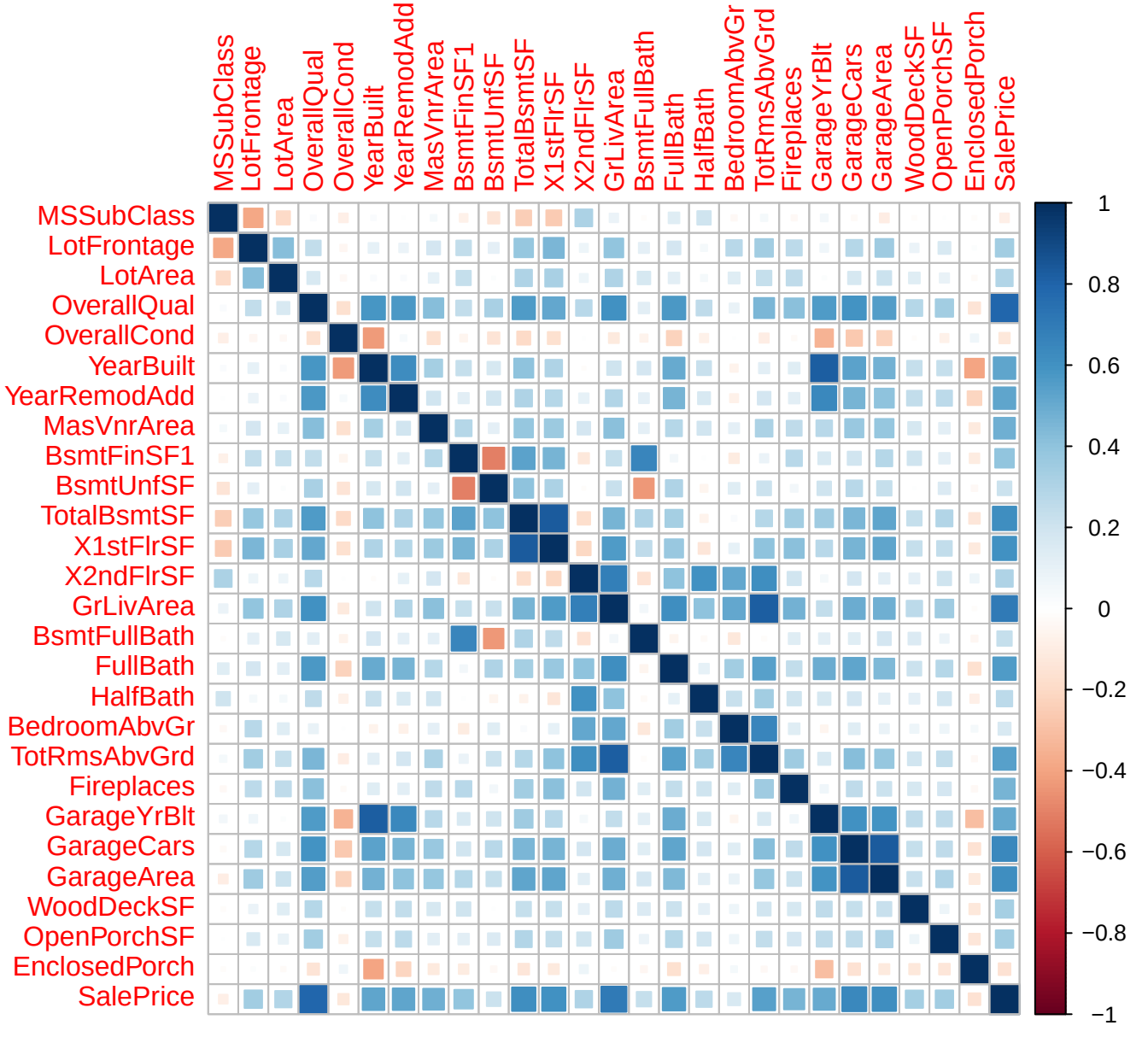
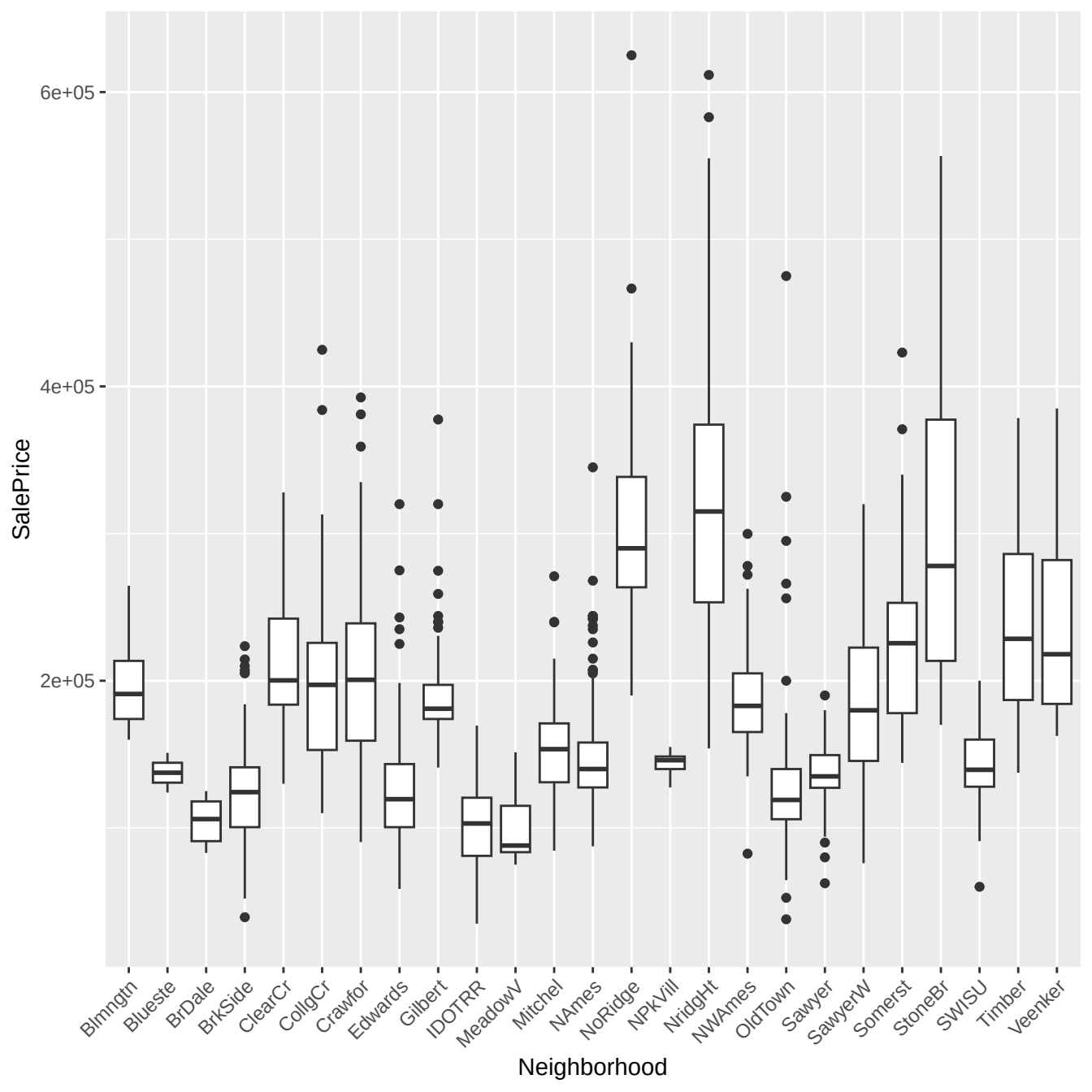
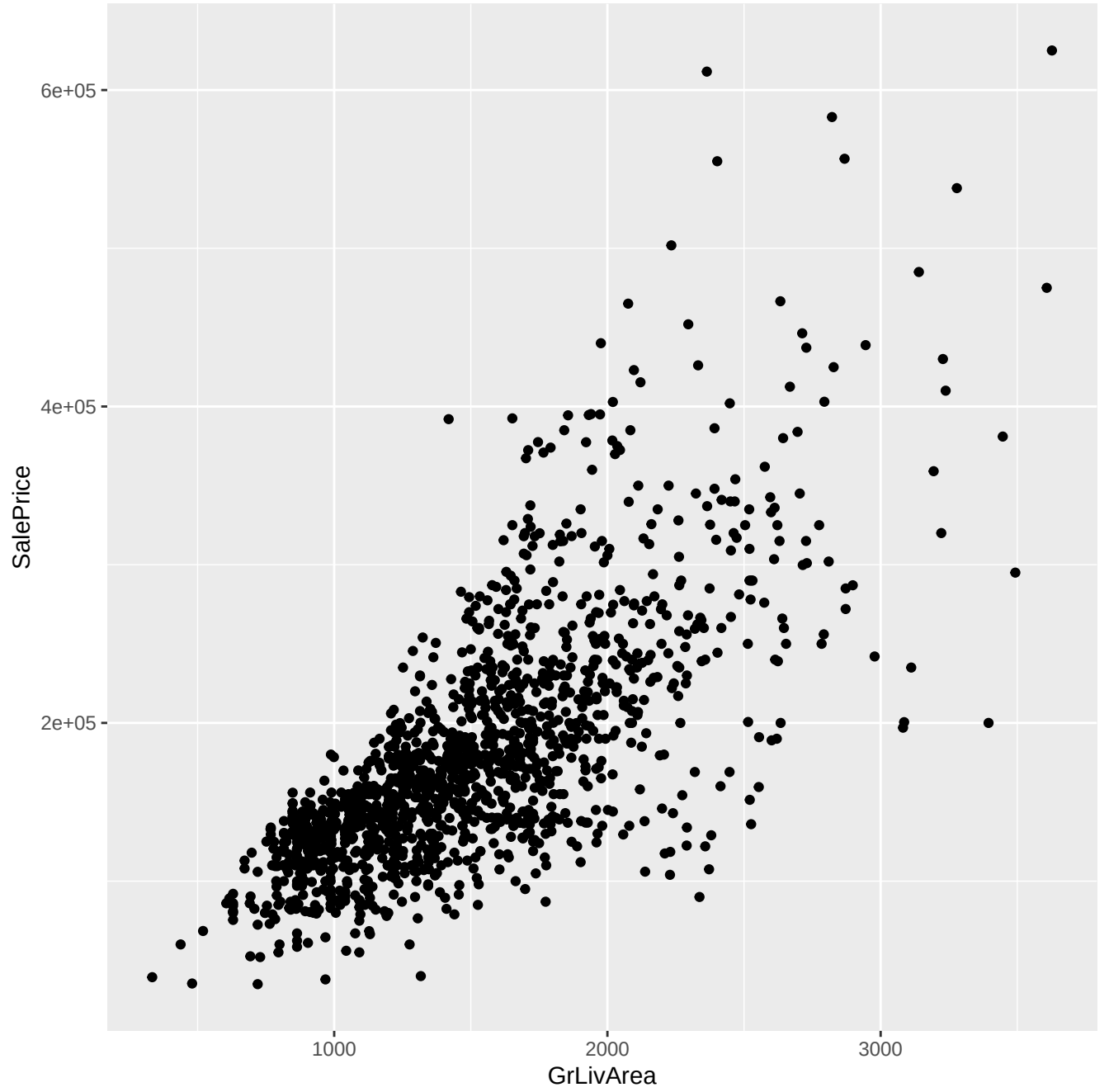
