

A scatter plot showing the relationship between the covariance of a feature with t_1 (x-axis) and the correlation of a feature with t_1 (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. Two clusters are identified: k_1 (blue) and k_2 (red). Cluster k_1 contains a single point labeled $M239_07057293$. Cluster k_2 contains a large group of points, many of which are labeled with IDs such as $M207_03087096$, $M201_03330159$, $M203_03087327$, $M205_02427307$, $M206_82227811$, $M208_03087239$, $M209_03087239$, $M210_03087239$, $M211_03087239$, $M212_03087239$, $M213_03087239$, $M214_03087239$, $M215_03087239$, $M216_03087239$, $M217_03087239$, $M218_03087239$, $M219_03087239$, $M220_03087239$, $M221_03087239$, $M222_03087239$, $M223_03087239$, $M224_03087239$, $M225_03087239$, $M226_03087239$, $M227_03087239$, $M228_03087239$, $M229_03087239$, $M230_03087239$, $M231_03087239$, $M232_03087239$, $M233_03087239$, $M234_03087239$, $M235_03087239$, $M236_03087239$, $M237_03087239$, $M238_03087239$, $M239_03087239$, $M240_03087239$, $M241_03087239$, $M242_03087239$, $M243_03087239$, $M244_03087239$, $M245_03087239$, $M246_03087239$, $M247_03087239$, $M248_03087239$, $M249_03087239$, $M250_03087239$, $M251_03087239$, $M252_03087239$, $M253_03087239$, $M254_03087239$, $M255_03087239$, $M256_03087239$, $M257_03087239$, $M258_03087239$, $M259_03087239$, $M260_03087239$, $M261_03087239$, $M262_03087239$, $M263_03087239$, $M264_03087239$, $M265_03087239$, $M266_03087239$, $M267_03087239$, $M268_03087239$, $M269_03087239$, $M270_03087239$, $M271_03087239$, $M272_03087239$, $M273_03087239$, $M274_03087239$, $M275_03087239$, $M276_03087239$, $M277_03087239$, $M278_03087239$, $M279_03087239$, $M280_03087239$, $M281_03087239$, $M282_03087239$, $M283_03087239$, $M284_03087239$, $M285_03087239$, $M286_03087239$, $M287_03087239$, $M288_03087239$, $M289_03087239$, $M290_03087239$, $M291_03087239$, $M292_03087239$, $M293_03087239$, $M294_03087239$, $M295_03087239$, $M296_03087239$, $M297_03087239$, $M298_03087239$, $M299_03087239$, $M300_03087239$.

A scatter plot titled "t1 (47%)" on the x-axis and "t01" on the y-axis. The x-axis ranges from -10000 to 10000 with major ticks every 5000. The y-axis ranges from -6000 to 6000 with major ticks every 2000. A grid is present. Two clusters of points are identified: k1 (blue) and k2 (red). Each cluster is enclosed by an ellipse of the same color. The k1 cluster is centered around (-5000, 0) and contains points like R12514, R12506, R12507, R12504, R12523, R125180, R12520v, R125212, R1251, R12520v, R125213, R125110, and R12519. The k2 cluster is centered around (5000, 0) and contains points like R12517, R12518, R12519, R12520, R125154, R125121, R125106, R125104, R125102, R125167, R125215, R125221, R125160, R125222, R125114, R125224, and R125220. A legend in the top left shows a red square for k2 and a blue square for k1. Below the plot, there are labels for R2X, R2Y, Q2Y, RMSEE, pre, and ort, each with a corresponding value.

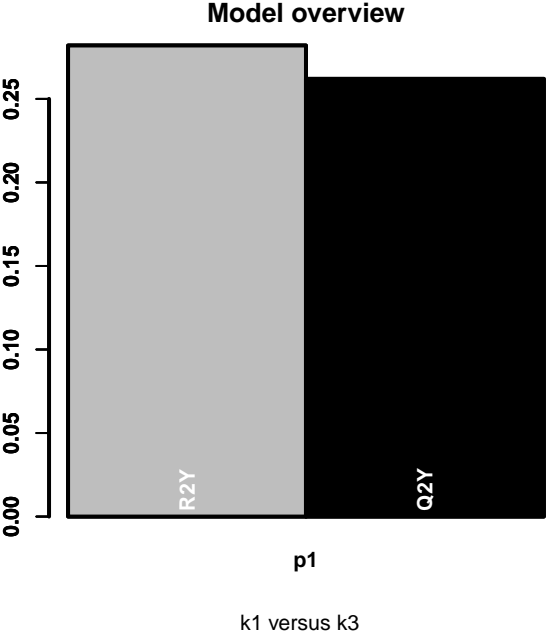
R2X	R2Y	Q2Y	RMSEE	pre	ort
0.901	0.788	0.747	0.216	1	1

