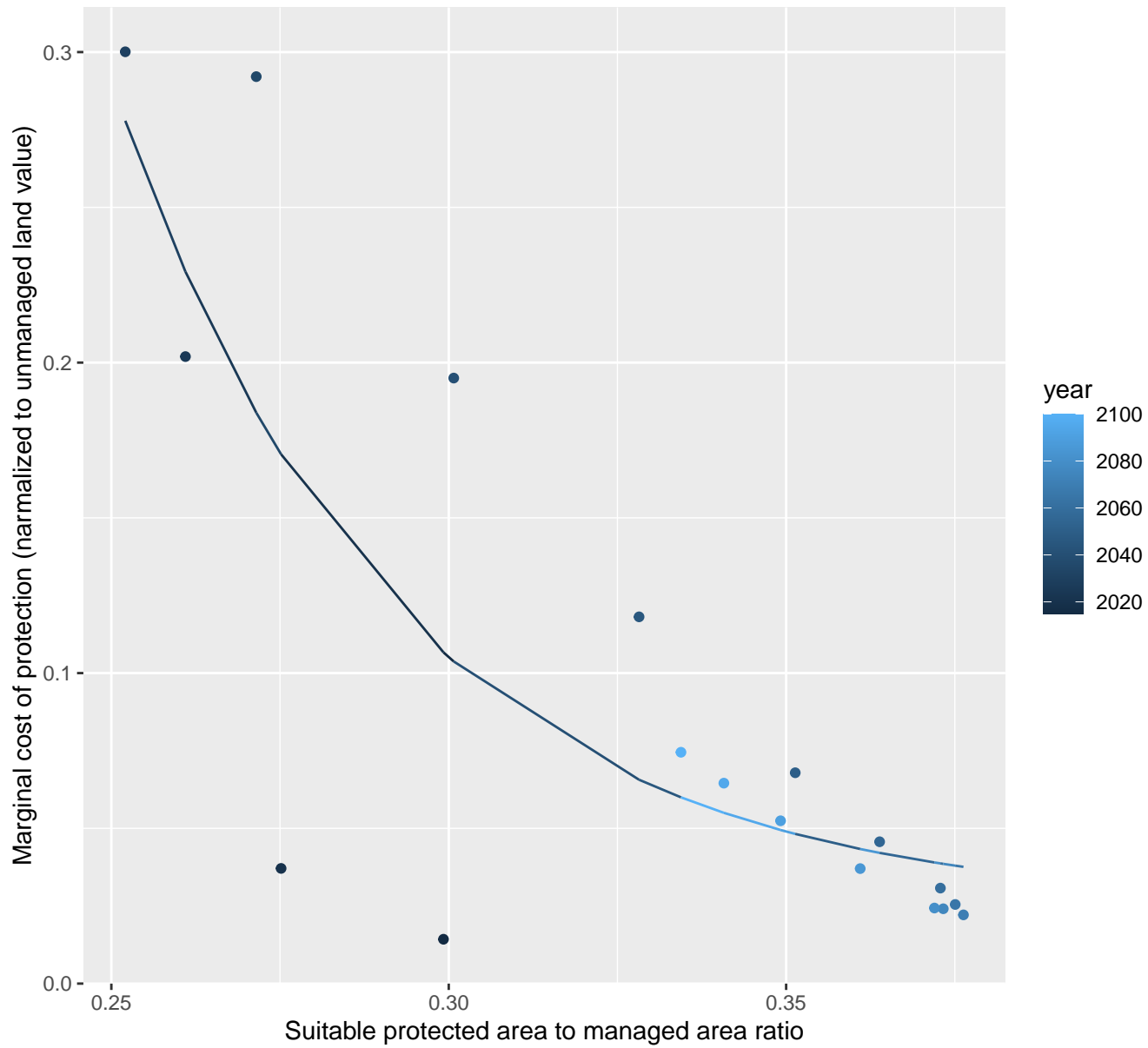Africa_Eastern marginal protection cost ratio

nls random pval = 0.00355
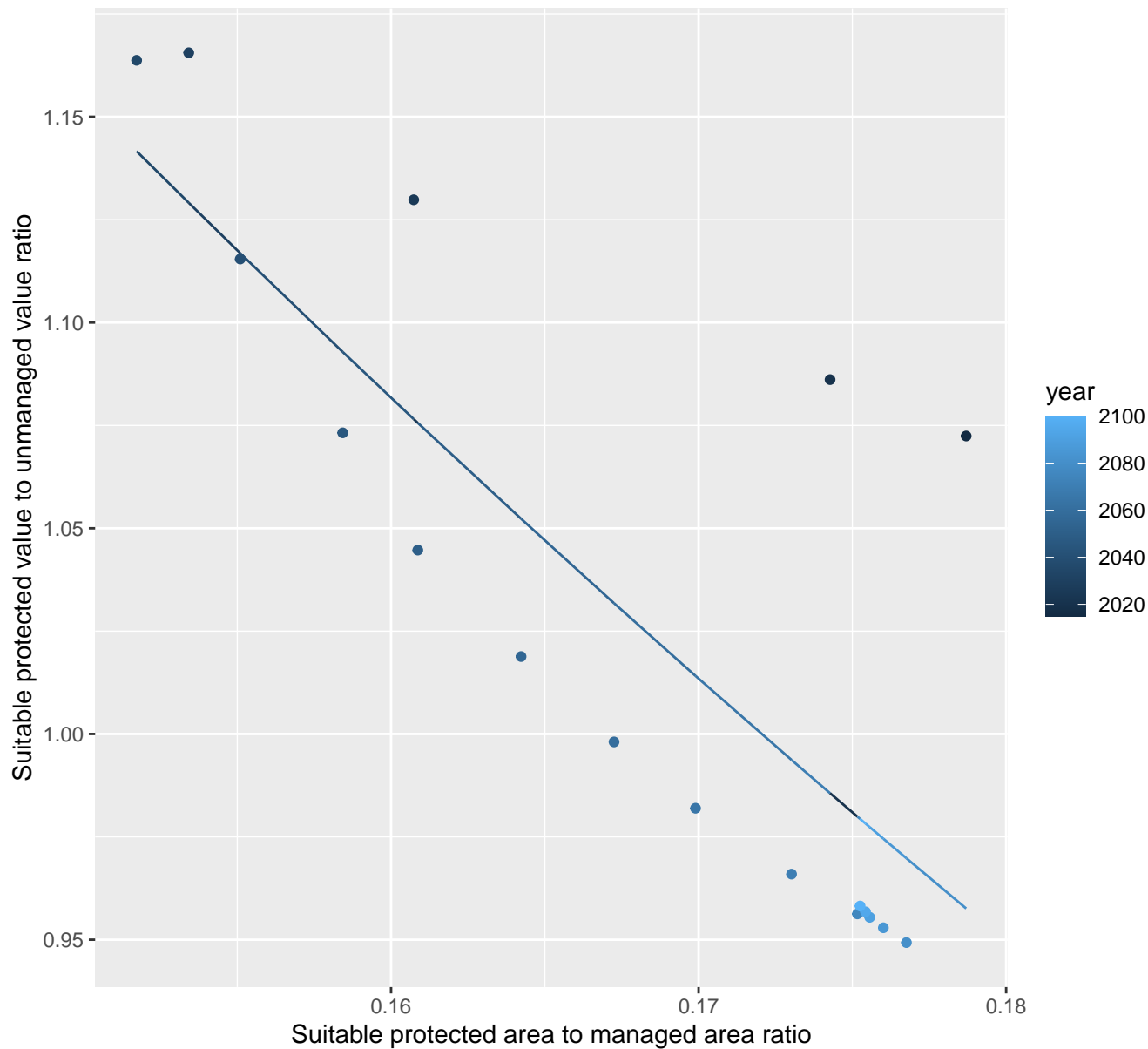y=0.02+104.52*exp(−23.89*x)

Africa_Northern marginal protection cost ratio

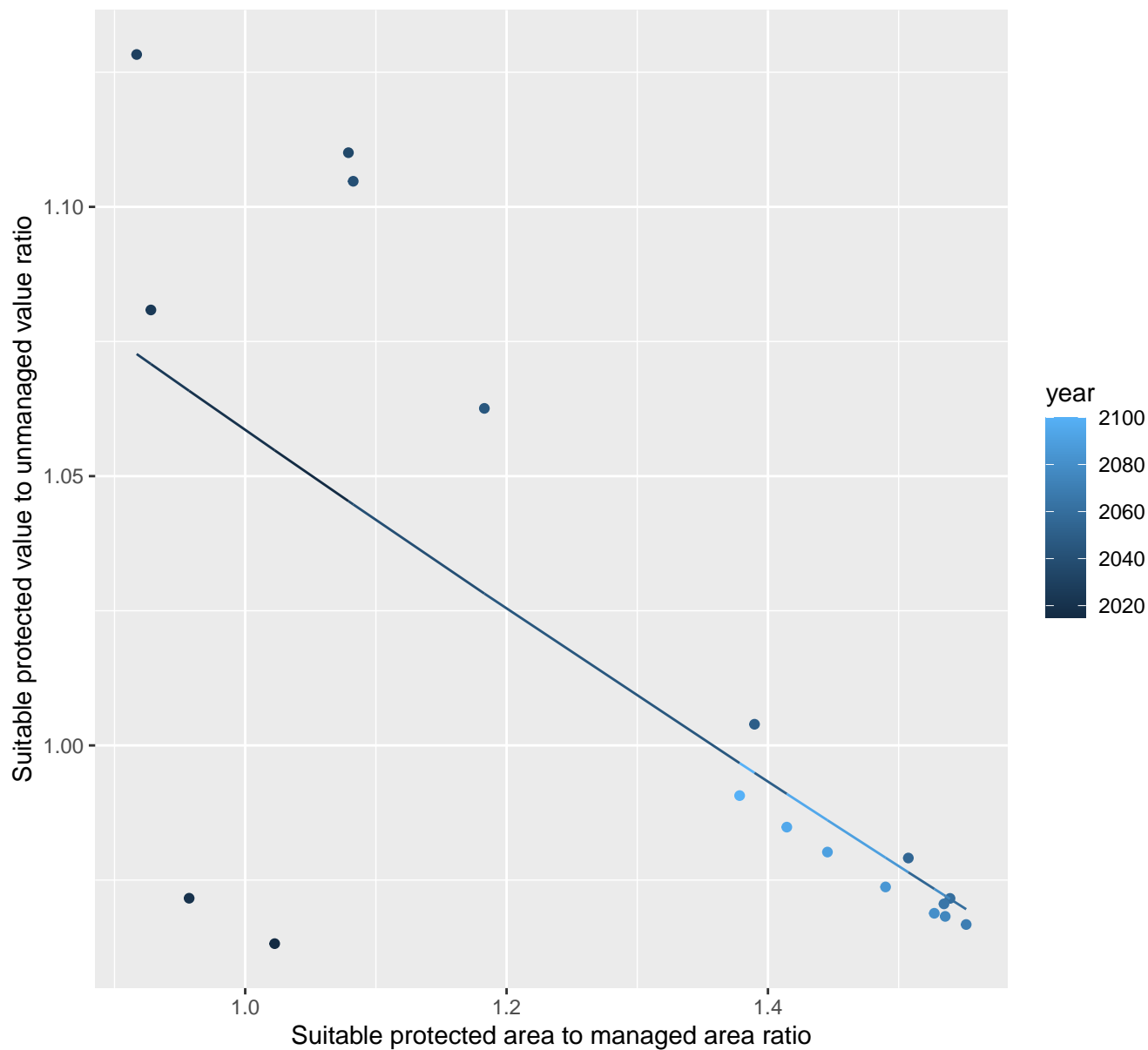linear−log(y) r2 = 0.63392 pval = 8e−05 random pval = 0.01512
y=3.07*exp(−6.52*x)

Africa_Southern marginal protection cost ratio

linear−log(y) r2 = 0.47904 pval = 0.00146 random pval = 0.00067
y=1.24*exp(−0.16*x)
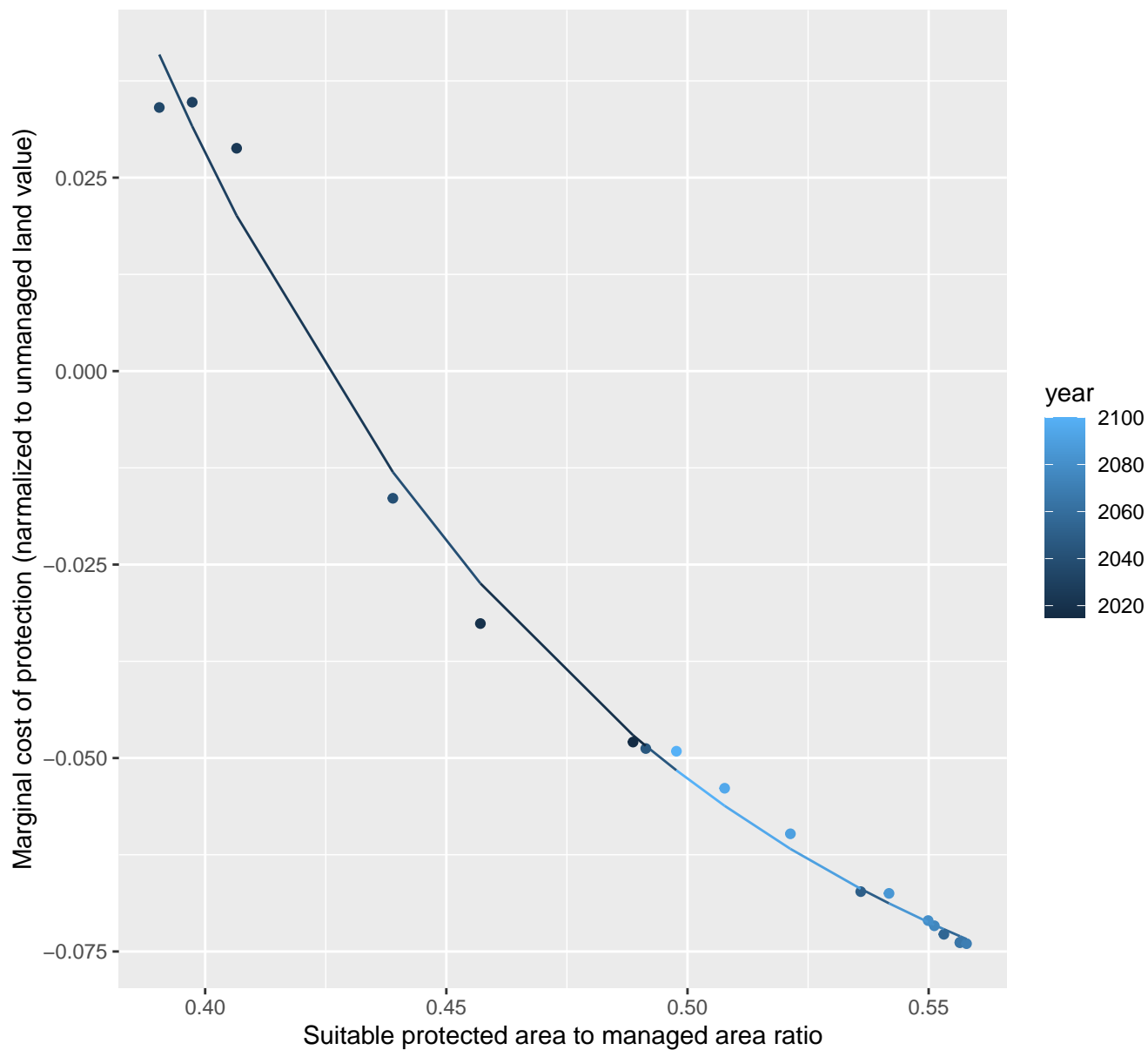
Africa_Western marginal protection cost ratio