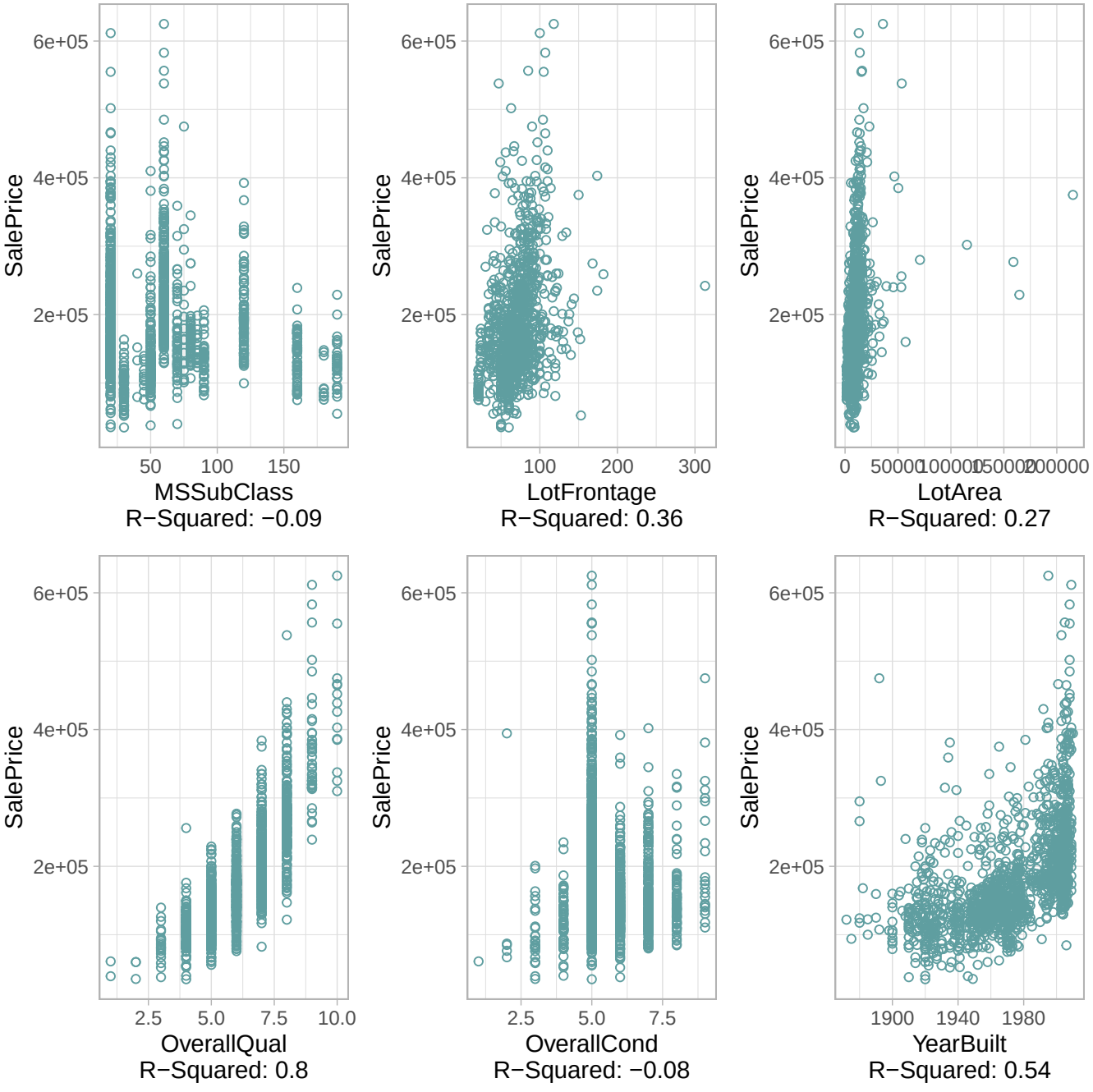
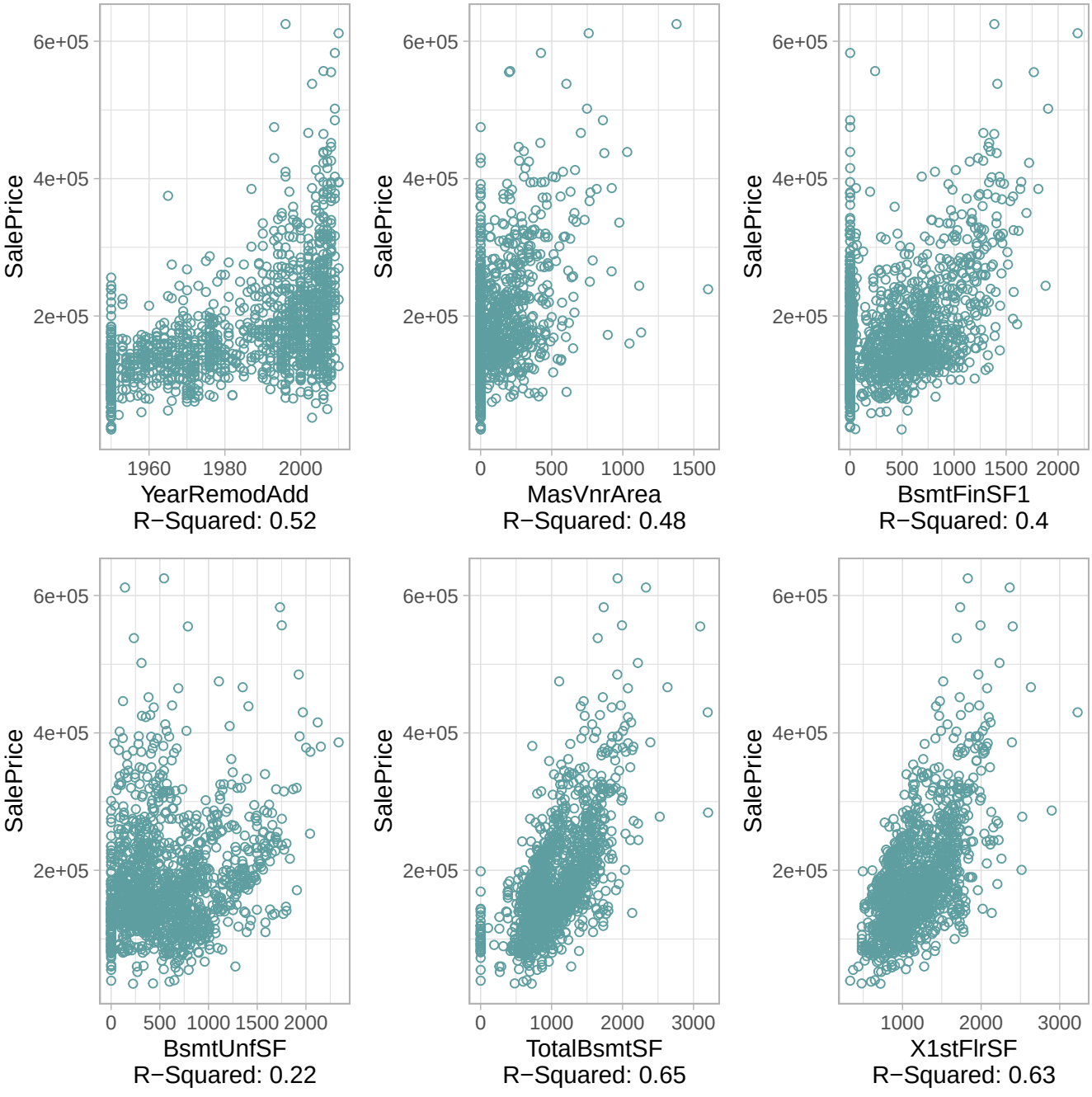
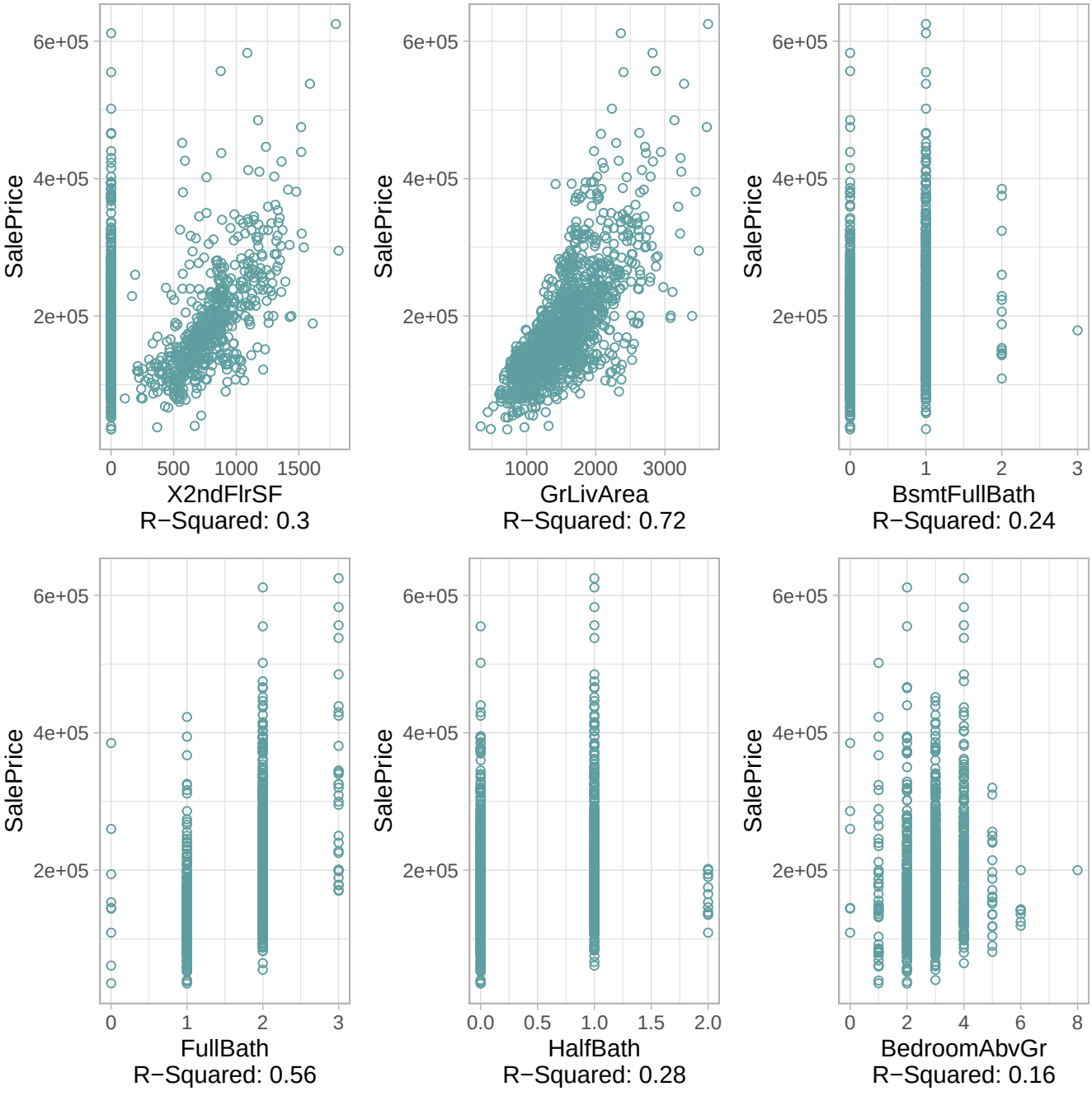