Condition	R2Y	Q2Y
p1	0.50	0.48
o1	0.29	0.27

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 of the same feature with the target variable on the y-axis. The x-axis, labeled 'covariance(feature,t01)', ranges from -1e+10 to 1e+10. The y-axis, labeled 'correlation(feature,t01)', ranges from -1.0 to 1.0. Data points are labeled with IDs such as M222, M223, M224, M225, M226, M227, M228, M229, M230, M231, M232, M233, M234, M235, M236, M237, M238, M239, M240, M241, M242, M243, M244, M245, M246, M247, M248, M249, M250, M251, M252, M253, M254, M255, M256, M257, M258, M259, M260, M261, M262, M263, M264, M265, M266, M267, M268, M269, M270, M271, M272, M273, M274, M275, M276, M277, M278, M279, M280, M281, M282, M283, M284, M285, M286, M287, M288, M289, M290, M291, M292, M293, M294, M295, M296, M297, M298, M299, M300, M301, M302, M303, M304, M305, M306, M307, M308, M309, M310, M311, M312, M313, M314, M315, M316, M317, M318, M319, M320, M321, M322, M323, M324, M325, M326, M327, M328, M329, M330, M331, M332, M333, M334, M335, M336, M337, M338, M339, M340, M341, M342, M343, M344, M345, M346, M347, M348, M349, M350, M351, M352, M353, M354, M355, M356, M357, M358, M359, M360, M361, M362, M363, M364, M365, M366, M367, M368, M369, M370, M371, M372, M373, M374, M375, M376, M377, M378, M379, M380, M381, M382, M383, M384, M385, M386, M387, M388, M389, M390, M391, M392, M393, M394, M395, M396, M397, M398, M399, M400, M401, M402, M403, M404, M405, M406, M407, M408, M409, M410, M411, M412, M413, M414, M415, M416, M417, M418, M419, M420, M421, M422, M423, M424, M425, M426, M427, M428, M429, M430, M431, M432, M433, M434, M435, M436, M437, M438, M439, M440, M441, M442, M443, M444, M445, M446, M447, M448, M449, M450, M451, M452, M453, M454, M455, M456, M457, M458, M459, M460, M461, M462, M463, M464, M465, M466, M467, M468, M469, M470, M471, M472, M473, M474, M475, M476, M477, M478, M479, M480, M481, M482, M483, M484, M485, M486, M487, M488, M489, M490, M491, M492, M493, M494, M495, M496, M497, M498, M499, M500, M501, M502, M503, M504, M505, M506, M507, M508, M509, M510, M511, M512, M513, M514, M515, M516, M517, M518, M519, M520, M521, M522, M523, M524, M525, M526, M527, M528, M529, M530, M531, M532, M533, M534, M535, M536, M537, M538, M539, M540, M541, M542, M543, M544, M545, M546, M547, M548, M549, M550, M551, M552, M553, M554, M555, M556, M557, M558, M559, M560, M561, M562, M563, M564, M565, M566, M567, M568, M569, M570, M571, M572, M573, M574, M575, M576, M577, M578, M579, M580, M581, M582, M583, M584, M585, M586, M587, M588, M589, M590, M591, M592, M593, M594, M595, M596, M597, M598, M599, M600, M601, M602, M603, M604, M605, M606, M607, M608, M609, M610, M611, M612, M613, M614, M615, M616, M617, M618, M619, M620, M621, M622, M623, M624, M625, M626, M627, M628, M629, M630, M631, M632, M633, M634, M635, M636, M637, M638, M639, M640, M641, M642, M643, M644, M645, M646, M647, M648, M649, M650, M651, M652, M653, M654, M655, M656, M657, M658, M659, M660, M661, M662, M663, M664, M665, M666, M667, M668, M669, M670, M671, M672, M673, M674, M675, M676, M677, M678, M679, M680, M681, M682, M683, M684, M685, M686, M687, M688, M689, M690, M691, M692, M693, M694, M695, M696, M697, M698, M699, M700, M701, M702, M703, M704, M705, M706, M707, M708, M709, M710, M711, M712, M713, M714, M715, M716, M717, M718, M719, M720, M721, M722, M723, M724, M725, M726, M727, M728, M729, M730, M731, M732, M733, M734, M735, M736, M737, M738, M739, M740, M741, M742, M743, M744, M745, M746, M747, M748, M749, M750, M751, M752, M753, M754, M755, M756, M757, M758, M759, M760, M761, M762, M763, M764, M765, M766, M767, M768, M769, M770, M771, M772, M773, M774, M775, M776, M777, M778, M779, M780, M781, M782, M783, M784, M785, M786, M787, M788, M789, M790, M791, M792, M793, M794, M795, M796, M797, M798, M799, M800, M801, M802, M803, M804, M805, M806, M807, M808, M809, M810, M811, M812, M813, M814, M815, M816, M817, M818, M819, M820, M821, M822, M823, M824, M825, M826, M827, M828, M829, M830, M831, M832, M833, M834, M835, M836, M837, M838, M839, M840, M841, M842, M843, M844, M845, M846, M847, M848, M849, M850, M851, M852, M853, M854, M855, M856, M857, M858, M859, M860, M861, M862, M863, M864, M865, M866, M867, M868, M869, M870, M871, M872, M873, M874, M875, M876, M877, M878, M879, M880, M881, M882, M883, M884, M885, M886, M887, M888, M889, M890, M891, M892, M893, M894, M895, M896, M897, M898, M899, M900, M901, M902, M903, M904, M905, M906, M907, M908, M909, M910, M911, M912, M913, M914, M915, M916, M917, M918, M919, M920, M921, M922, M923, M924, M925, M926, M927, M928, M929, M930, M931, M932, M933, M934, M935, M936, M937, M938, M939, M940, M941, M942, M943, M944, M945, M946, M947, M948, M949, M950, M951, M952, M953, M954, M955, M956, M957, M958, M959, M960, M961, M962, M963, M964, M965, M966, M967, M968, M969, M970, M971, M972, M973, M974, M975, M976, M977, M978, M979, M980, M981, M982, M983, M984, M985, M986, M987, M988, M989, M990, M991, M992, M993, M994, M995, M996, M997, M998, M999, M1000. The points are clustered into two main groups: one with negative covariance and high positive correlation, and another with positive covariance and low correlation. A dense cluster of points is visible near the origin (0,0).

too few covariance data

no orthogonal projection is possible



no orthogonal projection is possible

