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

Residual Quantiles – Fish Effect

Residual Quantiles – Intercept only
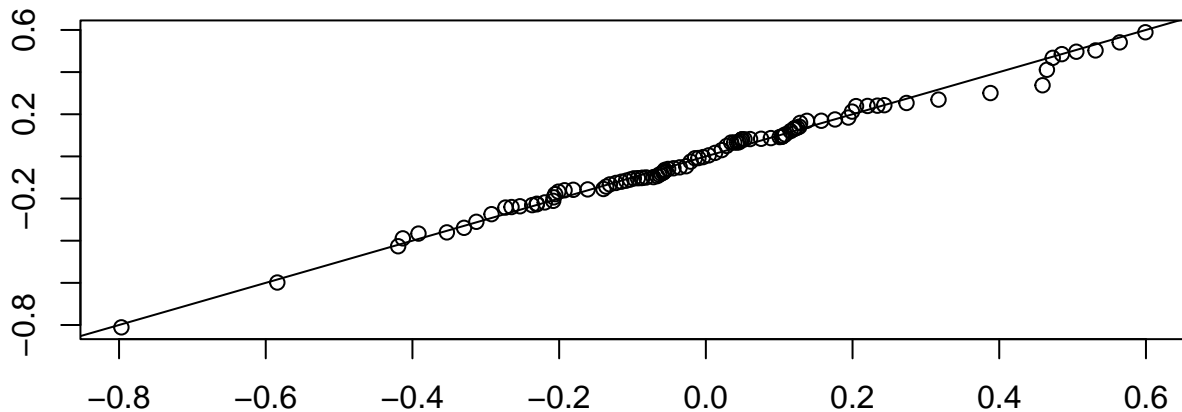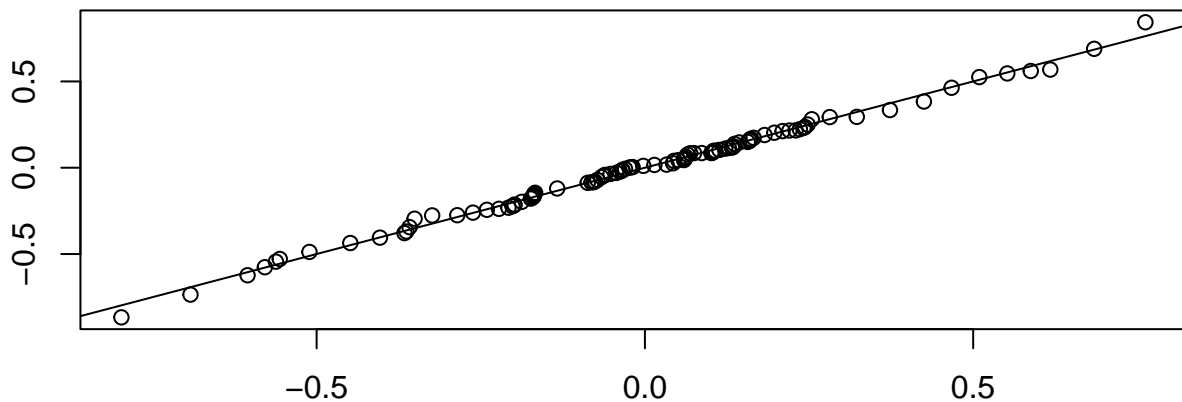
**Fish effect size:: –0.26 (SE=0.17)**

Fish attribute model
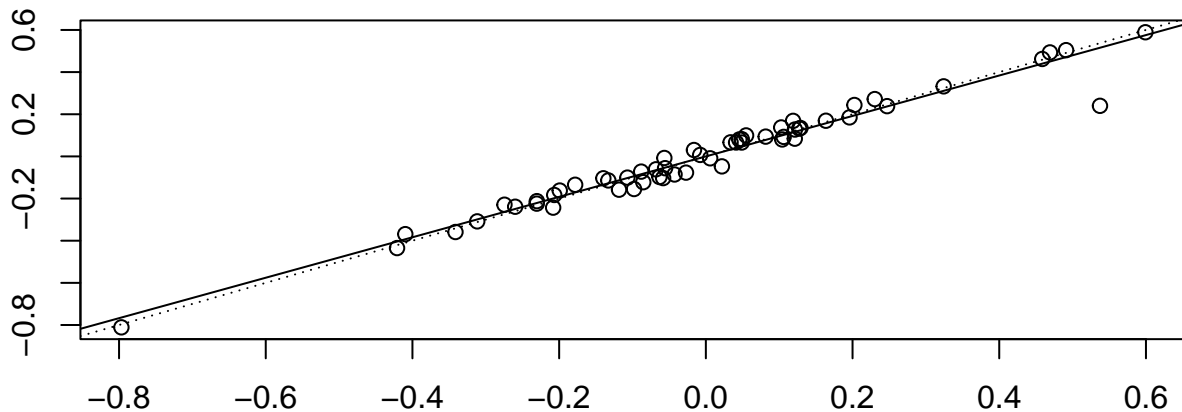
Intercept only model