MSSubClass
LotFrontage
LotArea
OverallQual
OverallCond
YearBuilt
YearRemodAdd
MasVnrArea
BsmtFinSF1
BsmtUnfSF
TotalBsmtSF
X1stFlrSF
X2ndFlrSF
GrLivArea
BsmtFullBath
FullBath
HalfBath
BedroomAbvGr
TotRmsAbvGrd
Fireplaces
GarageYrBlt
GarageCars
GarageArea
WoodDeckSF
OpenPorchSF
EnclosedPorch
SalePrice
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1

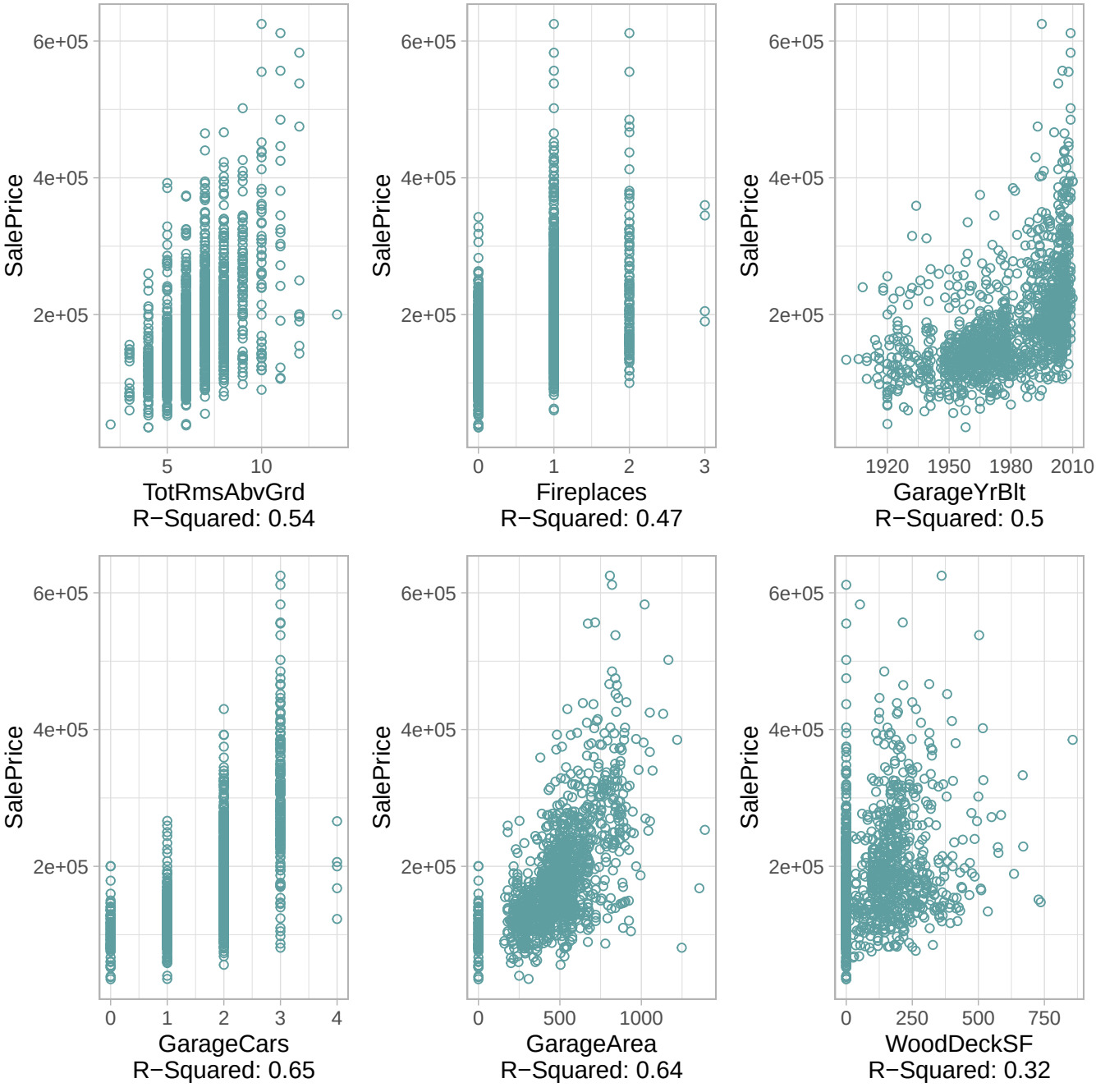

6e+05
4e+05
2e+05
SalePrice
Blmngtn
Blueste
BrDale
BrkSide
ClearCr
CollgCr
Crawfor
Edwards
Gilbert
IDOTRR
MeadowV
Mitchel
NAmes
NoRidge
NPkVill
NridgHt
NWAmes
OldTown
Sawyer
SawyerW
Somerst
StoneBr
SWISU
Timber
Veenker
Neighborhood

