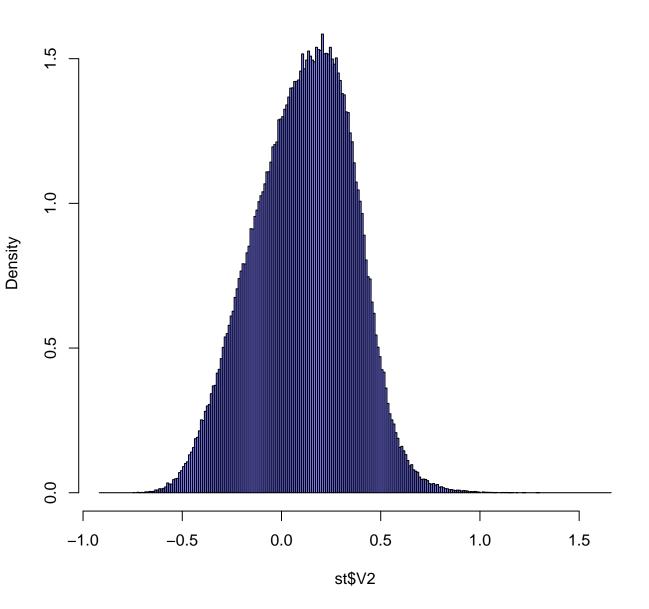
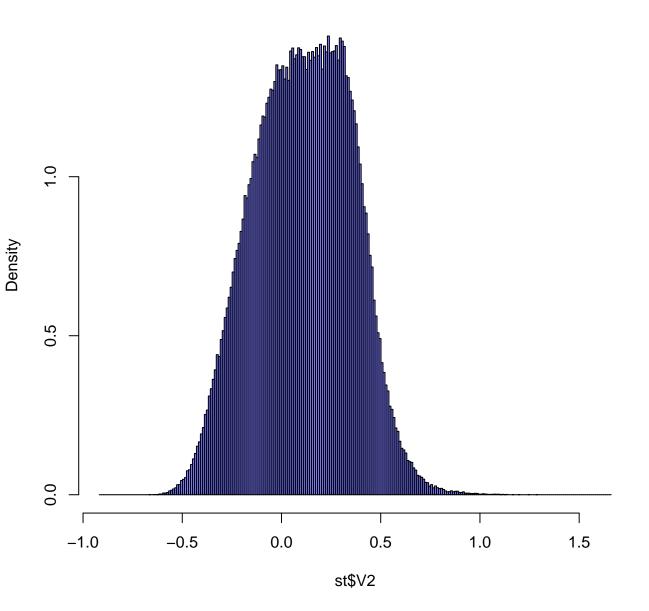


