

A scatter plot showing the relationship between the covariance of feature t_1 (x-axis) and its correlation with other features (y-axis). The x-axis ranges from -1.5×10^{10} to 1.5×10^{10} , and the y-axis ranges from -1.0 to 1.0. Data points are labeled with IDs. A cluster of points with high positive correlation (around 0.5 to 1.0) is labeled 'k2' in red. A single point with low covariance and low correlation is labeled 'k1' in blue. Other points are scattered in the upper right quadrant.

to1

6000

2000

0

-2000

-6000

-10000

-5000

0

5000

10000

R12514

R12508

R12507

R12504

R125180

R125132

R12512

R1251

R12509

R12510

R12513

R125167

R125215

R125221

R125160

R125182

R125161

R125158

R125156

R125209

R125154

R125121

R125120

R125131

R125133

R125134

R125135

R125136

R125137

R125138

R125139

R125140

R125141

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R125210

R125211

R125212

R125213

R125214

R125215

R125216

R125217

R125218

R125219

R125220

R125221

R125222

R125223

R125224

R125225

R125226

R125227

R125228

R125229

R125230

R125231

R125232

R125233

R125234

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R125280

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R125282

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R125299

R125300

R125301

R125302

R125303

R125304

R125305

R125306

R125307

R125308

R125309

R125310

R125311

R125312

R125313

R125314

R125315

R125316

R125317

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R125423

R125424

R125425

R125426

R125427

R125428

R125429

R125430

R125431

R125432

R125433

R125434

R125435

R125436</

A bar chart comparing the proportions of R2Y (light gray bars) and Q2Y (black bars) for two categories, p1 and o1. The y-axis represents the proportion, ranging from 0.0 to 0.5. For p1, the R2Y proportion is approximately 0.50 and the Q2Y proportion is approximately 0.48. For o1, the R2Y proportion is approximately 0.28 and the Q2Y proportion is approximately 0.26.

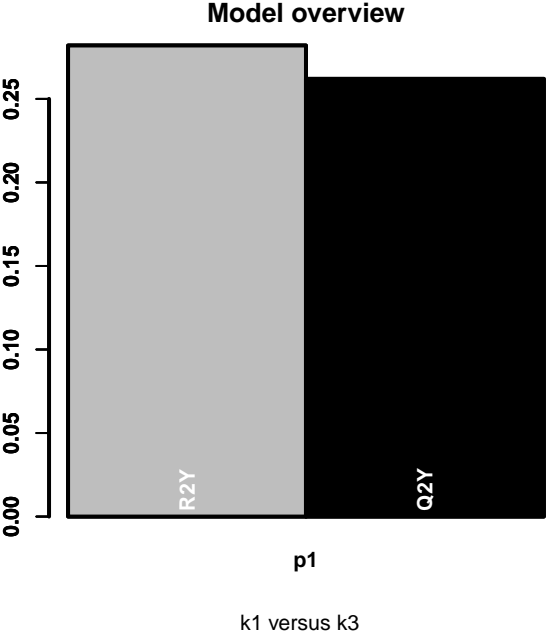
| Category | R2Y | Q2Y |
|----------|------|------|
| p1 | 0.50 | 0.48 |
| o1 | 0.28 | 0.26 |

A scatter plot showing the relationship between the covariance of a feature with the target variable (feature_t01) on the x-axis and the correlation coefficient on the y-axis. The x-axis ranges from -1e+10 to 1e+10, and the y-axis ranges from -1.0 to 1.0. Data points are labeled with model identifiers. Most points are clustered in the upper-left quadrant, indicating negative covariance and high positive correlation. A few points are in the lower-right quadrant, indicating positive covariance and low or negative correlation.

| Model Identifier | covariance(feature, to1) | correlation(feature, to1) |
|------------------|--------------------------|---------------------------|
| M222.39037465 | -7.5e+09 | 0.95 |
| M222.86477335 | -6.5e+09 | 0.90 |
| M222.86467818 | -6.0e+09 | 0.85 |
| M222.95037465 | -5.5e+09 | 0.80 |
| M222.95037465 | -5.0e+09 | 0.75 |
| M222.95037465 | -4.5e+09 | 0.70 |
| M222.95037465 | -4.0e+09 | 0.65 |
| M222.95037465 | -3.5e+09 | 0.60 |
| M222.95037465 | -3.0e+09 | 0.55 |
| M222.95037465 | -2.5e+09 | 0.50 |
| M222.95037465 | -2.0e+09 | 0.45 |
| M222.95037465 | -1.5e+09 | 0.40 |
| M222.95037465 | -1.0e+09 | 0.35 |
| M222.95037465 | -5e+08 | 0.30 |
| M222.95037465 | 0e+00 | 0.25 |
| M222.95037465 | 5e+08 | 0.20 |
| M222.95037465 | 1e+09 | 0.15 |
| M222.95037465 | 1.5e+09 | 0.10 |
| M222.95037465 | 2e+09 | 0.05 |
| M222.95037465 | 2.5e+09 | 0.00 |
| M222.95037465 | 3e+09 | -0.05 |
| M222.95037465 | 3.5e+09 | -0.10 |
| M222.95037465 | 4e+09 | -0.15 |
| M222.95037465 | 4.5e+09 | -0.20 |
| M222.95037465 | 5e+09 | -0.25 |
| M222.95037465 | 5.5e+09 | -0.30 |
| M222.95037465 | 6e+09 | -0.35 |
| M222.95037465 | 6.5e+09 | -0.40 |
| M222.95037465 | 7e+09 | -0.45 |
| M222.95037465 | 7.5e+09 | -0.50 |
| M222.95037465 | 8e+09 | -0.55 |
| M222.95037465 | 8.5e+09 | -0.60 |
| M222.95037465 | 9e+09 | -0.65 |
| M222.95037465 | 9.5e+09 | -0.70 |
| M222.95037465 | 1e+10 | -0.75 |

too few covariance data

no orthogonal projection is possible



no orthogonal projection is possible