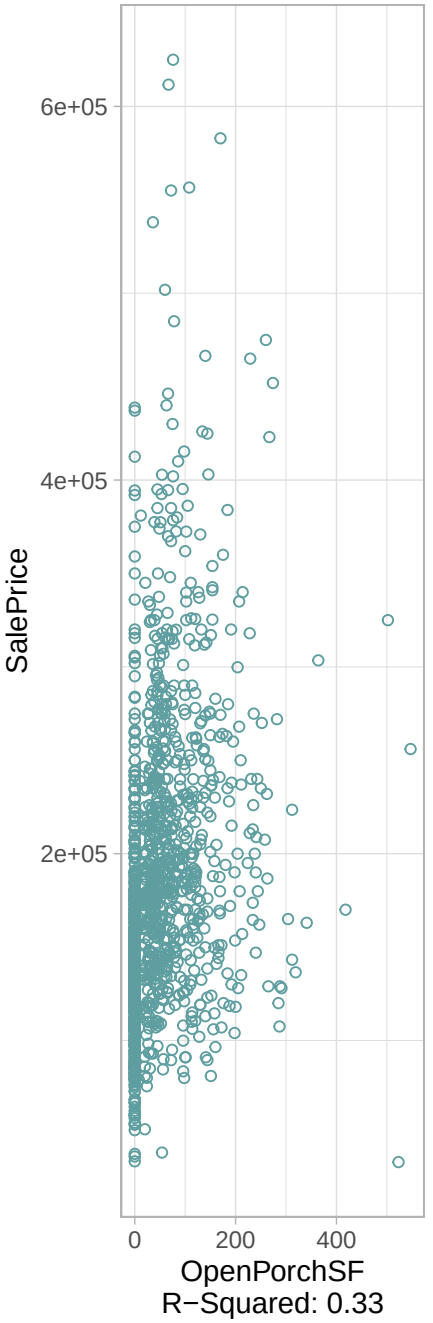

6e+05
4e+05
2e+05
SalePrice
1000
2000
3000
GrLivArea

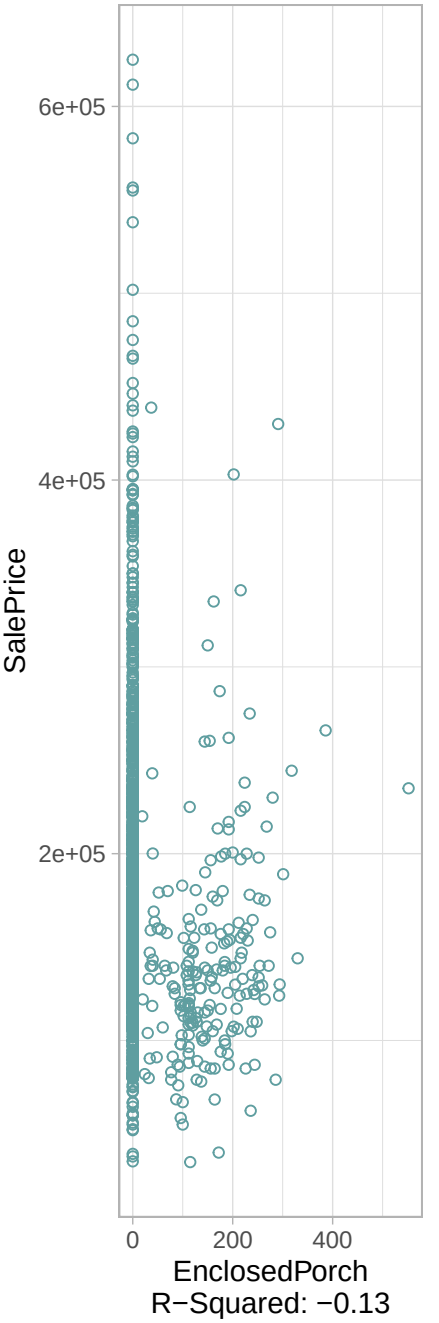

SalePrice
6e+05
4e+05
2e+05
50
100
150
MSSubClass
R−Squared: −0.09
100
200
300
LotFrontage
R−Squared: 0.36
0
50000
100000
150000
200000
LotArea
R−Squared: 0.27
2.5
5.0
7.5
10.0
OverallQual
R−Squared: 0.8
OverallCond
R−Squared: −0.08
1900
1940
1980
YearBuilt
R−Squared: 0.54

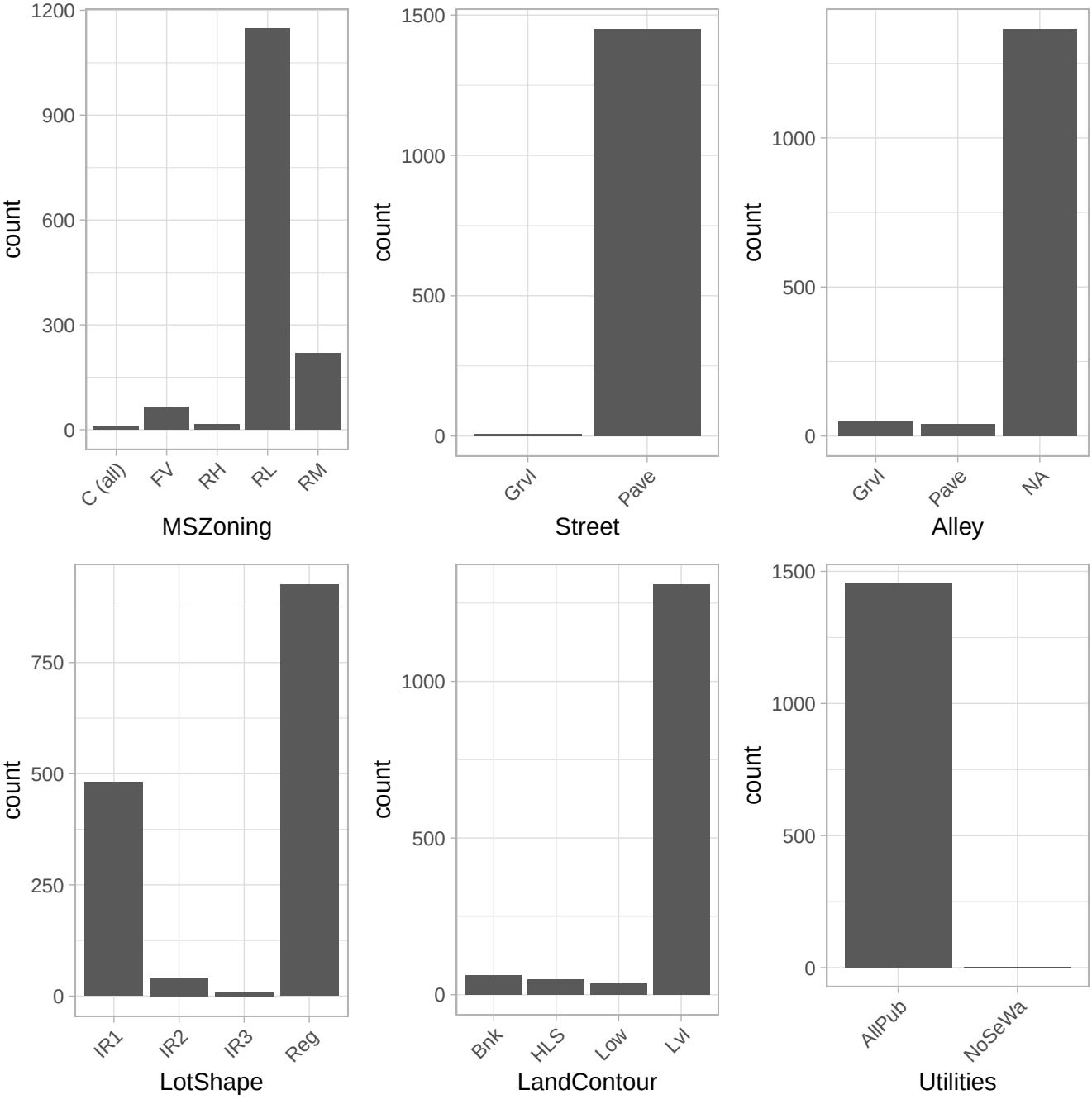

SalePrice
6e+05
4e+05
2e+05
1960
1980
2000
YearRemodAdd
R−Squared: 0.52
0
500
1000
1500
MasVnrArea
R−Squared: 0.48
0
500
1000
1500
2000
BsmtFinSF1
R−Squared: 0.4
0
500
1000
1500
2000
BsmtUnfSF
R−Squared: 0.22
0
1000
2000
3000
TotalBsmtSF
R−Squared: 0.65
1000
2000
3000
X1stFlrSF
R−Squared: 0.63

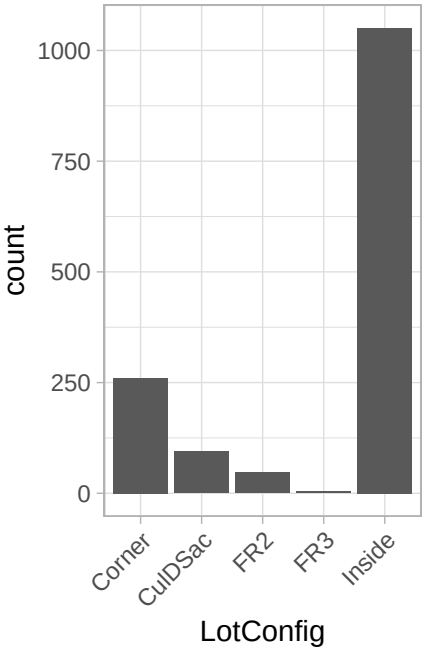

SalePrice
6e+05
4e+05
2e+05
0
500
1000
1500
X2ndFlrSF
R−Squared: 0.3
1000
2000
3000
GrLivArea
R−Squared: 0.72
0
1
2
3
BsmtFullBath
R−Squared: 0.24
FullBath
R−Squared: 0.56
0.0
0.5
1.0
1.5
2.0
HalfBath
R−Squared: 0.28
4
6
8
BedroomAbvGr
R−Squared: 0.16

