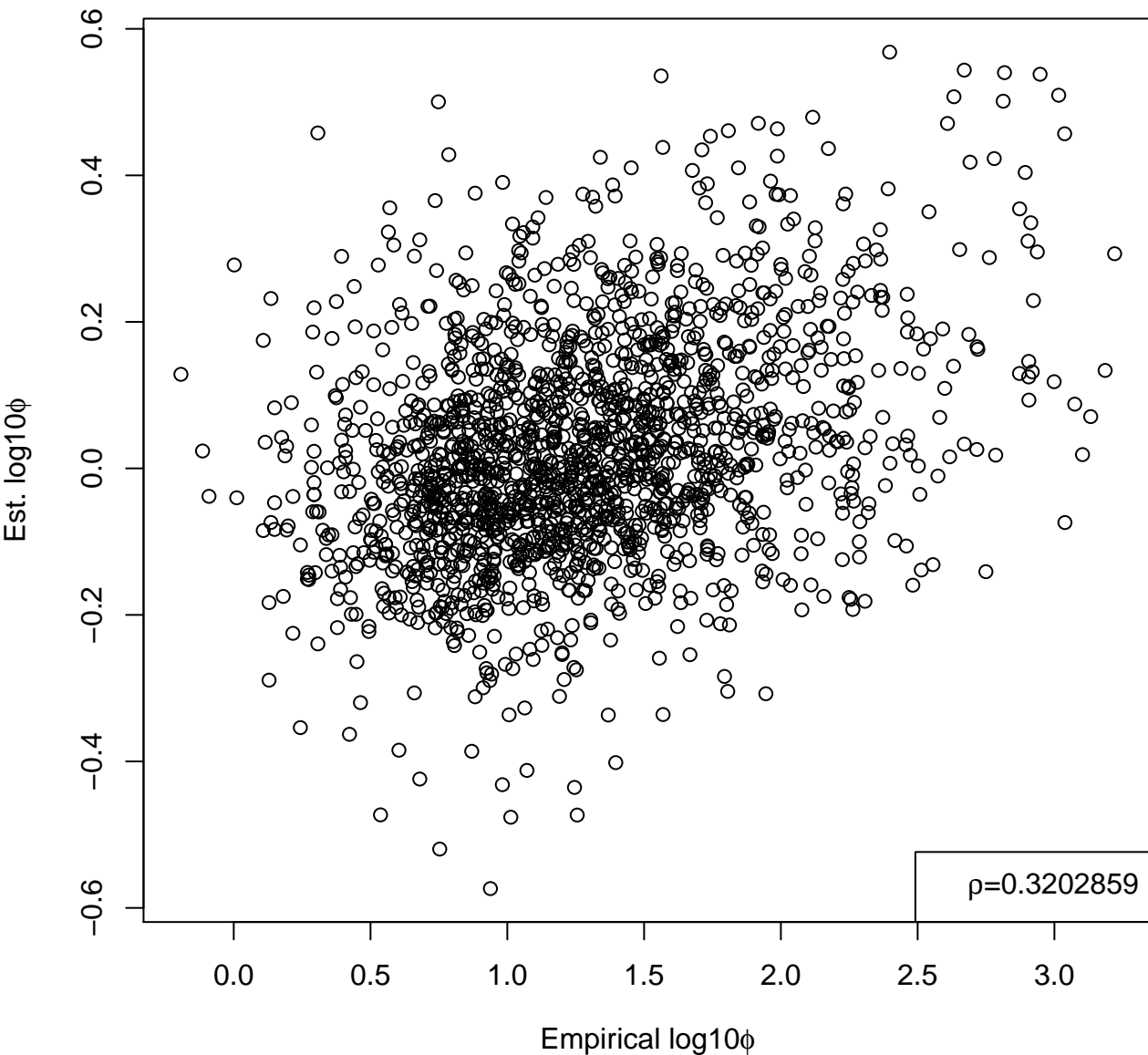Empirical log10ϕ

ρ=0.1999428

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_139, GSM2469707, 28, stationary, glucose, 50, highMg, 5, baseNa, 24, MgSO4_stress_high

Est. log10φ

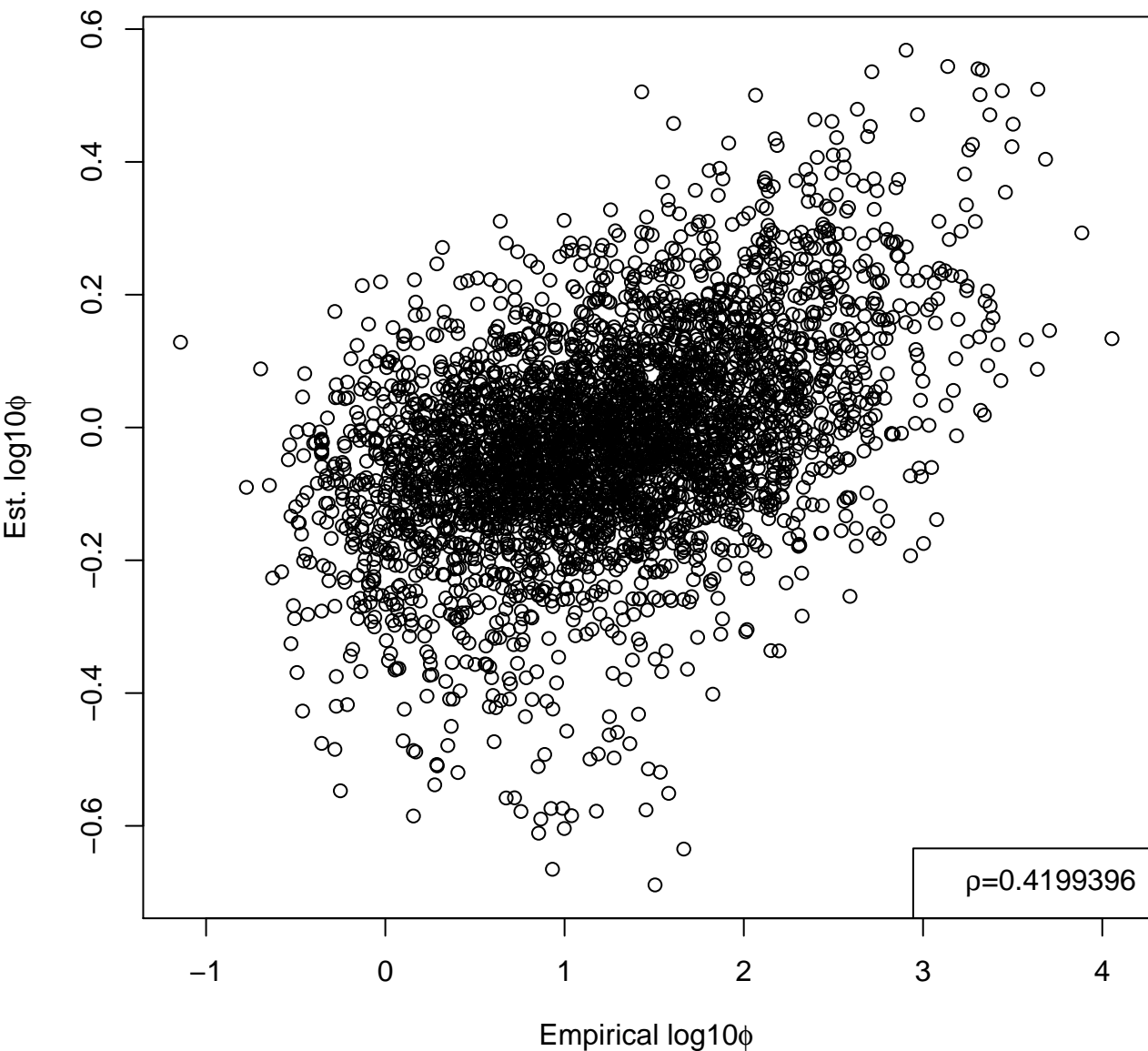Empirical log10φ

ρ=0.3202859

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_140, GSM2469708, 28, stationary, glucose, 200, highMg, 5, baseNa, 24, MgSO4_stress_high

Est. log10ϕ

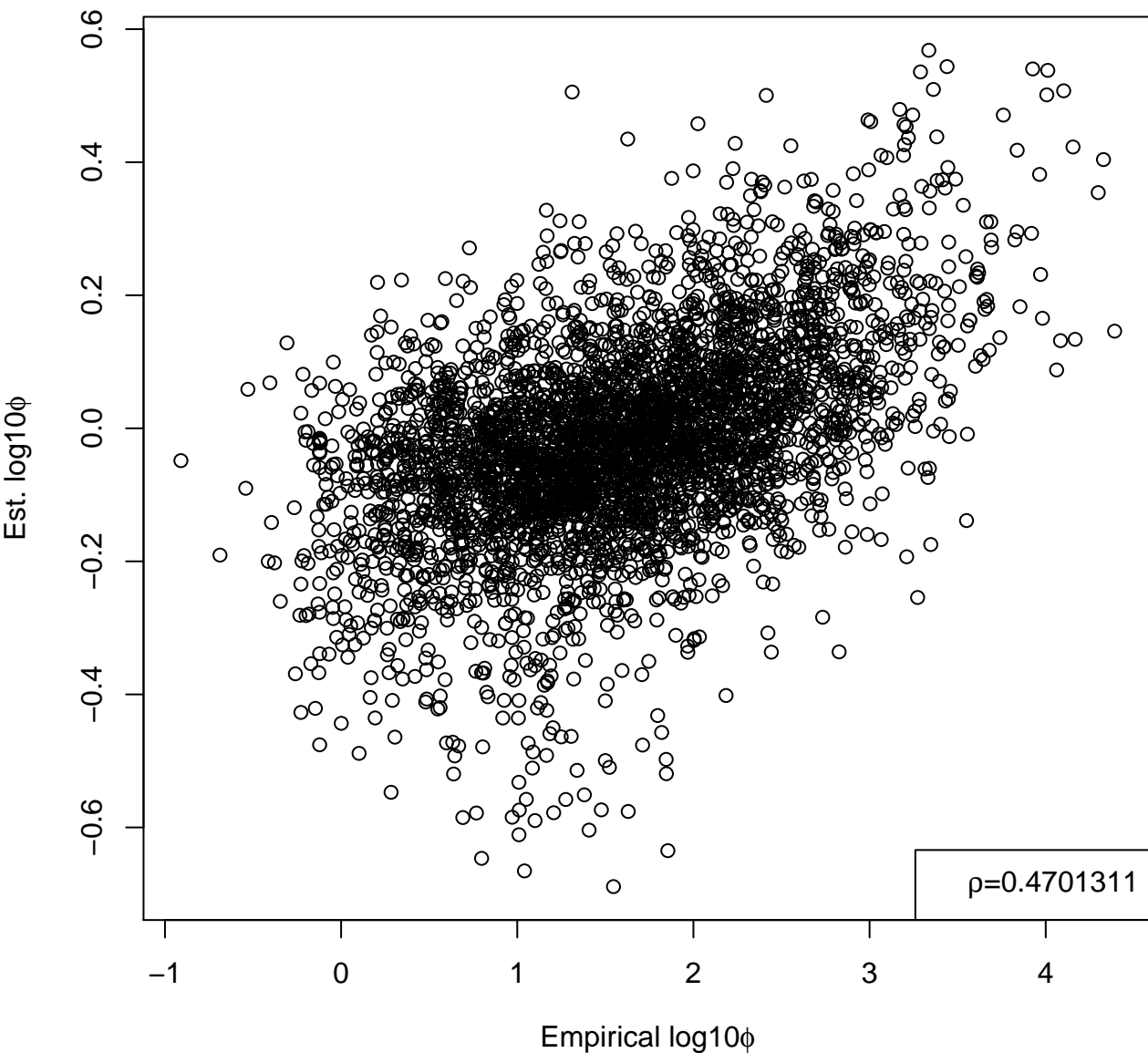Empirical log10ϕ

ρ=0.4199396

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_141, GSM2469709, 28, stationary, glucose, 400, highMg, 5, baseNa, 24, MgSO4_stress_high
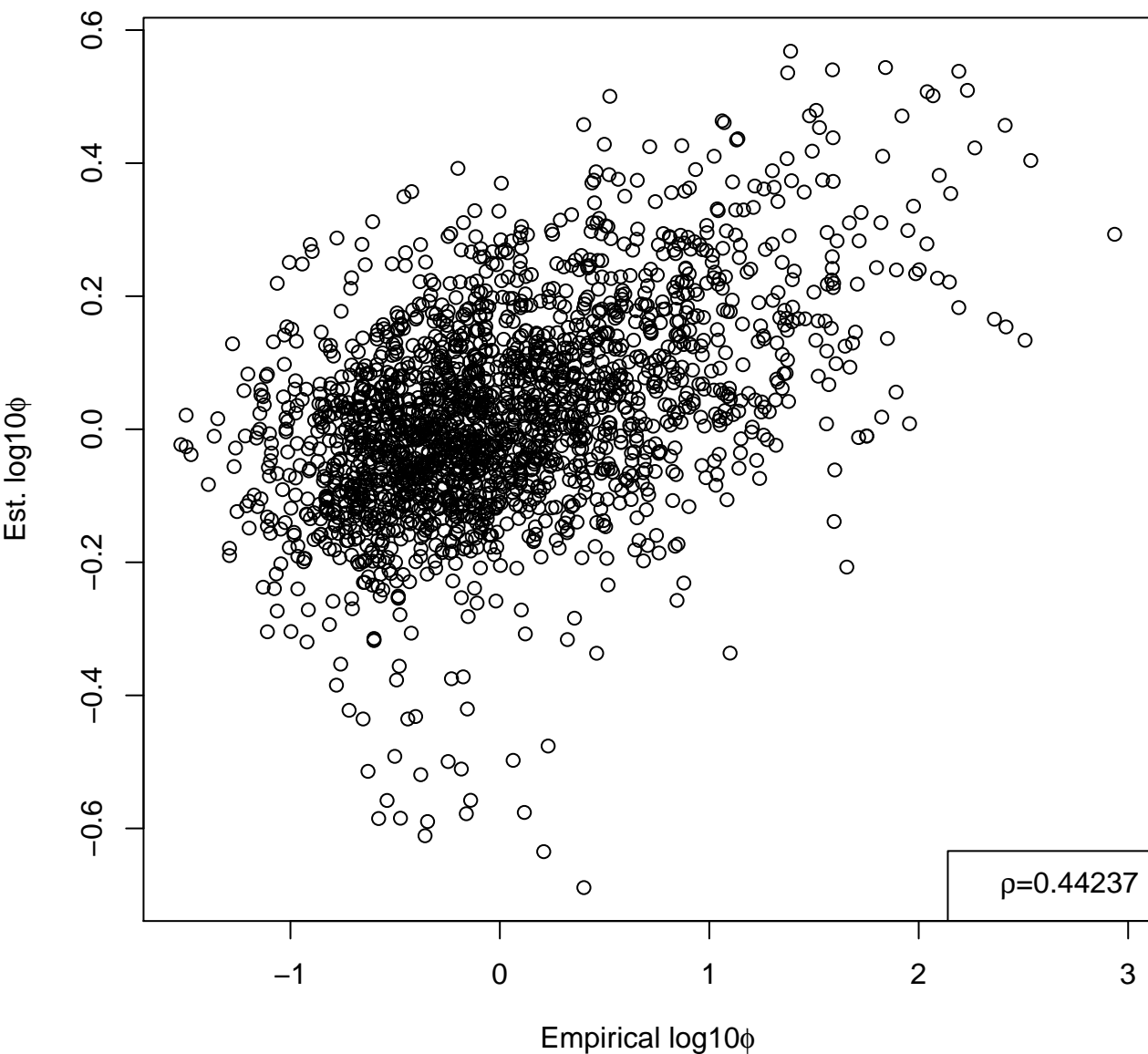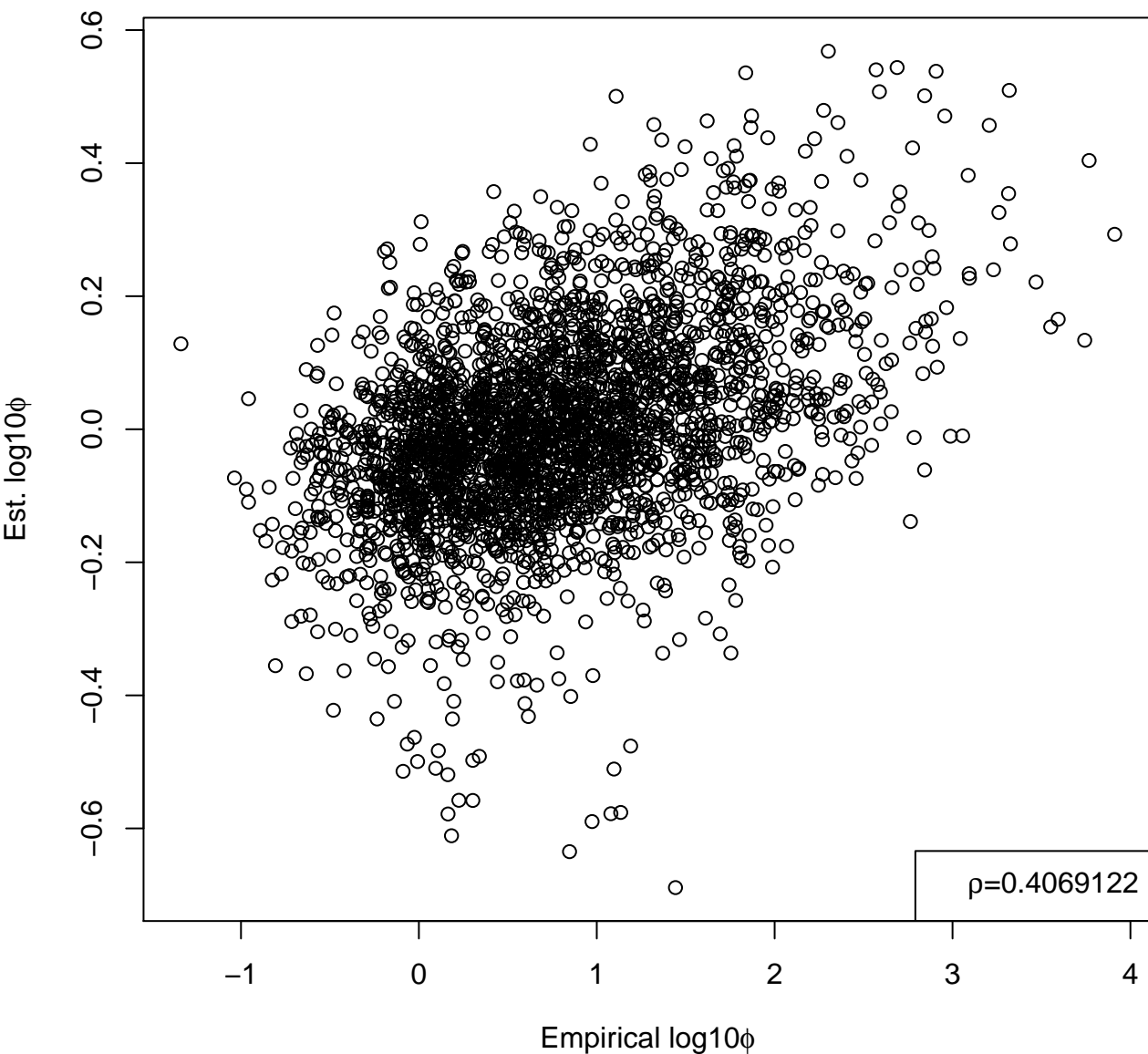
Est. log10φ

