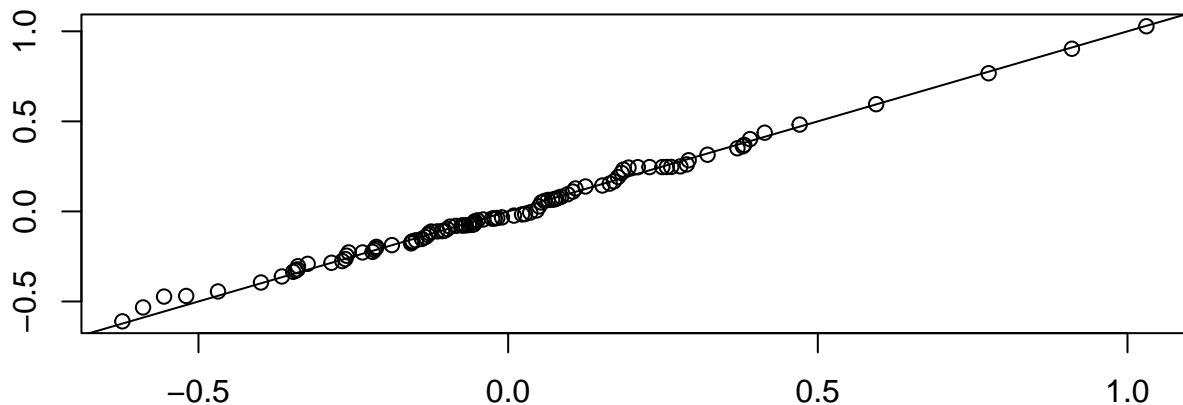**~~CVbiomass~Mchao + Habitat + Source + (1 | Site)**
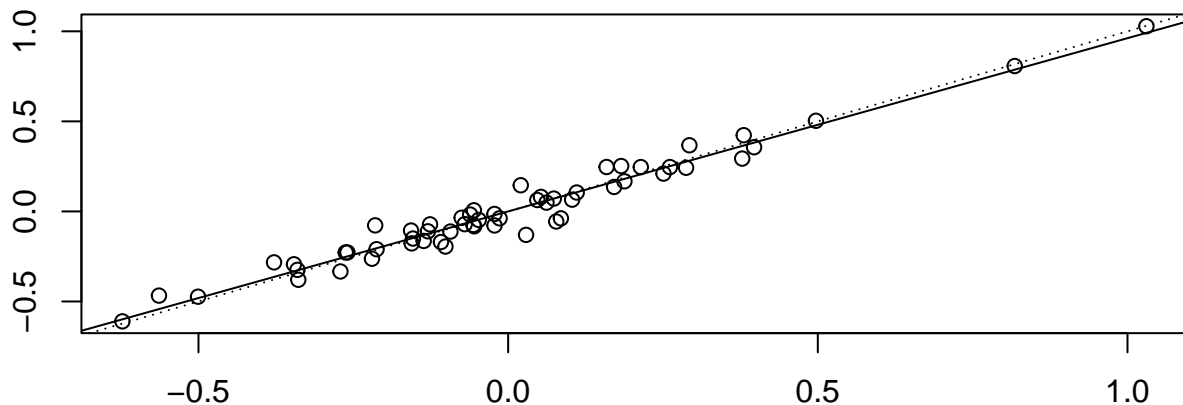
Residual Quantiles – Fish Effect