nls random pval = 0.05194
y=−0.1+6.93*exp(−9.98*x)
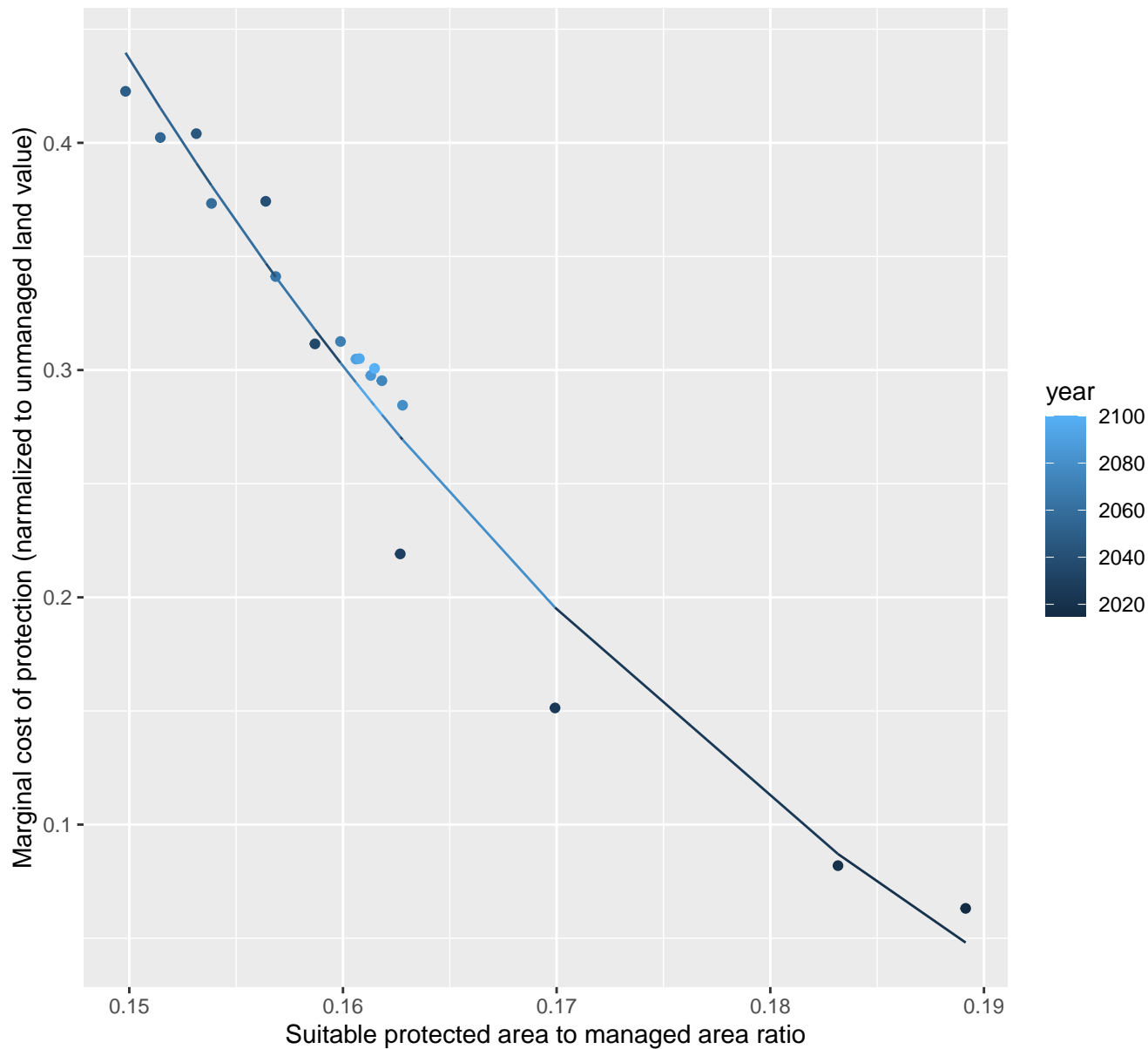
Argentina marginal protection cost ratio

nls random pval = 0.01512
y=−0.21+21.5*exp(−23.33*x)
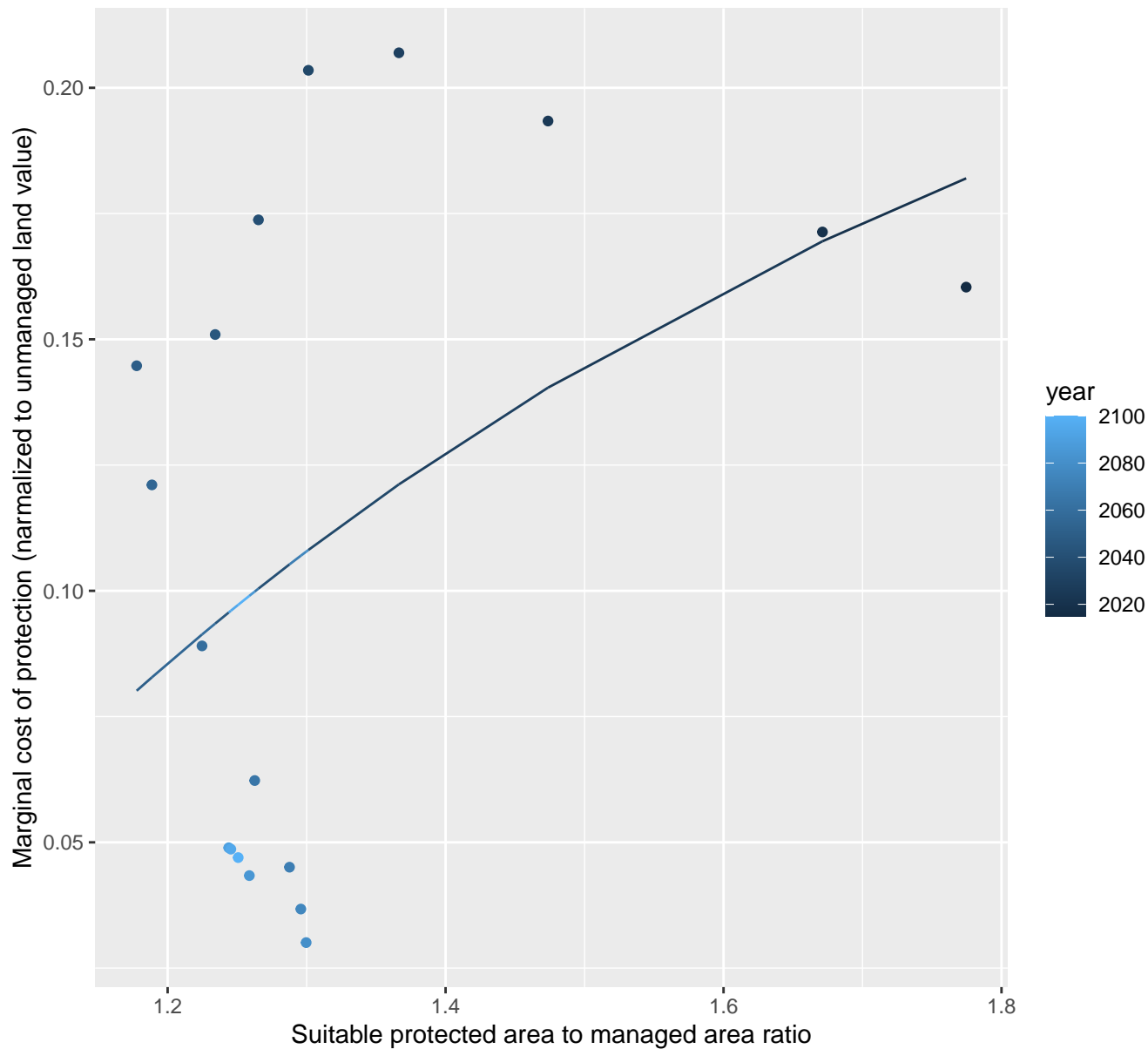
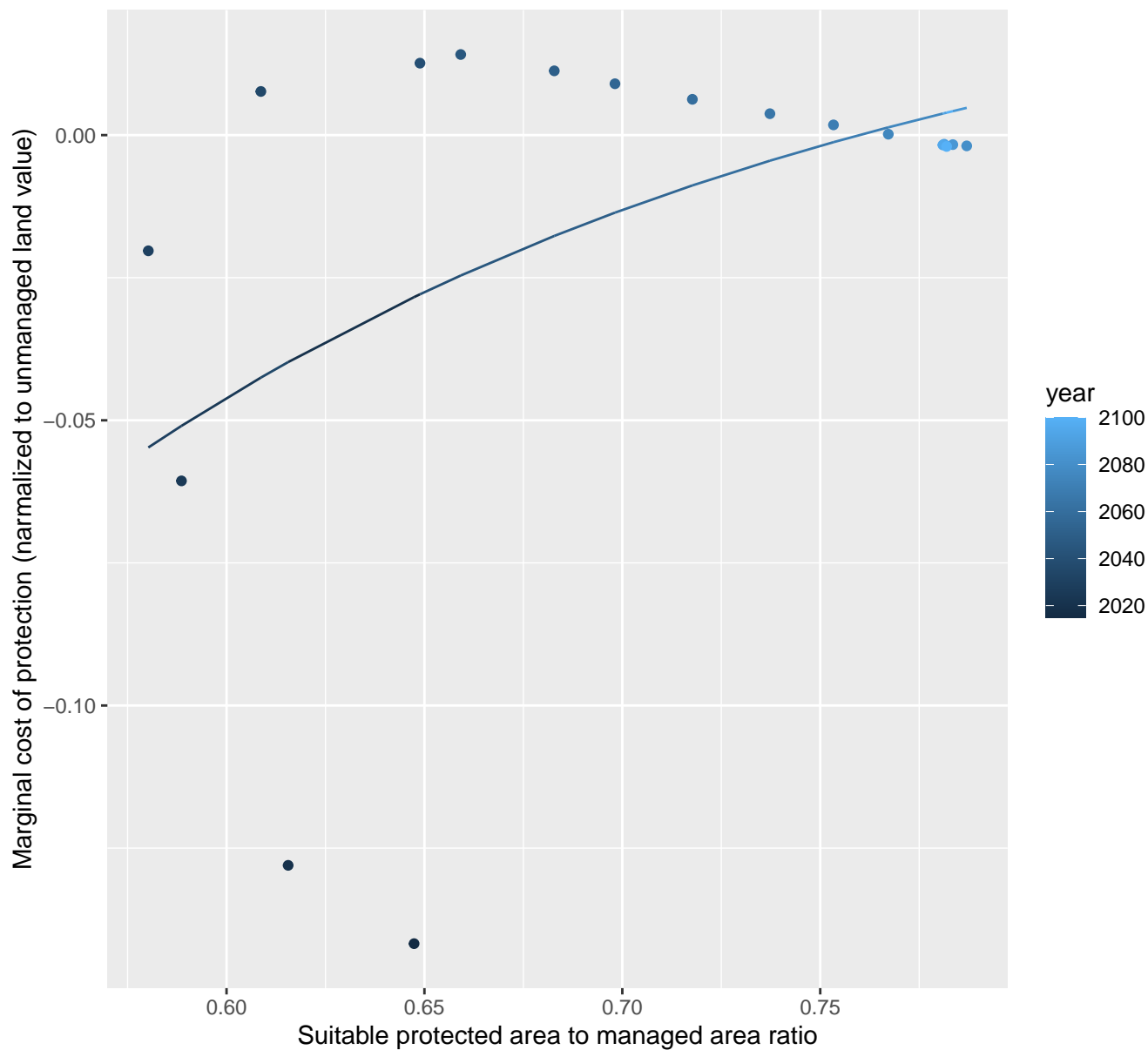Australia_NZ marginal protection cost ratio

nls random pval = 0.00067

$y = 0.27 + -0.87 * \exp(-1.3 * x)$

Marginal cost of protection (normalized to unmanaged land value) vs. Suitable protected area to managed area ratio
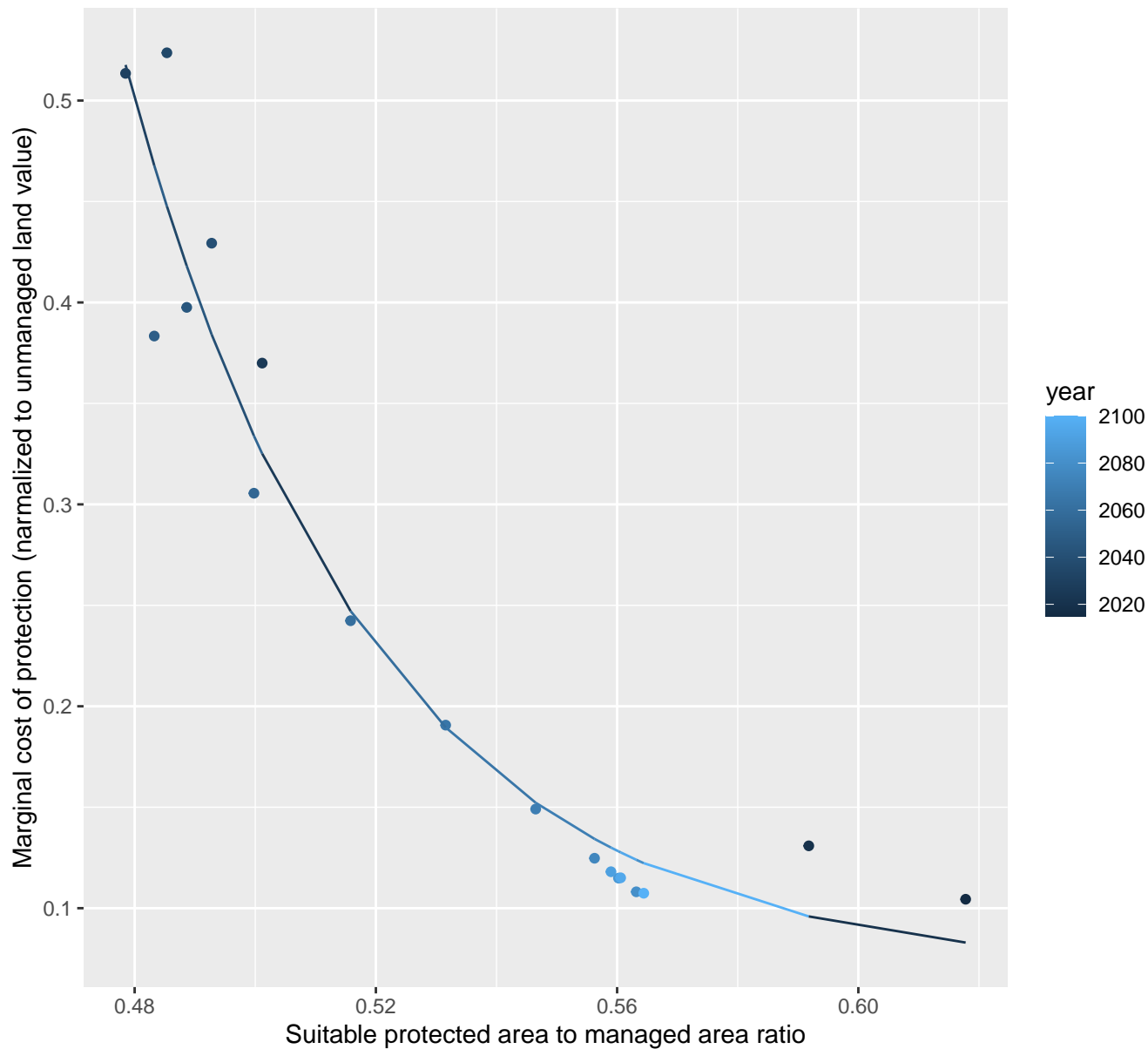
Brazil marginal protection cost ratio

nls random pval = 0.00067
y=0.04+−1.69*exp(−5.01*x)

