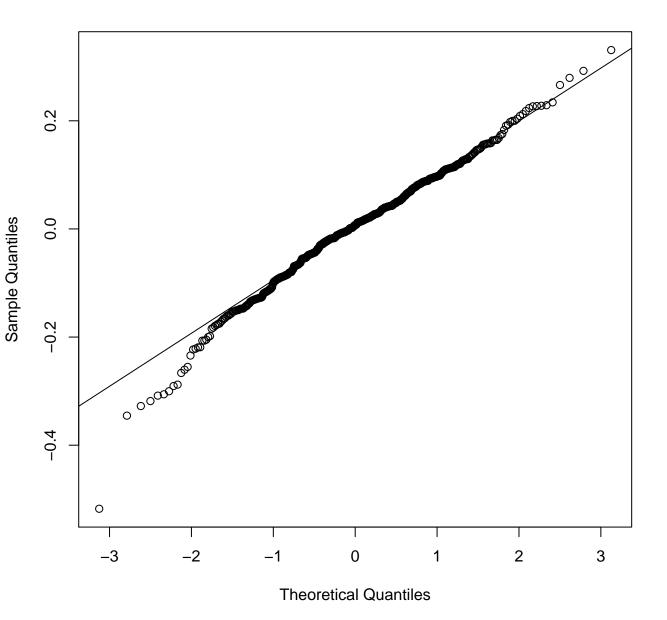
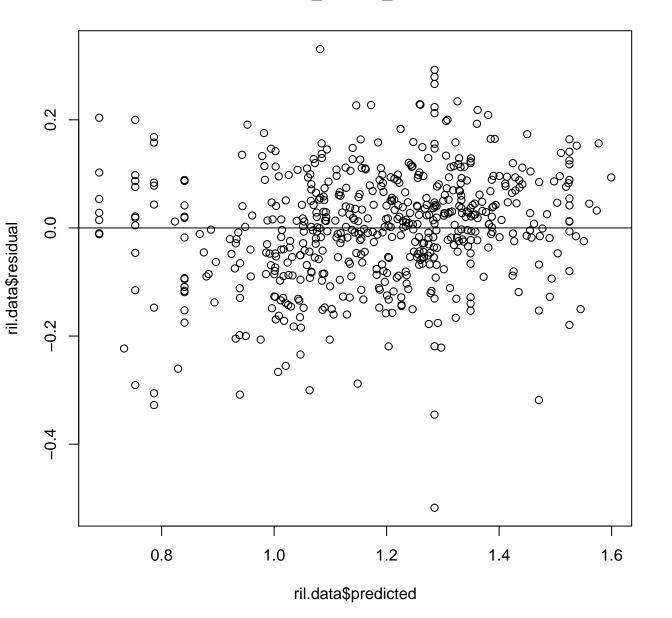
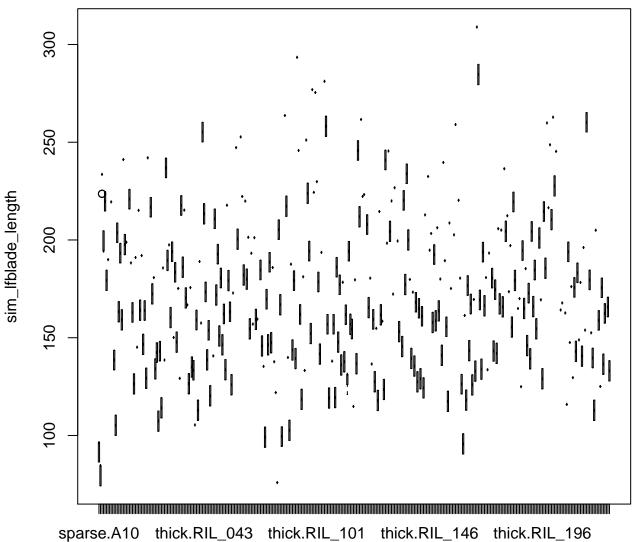


sparse.A10 thick.RIL\_043 thick.RIL\_101 thick.RIL\_146 thick.RIL\_196 density\_2013.model

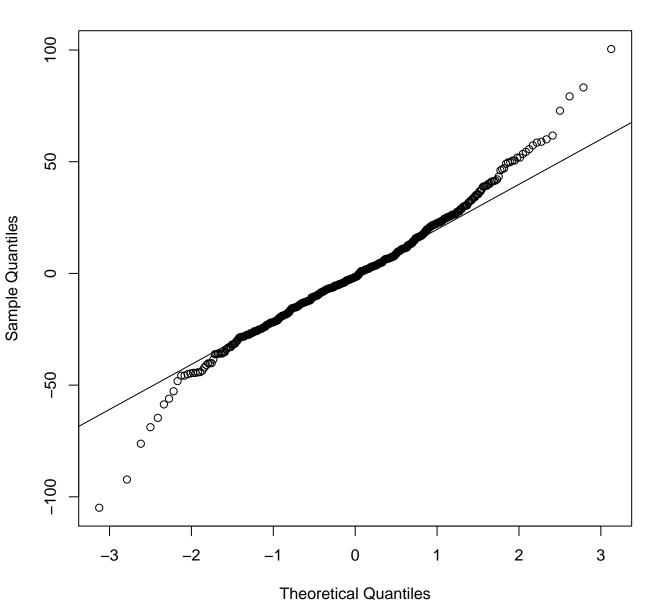


### sim\_lfblade\_area

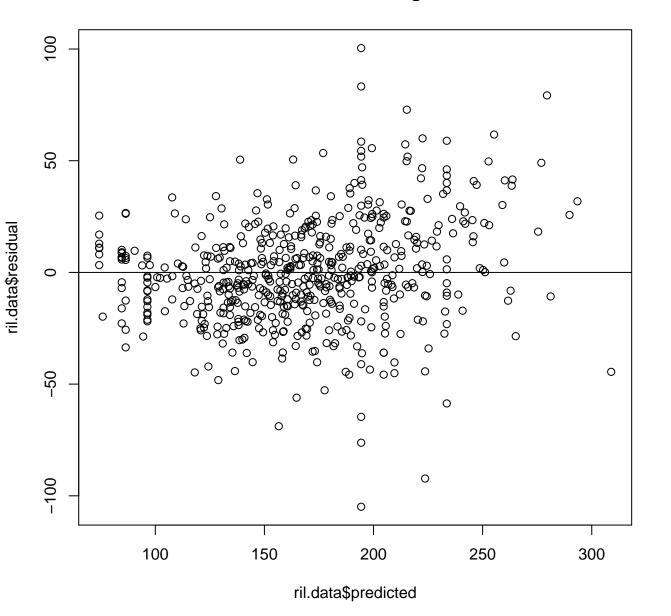


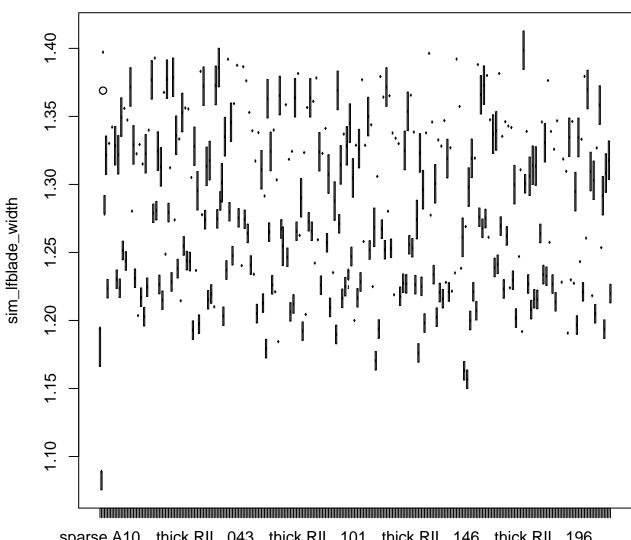


thick.RIL\_043 thick.RIL\_101 thick.RIL\_146 thick.RIL\_196 density\_2013.model

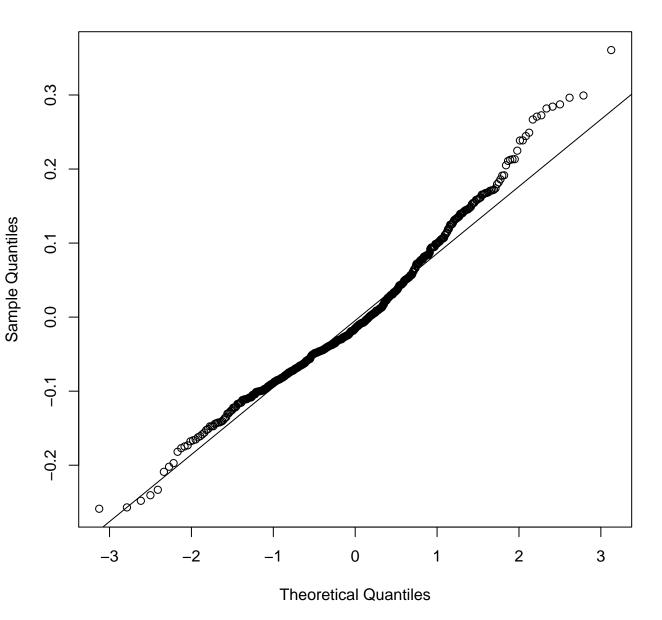


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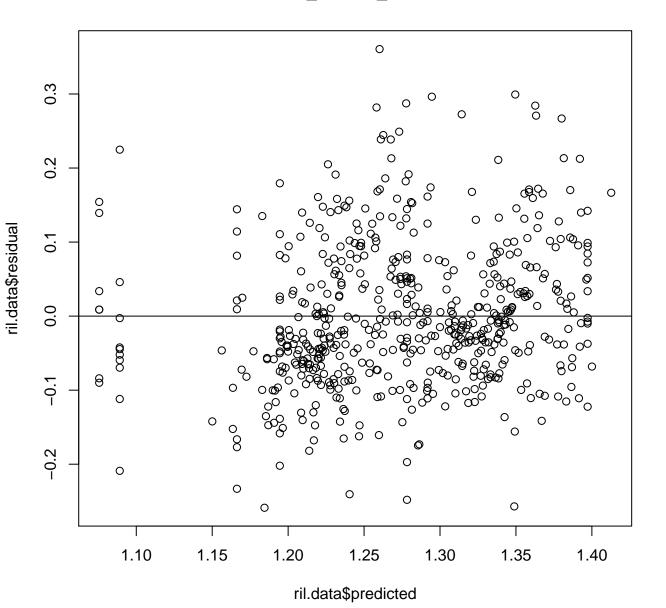


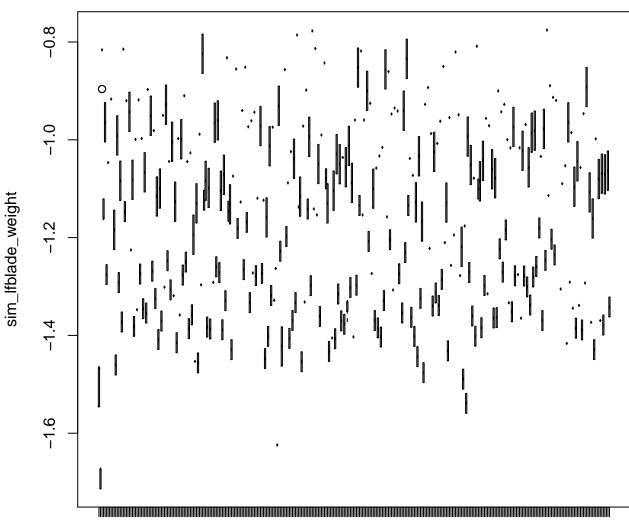


sparse.A10 thick.RIL\_043 thick.RIL\_101 thick.RIL\_146 thick.RIL\_196 density\_2013.model

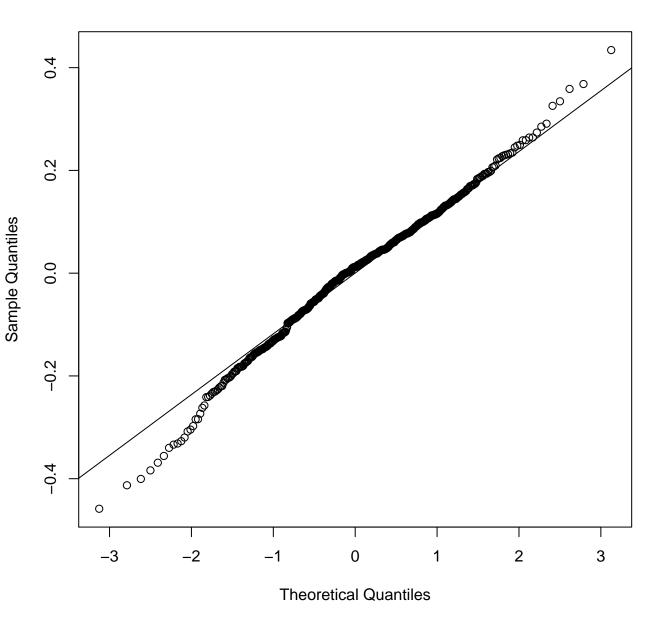


### sim\_lfblade\_width

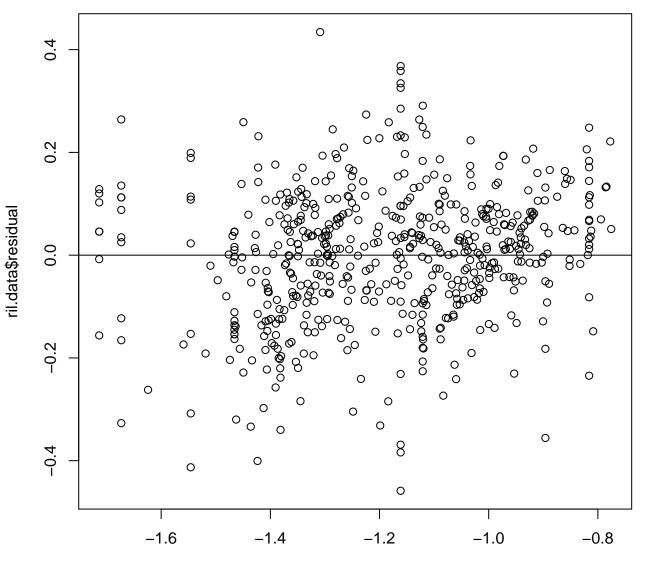




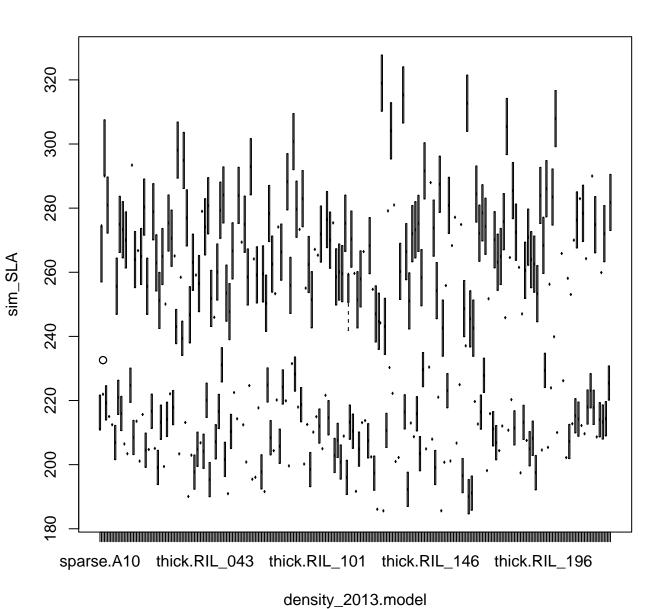
sparse.A10 thick.RIL\_043 thick.RIL\_101 thick.RIL\_146 thick.RIL\_196 density\_2013.model