Residual Quantiles – Intercept only

Fish effect size:: –0.01 (SE=0.01)
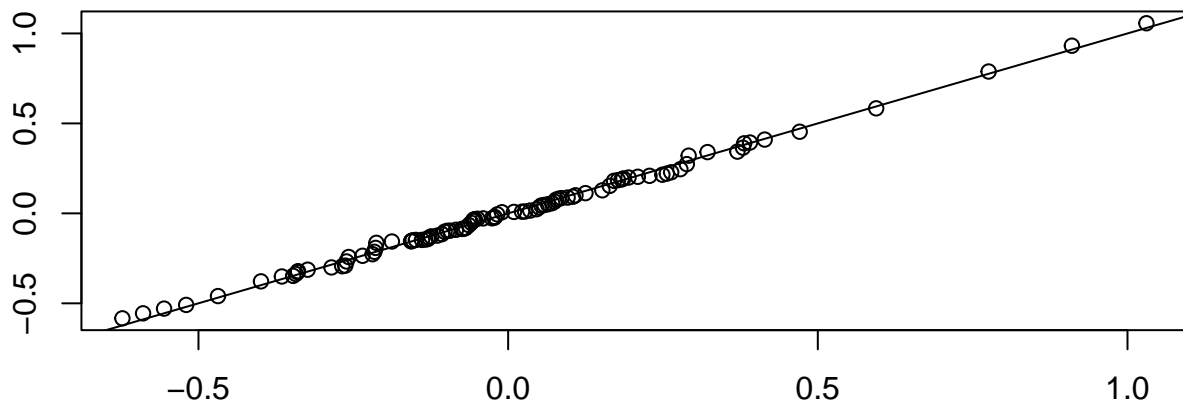
Fish attribute model

Intercept only model

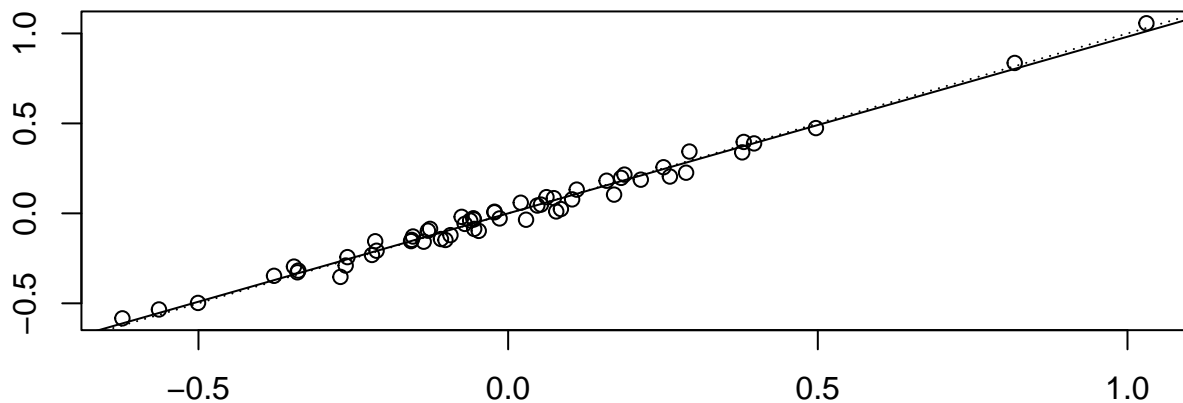**~~CVbiomass~Mlmax + Habitat + Source + (1 | Site)**

Residual Quantiles − Fish Effect

Residual Quantiles − Intercept only
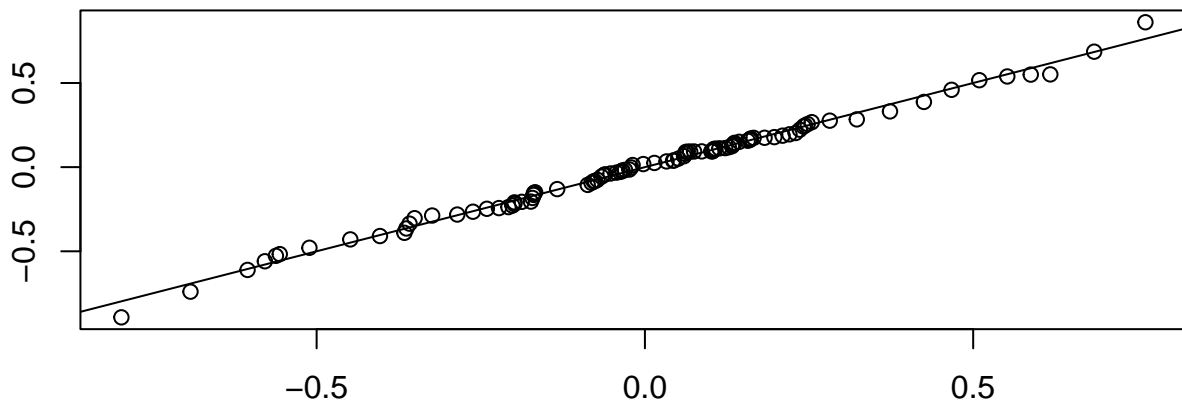
Fish effect size:: 0 (SE=0)