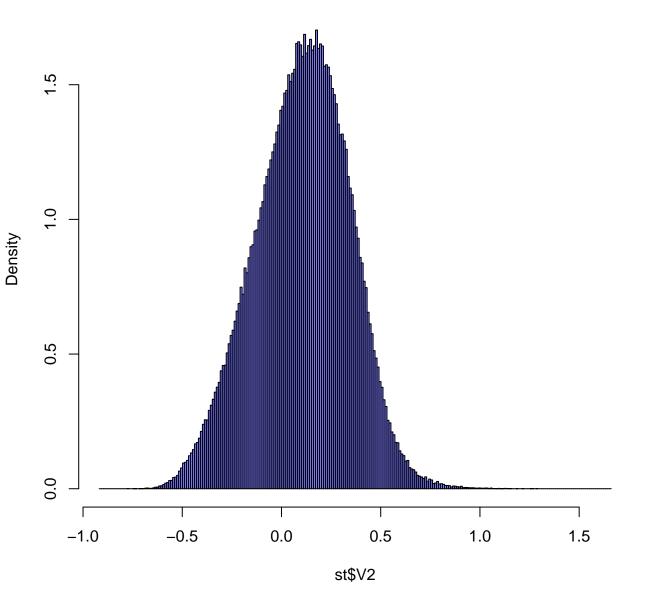
R<ALA>A<CA>



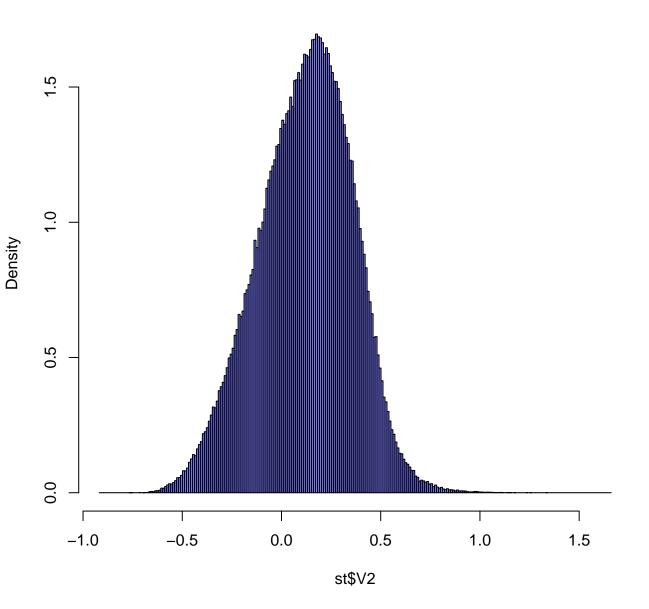
R<ALA>A<CB>



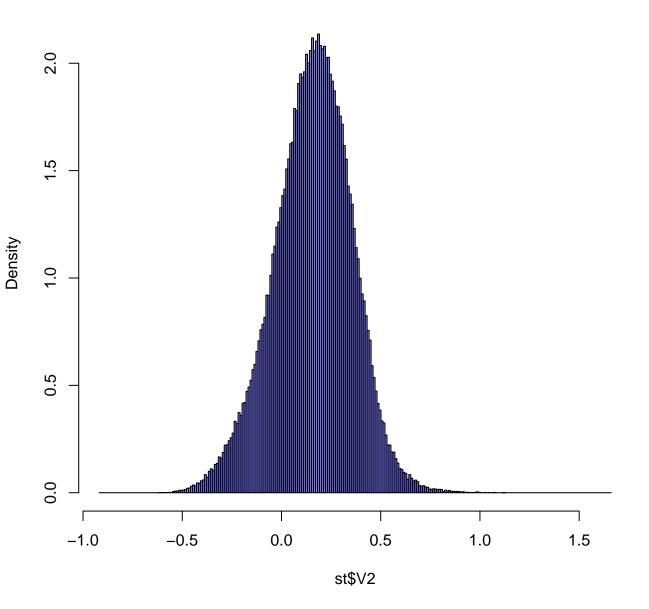




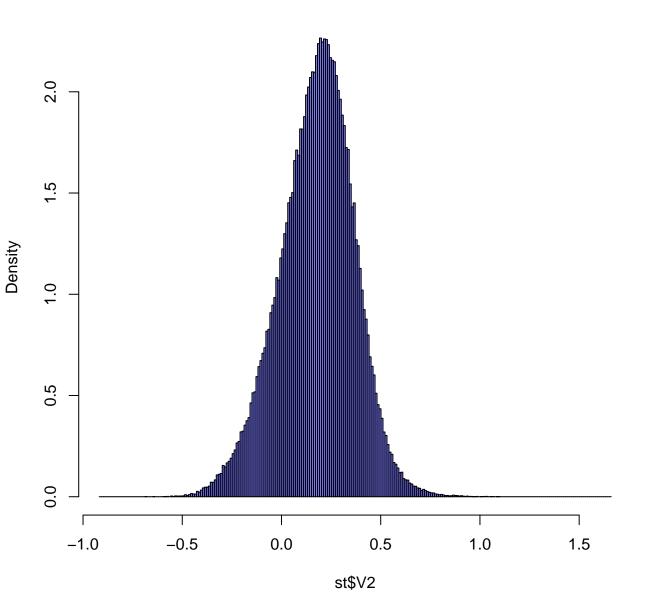




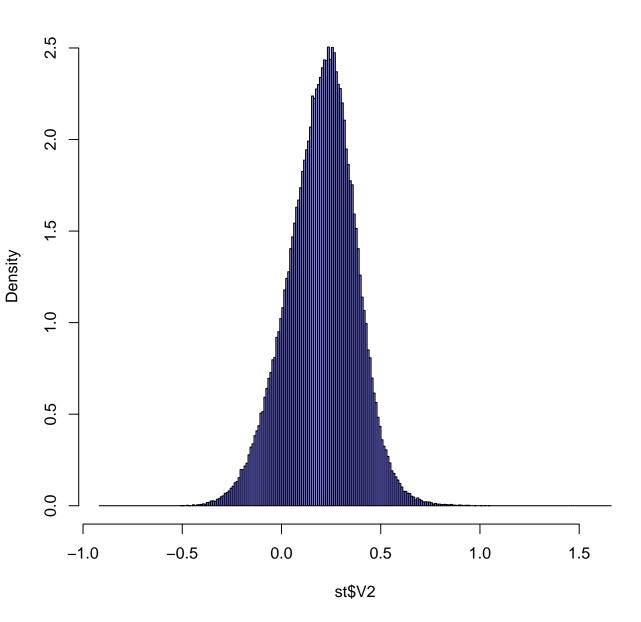




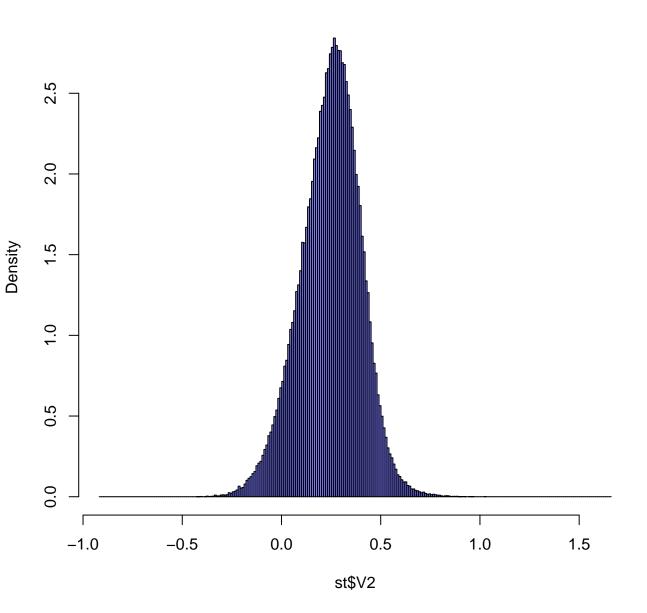




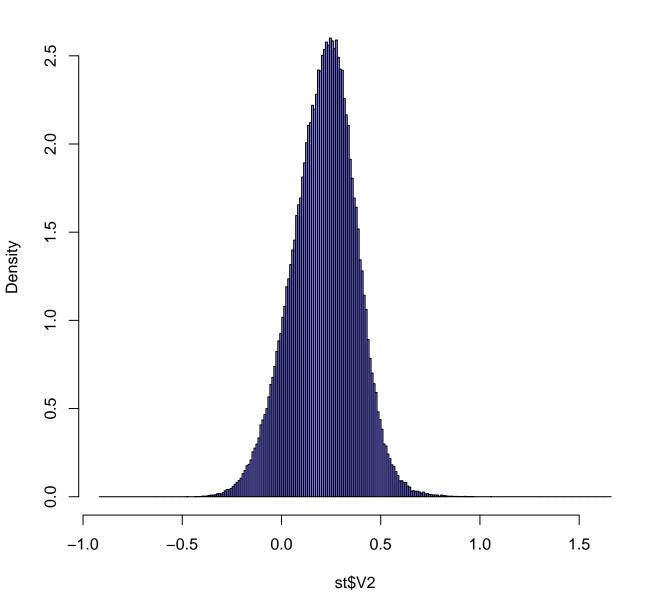




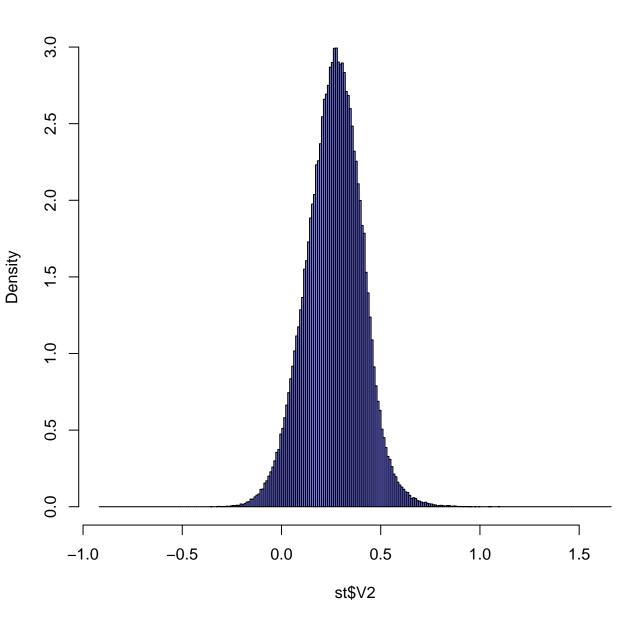




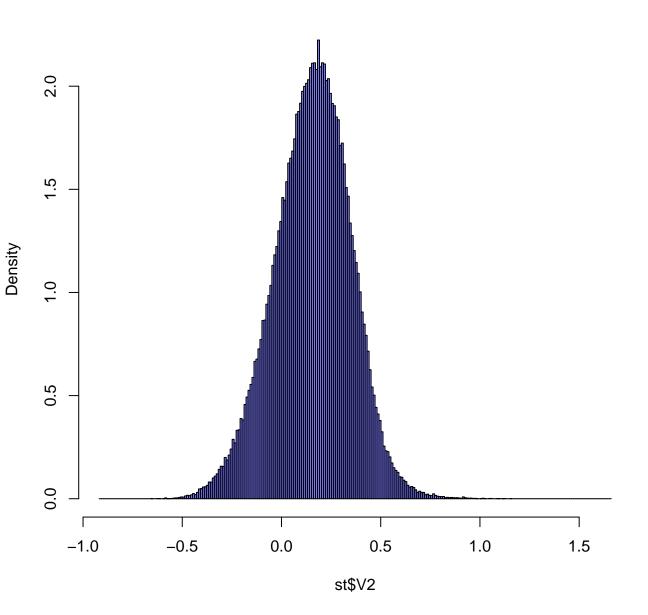




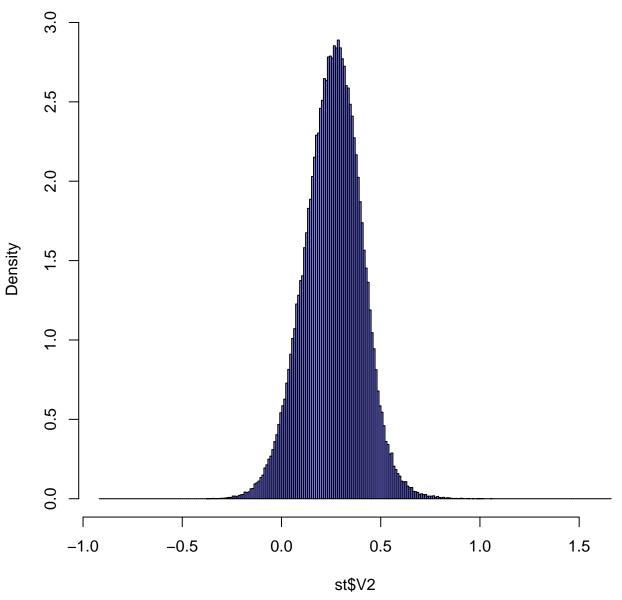




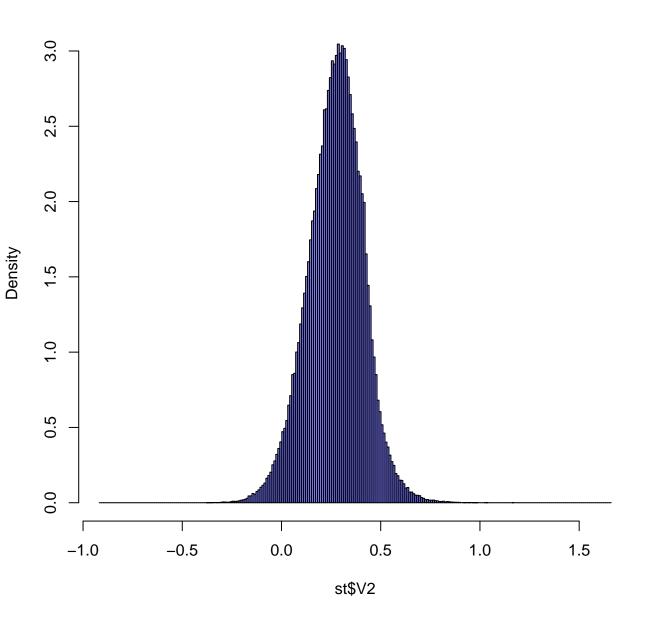




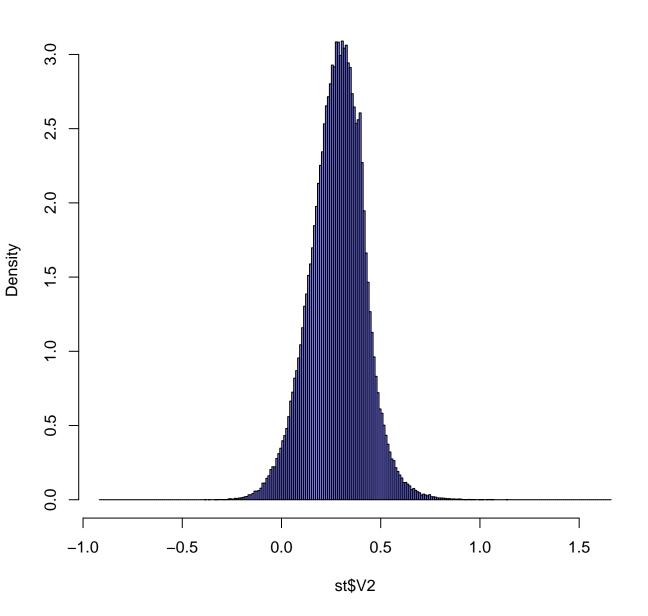




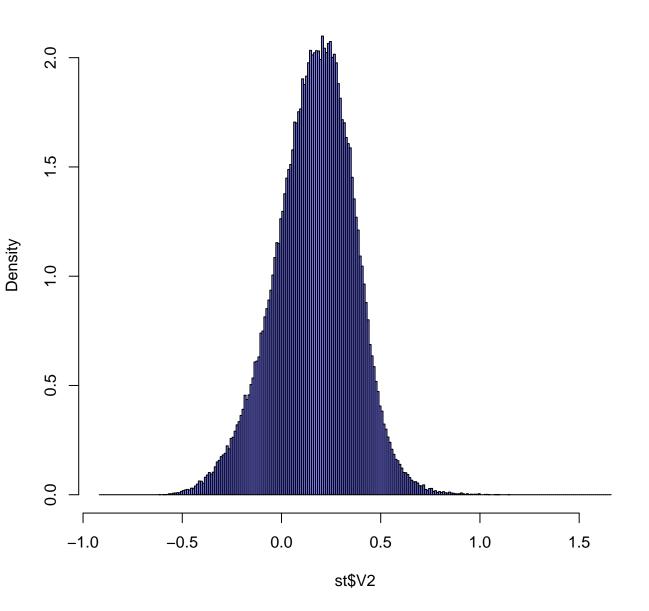
R<ARG>A<NH1>



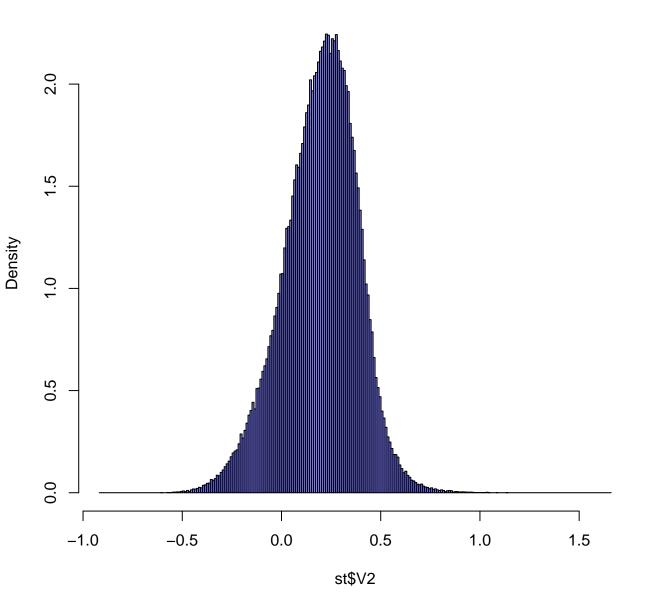
R<ARG>A<NH2>



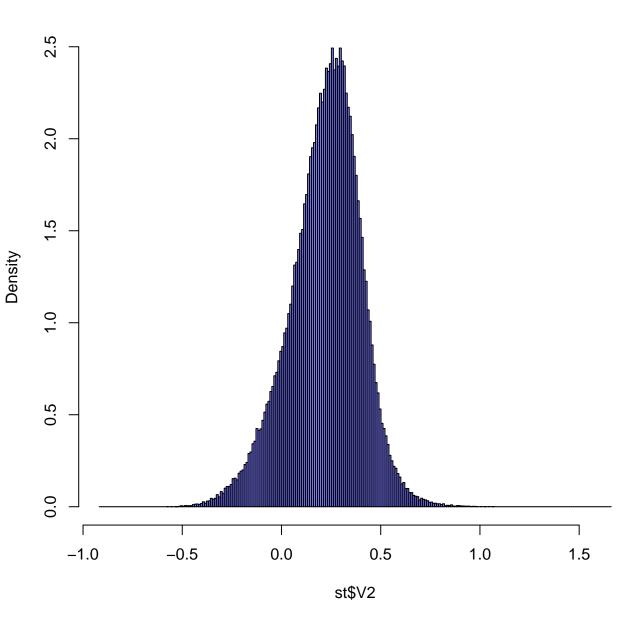




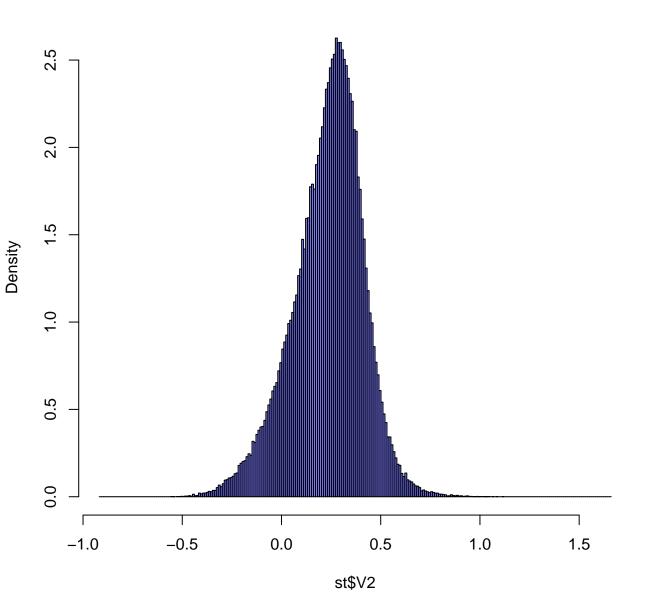




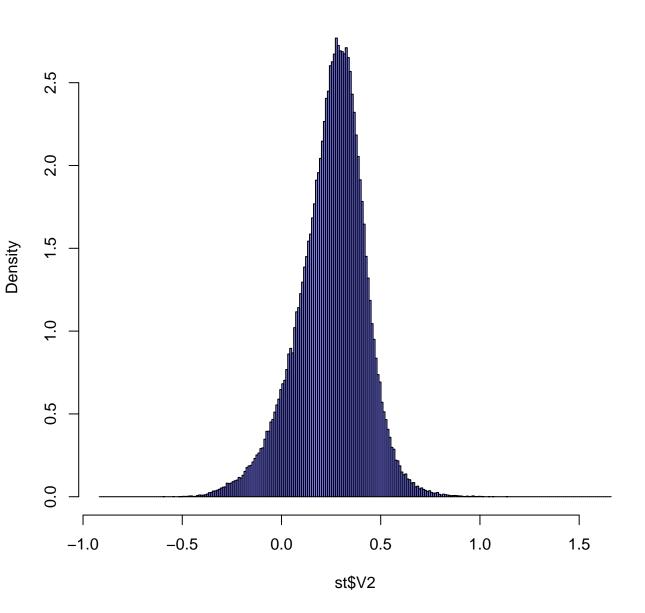




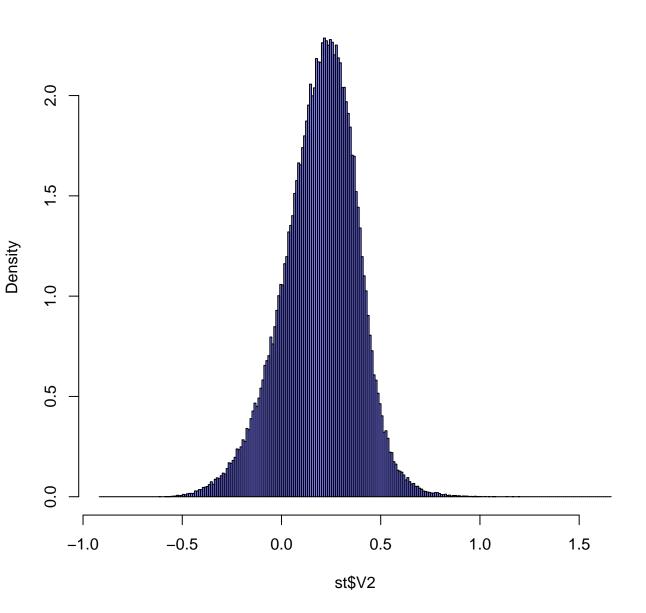




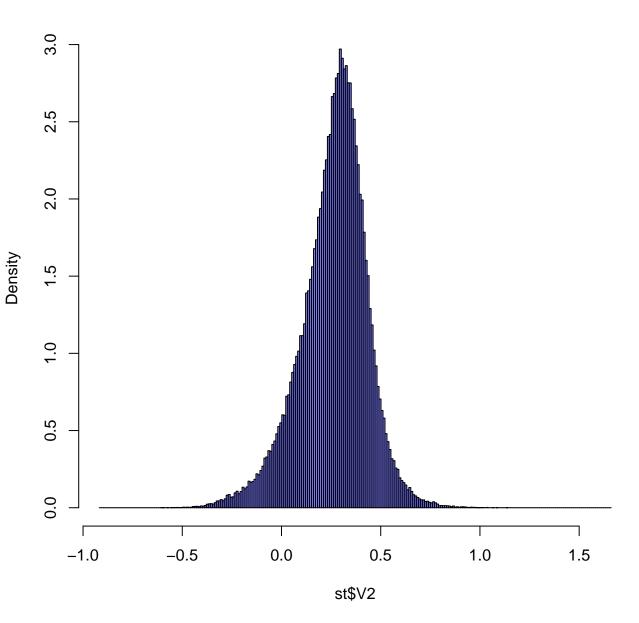




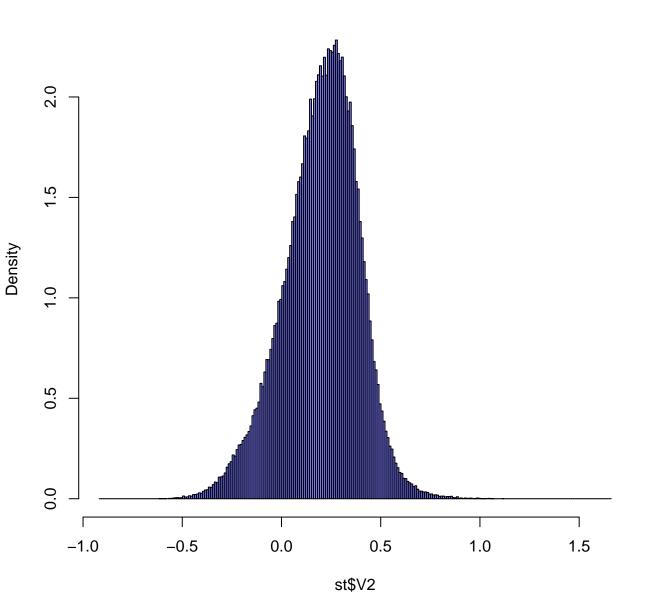




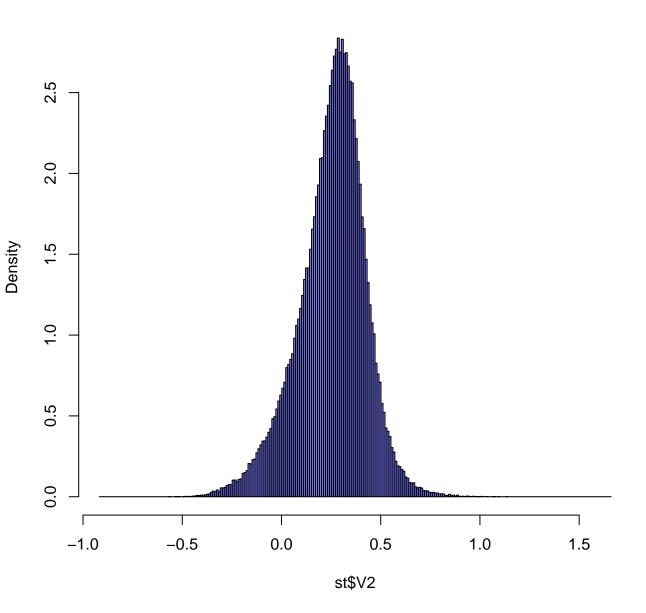
R<ASN>A<ND2>



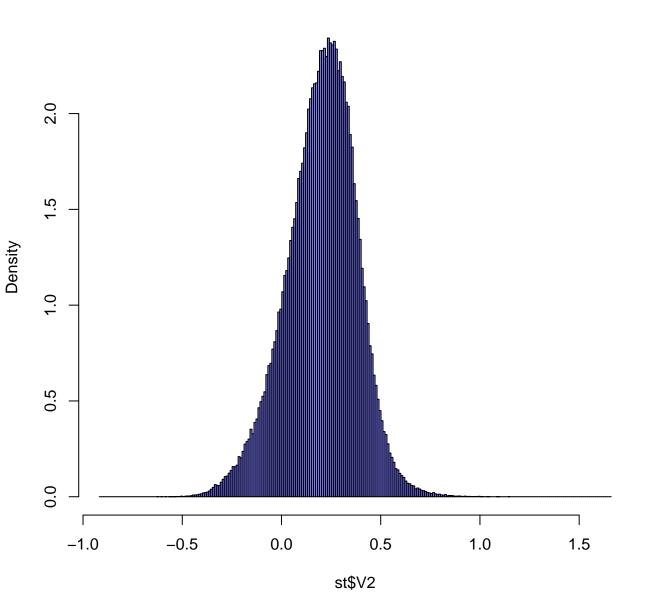




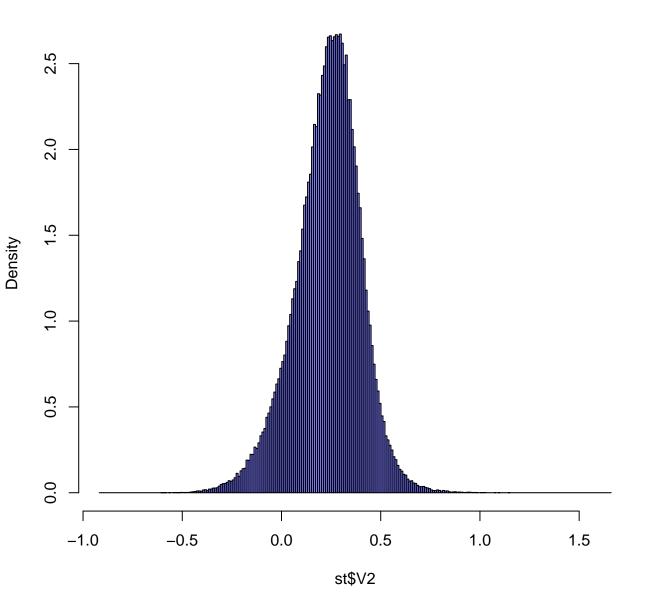
R<ASN>A<OD1>



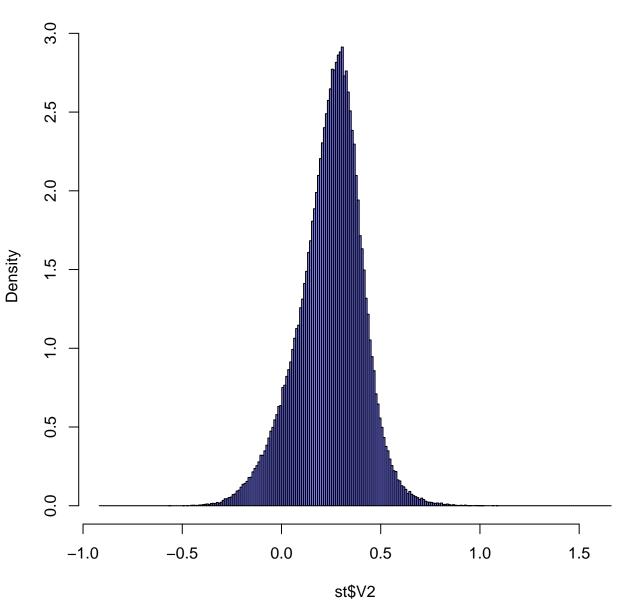


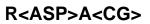


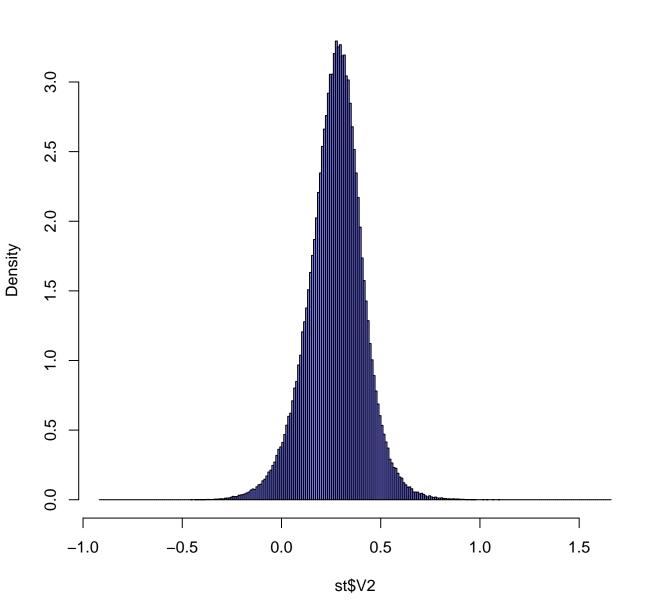