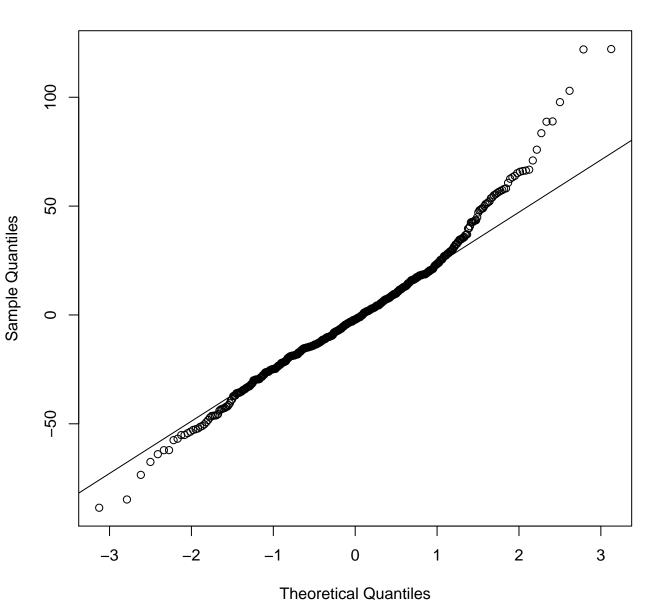


### sim\_lfblade\_weight

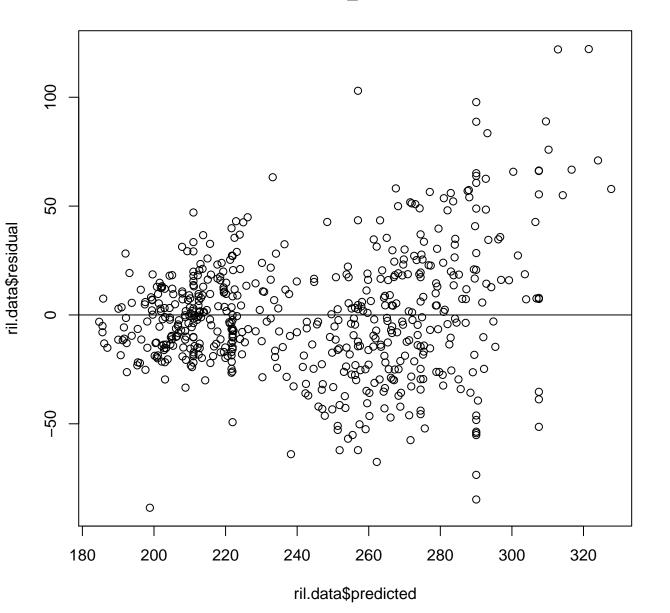


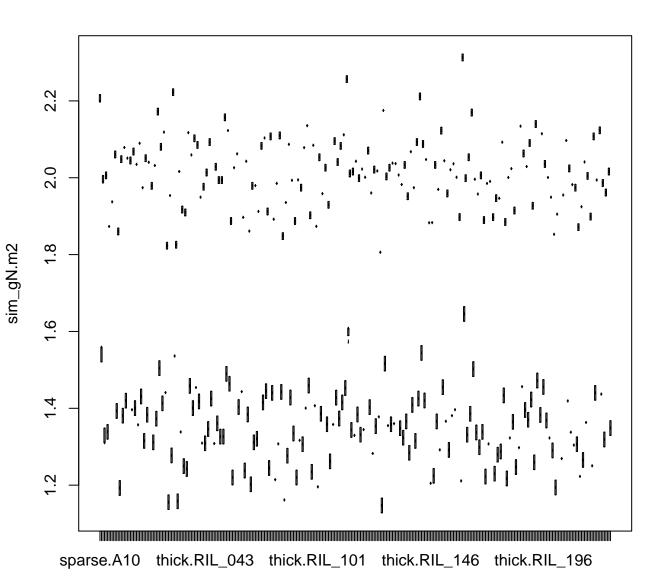
ril.data\$predicted



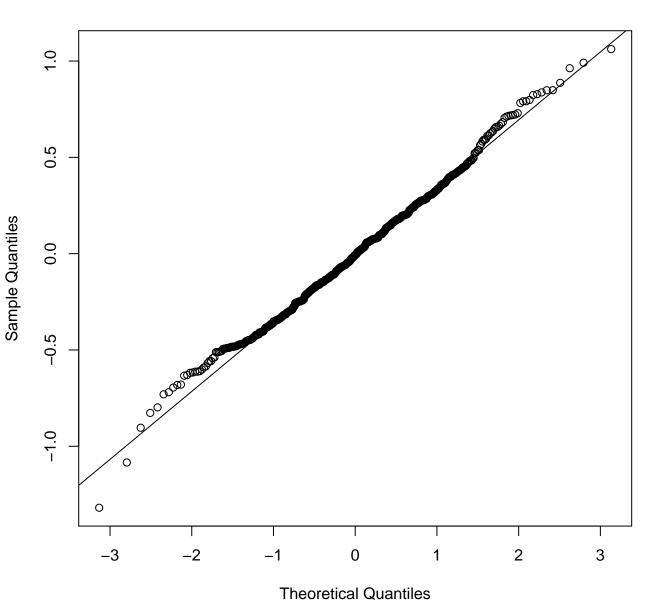


sim\_SLA

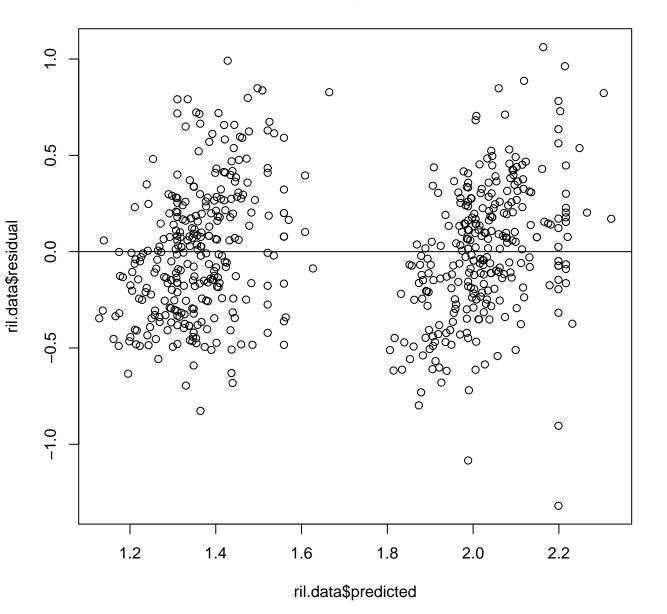


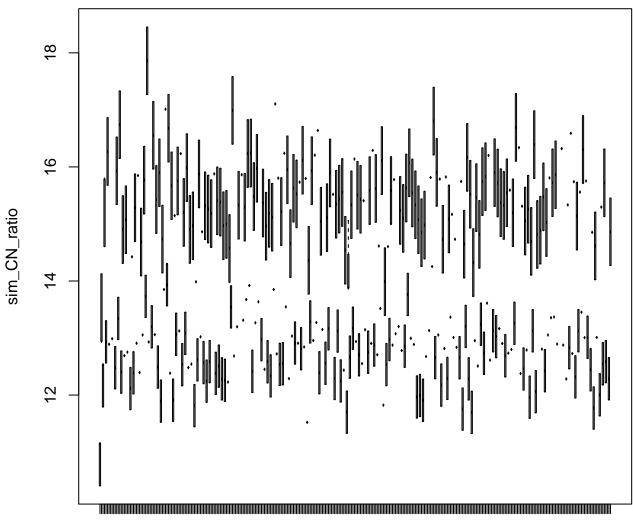


density\_2013.model

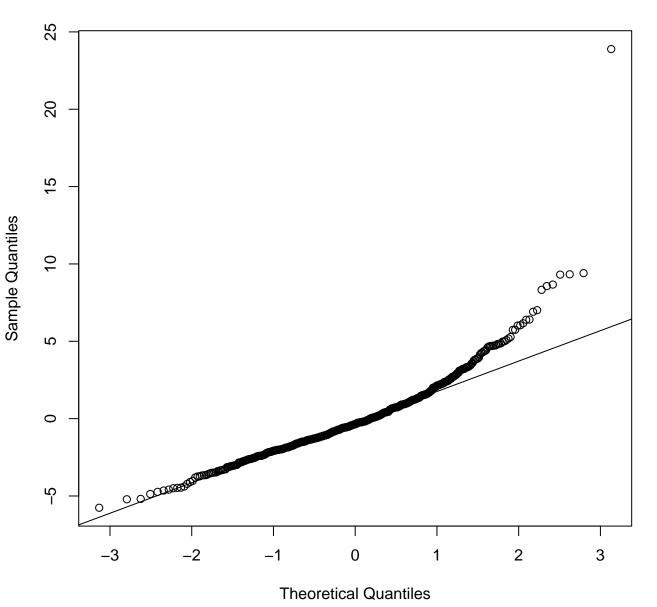


## sim\_gN.m2

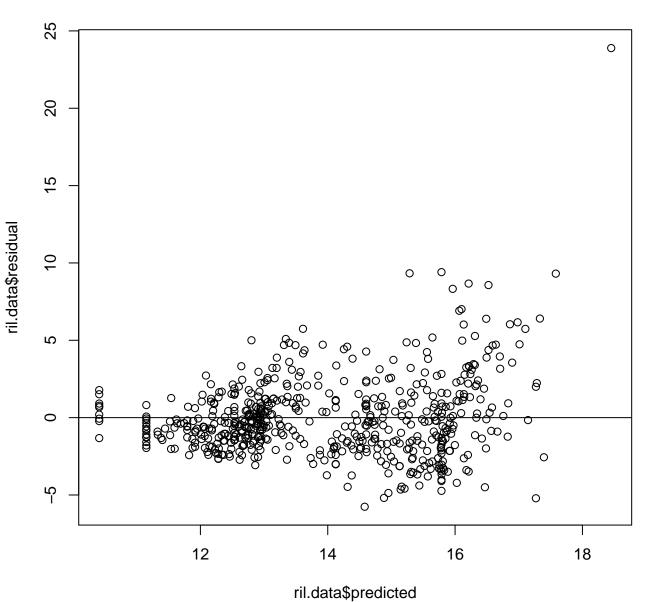


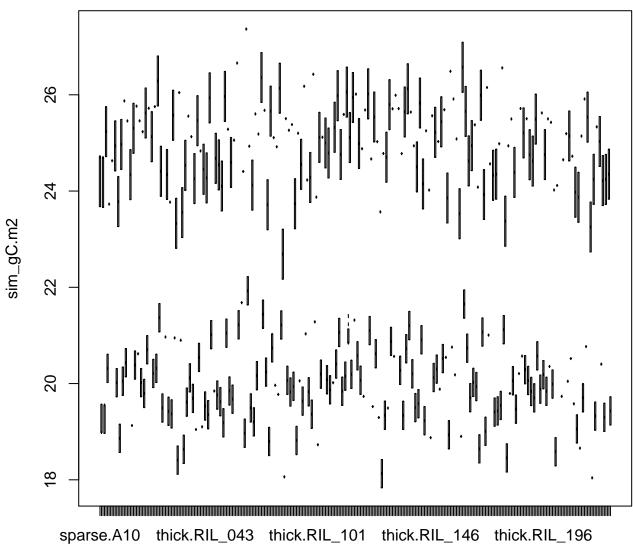


sparse.A10 thick.RIL\_043 thick.RIL\_101 thick.RIL\_146 thick.RIL\_196 density\_2013.model

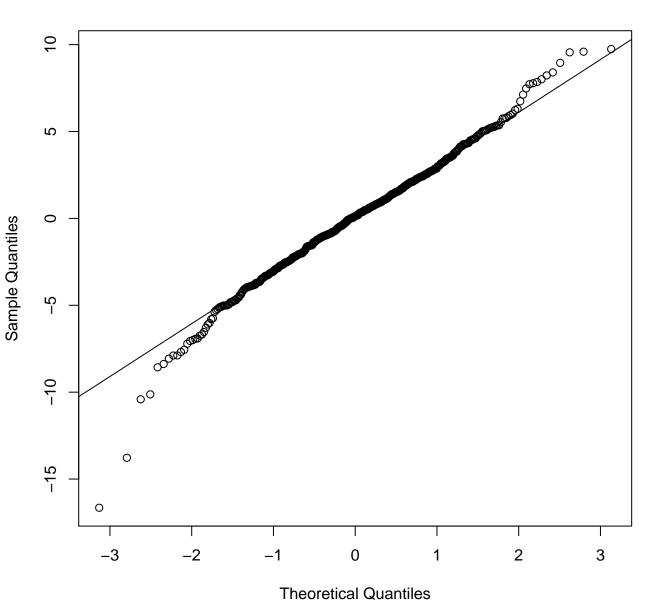


# sim\_CN\_ratio

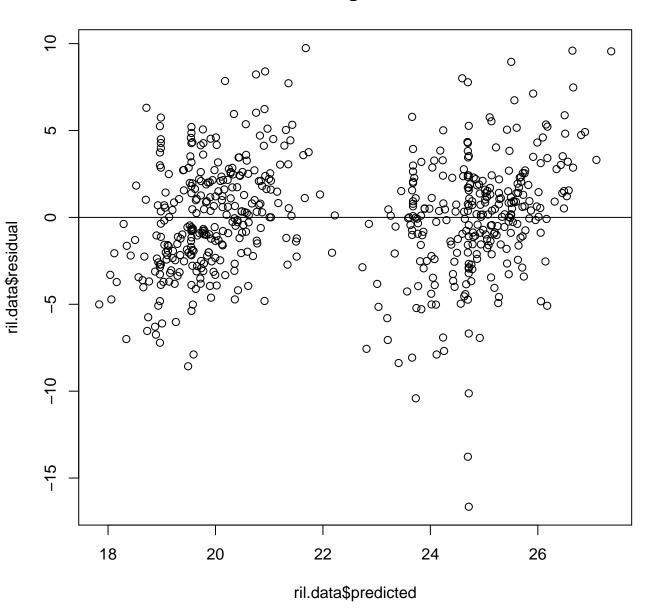


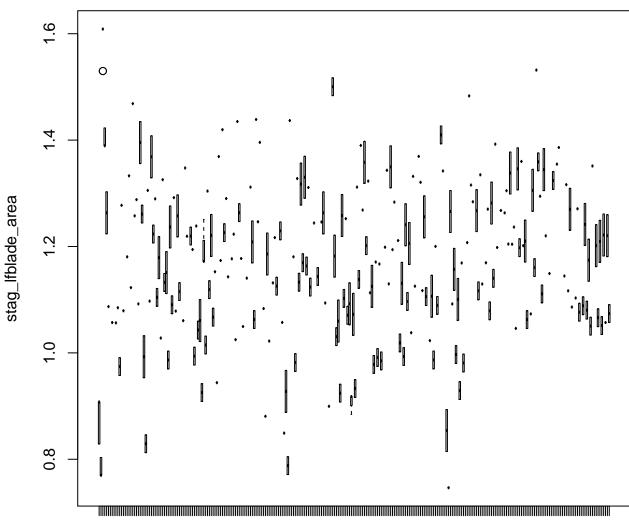


thick.RIL\_101 thick.RIL\_146 thick.RIL\_196 density\_2013.model

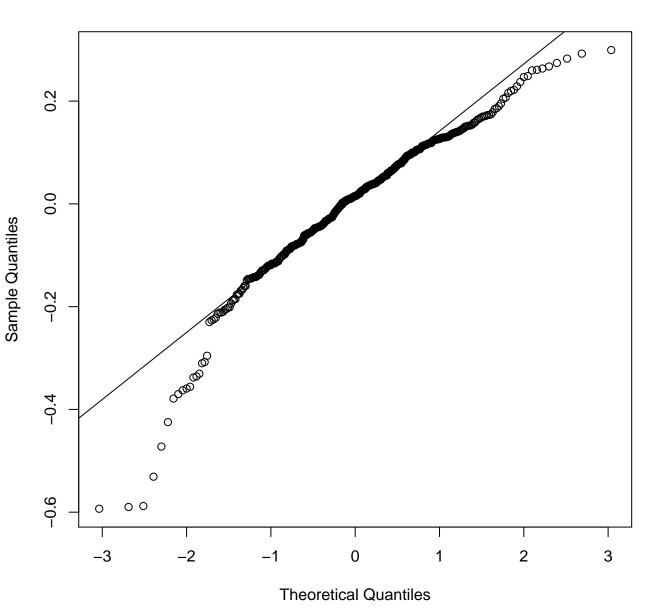


# sim\_gC.m2

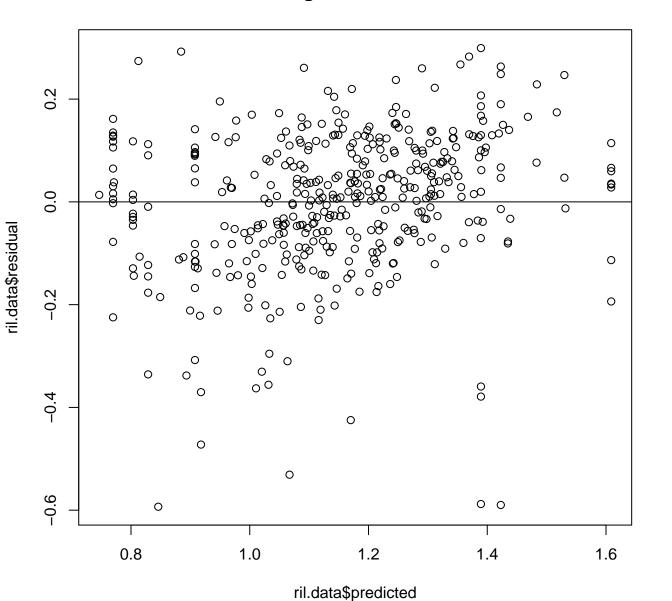


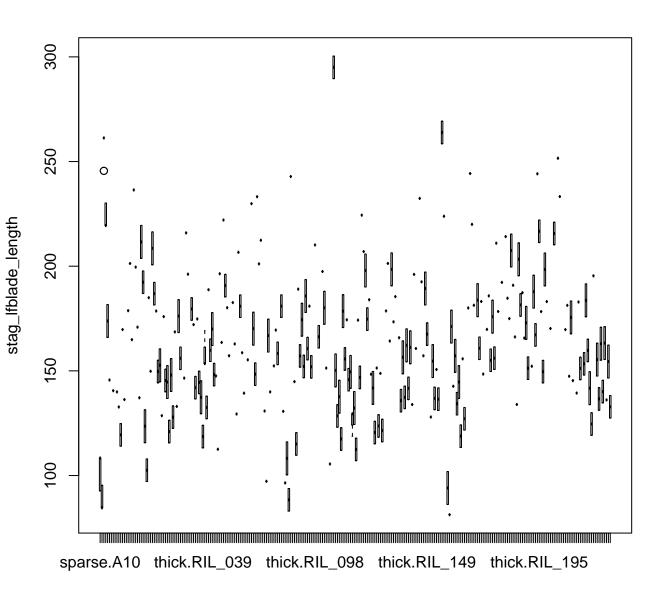


sparse.A10 thick.RIL\_039 thick.RIL\_098 thick.RIL\_149 thick.RIL\_195 density\_2013.model