Empirical log10φ

ρ=0.4701311

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_142, GSM2469710, 5, exponential, glucose, 0.005, lowMg, 5, baseNa, 25, MgSO4_stress_low

Est. log10ϕ

ρ=0.44237

Empirical log10ϕ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_143, GSM2469711, 5.5, exponential, glucose, 0.01, lowMg, 5, baseNa, 25, MgSO4_stress_low

ρ=0.4069122

Est. log10ϕ

Empirical log10ϕ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

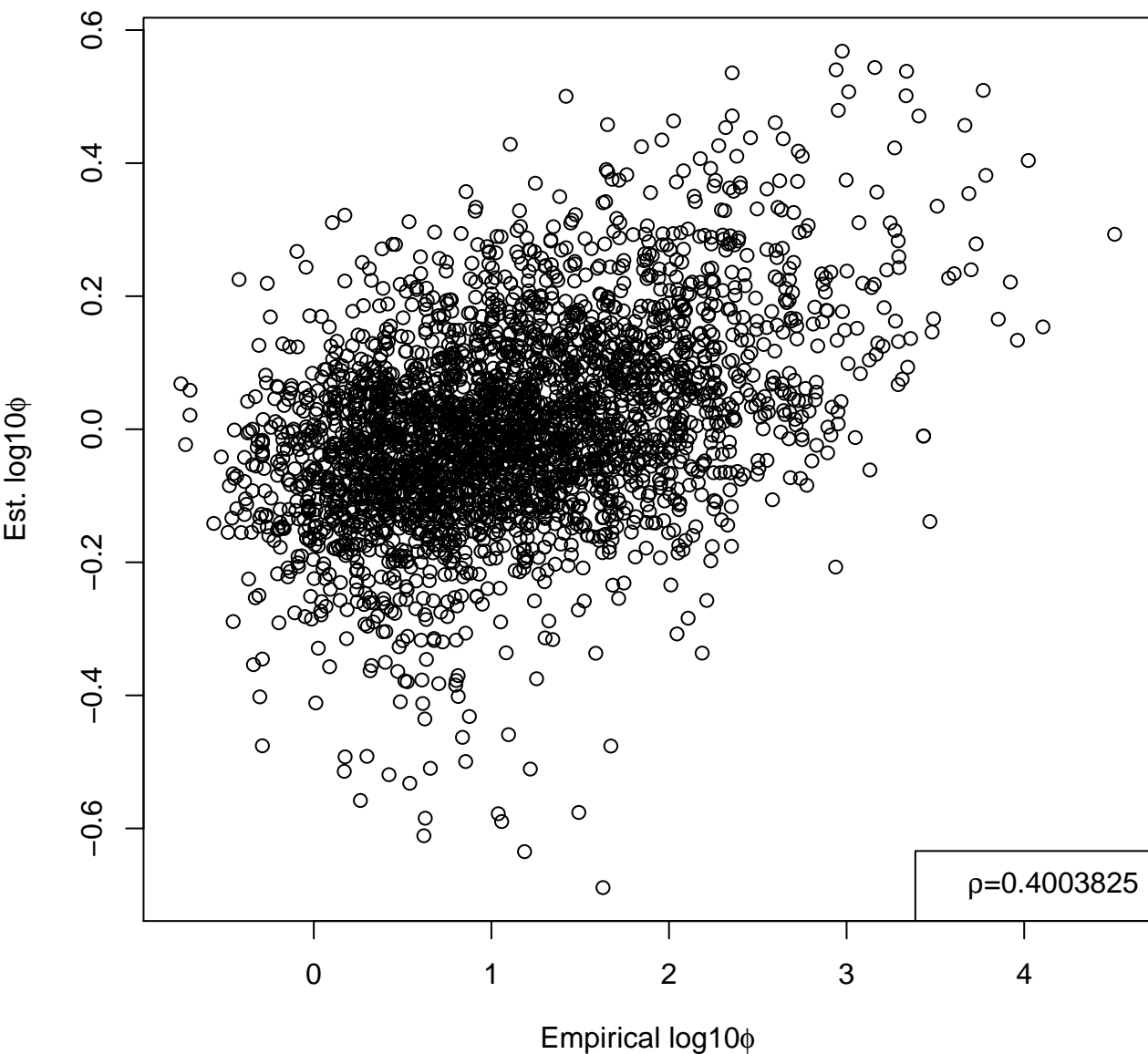**MURI_144, GSM2469712, 5.5, exponential, glucose, 0.02, lowMg, 5, baseNa, 25, MgSO4_stress_low**
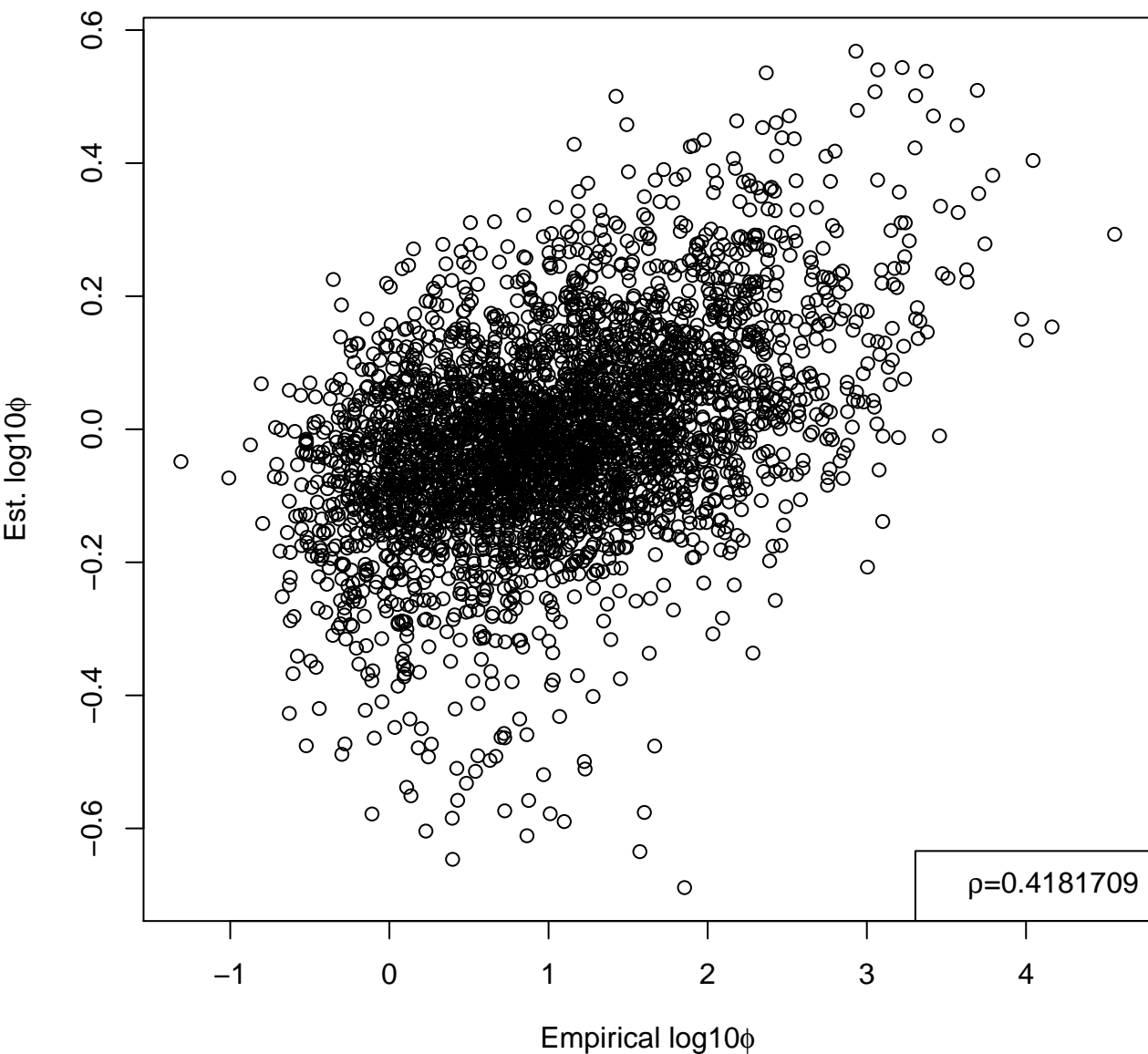

Empirical log10φ

ρ=0.4003825

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_145, GSM2469713, 5.5, exponential, glucose, 0.04, lowMg, 5, baseNa, 25, MgSO4_stress_low