R<ASP>A<CA>

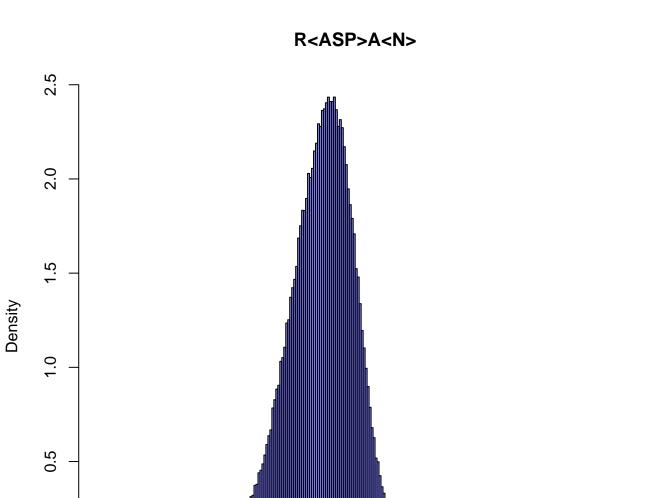












0.0

-1.0

-0.5

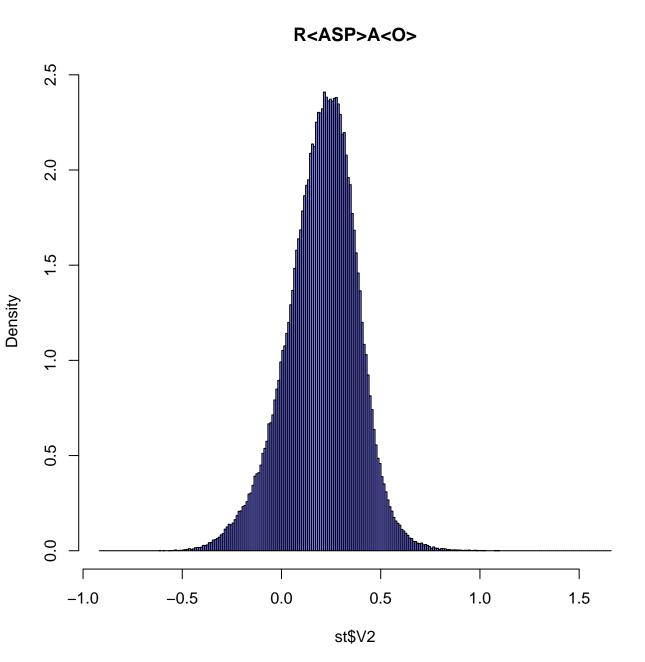
0.0

0.5

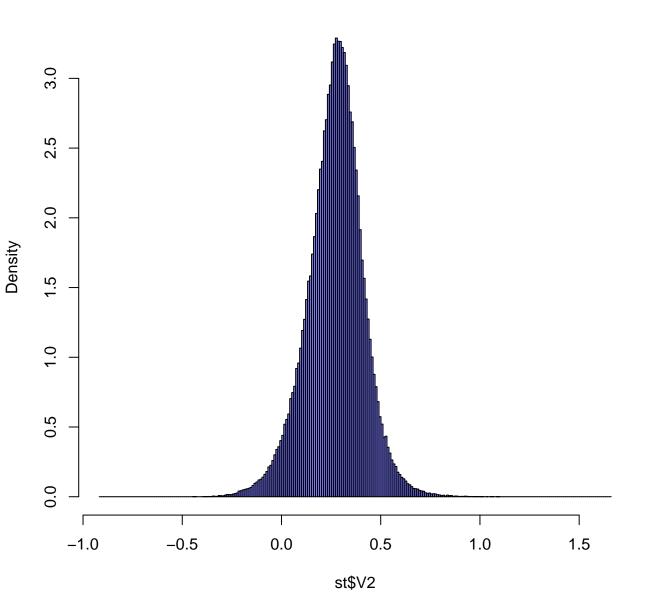
st\$V2

1.0

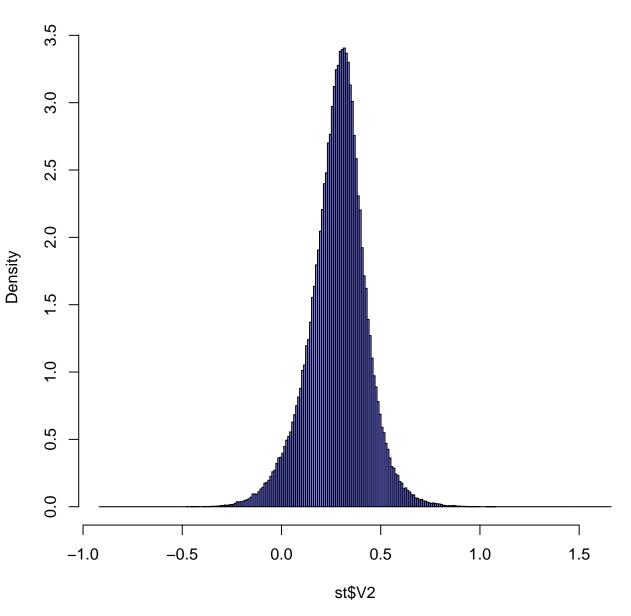
1.5



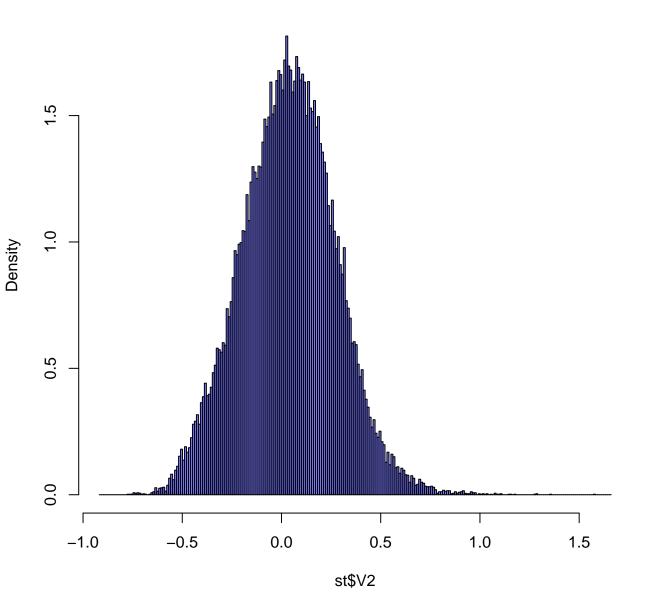
R<ASP>A<OD1>



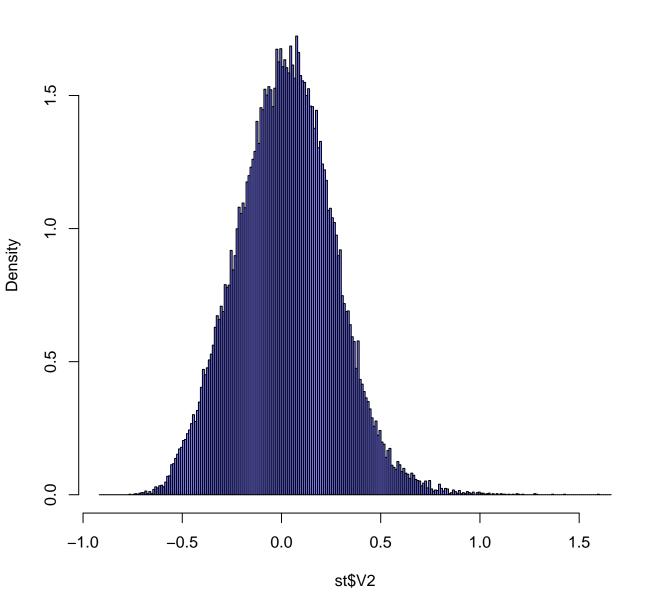




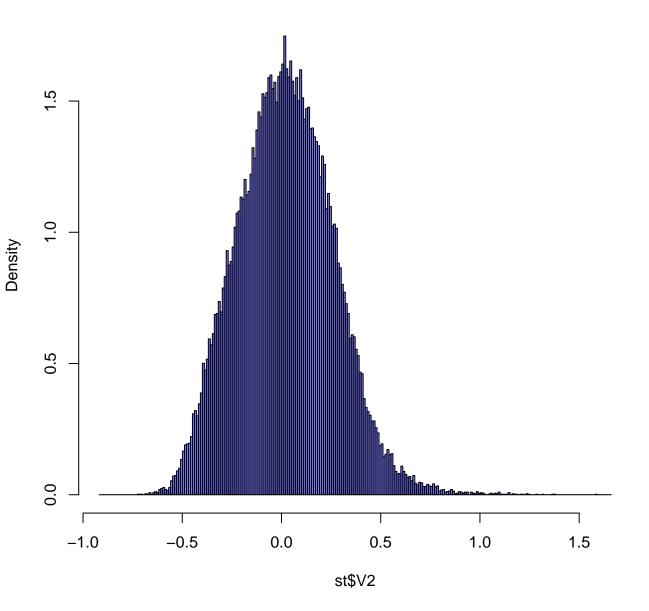




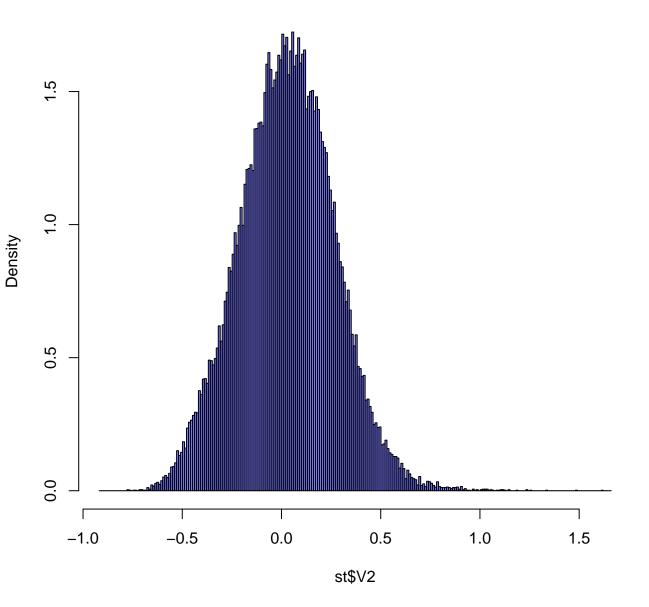
R<CYS>A<CA>



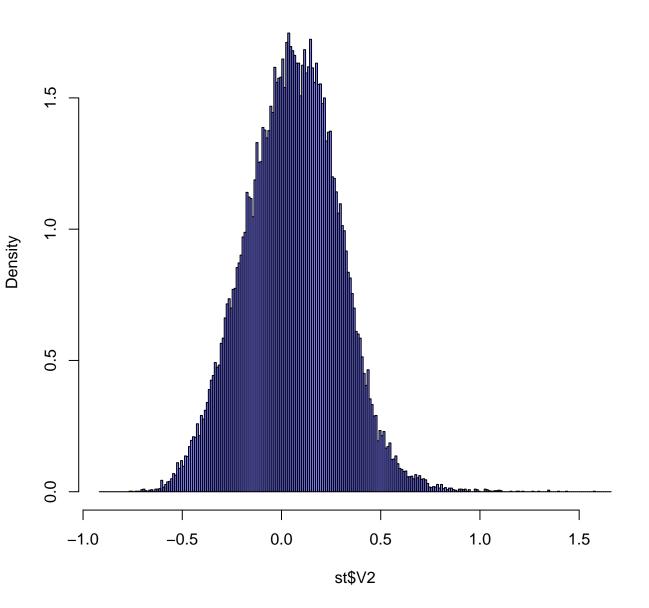
R<CYS>A<CB>



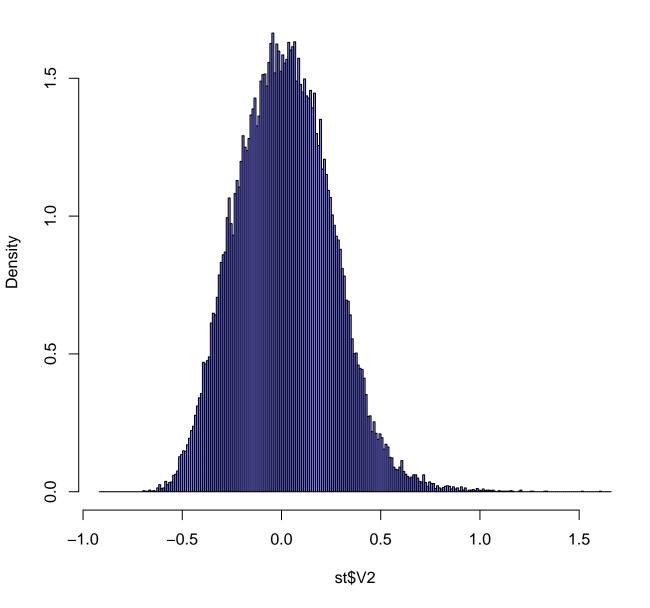
R<CYS>A<N>



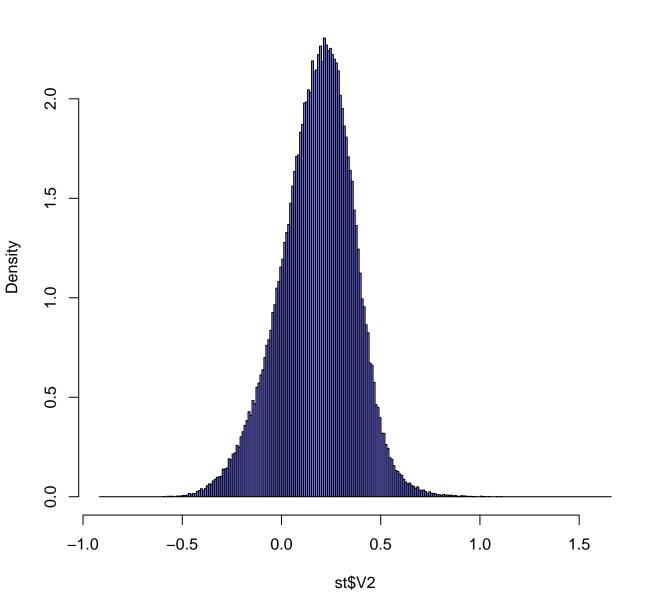
R<CYS>A<O>



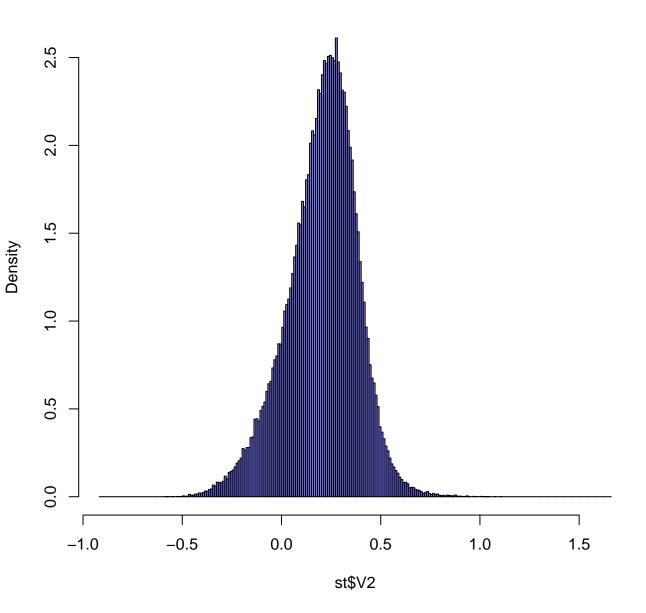
R<CYS>A<SG>



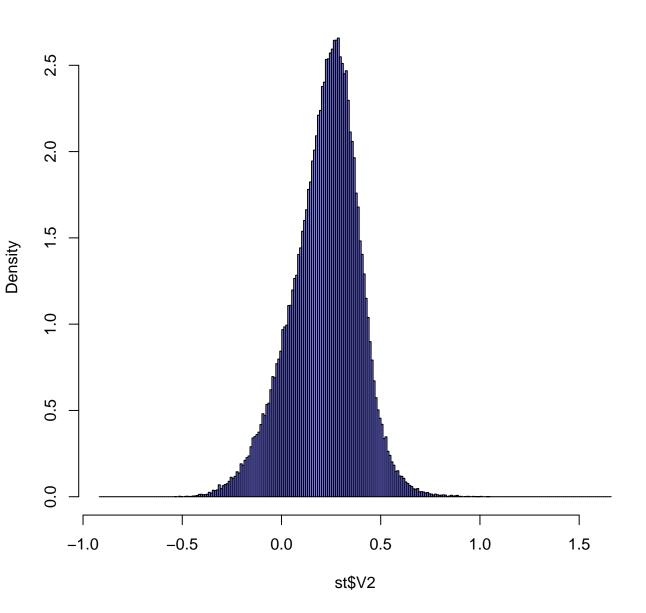




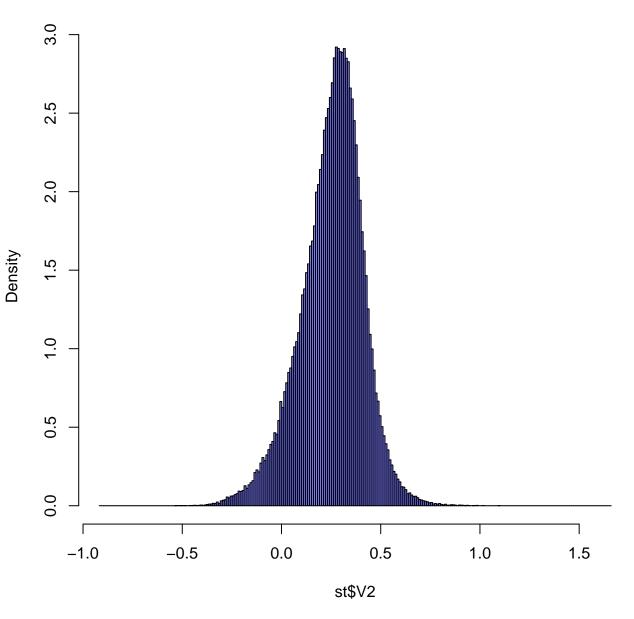


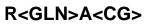


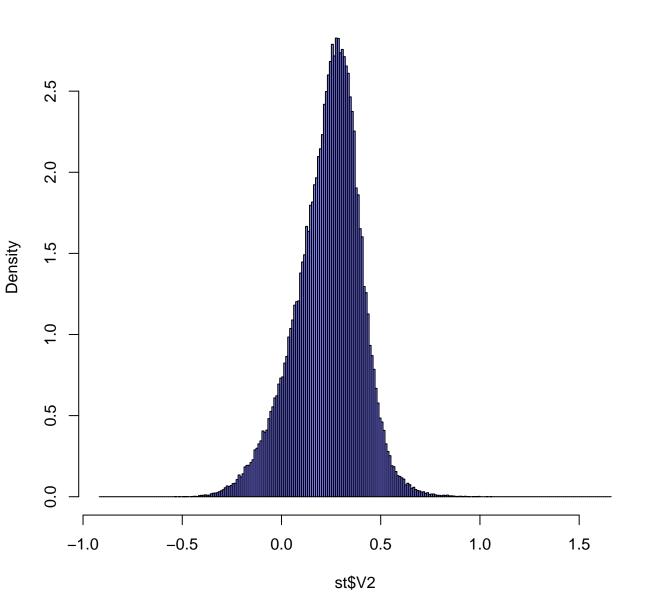




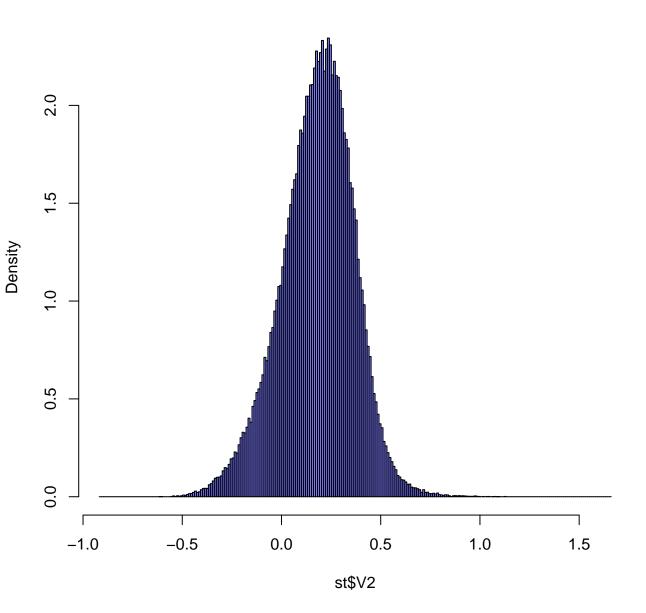




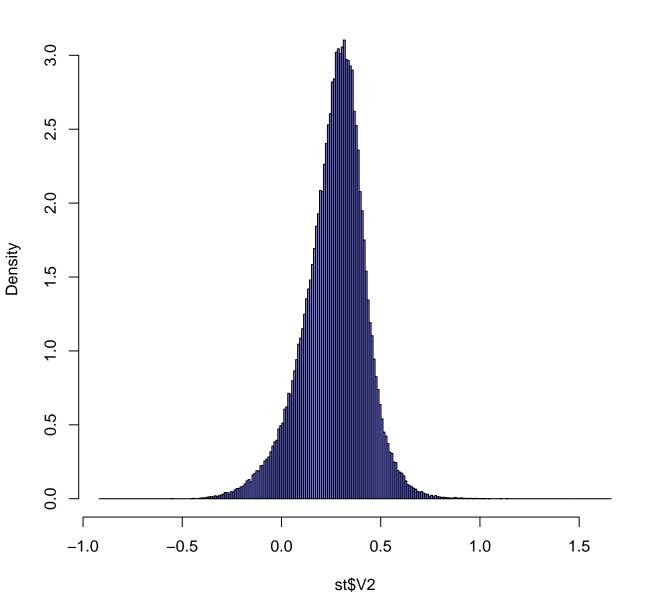




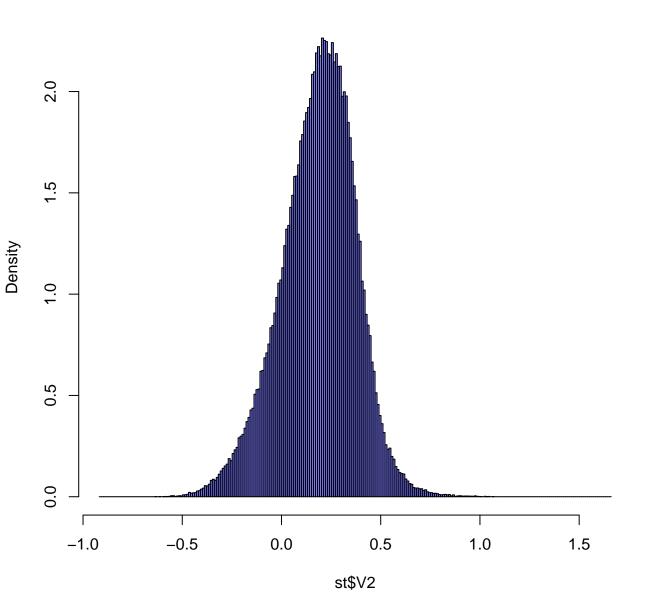




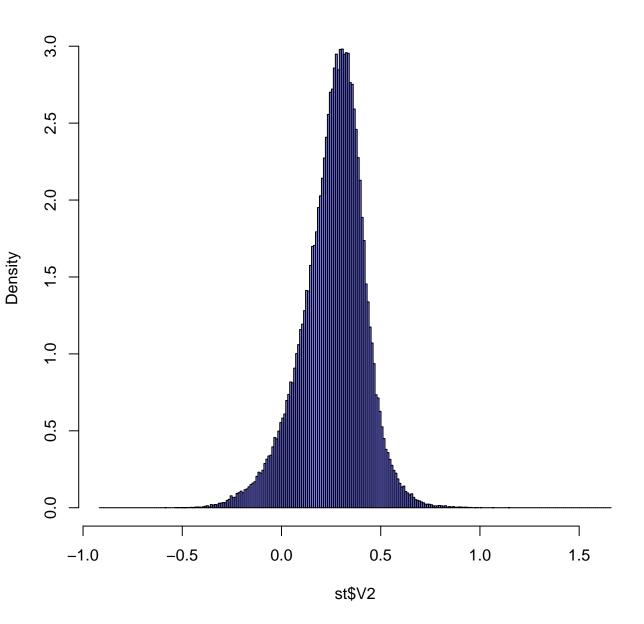
R<GLN>A<NE2>



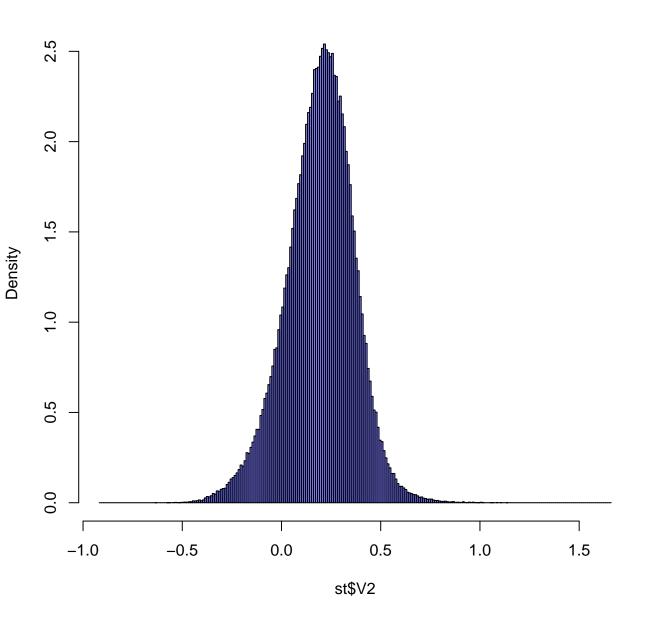




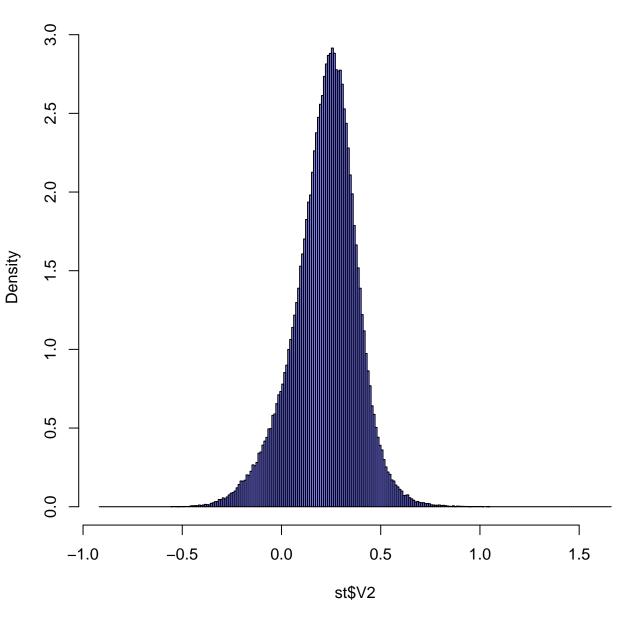
R<GLN>A<OE1>



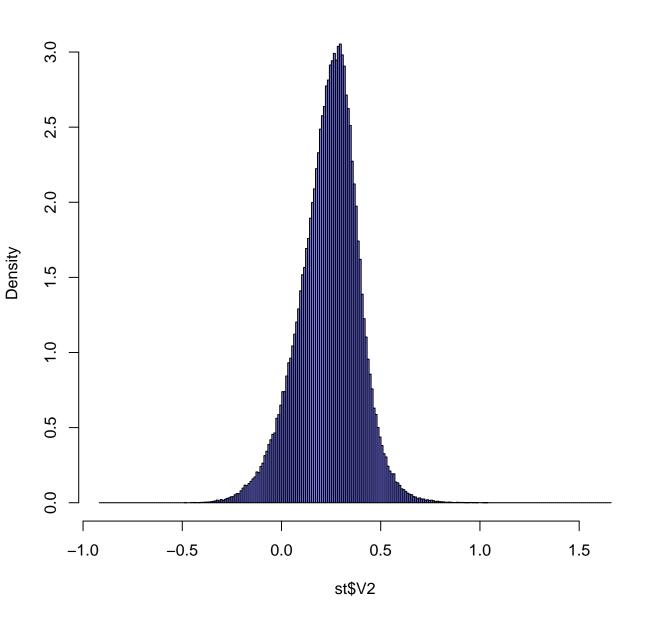




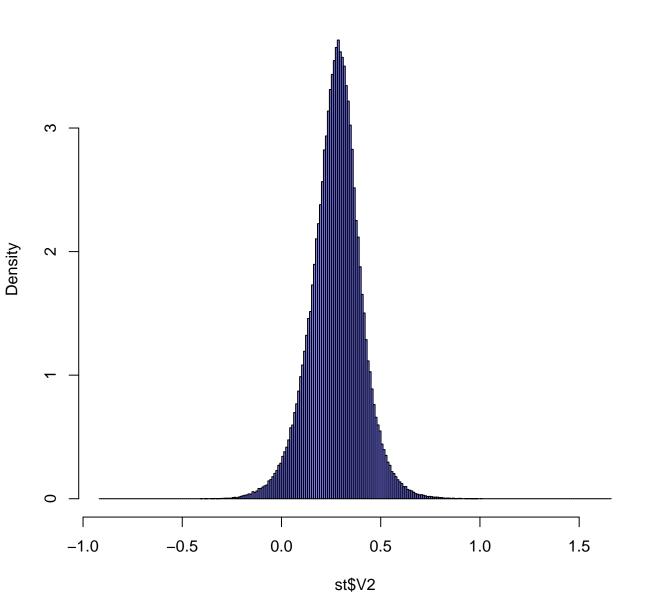


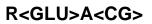