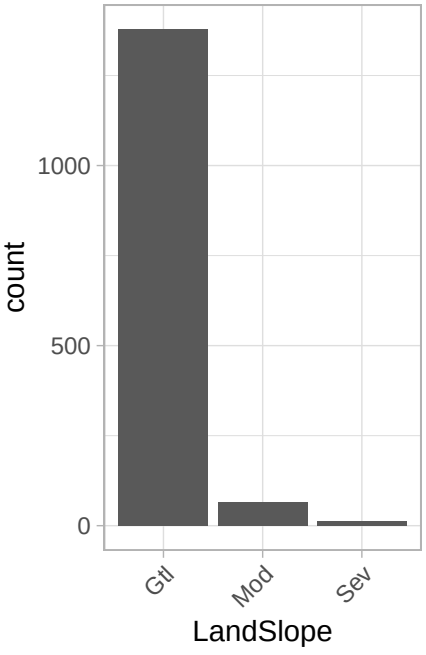

SalePrice
6e+05
4e+05
2e+05
5
10
TotRmsAbvGrd
R−Squared: 0.54
0
1
2
3
Fireplaces
R−Squared: 0.47
1920
1950
1980
2010
GarageYrBlt
R−Squared: 0.5
4
GarageCars
R−Squared: 0.65
500
1000
GarageArea
R−Squared: 0.64
250
750
WoodDeckSF
R−Squared: 0.32

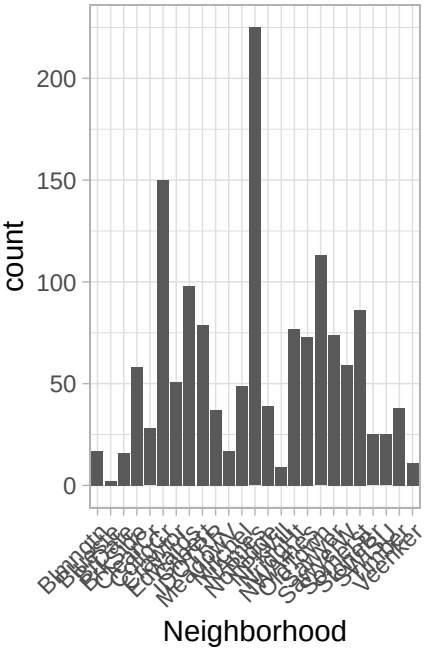

6e+05
4e+05
2e+05
SalePrice
0
200
400
OpenPorchSF
R−Squared: 0.33

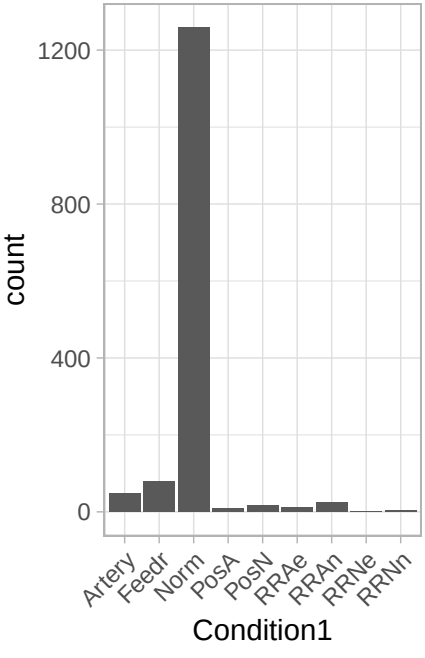

6e+05
4e+05
2e+05
SalePrice
0
200
400
EnclosedPorch
R−Squared: −0.13

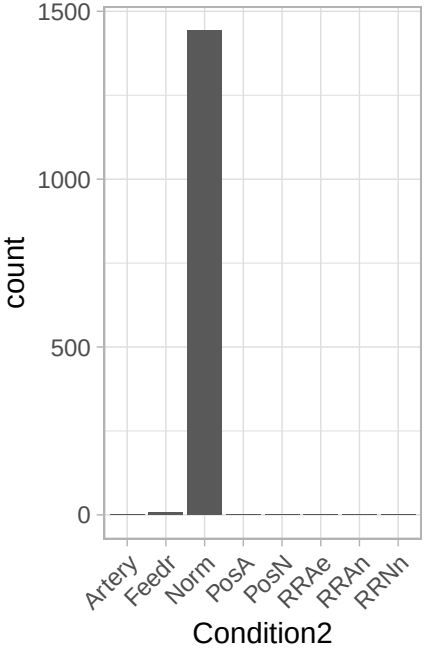

count
1200
900
600
300
0
C (all)
FV
RH
RL
RM
MSZoning
count
1500
1000
500
0
Grvl
Pave
Street
count
1000
500
0
Grvl
Pave
NA
Alley
count
750
500
250
0
IR1
IR2
IR3
Reg
LotShape
count
1000
500
0
Bnk
HLS
Low
Lvl
LandContour
count
1500
1000
500
0
AllPub
NoSeWa
Utilities

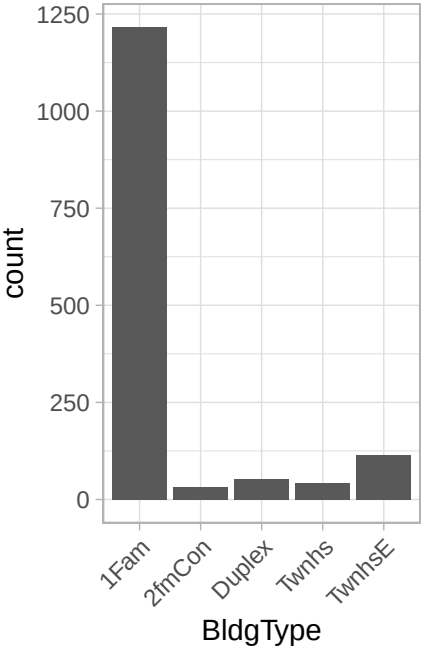

count
1000
750
500
250
0
Corner
CulDSac
FR2
FR3
Inside
LotConfig


count
1000
500
0
Gtl
Mod
Sev
LandSlope


count
200
150
100
50
0
Neighborhood


count
1200
800
400
0
Artery
Feedr
Norm
PosA
PosN
RRAe
RRAn
RRNe
RRNn
Condition1


count
1500
1000
500
0
Artery
Feedr
Norm
PosA
PosN
RRAe
RRAn
RRNn
Condition2


count
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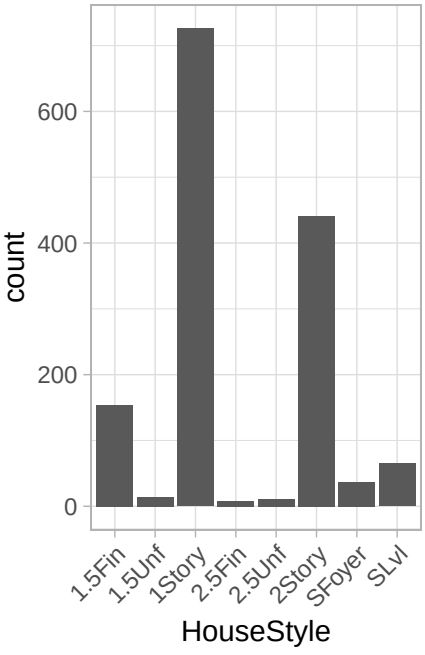
1000
750
500
250
0
1Fam
2fmCon
Duplex
Twnhs
TwnhsE
BldgType


count
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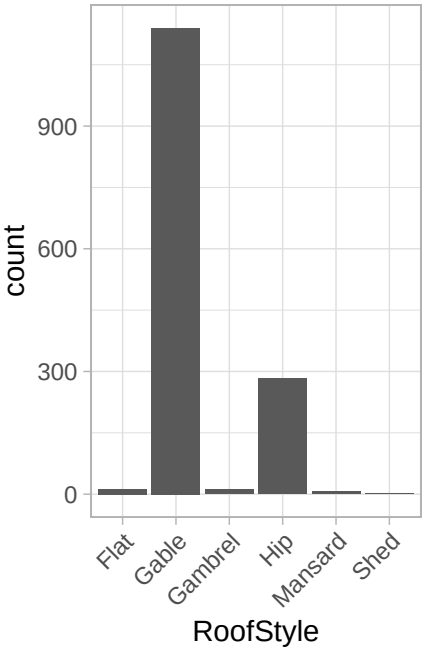
200
400
600
1.5Fin
1.5Unf
1Story
2.5Fin
2.5Unf
2Story
SFoyer
SLvl
HouseStyle


count
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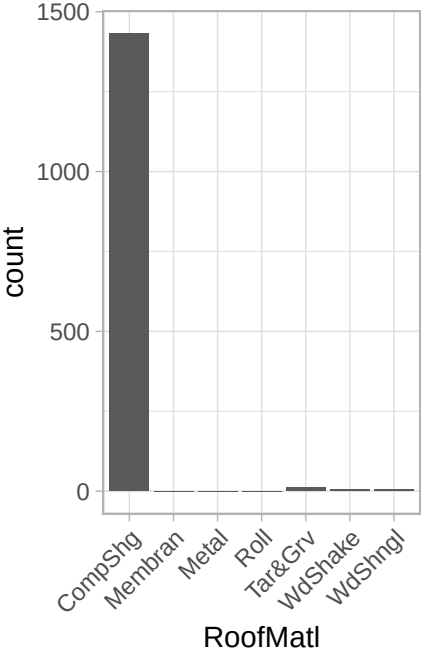
300
600
900
Flat
Gable
Gambrel
Hip
Mansard
Shed
RoofStyle


