Ranked Cross–Correlations

15 most relevant [NAs removed]

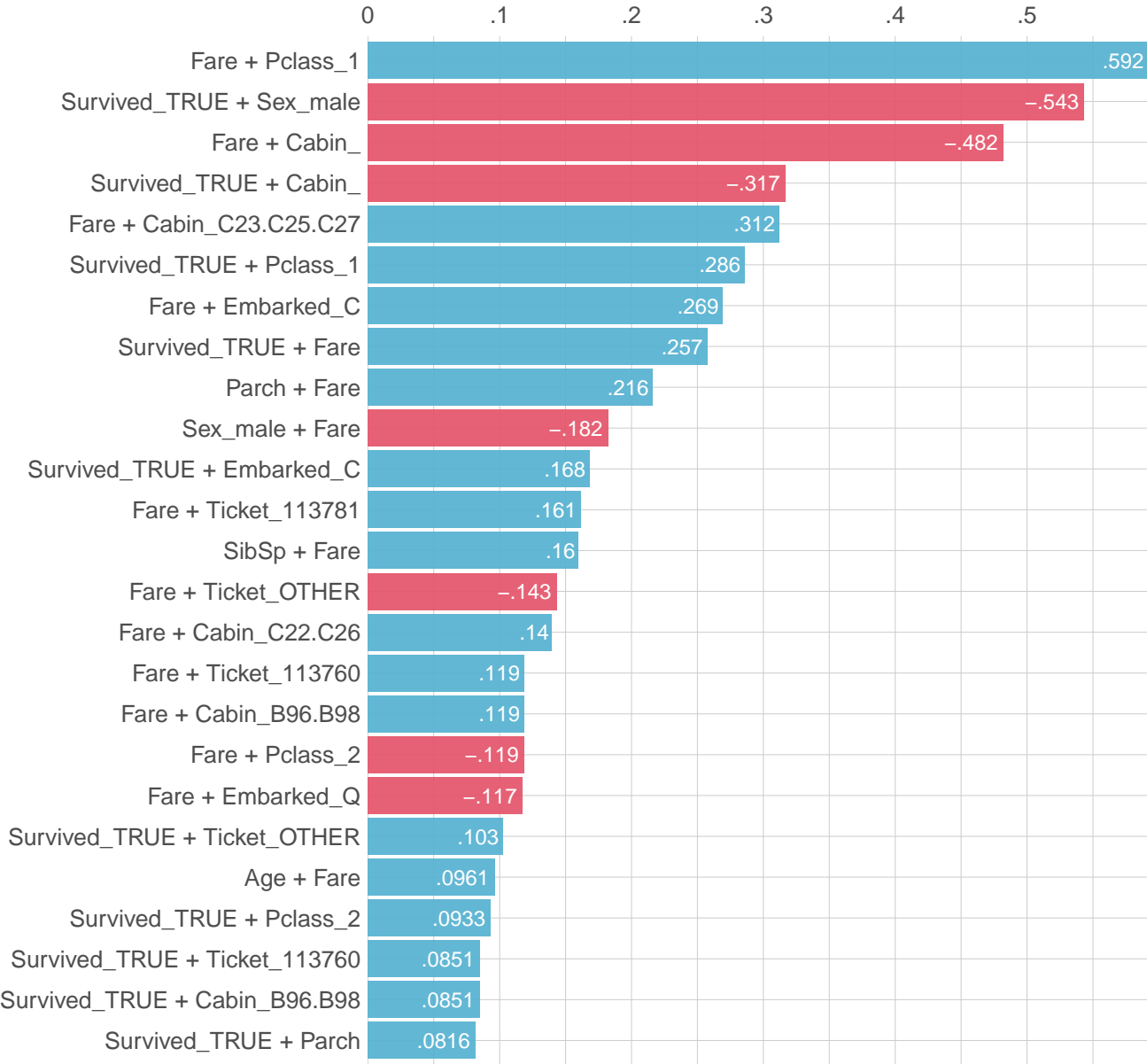| Pair	Correlation
Ticket_113781 + Cabin_C22.C26	.866
Pclass_1 + Cabin_	−.789
SibSp + Ticket_CA..2343	.604
Fare + Pclass_1	.592
SibSp + Ticket_OTHER	−.571
Survived_TRUE + Sex_male	−.543
