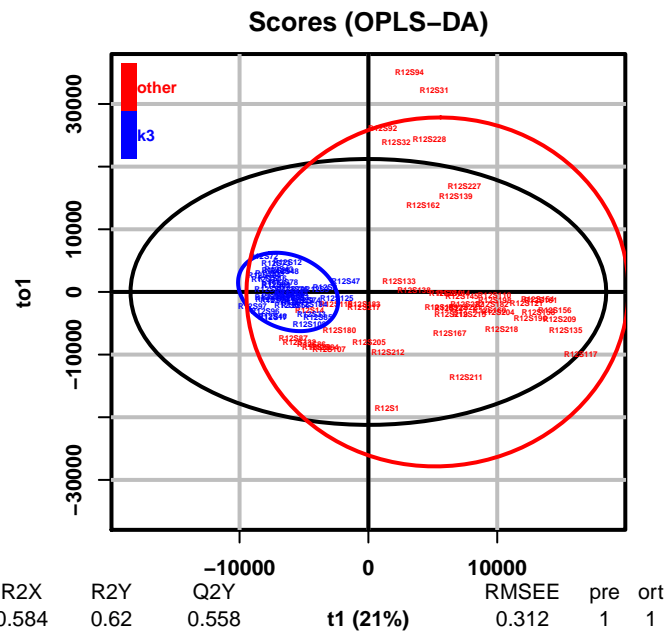


A scatter plot showing the relationship between the relative covariance of a feature with target t_1 (x-axis) and the correlation of that feature with t_1 (y-axis). The x-axis ranges from -1.5 to 1.5, and the y-axis ranges from -1.0 to 1.0. The plot is divided into three regions: 'k3' (blue text, bottom-left), 'other' (red text, right), and a diagonal line of points (top-right). The diagonal line contains points labeled with IDs: M223, 09727302; M201, 2061219; M211, 07671476; M210, 07673067; and M208, 07687883. A cluster of red points is located in the upper right quadrant, and a cluster of grey points is located in the lower right quadrant.