Canada marginal protection cost ratio

nls random pval = 0.00355
y=0.07+61524.68*exp(−24.72*x)
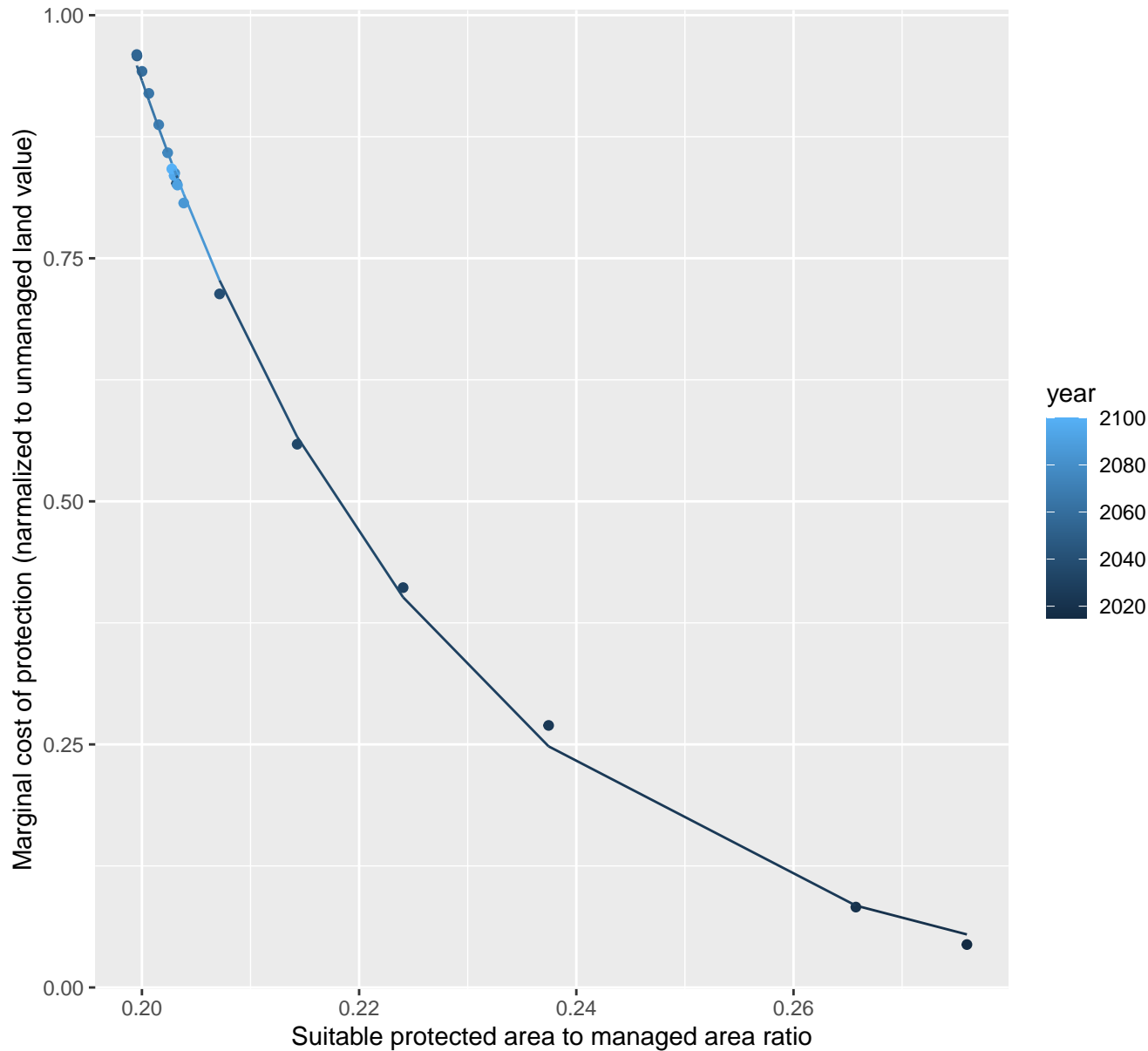
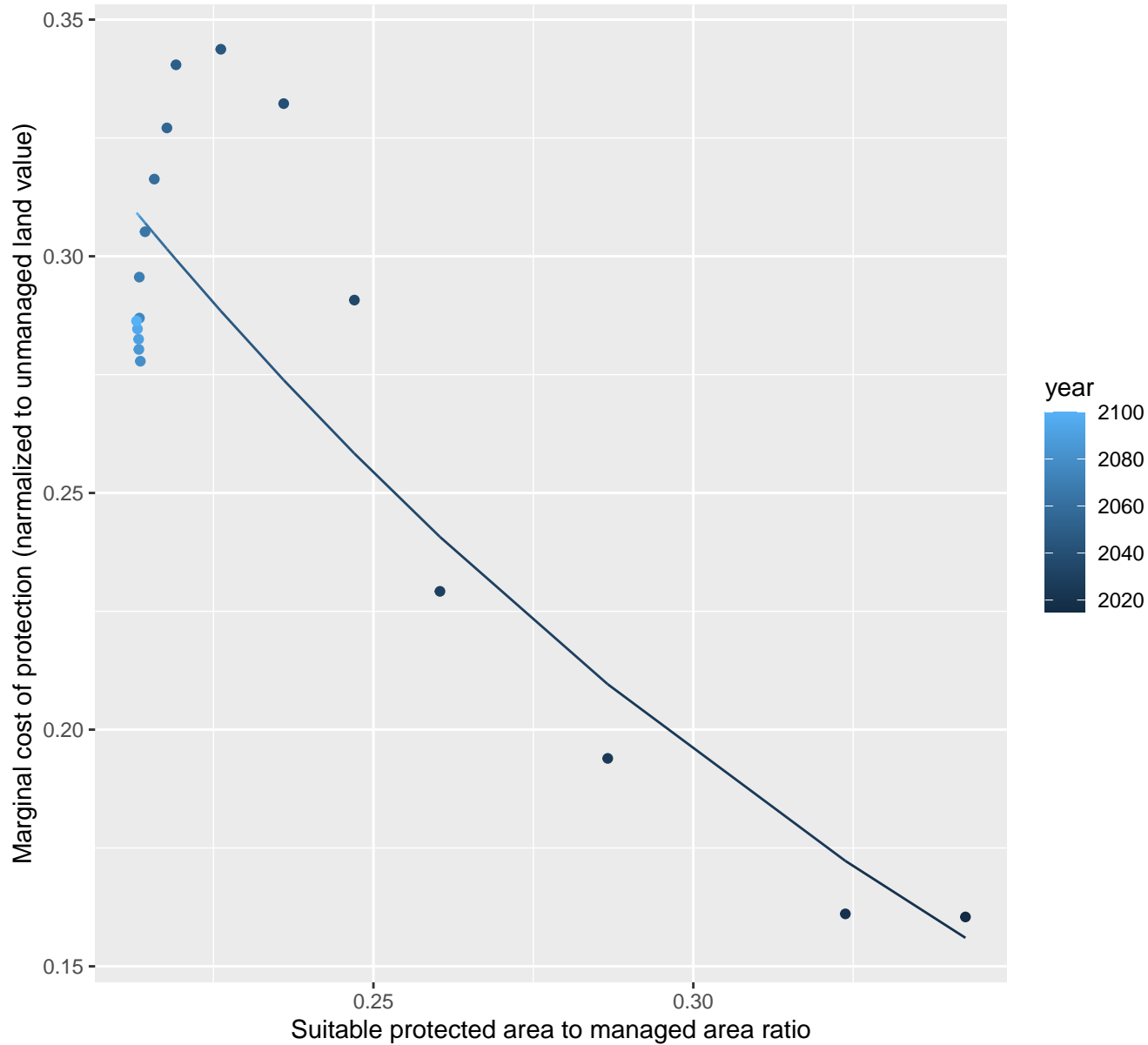Central America and Caribbean marginal protection cost ratio

nls random pval = 0.01512
y=−0.02+874.16*exp(−34.13*x)

Central Asia marginal protection cost ratio
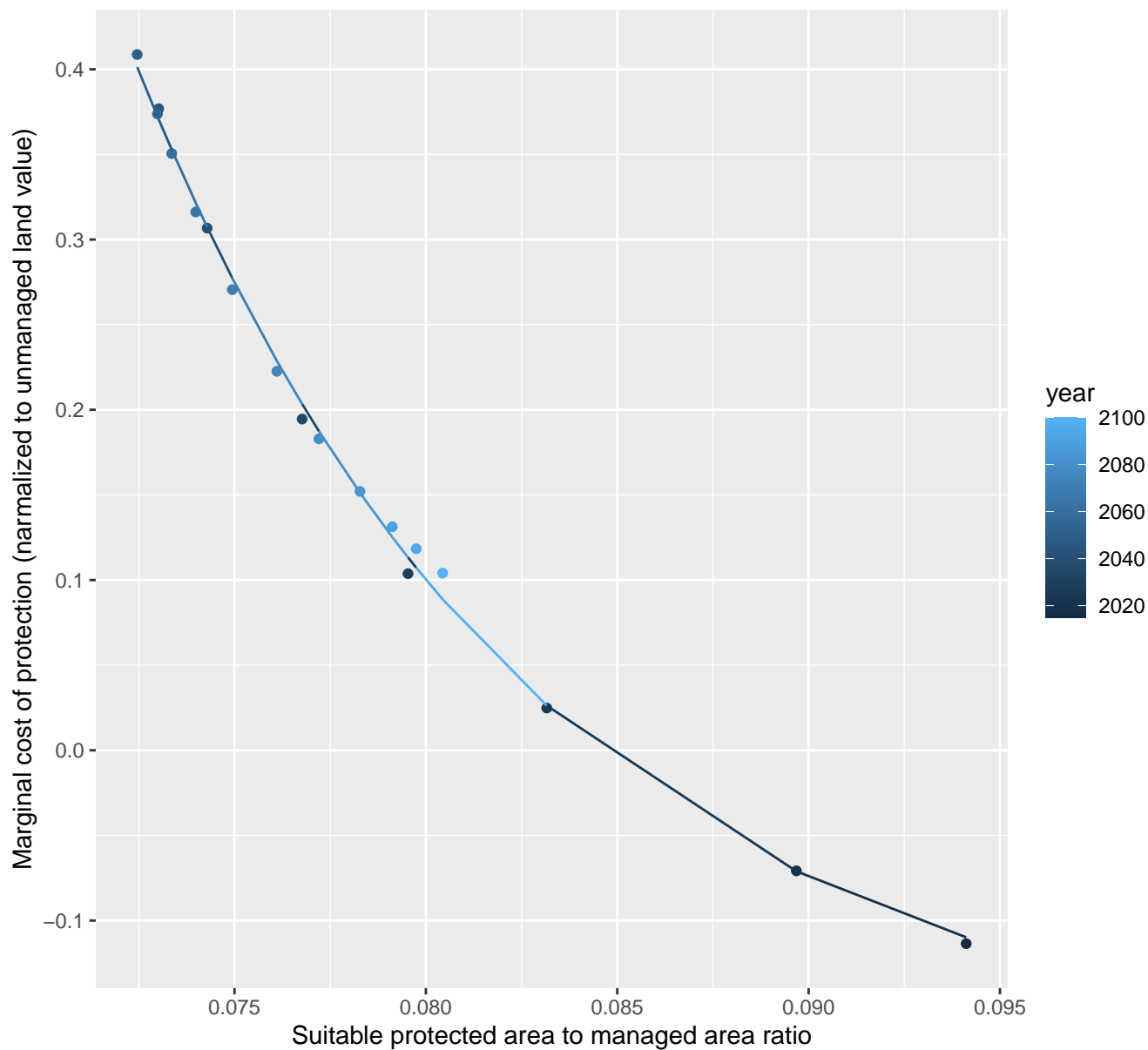
linear−log(y) r2 = 0.82001 pval = 0 random pval = 0.00355
y=0.95*exp(−5.28*x)

China marginal protection cost ratio

nls random pval = 0.05194
y=−0.18+612.67*exp(−95.99*x)
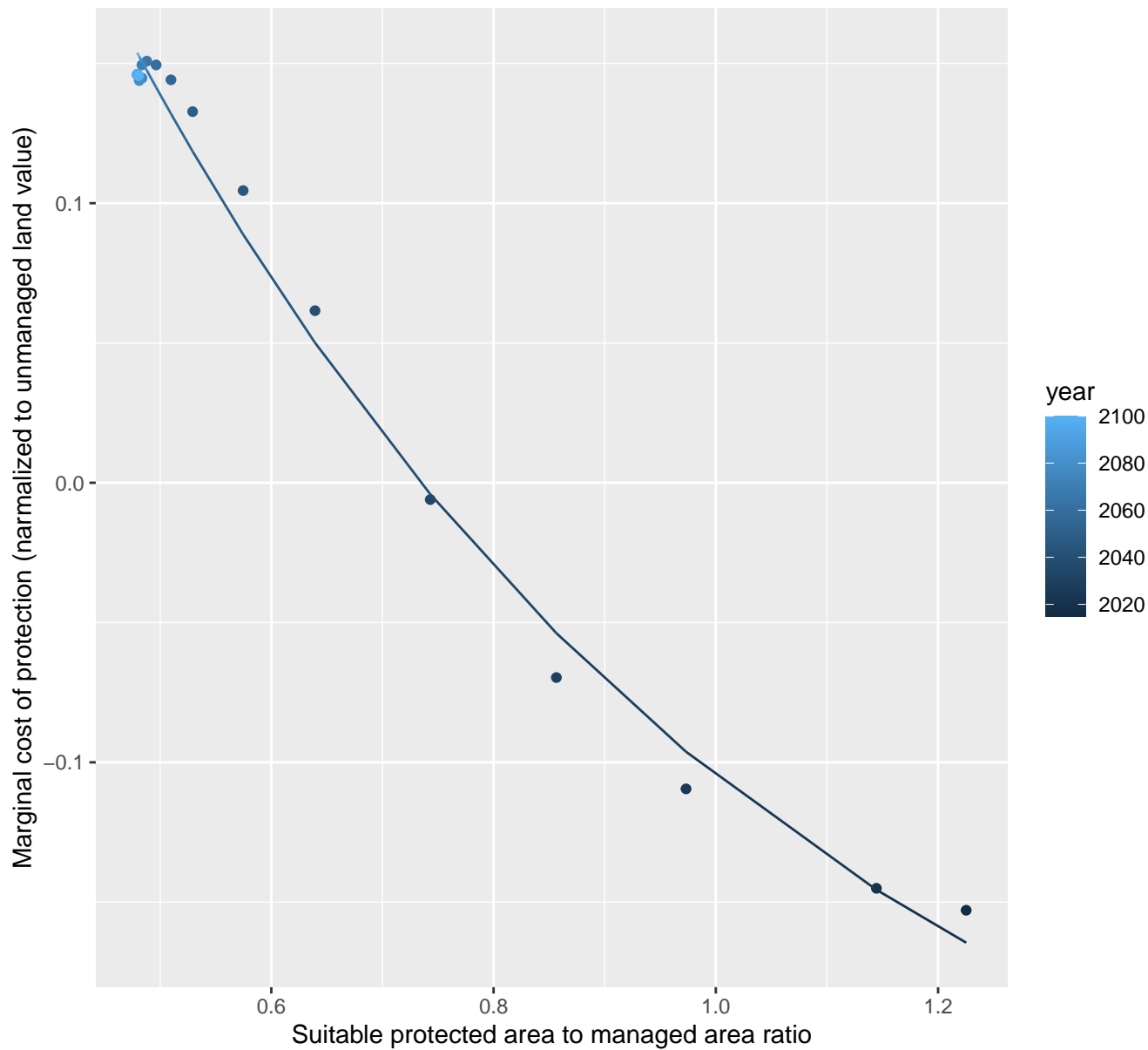
Colombia marginal protection cost ratio