Est. log10φ

Empirical log10φ

ρ=0.4181709

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_146, GSM2469714, 5.5, exponential, glucose, 0.08, lowMg, 5, baseNa, 25, MgSO4_stress_low
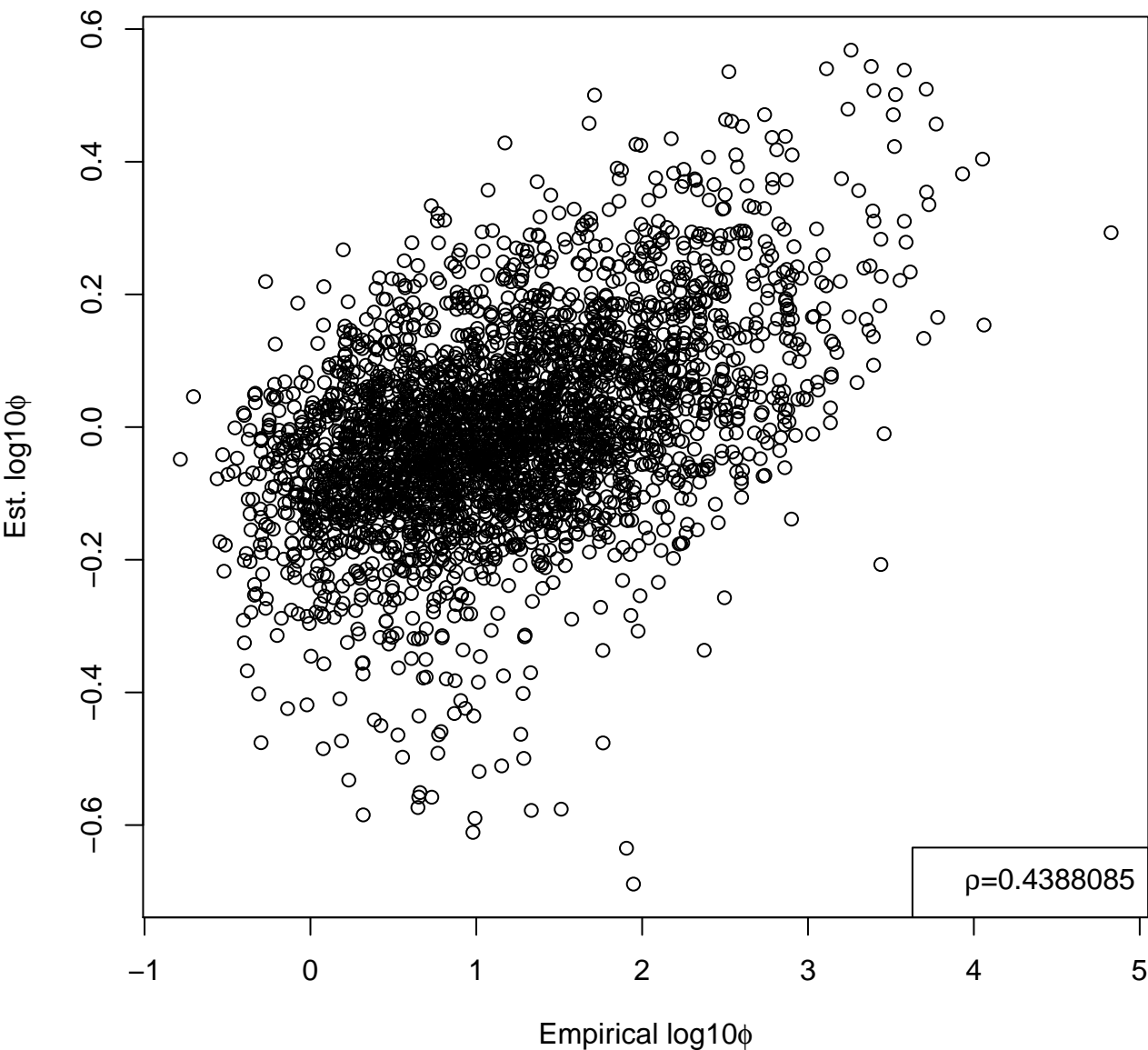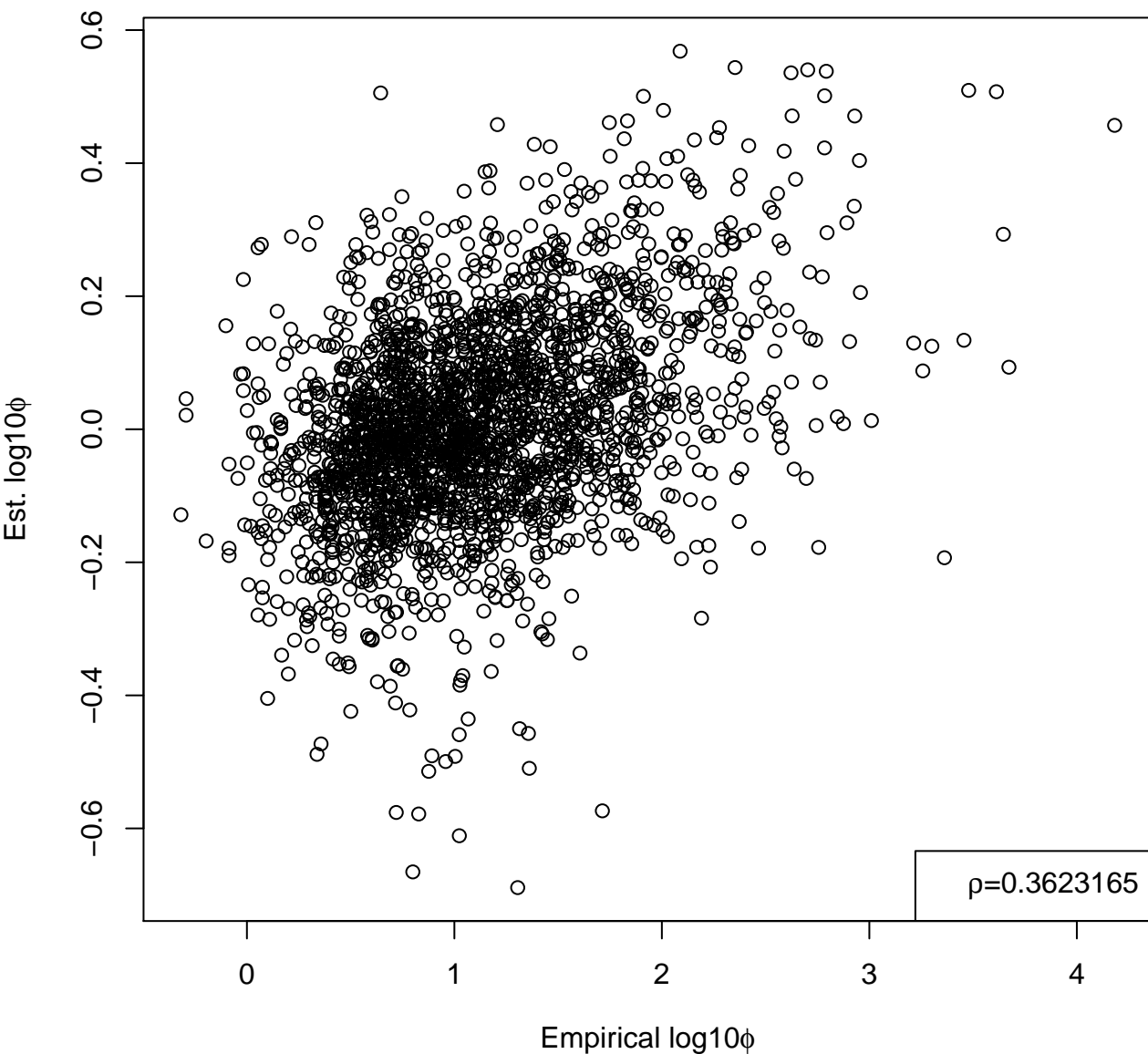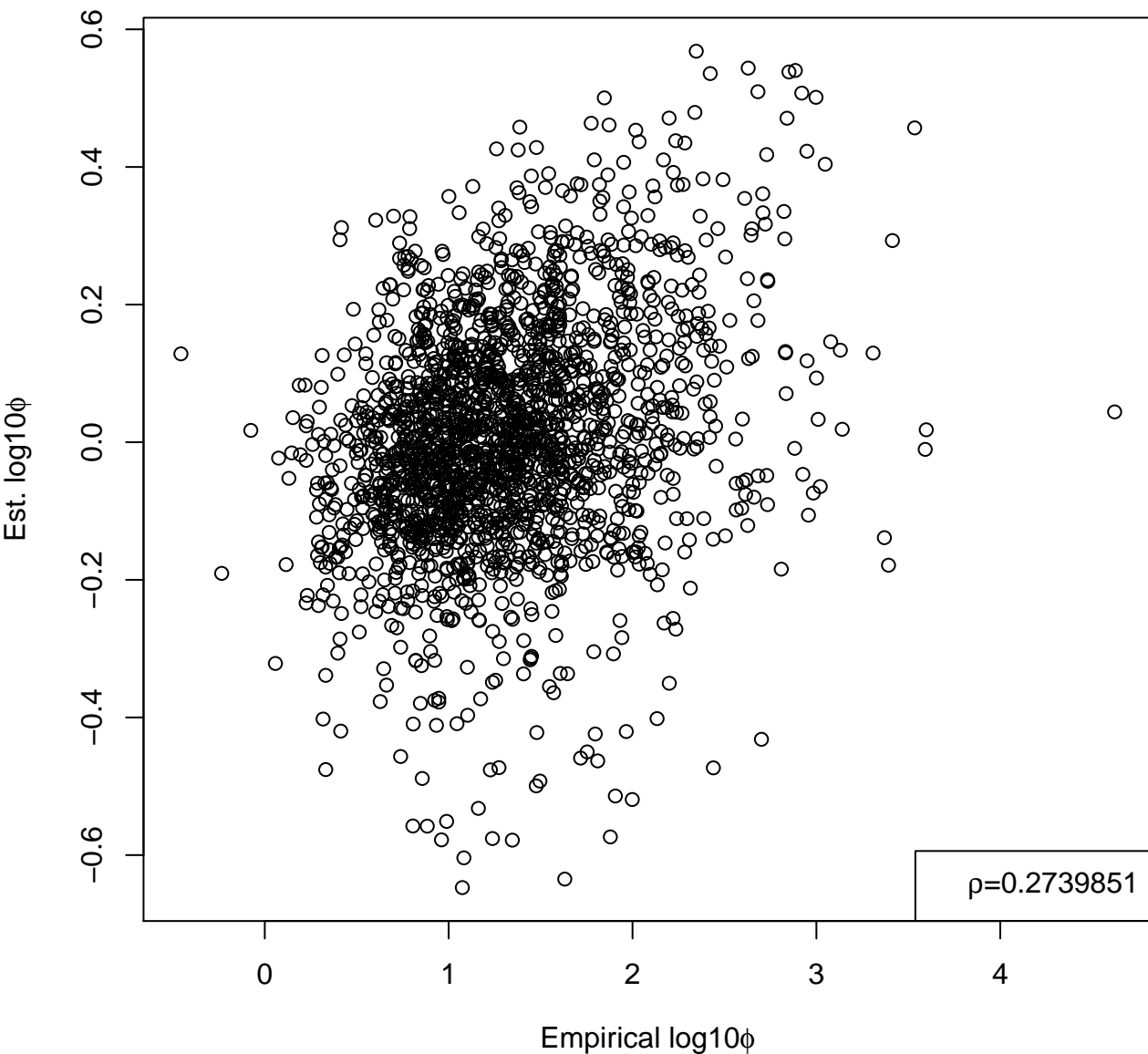
Est. log10φ

Empirical log10φ

ρ=0.4388085

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_147, GSM2469715, 26, stationary, glucose, 0.005, lowMg, 5, baseNa, 25, MgSO4_stress_low

Est. log10ϕ

Empirical log10ϕ

ρ=0.3623165

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_148, GSM2469716, 26, stationary, glucose, 0.01, lowMg, 5, baseNa, 25, MgSO4_stress_low

Est. log10ϕ

Empirical log10ϕ

ρ=0.2739851

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

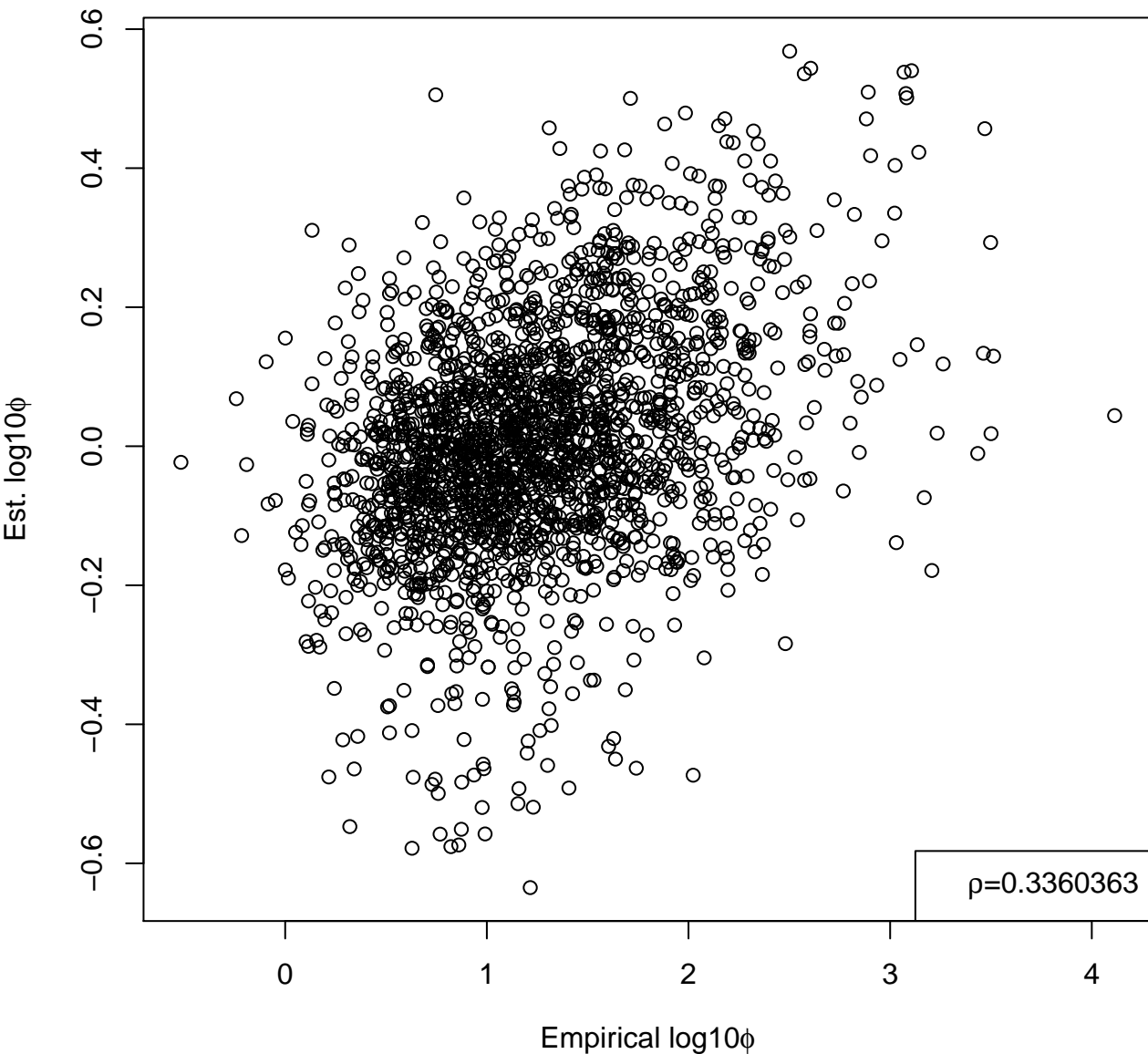**MURI_149, GSM2469717, 26, stationary, glucose, 0.02, lowMg, 5, baseNa, 25, MgSO4_stress_low**

Est. log10ϕ
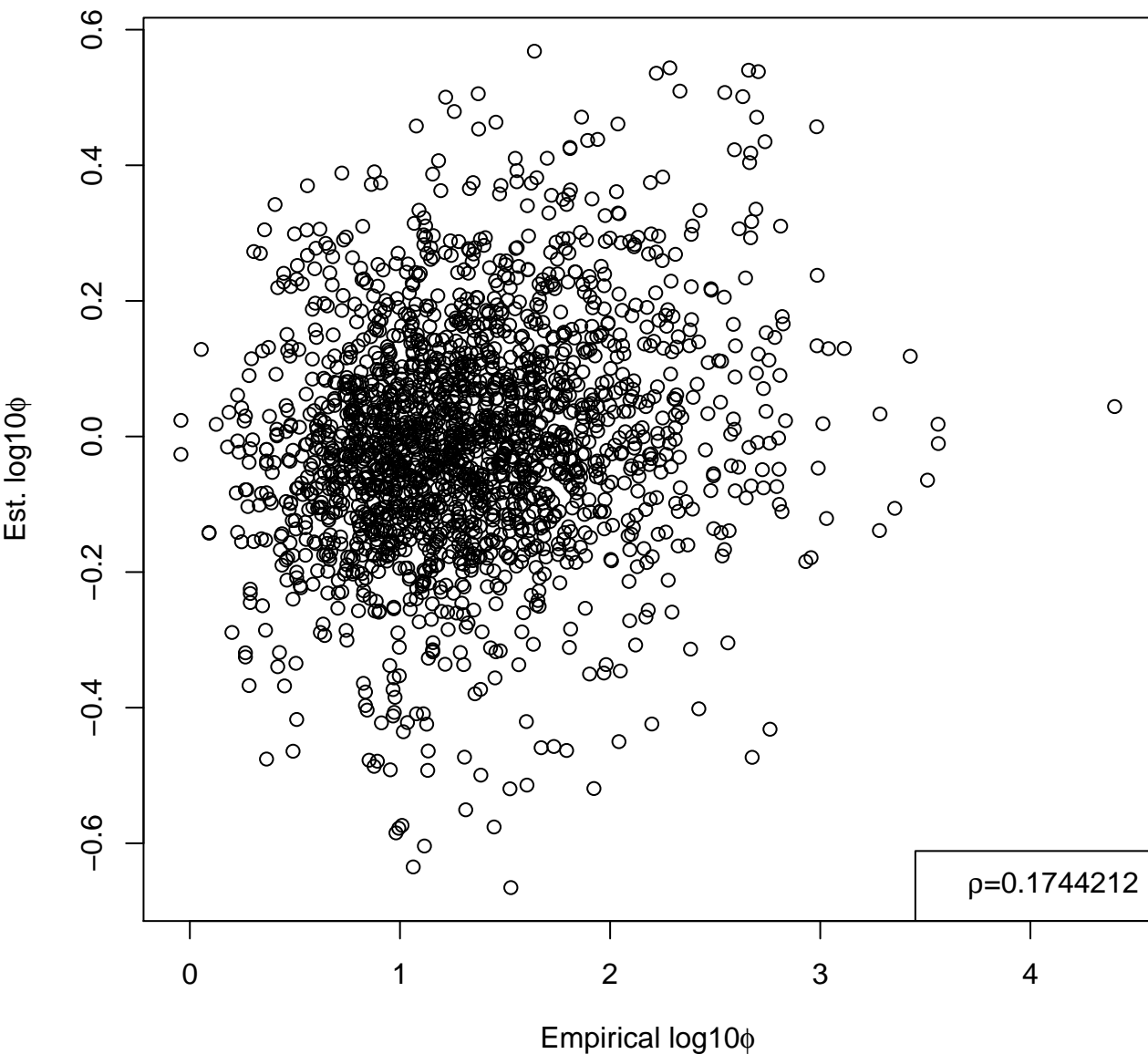
Empirical log10ϕ

ρ=0.3360363

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_150, GSM2469718, 26, stationary, glucose, 0.04, lowMg, 5, baseNa, 25, MgSO4_stress_low