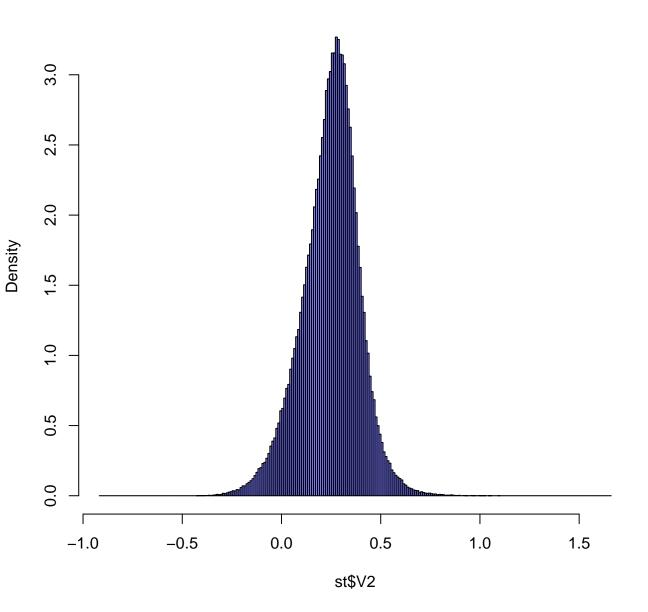




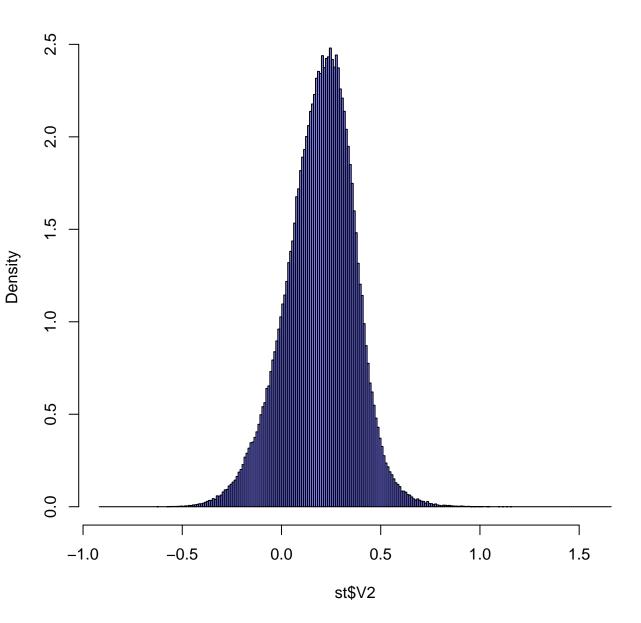




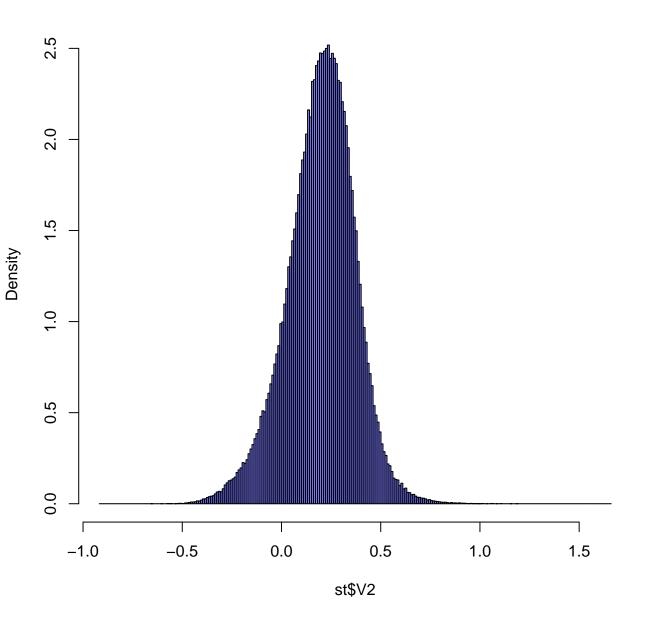




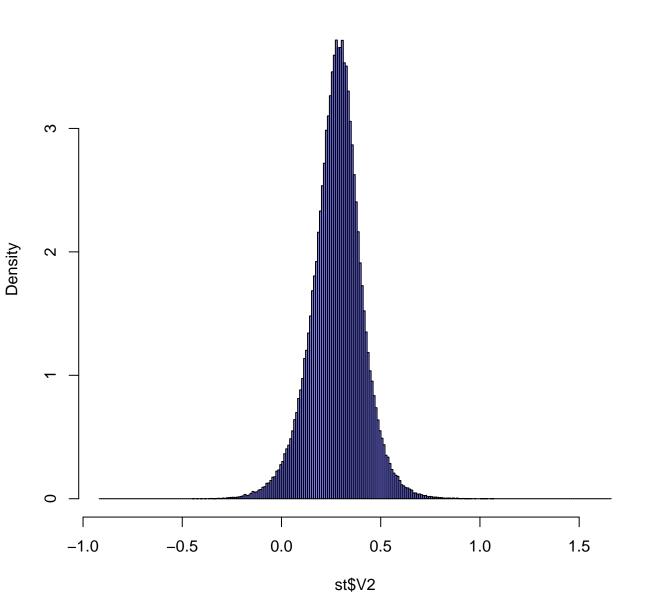




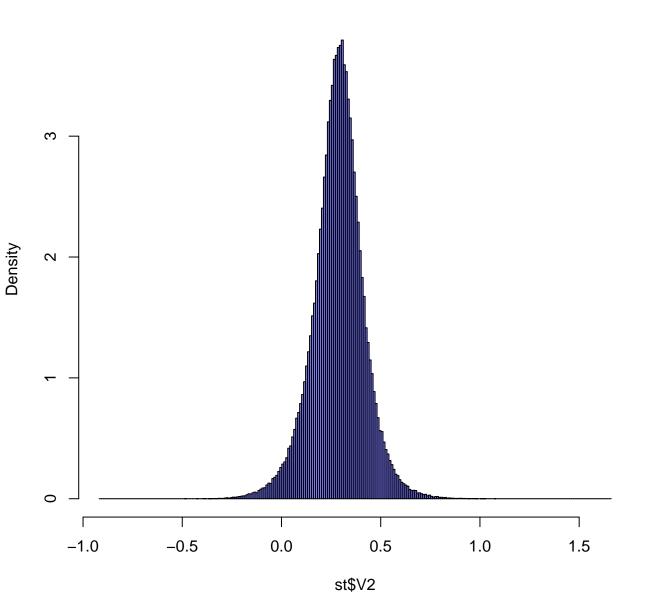




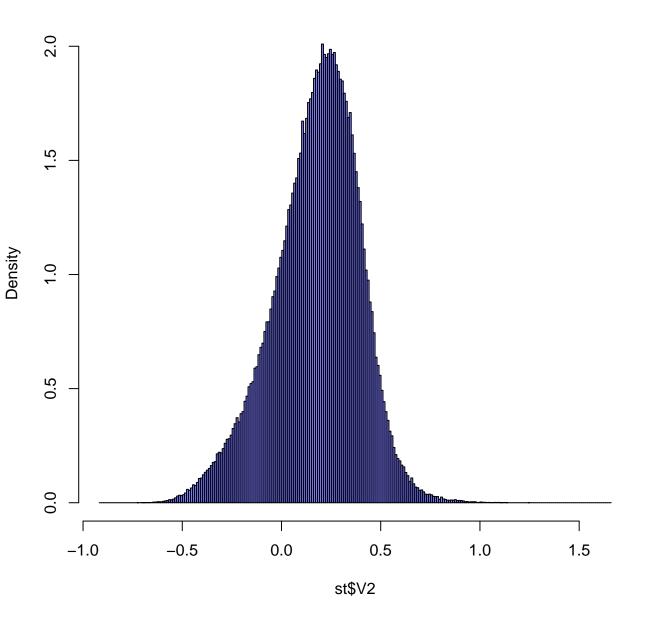
R<GLU>A<OE1>



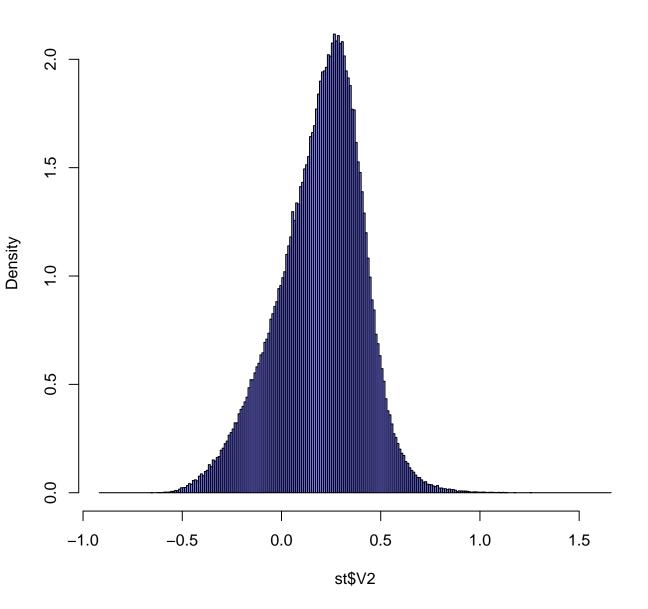
R<GLU>A<OE2>



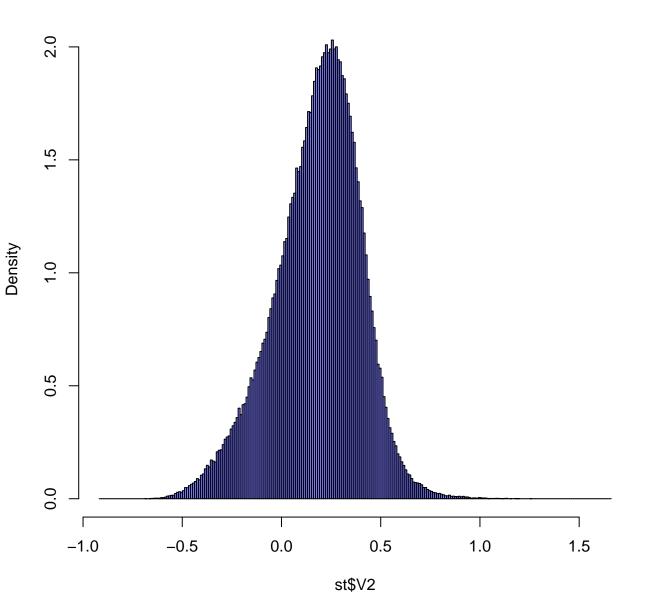


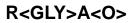


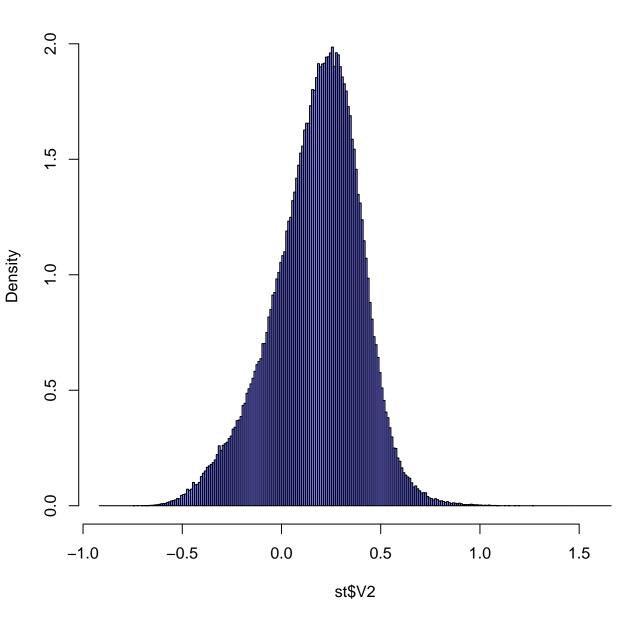
R<GLY>A<CA>

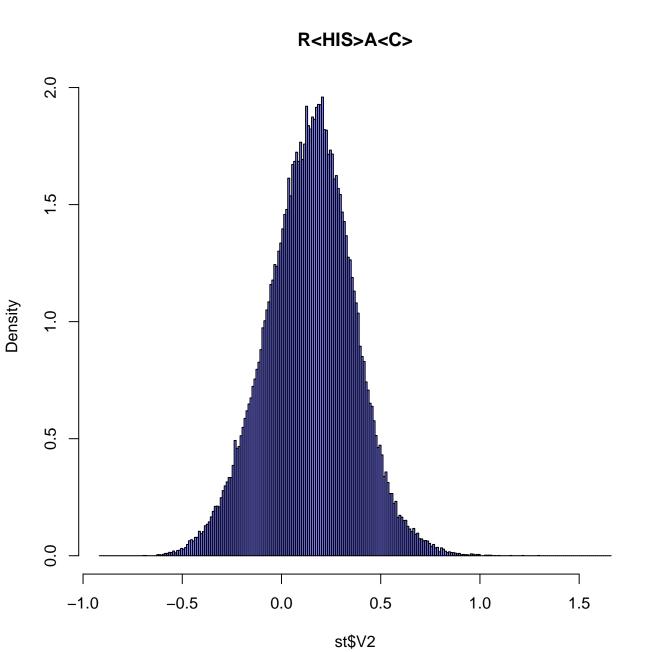




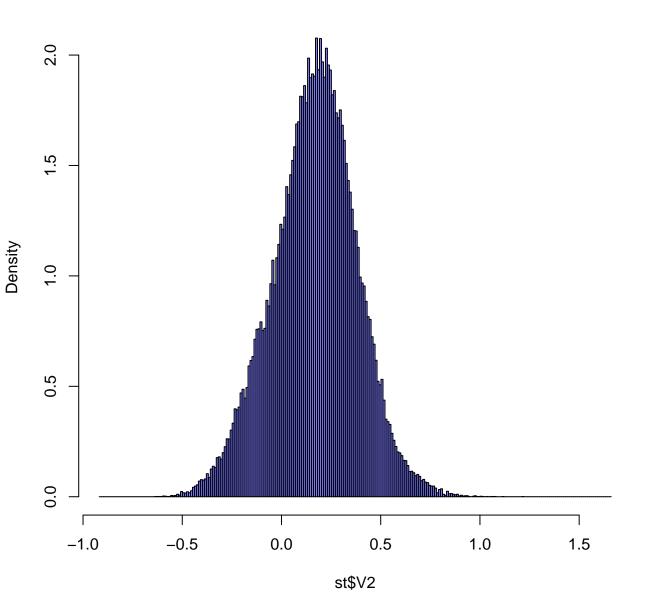




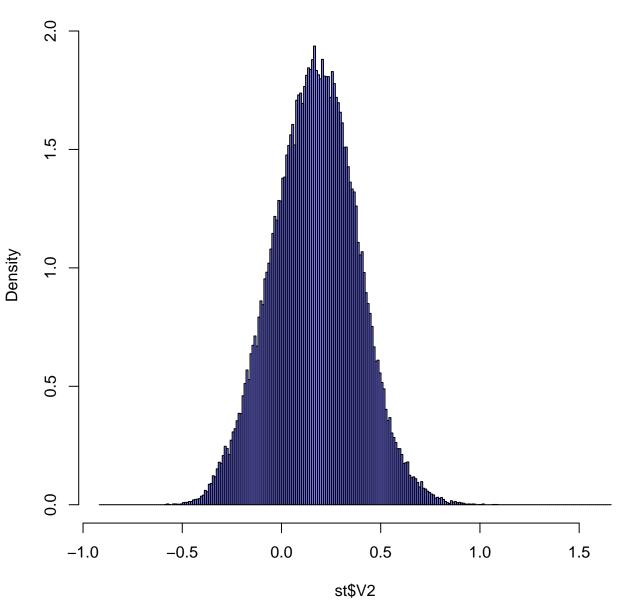




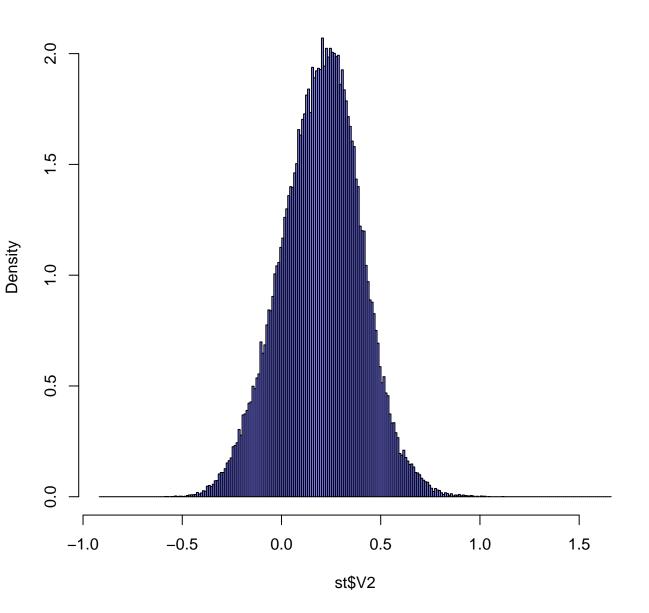
R<HIS>A<CA>



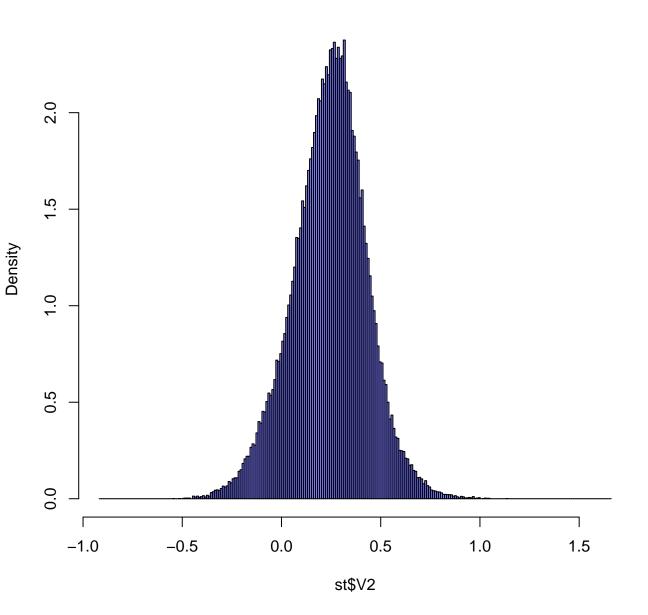


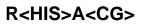


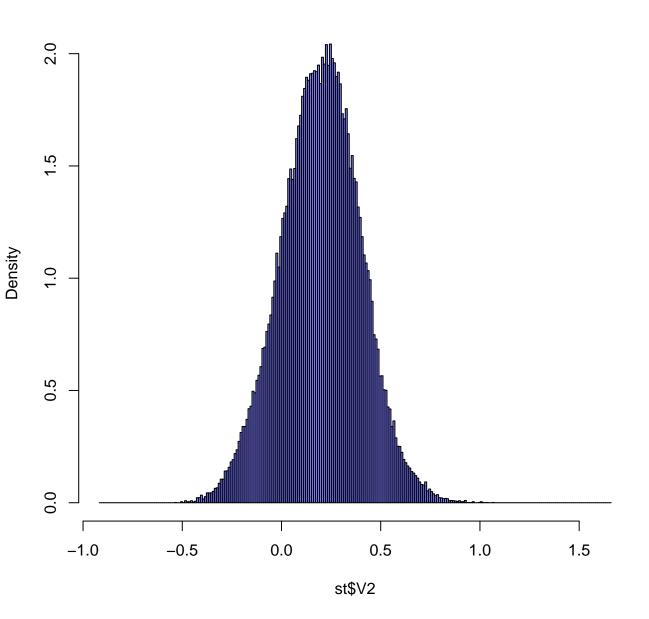
R<HIS>A<CD2>



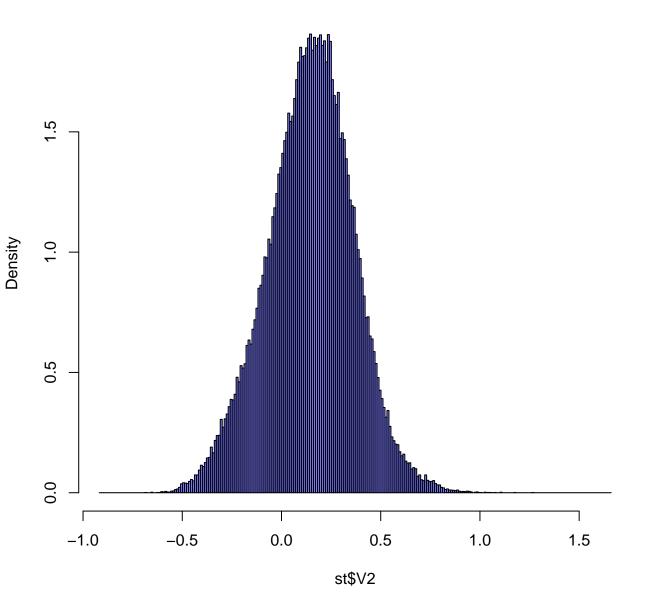
R<HIS>A<CE1>



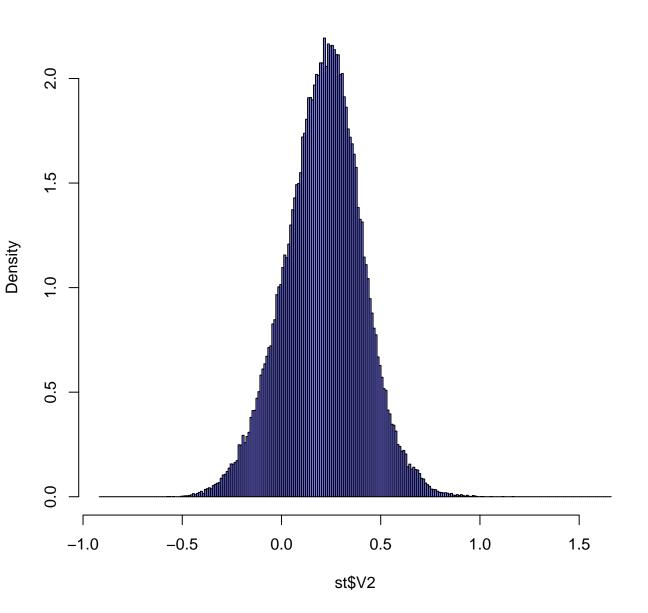




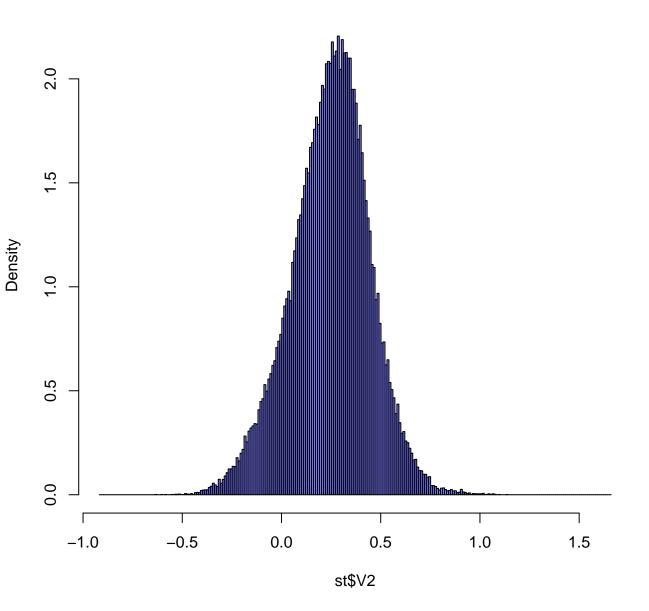


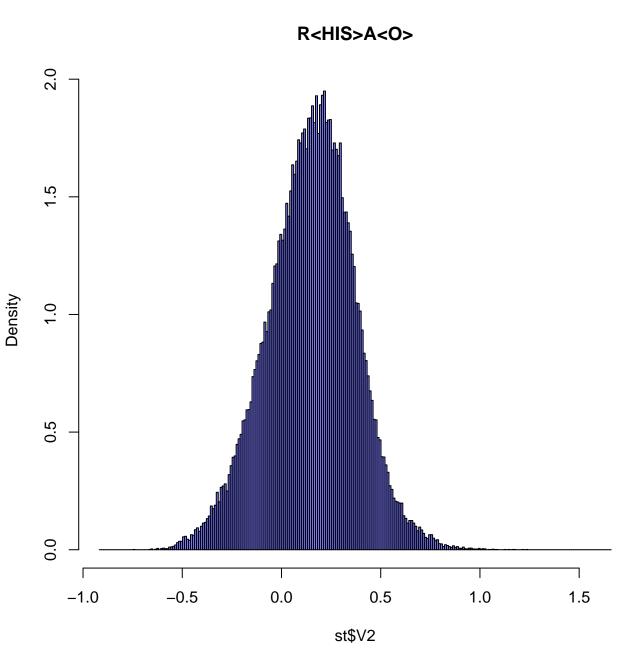


R<HIS>A<ND1>

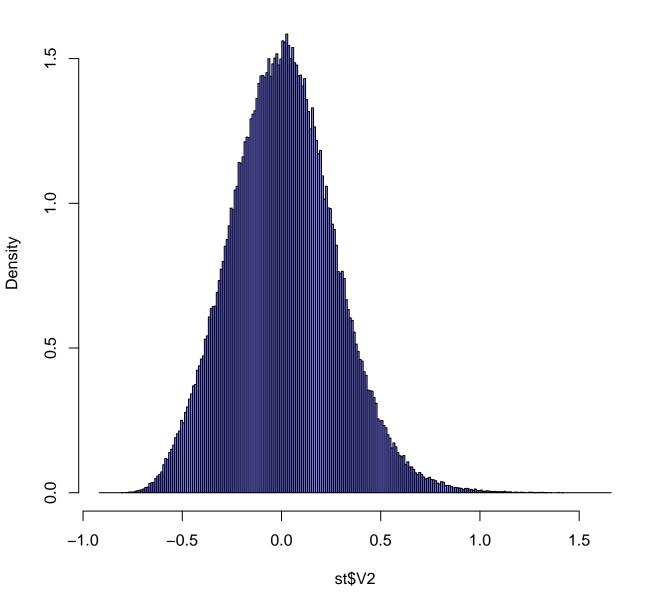


R<HIS>A<NE2>

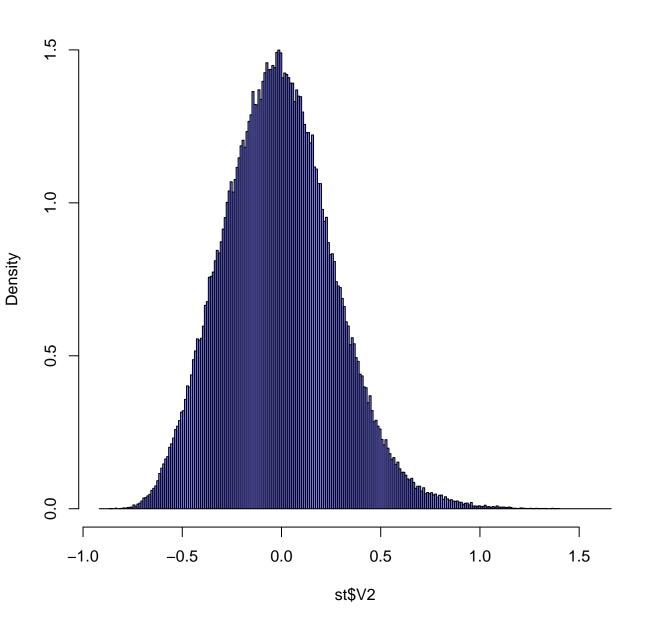




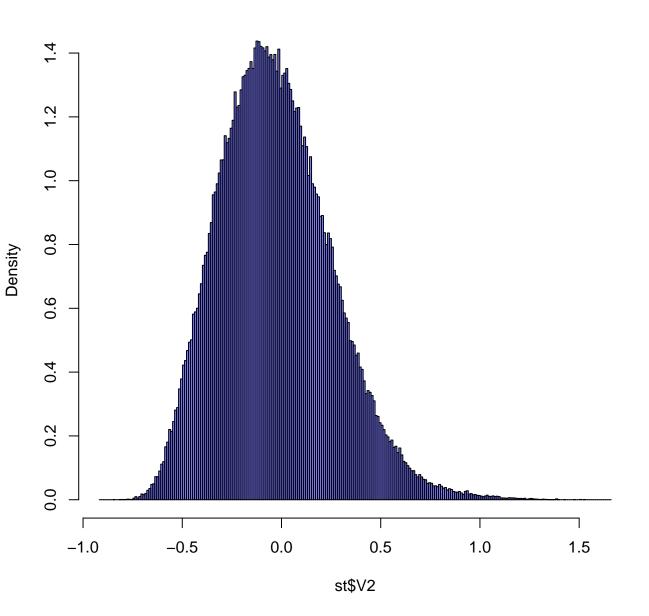




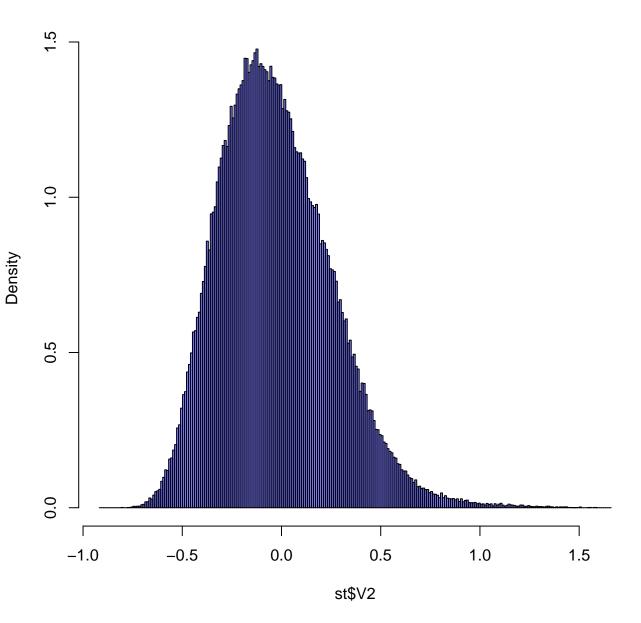
R<ILE>A<CA>