count
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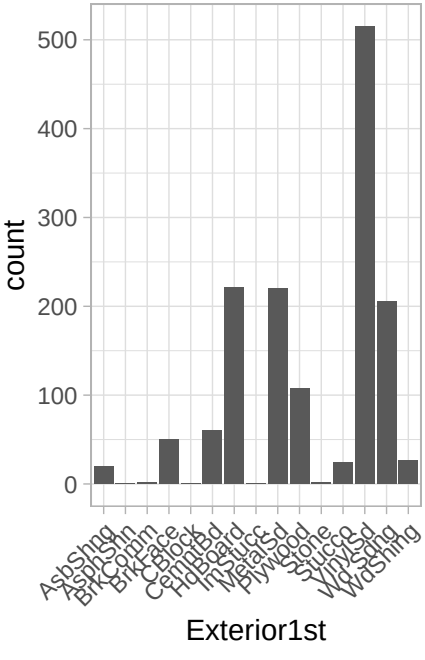
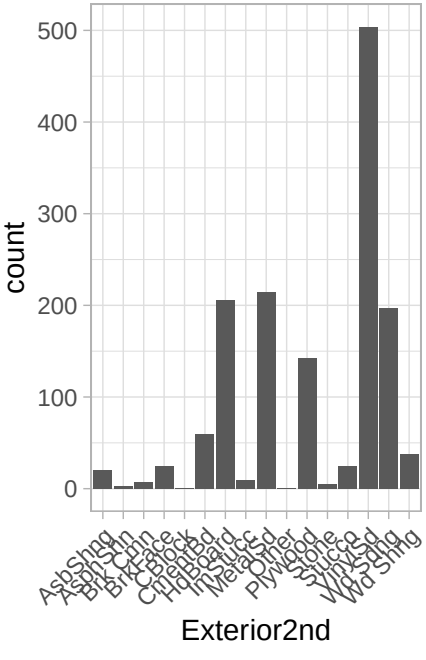
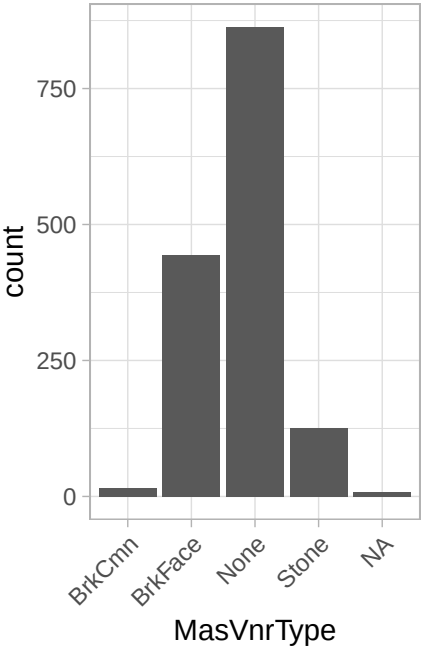
500
1000
1500
CompShg
Membran
Metal
Roll
Tar&Grv
WdShake
WdShngl
RoofMatl


count
0
100
200
300
400
500
AsbShng
AsphShn
BrkCmn
BrkFace
CBlock
CemntBd
HdBoard
ImStucc
MetalSd
Plywood
Stone
Stucco
VinylSd
Wd Sdng
WdShng
Exterior1st


count
0
100
200
300
400
500
AsbShng
AsphShn
BrkCmn
BrkFace
CBlock
CemntBd
HdBoard
ImStucc
MetalSd
Other
Plywood
Stone
Stucco
VinylSd
Wd Sdng
Wd Shng
Exterior2nd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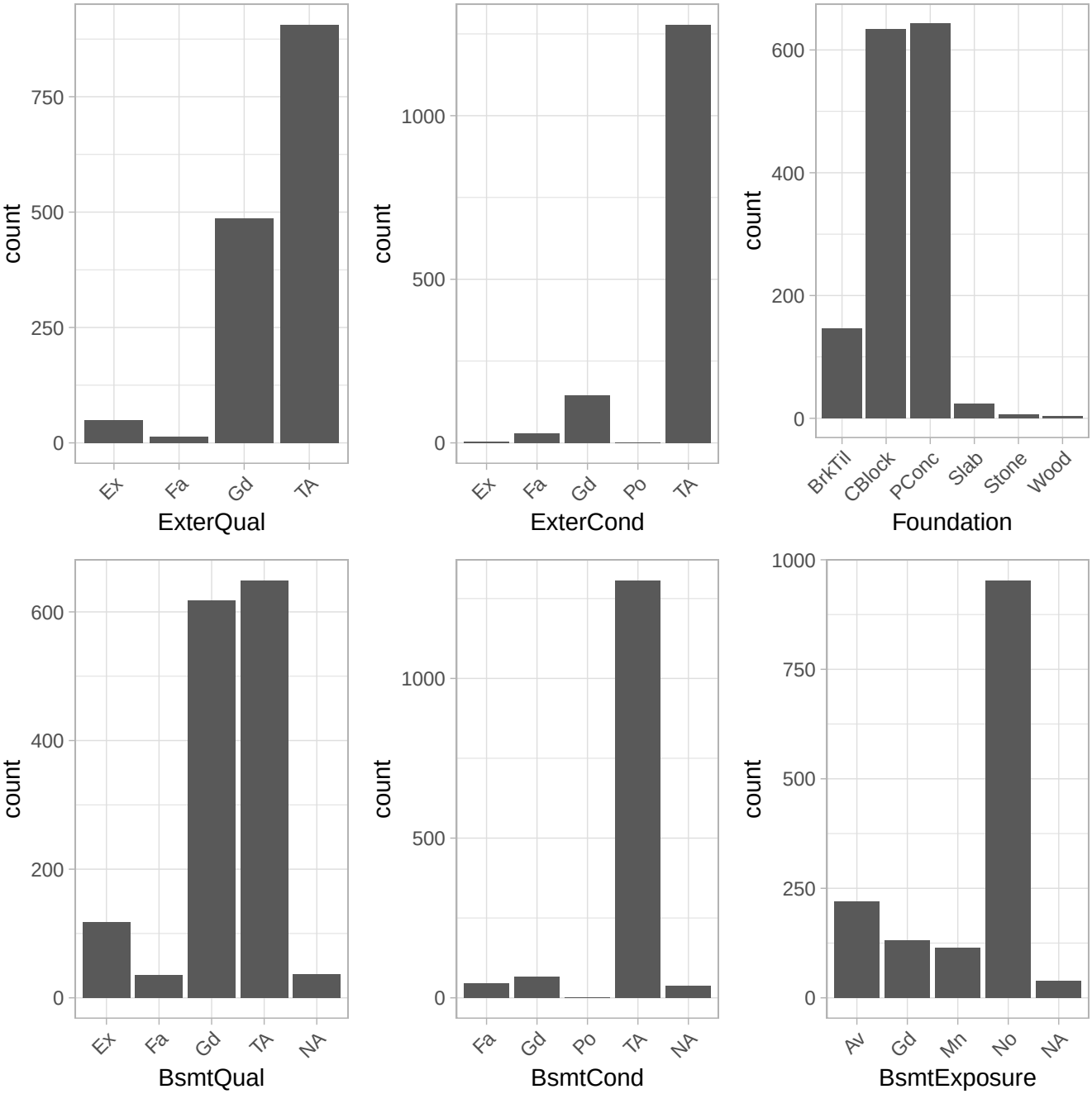
250
500
750
BrkCmn
BrkFace
None
Stone
NA
MasVnrType