Fish attribute model

Intercept only model
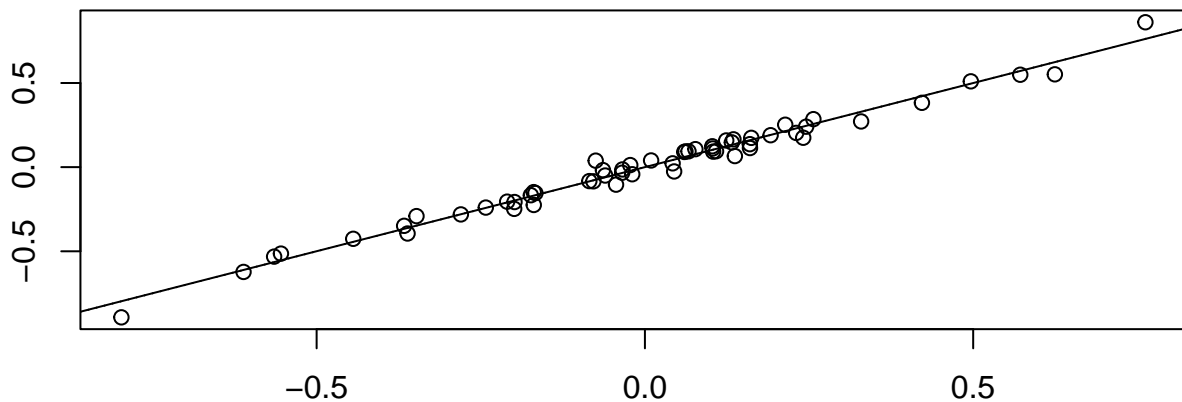
~~SDCoral~Mchao + Habitat + (1 | Site)

Residual Quantiles – Fish Effect

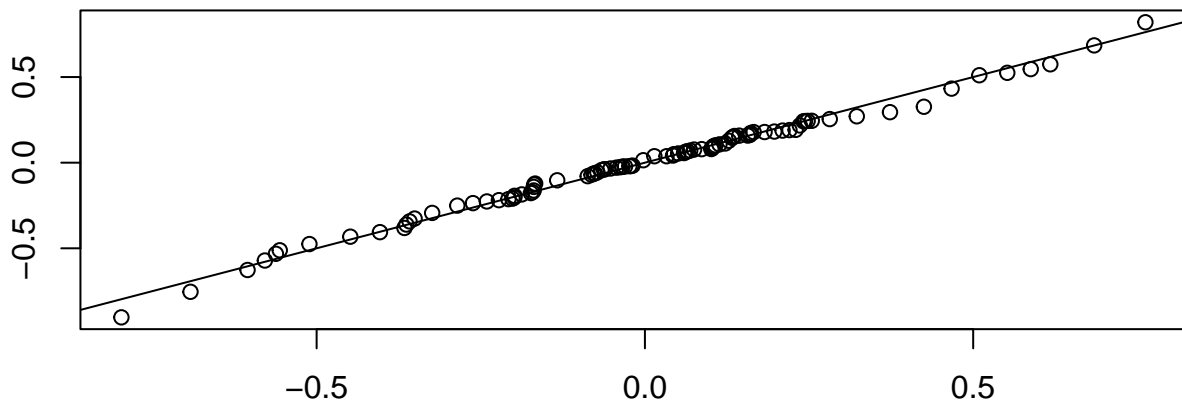Residual Quantiles – Intercept only

Fish effect size:: 0 (SE=0)