Est. log10ϕ

$\rho=0.1744212$

Empirical log10ϕ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

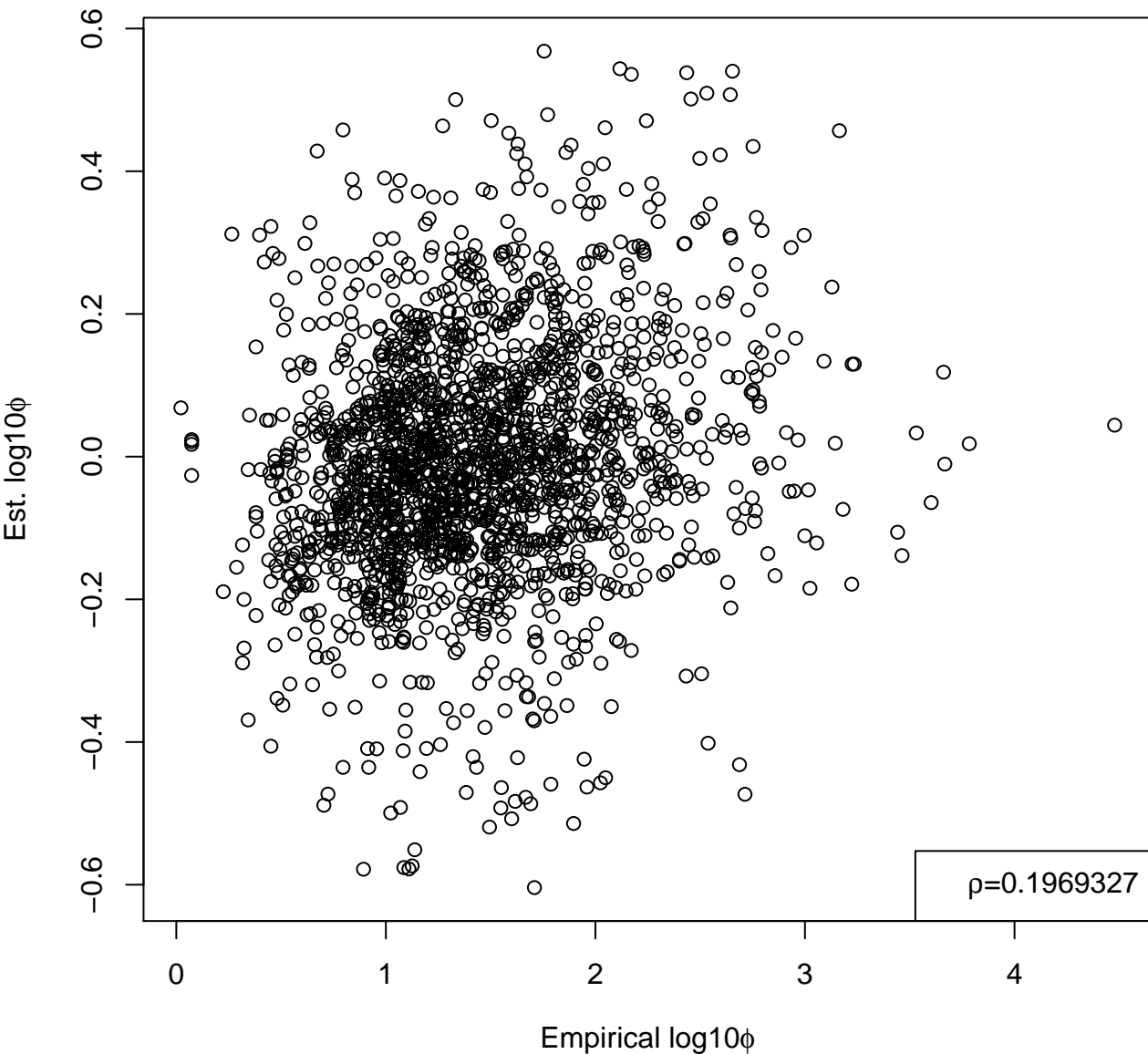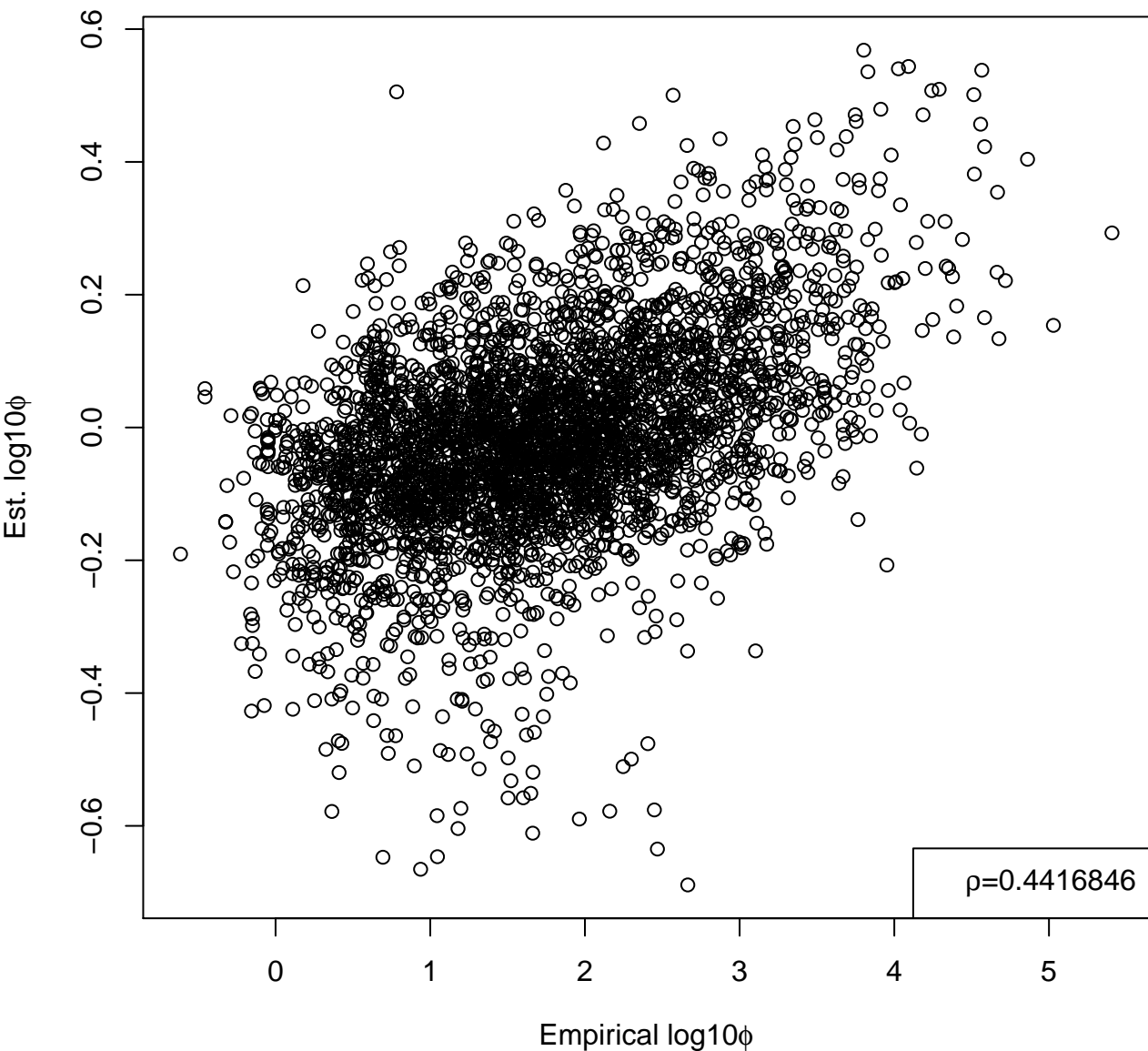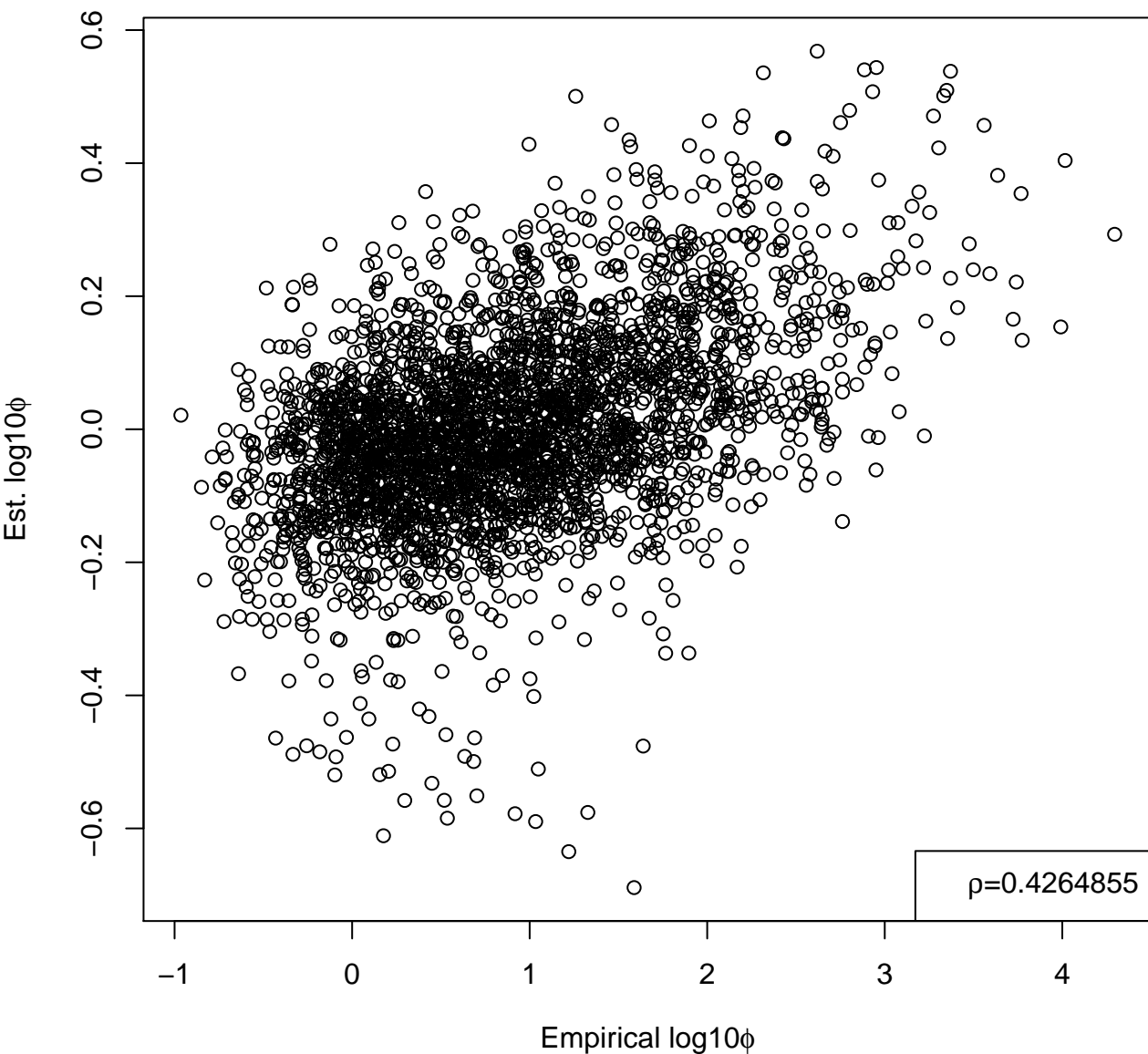**MURI_151, GSM2469719, 26, stationary, glucose, 0.08, lowMg, 5, baseNa, 25, MgSO4_stress_low**

Est. log10ϕ

Empirical log10ϕ

ρ=0.1969327

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_152, GSM2469720, 5, exponential, glucose, 0.005, lowMg, 5, baseNa, 26, MgSO4_stress_low

Est. log10φ

ρ=0.4416846

Empirical log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_153, GSM2469721, 5.5, exponential, glucose, 0.01, lowMg, 5, baseNa, 26, MgSO4_stress_low

Est. log10φ (y-axis)

Empirical log10φ (x-axis)

ρ=0.4264855

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

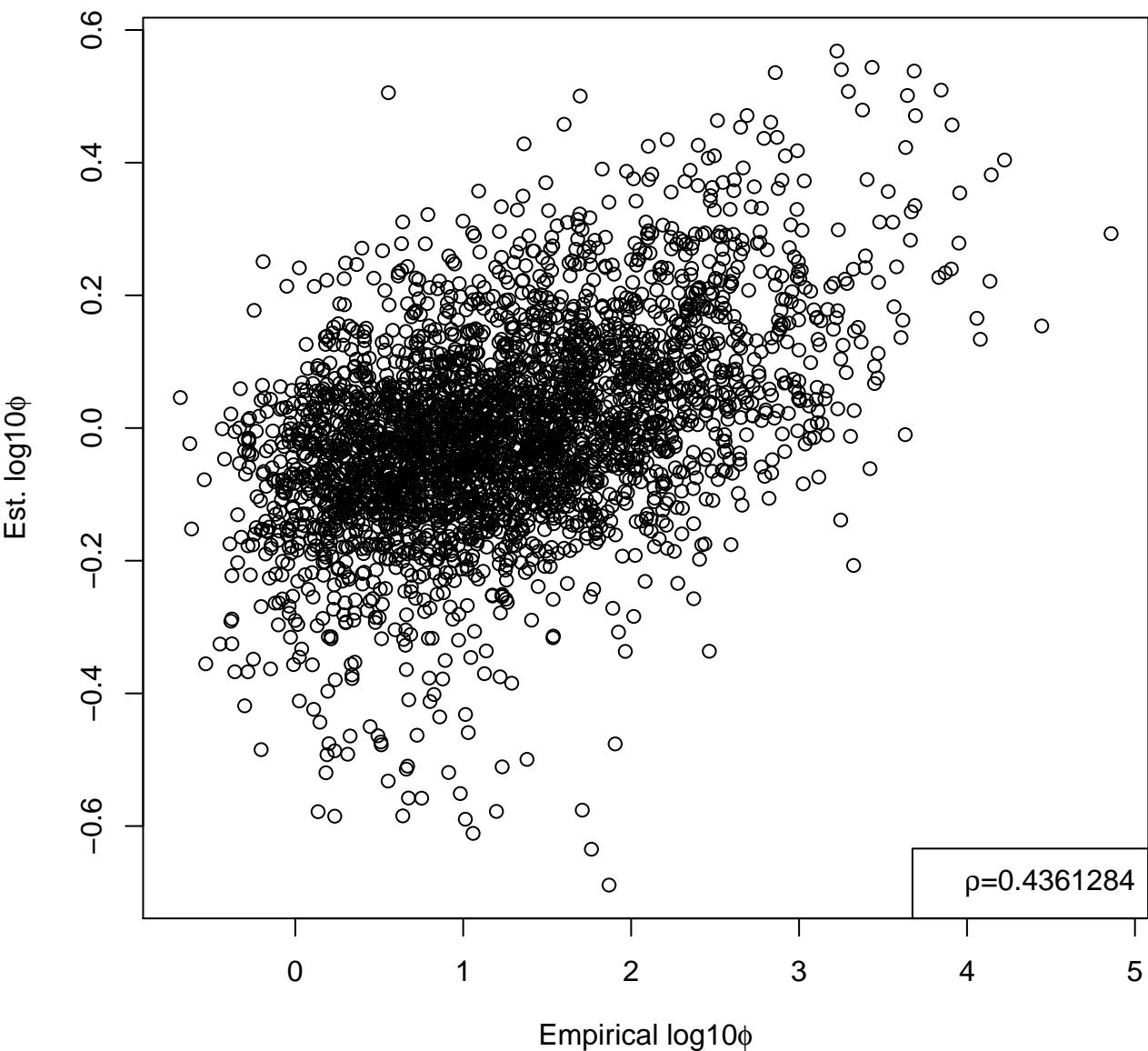**MURI_154, GSM2469722, 5.5, exponential, glucose, 0.02, lowMg, 5, baseNa, 26, MgSO4_stress_low**

ρ=0.4361284

Est. log10φ

Empirical log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

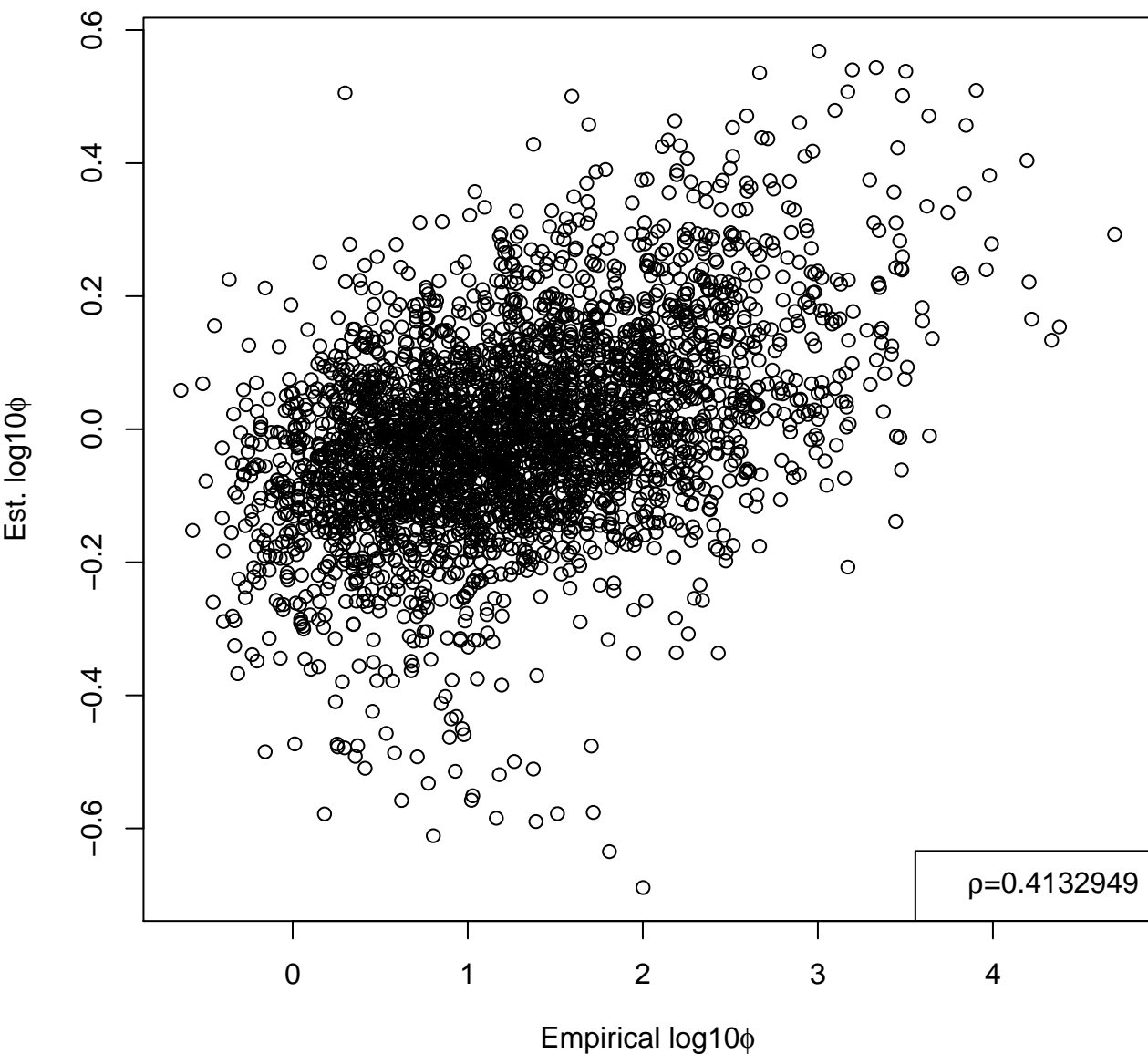**MURI_155, GSM2469723, 5.5, exponential, glucose, 0.04, lowMg, 5, baseNa, 26, MgSO4_stress_low**

