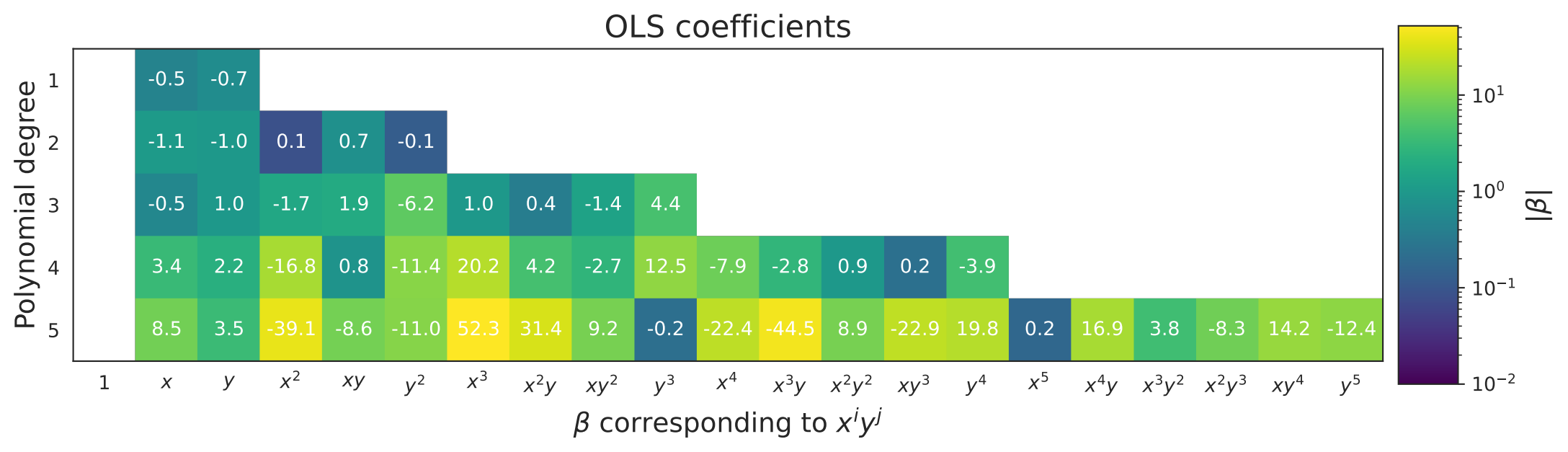
OLS coefficients
Polynomial degree
1
2
3
4
5
-0.5 -0.7
-1.1 -1.0 0.1 0.7 -0.1
-0.5 1.0 -1.7 1.9 -6.2 1.0 0.4 -1.4 4.4
3.4 2.2 -16.8 0.8 -11.4 20.2 4.2 -2.7 12.5 -7.9 -2.8 0.9 0.2 -3.9
8.5 3.5 -39.1 -8.6 -11.0 52.3 31.4 9.2 -0.2 -22.4 -44.5 8.9 -22.9 19.8 0.2 16.9 3.8 -8.3 14.2 -12.4
1 x y x² xy y² x³ x²y xy² y³ x⁴ x³y x²y² xy³ y⁴ x⁵ x⁴y x³y² x²y³ xy⁴ y⁵
β corresponding to $x^i y^j$
10^1
10^0
10^{-1}
10^{-2}
$|\beta|$