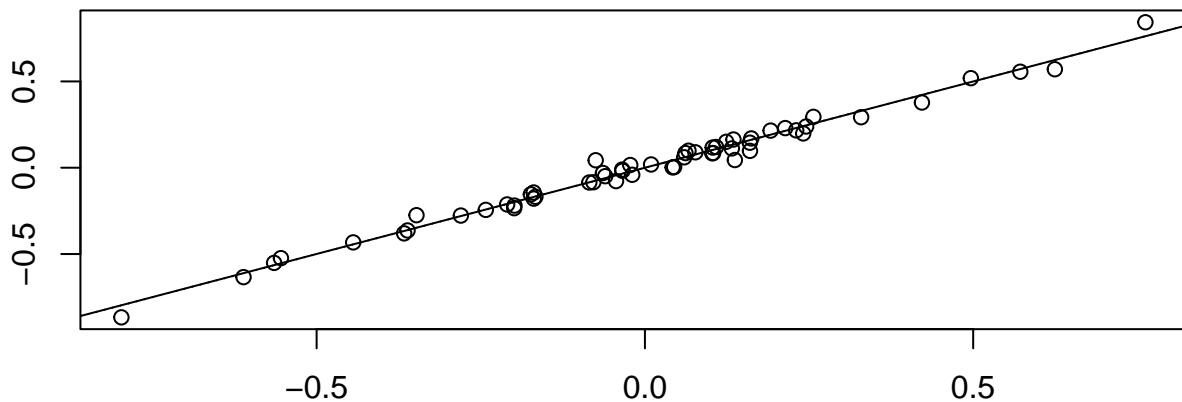**~~SDCoral~Mchao + Habitat + (1 | Site)**