ρ=0.4132949

Empirical log10φ

Est. log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

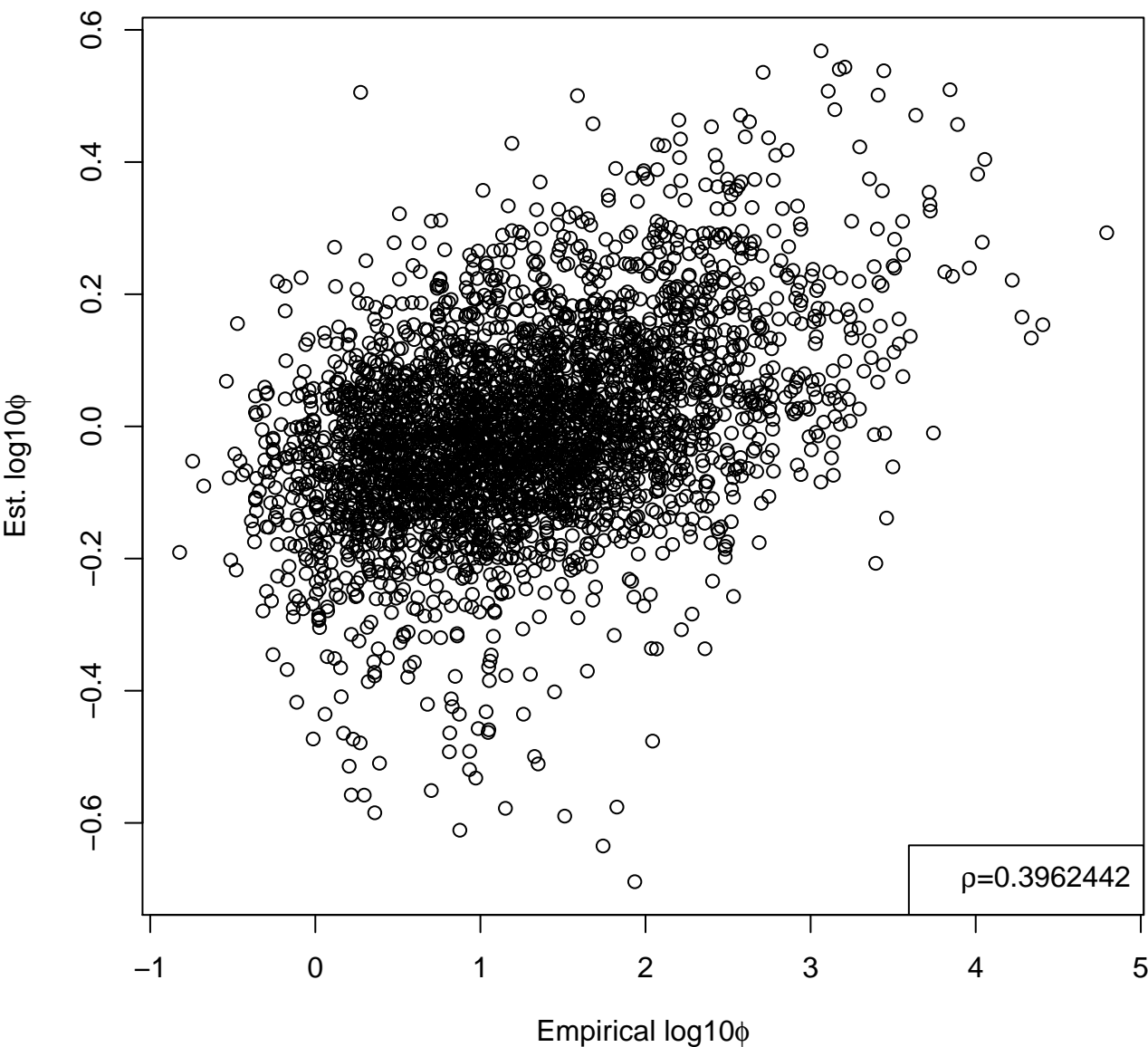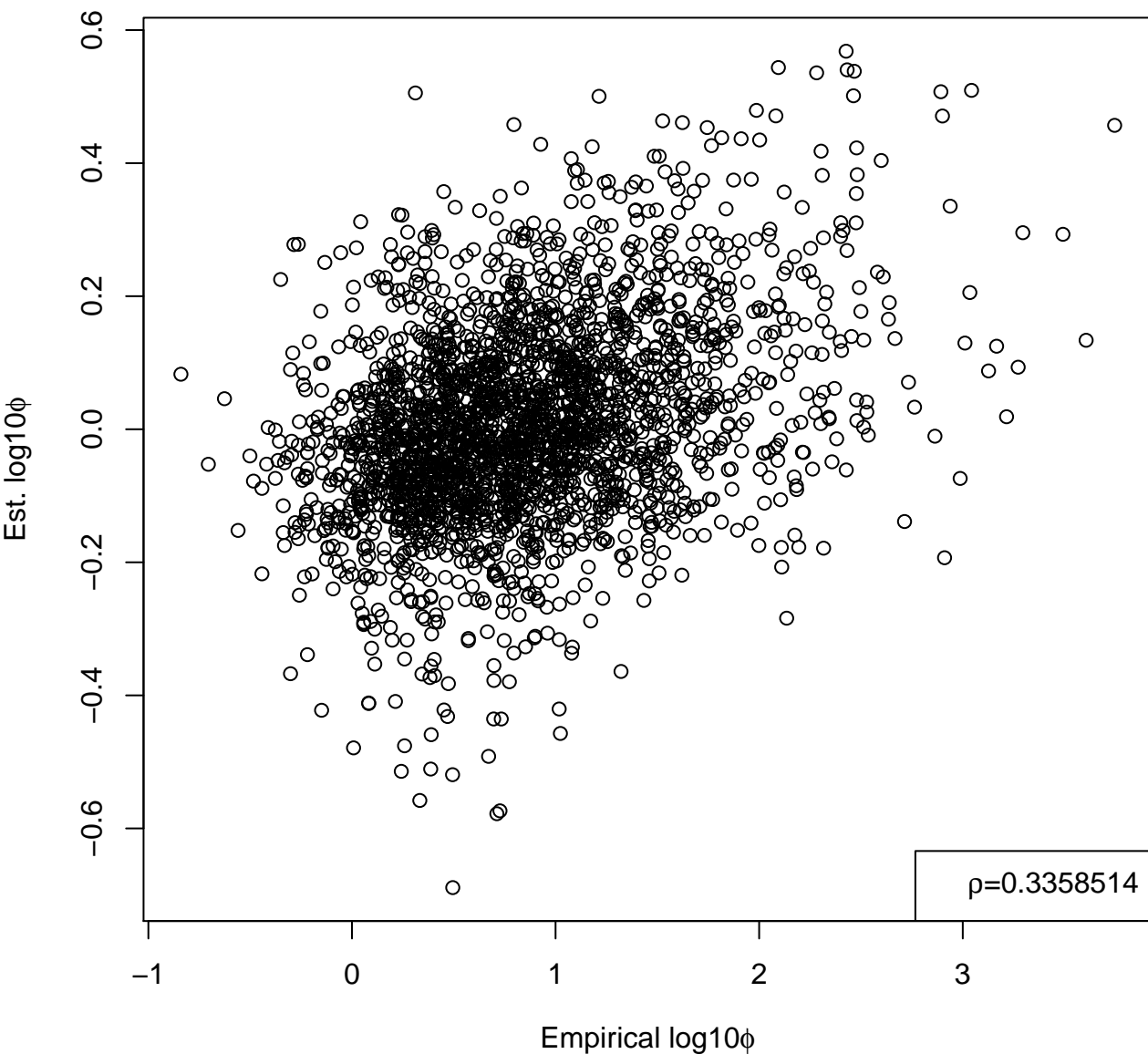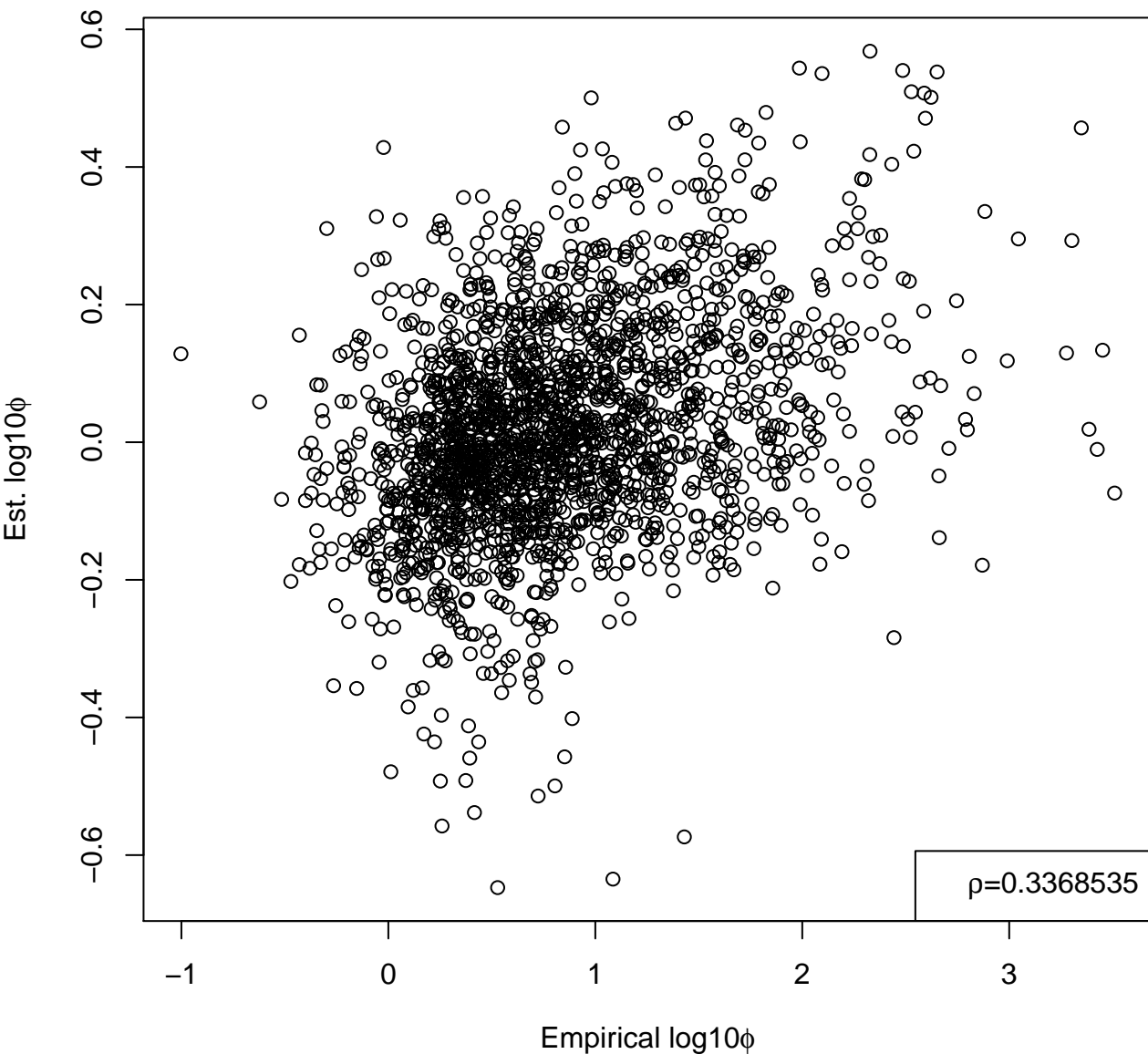**MURI_156, GSM2469724, 5.5, exponential, glucose, 0.08, lowMg, 5, baseNa, 26, MgSO4_stress_low**

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_157, GSM2469725, 26, stationary, glucose, 0.005, lowMg, 5, baseNa, 26, MgSO4_stress_low

Est. log10ϕ

Empirical log10ϕ

ρ=0.3358514

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_158, GSM2469726, 26, stationary, glucose, 0.01, lowMg, 5, baseNa, 26, MgSO4_stress_low

Empirical log10φ
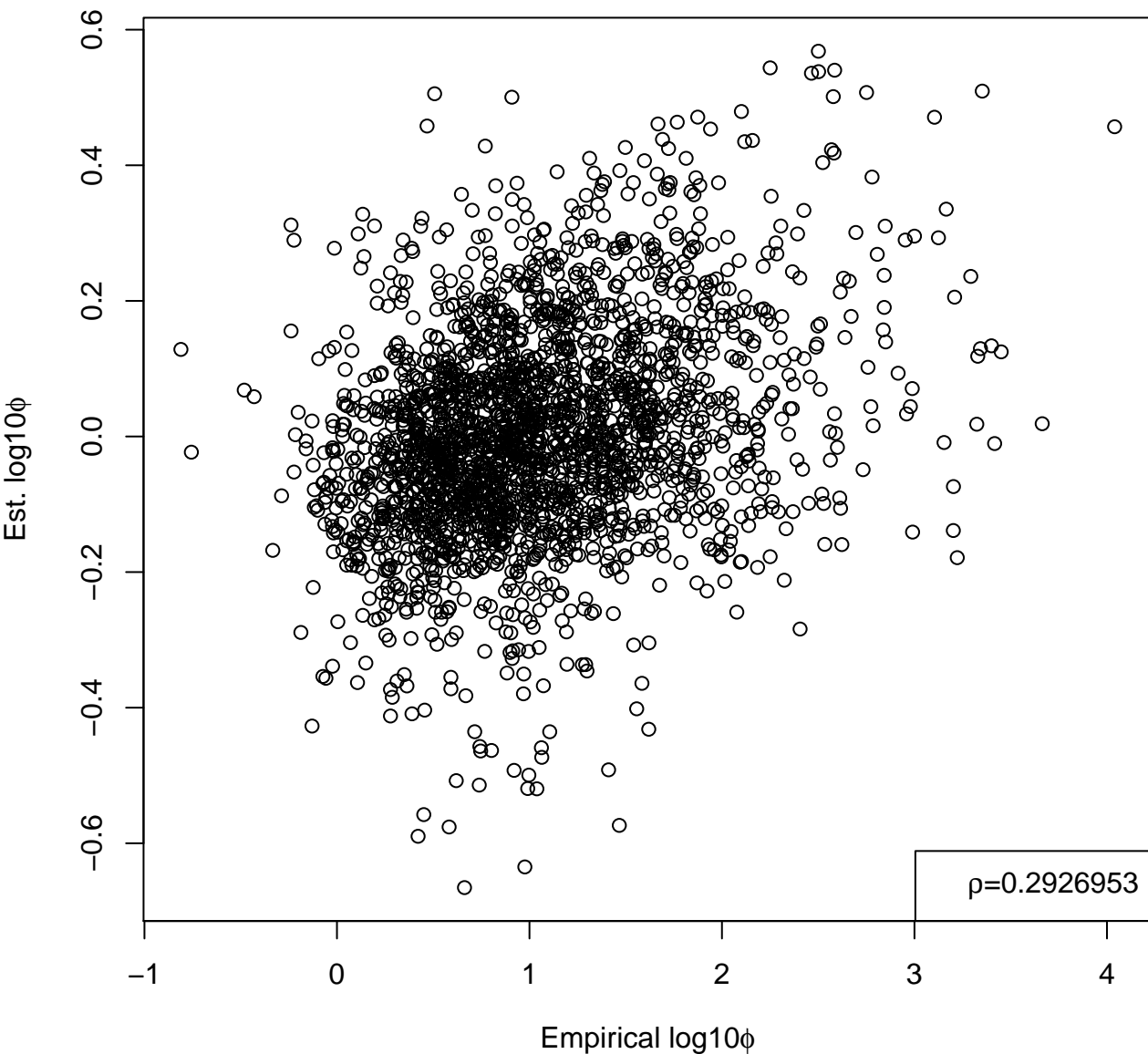
Est. log10φ

ρ=0.3368535

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_159, GSM2469727, 26, stationary, glucose, 0.02, lowMg, 5, baseNa, 26, MgSO4_stress_low