Fish attribute model

Intercept only model

~~SDCoral~Mdiv + Habitat + (1 | Site)

Fish effect size:: 0.17 (SE=0.16)
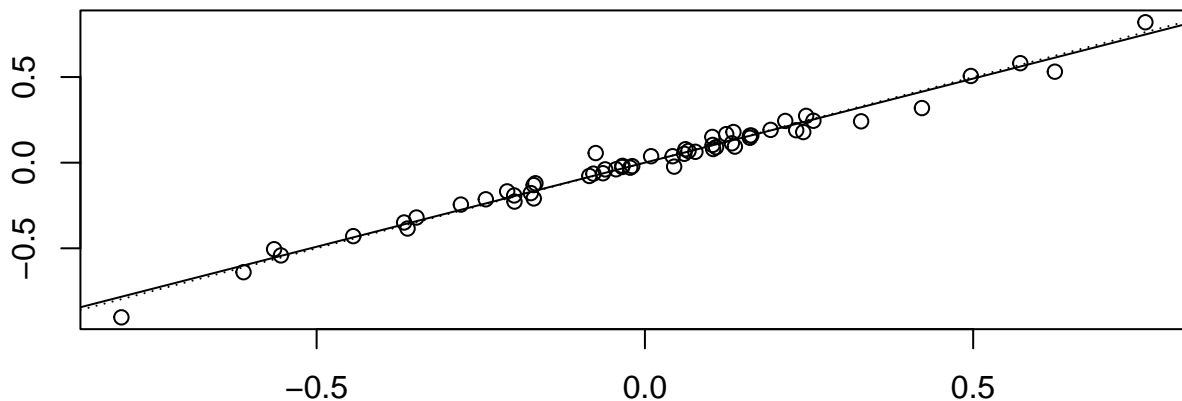
~~SDCoral~MImax + Habitat + (1 | Site)

Residual Quantiles – Fish Effect

Residual Quantiles – Intercept only

Fish effect size:: 0 (SE=0)

Fish attribute model

Intercept only model

~~SDMacro~Mbiomass + Habitat + (1 | Site)