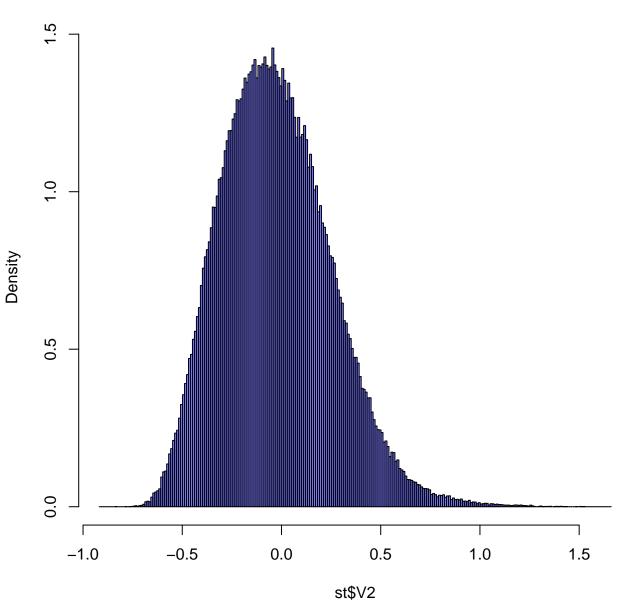
R<ILE>A<CB>



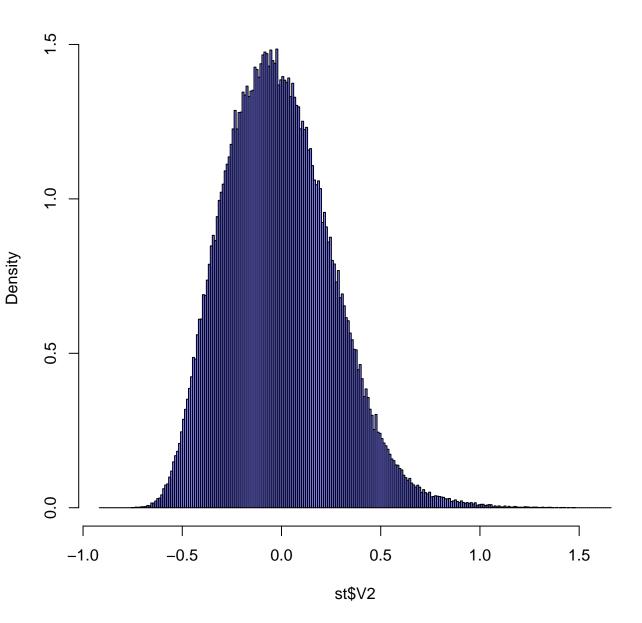




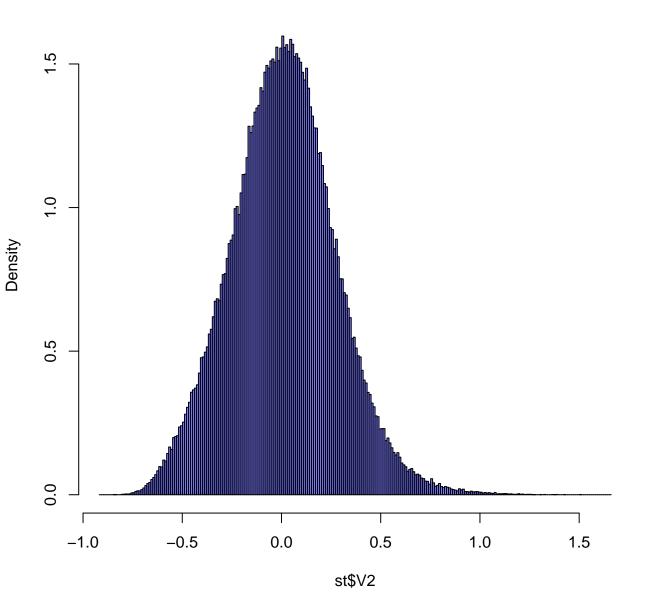




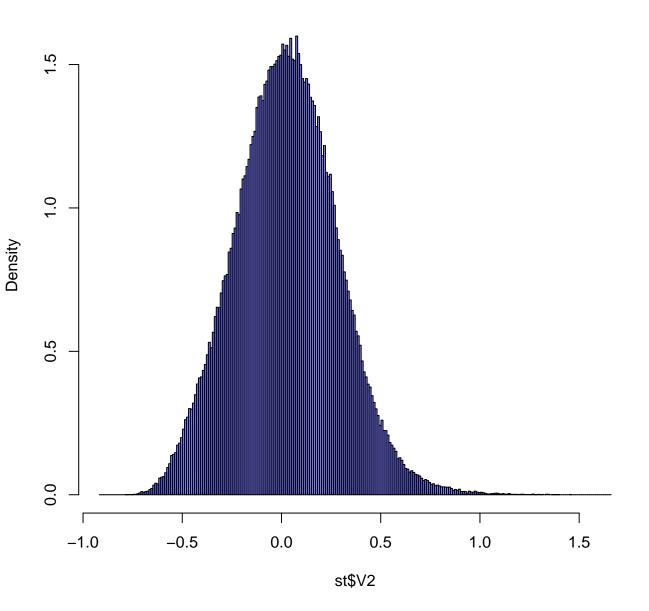




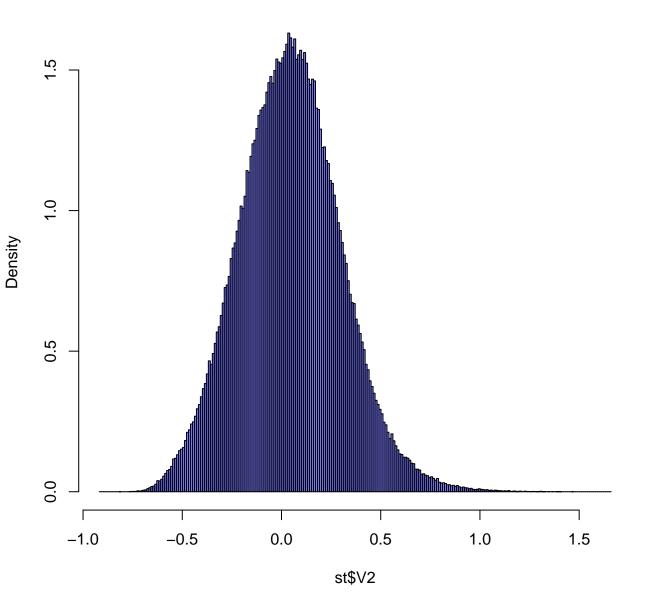
R<ILE>A<N>



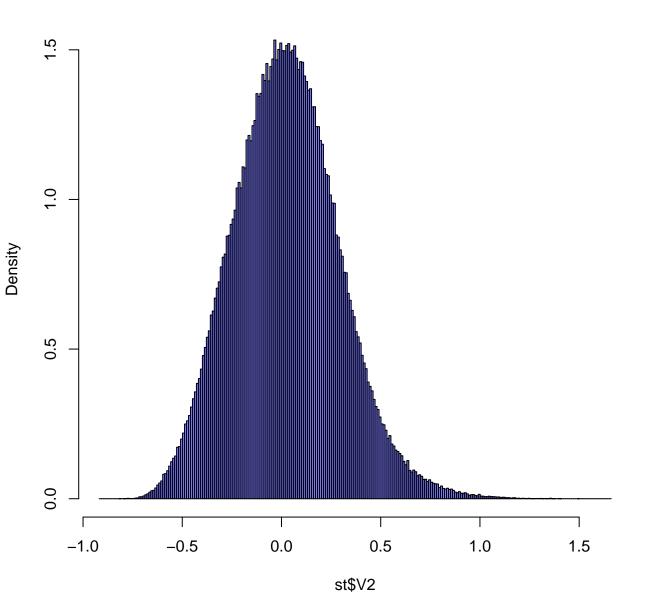




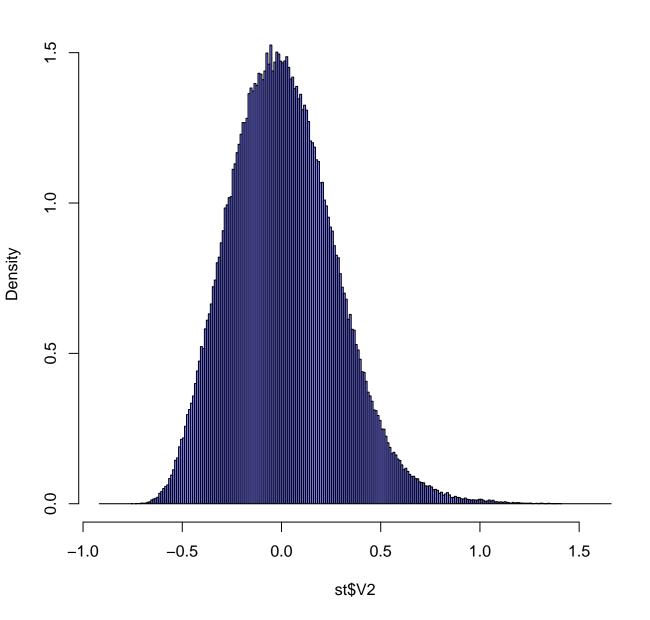




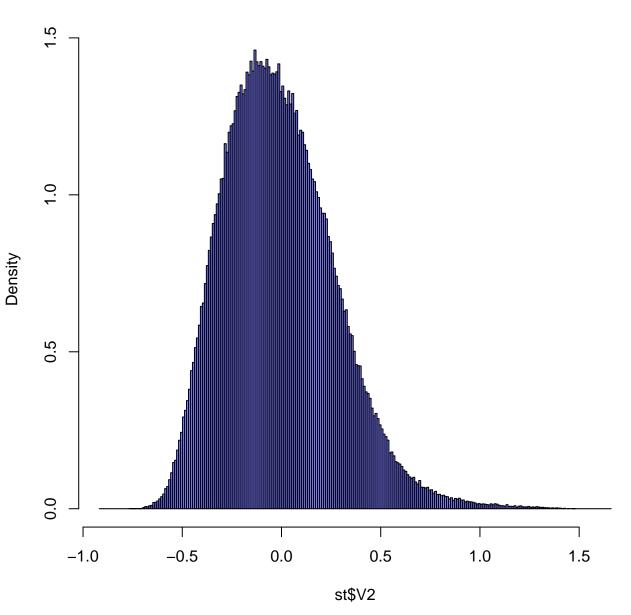
R<LEU>A<CA>



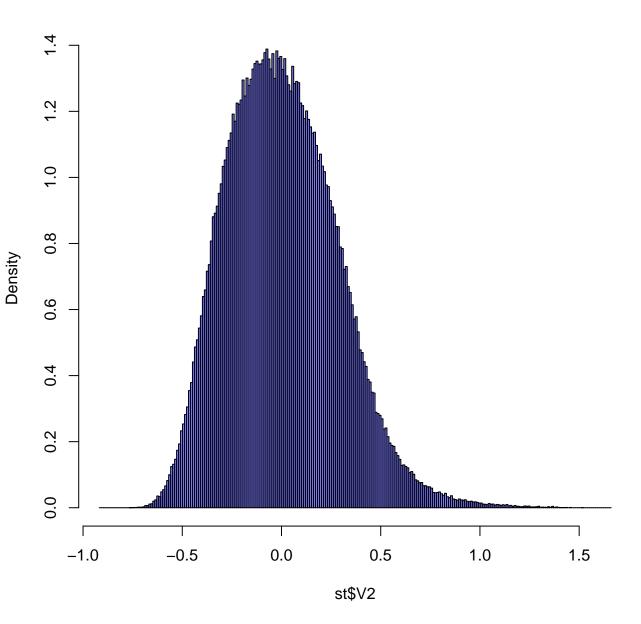
R<LEU>A<CB>



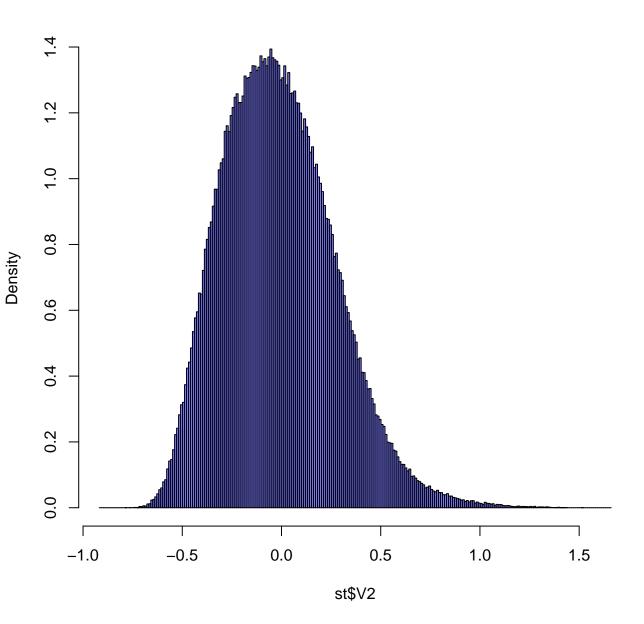
R<LEU>A<CD1>



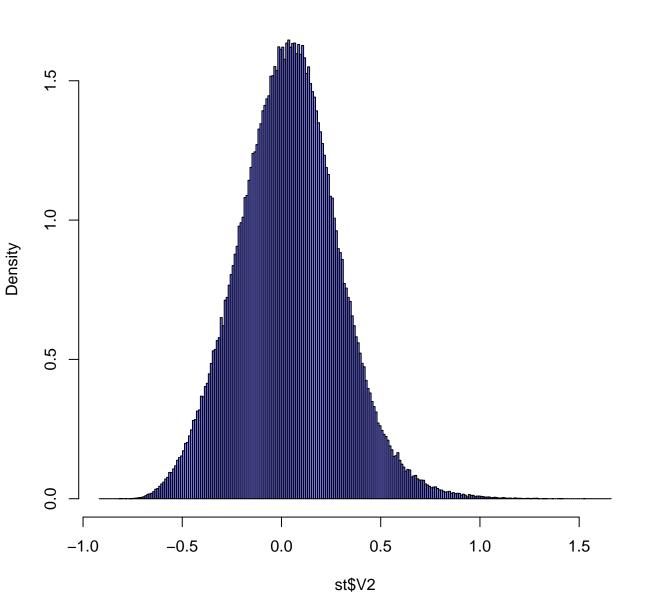
R<LEU>A<CD2>



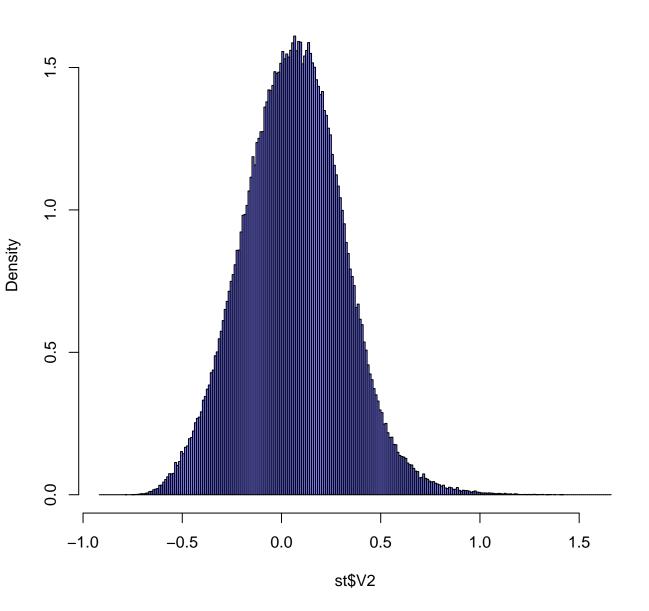
R<LEU>A<CG>



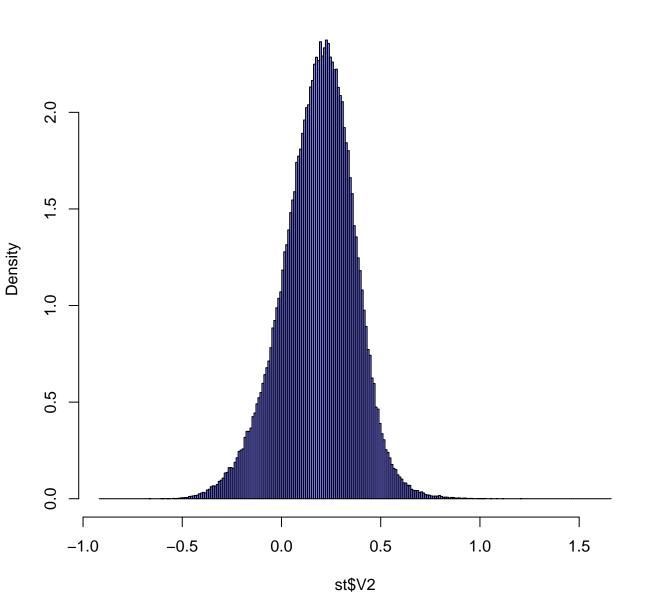
R<LEU>A<N>



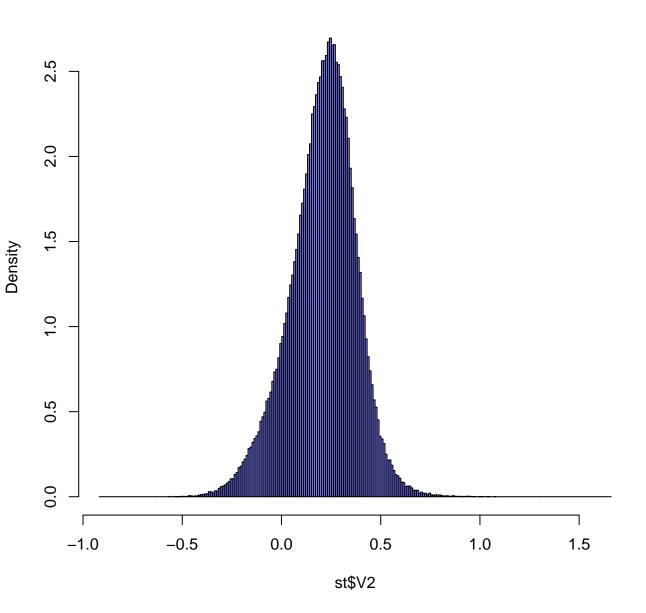




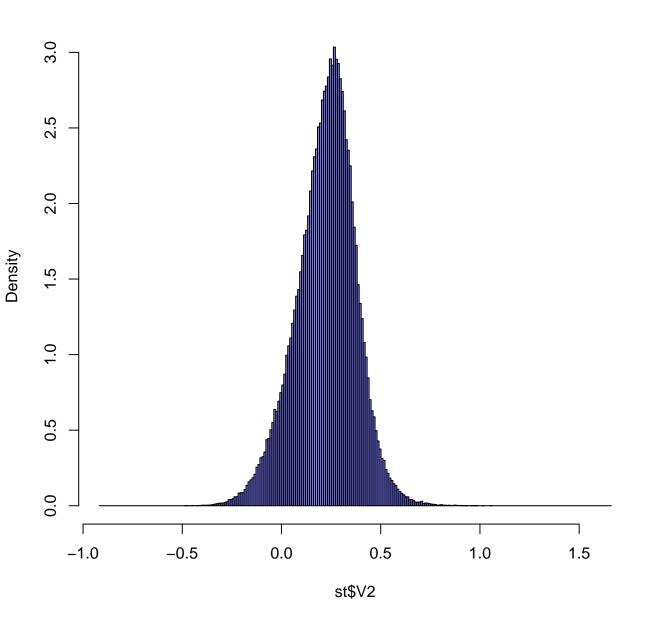




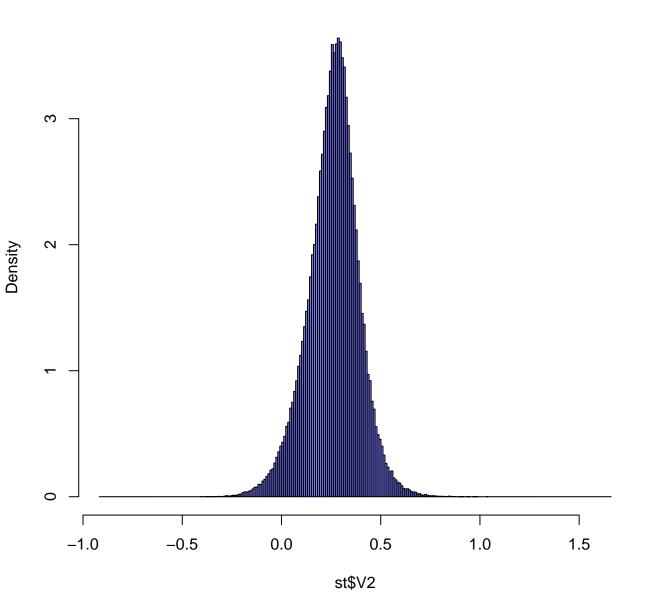


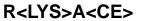


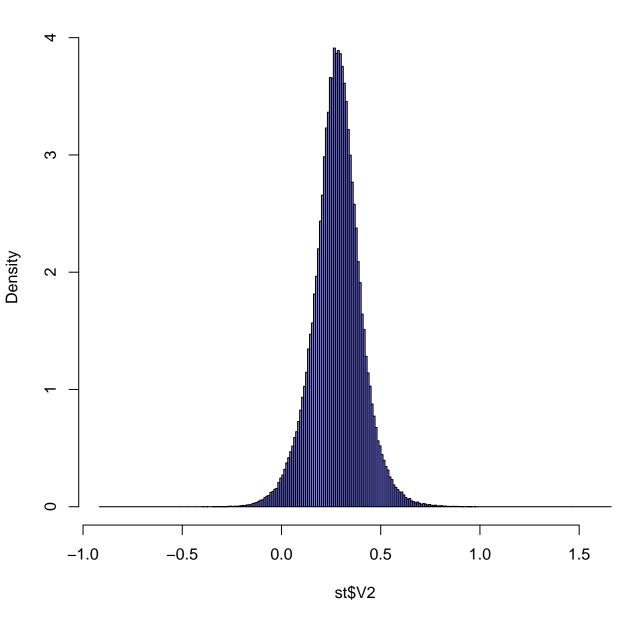




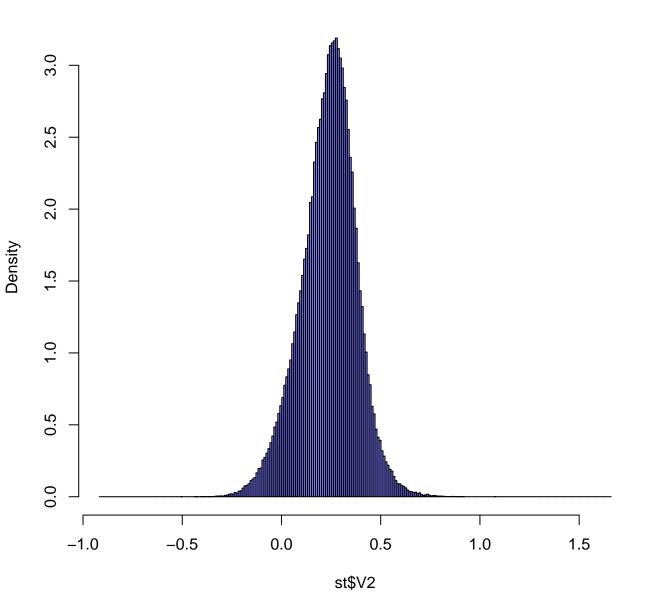




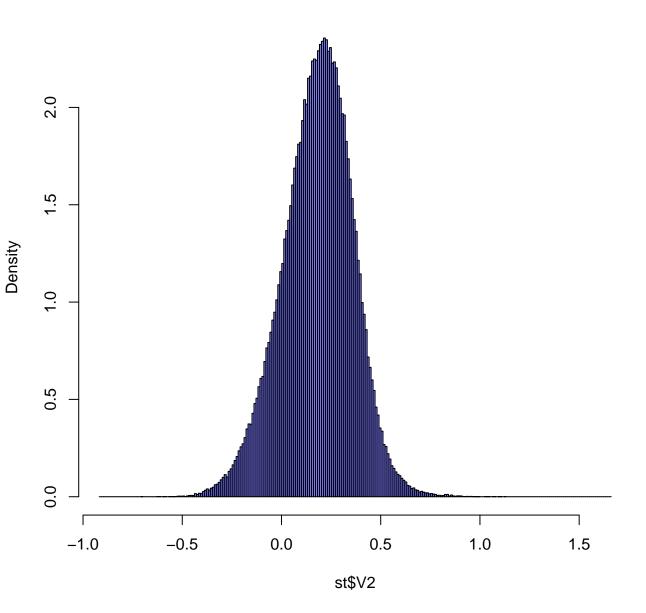




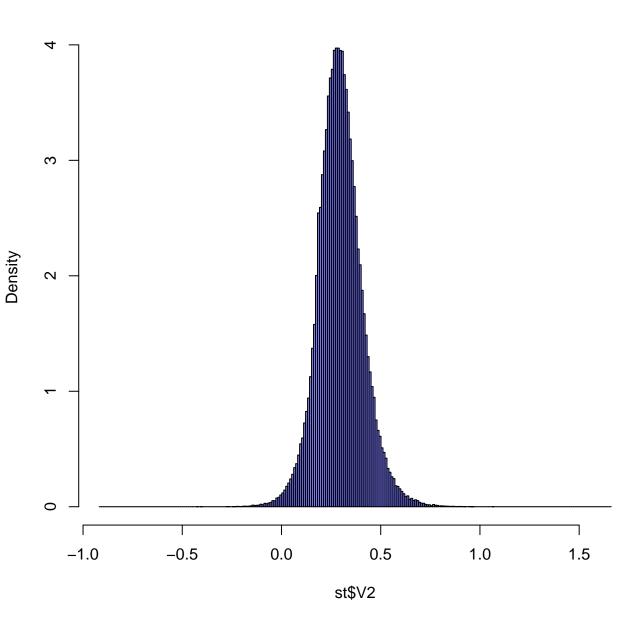




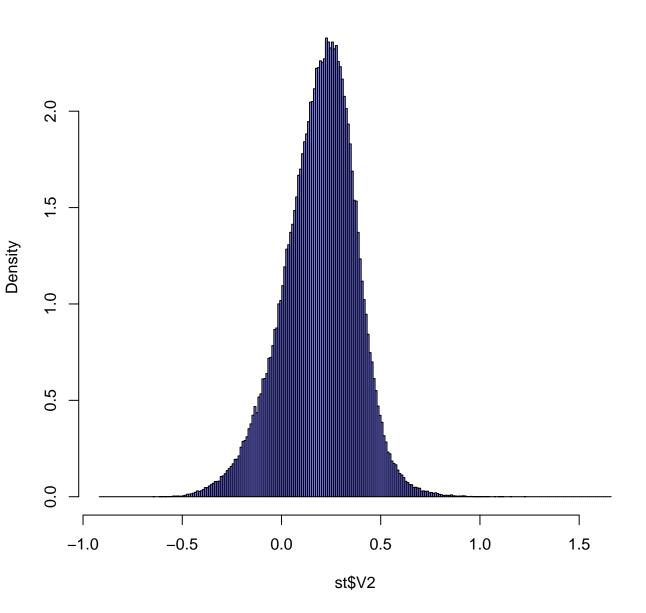




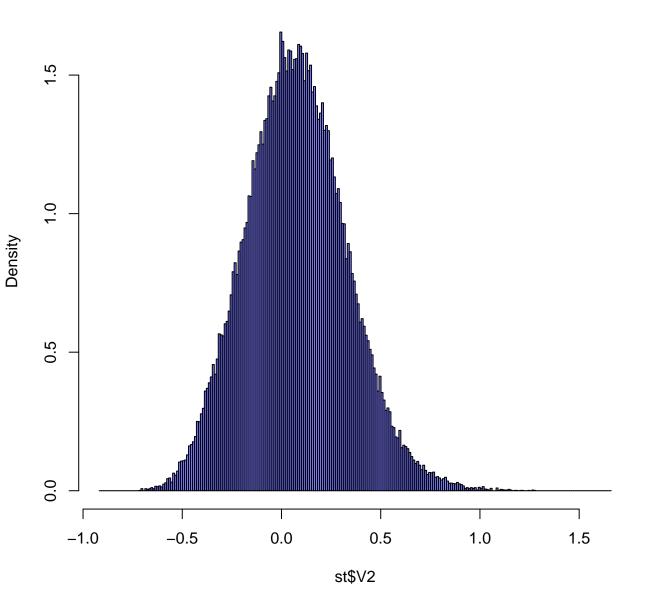




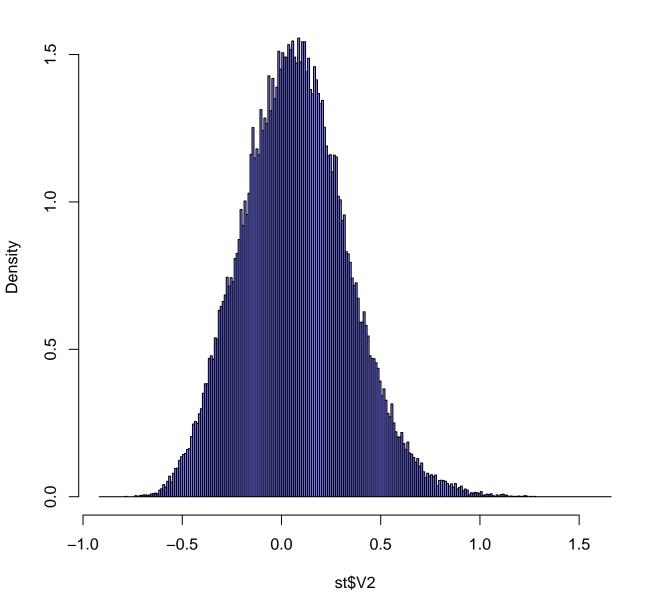




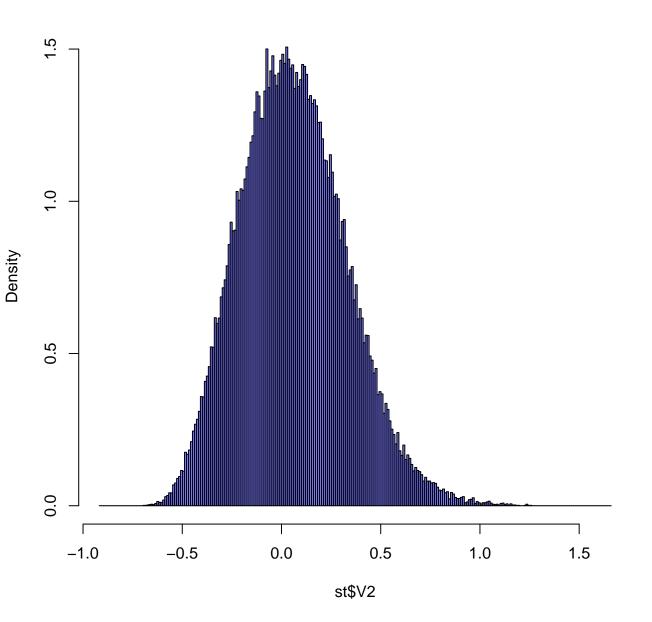
R<MET>A<C>



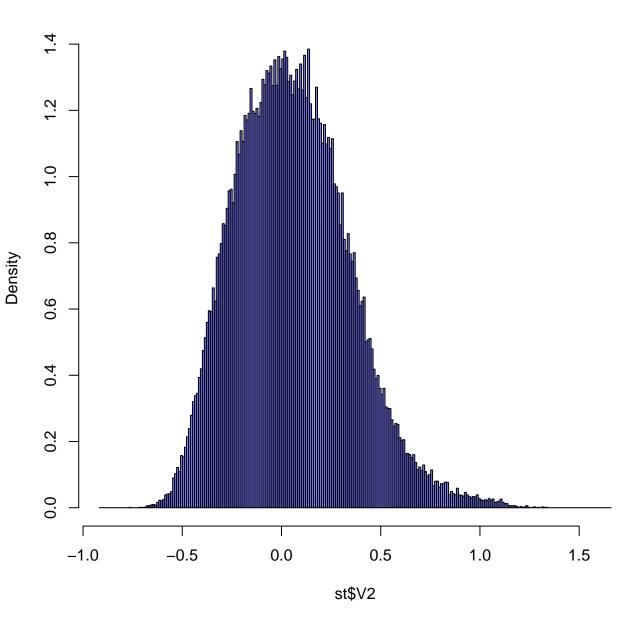