Fare + Cabin_	−.482
Parch + Ticket_OTHER	−.44
SibSp + Parch	.415
Age + Pclass_1	.349
Survived_TRUE + Cabin_	−.317
Fare + Cabin_C23.C25.C27	.312
Age + SibSp	−.308
Pclass_1 + Embarked_C	.296
Survived_TRUE + Pclass_1	.286
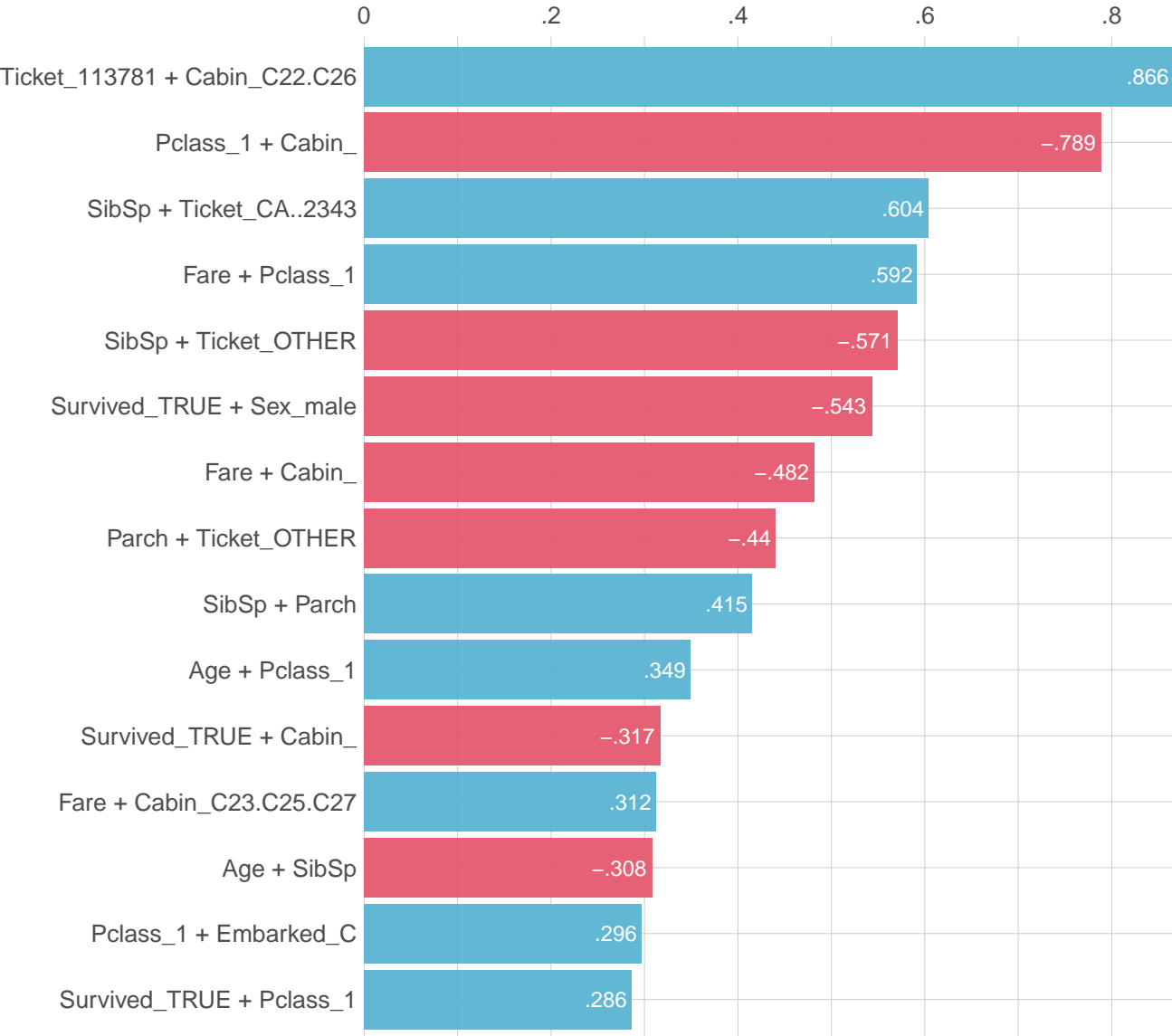
Correlations with p−value < 0.05