Est. log10ϕ
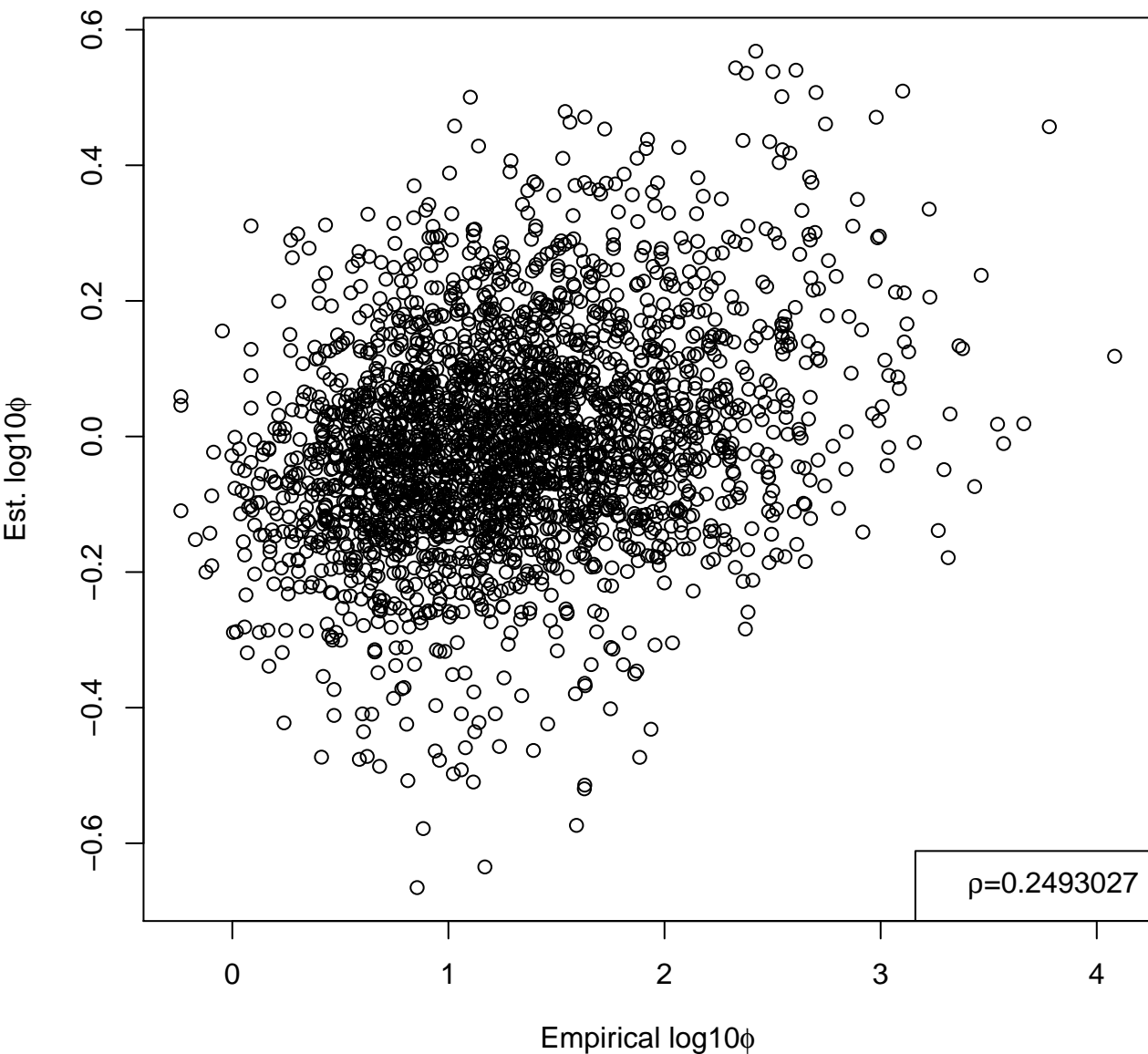
Empirical log10ϕ

ρ=0.2926953

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_160, GSM2469728, 26, stationary, glucose, 0.04, lowMg, 5, baseNa, 26, MgSO4_stress_low

Est. log10φ

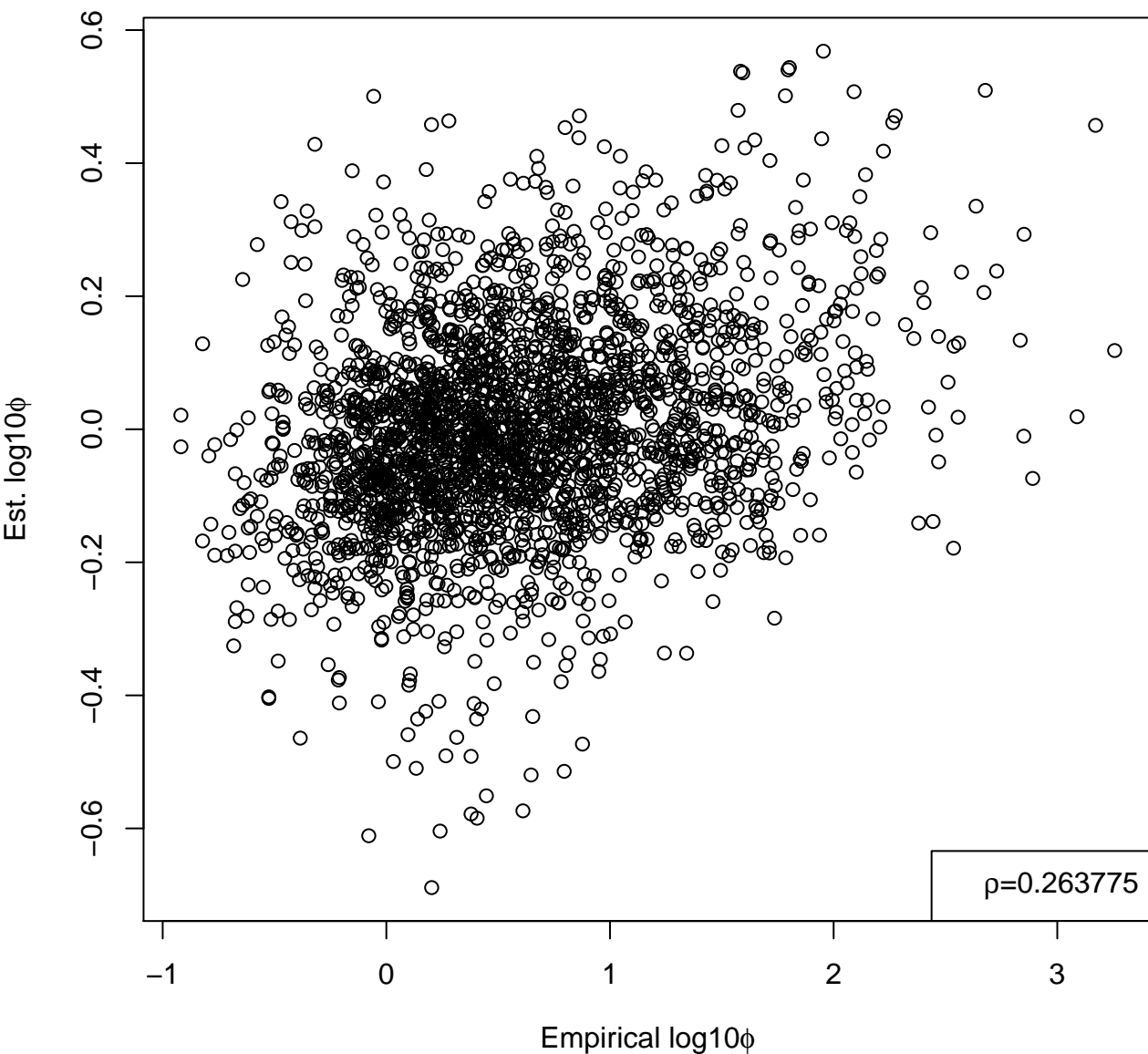ρ=0.2493027

Empirical log10φ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_161, GSM2469729, 26, stationary, glucose, 0.08, lowMg, 5, baseNa, 26, MgSO4_stress_low
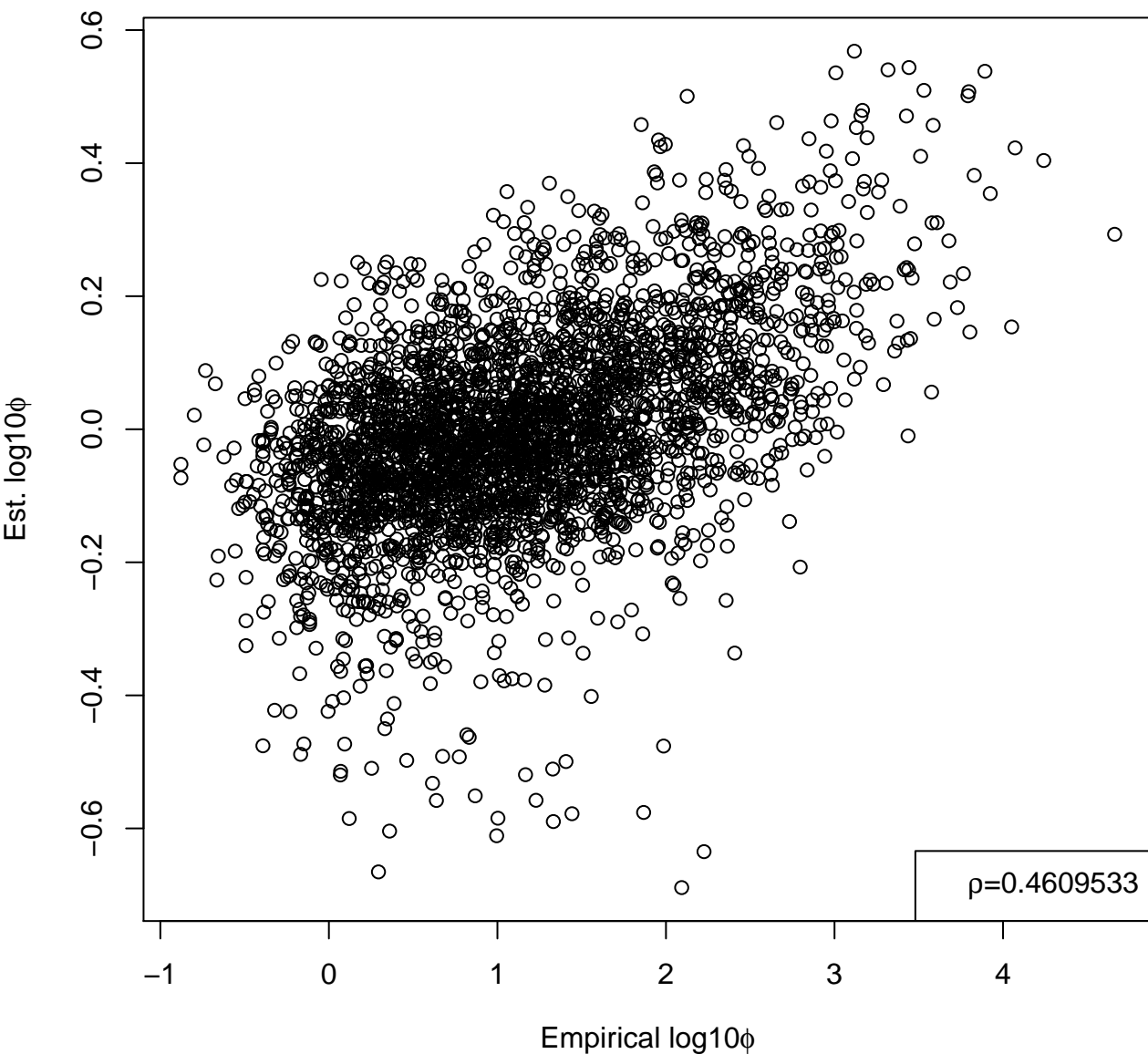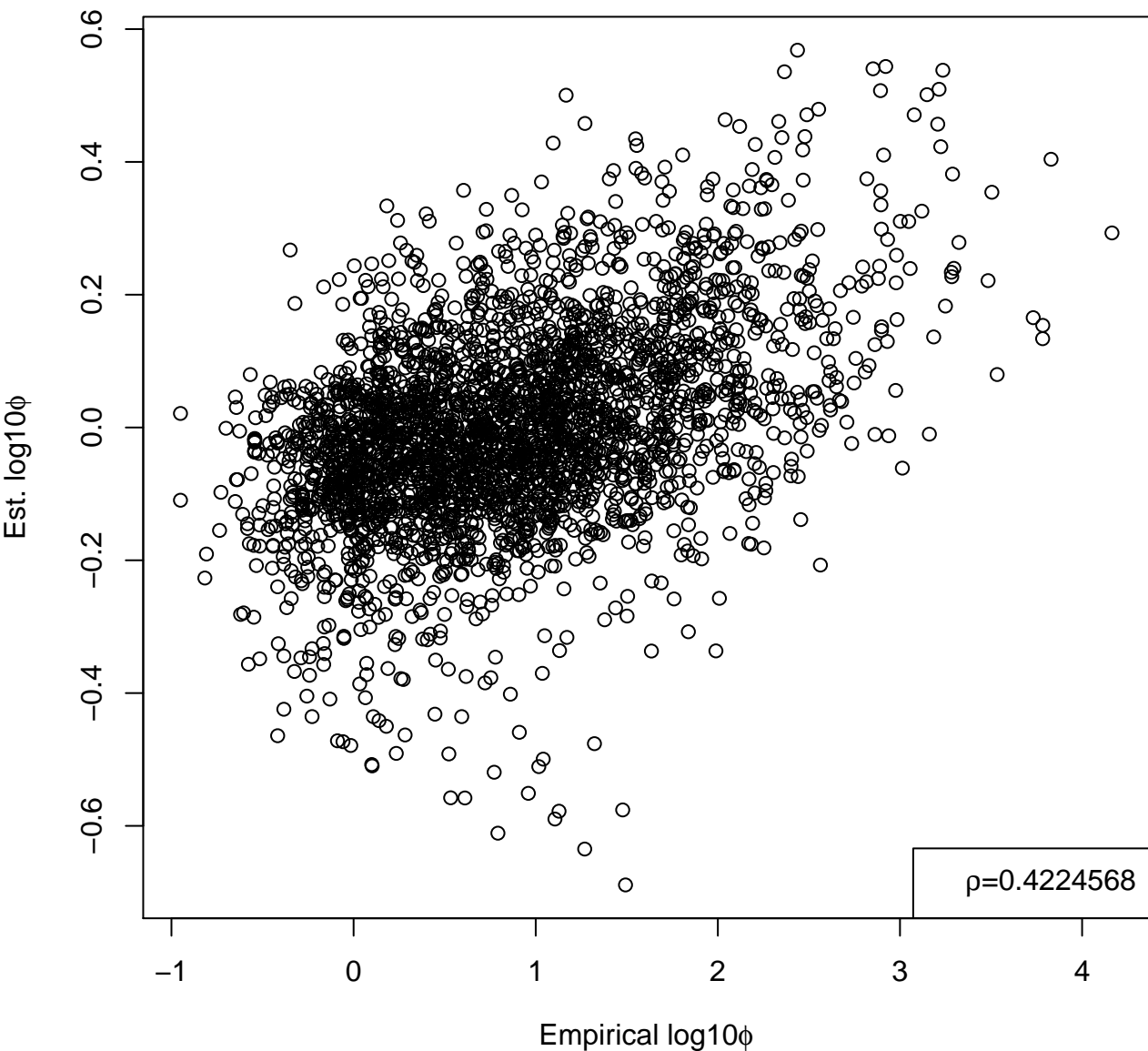
Est. log10ϕ