R<MET>A<CA>



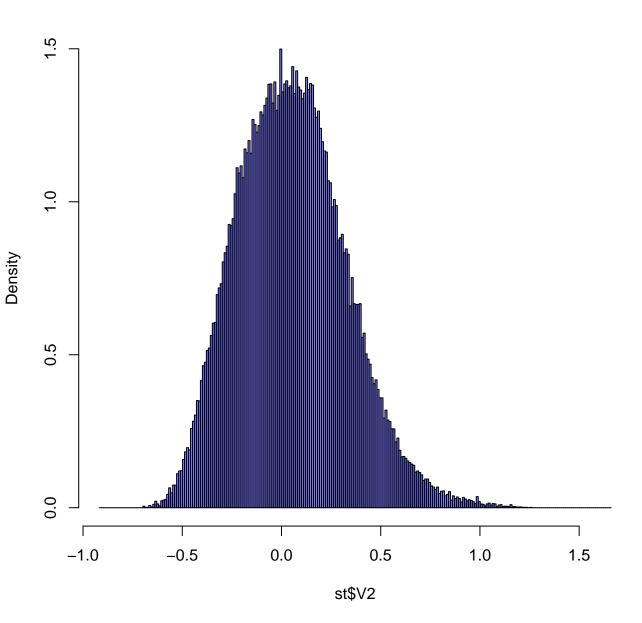
R<MET>A<CB>



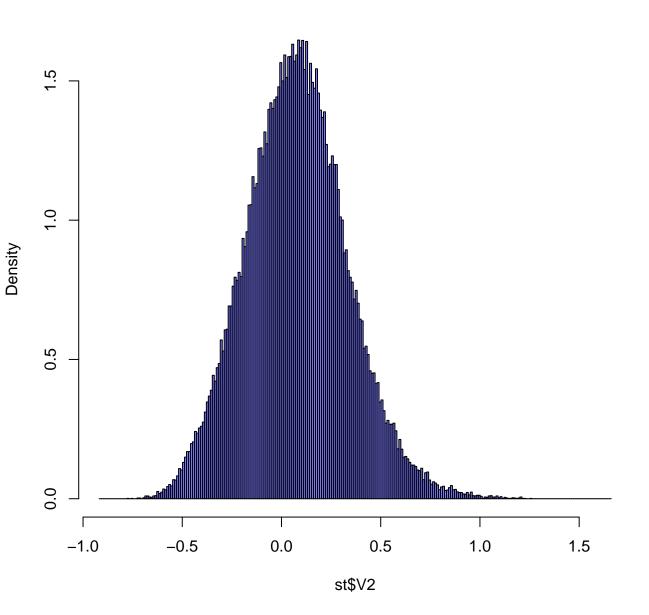
R<MET>A<CE>



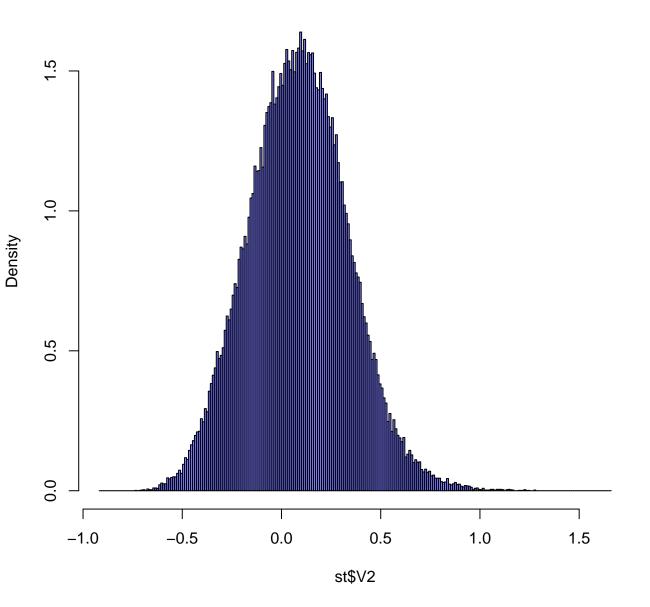
R<MET>A<CG>



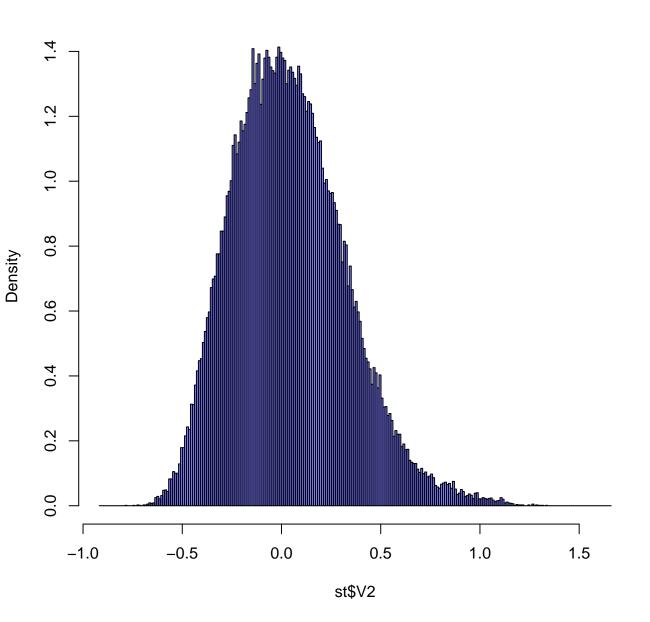
R<MET>A<N>



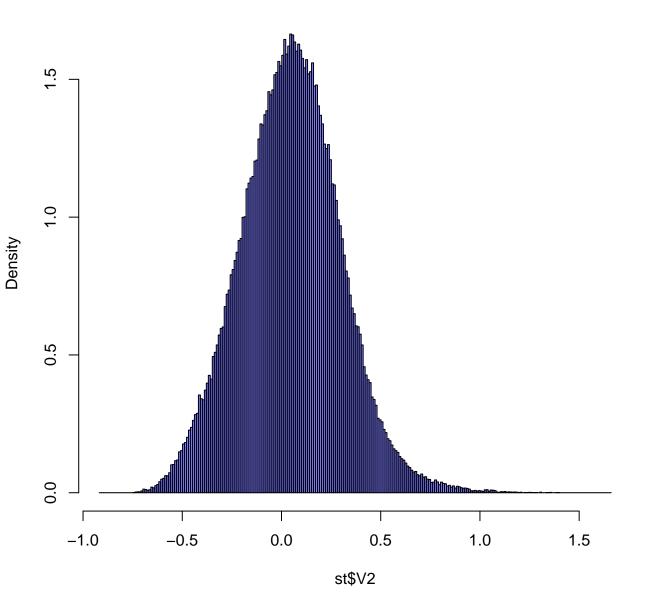
R<MET>A<O>



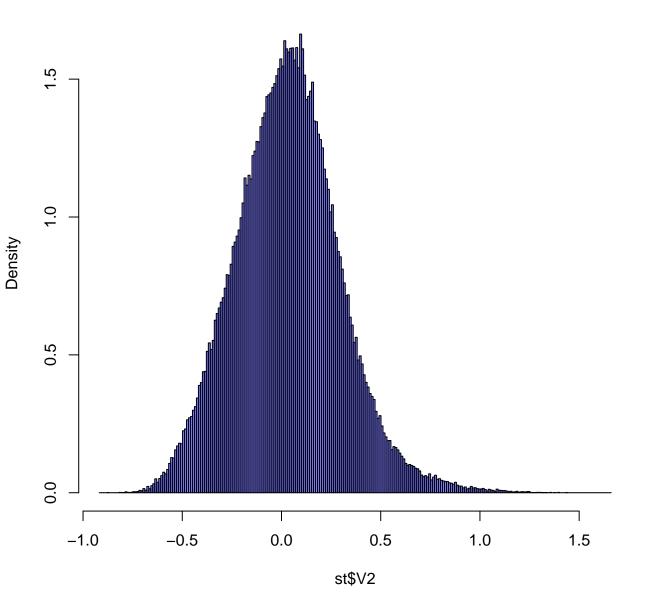
R<MET>A<SD>



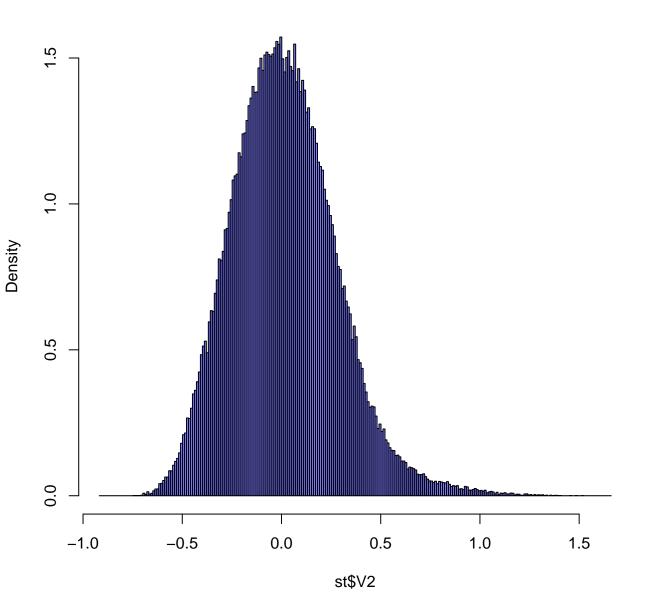
R<PHE>A<C>



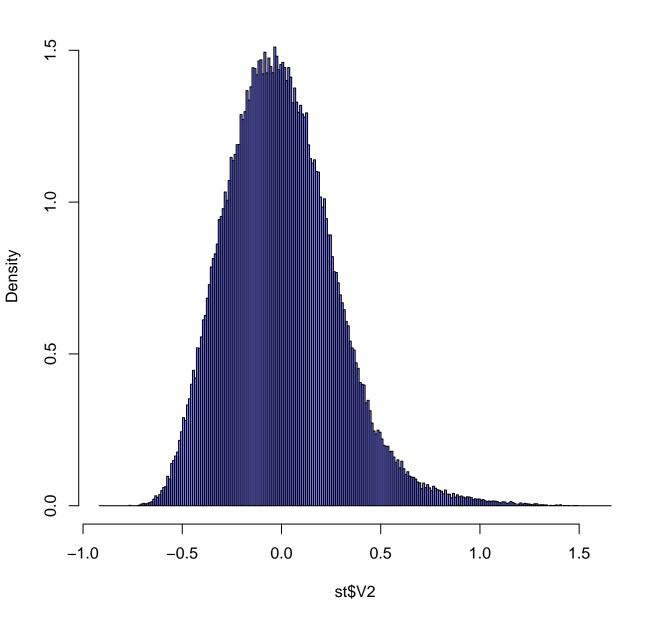
R<PHE>A<CA>



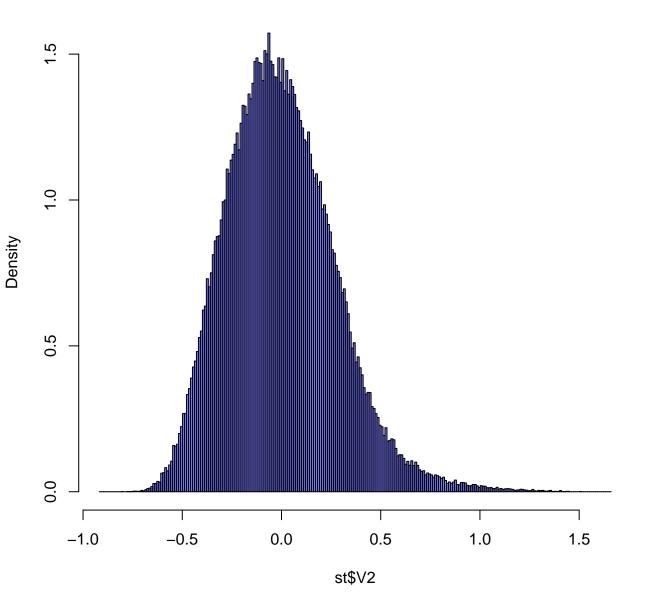
R<PHE>A<CB>



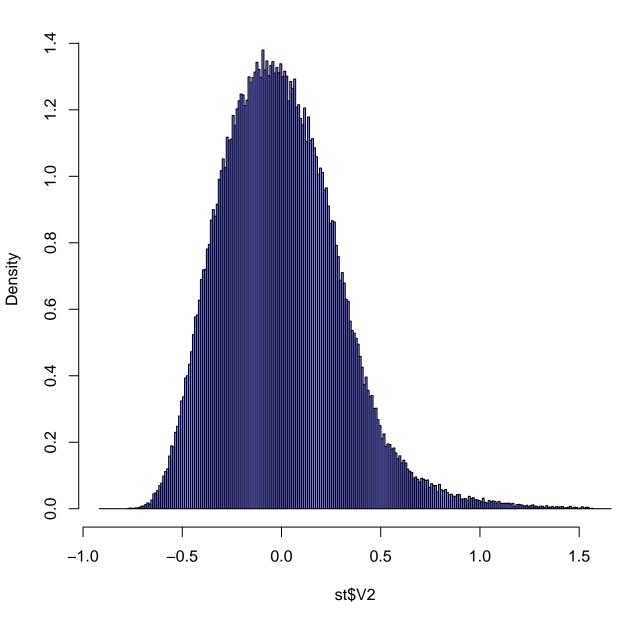
R<PHE>A<CD1>



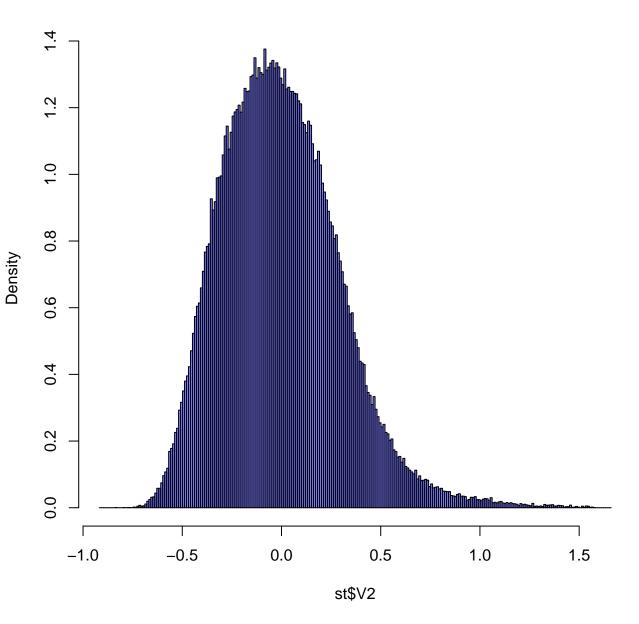
R<PHE>A<CD2>



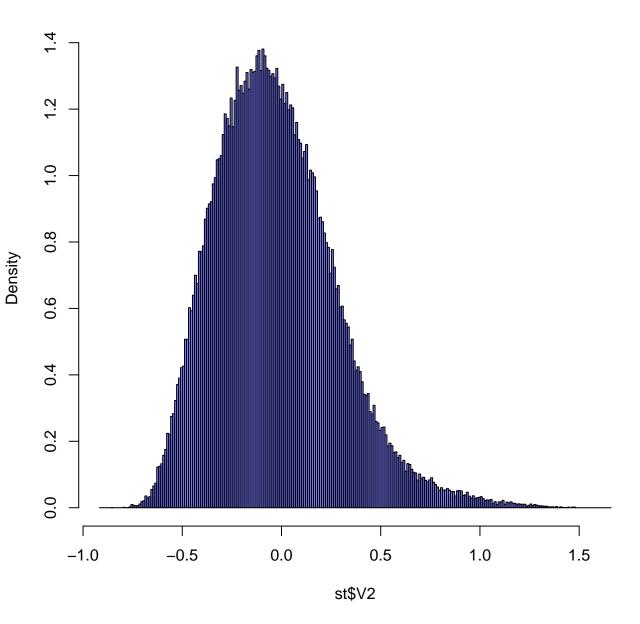
R<PHE>A<CE1>



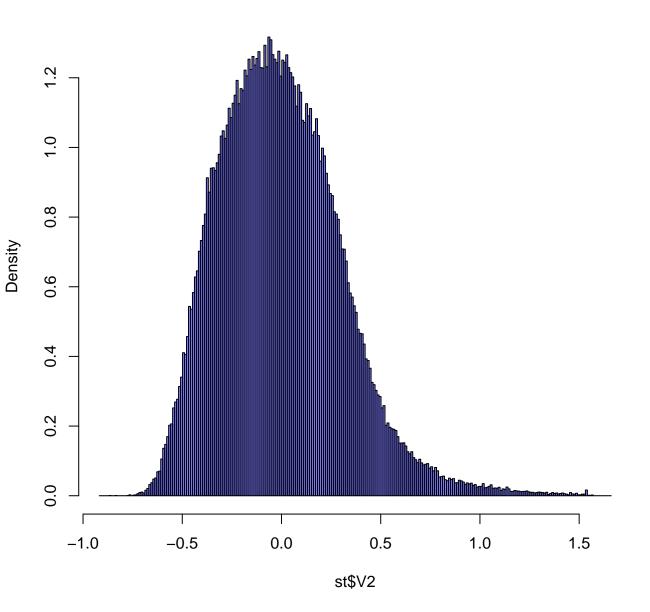
R<PHE>A<CE2>



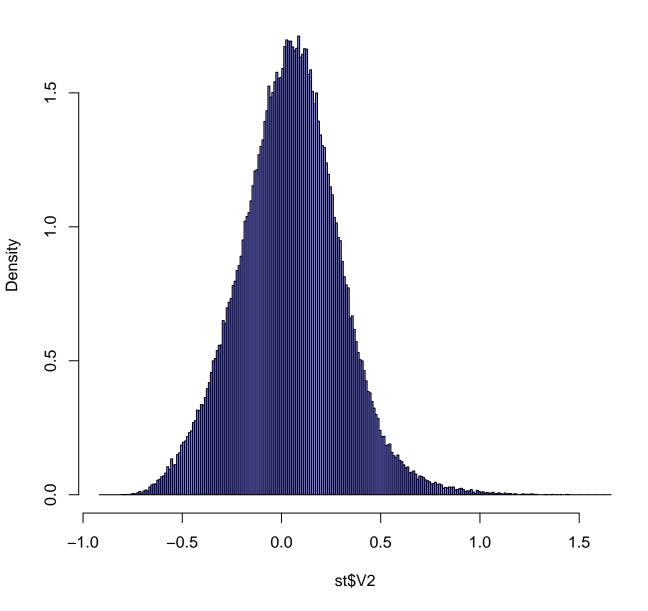
R<PHE>A<CG>



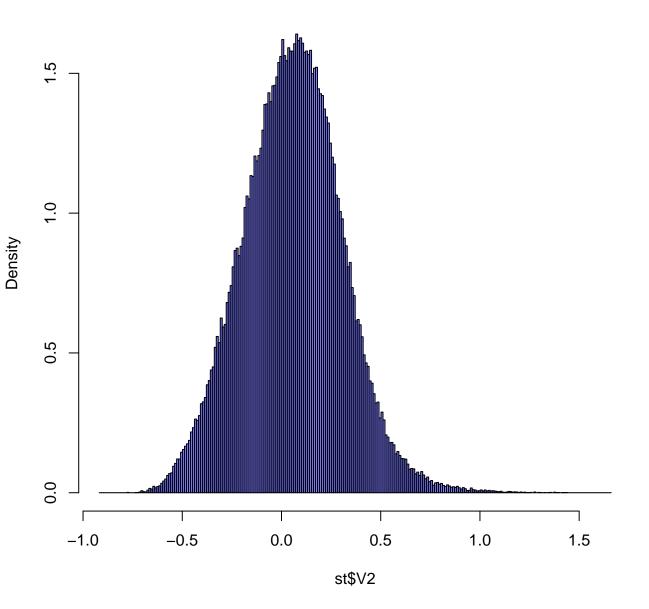
R<PHE>A<CZ>



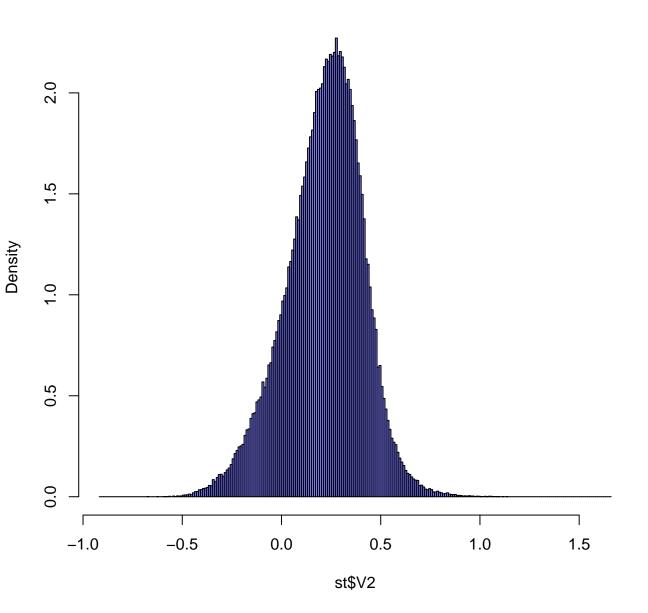
R<PHE>A<N>



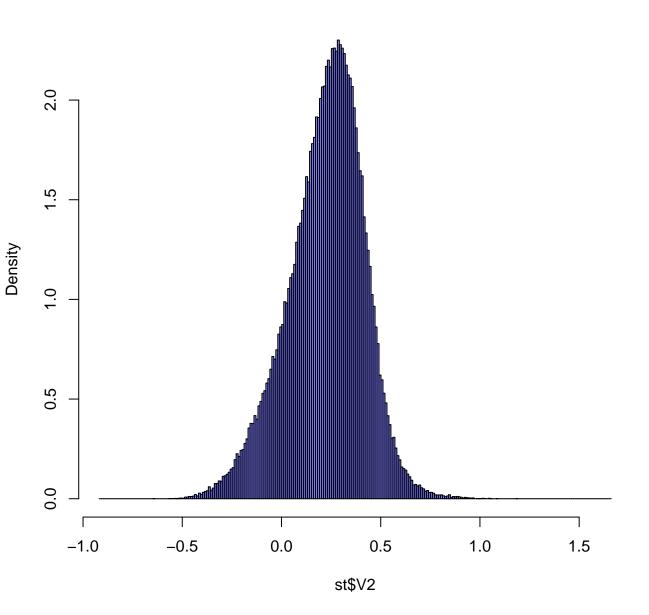
R<PHE>A<O>



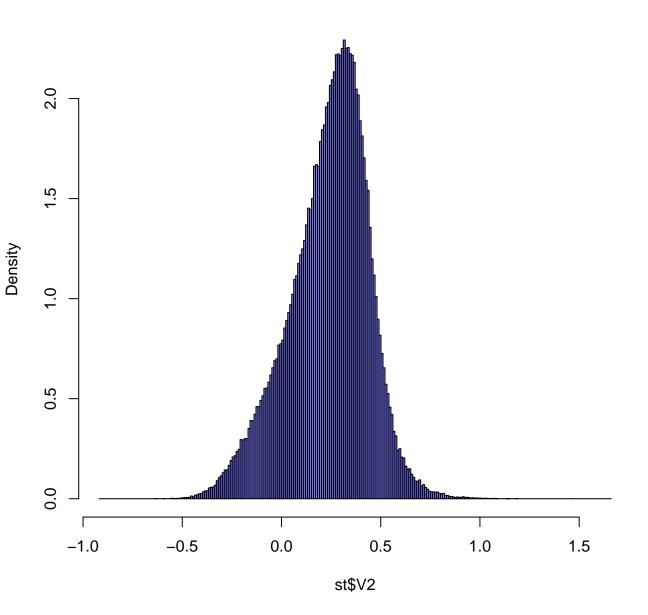
R<PRO>A<C>



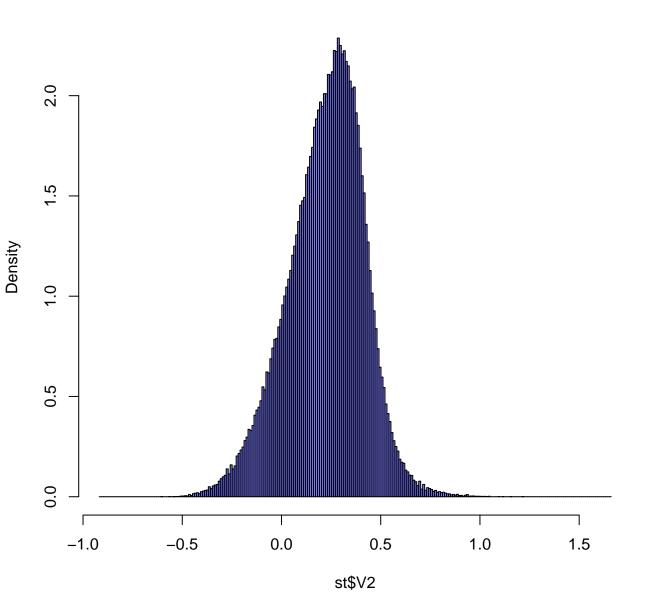
R<PRO>A<CA>

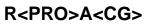


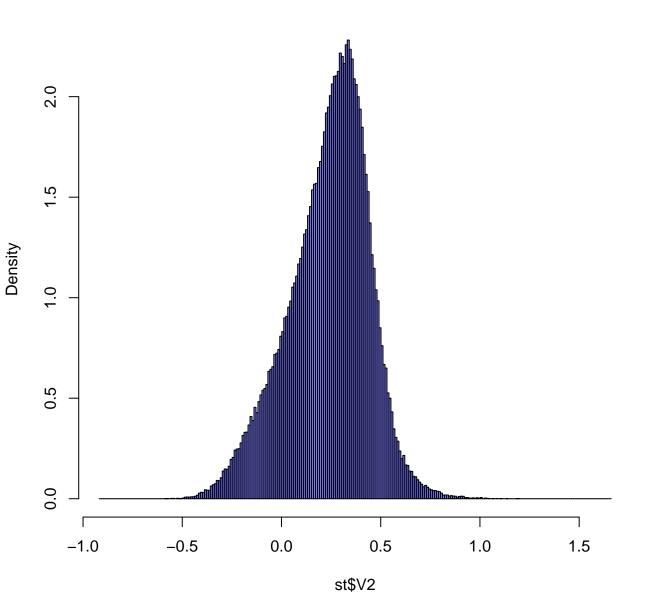




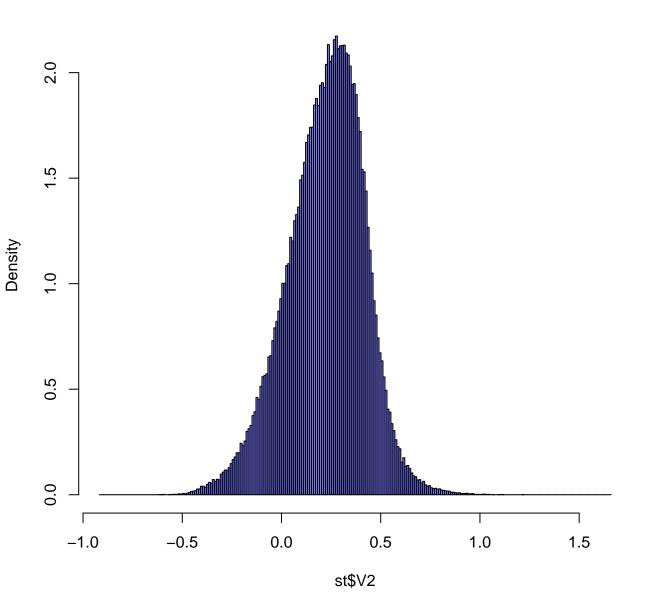
R<PRO>A<CD>

