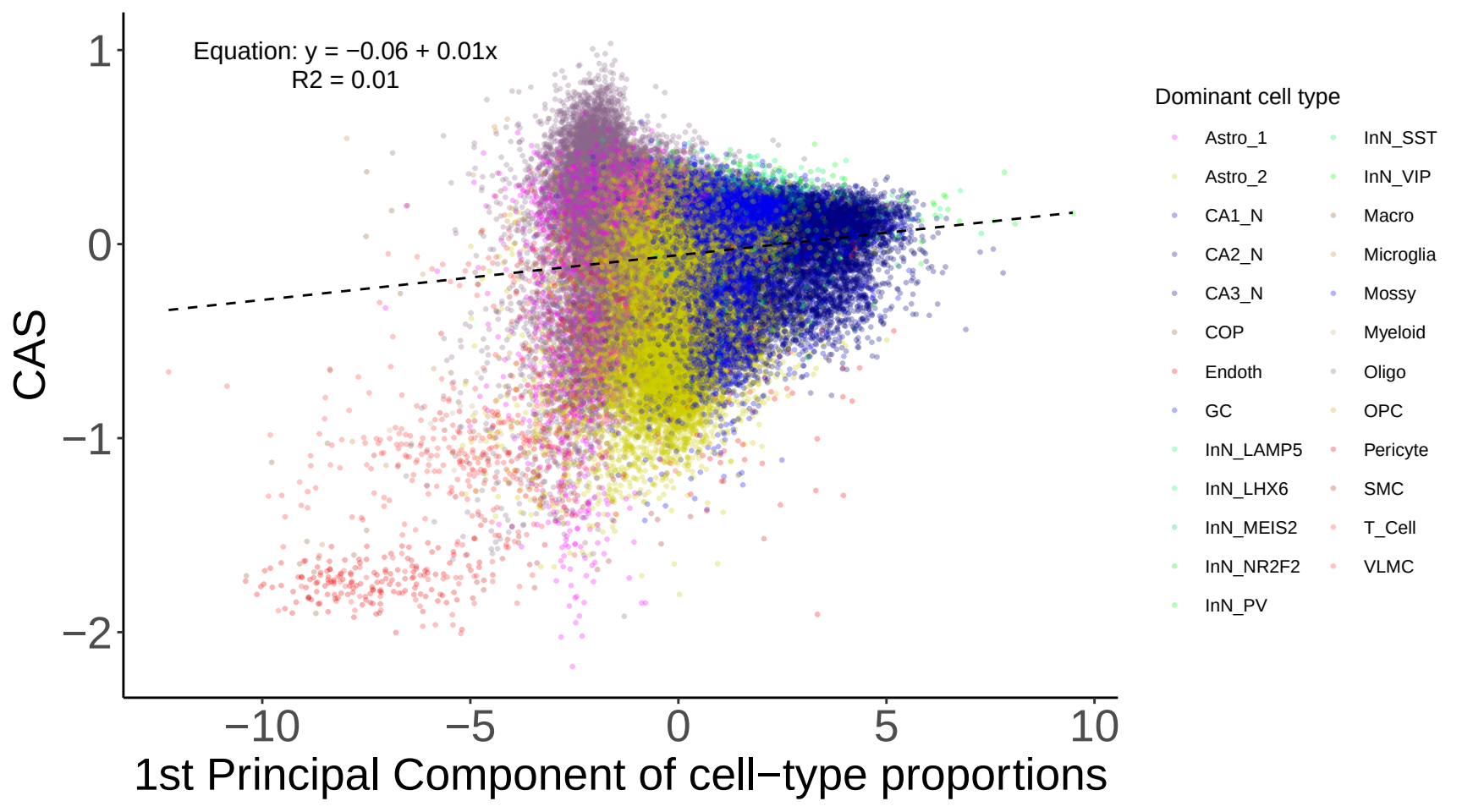
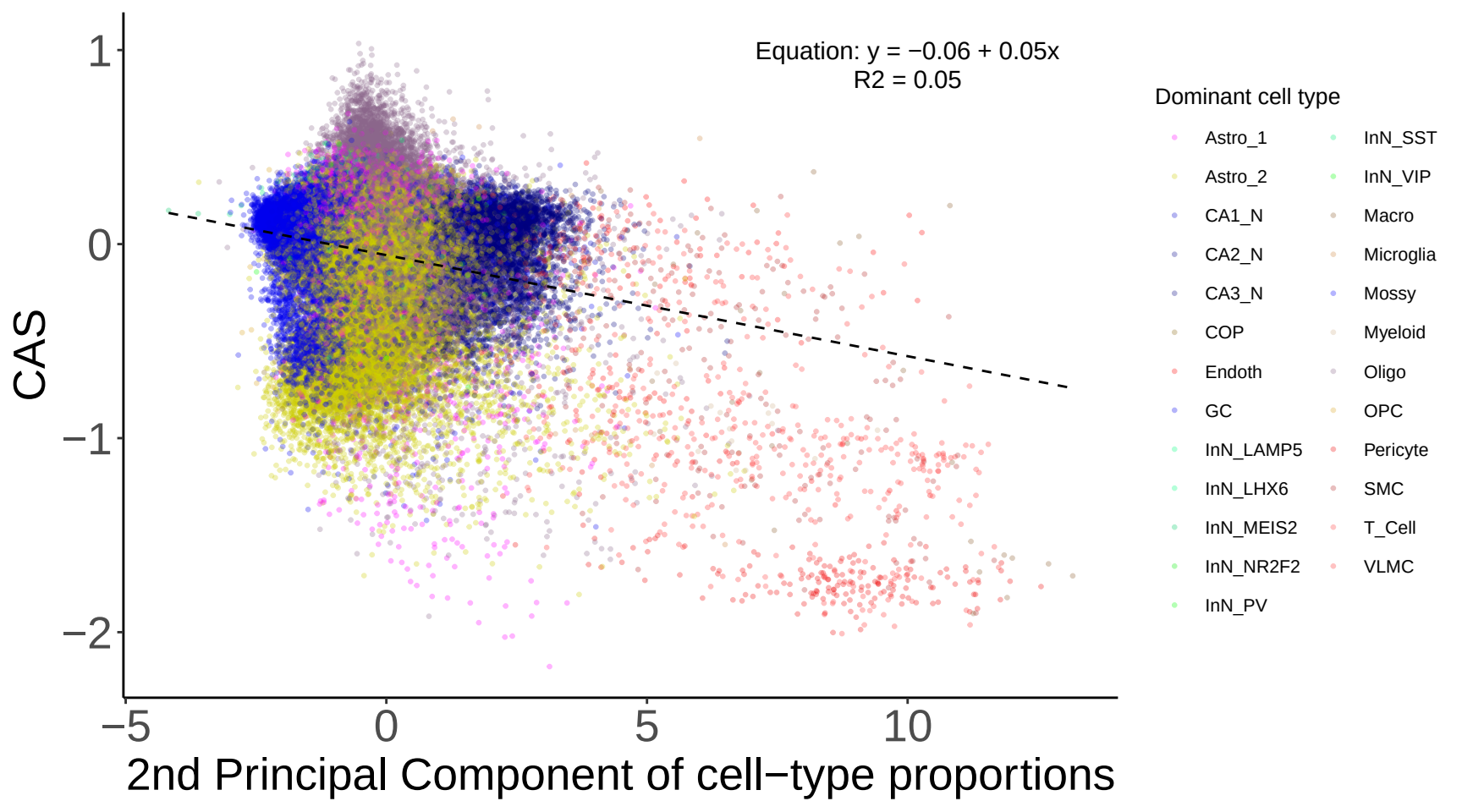
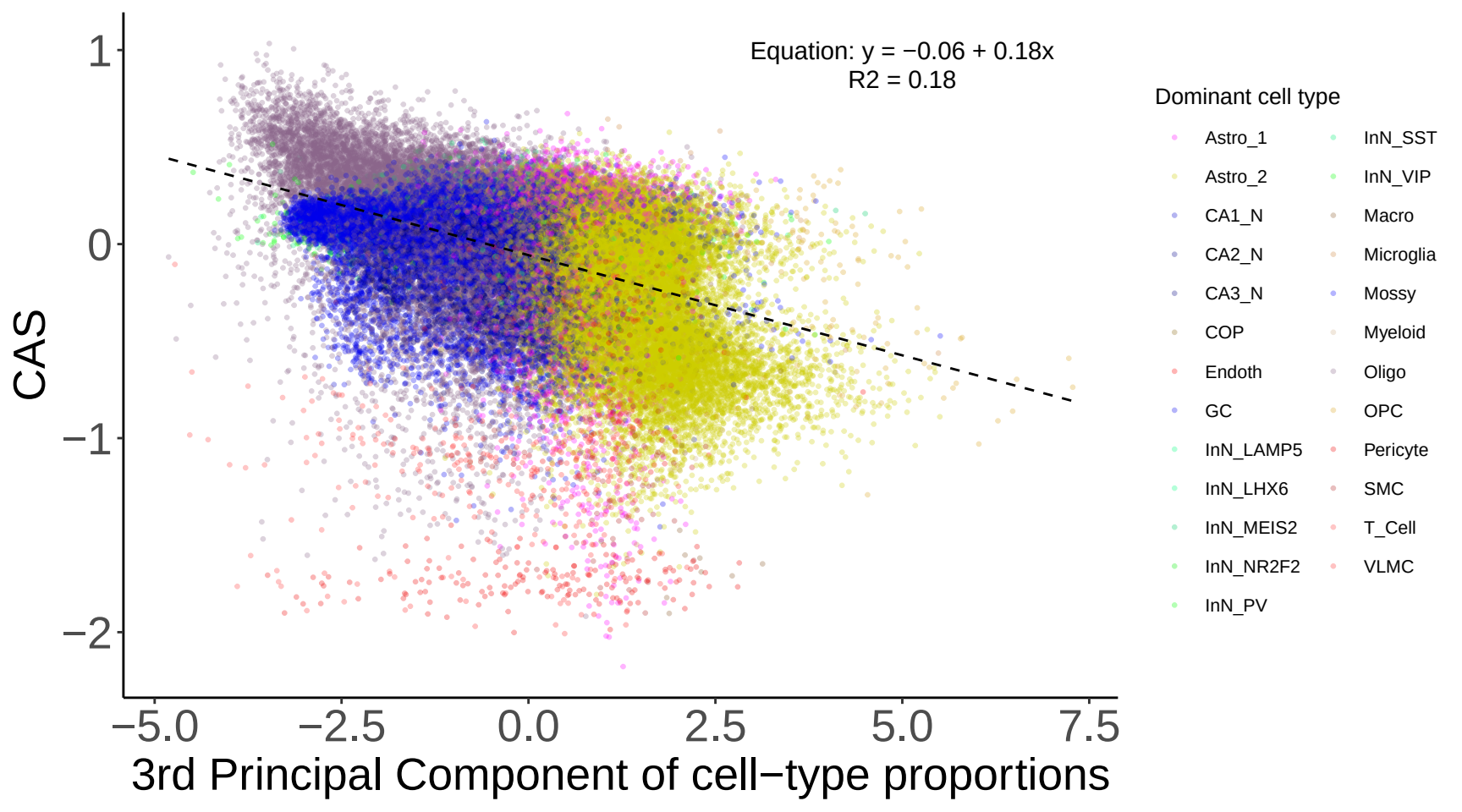
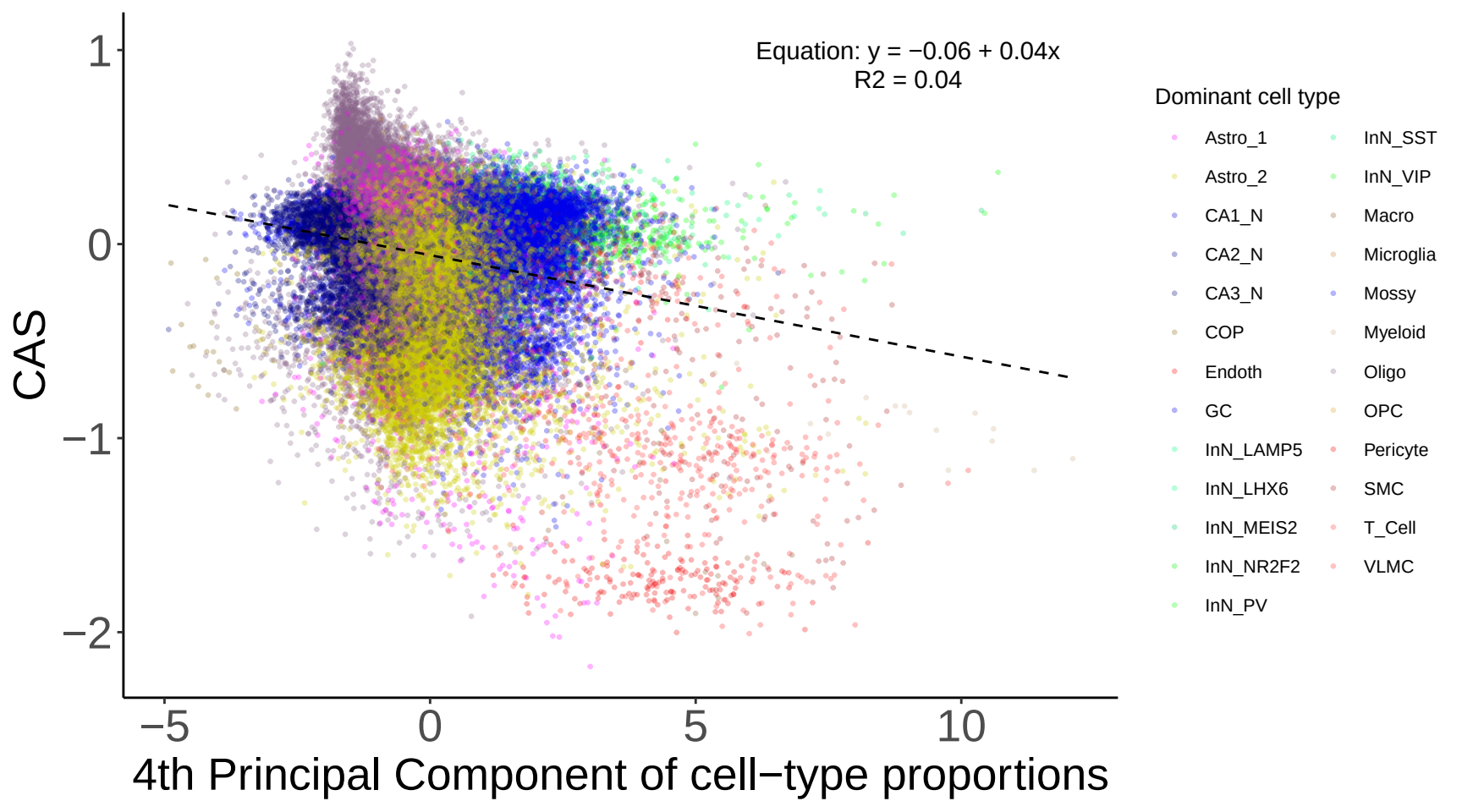

Equation: y = −0.06 + 0.01x
R2 = 0.01
CAS
1
0
−1
−2
−10
−5
0
5
10
1st Principal Component of cell−type proportions
Dominant cell type
Astro_1
Astro_2
CA1_N
CA2_N
CA3_N
COP
Endoth
GC
InN_LAMP5