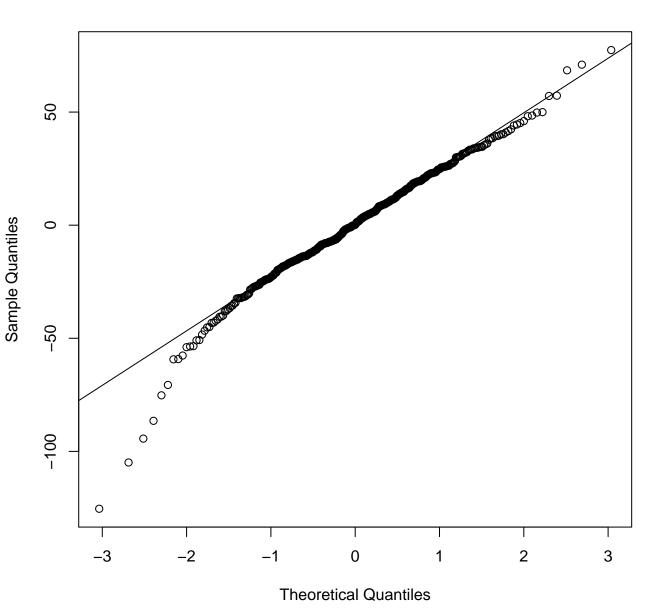


#### stag\_lfblade\_area

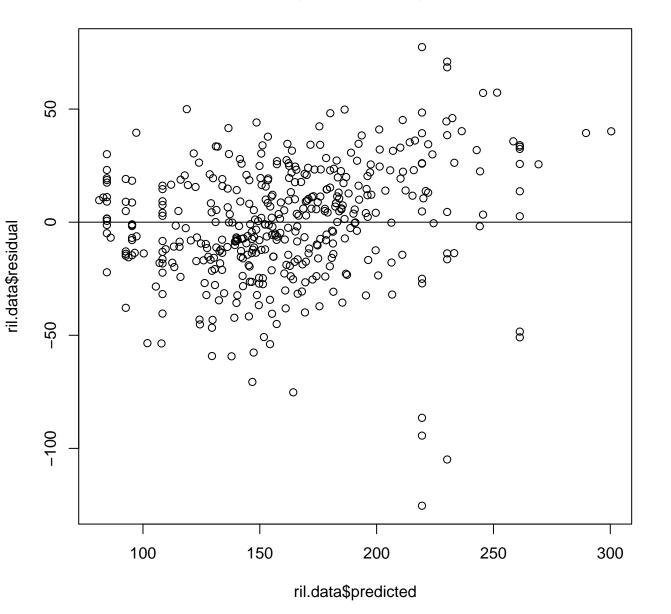


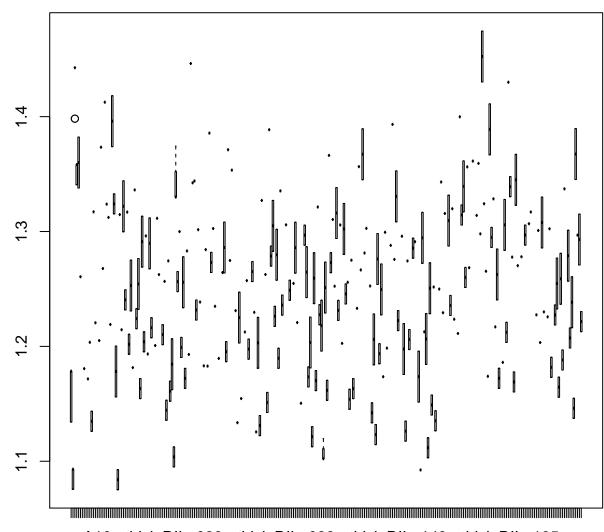


density\_2013.model



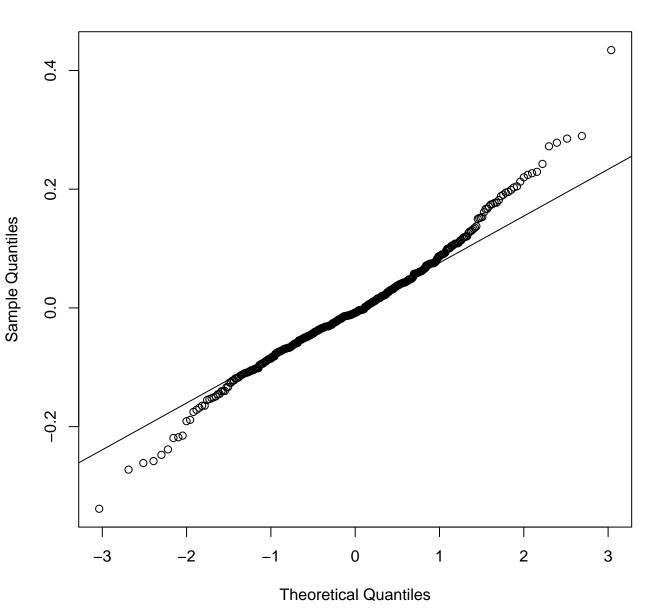
## stag\_lfblade\_length



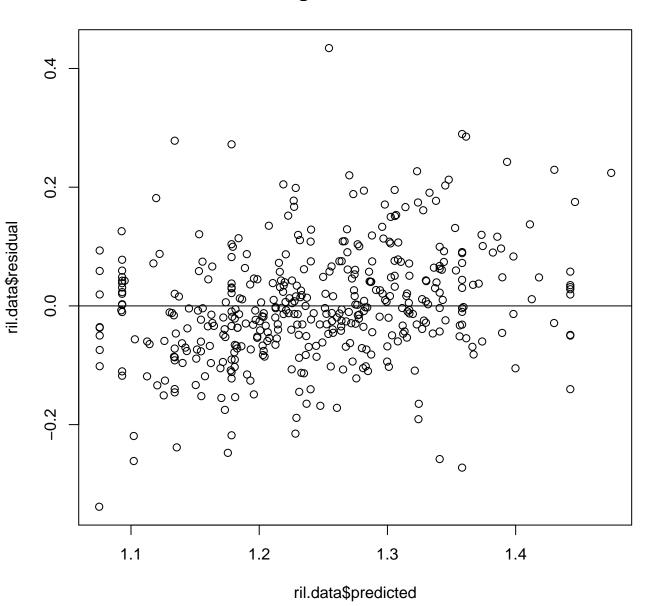


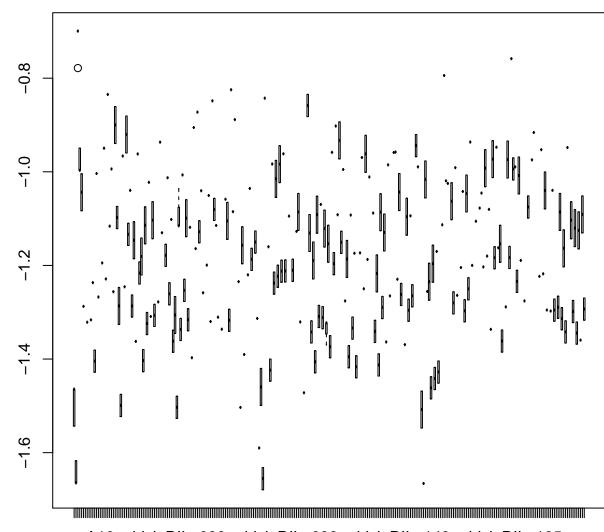
stag\_lfblade\_width

sparse.A10 thick.RIL\_039 thick.RIL\_098 thick.RIL\_149 thick.RIL\_195 density\_2013.model



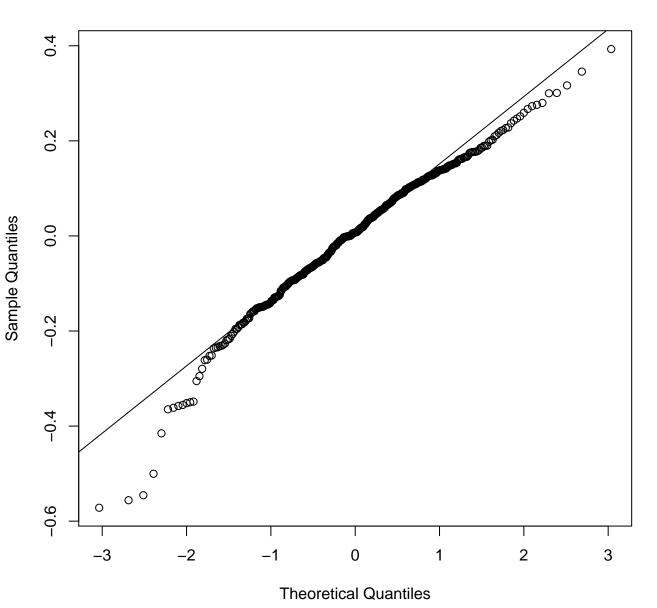
### stag\_lfblade\_width



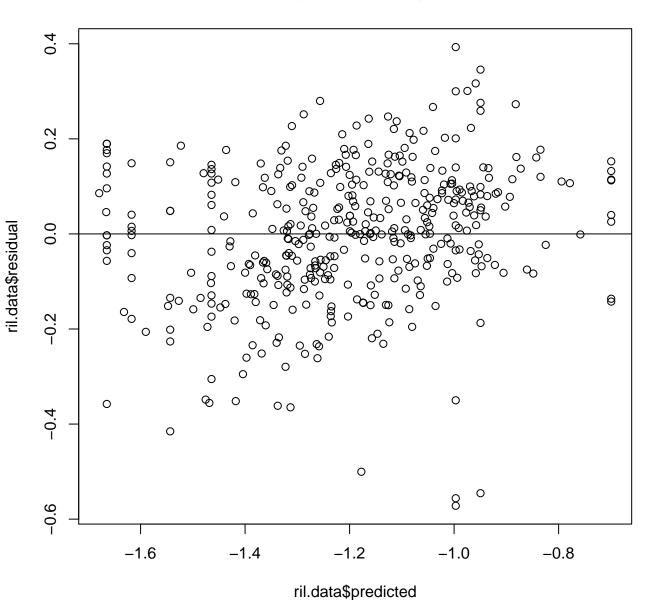


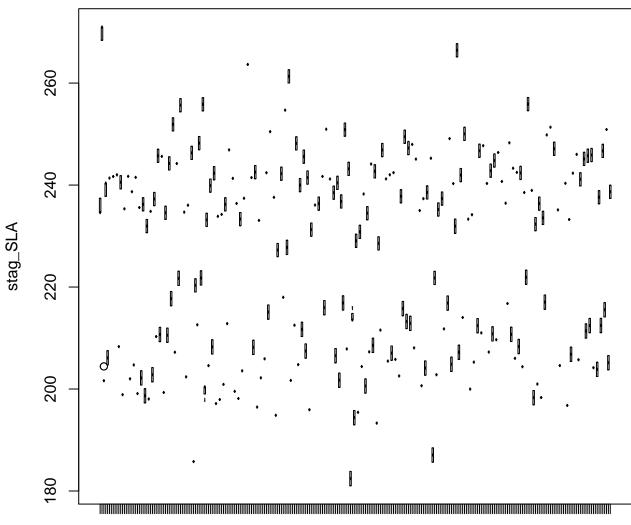
stag\_lfblade\_weight

sparse.A10 thick.RIL\_039 thick.RIL\_098 thick.RIL\_149 thick.RIL\_195 density\_2013.model

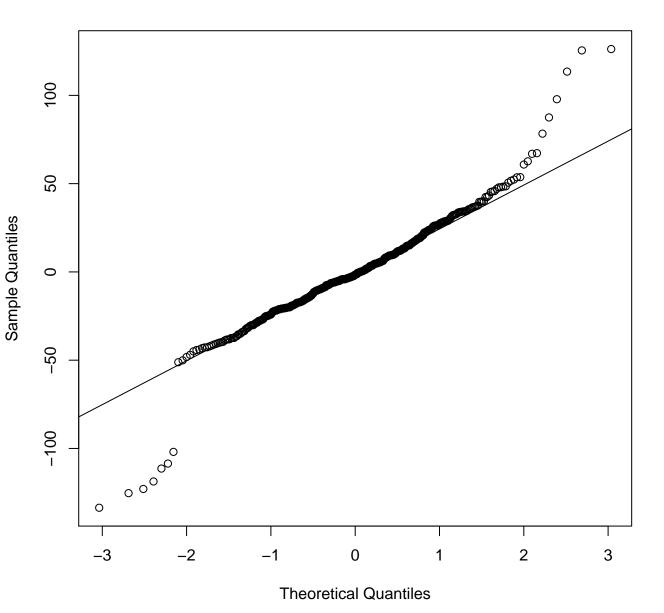


## stag\_lfblade\_weight

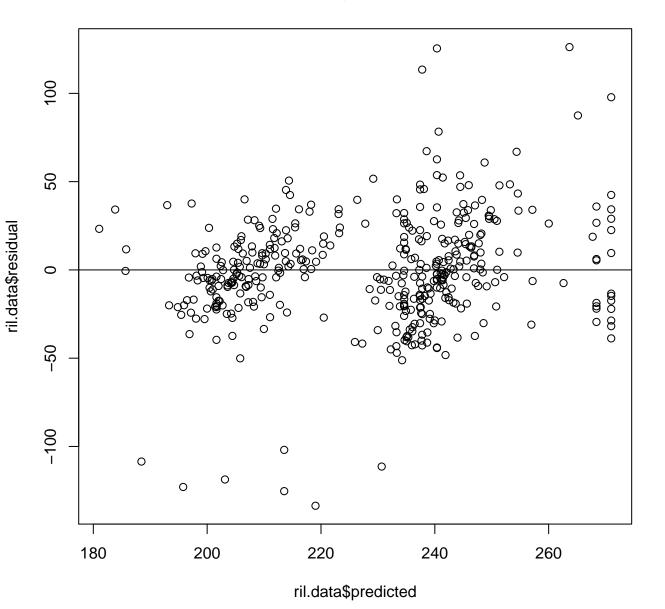


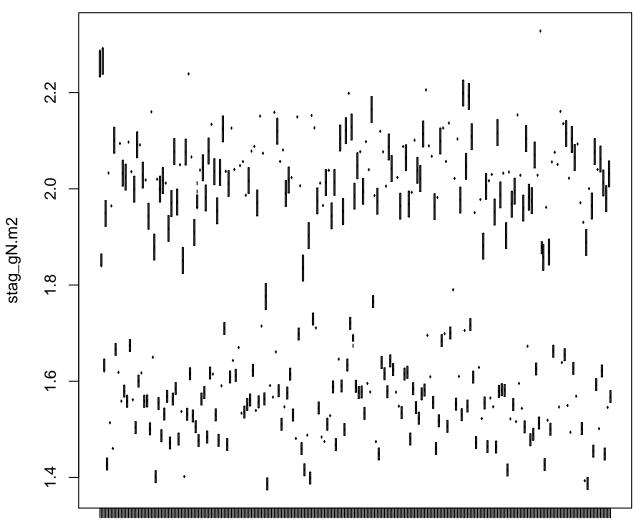


sparse.A10 thick.RIL\_039 thick.RIL\_098 thick.RIL\_149 thick.RIL\_195 density\_2013.model

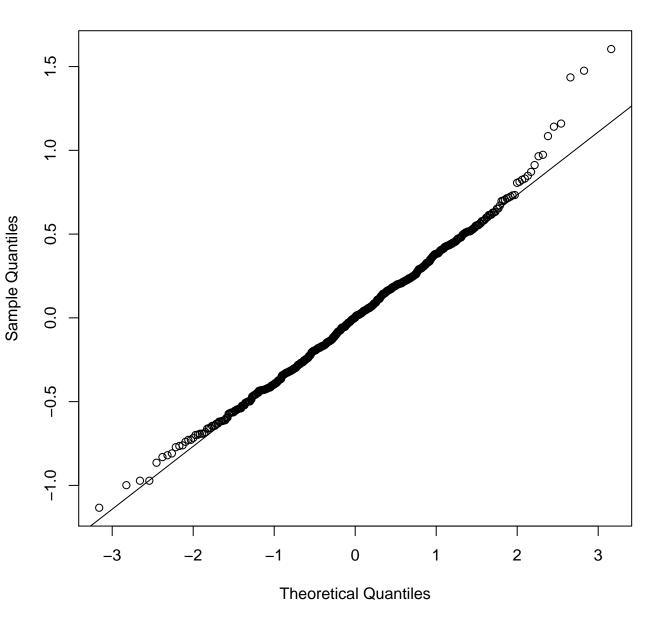


stag\_SLA

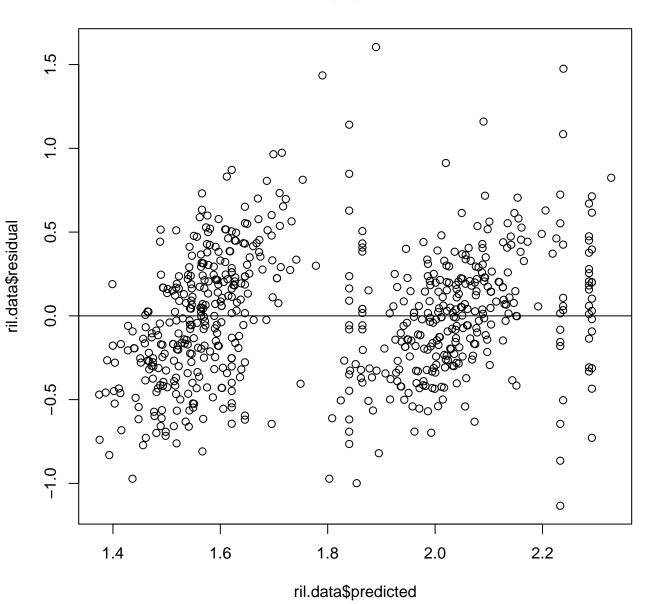


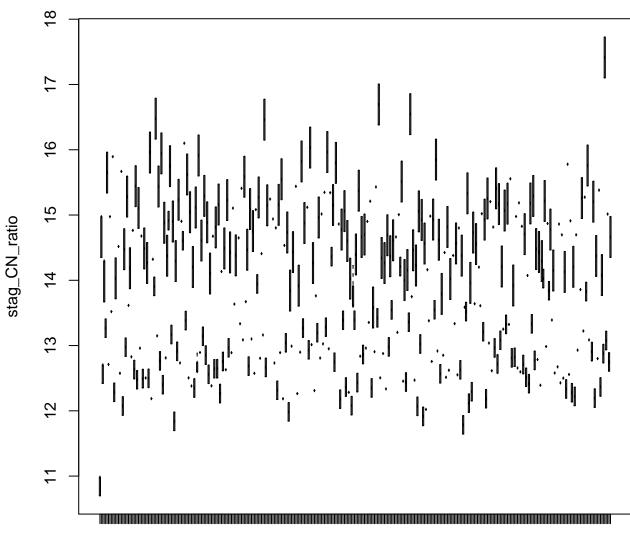


sparse.A10 thick.RIL\_043 thick.RIL\_098 thick.RIL\_144 thick.RIL\_195 density\_2013.model