Residual Quantiles – Fish Effect

Residual Quantiles – Intercept only

**Fish effect size:: 0.01 (SE=0.01)**

Fish attribute model

Intercept only model

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

Residual Quantiles – Fish Effect

Residual Quantiles – Intercept only

**Fish effect size:: 0.13 (SE=0.16)**

Fish attribute model

Intercept only model

**~~SDCoral~Mlmax + Habitat + (1 | Site)**

Residual Quantiles – Fish Effect

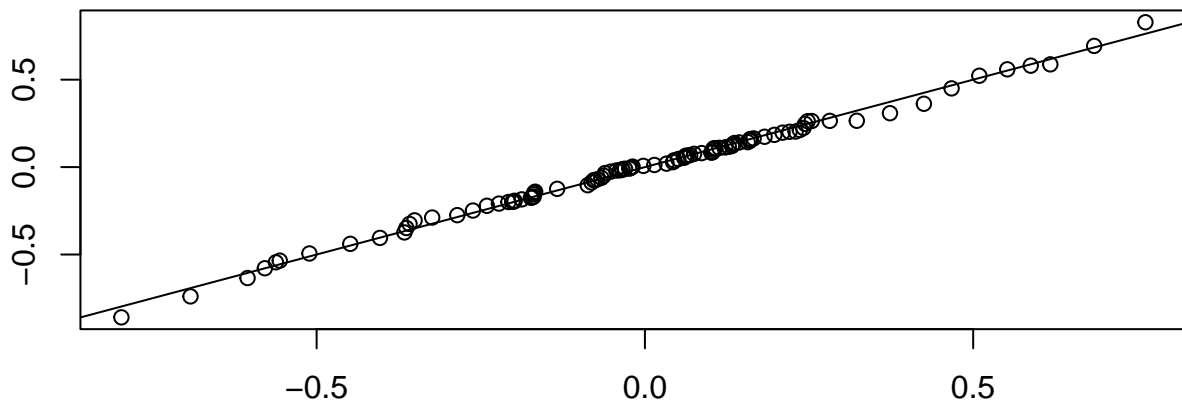Residual Quantiles – Intercept only

**Fish effect size:: 0 (SE=0)**

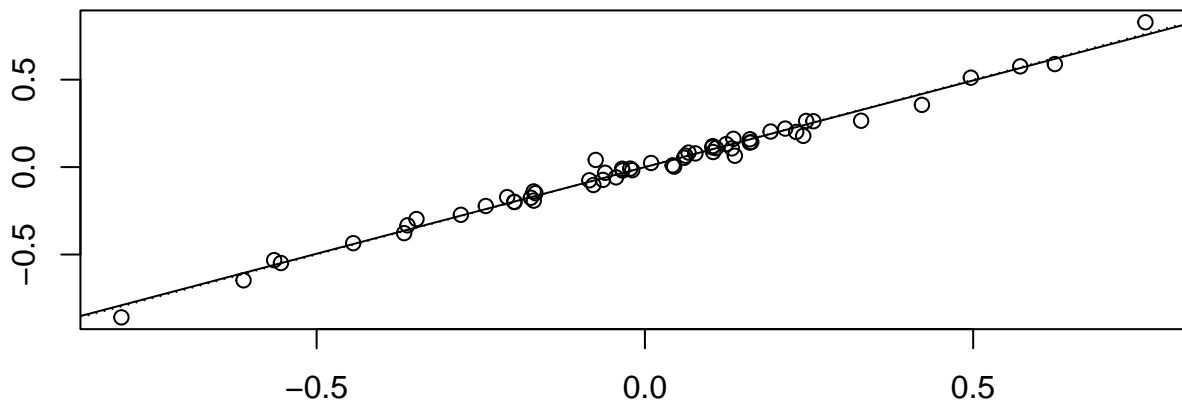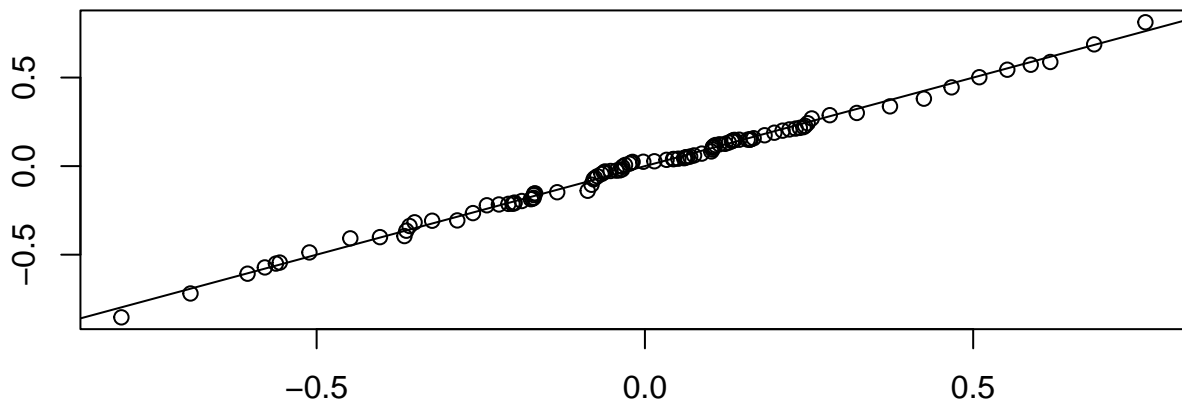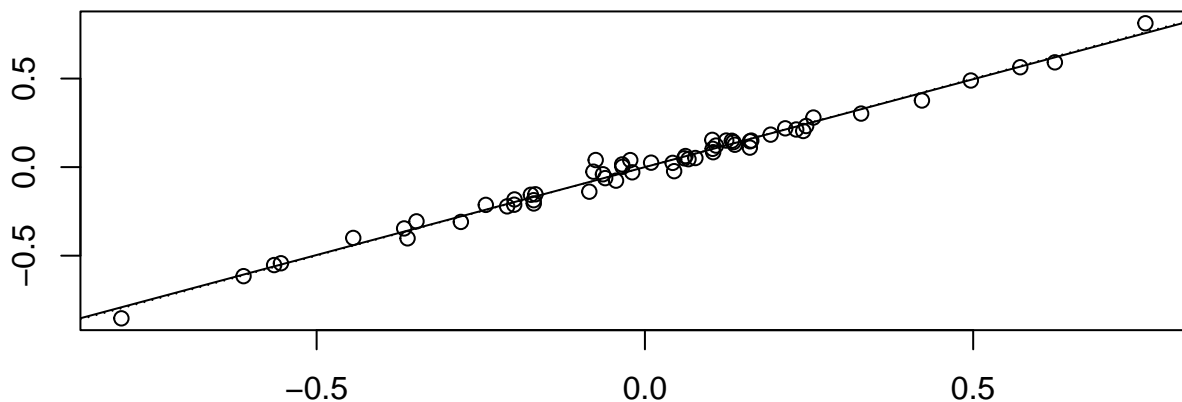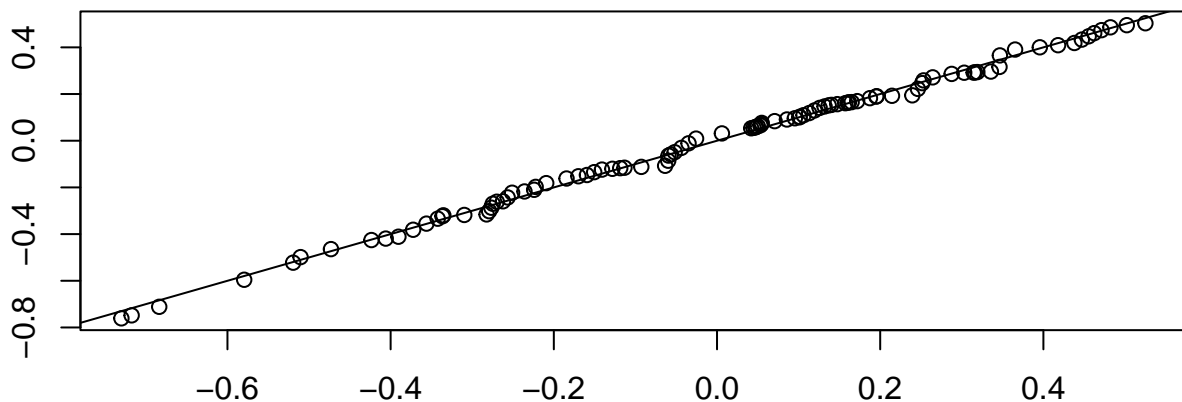Fish attribute model