nls random pval = 0.00355
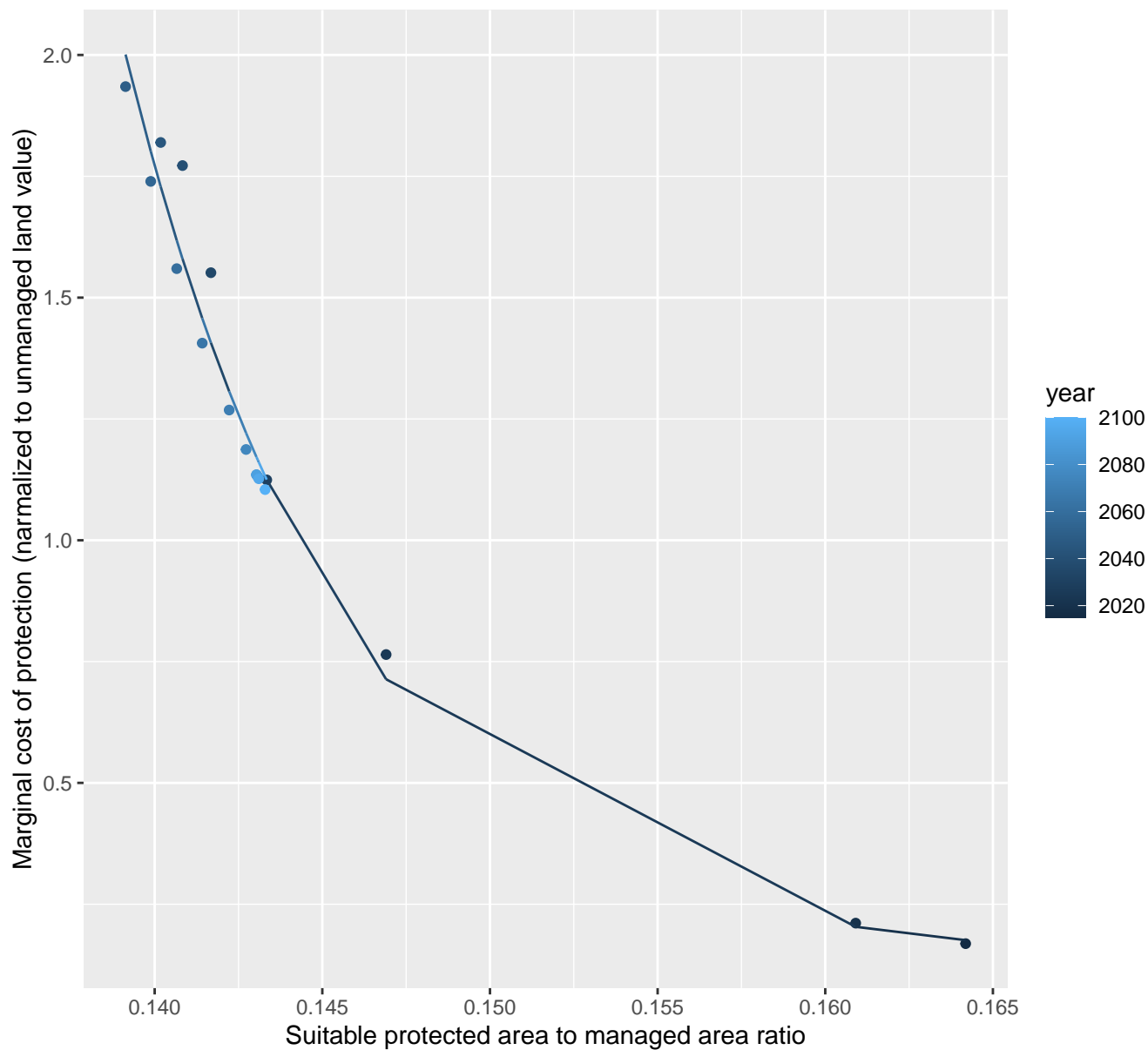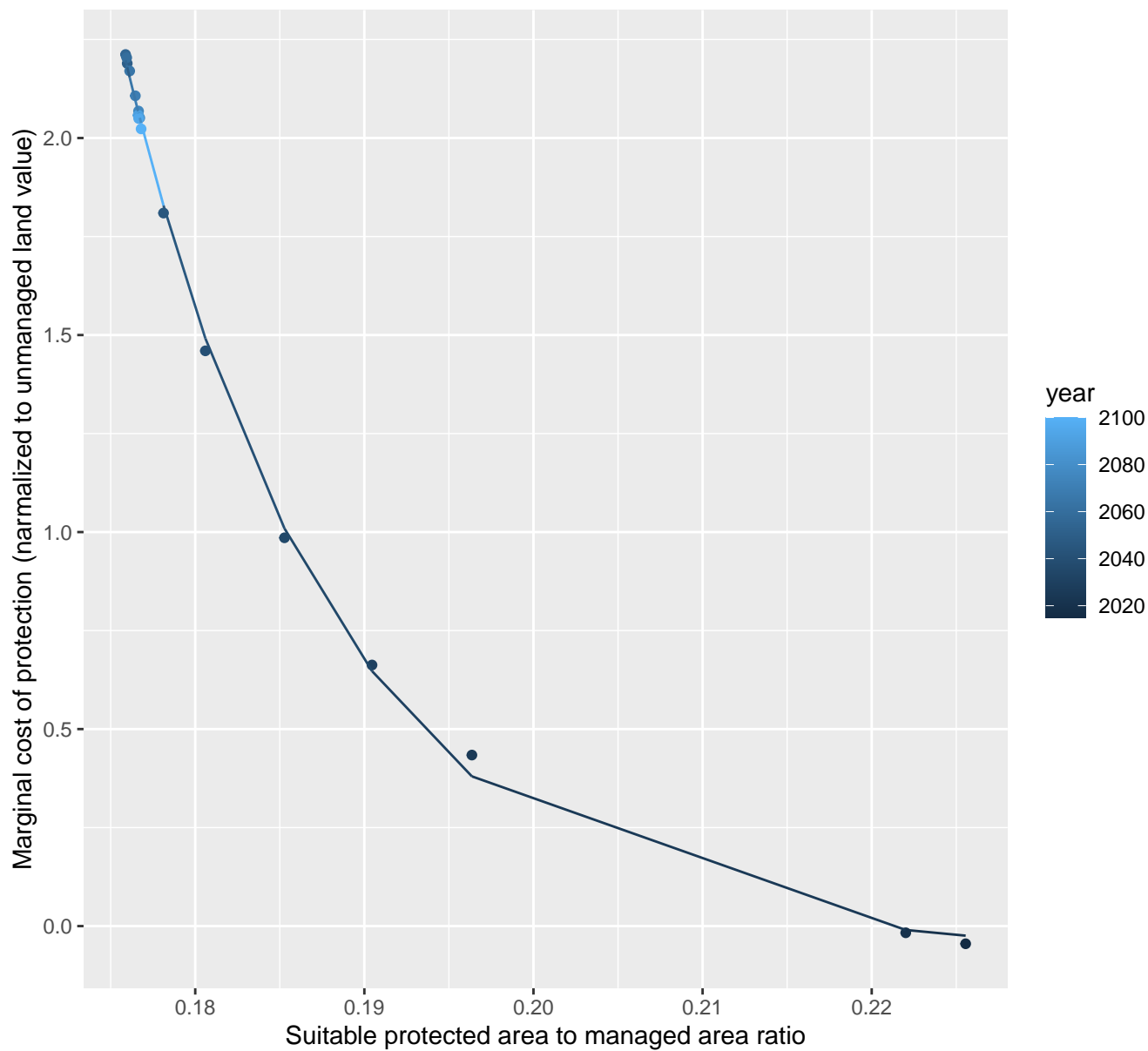$y = -0.3 + 0.99 \cdot \exp(-1.62 \cdot x)$

EU−12 marginal protection cost ratio

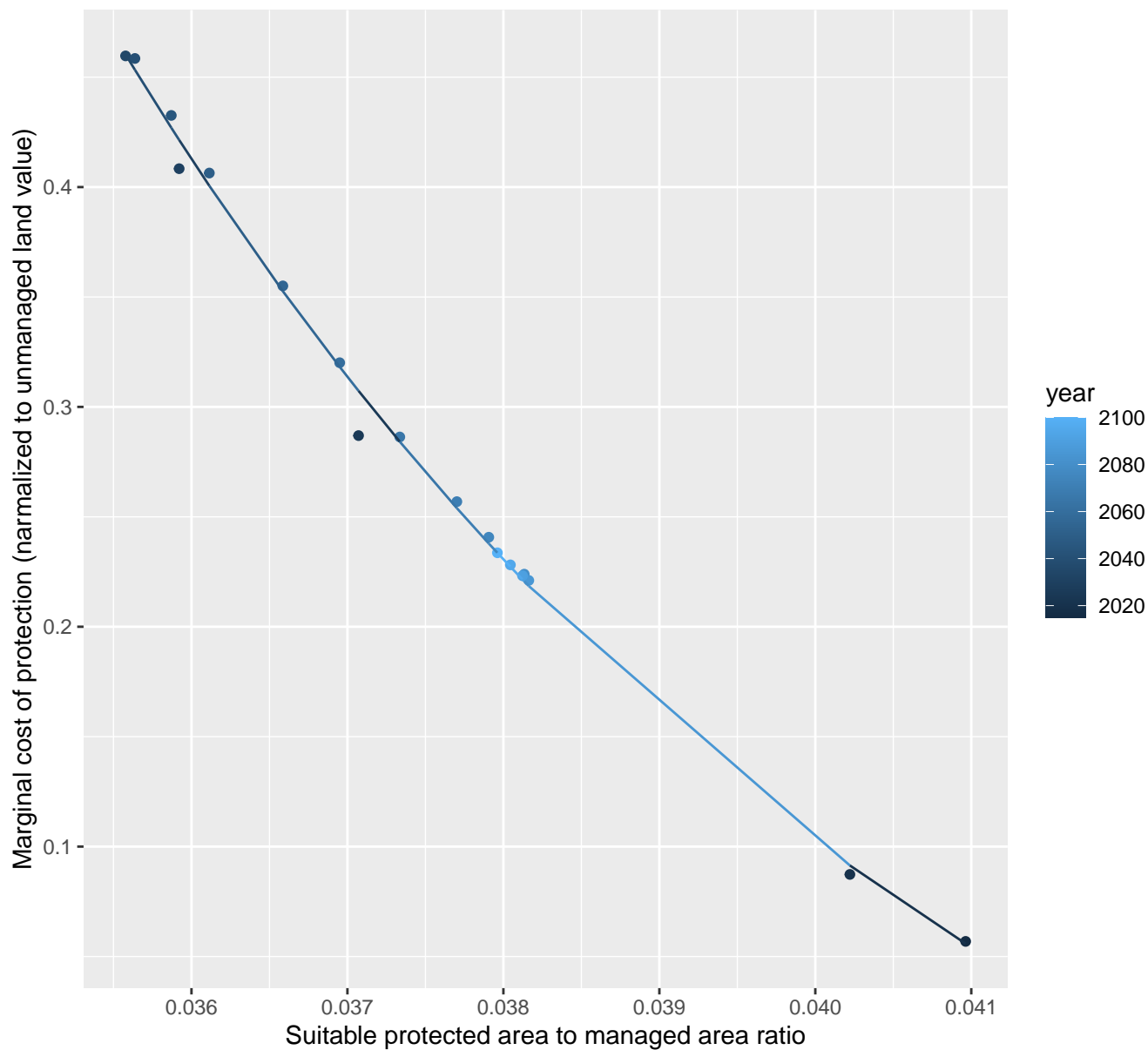nls random pval = 0.01512
y=0.13+2270532941.24*exp(−150.35*x)

EU−15 marginal protection cost ratio

nls random pval = 0.01512
y=−0.07+2473919.9*exp(−79.05*x)

Europe_Eastern marginal protection cost ratio

nls random pval = 0.01512
y=−0.2+362.43*exp(−177.44*x)