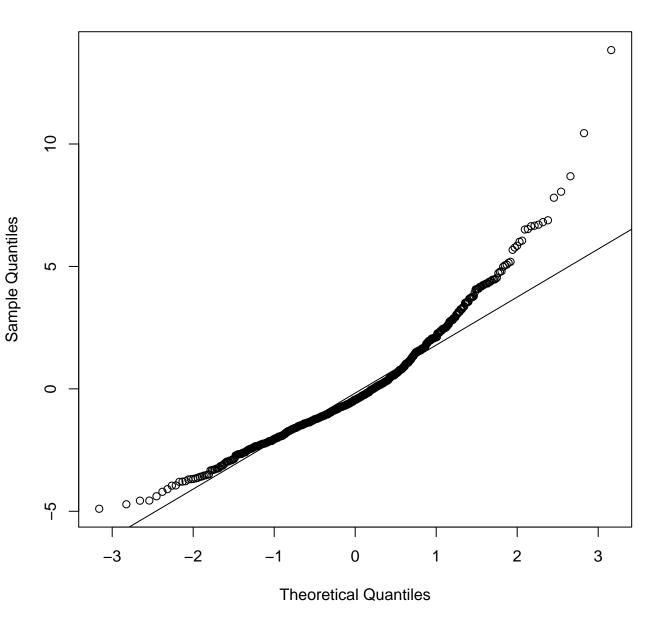


#### stag\_gN.m2

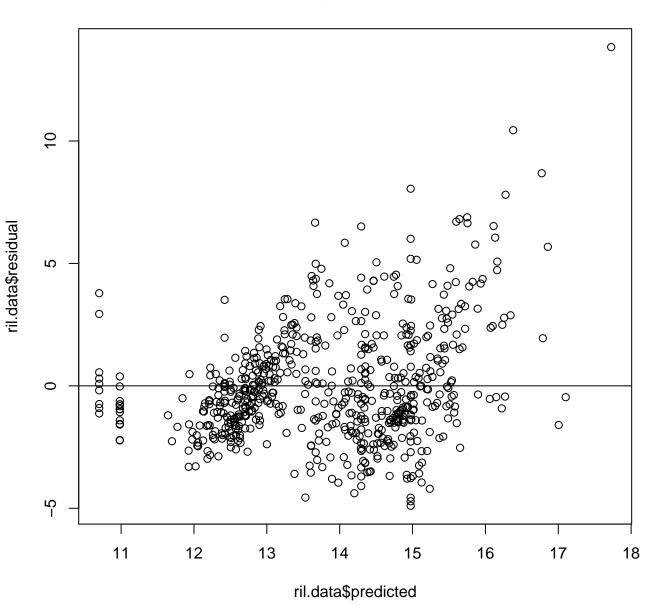


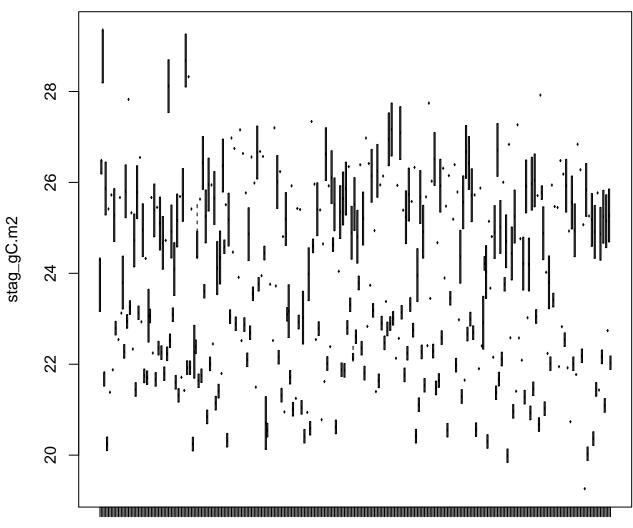


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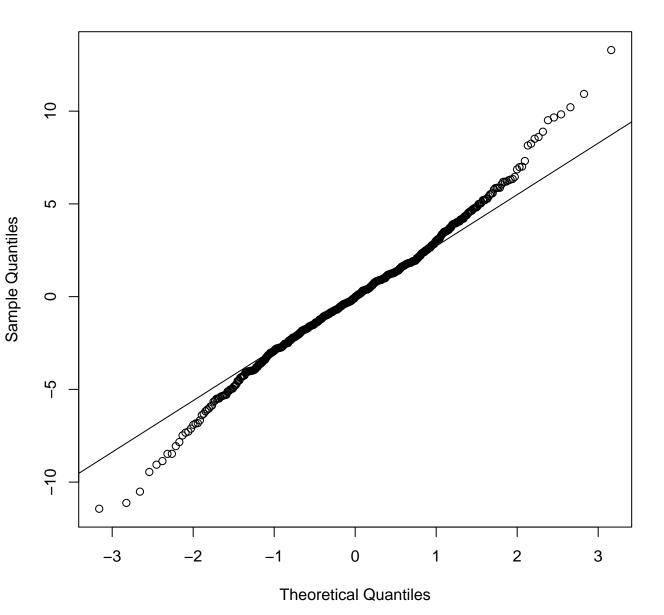


# stag\_CN\_ratio

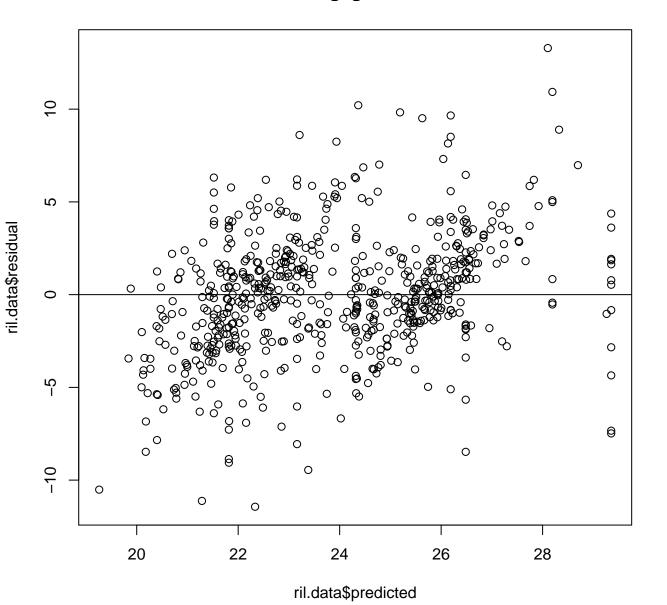


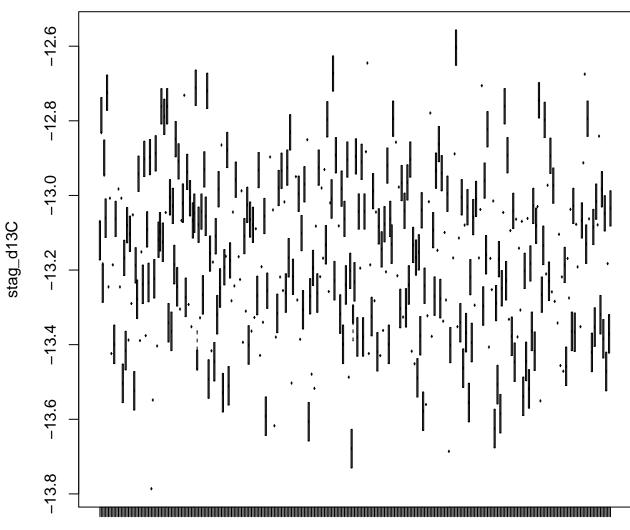


sparse.A10 thick.RIL\_043 thick.RIL\_098 thick.RIL\_144 thick.RIL\_195 density\_2013.model

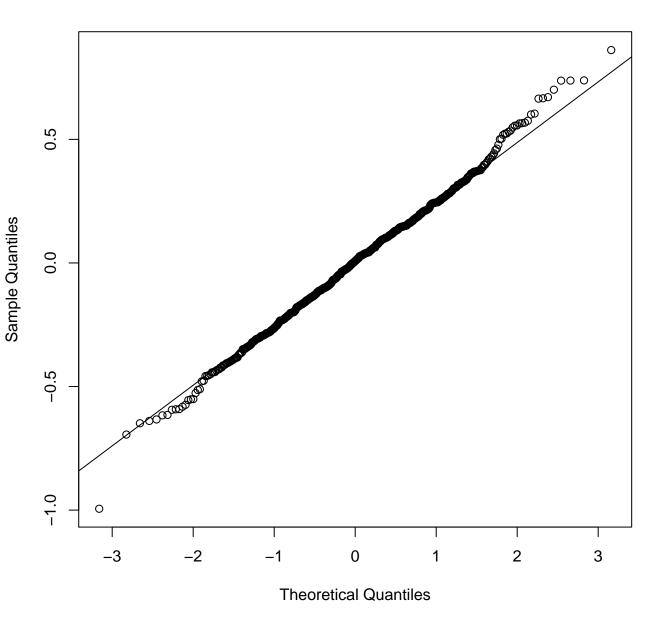


stag\_gC.m2

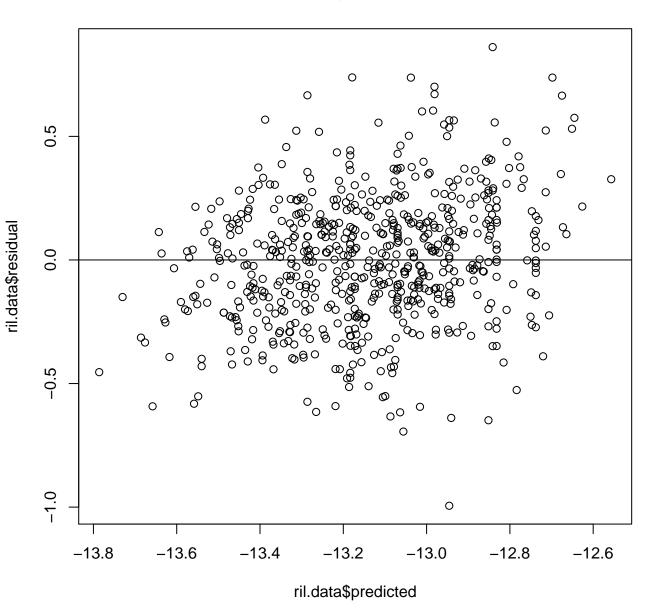


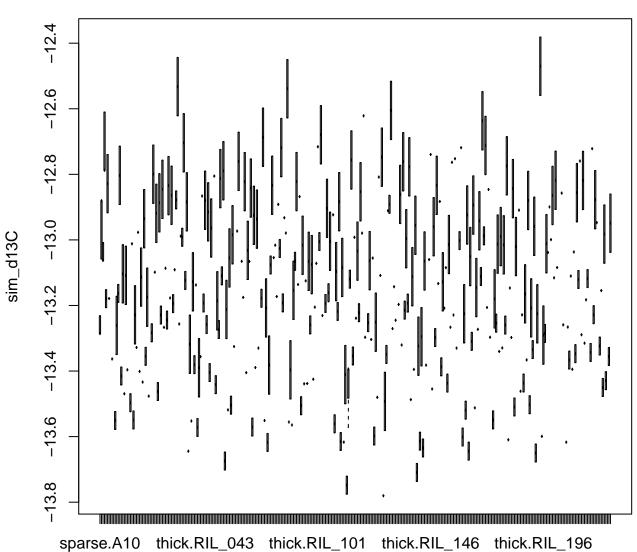


sparse.A10 thick.RIL\_043 thick.RIL\_098 thick.RIL\_144 thick.RIL\_195 density\_2013.model