Intercept only model

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

Residual Quantiles – Fish Effect

Residual Quantiles – Intercept only

**Fish effect size:: –0.05 (SE=0.05)**

Fish attribute model

Intercept only model

**~~SDMacro~Mchao \* Habitat + (1 | Site)**

Residual Quantiles – Fish Effect

Residual Quantiles – Intercept only

**Fish effect size:: 0.03 (SE=0.01)**
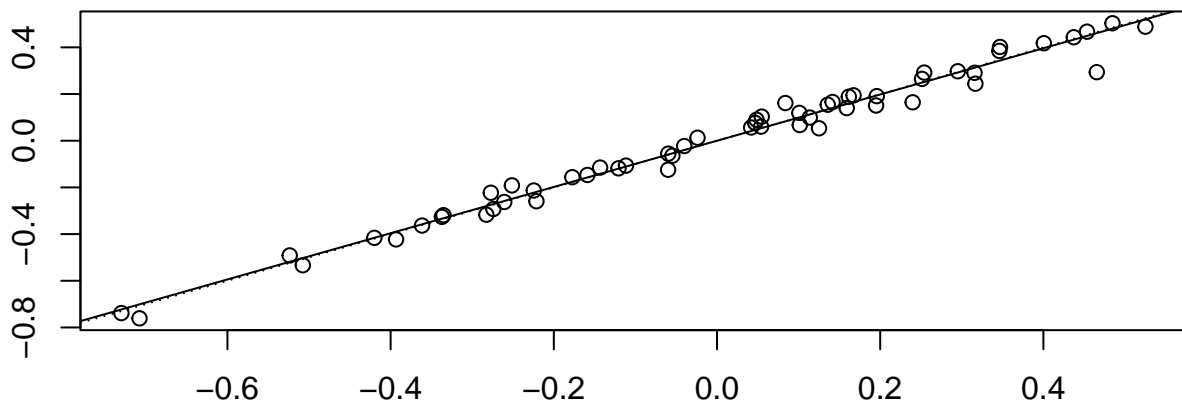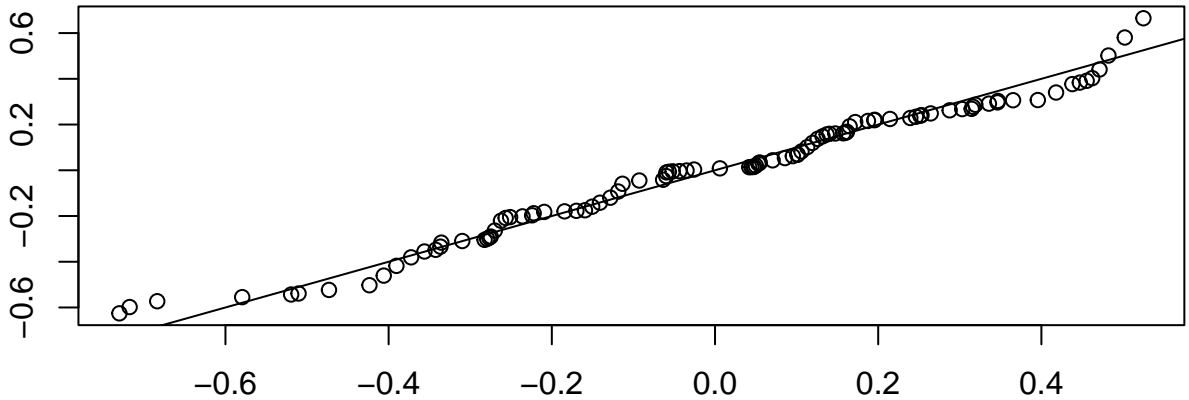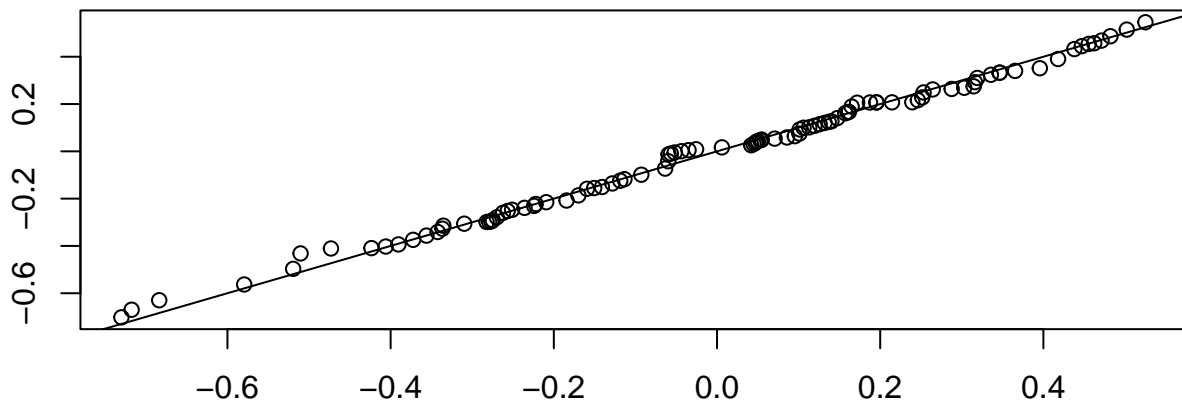
Fish attribute model
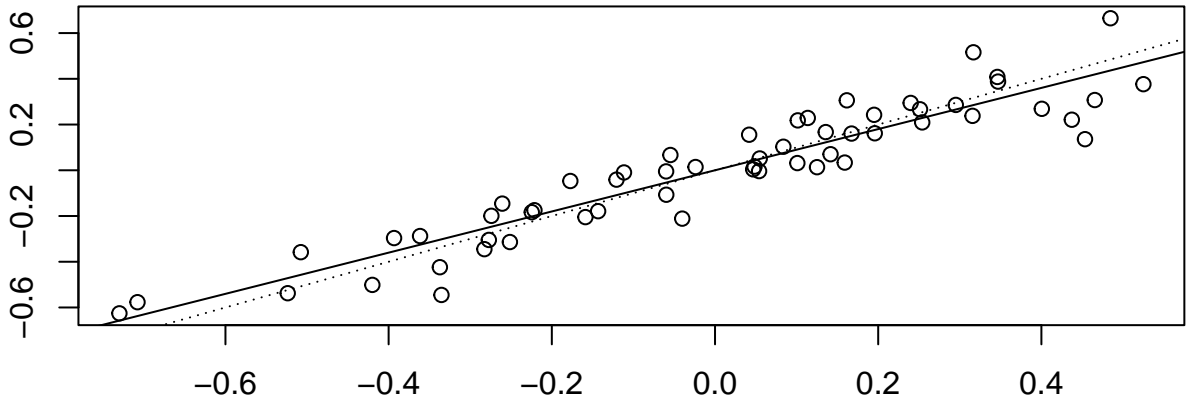
Intercept only model
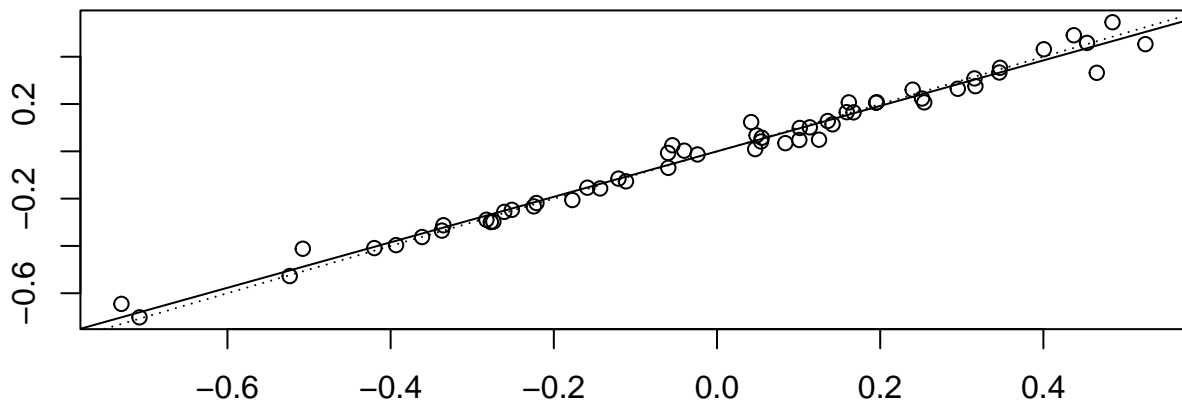
Residual slope:: 0.901   t.stat:: 2.14