Ranked Cross–Correlations

25 most relevant containing 'Survived', 'Fare'

Pair	Value
Fare + Pclass_1	.592
Survived_TRUE + Sex_male	−.543
Fare + Cabin_	−.482
Survived_TRUE + Cabin_	−.317
Fare + Cabin_C23.C25.C27	.312
Survived_TRUE + Pclass_1	.286
Fare + Embarked_C	.269
Survived_TRUE + Fare	.257
Parch + Fare	.216
Sex_male + Fare	−.182
Survived_TRUE + Embarked_C	.168
Fare + Ticket_113781	.161
SibSp + Fare	.16
Fare + Ticket_OTHER	−.143
Fare + Cabin_C22.C26	.14
Fare + Ticket_113760	.119
Fare + Cabin_B96.B98	.119
Fare + Pclass_2	−.119
Fare + Embarked_Q	−.117
Survived_TRUE + Ticket_OTHER	.103
Age + Fare	.0961
Survived_TRUE + Pclass_2	.0933
Survived_TRUE + Ticket_113760	.0851
Survived_TRUE + Cabin_B96.B98	.0851
Survived_TRUE + Parch	.0816

Local Cross−Correlations

1 most relevant

Ticket

Ticket_113781 + Cabin_C22.C26

Survived

Survived_TRUE + Sex_male

SibSp

SibSp + Ticket_CA..2343

Sex

Survived_TRUE + Sex_male

Pclass

Pclass_1 + Cabin_

PassengerId

PassengerId + Cabin_G6

Parch

Parch + Ticket_OTHER

Fare

Fare + Pclass_1

Embarked

Pclass_1 + Embarked_Q

Cabin

Ticket_113781 + Cabin_C22.C26

Age

Age + Pclass_1

−.5   0   .5
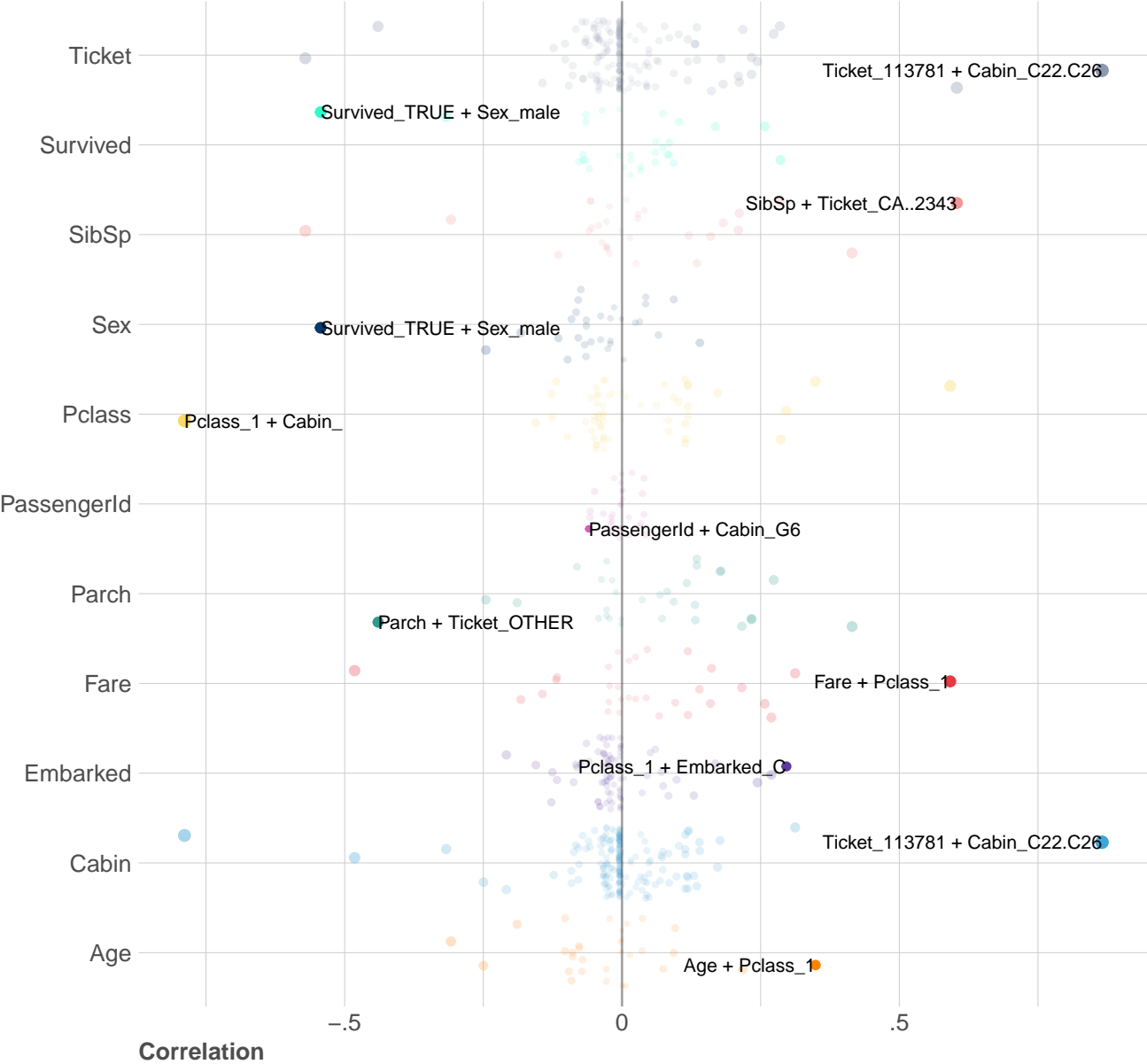
Correlation

Correlations of Survived_TRUE

Top 15 out of 31 variables (original & dummy)

Rank & Variable	Correlation
1. Sex_male	−.543
2. Cabin_	−.317
3. Pclass_1	.286
4. Fare	.257
5. Embarked_C	.168
6. Ticket_OTHER	.103
7. Pclass_2	.0933
9. Cabin_B96 B98	.0851
8. Ticket_113760	.0851
10. Parch	.0816
11. Age	−.0772
13. Cabin_F33	.0736
12. Cabin_E101	.0736
15. Ticket_CA. 2343	−.0702
14. Ticket_347082	−.0702