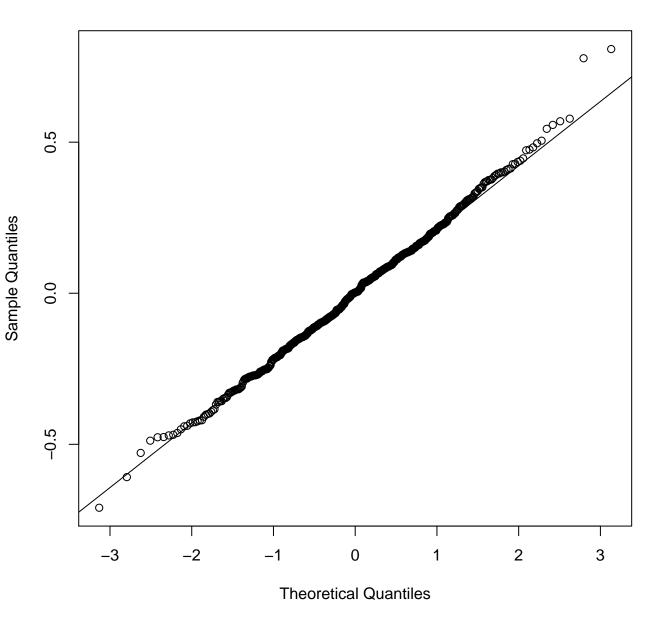


#### stag\_d13C

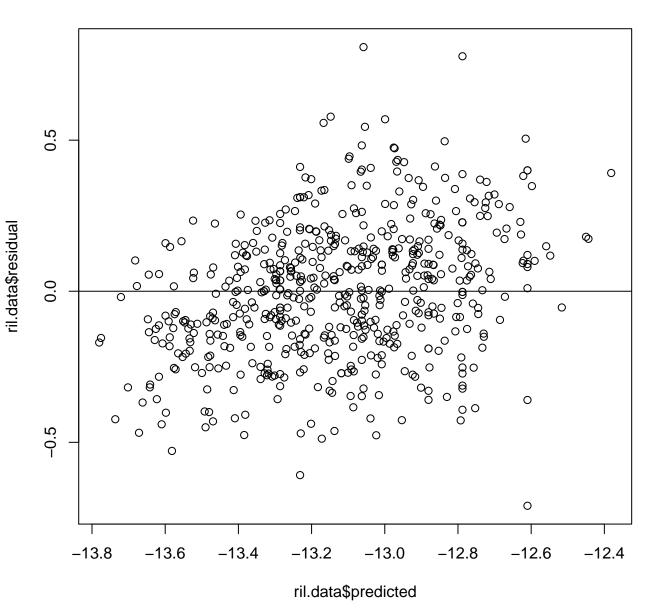


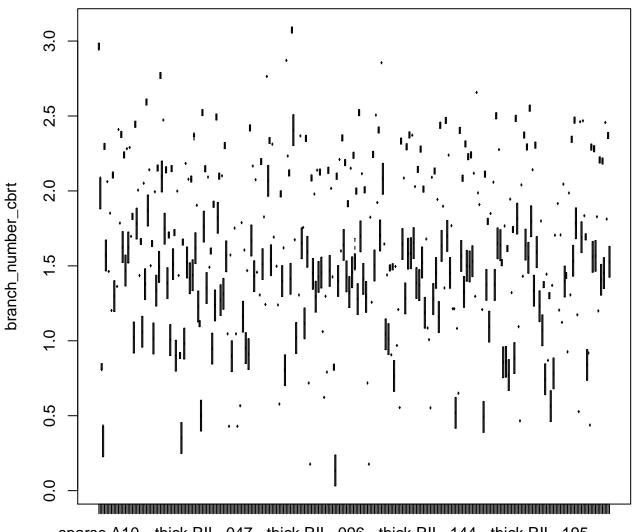


density\_2013.model

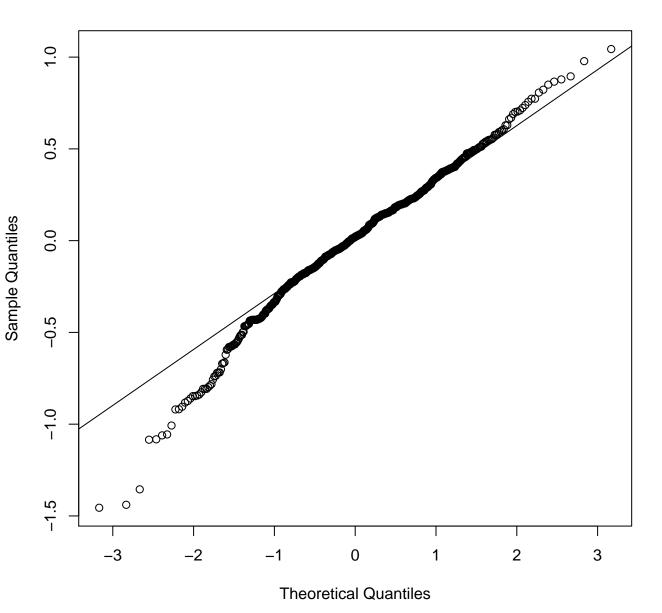


#### sim\_d13C

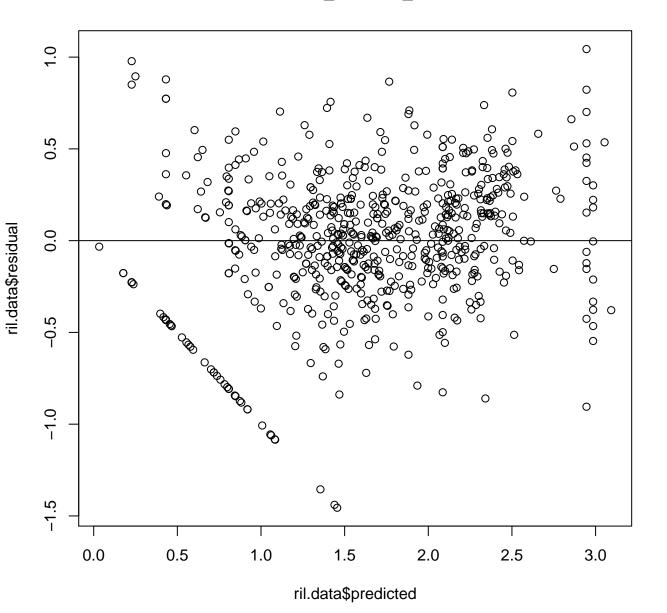


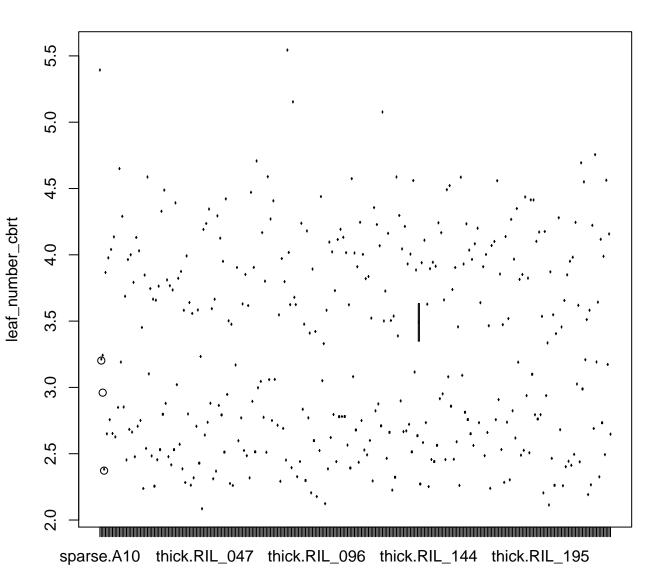


sparse.A10 thick.RIL\_047 thick.RIL\_096 thick.RIL\_144 thick.RIL\_195 density\_2013.model

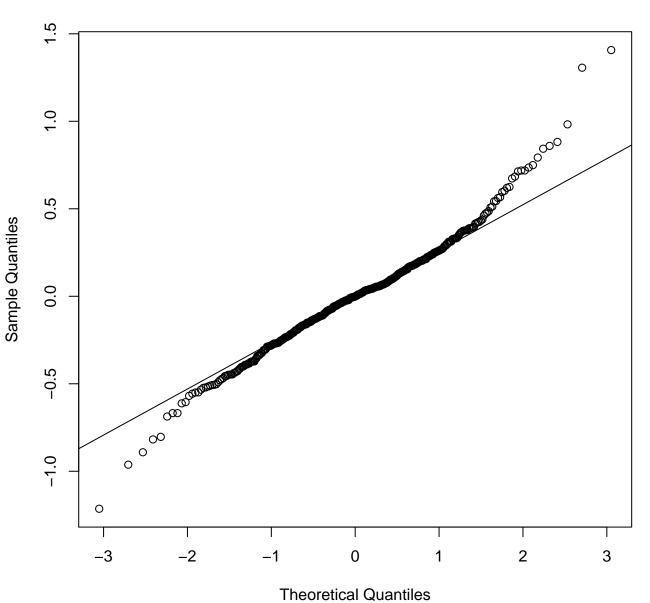


#### branch\_number\_cbrt

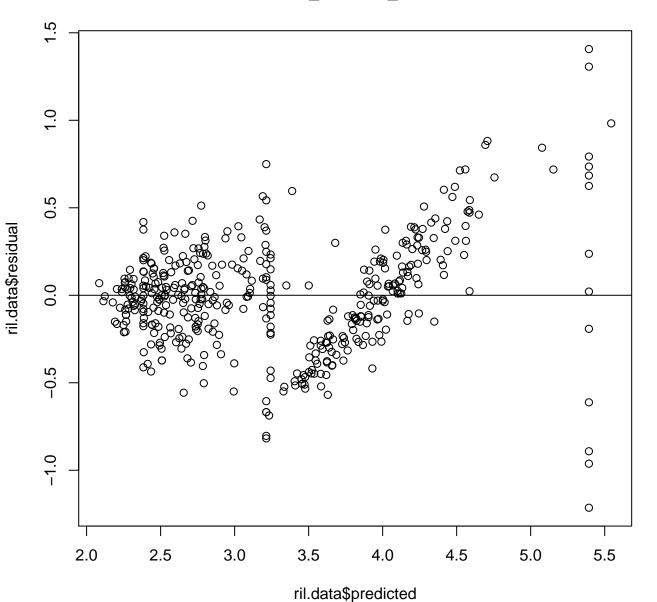


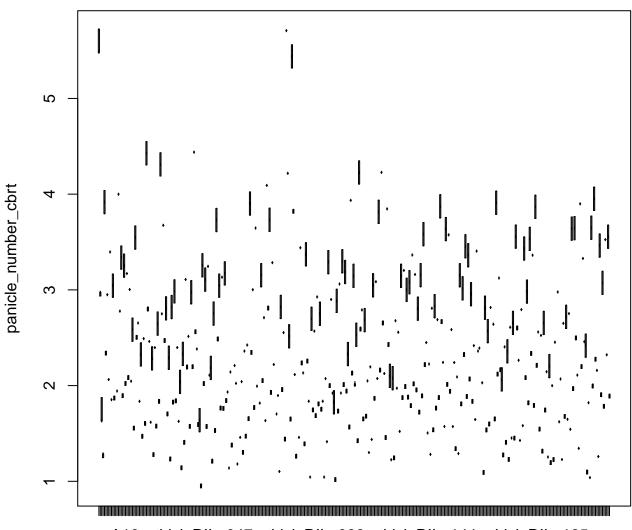


density\_2013.model

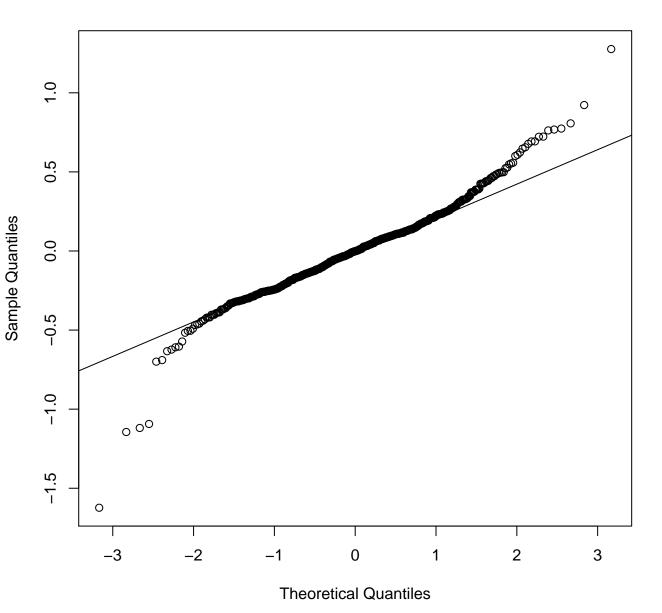


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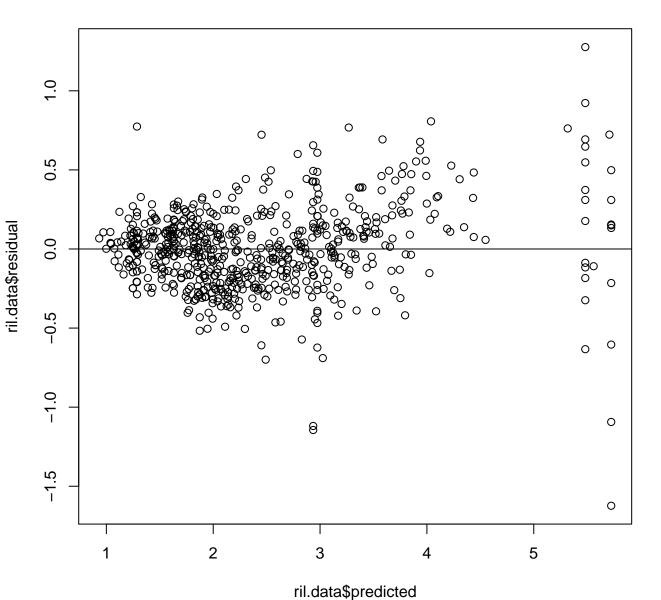


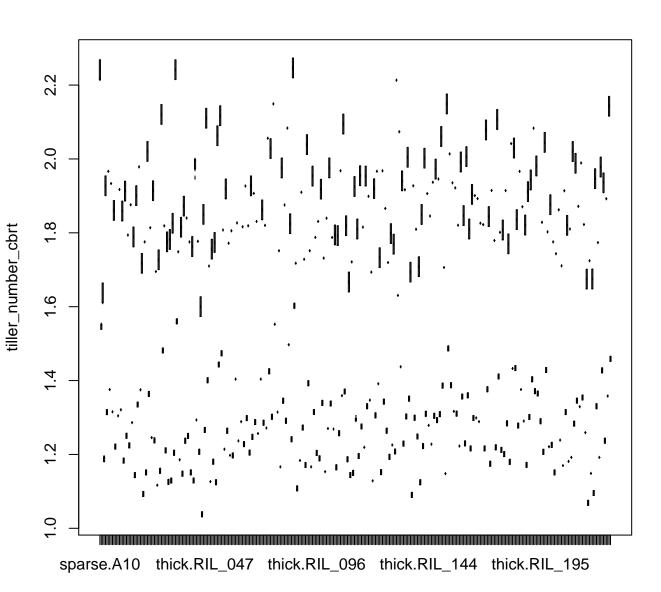


sparse.A10 thick.RIL\_047 thick.RIL\_096 thick.RIL\_144 thick.RIL\_195 density\_2013.model