Europe_Non_EU marginal protection cost ratio
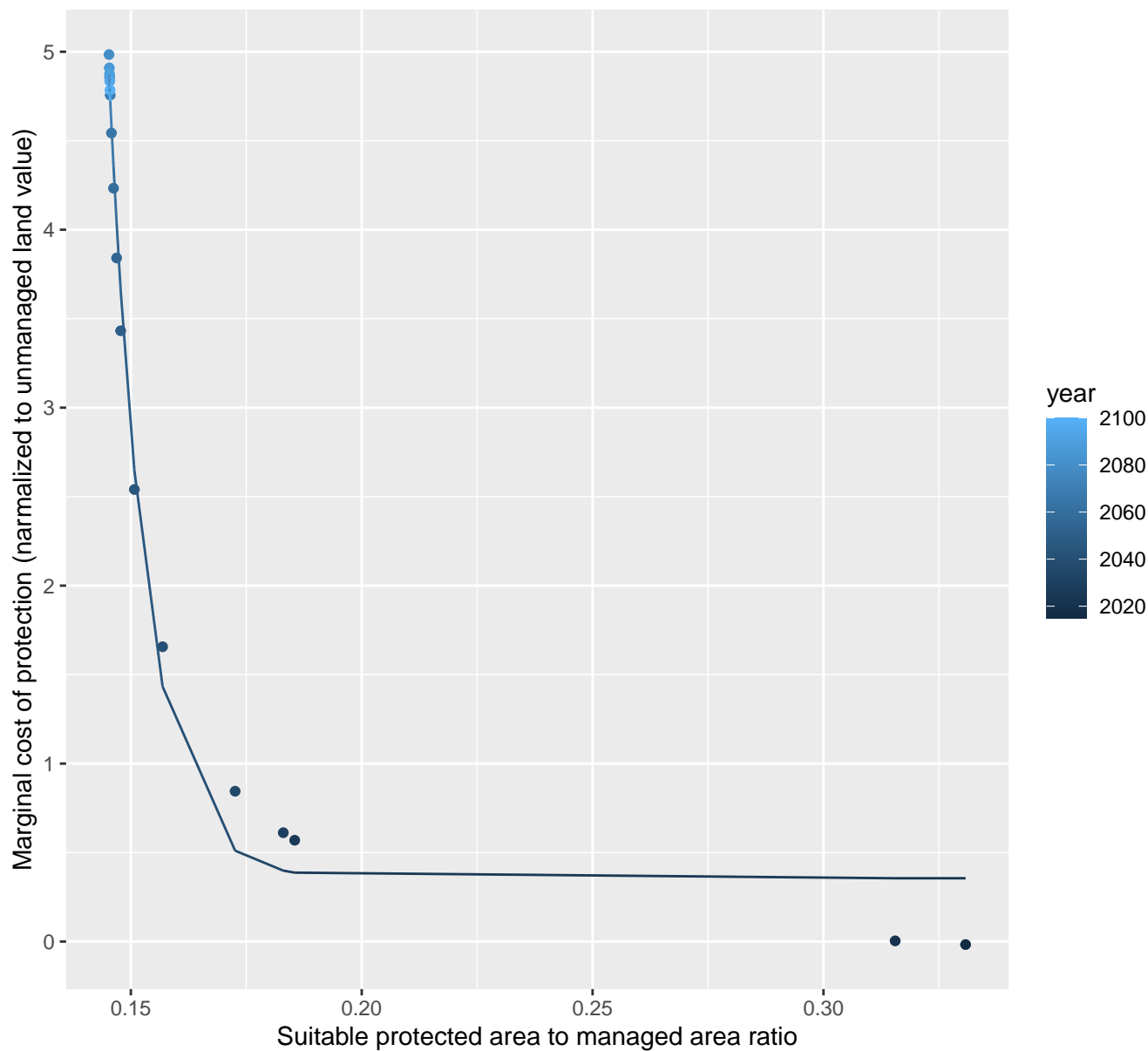
nls random pval = 0.00355
y=−0.09+830.64*exp(−72.93*x)
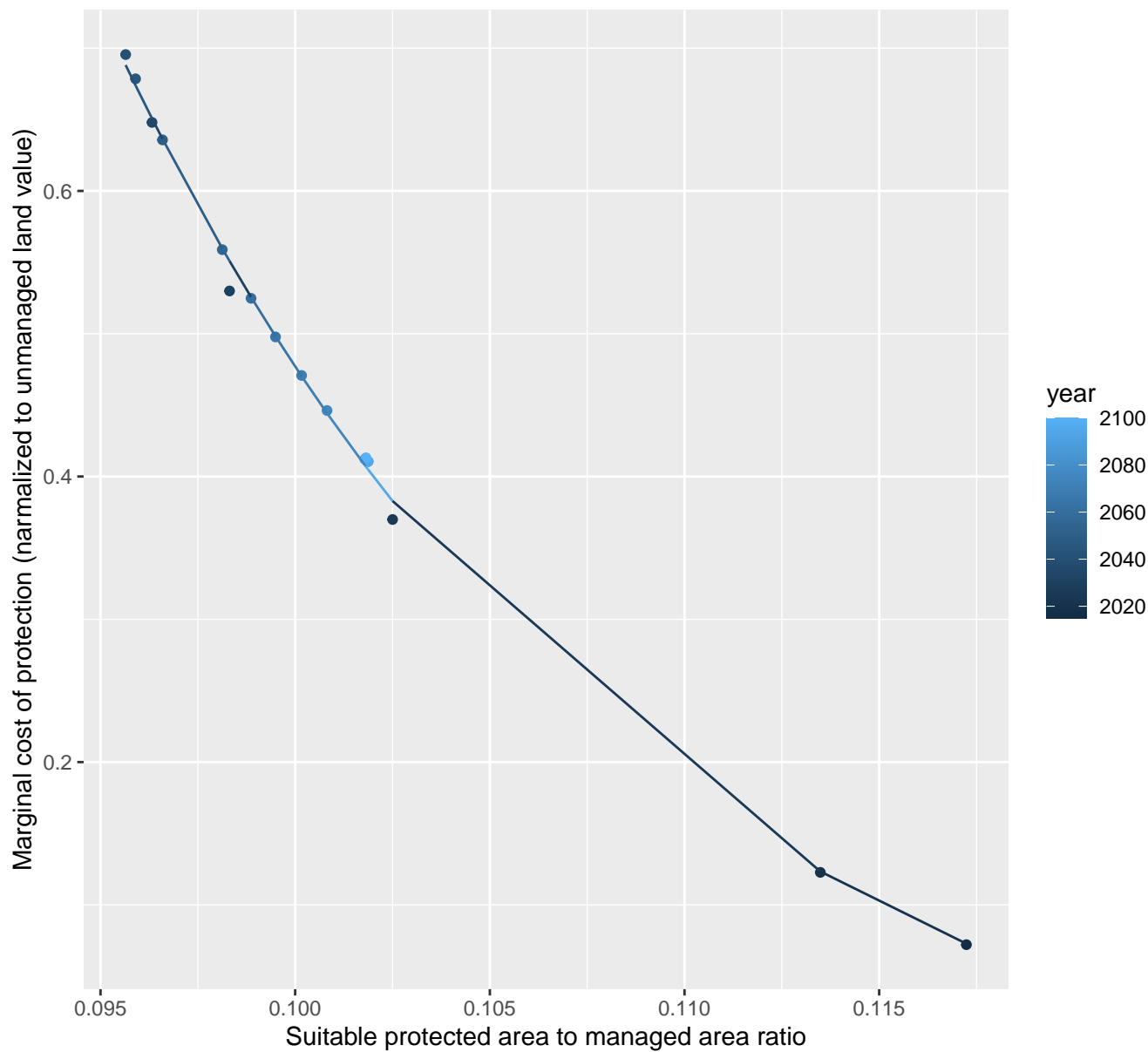
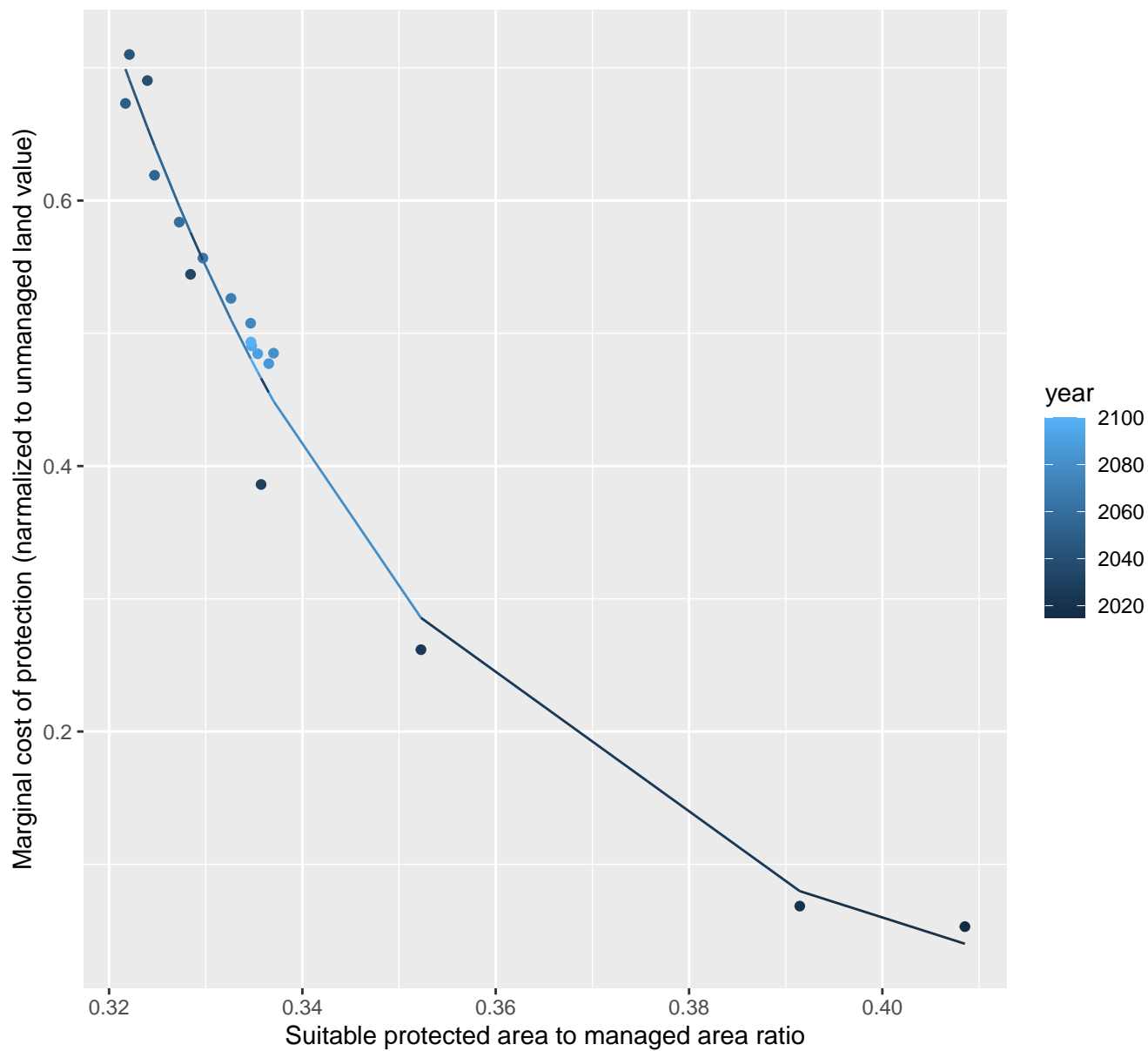European Free Trade Association marginal protection cost ratio

nls random pval = 0.01512
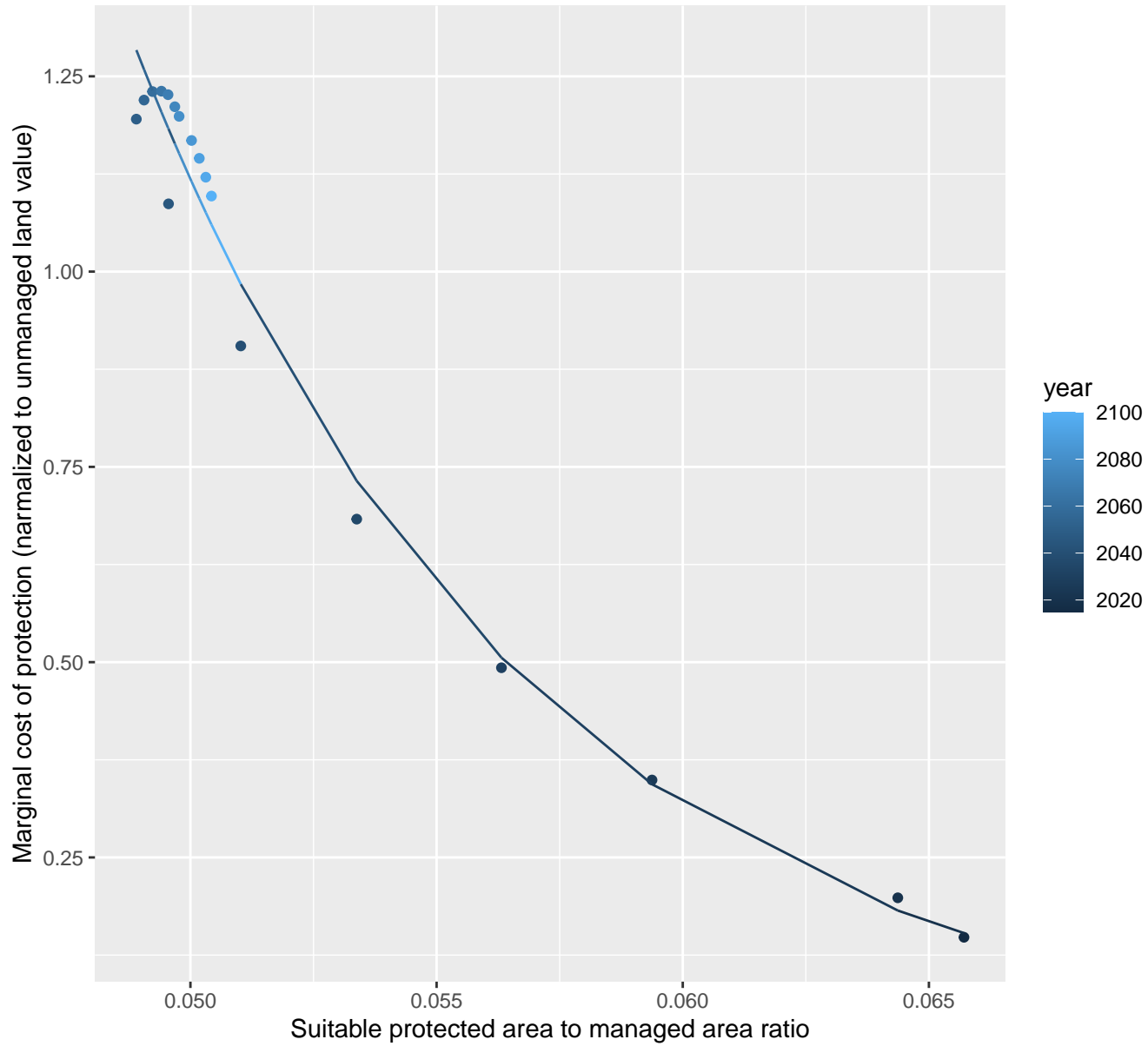y=0.36+277657709.6*exp(−123.46*x)

Global marginal protection cost ratio

nls random pval = 0.14491
y=−0.03+5278.14*exp(−27.65*x)