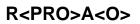


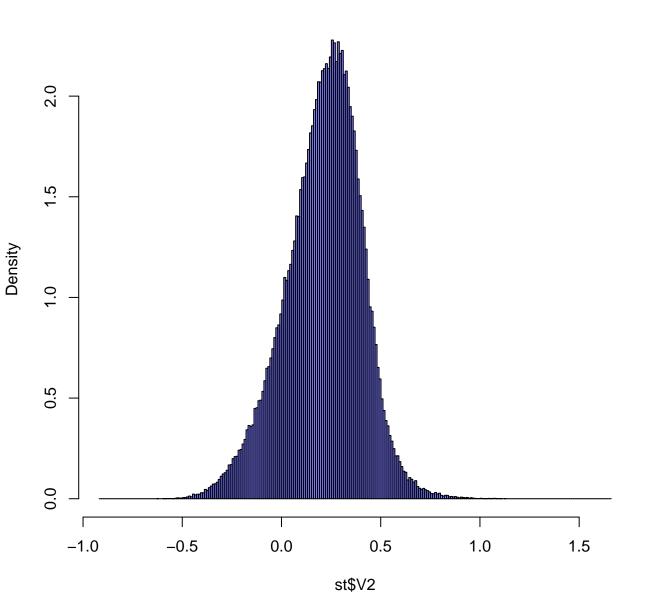




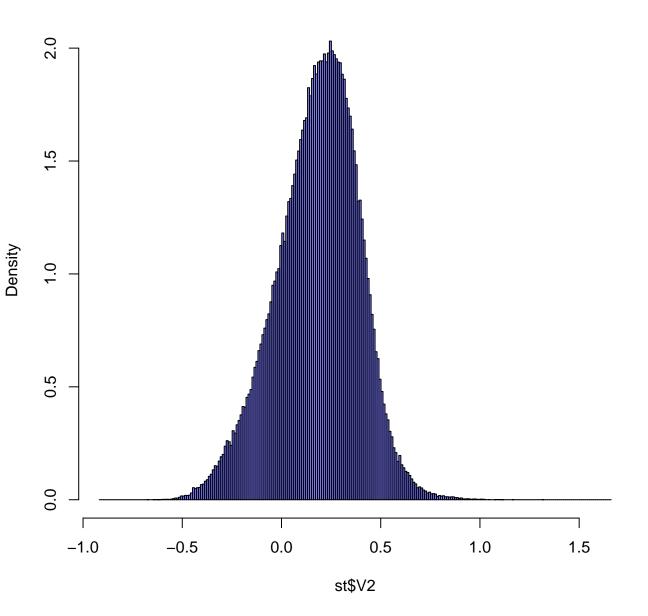




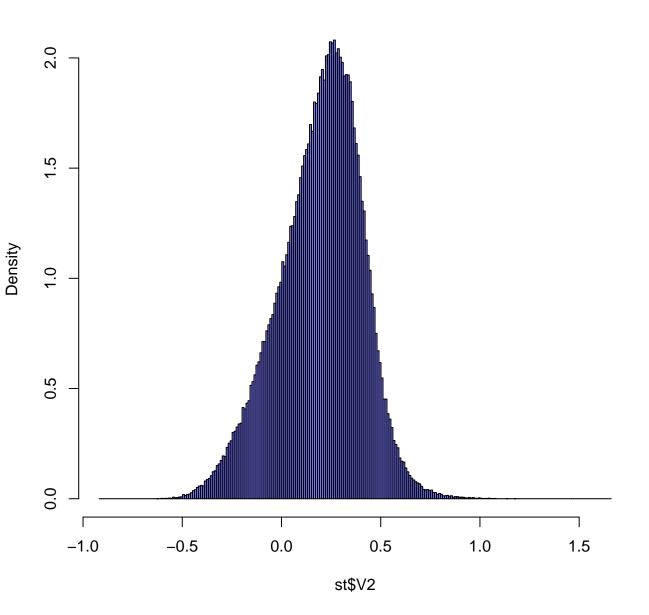




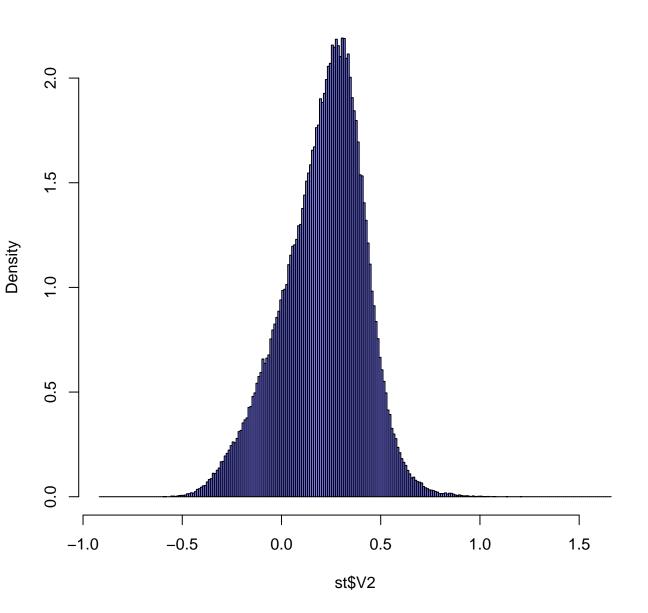




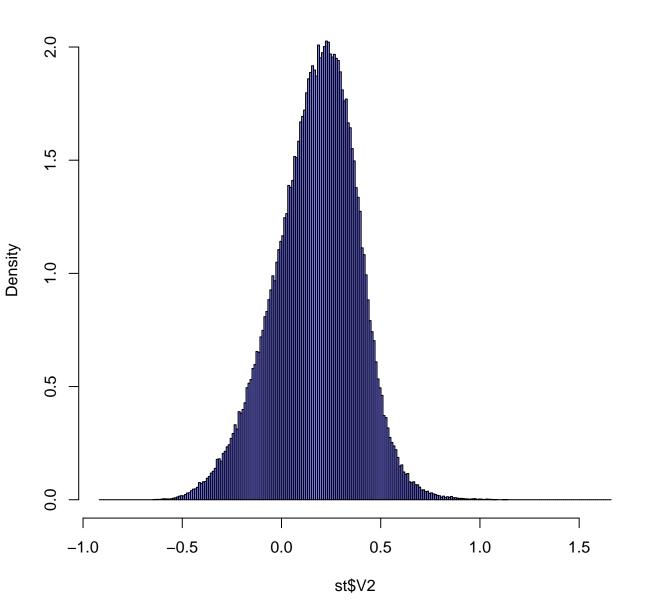
R<SER>A<CA>



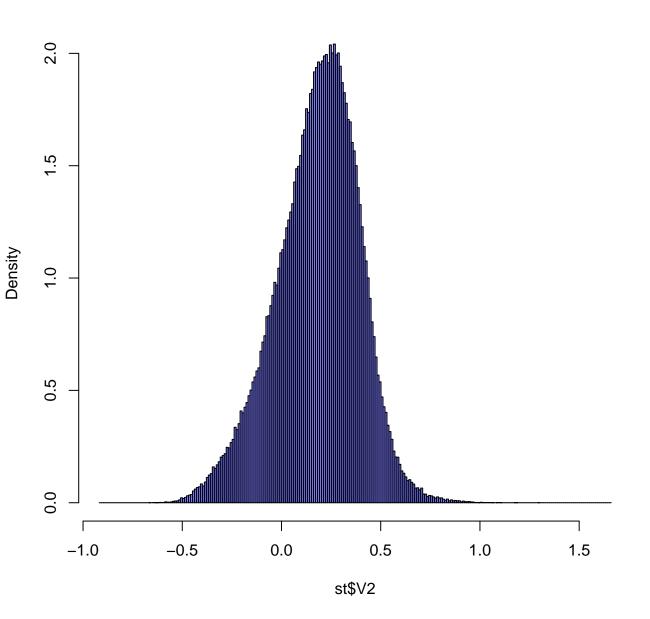
R<SER>A<CB>



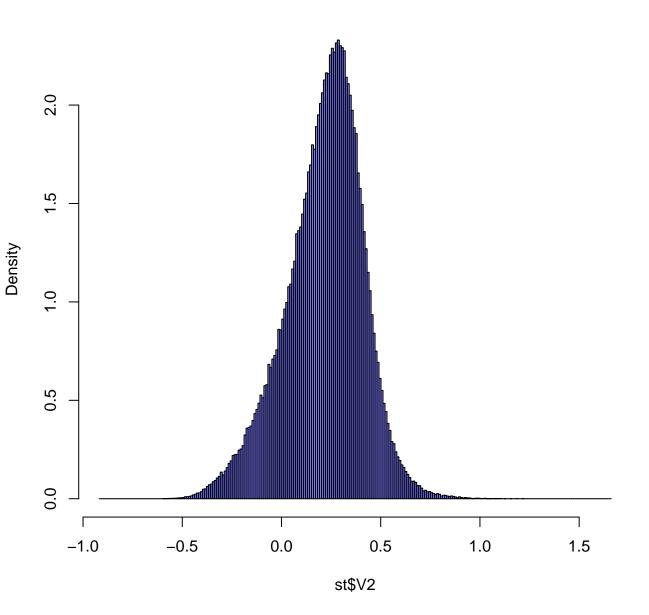




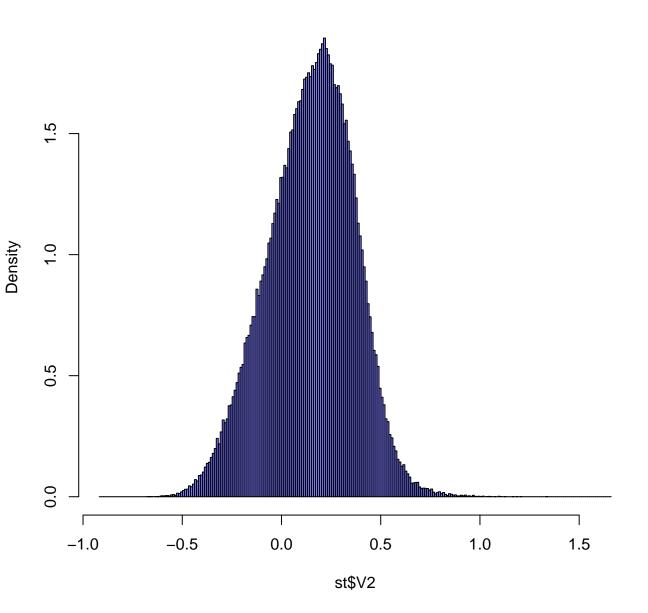




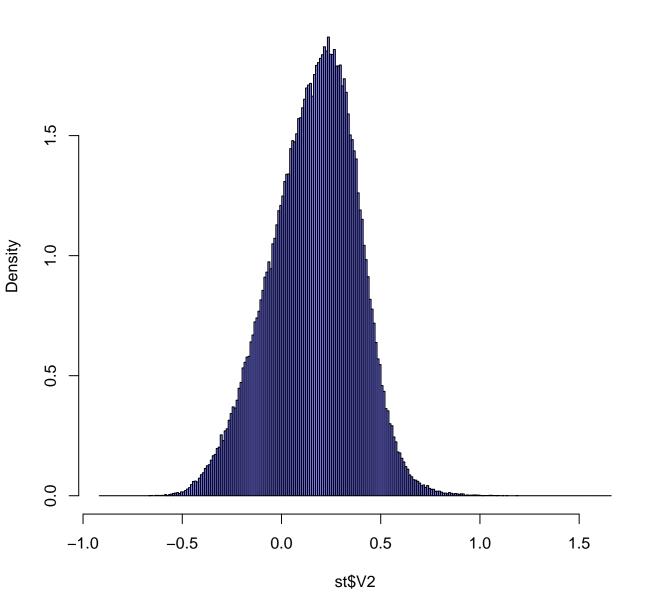
R<SER>A<OG>



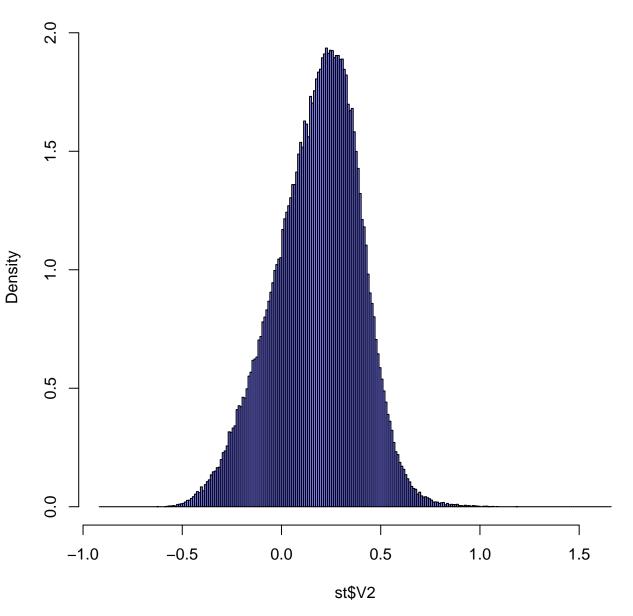




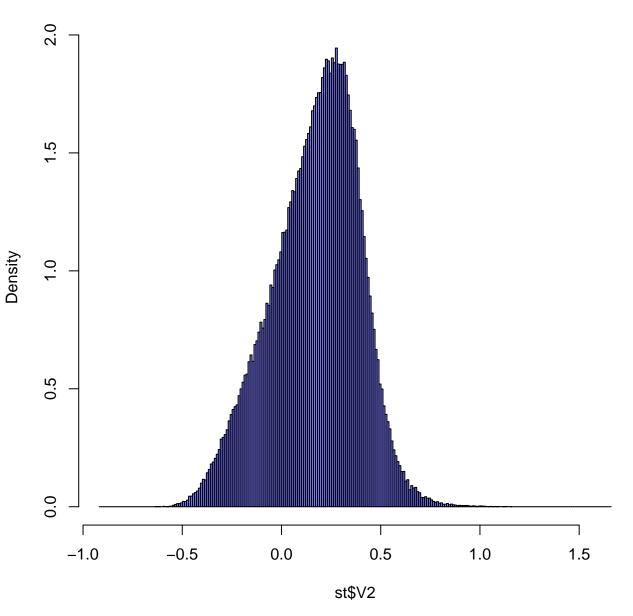
R<THR>A<CA>

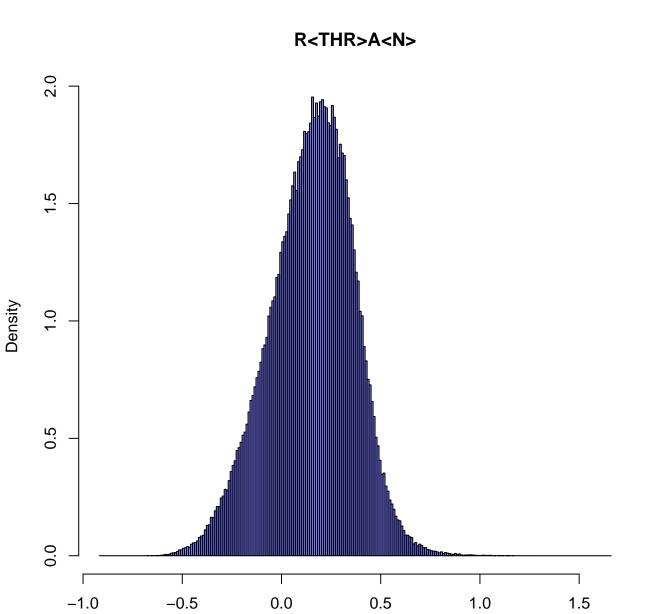






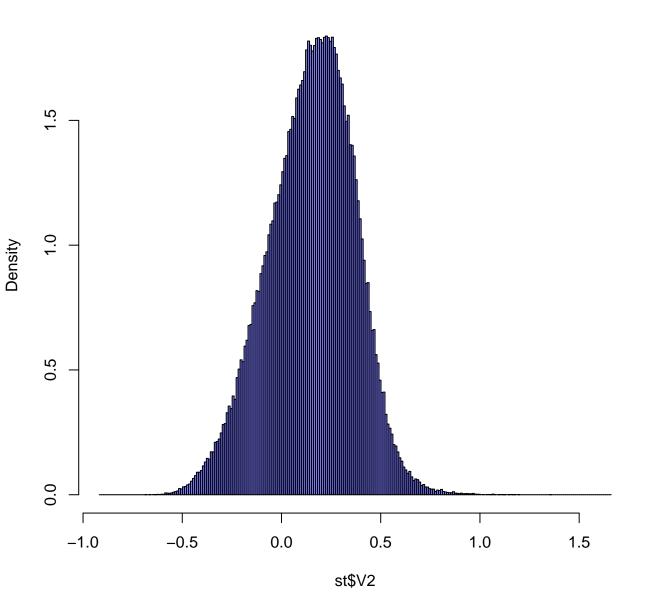




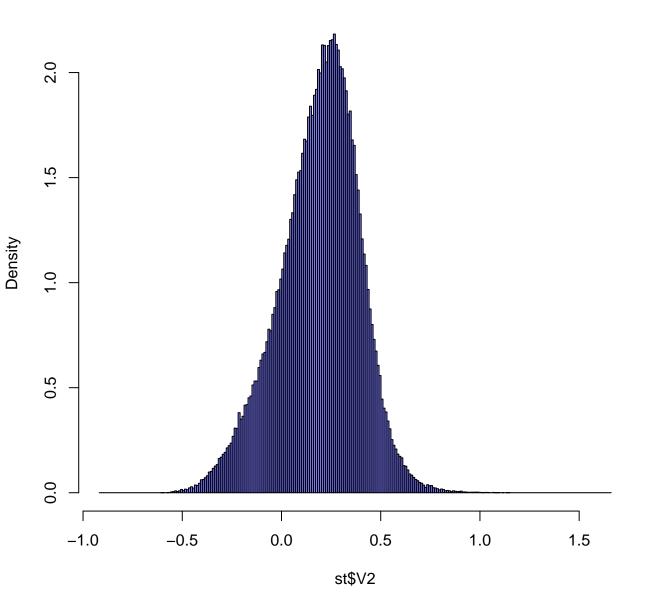


st\$V2

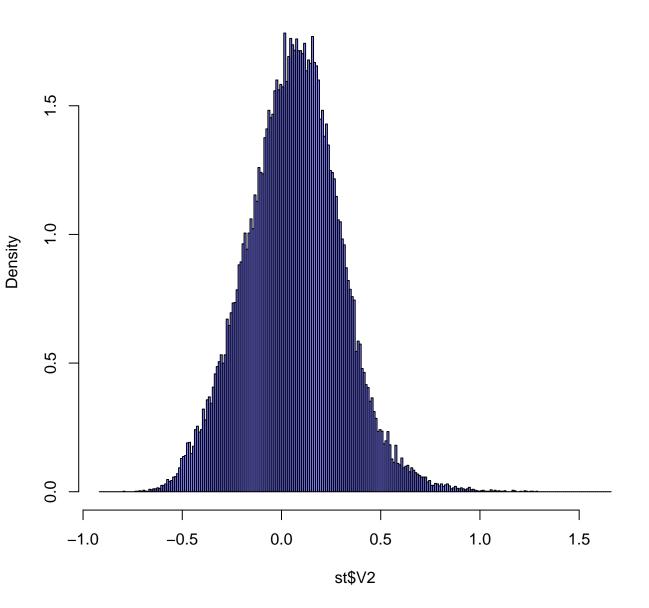




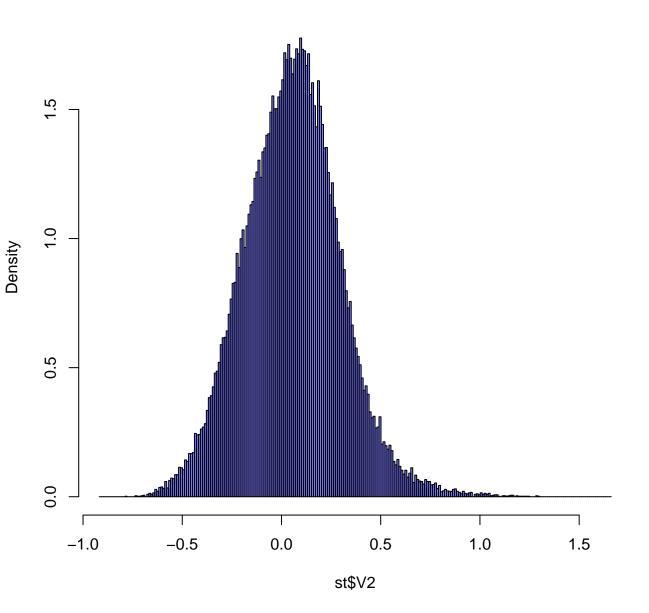
R<THR>A<OG1>



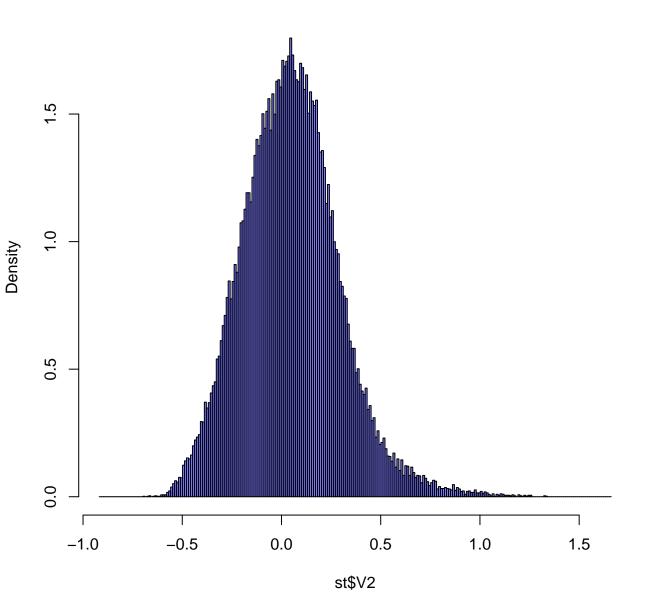
R<TRP>A<C>



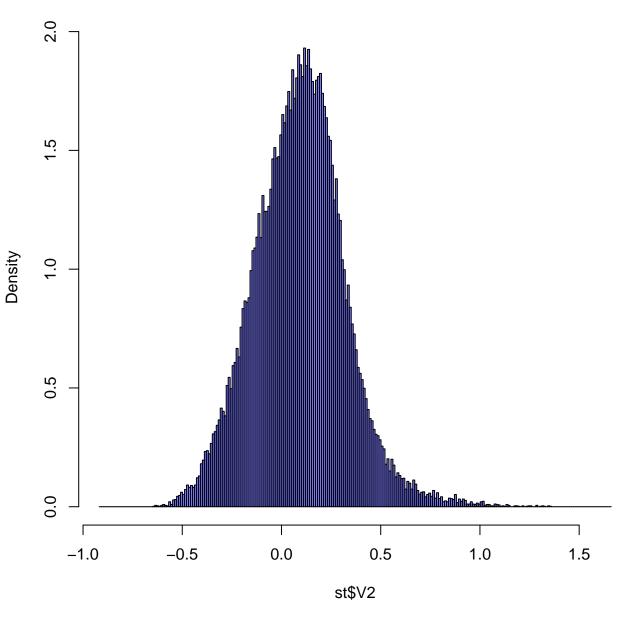
R<TRP>A<CA>



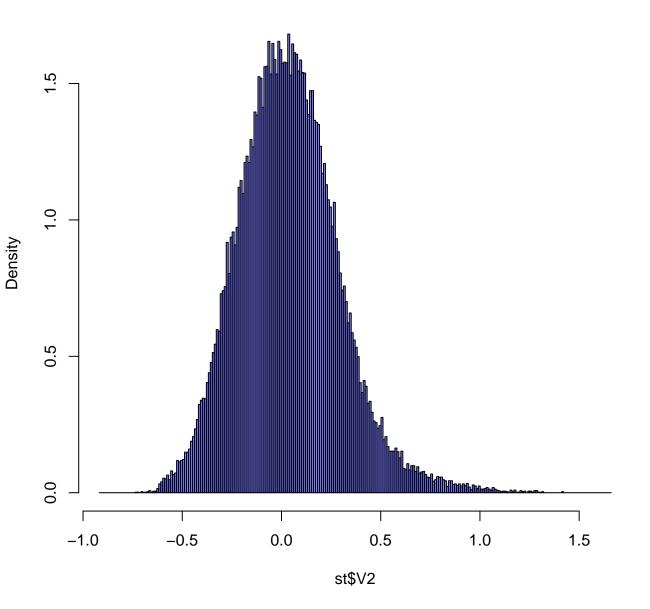
R<TRP>A<CB>



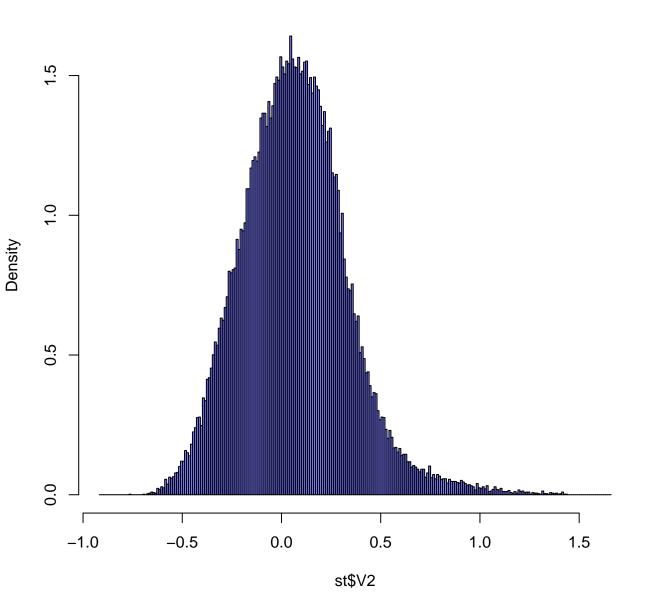




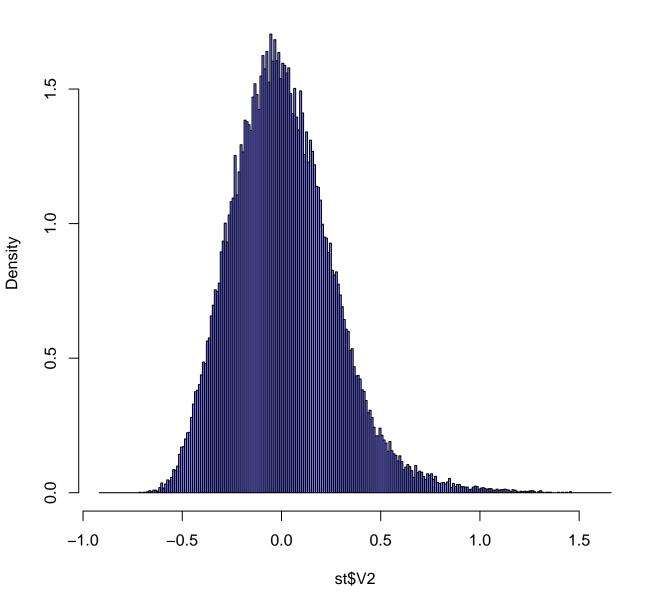
R<TRP>A<CD2>



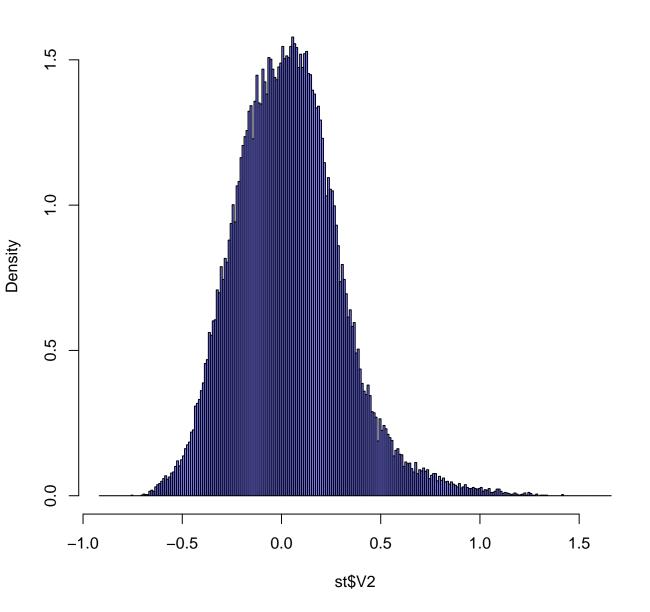
R<TRP>A<CE2>



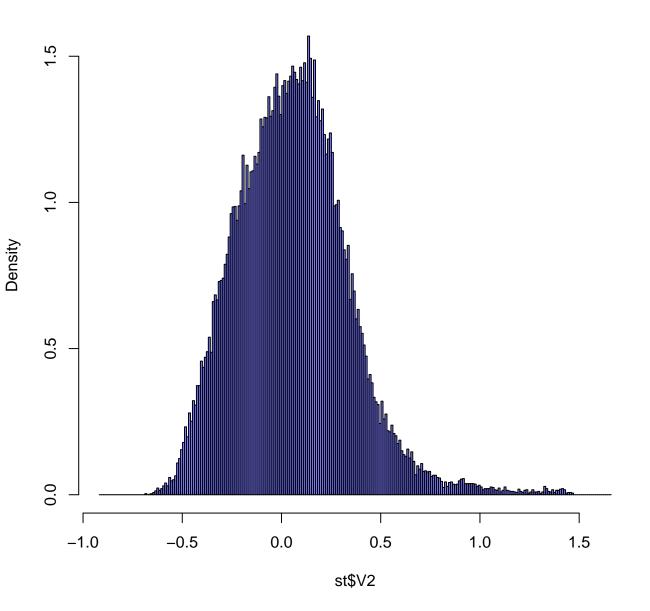
R<TRP>A<CE3>



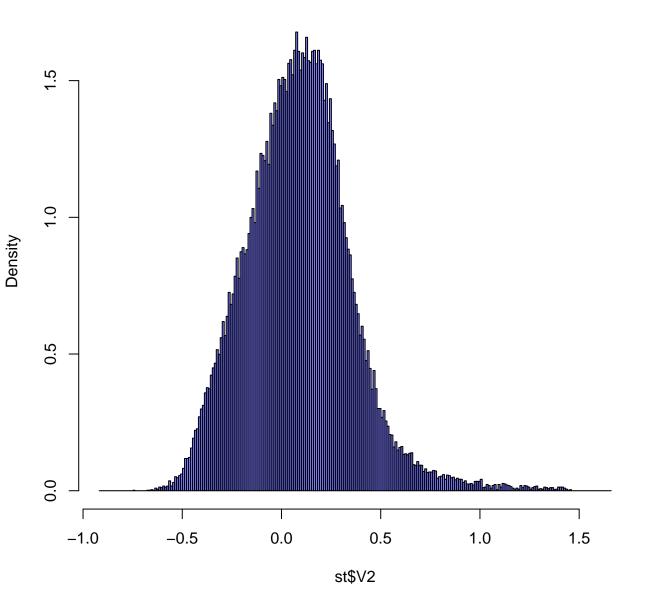