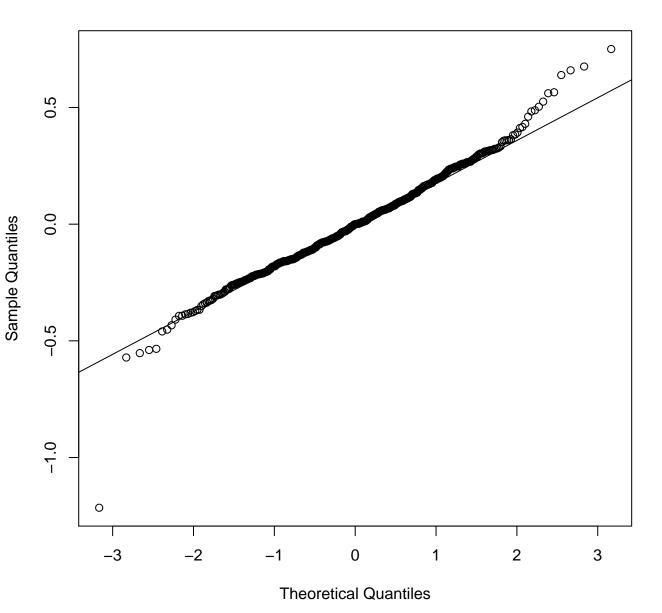


#### panicle\_number\_cbrt

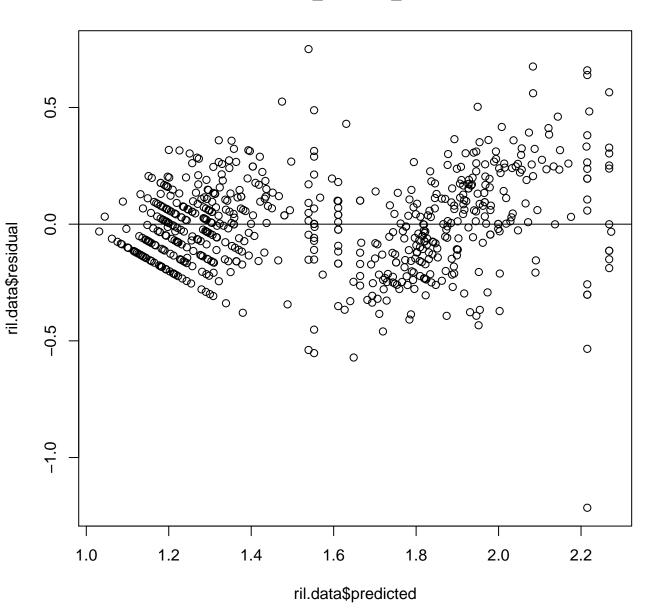


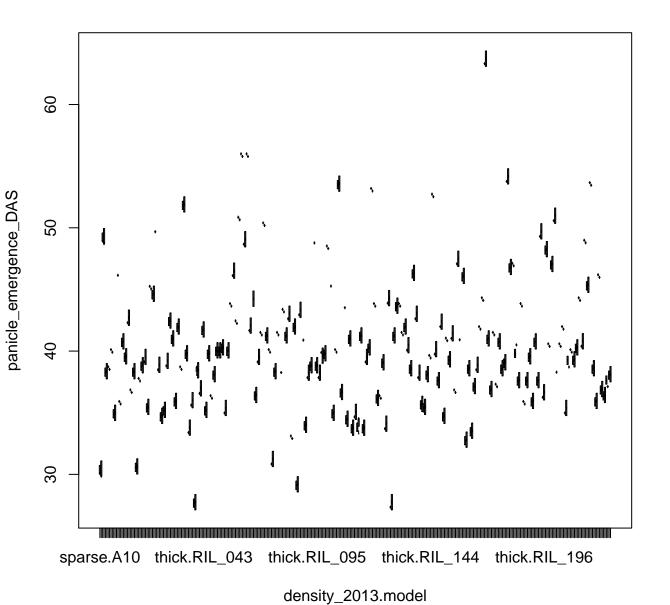


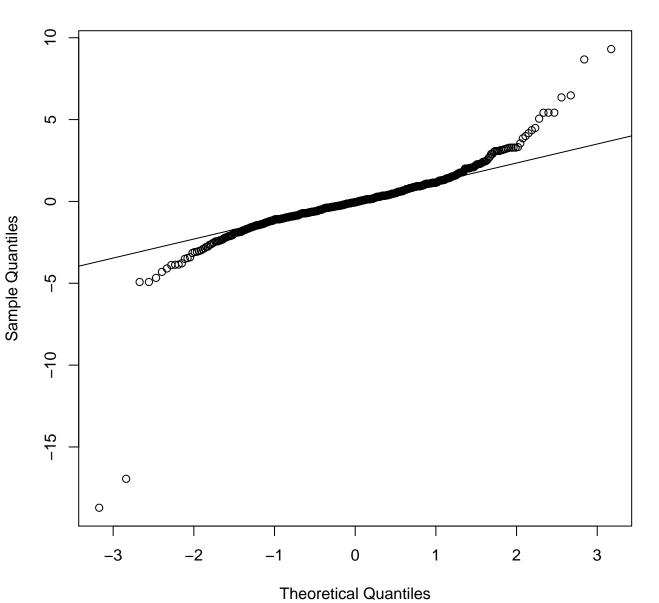
density\_2013.model



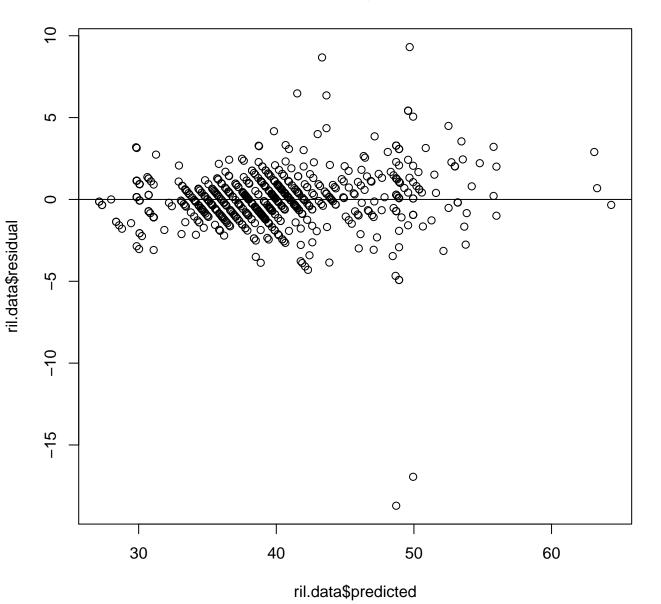
#### tiller\_number\_cbrt

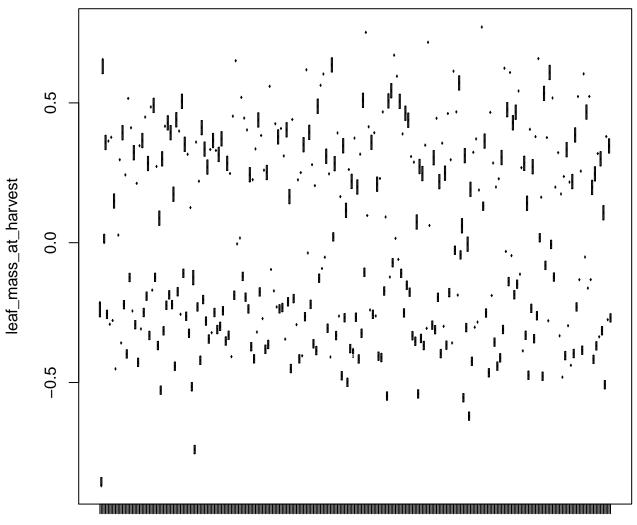




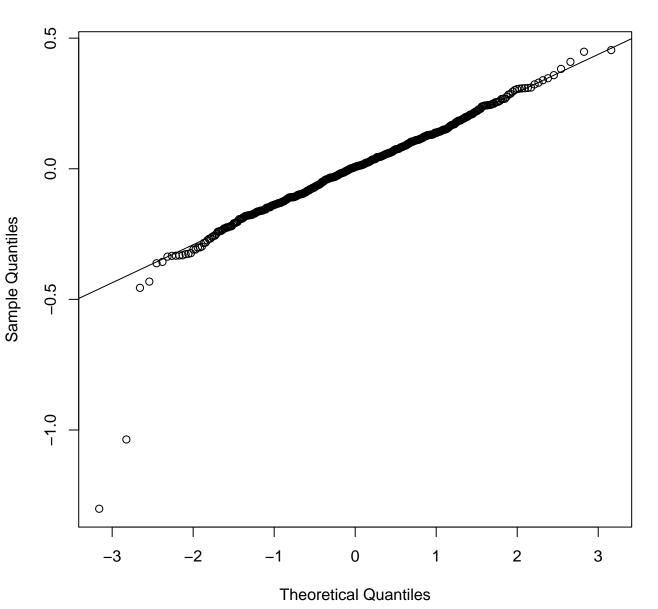


## panicle\_emergence\_DAS

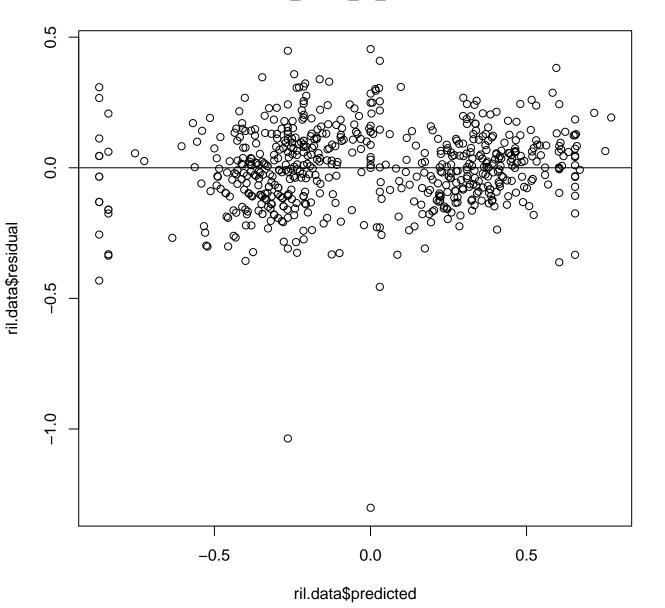


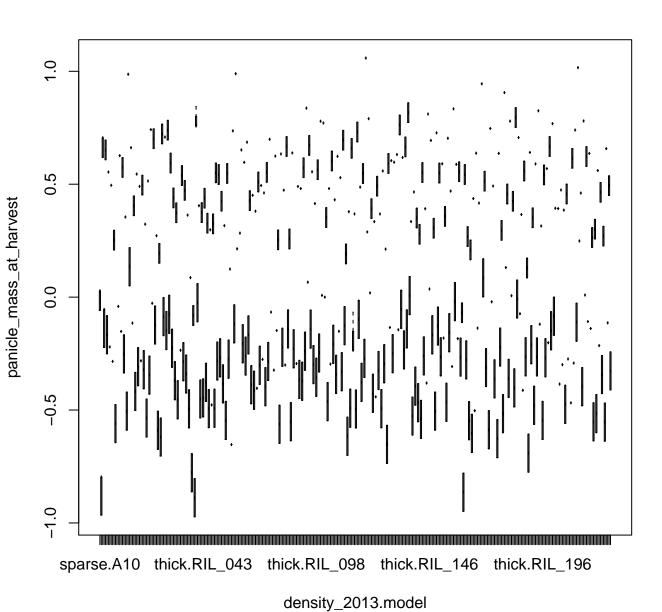


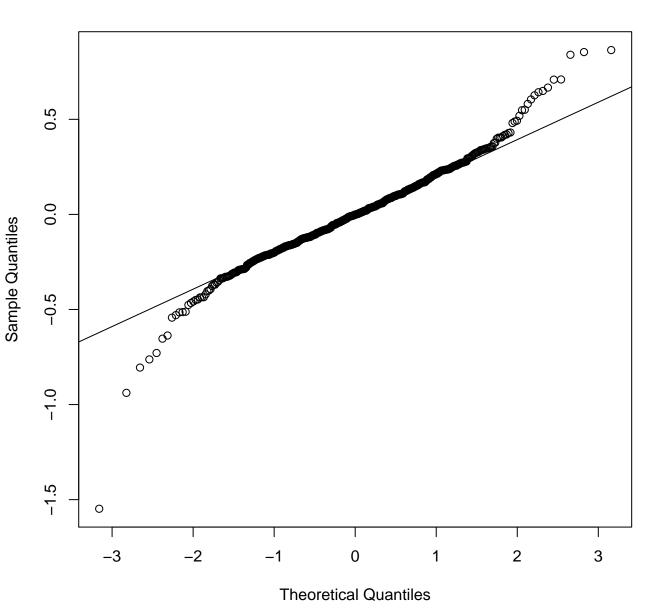
sparse.A10 thick.RIL\_043 thick.RIL\_098 thick.RIL\_146 thick.RIL\_196 density\_2013.model



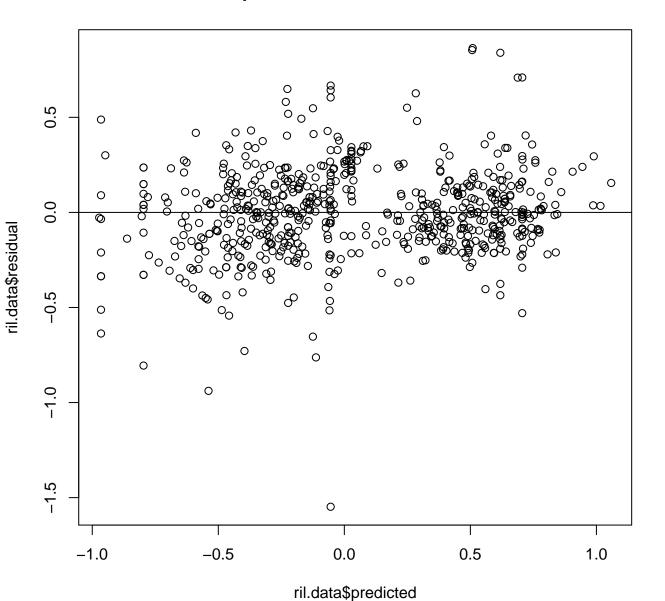
#### leaf\_mass\_at\_harvest

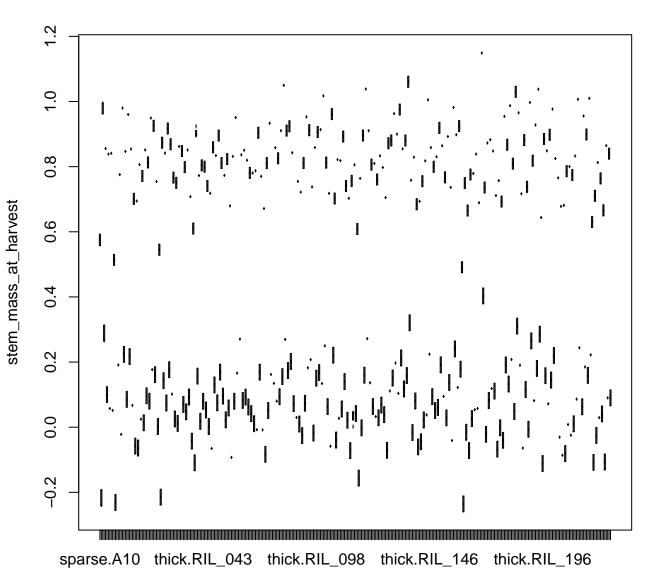




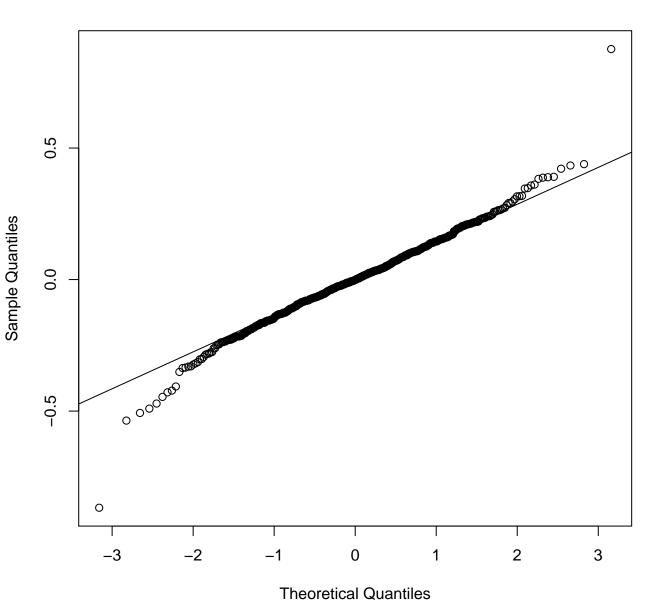


#### panicle\_mass\_at\_harvest

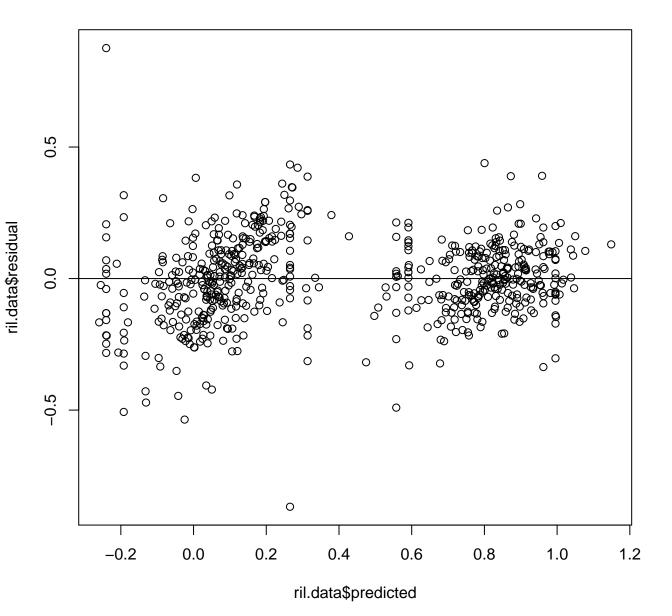


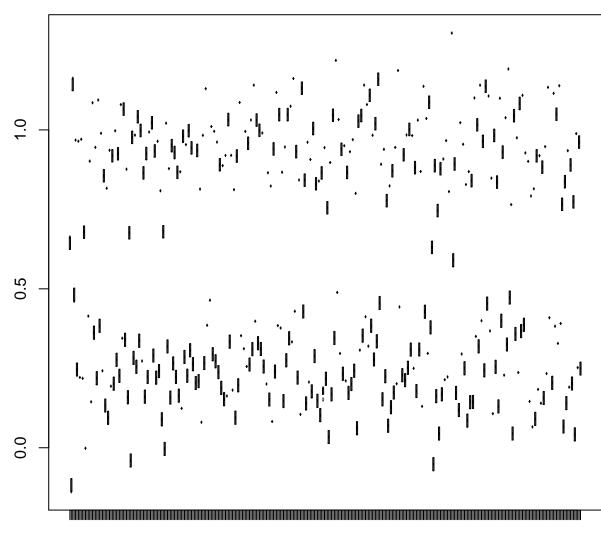


density\_2013.model



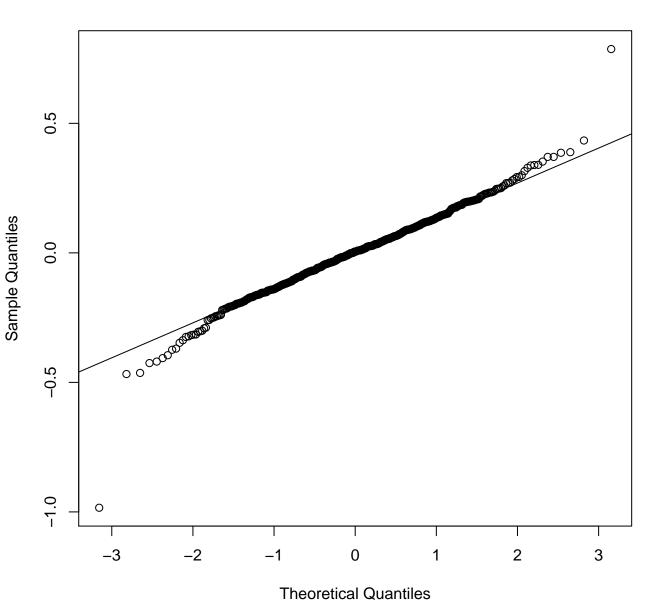
#### stem\_mass\_at\_harvest



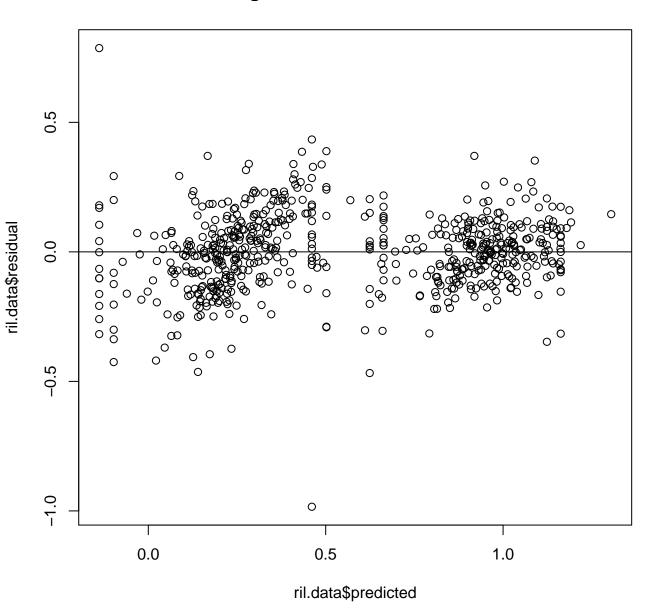


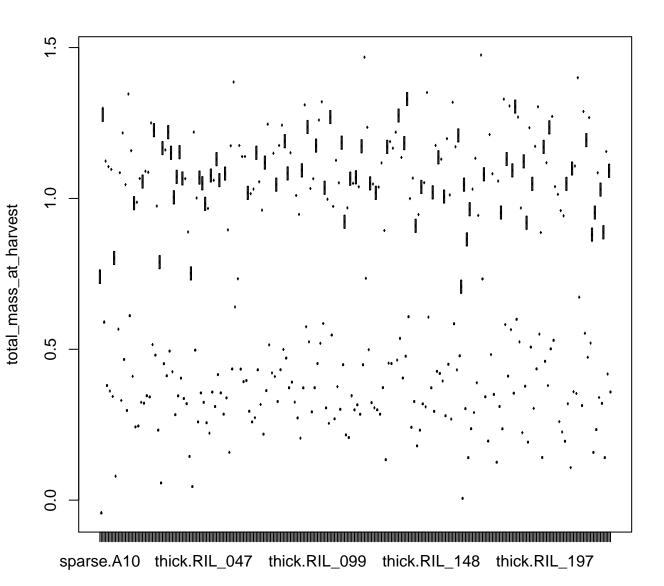
vegetative\_mass\_at\_harvest

sparse.A10 thick.RIL\_043 thick.RIL\_098 thick.RIL\_146 thick.RIL\_196 density\_2013.model