Residual Quantiles – Fish Effect

Residual Quantiles – Intercept only

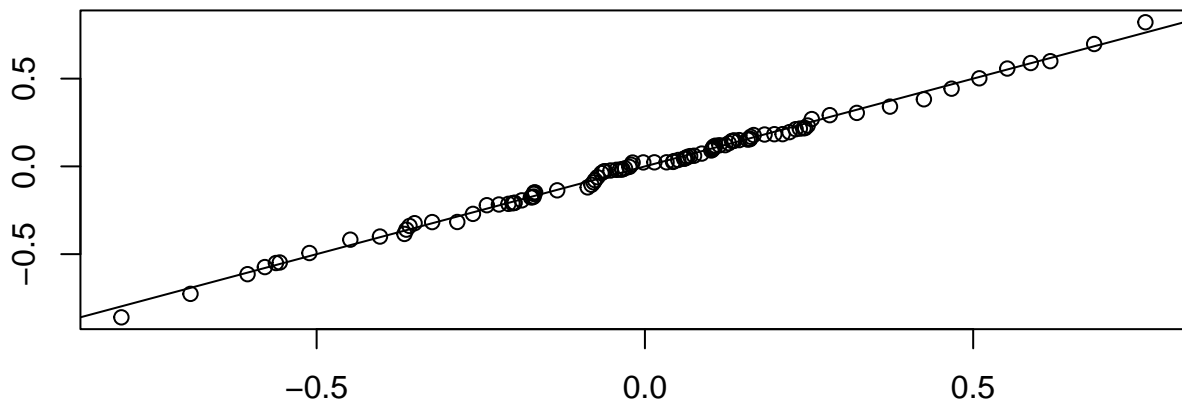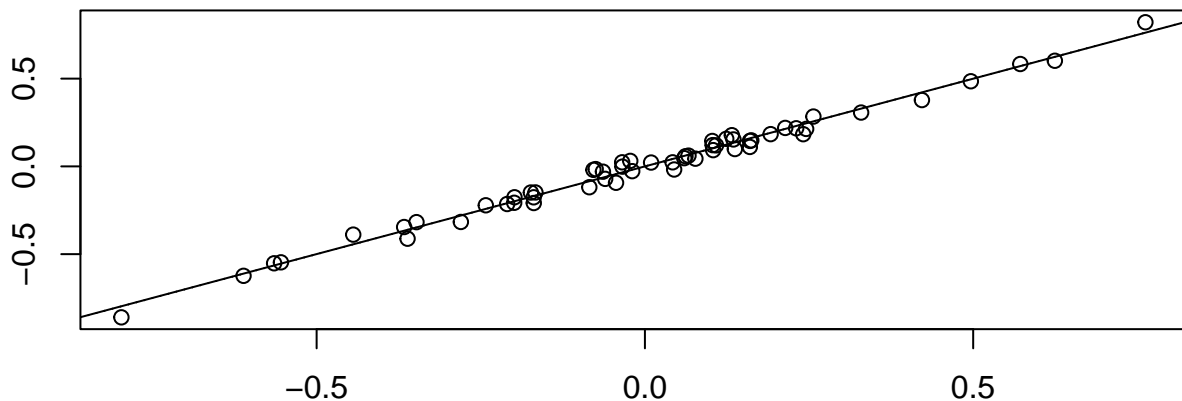**Fish effect size:: −0.06 (SE=0.06)**

Fish attribute model