R<TRP>A<CG>



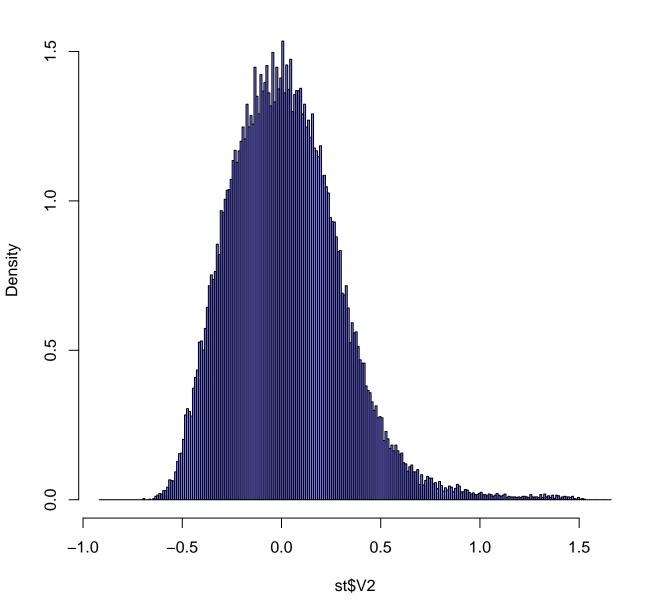
R<TRP>A<CH2>



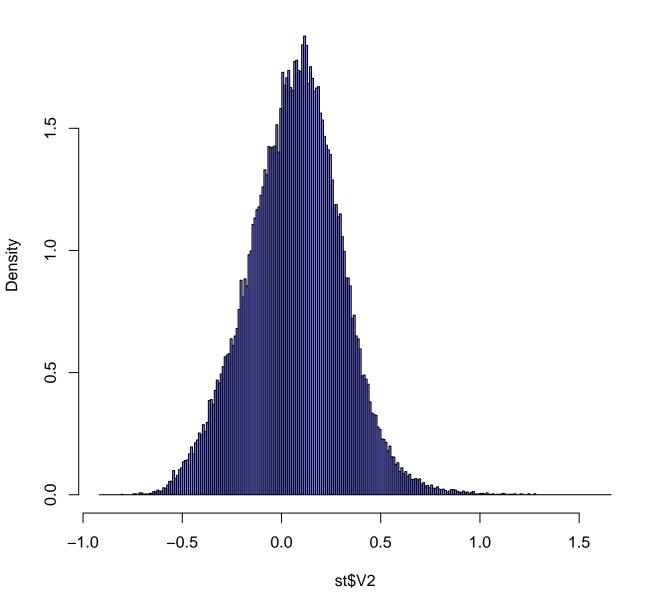
R<TRP>A<CZ2>



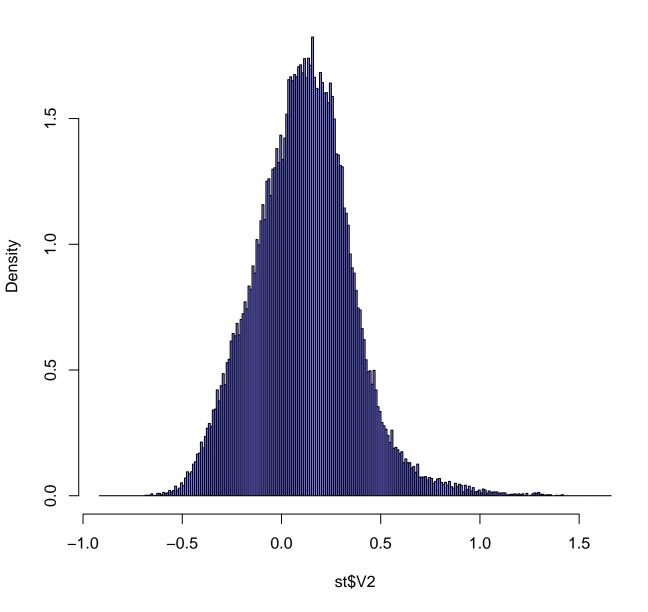
R<TRP>A<CZ3>



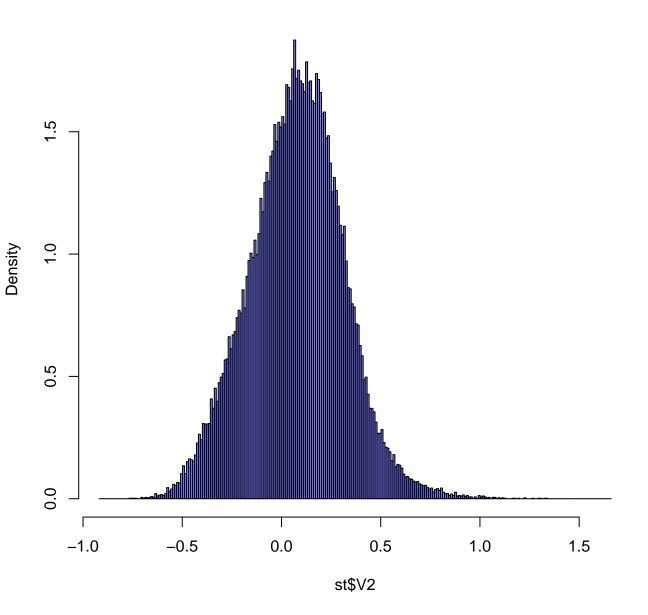




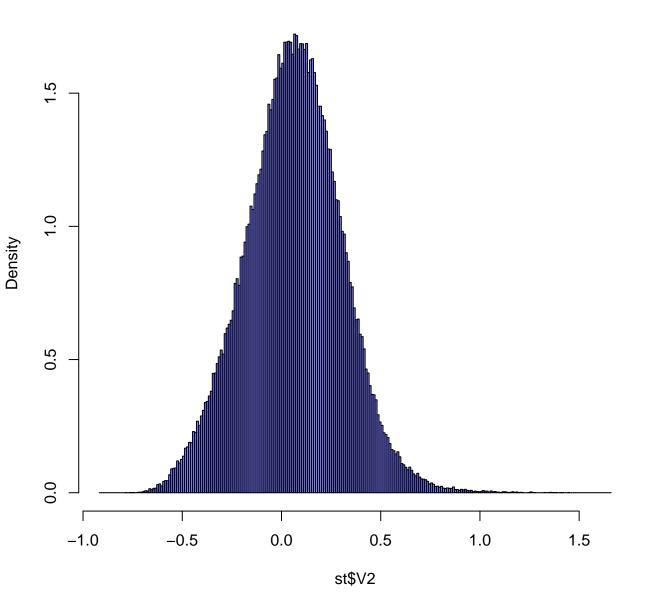
R<TRP>A<NE1>



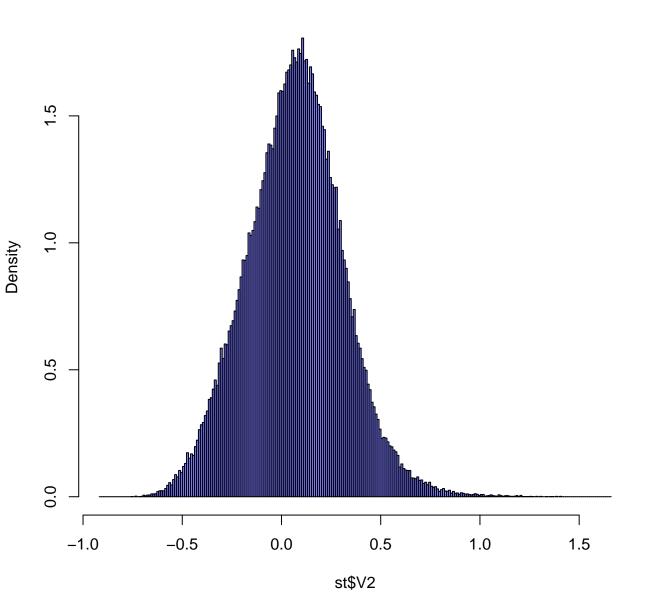




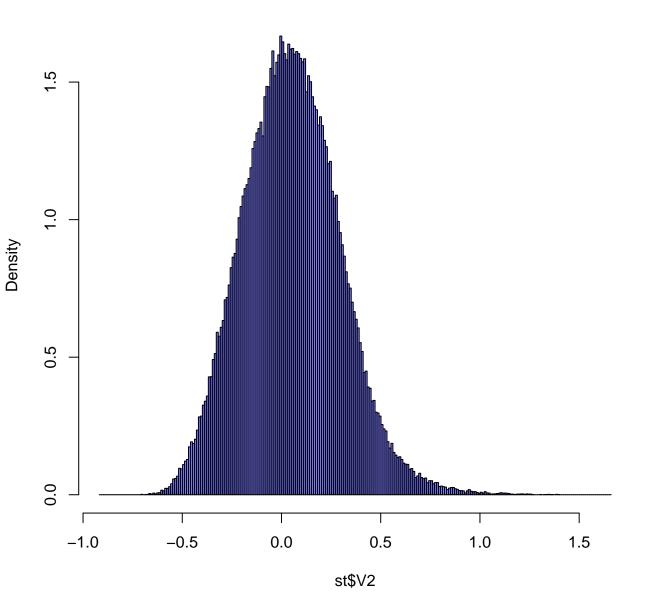




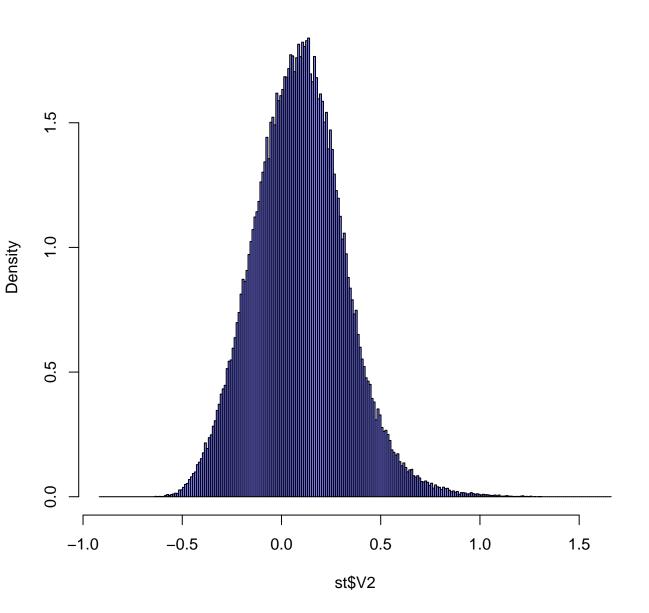
R<TYR>A<CA>



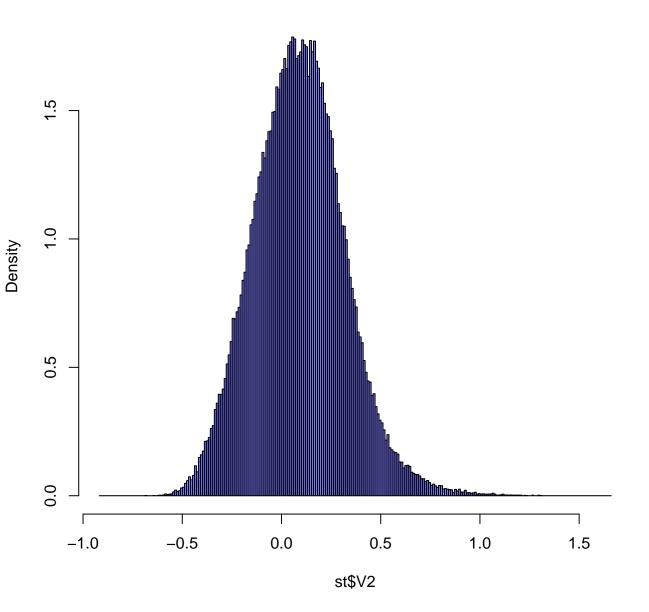
R<TYR>A<CB>



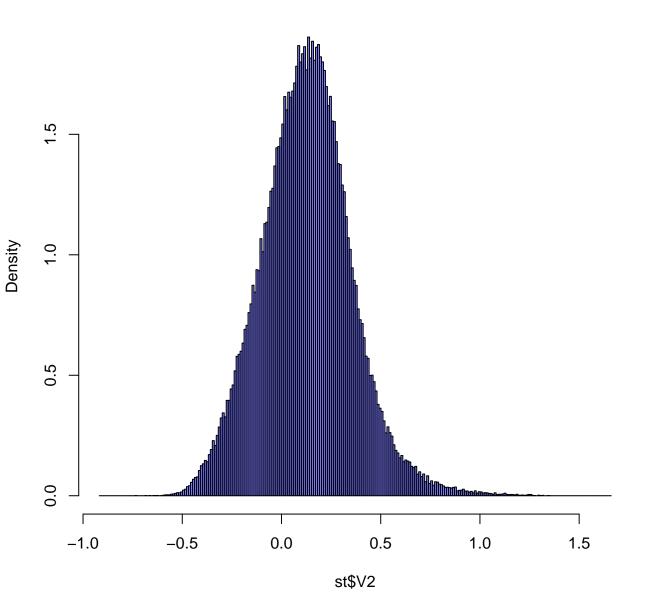
R<TYR>A<CD1>



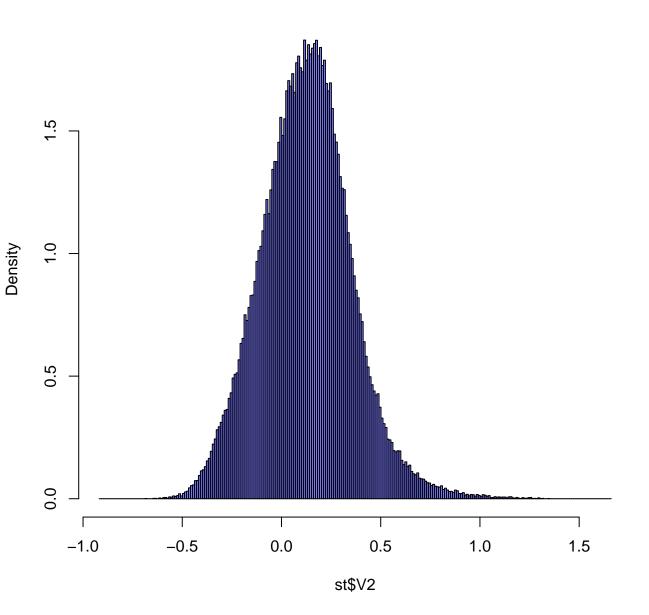
R<TYR>A<CD2>



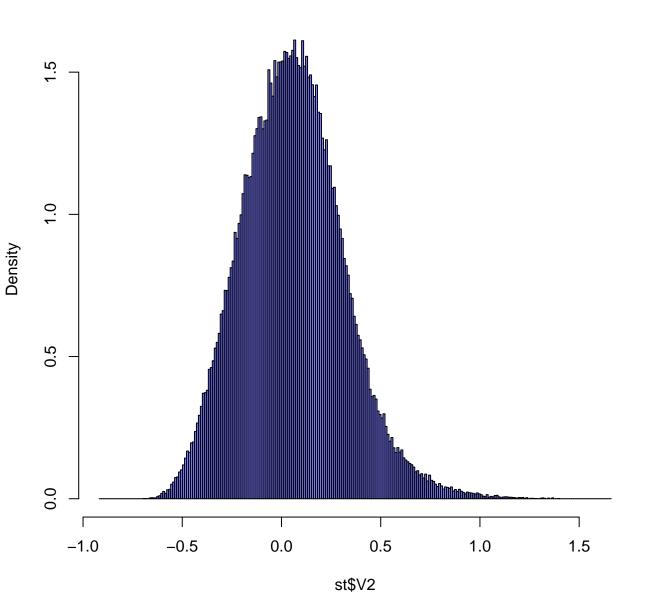
R<TYR>A<CE1>



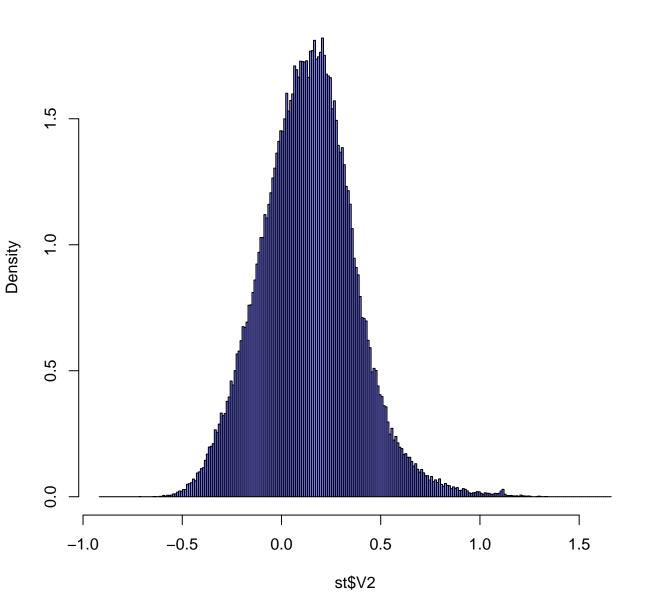
R<TYR>A<CE2>



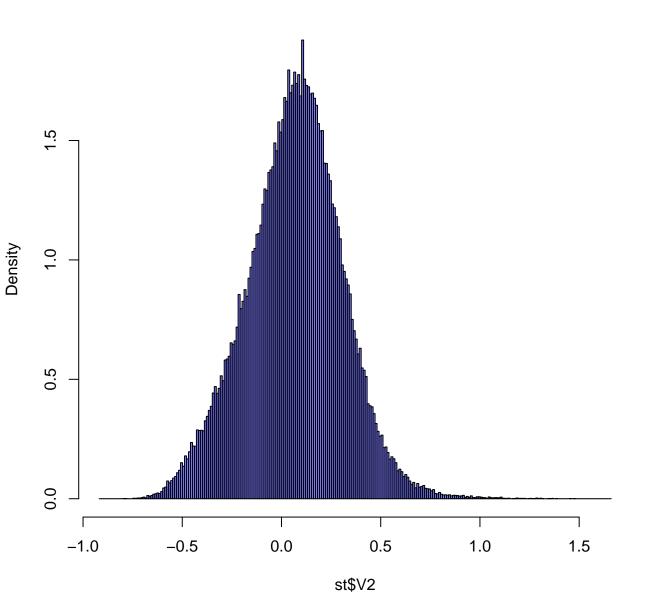
R<TYR>A<CG>



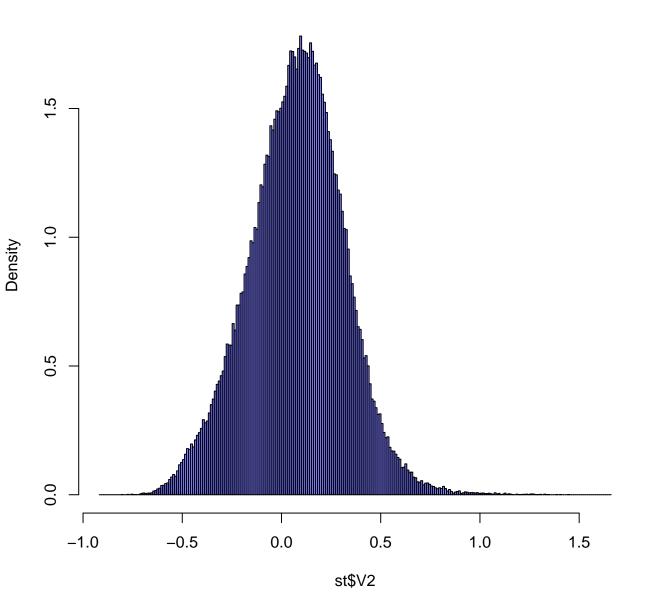
R<TYR>A<CZ>



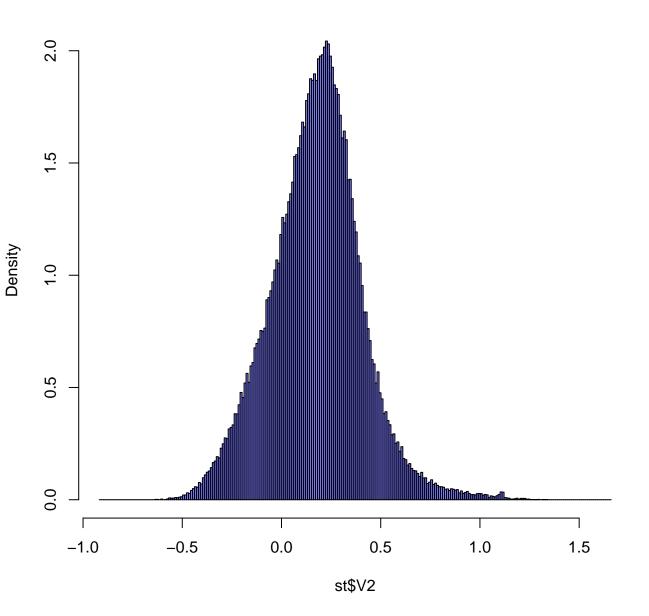




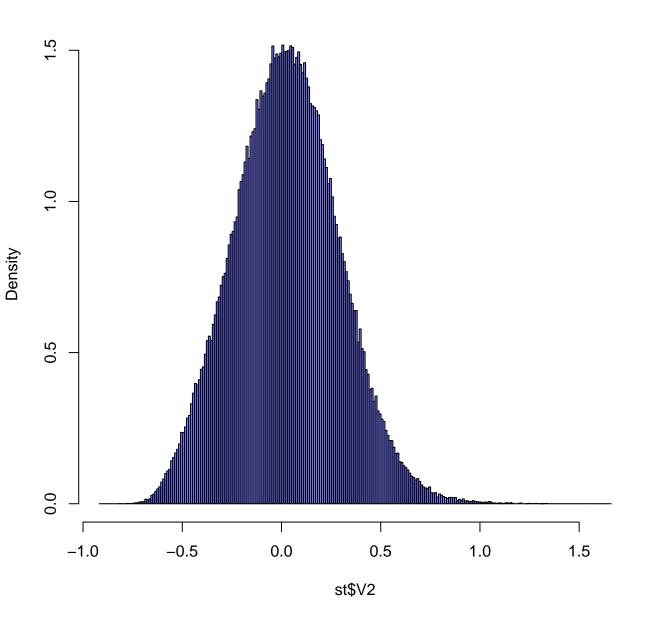




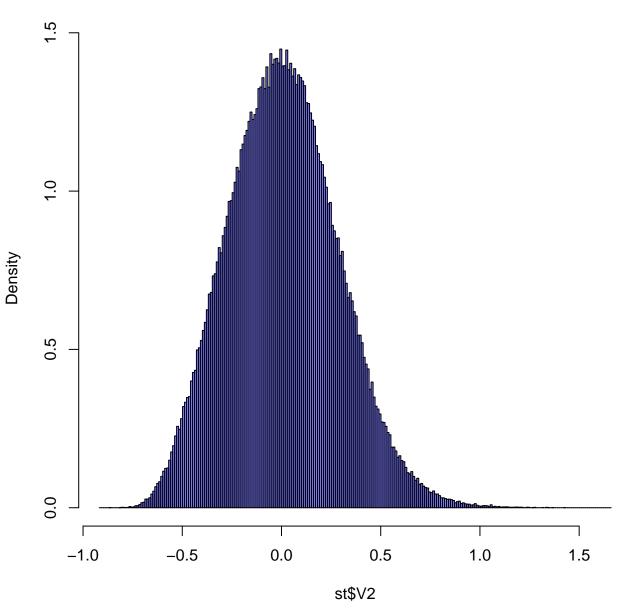
R<TYR>A<OH>



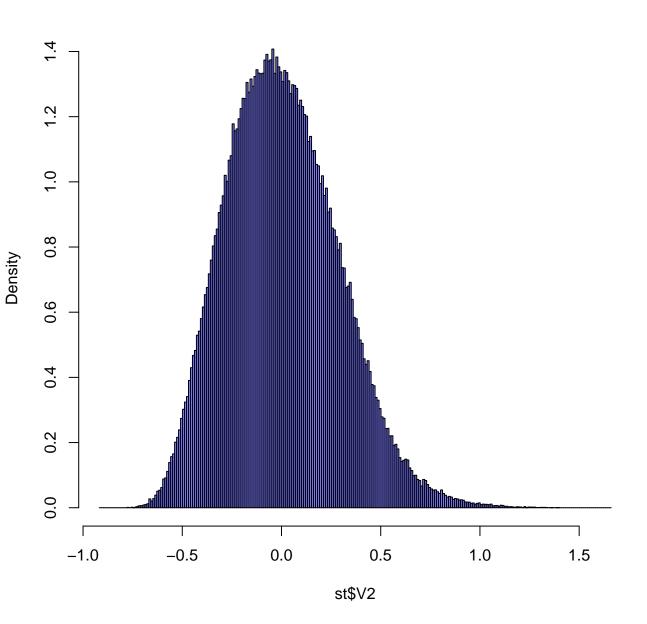
R<VAL>A<C>



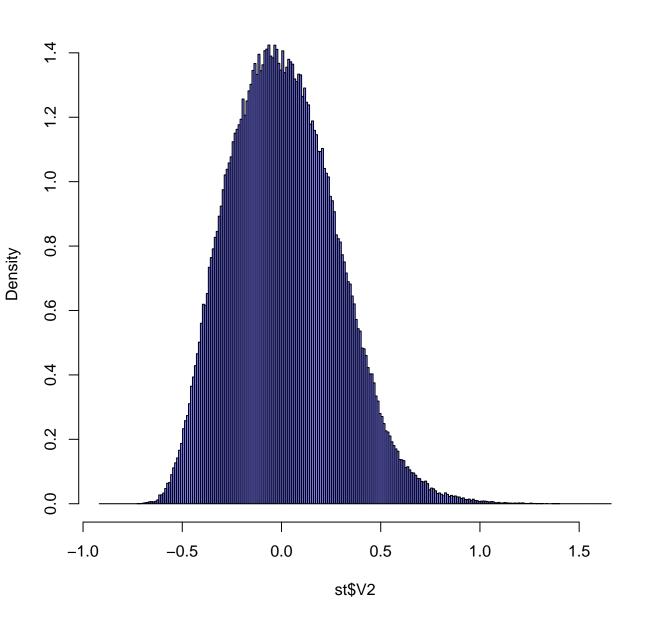
R<VAL>A<CA>



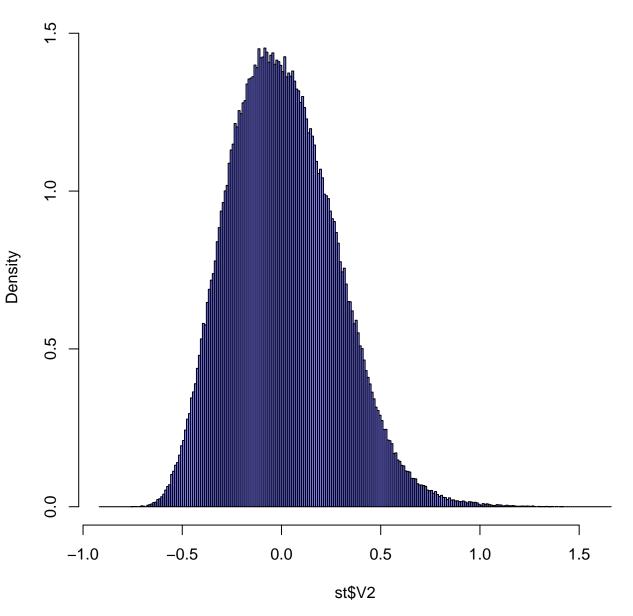
R<VAL>A<CB>



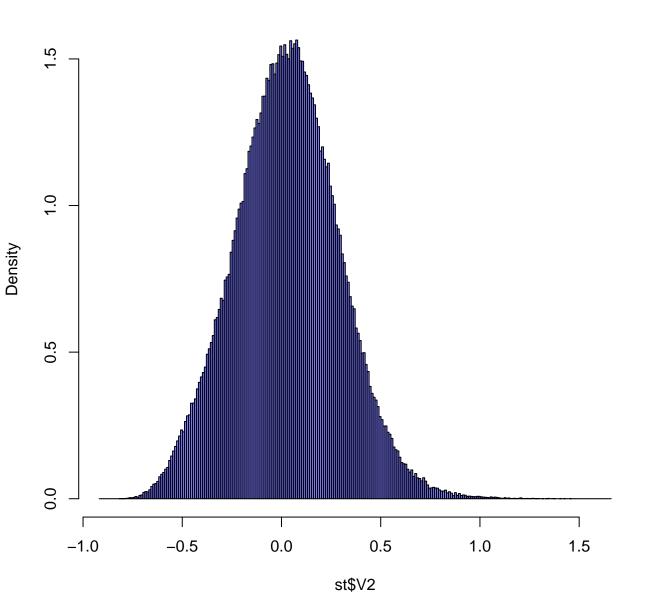
R<VAL>A<CG1>







R<VAL>A<N>



R<VAL>A<O>