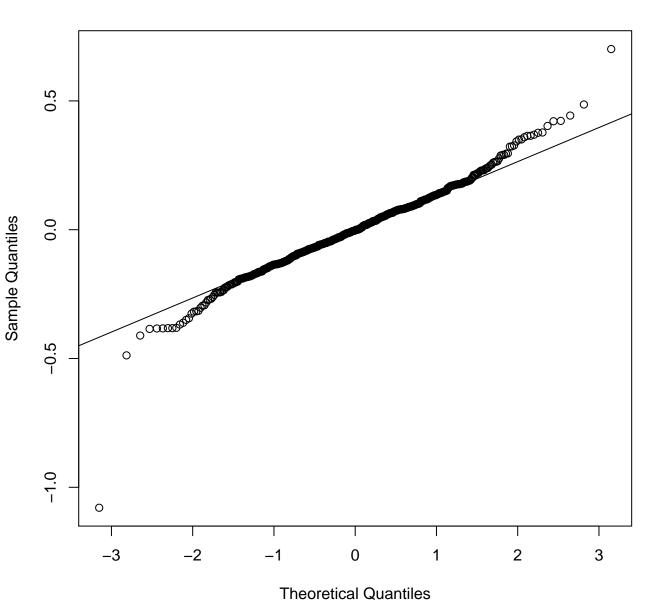


#### vegetative\_mass\_at\_harvest

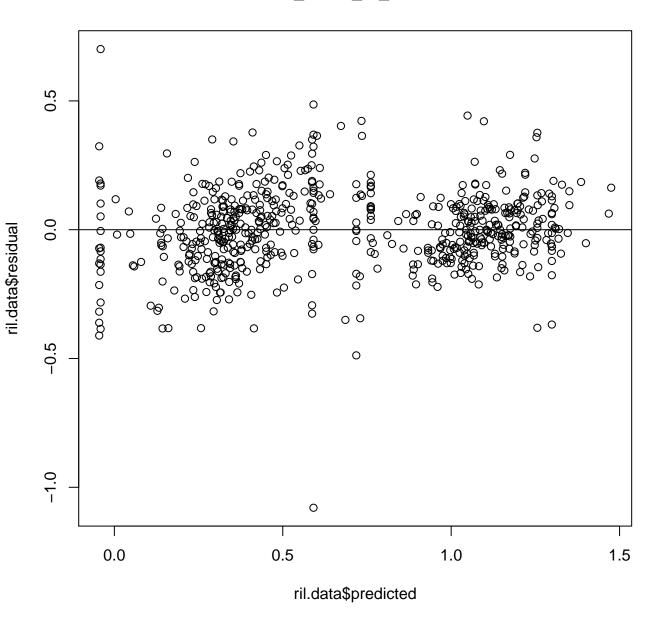


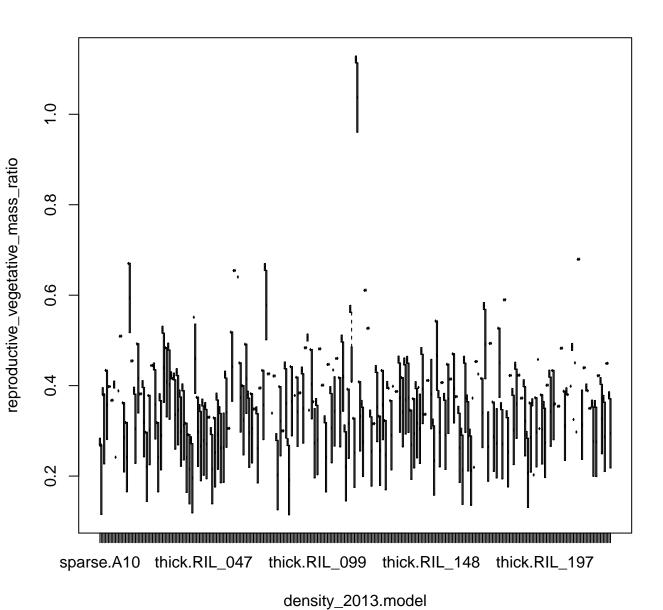


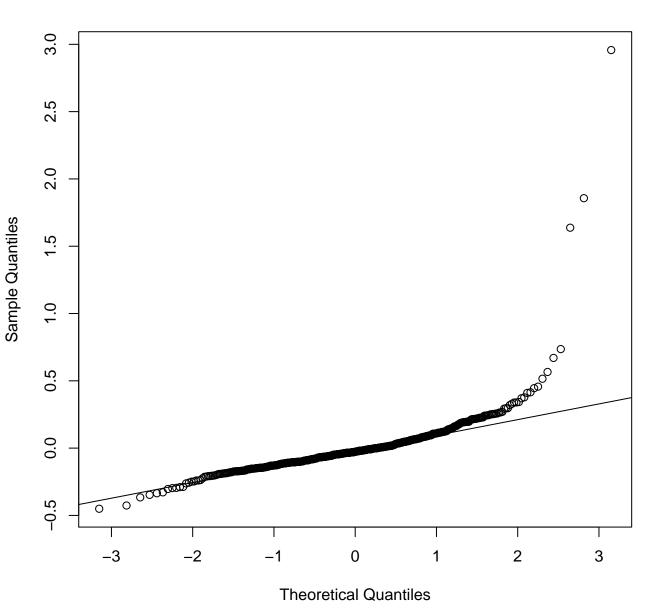
density\_2013.model



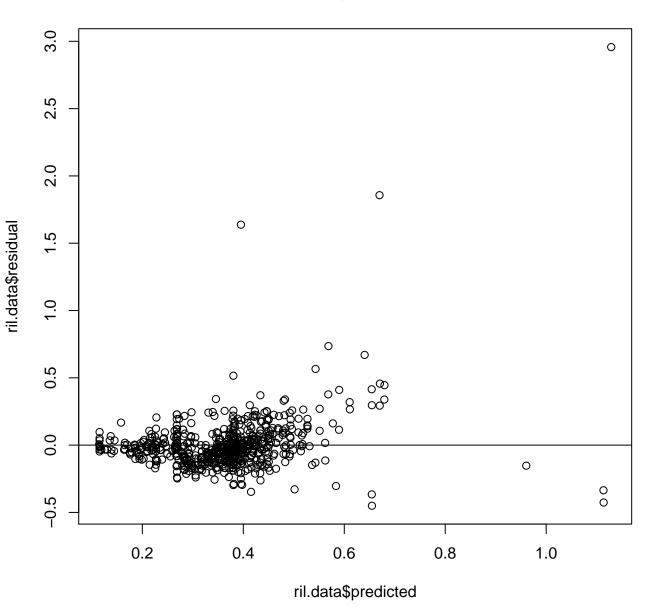
#### total\_mass\_at\_harvest

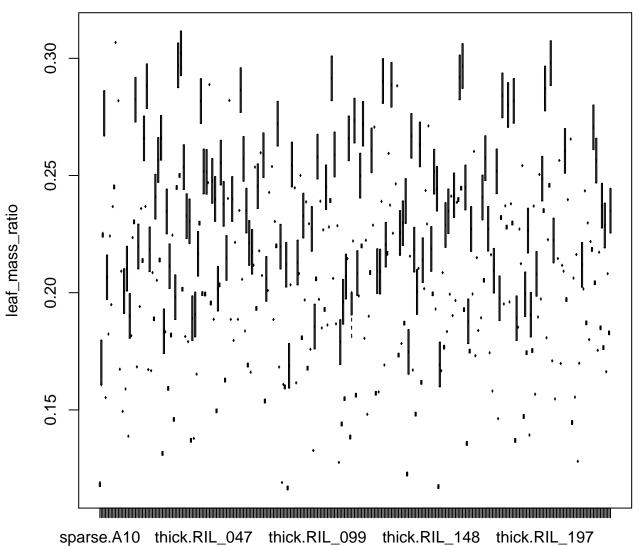




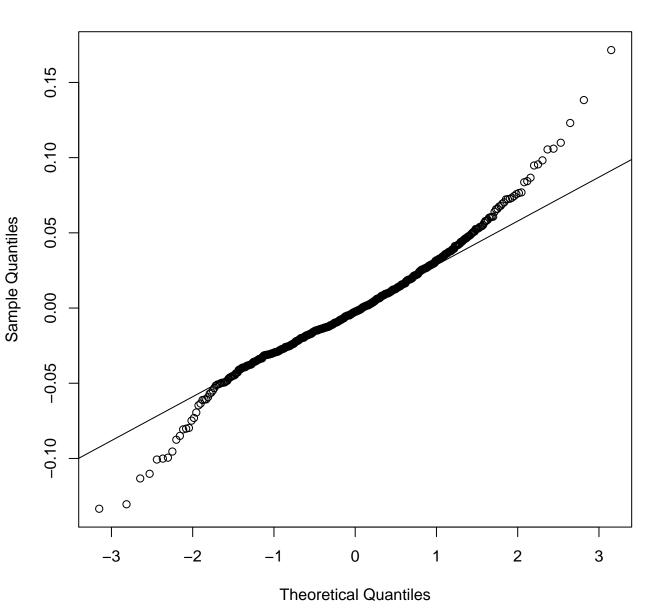


# reproductive\_vegetative\_mass\_ratio

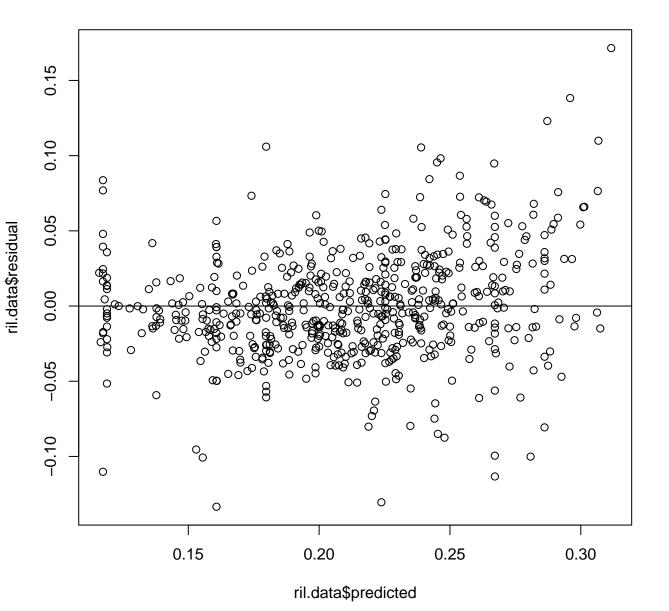


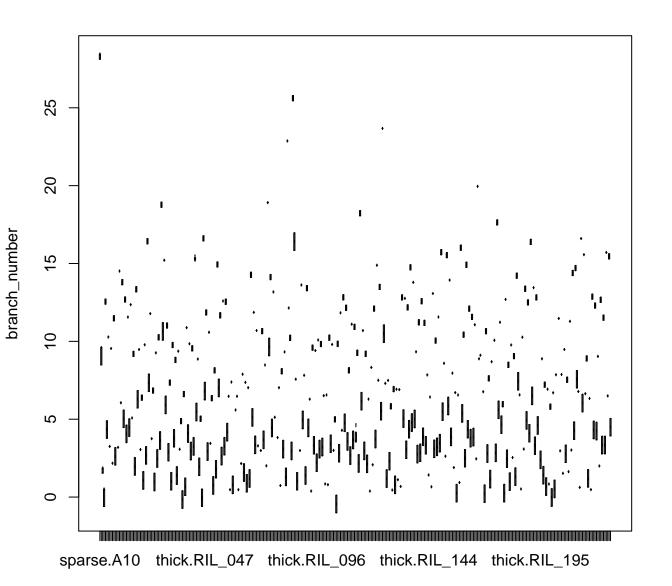


thick.RIL\_047 thick.RIL\_099 thick.RIL\_148 thick.RIL\_197 density\_2013.model

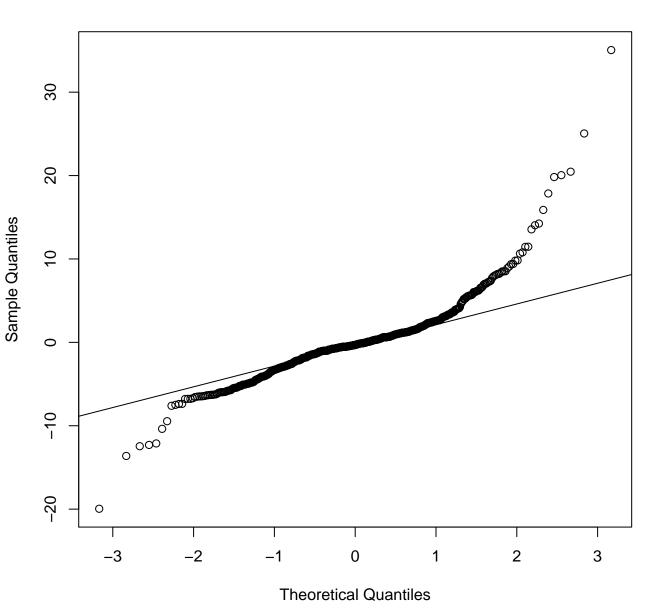


## leaf\_mass\_ratio

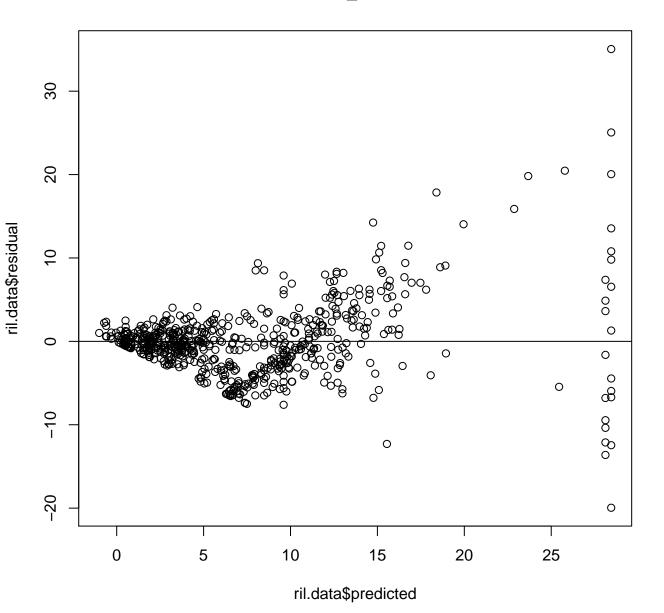


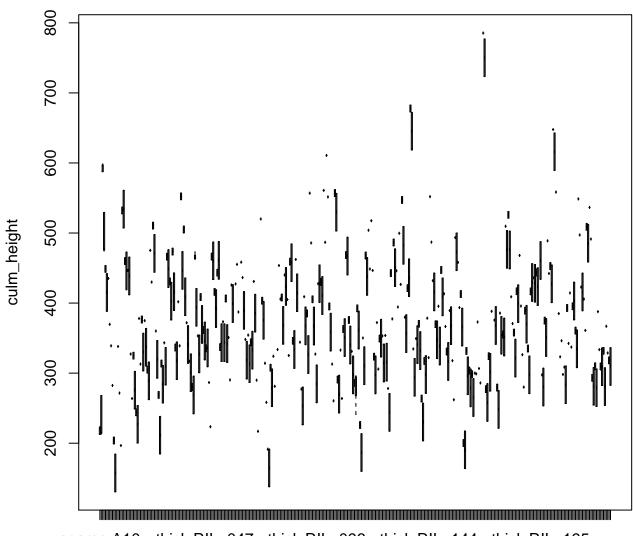


density\_2013.model

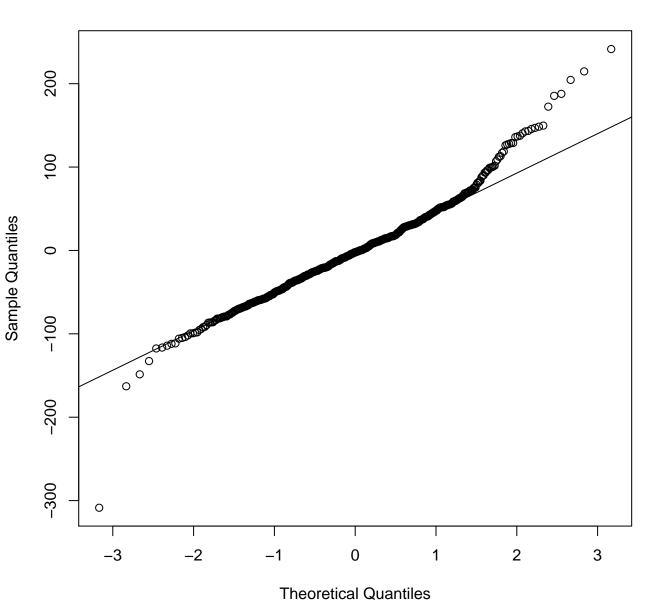


## branch\_number

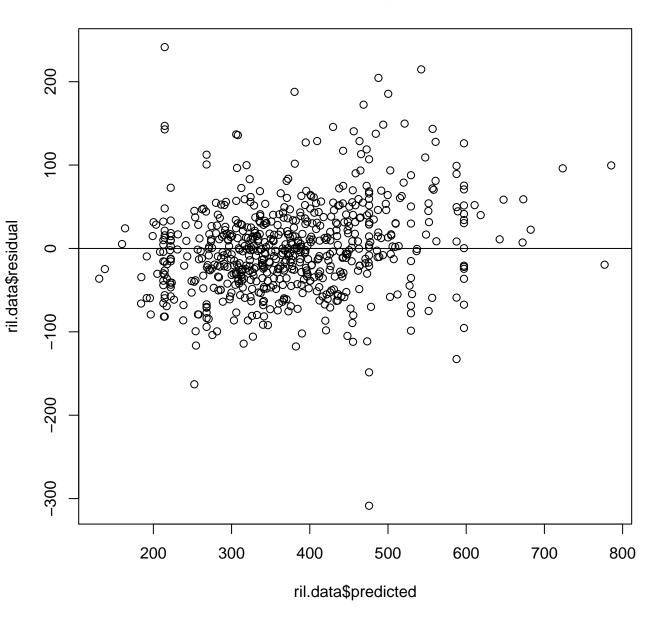


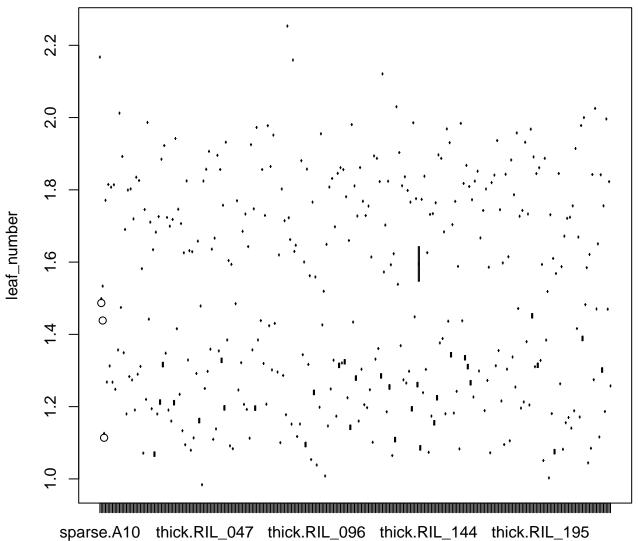


sparse.A10 thick.RIL\_047 thick.RIL\_096 thick.RIL\_144 thick.RIL\_195 density\_2013.model