count
750
500
250
0
Ex
Fa
Gd
TA
ExterQual
count
1000
500
0
Ex
Fa
Gd
Po
TA
ExterCond
count
600
400
200
0
BrkTil
CBlock
PConc
Slab
Stone
Wood
Foundation
count
600
400
200
0
Ex
Fa
Gd
TA
NA
BsmtQual
count
1000
500
0
Fa
Gd
Po
TA
NA
BsmtCond
count
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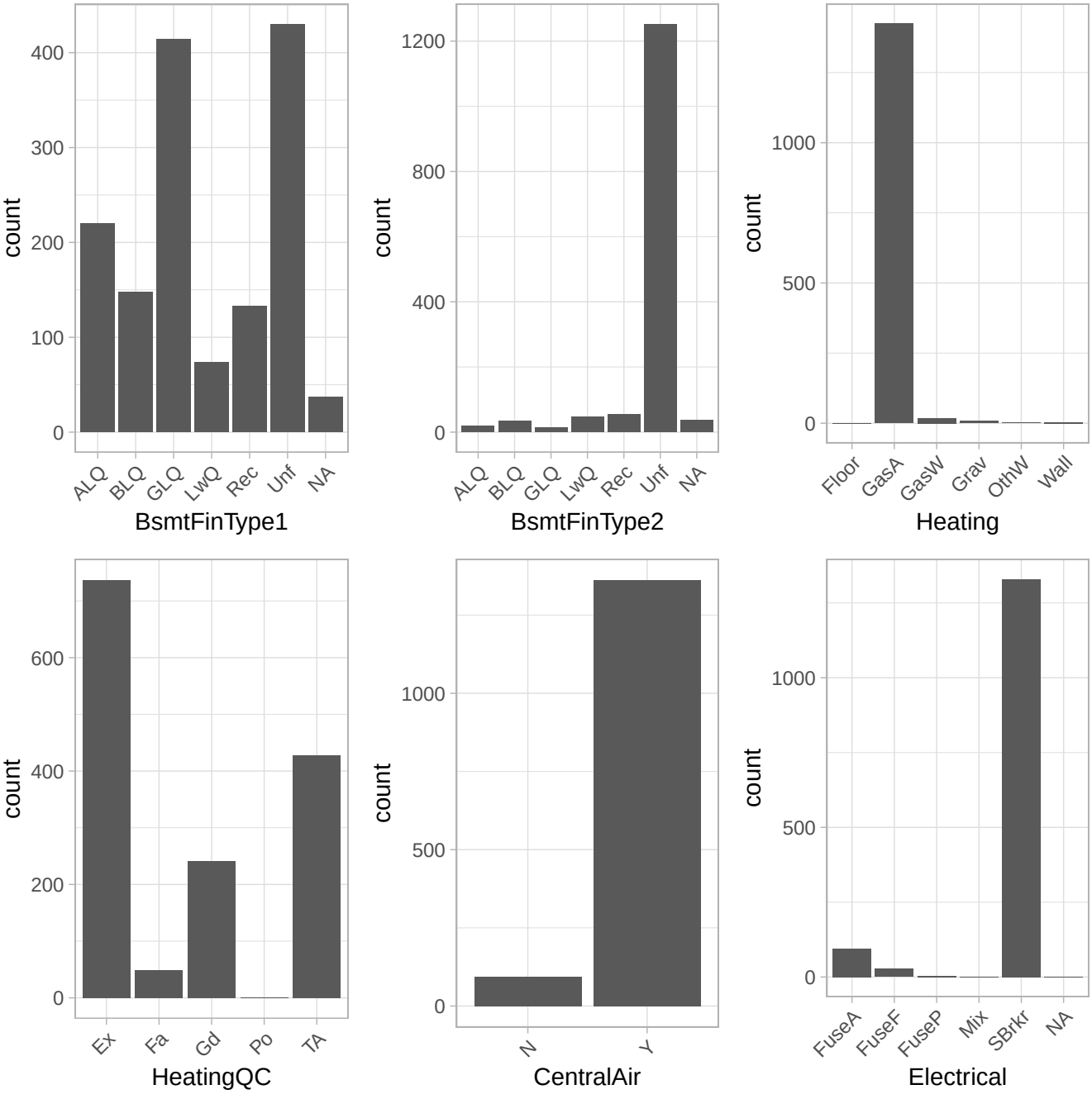
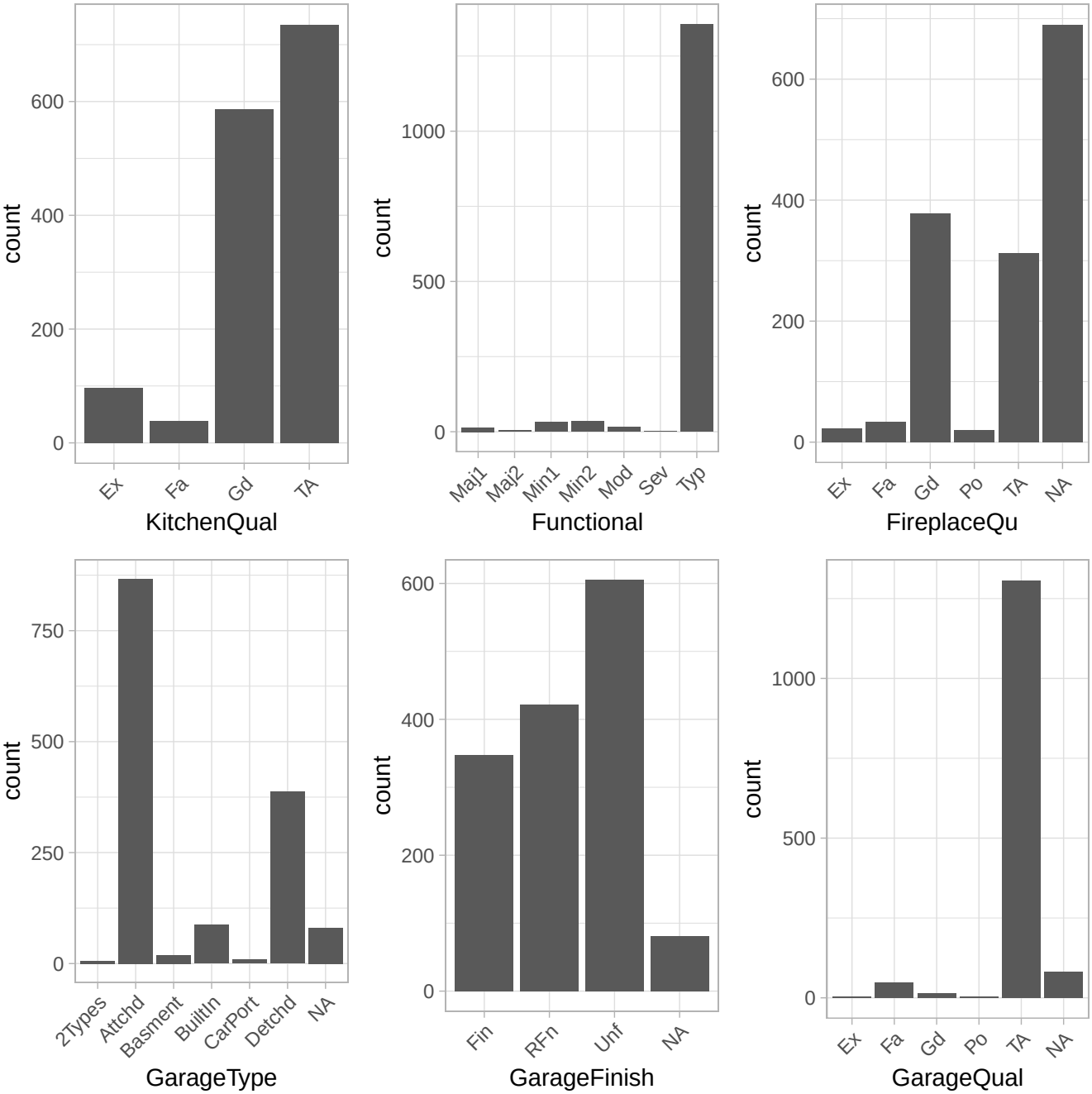
750
500
250
0
Av
Gd
Mn
No
NA
BsmtExposure


count
400
300
200
100
0
ALQ
BLQ
GLQ
LwQ
Rec
Unf
NA
BsmtFinType1
count
1200
800
400
0
ALQ
BLQ
GLQ
LwQ
Rec
Unf
NA
BsmtFinType2
count
1000
500
0
Floor
GasA
GasW
Grav
OthW
Wall
Heating
count
600
400
200
0
Ex
Fa
Gd
Po
TA
HeatingQC
count
1000
500
0
N
Y
CentralAir
count
1000
500
0
FuseA
FuseF
FuseP
Mix
SBrkr
NA
Electrical


count
0
200
400
600
Ex
Fa
Gd
TA
KitchenQual
count
0
500
1000
Maj1
Maj2
Min1
Min2
Mod
Sev
Typ
Functional
count
0
200
400
600
Ex
Fa
Gd
Po
TA
NA
FireplaceQu
count
0
250
500
750
2Types
Attchd
Basment
BuiltIn
CarPort
Detchd
NA
GarageType
count
0
200
400
600
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RFn
Unf
NA
GarageFinish
count
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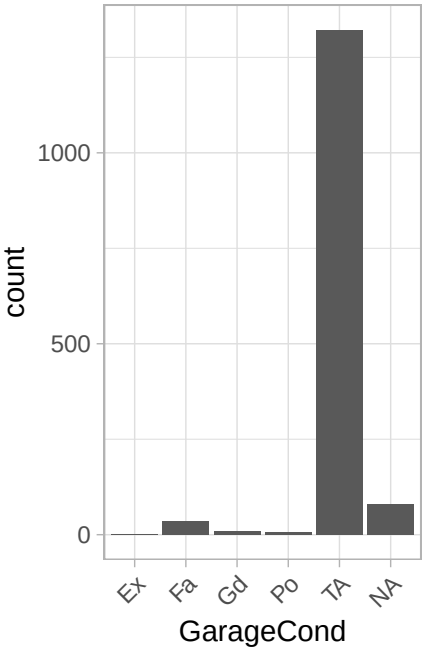
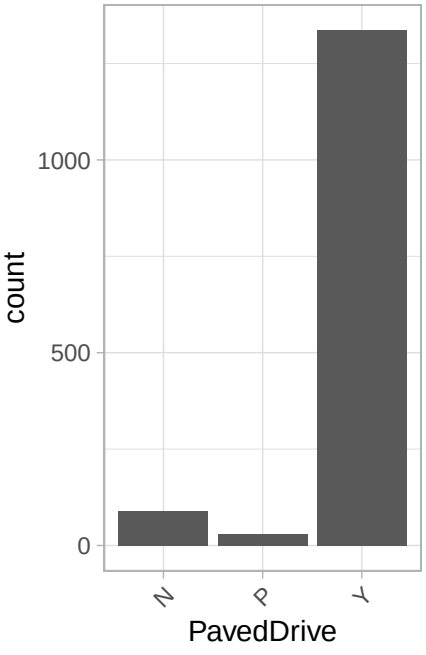
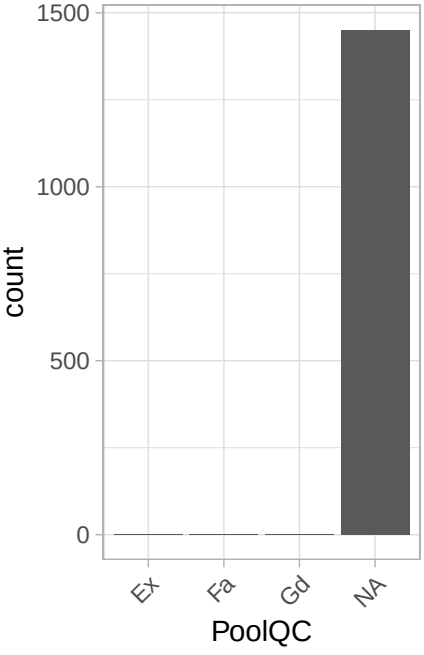
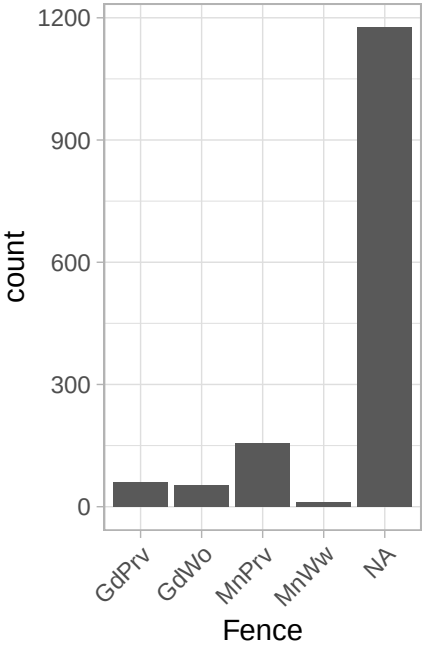
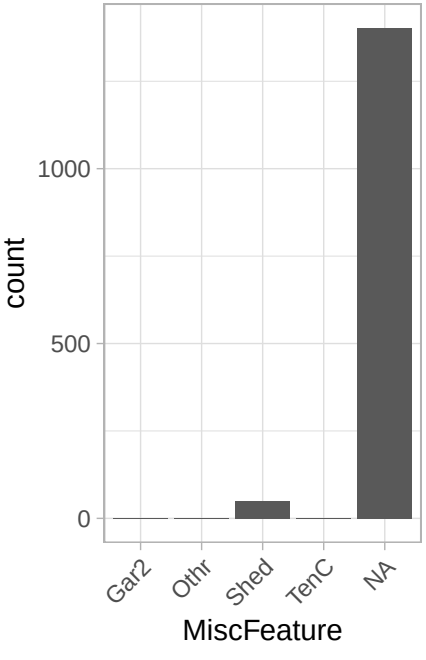
500
1000
Ex
Fa
Gd
Po
TA
NA
GarageQual