Intercept only model

~~SDMacro~Mdiv + Habitat + (1 | Site)

Residual Quantiles – Fish Effect
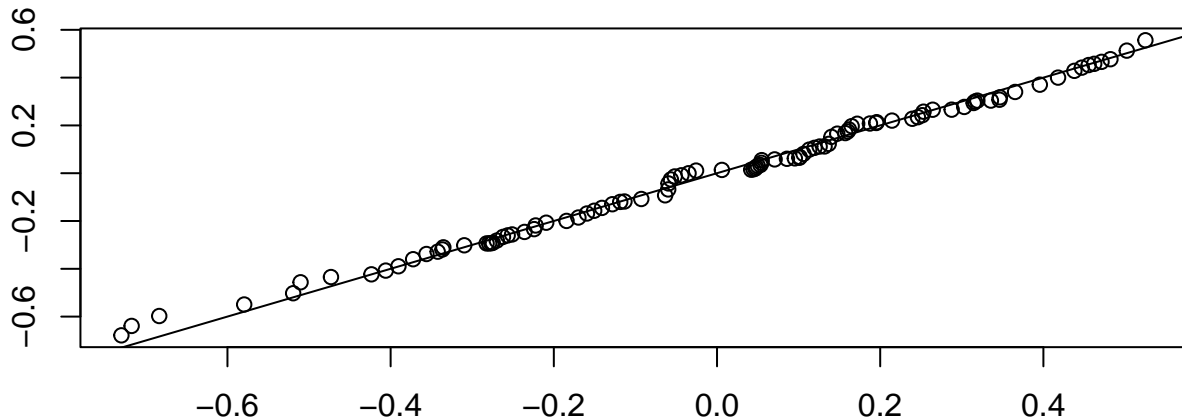
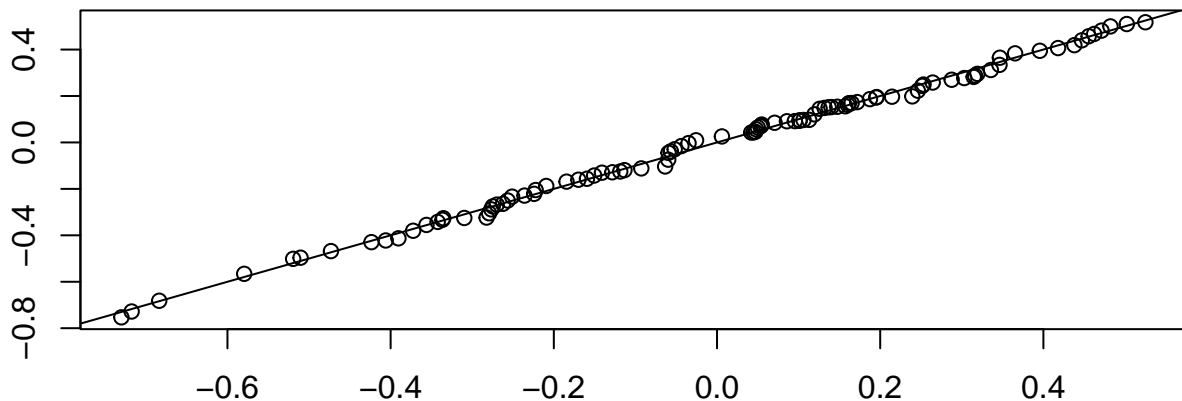Residual Quantiles – Intercept only