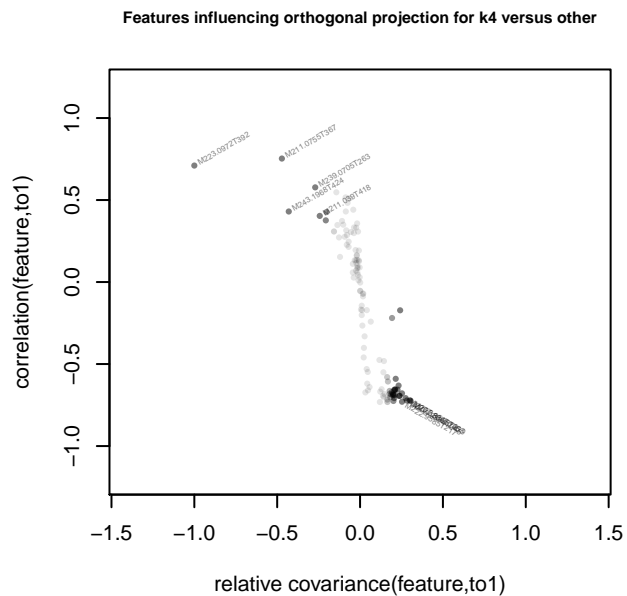
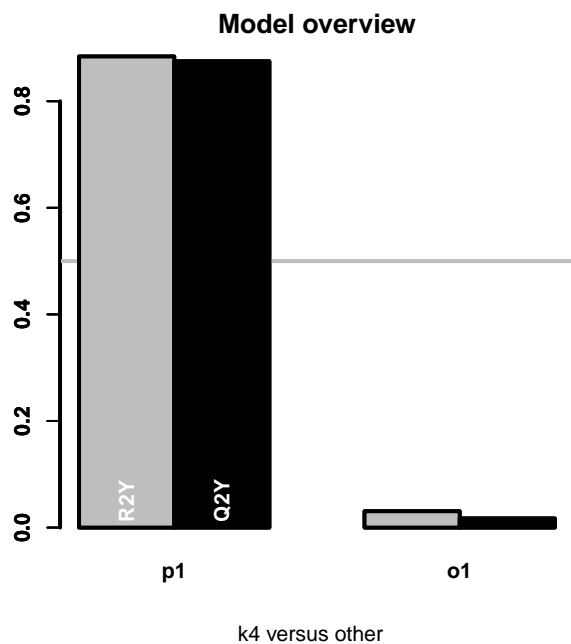
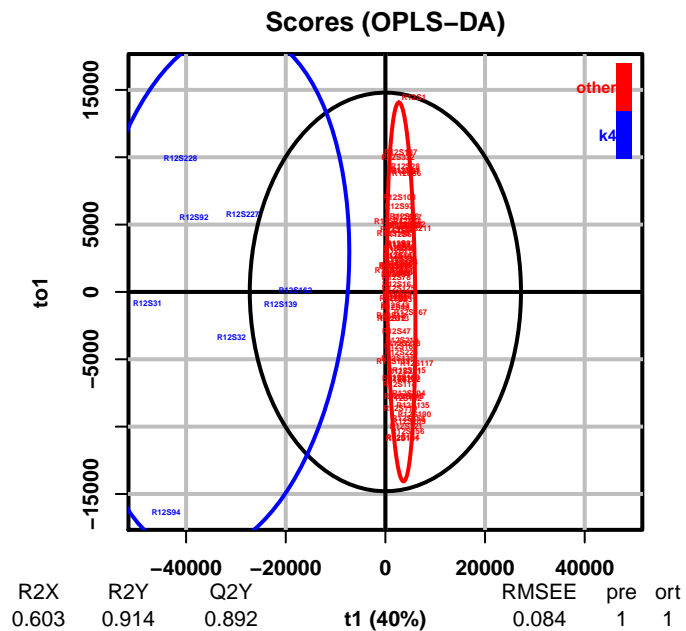
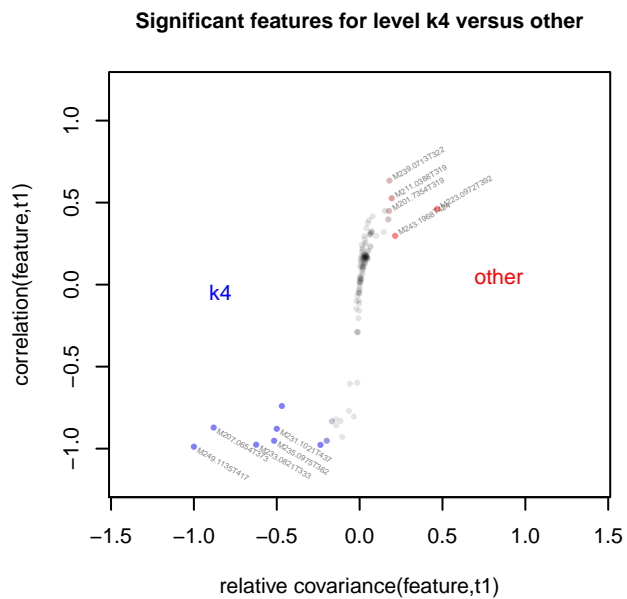


