av\_alcohol av\_chlorides av\_citricacid av\_fixedacidity av\_freesulfurdioxide av\_residualsugar av\_sulfites

av\_totalsulfurdioxide av\_volatileacidity av\_boundsulfurdioxide

|  |
| --- |
| av\_Alcohol |
| av\_Chlorides |
| av\_CitricAcid |
| av\_FixedAcidity |
| av\_FreeSulfurDioxide |
| av\_ResidualSugar |
| av\_Sulfites |
| av\_TotalSulfurDioxide |
| av\_VolatileAcidity |
| av\_BoundSulfurDioxide |
| av\_BoundSulfurDioxide2 |
| av\_TotalAcidity |
| av\_TotalAcidity2 |

|  |
| --- |
| ln\_av\_Alcohol |
| ln\_av\_Chlorides |
| ln\_av\_CitricAcid |
| ln\_av\_FixedAcidity |
| ln\_av\_FreeSulfurDioxide |
| ln\_av\_ResidualSugar |
| ln\_av\_Sulfites |
| ln\_av\_TotalSulfurDioxide |
| ln\_av\_VolatileAcidity |
| ln\_av\_BoundSulfurDioxide |
| ln\_av\_BoundSulfurDioxide2 |
| ln\_av\_TotalAcidity |
| ln\_av\_TotalAcidity2 |

|  |
| --- |
| sr\_av\_Alcohol |
| sr\_av\_Chlorides |
| sr\_av\_CitricAcid |
| sr\_av\_FixedAcidity |
| sr\_av\_FreeSulfurDioxide |
| sr\_av\_ResidualSugar |
| sr\_av\_Sulfites |
| sr\_av\_TotalSulfurDioxide |
| sr\_av\_VolatileAcidity |
| sr\_av\_BoundSulfurDioxide |
| sr\_av\_BoundSulfurDioxide2 |
| sr\_av\_TotalAcidity |
| sr\_av\_TotalAcidity2 |

sr\_av\_Alcohol = sqrt(av\_Alcohol);

sr\_av\_Chlorides = sqrt(av\_Chlorides);

sr\_av\_CitricAcid = sqrt(av\_CitricAcid);

sr\_av\_FixedAcidity = sqrt(av\_FixedAcidity);

sr\_av\_FreeSulfurDioxide = sqrt(av\_FreeSulfurDioxide);

sr\_av\_ResidualSugar = sqrt(av\_ResidualSugar);

sr\_av\_Sulfites = sqrt(av\_Sulfites);

sr\_av\_TotalSulfurDioxide = sqrt(av\_TotalSulfurDioxide);

sr\_av\_VolatileAcidity = sqrt(av\_VolatileAcidity);

sr\_av\_BoundSulfurDioxide = sqrt(av\_BoundSulfurDioxide);

sr\_av\_BoundSulfurDioxide2 = sqrt(av\_BoundSulfurDioxide2);

sr\_av\_TotalAcidity = sqrt(av\_TotalAcidity);

sr\_av\_TotalAcidity2 = sqrt(av\_TotalAcidity2);

ln\_av\_alcohol ln\_av\_chlorides ln\_av\_citricacid ln\_av\_fixedacidity ln\_av\_freesulfurdioxide ln\_av\_residualsugar ln\_av\_sulfites

ln\_av\_totalsulfurdioxide ln\_av\_volatileacidity ln\_av\_boundsulfurdioxide ln\_av\_boundsulfurdioxide2 ln\_av\_totalacidity ln\_av\_totalacidity2

sr\_av\_alcohol sr\_av\_chlorides sr\_av\_citricacid sr\_av\_fixedacidity sr\_av\_freesulfurdioxide sr\_av\_residualsugar sr\_av\_sulfites

sr\_av\_totalsulfurdioxide sr\_av\_volatileacidity sr\_av\_boundsulfurdioxide sr\_av\_boundsulfurdioxide2 sr\_av\_totalacidity sr\_av\_totalacidity2