Fish effect size:: −0.14 (SE=0.12)

Fish attribute model

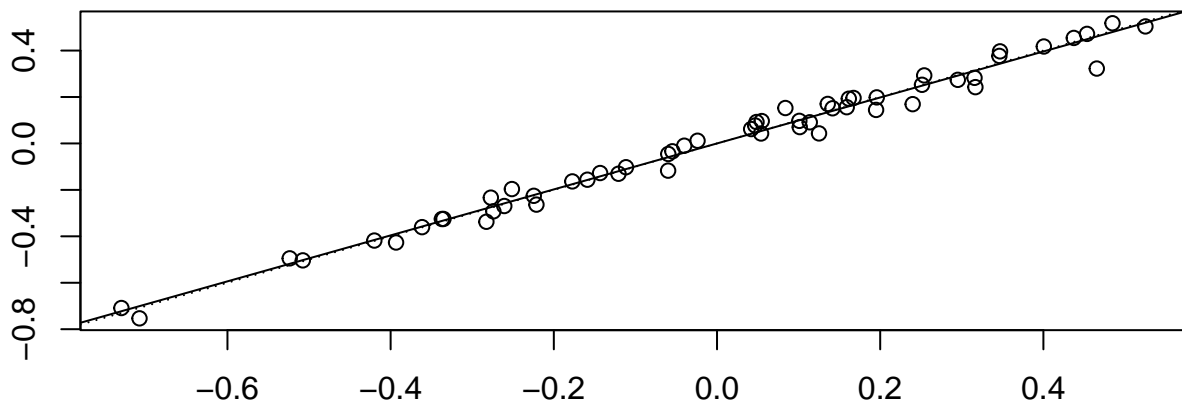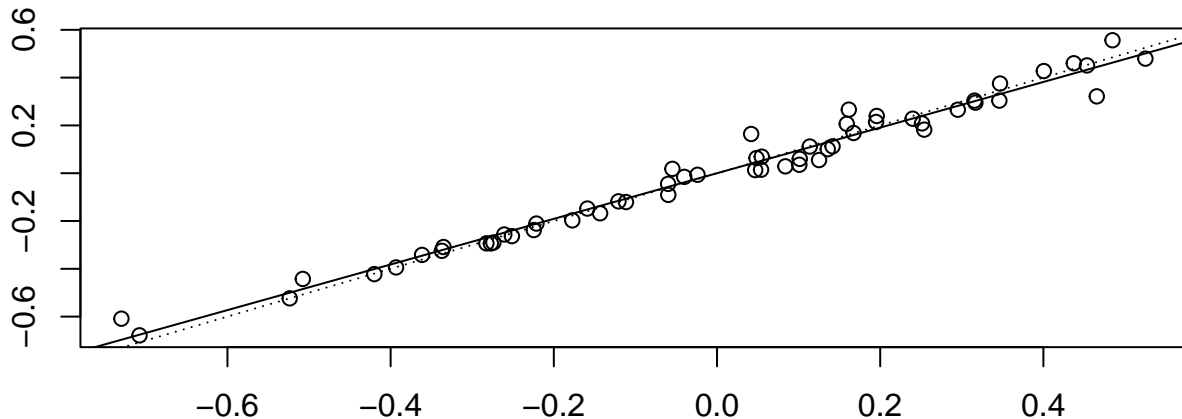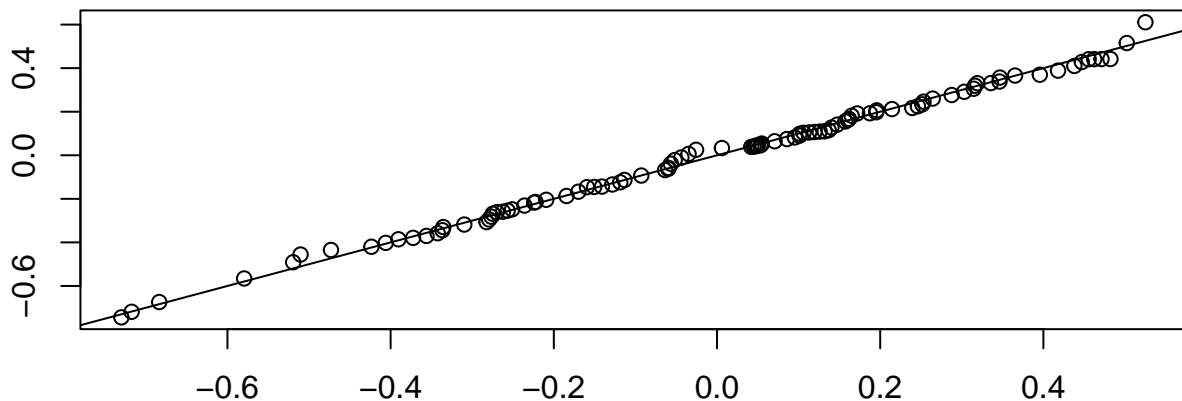Intercept only model
Residual slope:: 0.955 t.stat:: 2.28
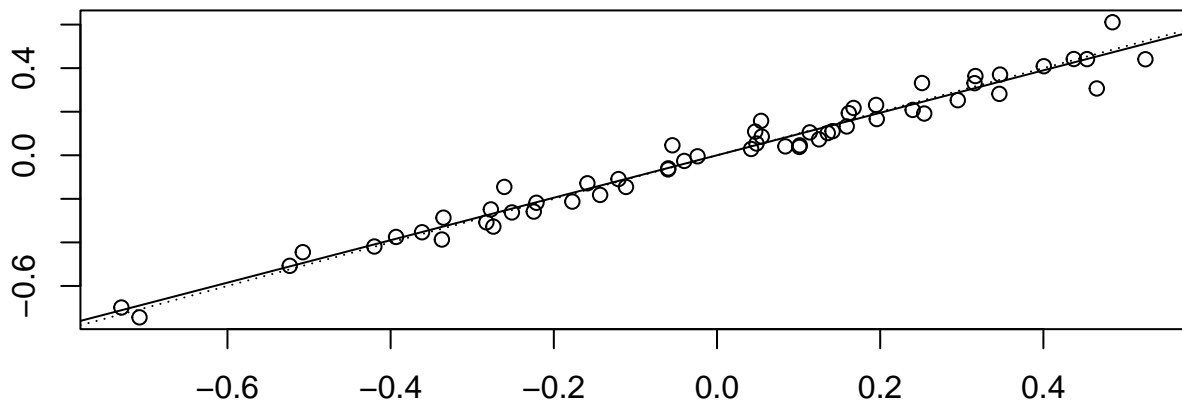
~~SDMacro~MtI + Habitat + (1 | Site)