India marginal protection cost ratio

nls random pval = 0.00355
y=0+576.91*exp(−124.83*x)
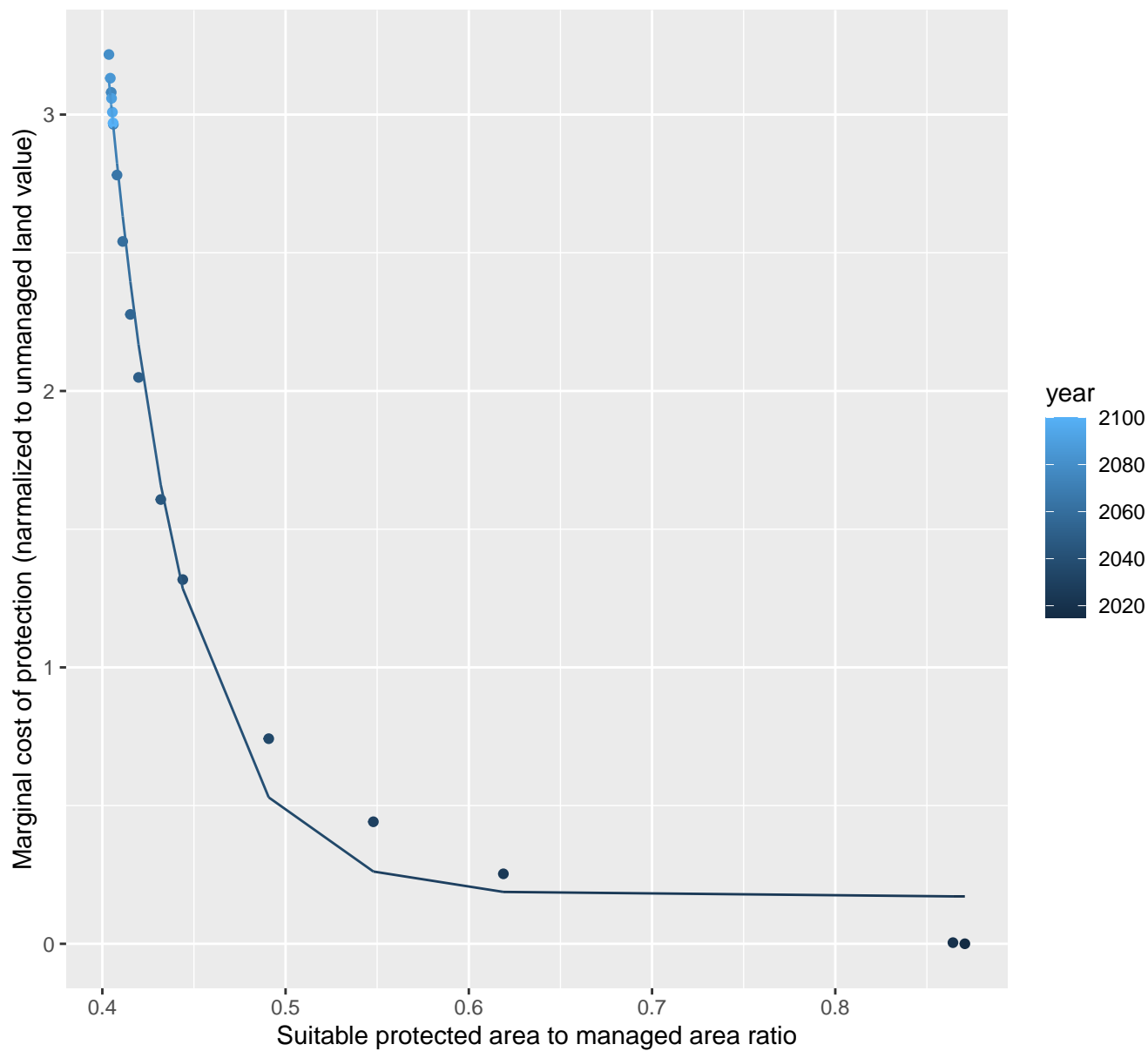
Indonesia marginal protection cost ratio

nls random pval = 0.00067
y=0.12+23.36*exp(−18.45*x)

Marginal cost of protection (normalized to unmanaged land value)

Suitable protected area to managed area ratio

year
2100
2080
2060
2040
2020
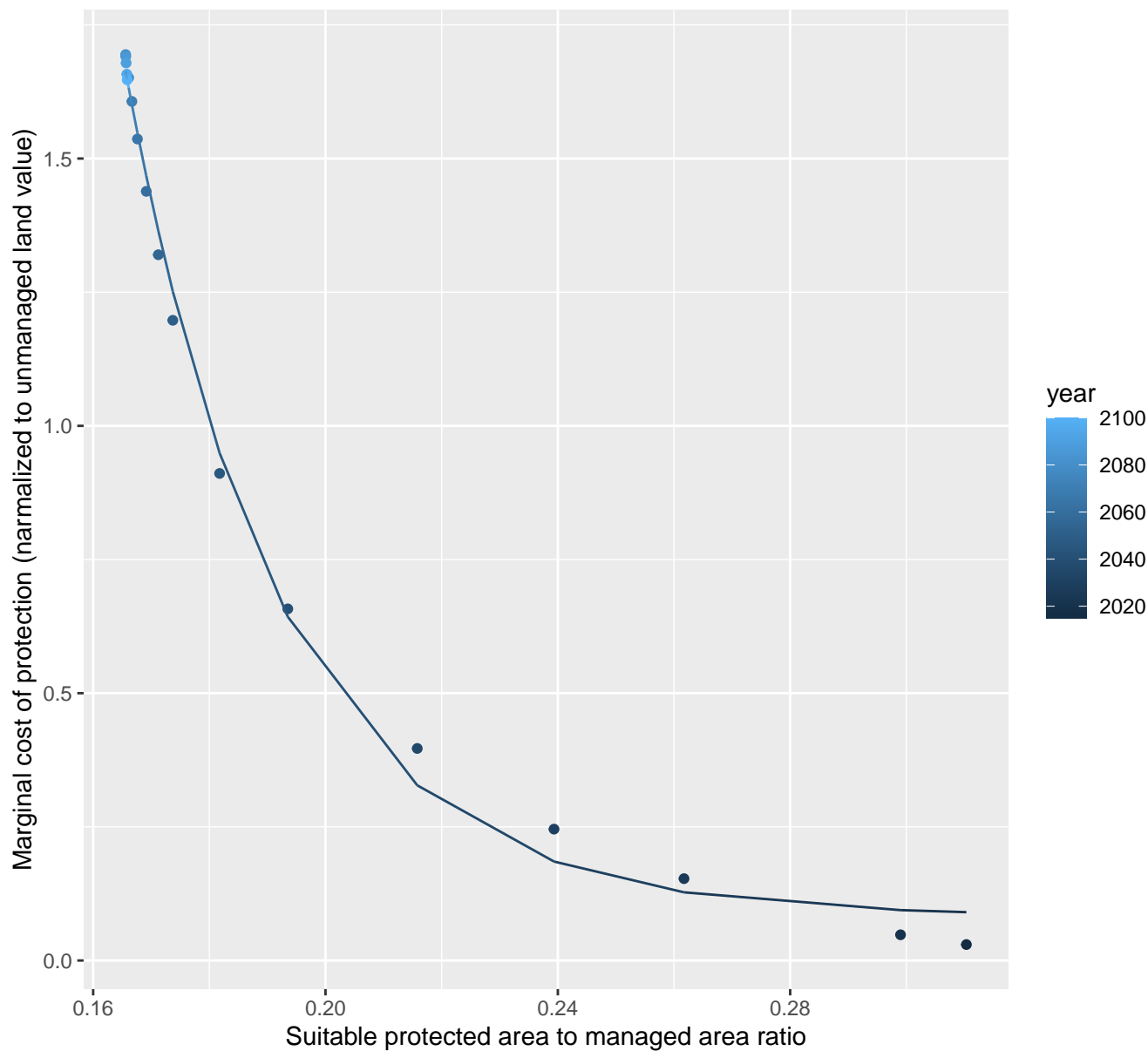
Japan marginal protection cost ratio

nls random pval = 0.01512
y=0.17+51130.97*exp(−24.18*x)

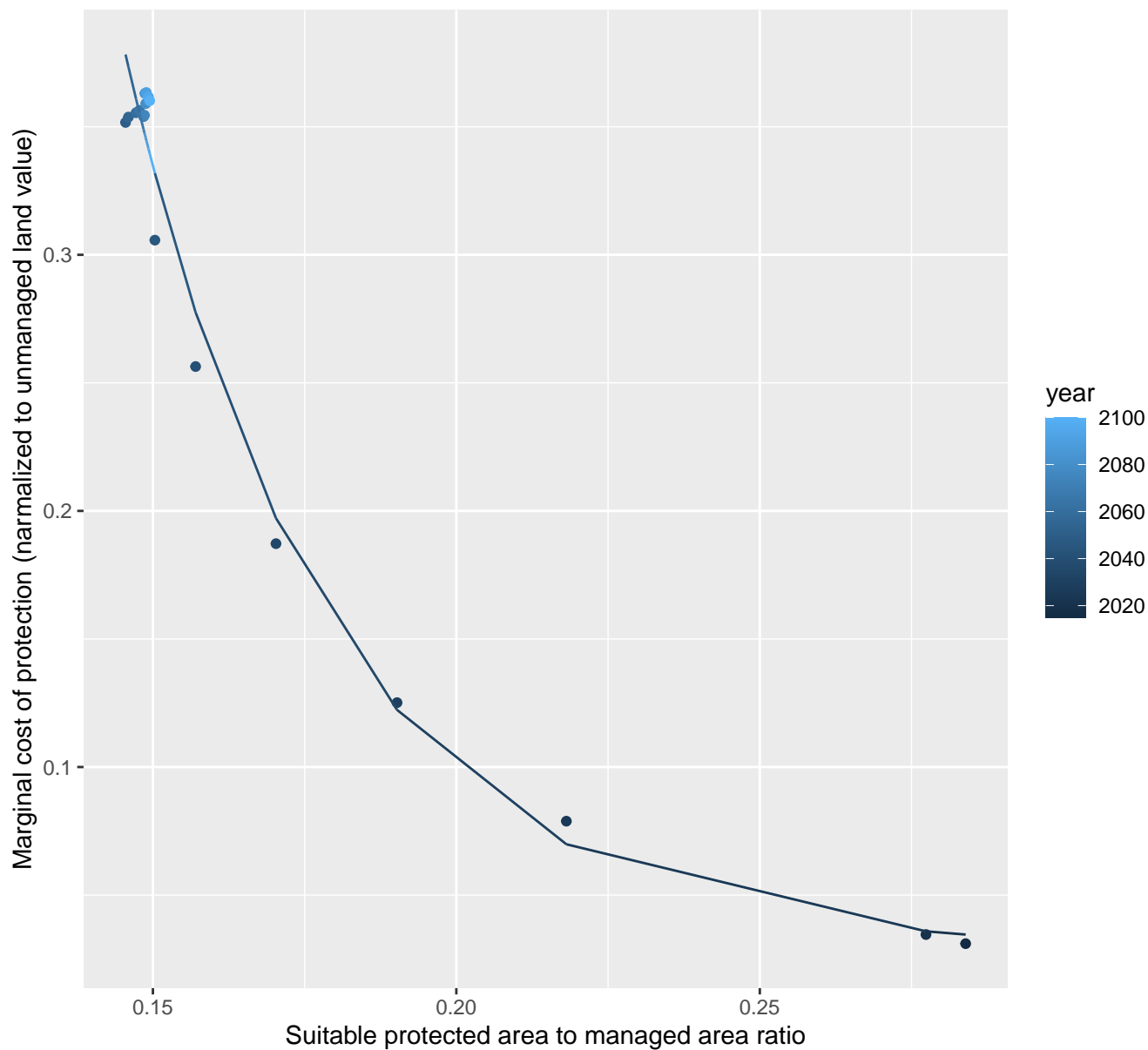**Mexico marginal protection cost ratio**

nls random pval = 0.01512
y=0.08+743.09*exp(−37.16*x)

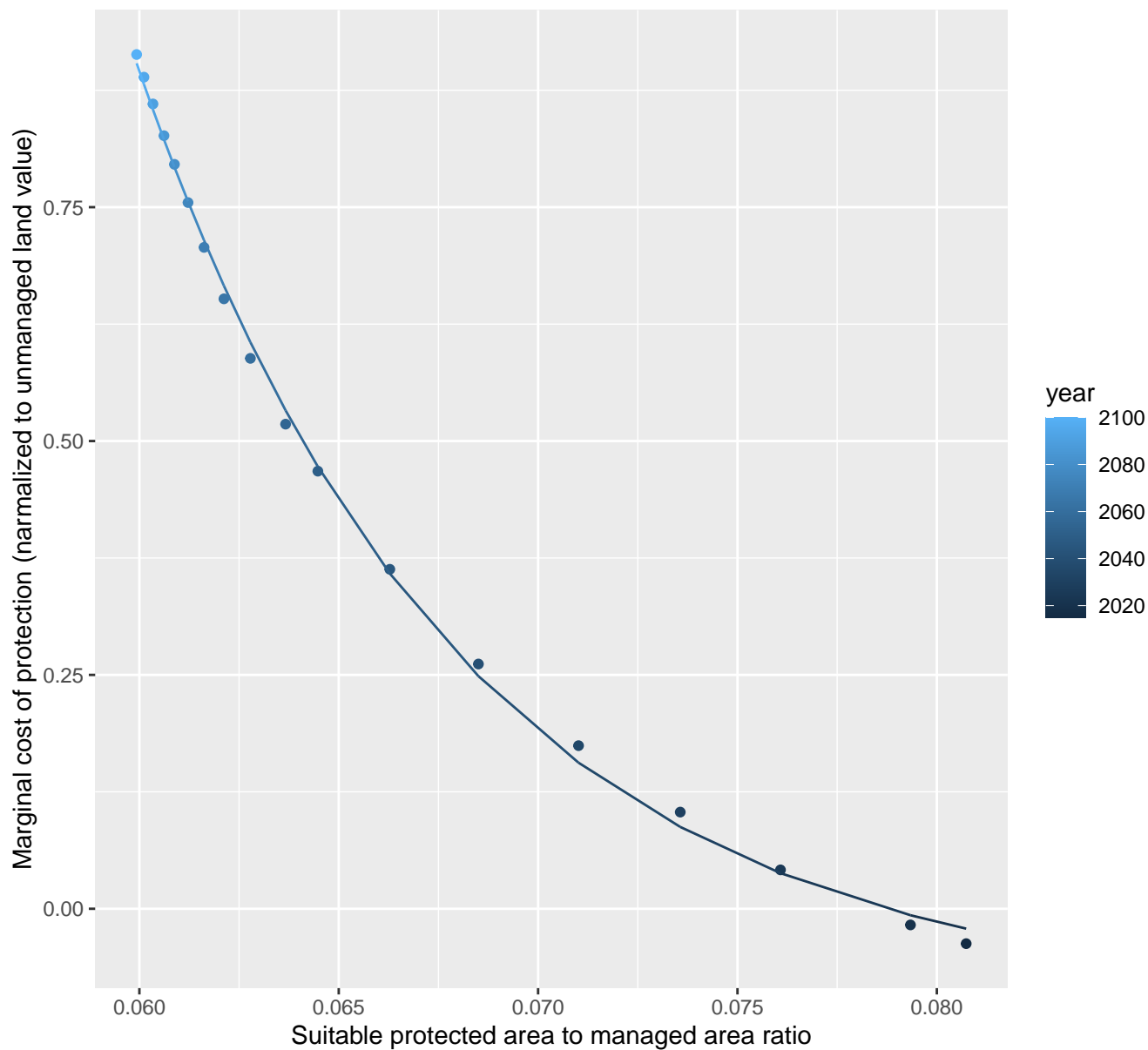Middle East marginal protection cost ratio

nls random pval = 0.00355
y=0.03+25.35*exp(−29.44*x)

Pakistan marginal protection cost ratio

nls random pval = 0.00355
y=−0.1+1690.52*exp(−124.01*x)