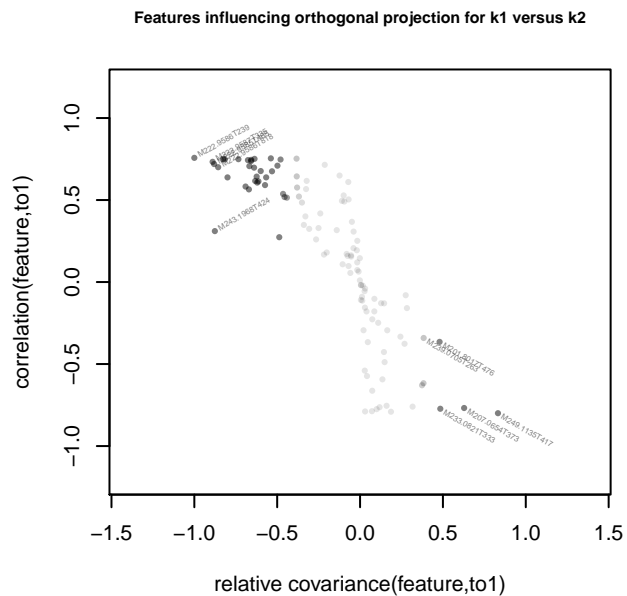
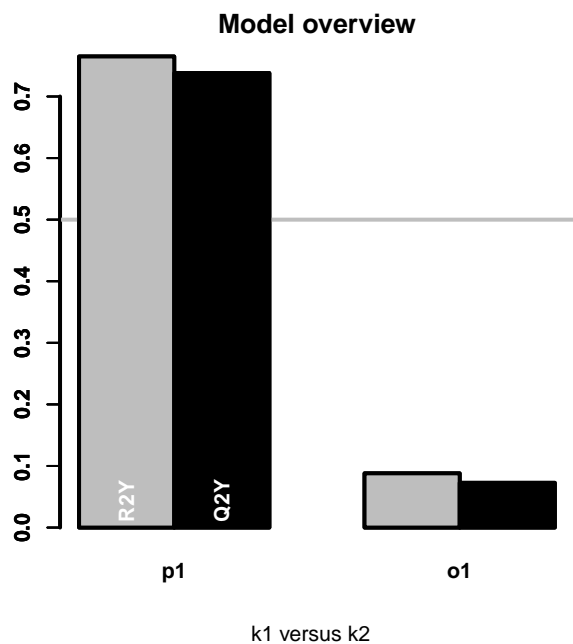
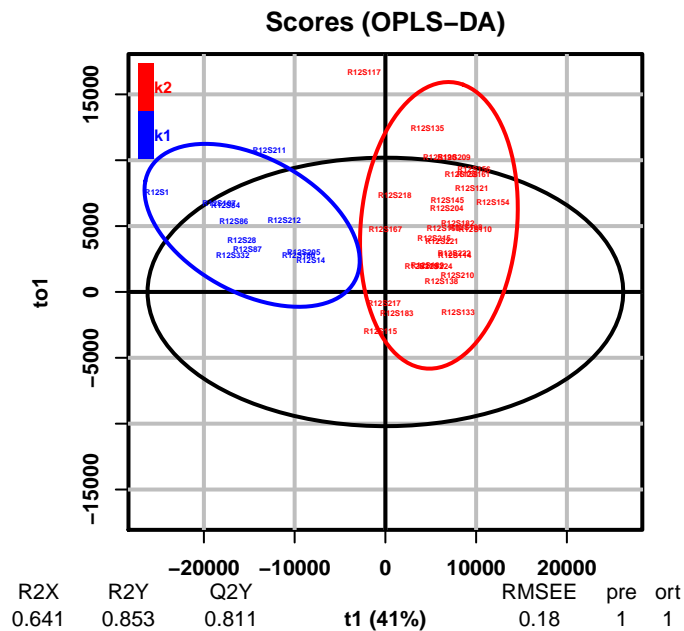
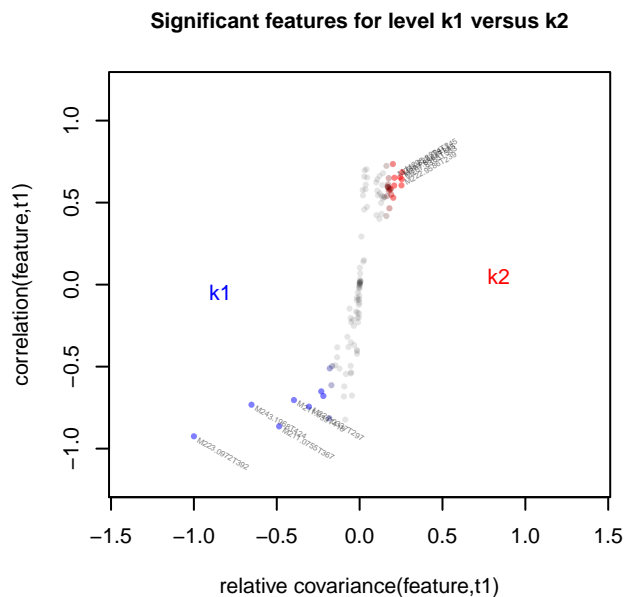
A bar chart with two groups on the x-axis: 'p1' and 'o1'. The y-axis represents proportions from 0.0 to 0.4. For 'p1', the 'R2Y' bar (light gray) is at approximately 0.44 and the 'Q2Y' bar (black) is at approximately 0.42. For 'o1', the 'R2Y' bar is at approximately 0.18 and the 'Q2Y' bar is at approximately 0.14.