Empirical log10ϕ

ρ=0.263775

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_162, GSM2469730, 5, exponential, glucose, 0.005, lowMg, 5, baseNa, 27, MgSO4_stress_low

Est. log10ϕ

ρ=0.4609533

Empirical log10ϕ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_163, GSM2469731, 5.5, exponential, glucose, 0.01, lowMg, 5, baseNa, 27, MgSO4_stress_low

ρ=0.4224568

Empirical log10ϕ

Est. log10ϕ

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

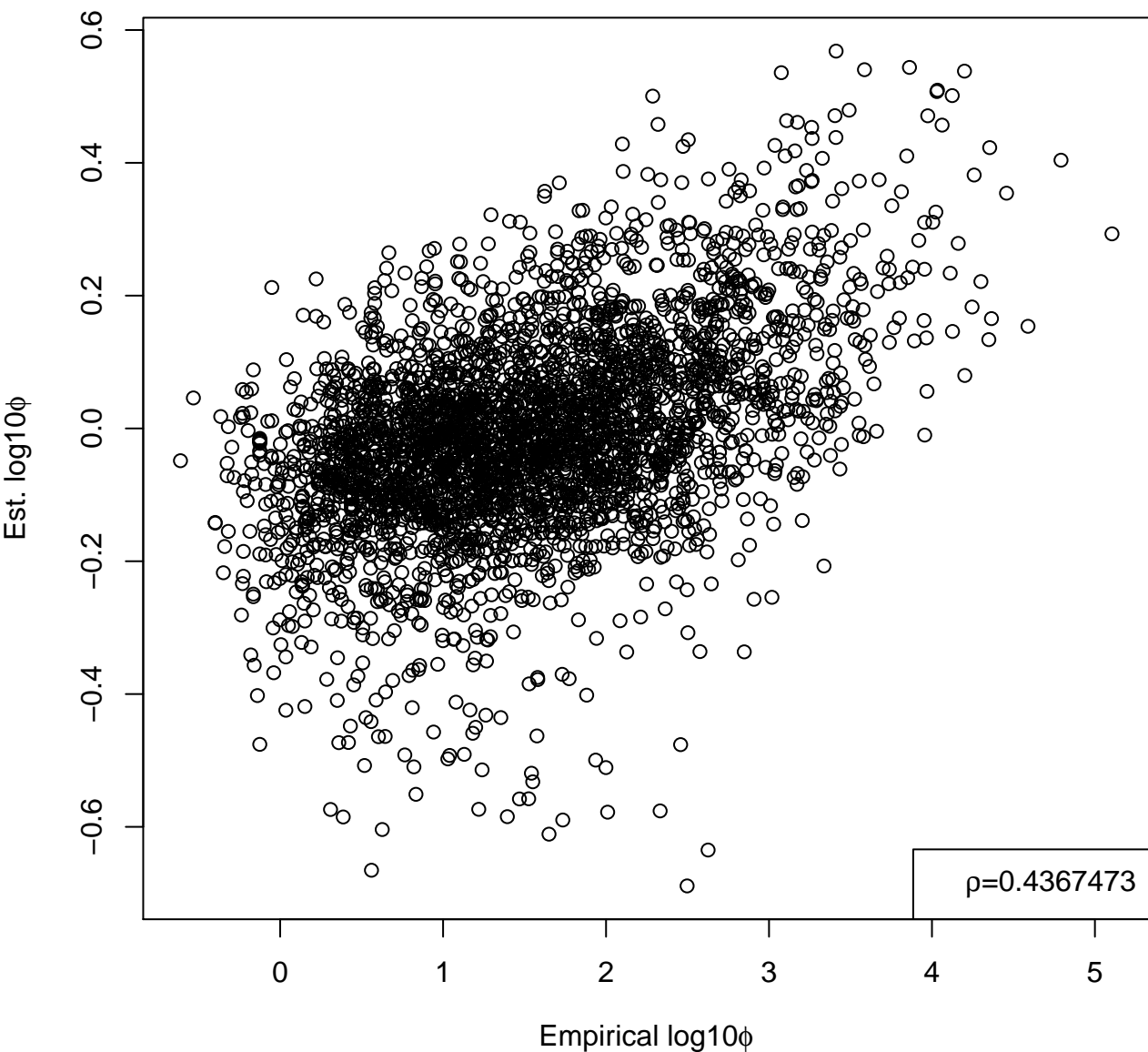**MURI_164, GSM2469732, 5.5, exponential, glucose, 0.02, lowMg, 5, baseNa, 27, MgSO4_stress_low**

Est. log10φ
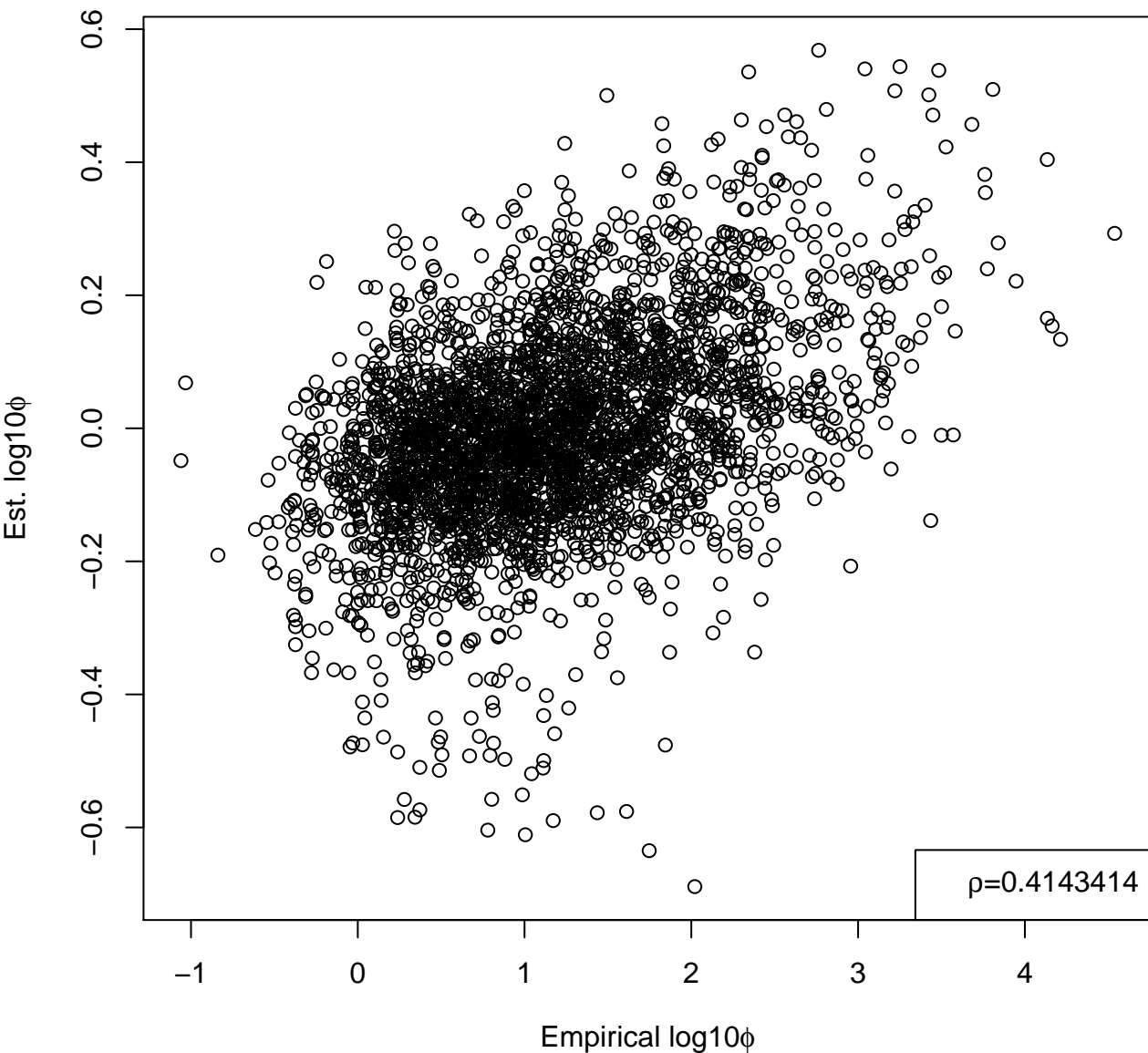
Empirical log10φ

ρ=0.4367473

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_165, GSM2469733, 5.5, exponential, glucose, 0.04, lowMg, 5, baseNa, 27, MgSO4_stress_low
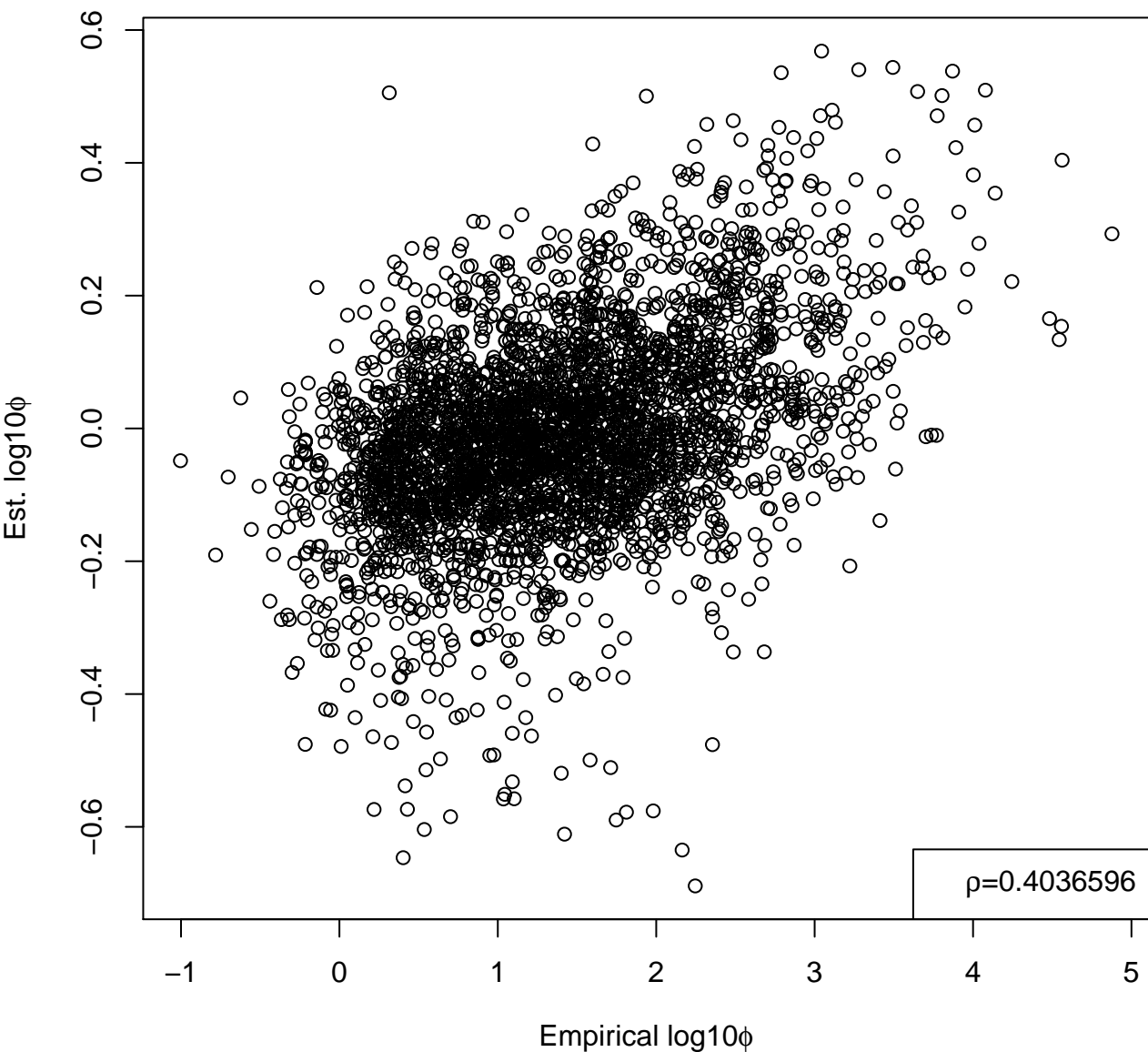
Est. log10φ