Residual Quantiles – Fish Effect

Residual Quantiles – Intercept only
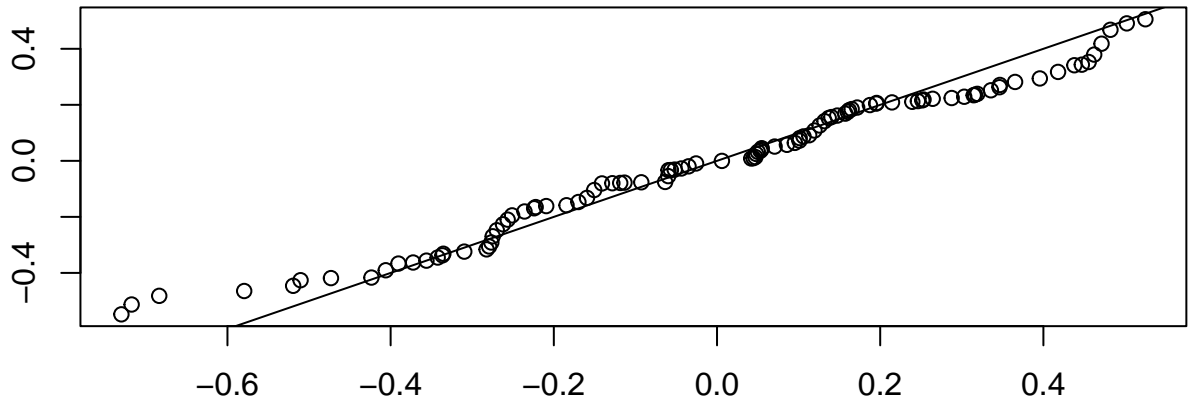
Fish effect size:: 0.54 (SE=0.41)

Fish attribute model

Intercept only model
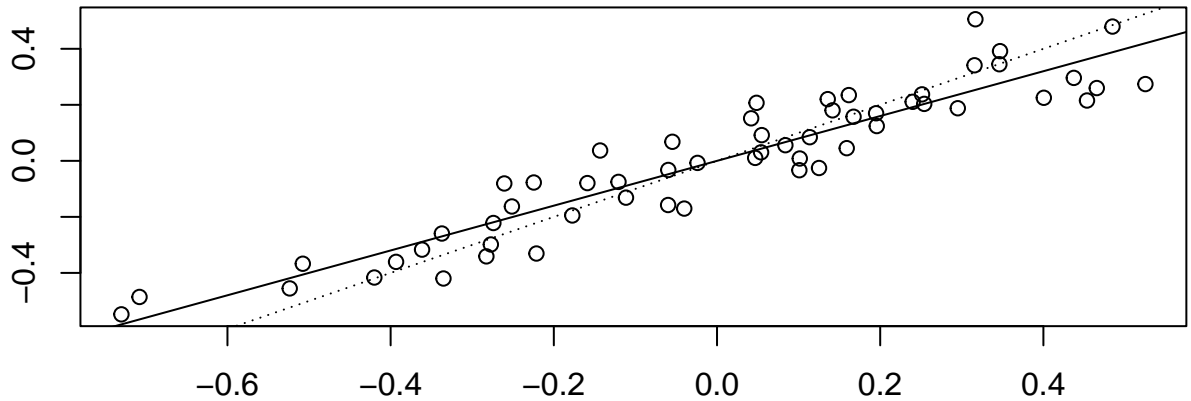
~~SDMacro~MImax * Habitat + (1 | Site)

Residual Quantiles – Fish Effect

Residual Quantiles – Intercept only

Fish effect size:: 0.01 (SE=0)

Fish attribute model

Intercept only model
Residual slope:: 0.8 t.stat:: 4.87