InN_LHX6
InN_MEIS2
InN_NR2F2
InN_PV
InN_SST
InN_VIP
Macro
Microglia
Mossy
Myeloid
Oligo
OPC
Pericyte
SMC
T_Cell
VLMC


Equation: y = −0.06 + 0.05x
R2 = 0.05
CAS
1
0
−1
−2
−5
0
5
10
2nd Principal Component of cell−type proportions
Dominant cell type
Astro_1
Astro_2
CA1_N
CA2_N
CA3_N
COP
Endoth
GC
InN_LAMP5
InN_LHX6
InN_MEIS2
InN_NR2F2
InN_PV
InN_SST
InN_VIP
Macro
Microglia
Mossy
Myeloid
Oligo
OPC
Pericyte
SMC
T_Cell
VLMC


Equation: y = −0.06 + 0.18x
R2 = 0.18
CAS
1
0
−1
−2
−5.0
−2.5
0.0
2.5
5.0
7.5
3rd Principal Component of cell−type proportions
Dominant cell type
Astro_1
Astro_2
CA1_N
CA2_N
CA3_N
COP
Endoth
GC
InN_LAMP5
InN_LHX6
InN_MEIS2
InN_NR2F2
InN_PV
InN_SST
InN_VIP
Macro
Microglia
Mossy
Myeloid
Oligo
OPC
Pericyte
SMC
T_Cell
VLMC


Equation: y = −0.06 + 0.04x
R2 = 0.04
CAS
1
0
−1
−2
−5
0
5
10
4th Principal Component of cell−type proportions
Dominant cell type
Astro_1
Astro_2
CA1_N
CA2_N
CA3_N
COP
Endoth
GC
InN_LAMP5
InN_LHX6
InN_MEIS2
InN_NR2F2
InN_PV
InN_SST
InN_VIP
Macro
Microglia
Mossy
Myeloid
Oligo
OPC
Pericyte
SMC
T_Cell
VLMC