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

Residual Quantiles – Fish Effect

Residual Quantiles – Intercept only
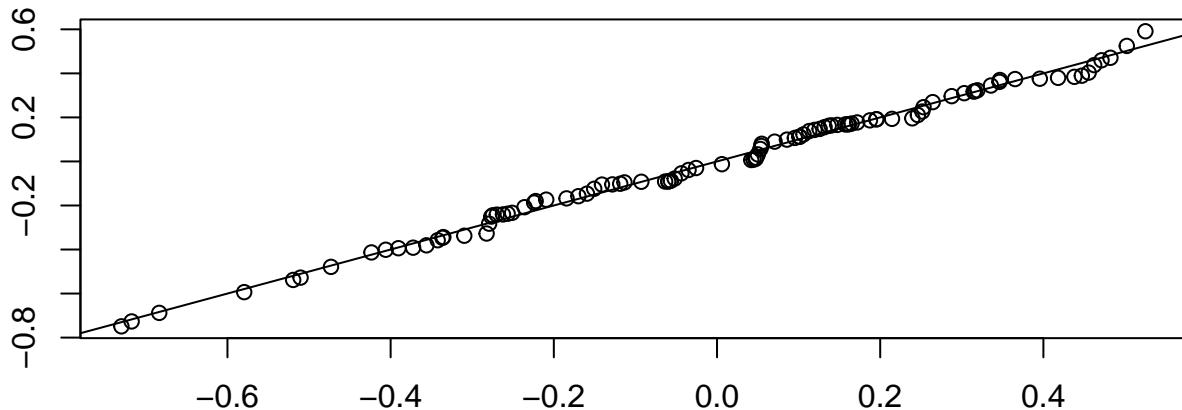
**Fish effect size:: −0.12 (SE=0.12)**