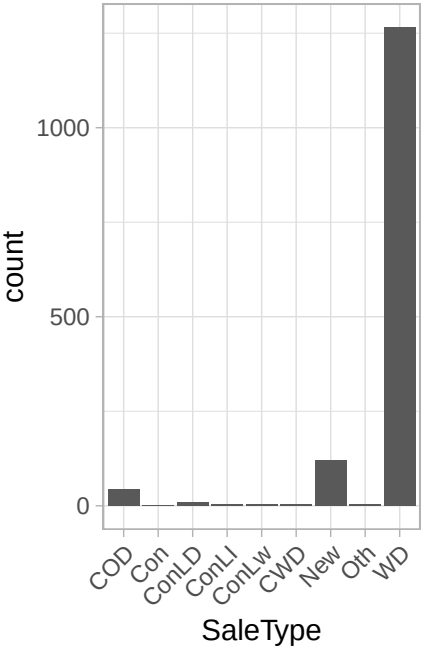

count
1000
500
0
Ex
Fa
Gd
Po
TA
NA
GarageCond

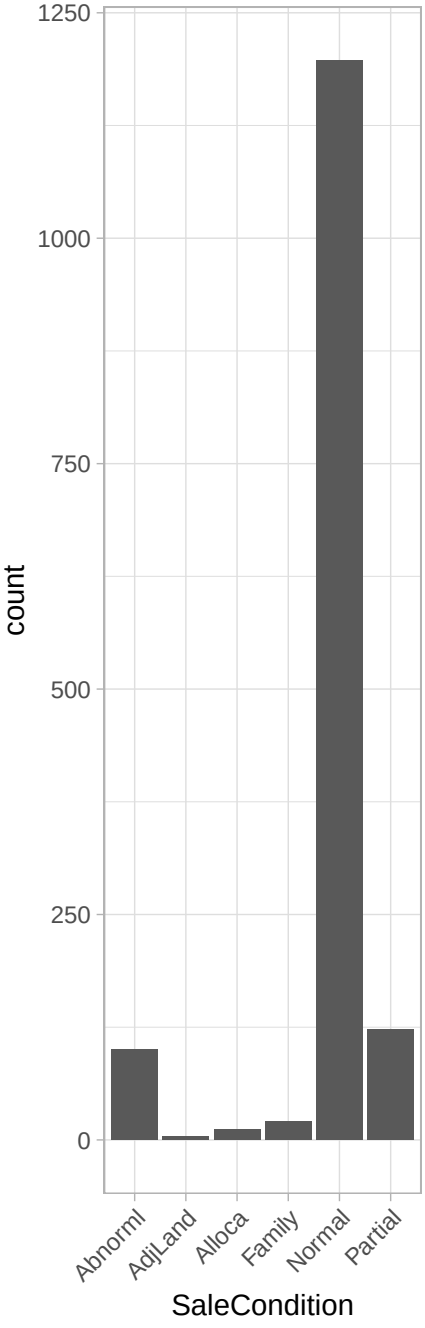

count
1000
500
0
N
P
Y
PavedDrive

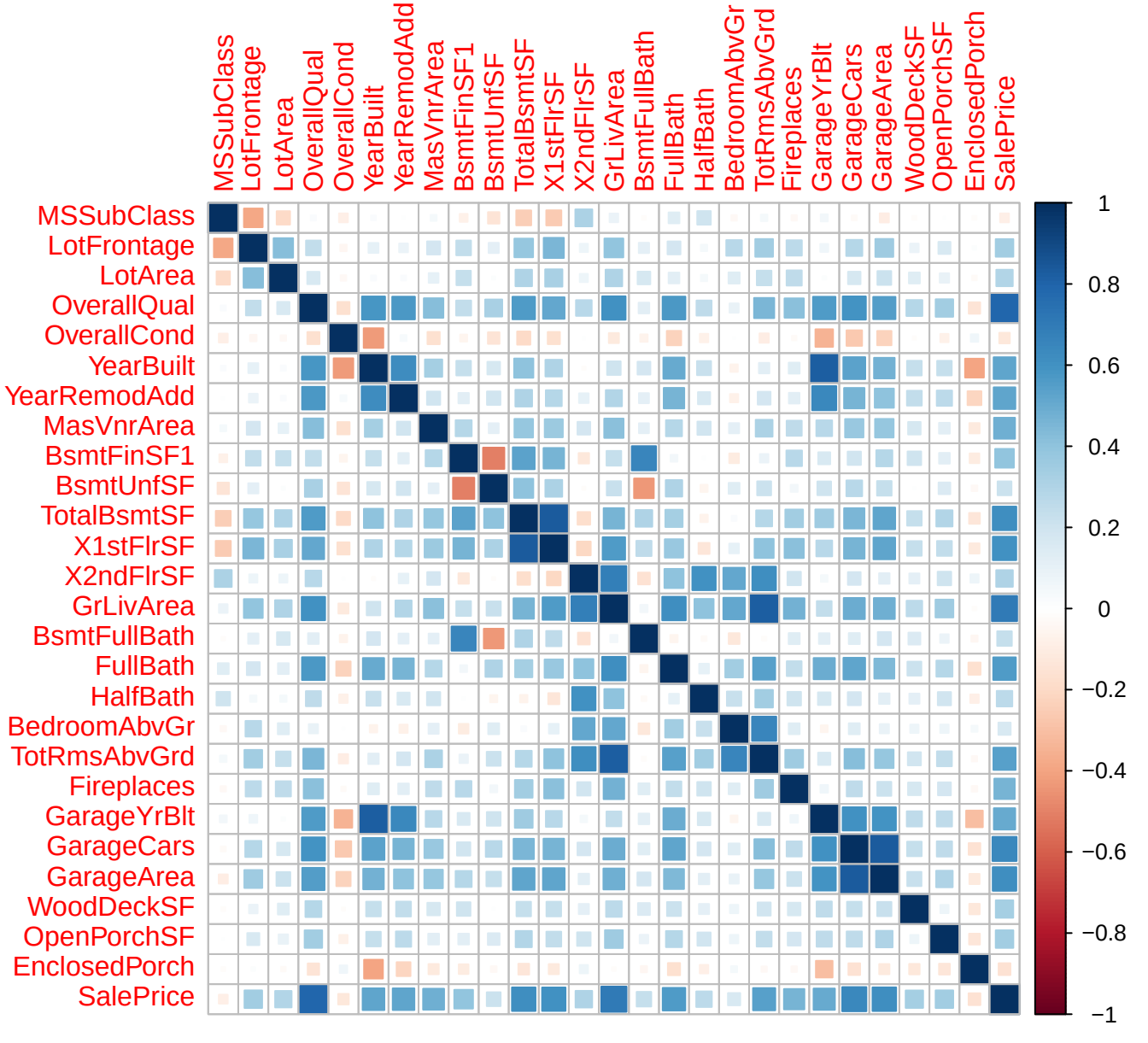

count
1500
1000
500
0
Ex
Fa
Gd
NA
PoolQC


count
1200
900
600
300
0
GdPrv
GdWo
MnPrv
MnWw
NA
Fence


count
1000
500
0
Gar2
Othr
Shed
TenC
NA
MiscFeature


count
1000
500
0
COD
Con
ConLD
ConLI
ConLw
CWD
New
Oth
WD
SaleType


1250
1000
750
500
250
0
count
Abnorml
AdjLand
Alloca
Family
Normal
Partial
SaleCondition


MSSubClass
LotFrontage
LotArea
OverallQual
OverallCond
YearBuilt
YearRemodAdd
MasVnrArea
BsmtFinSF1
BsmtUnfSF
TotalBsmtSF
X1stFlrSF
X2ndFlrSF
GrLivArea
BsmtFullBath
FullBath
HalfBath
BedroomAbvGr
TotRmsAbvGrd
Fireplaces
GarageYrBlt
GarageCars
GarageArea
WoodDeckSF
OpenPorchSF
EnclosedPorch
SalePrice
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1