Empirical log10φ

ρ=0.4143414

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

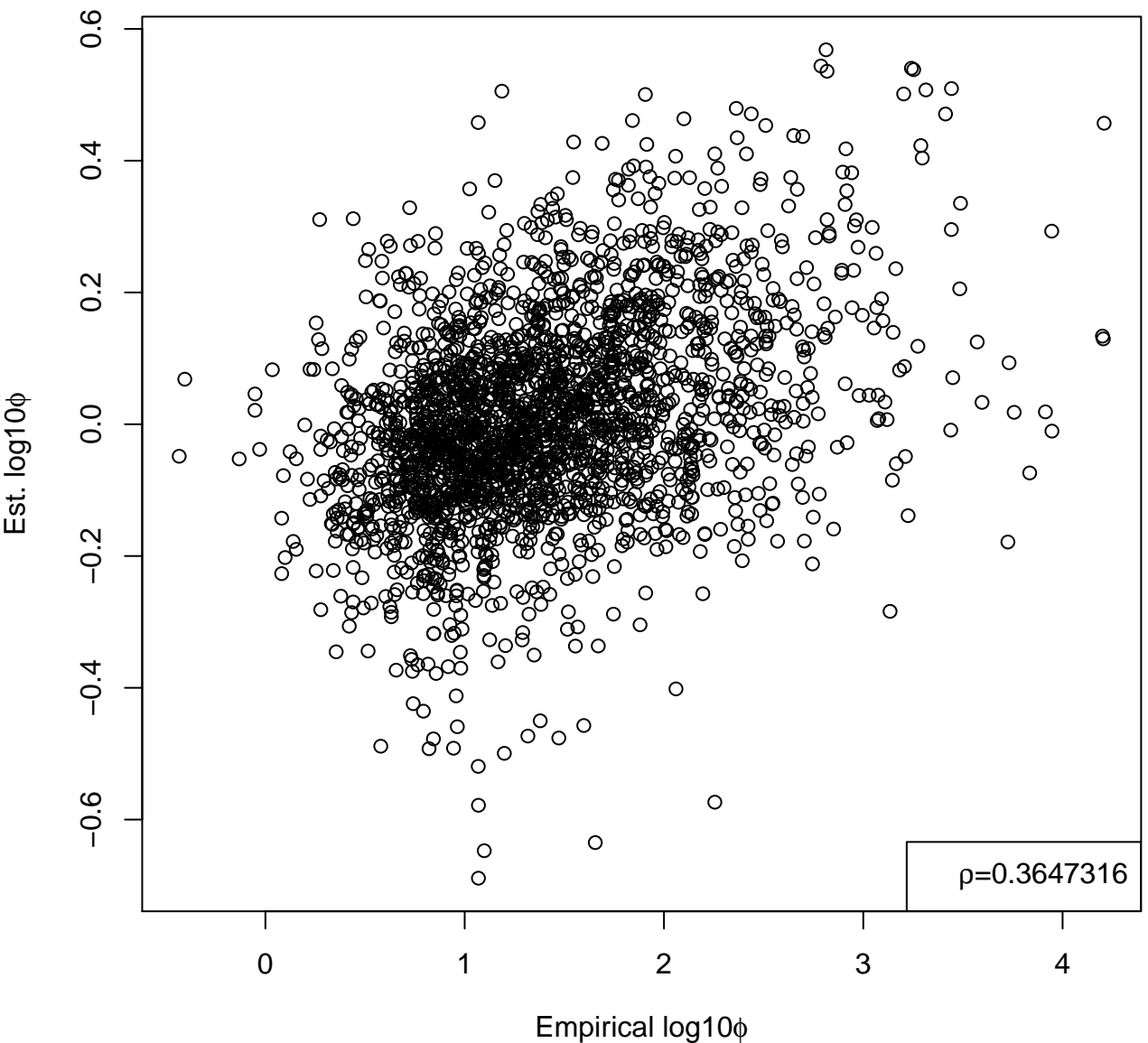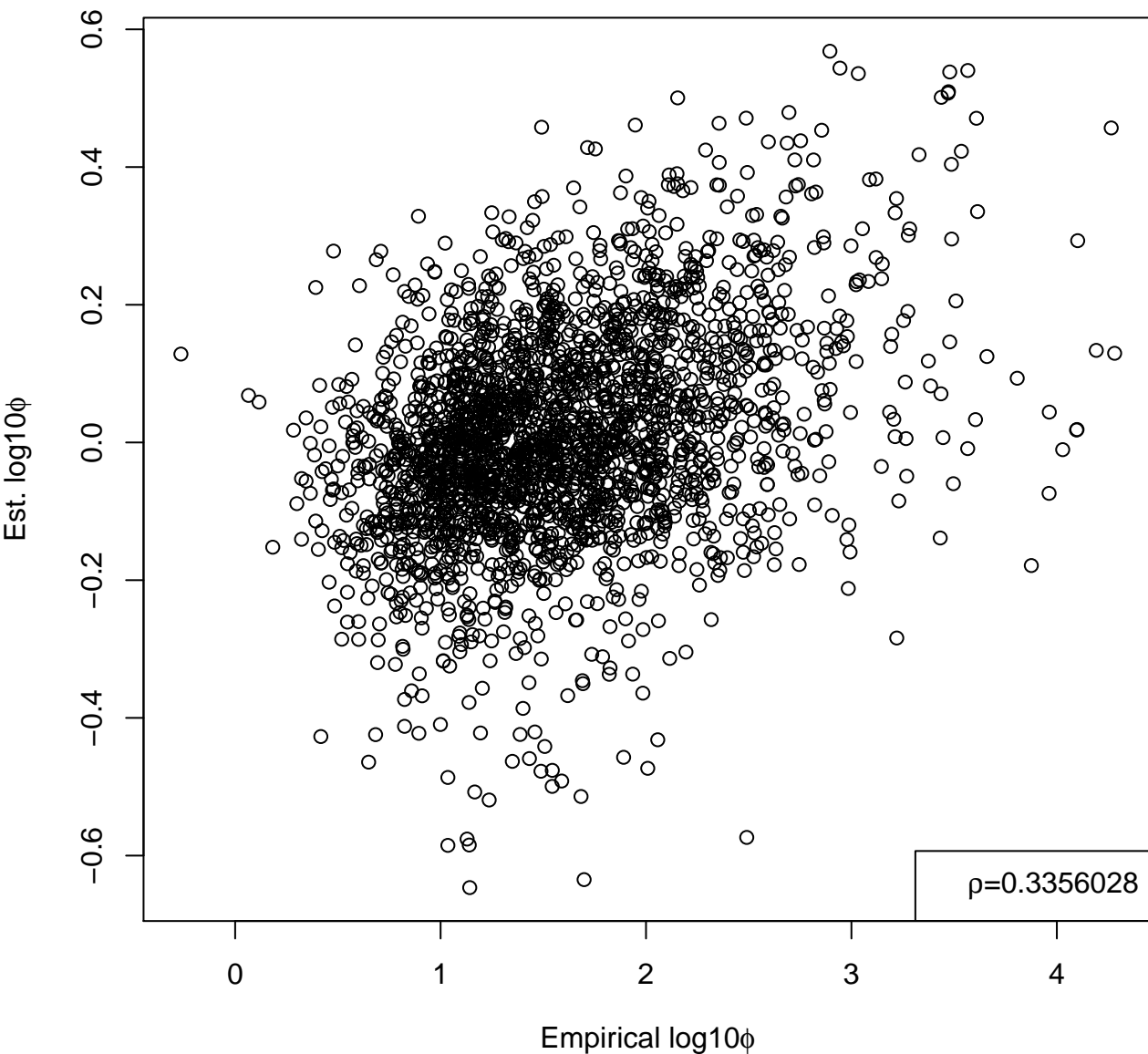**MURI_166, GSM2469734, 5.5, exponential, glucose, 0.08, lowMg, 5, baseNa, 27, MgSO4_stress_low**

Est. log10φ

Empirical log10φ

ρ=0.4036596

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_167, GSM2469735, 26, stationary, glucose, 0.005, lowMg, 5, baseNa, 27, MgSO4_stress_low

Est. log10φ

Empirical log10φ

ρ=0.3647316

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

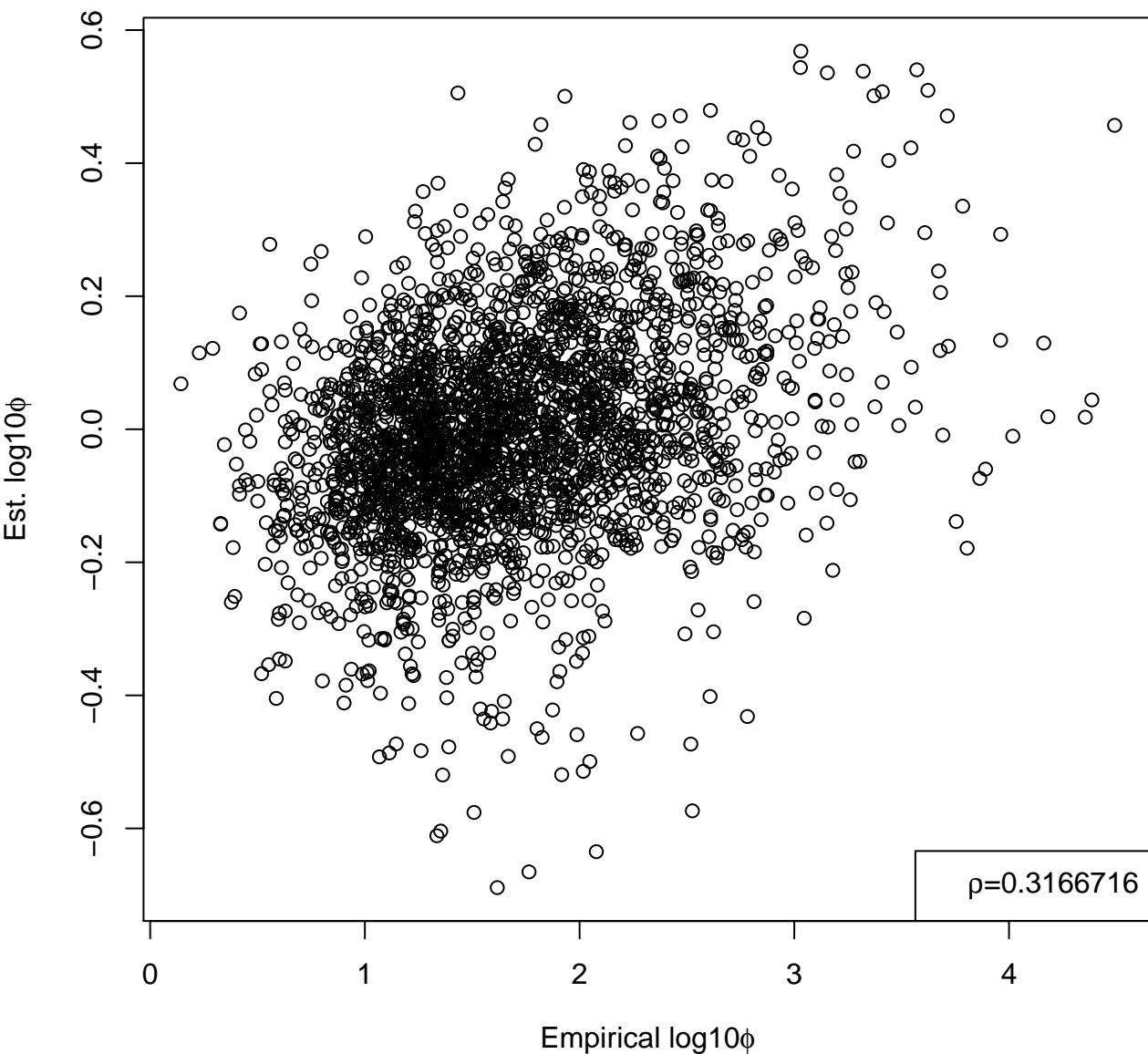**MURI_168, GSM2469736, 26, stationary, glucose, 0.01, lowMg, 5, baseNa, 27, MgSO4_stress_low**

Est. log10φ

Empirical log10φ

ρ=0.3356028

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_169, GSM2469737, 26, stationary, glucose, 0.02, lowMg, 5, baseNa, 27, MgSO4_stress_low

Est. log10φ

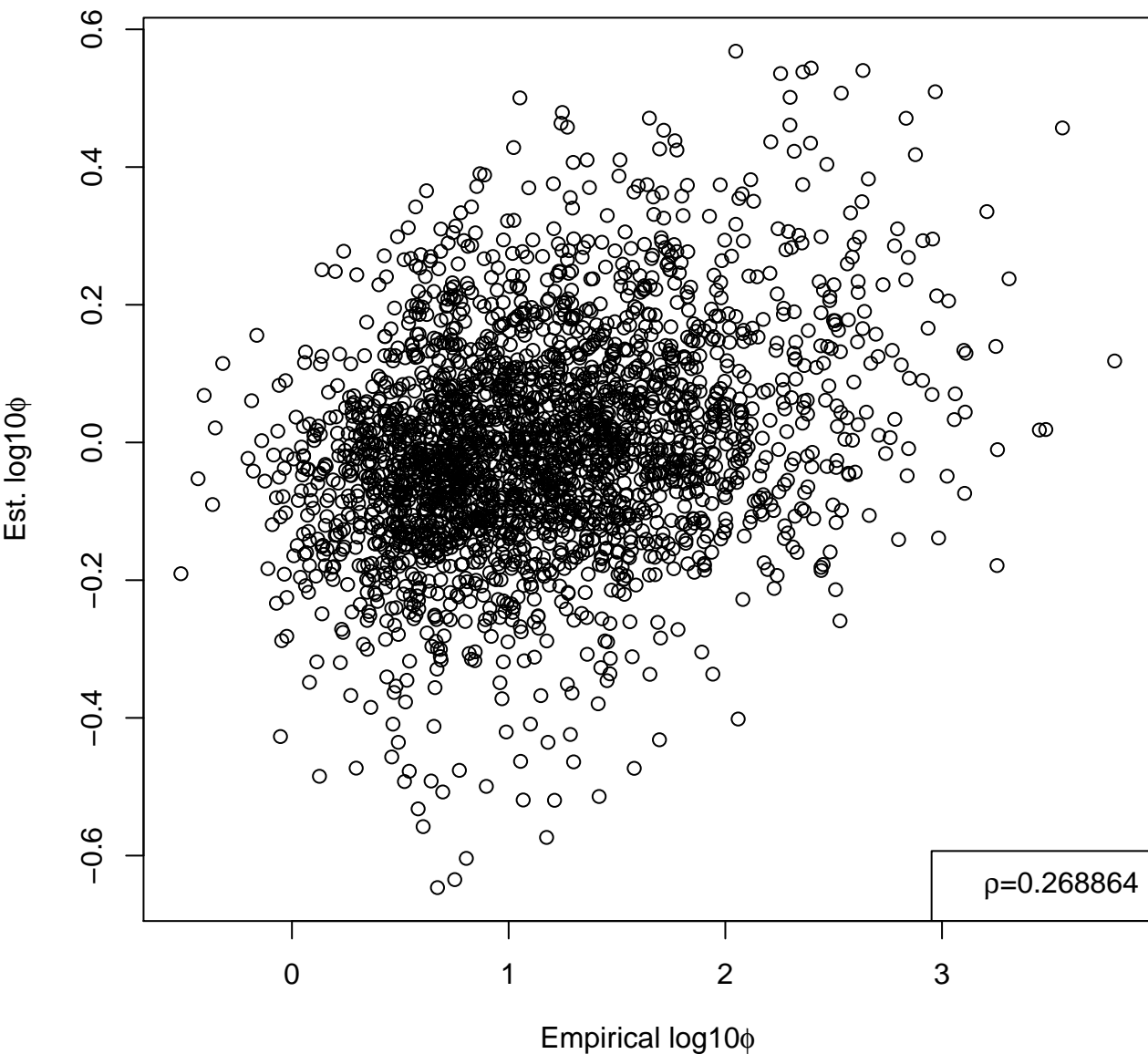Empirical log10φ

ρ=0.3166716

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_170, GSM2469738, 26, stationary, glucose, 0.04, lowMg, 5, baseNa, 27, MgSO4_stress_low
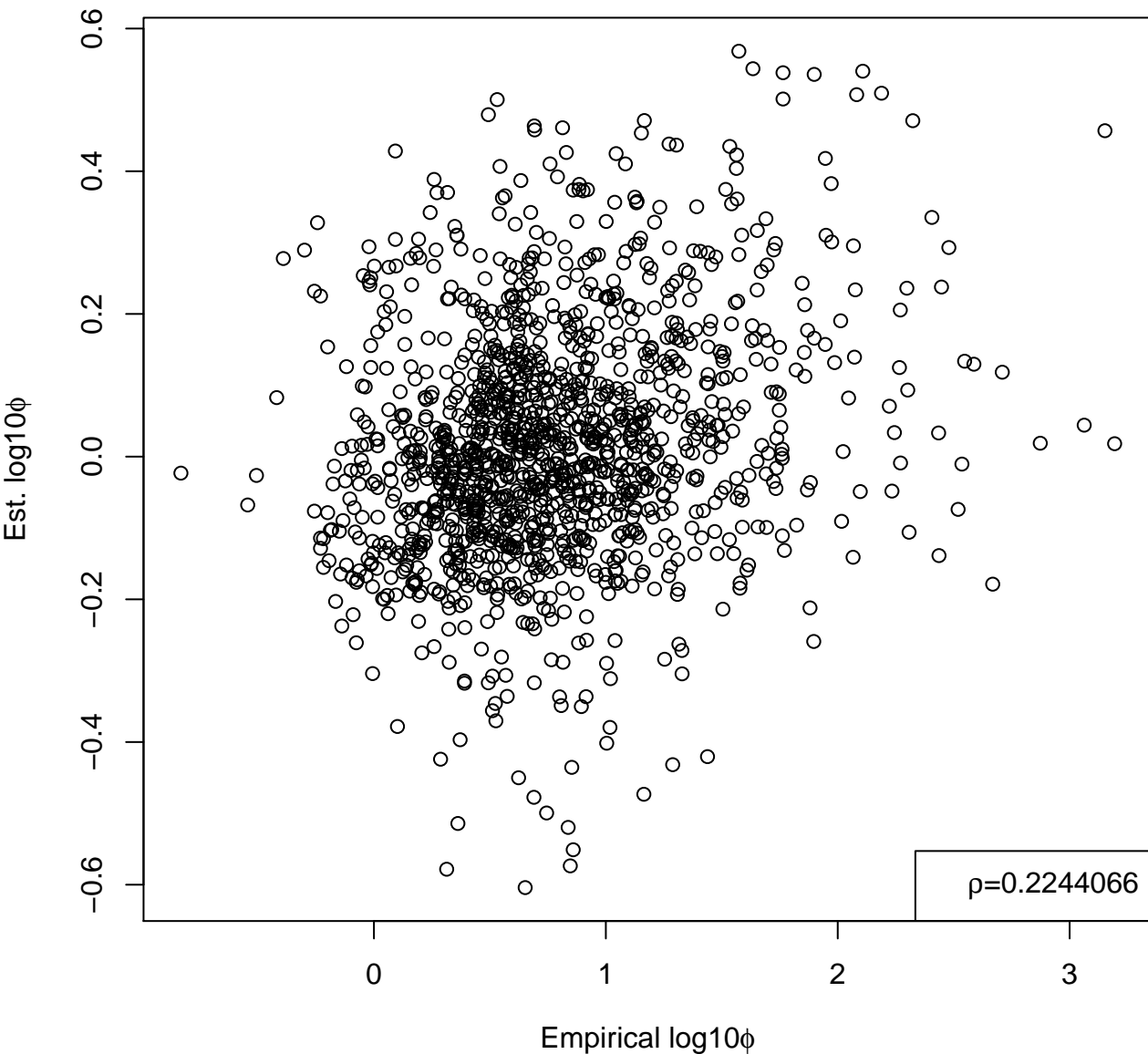
Est. log10φ

Empirical log10φ

ρ=0.268864

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description

MURI_171, GSM2469739, 26, stationary, glucose, 0.08, lowMg, 5, baseNa, 27, MgSO4_stress_low

Empirical log10φ

Est. log10φ

ρ=0.2244066

Sample_ID,Sample_Title,Growth Time,Growth Phase,Carbon Src,Mg+2(mm),Mg+2 levels,Na+2(mm),Na+2 levels,Batch,Description