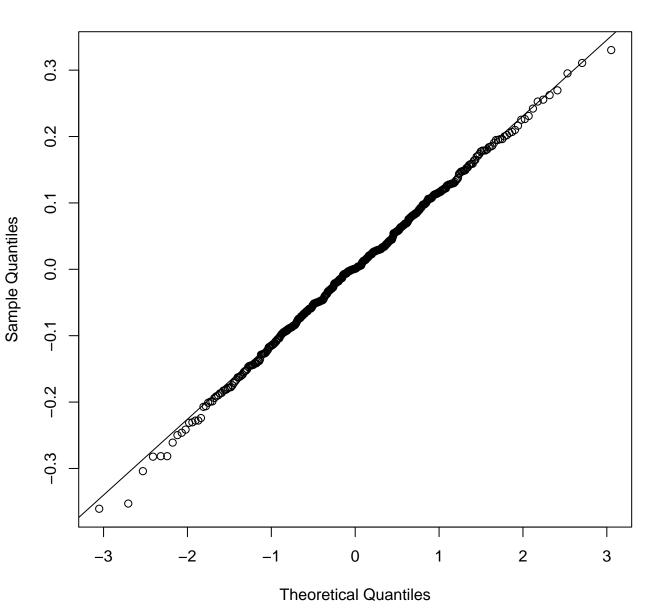


#### culm\_height

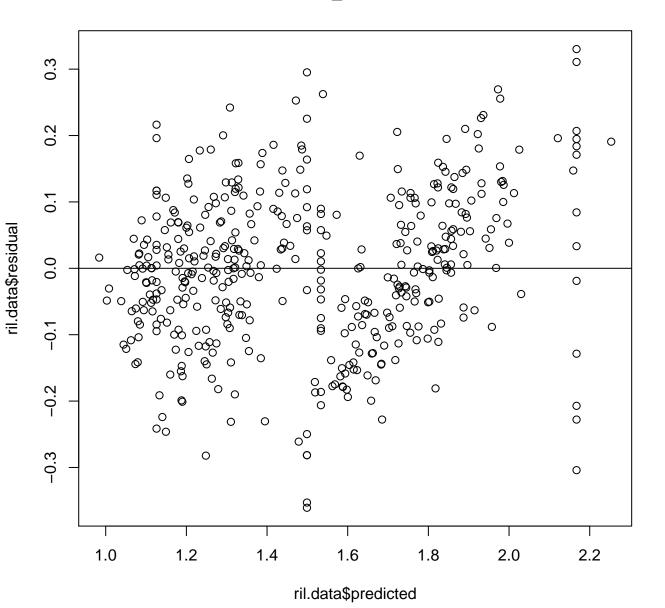


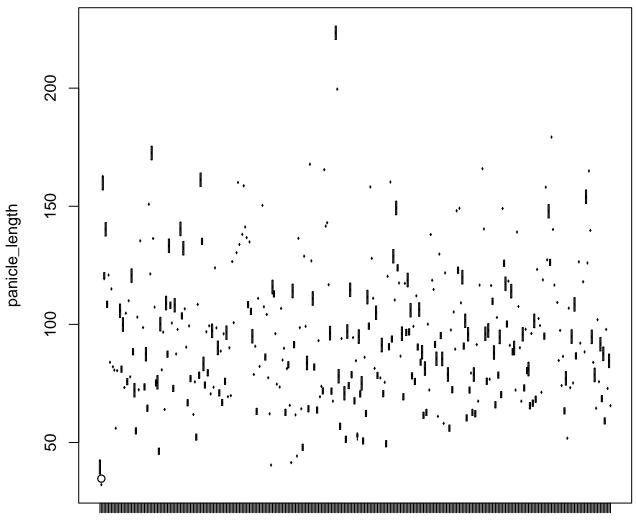


density\_2013.model

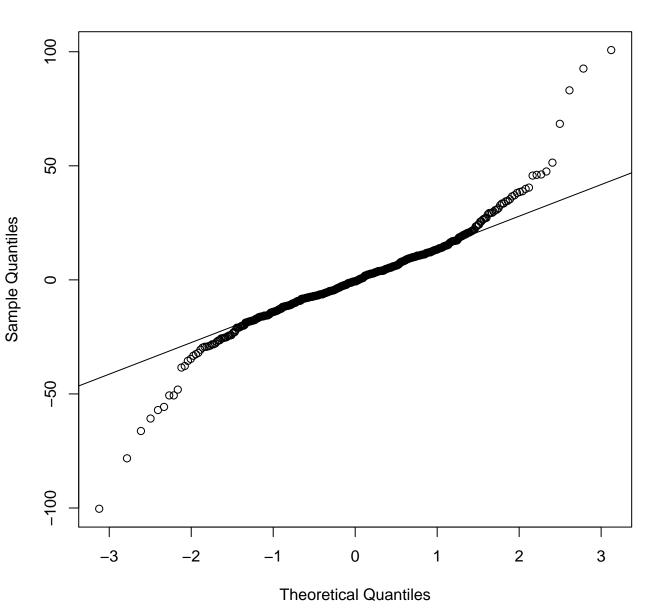


#### leaf\_number

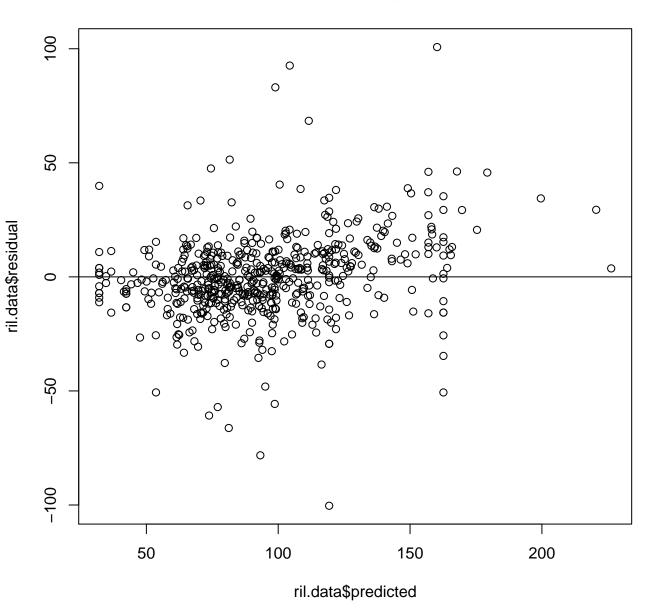


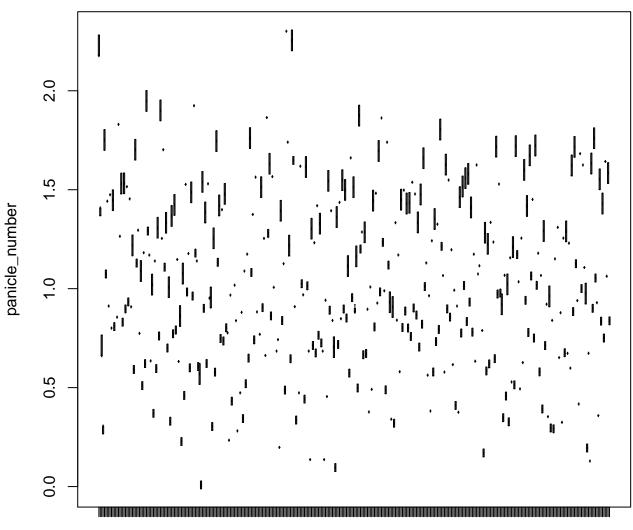


sparse.A10 thick.RIL\_047 thick.RIL\_096 thick.RIL\_144 thick.RIL\_196 density\_2013.model

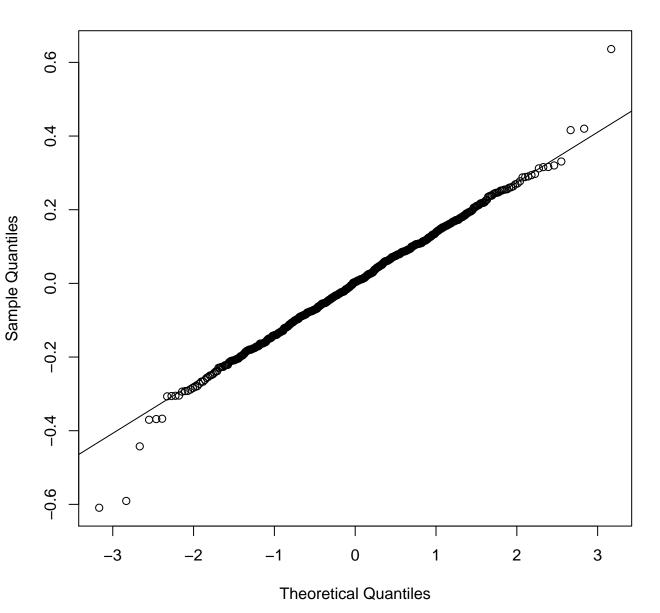


## panicle\_length

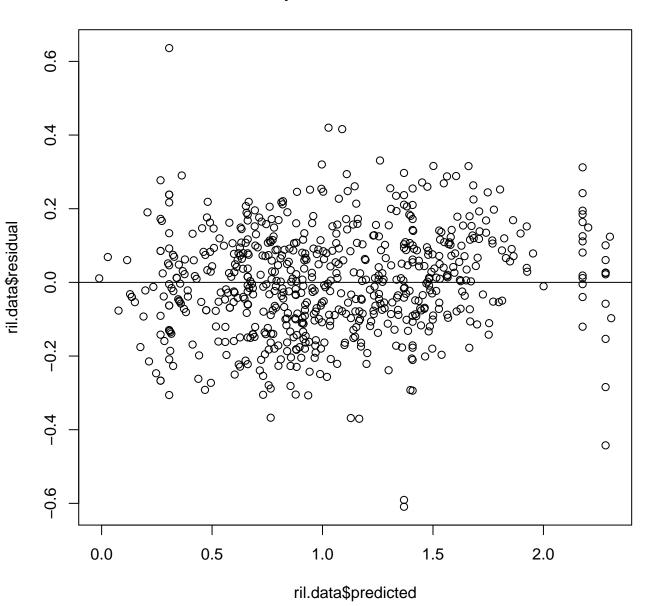


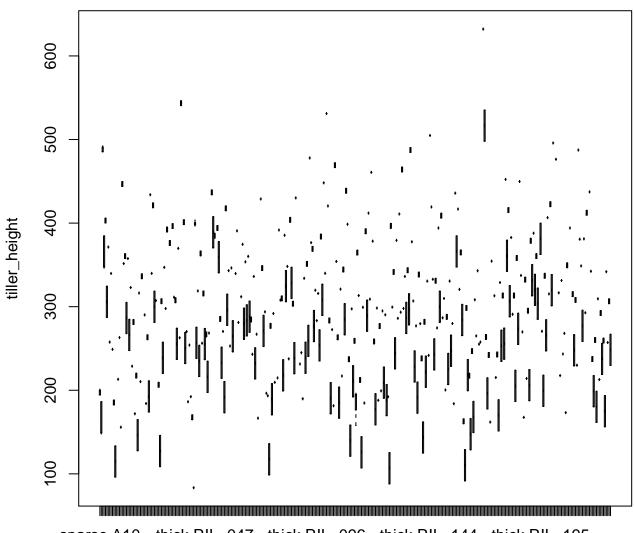


sparse.A10 thick.RIL\_047 thick.RIL\_096 thick.RIL\_144 thick.RIL\_195 density\_2013.model

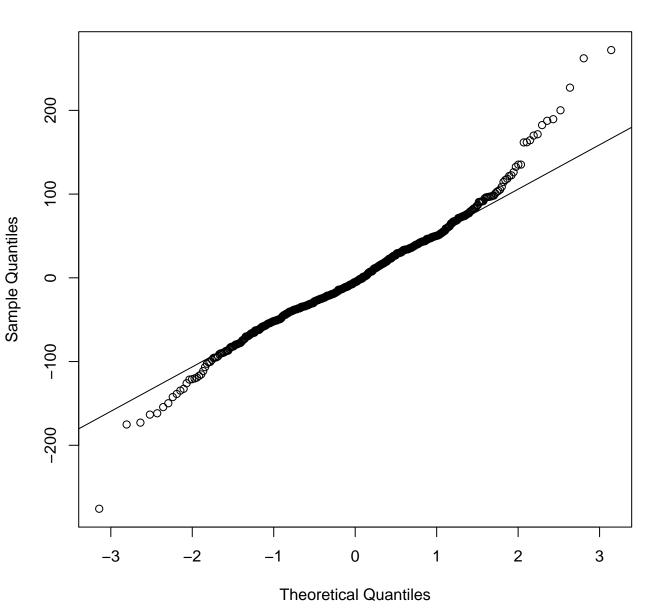


#### panicle\_number

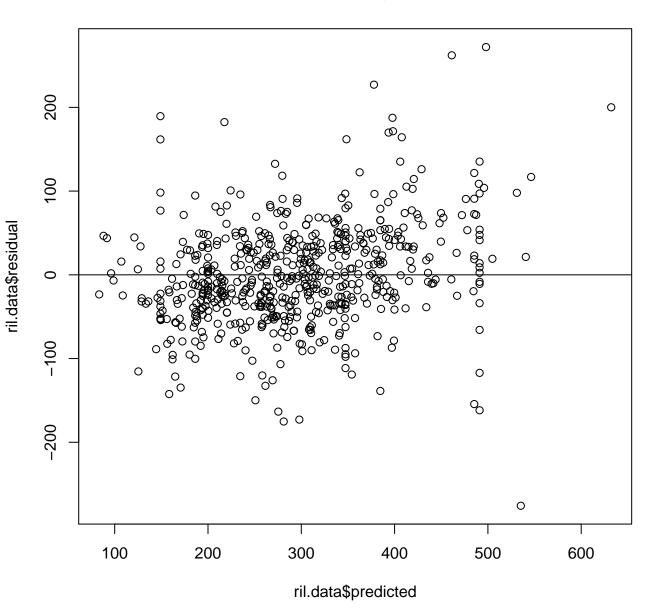


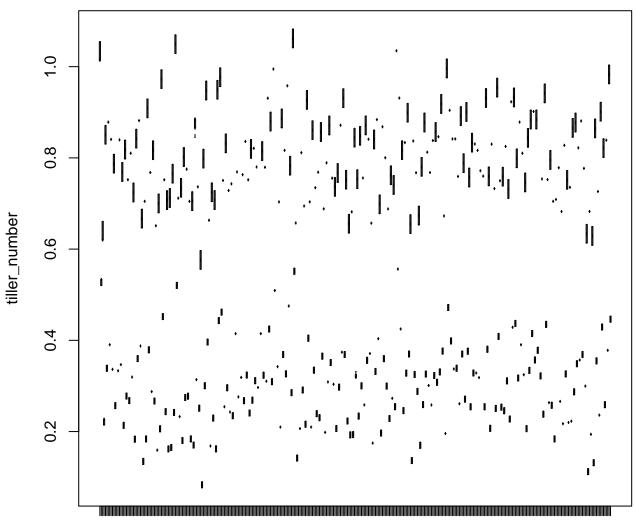


sparse.A10 thick.RIL\_047 thick.RIL\_096 thick.RIL\_144 thick.RIL\_195 density\_2013.model

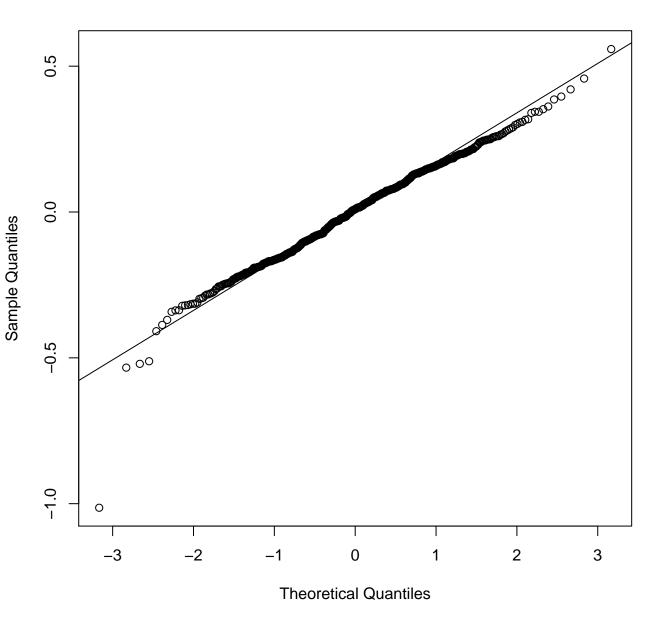


#### tiller\_height





sparse.A10 thick.RIL\_047 thick.RIL\_096 thick.RIL\_144 thick.RIL\_195 density\_2013.model



#### tiller\_number