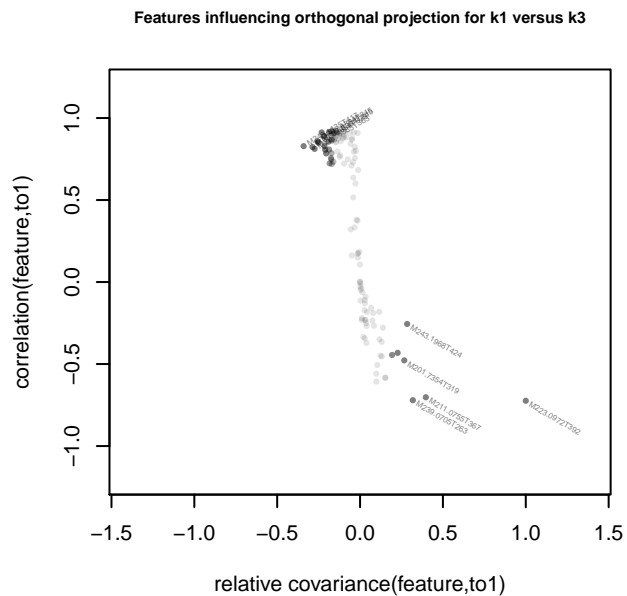
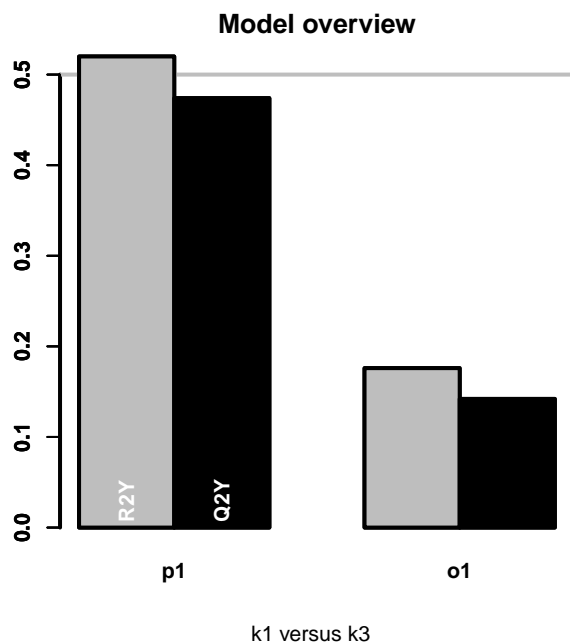
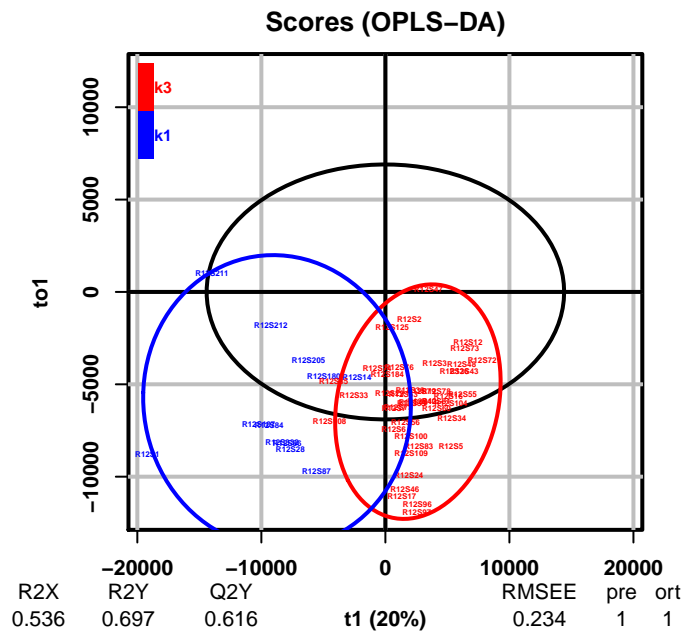
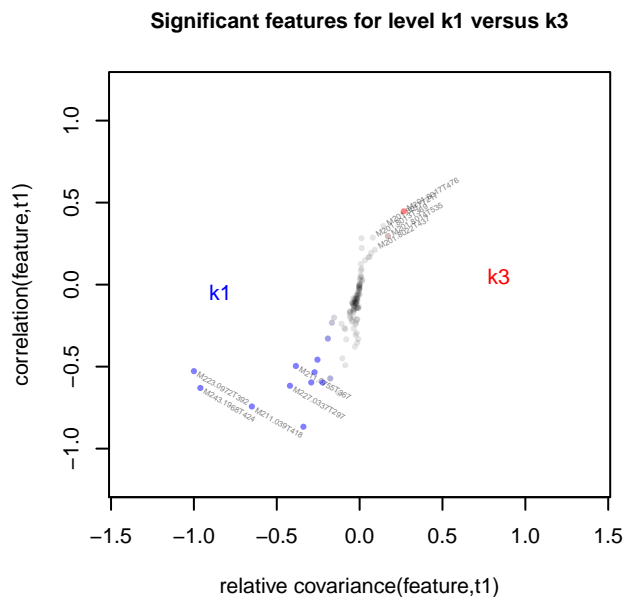
Category	R2Y	Q2Y
p1	~0.44	~0.42
o1	~0.18	~0.14