Fish attribute model

Intercept only model
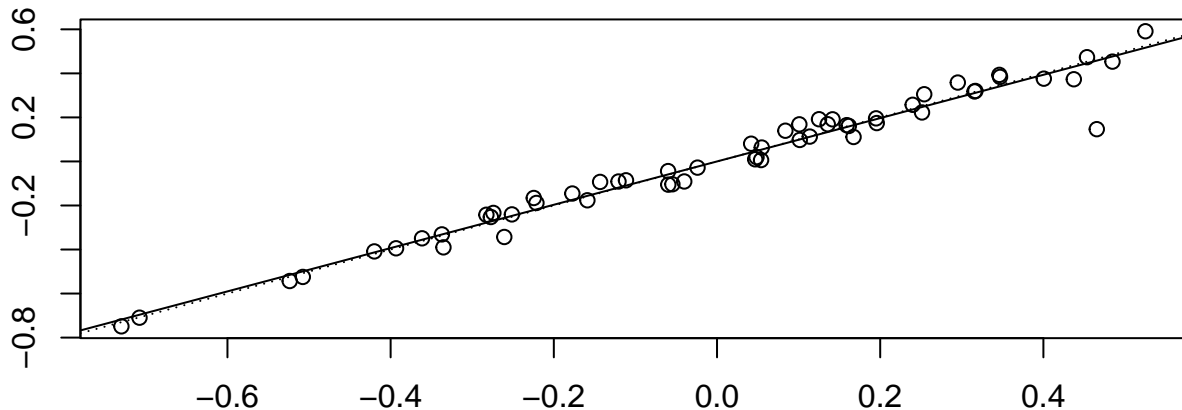Residual slope:: 0.962  t.stat:: 2.23

**~~SDMacro~MtI + Habitat + (1 | Site)**
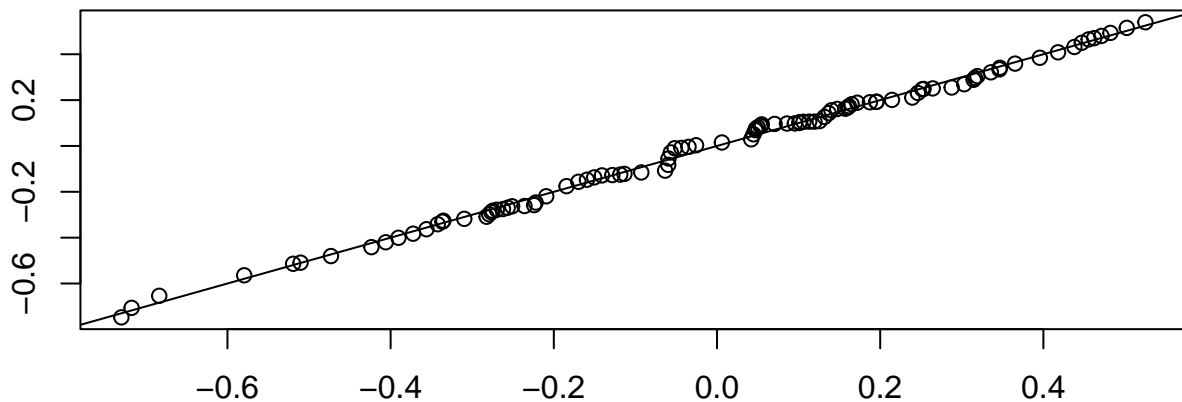
Residual Quantiles – Fish Effect

Residual Quantiles – Intercept only

**Fish effect size:: −0.3 (SE=0.21)**

Fish attribute model

Intercept only model

**~~SDMacro~MImax + Habitat + (1 | Site)**

Residual Quantiles – Fish Effect

Residual Quantiles – Intercept only

**Fish effect size:: 0 (SE=0)**

Fish attribute model

Intercept only model