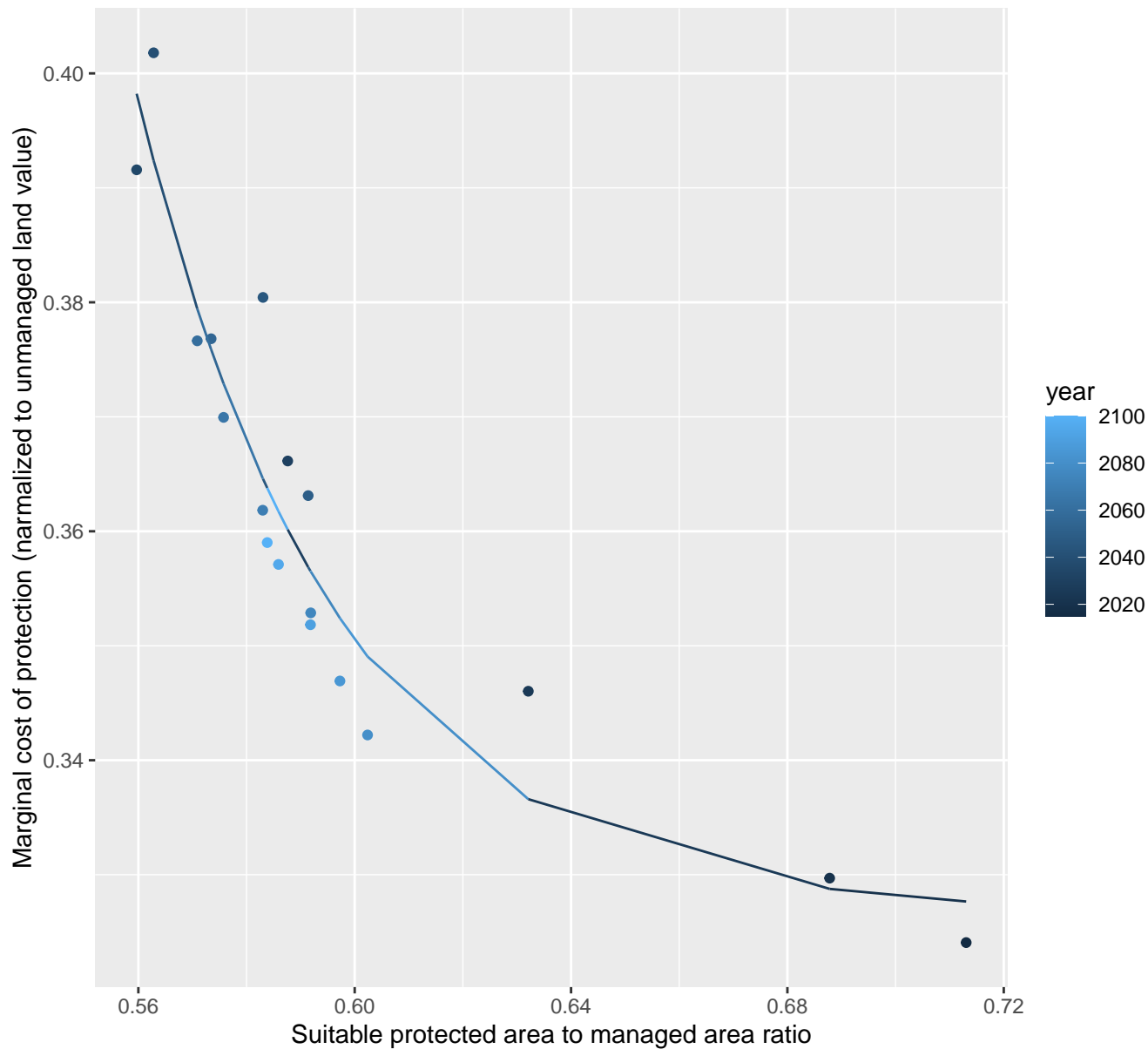Russia marginal protection cost ratio

linear−log(y) r2 = 0.75929 pval = 0 random pval = 1e−04
y=78.77*exp(−14.95*x)
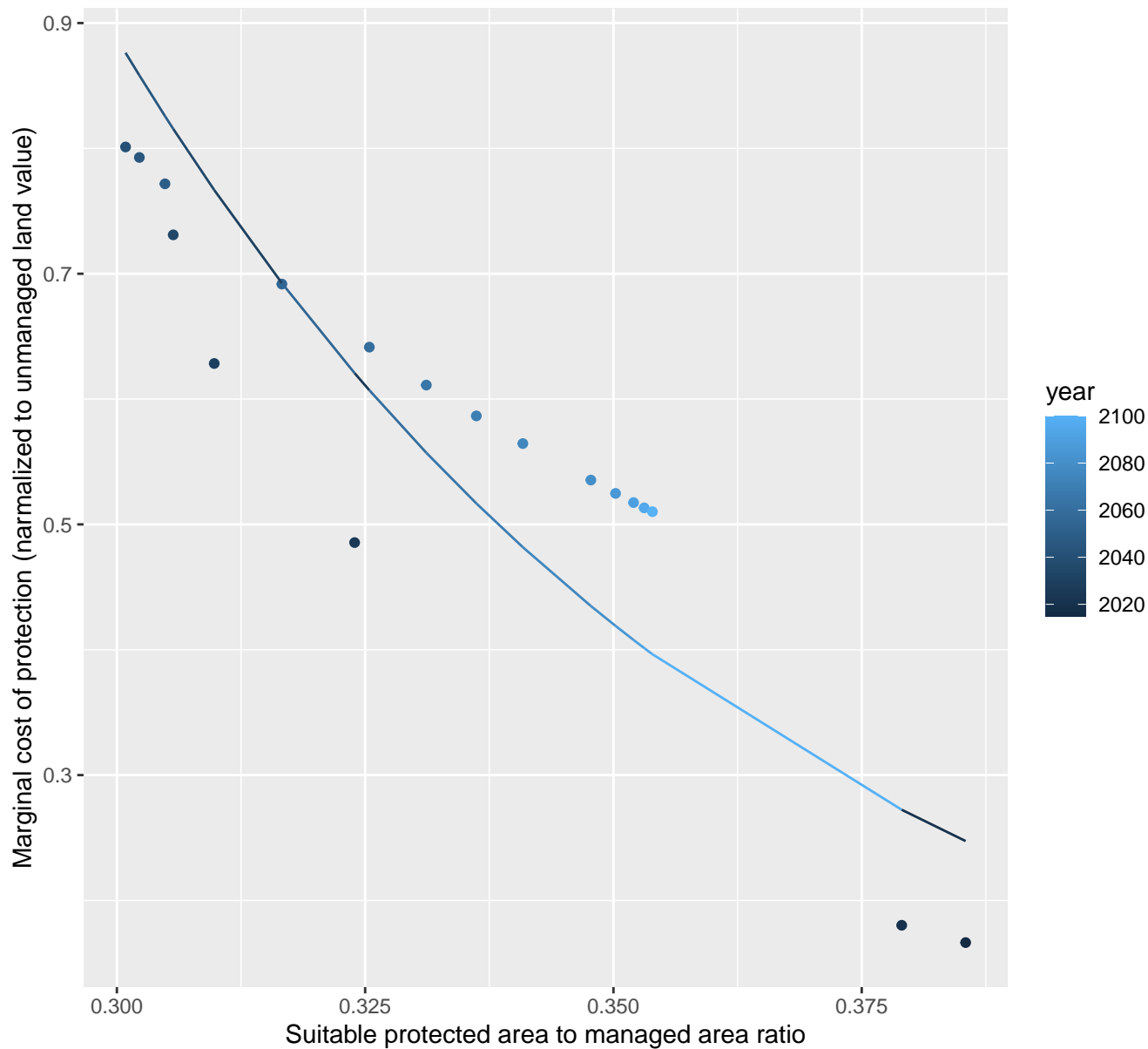
South Africa marginal protection cost ratio

nls random pval = 0.14491
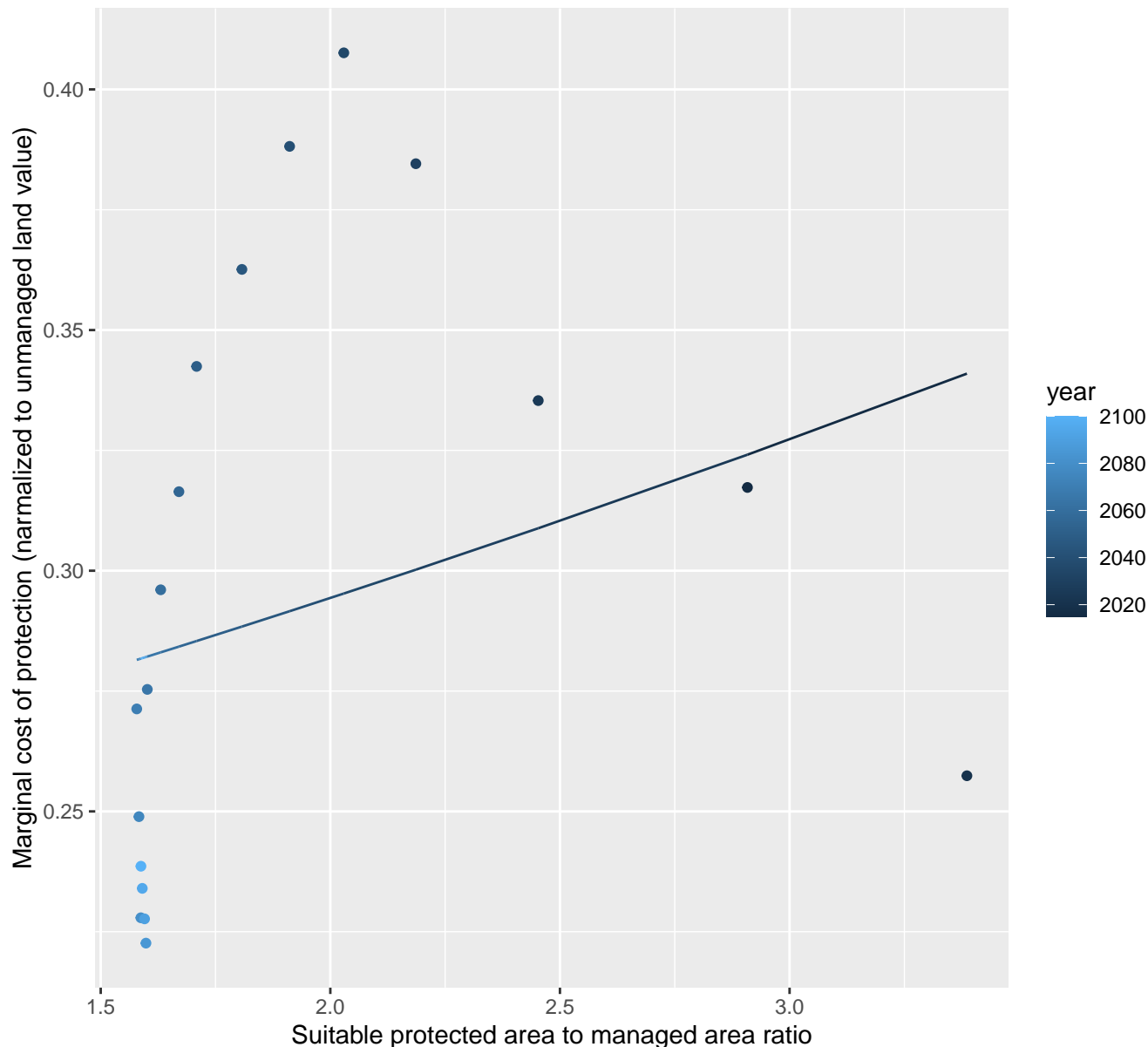y=0.33+280660.62*exp(−27.12*x)

South America_Northern marginal protection cost ratio

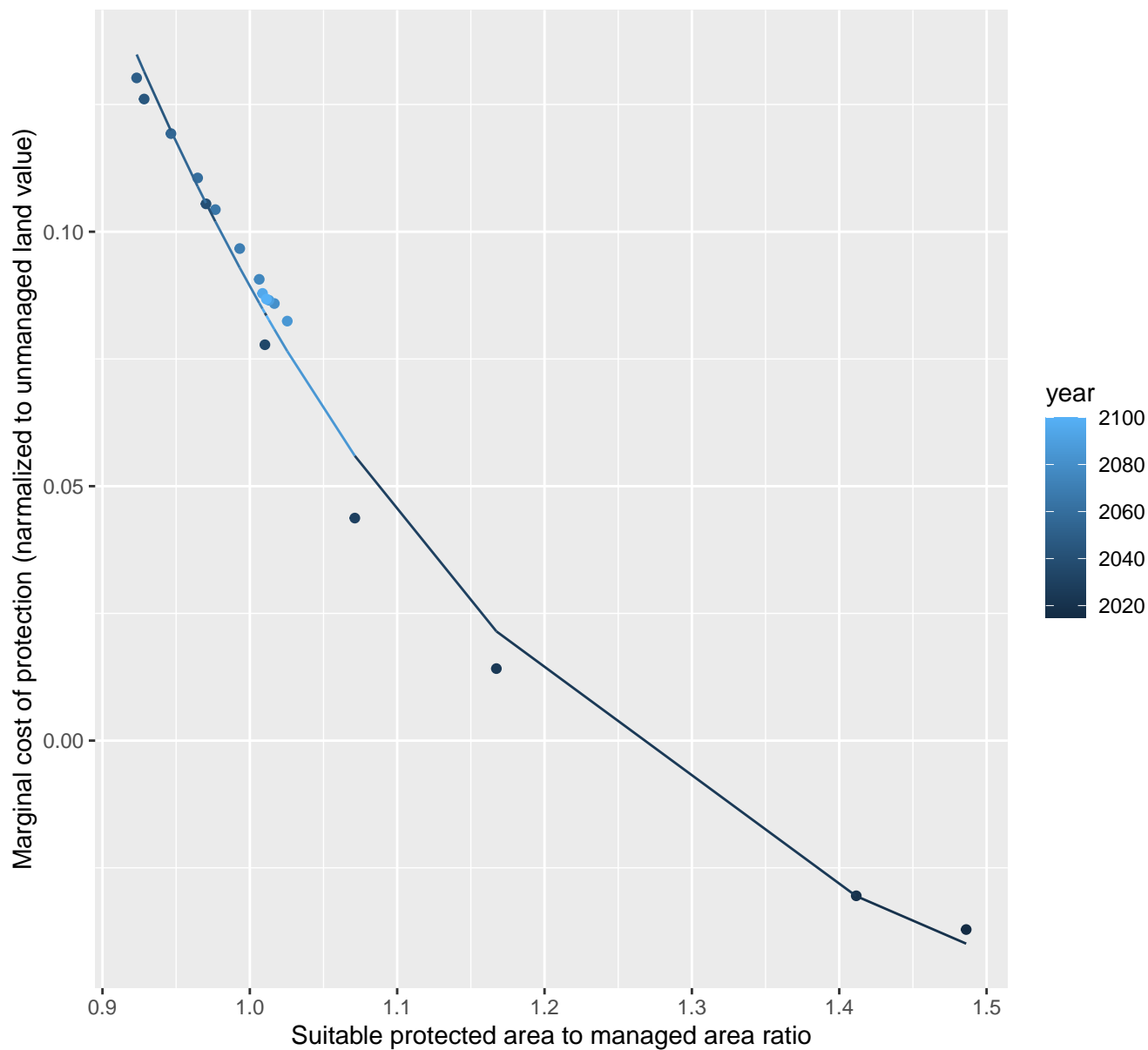linear−log(y) r2 = 0.07229 pval = 0.28064 random pval = 0.00355
y=0.24*exp(0.11*x)