A scatter plot showing the relationship between the correlation of a feature with 'to1' (y-axis) and the relative covariance of a feature with 'to1' (x-axis). The y-axis ranges from -1.0 to 1.0, and the x-axis ranges from -1.5 to 1.5. The data points are labeled with feature IDs. The plot shows a clear negative correlation, with features having high relative covariance (positive x-values) generally having low or negative correlation (negative y-values), and vice versa.

Feature ID	relative covariance(feature, to1)	correlation(feature, to1)
M008, 11367417	-1.0	0.9
M007, 09647373	-0.9	0.85
M023, 08217303	-0.6	0.85
M028, 09797362	-0.5	0.8
M049, 11367367	-0.4	0.75
M045, 16887604	0.4	-0.5
M037, 08297416	0.3	-0.55
M023, 09727362	0.8	-0.6
M038, 07137322	0.3	-0.8







Scatter plot showing the relationship between $\text{correlation}(\text{feature}, t1)$ (Y-axis) and $\text{relative covariance}(\text{feature}, t1)$ (X-axis) for feature $t1$. The plot displays three distinct clusters of data points, labeled $k2$ (blue) and $k3$ (red), separated by a grey line. The grey line represents the decision boundary between the two clusters.

The X-axis ranges from -1.5 to 1.5, and the Y-axis ranges from -1.0 to 1.0. The blue cluster ($k2$) is located in the lower-left region, while the red cluster ($k3$) is located in the upper-right region. The grey line separates the two clusters, indicating a non-linear relationship between the features.

	R2X	R2Y	Q2Y	RMSEE	pre	ort
t1 (41%)	0.543	0.911	0.886	0.15	1	1
t2 (14%)						

Allele	R2Y	Q2Y
p1	~0.8	~0.8
o1	~0.1	~0.1

A scatter plot showing the relationship between the relative covariance of a feature with respect to target $to1$ (x-axis) and the correlation of the feature with $to1$ (y-axis). The x-axis is labeled 'relative covariance(feature, to1)' and ranges from -1.5 to 1.5. The y-axis is labeled 'correlation(feature, to1)' and ranges from -1.0 to 1.0. The plot contains approximately 1000 data points, mostly clustered near the origin. Several points are labeled with IDs: M225, M201, M210, M202, M203, M204, M205, M206, M207, M208, M209, M211, M212, M213, M214, M215, M216, M217, M218, M219, M220, M221, M222, M223, M224, 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

R2X 0.748 R2Y 0.899 Q2Y 0.882 t1 (52%) RMSEE 0.135 pre 1 ort 1

A bar chart with two groups on the x-axis: p1 and o1. The y-axis represents proportions from 0.0 to 0.8. For p1, the R2Y bar (light gray) is at approximately 0.85 and the Q2Y bar (black) is at approximately 0.84. For o1, the R2Y bar is at approximately 0.04 and the Q2Y bar is at approximately 0.04. A horizontal gray line is drawn at y = 0.5.

Group	R2Y	Q2Y
p1	~0.85	~0.84
o1	~0.04	~0.04