South America_Southern marginal protection cost ratio
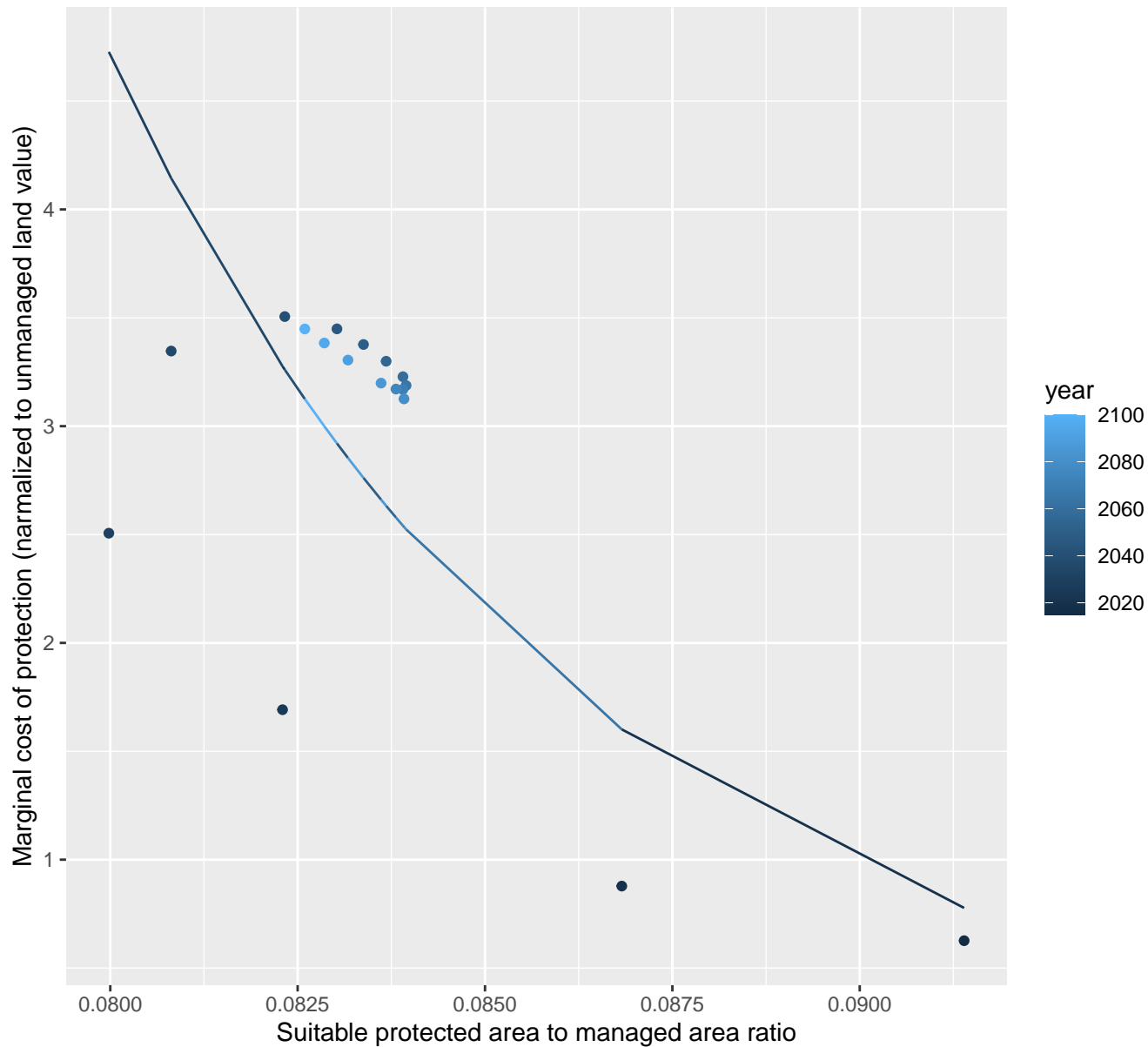
nls random pval = 0.00067
$y = -0.07 + 3.99 * \exp(-3.19 * x)$

South Asia marginal protection cost ratio

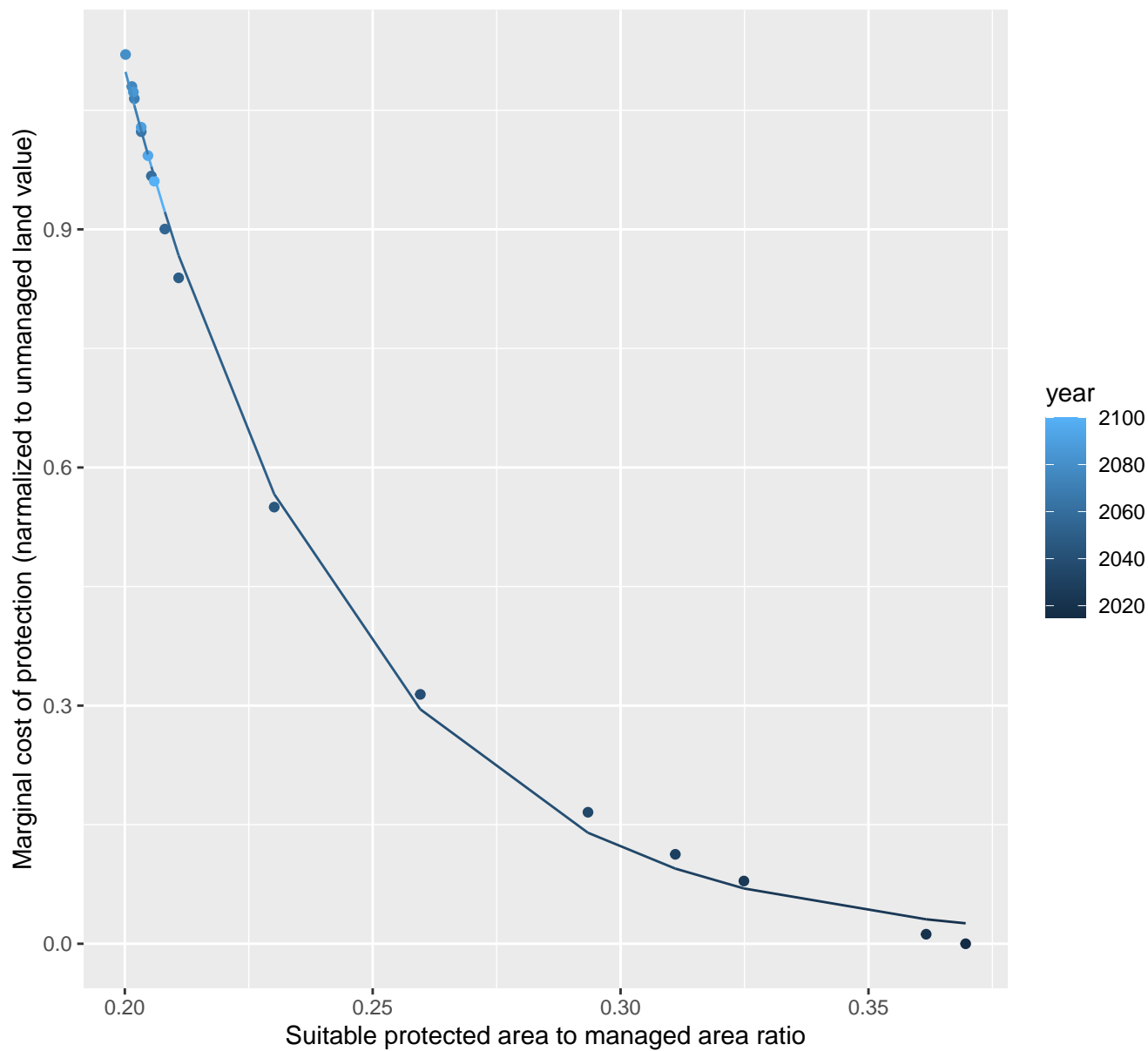linear-log(y) r2 = 0.5841 pval = 0.00022 random pval = 0.00067
y=1476256.73*exp(-158.18*x)

South Korea marginal protection cost ratio

nls random pval = 0.01512
y=0+91.23*exp(−22.08*x)
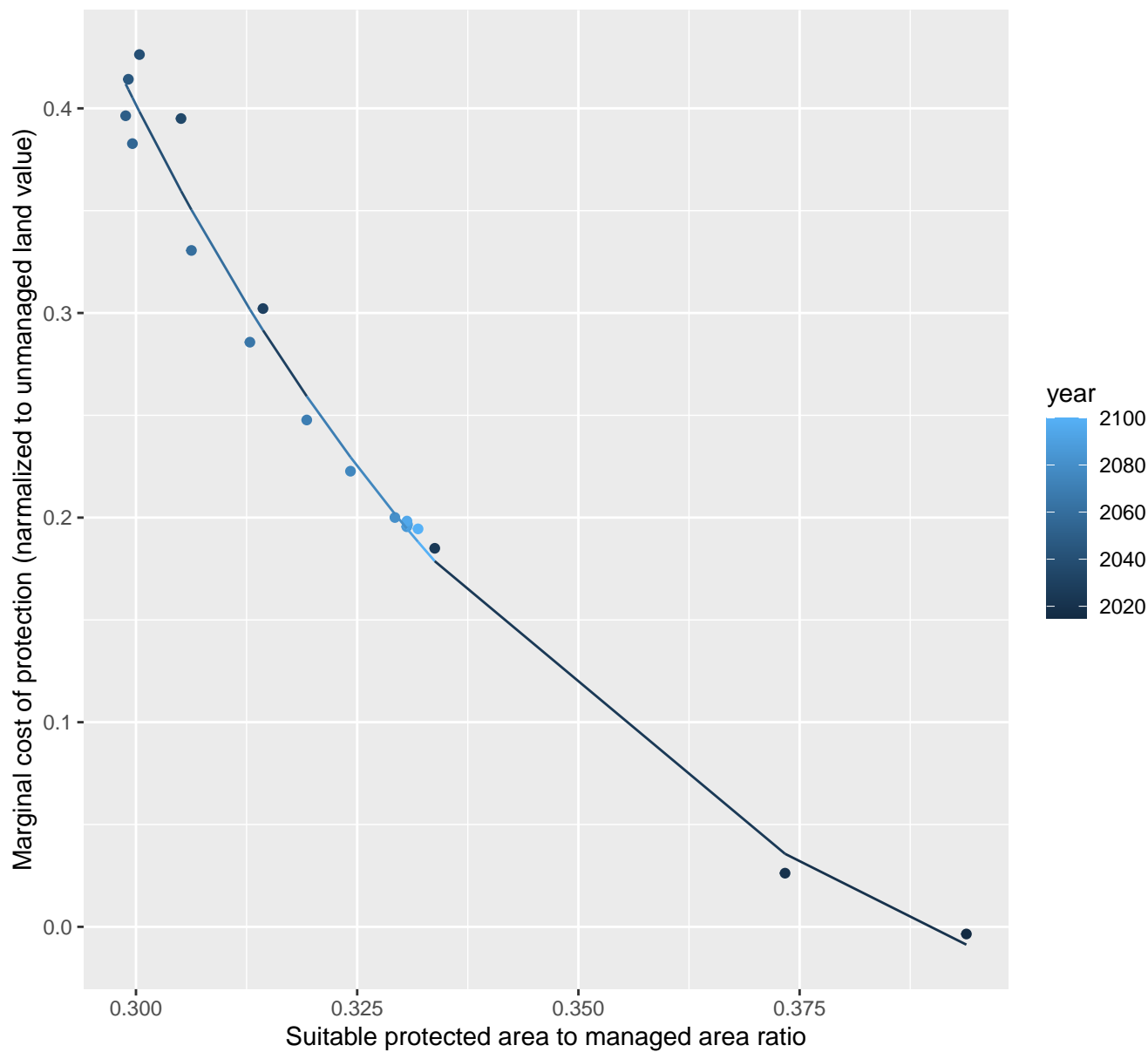
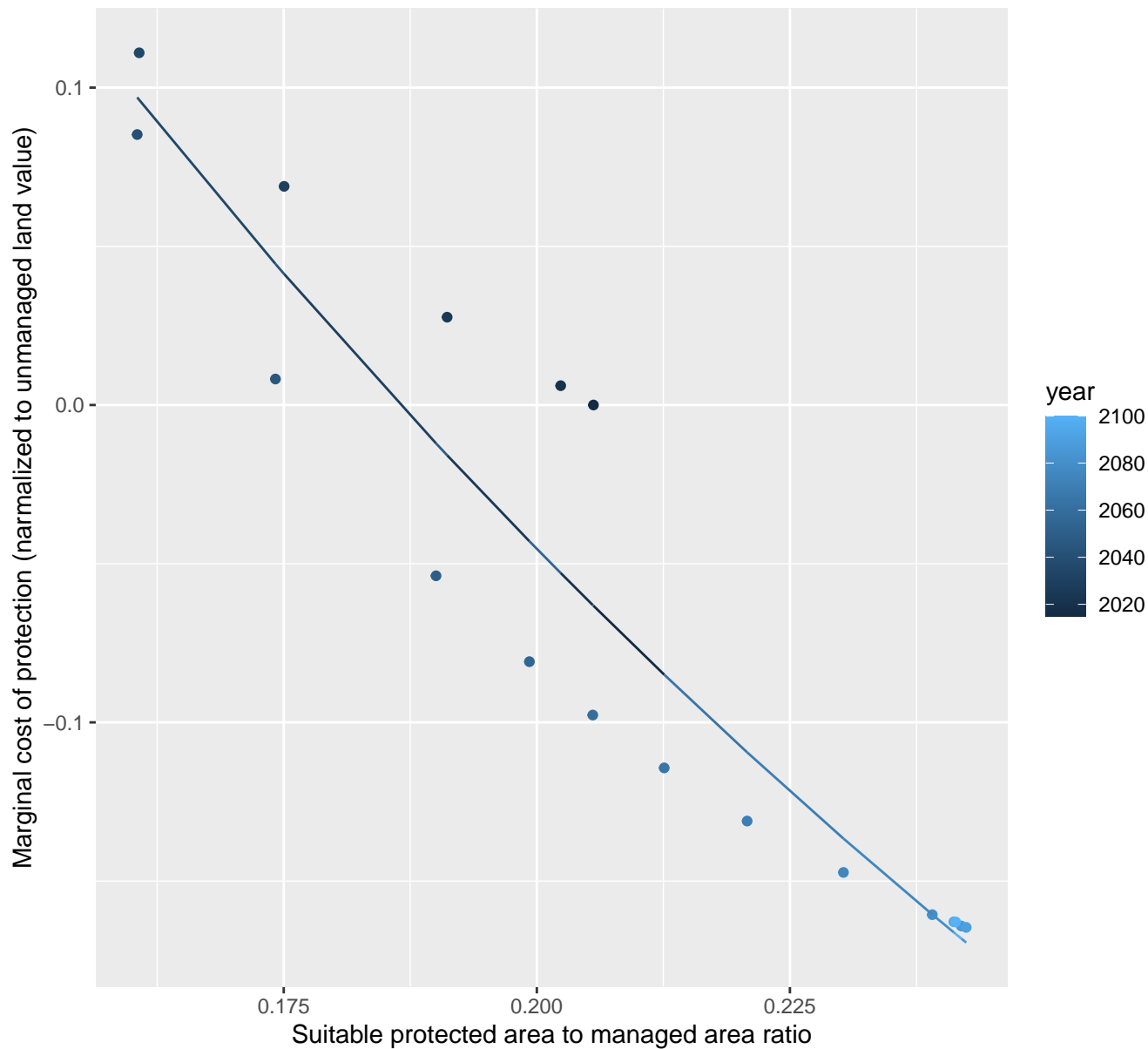Southeast Asia marginal protection cost ratio

nls random pval = 0.01512
y=−0.12+75.39*exp(−16.59*x)

Taiwan marginal protection cost ratio

nls random pval = 0.00067
y=−0.68+1.77*exp(−5.1*x)

USA marginal protection cost ratio

nls random pval = 0.00067
$y = 0.01 + 111.06 \cdot \exp(-41.66 \cdot x)$