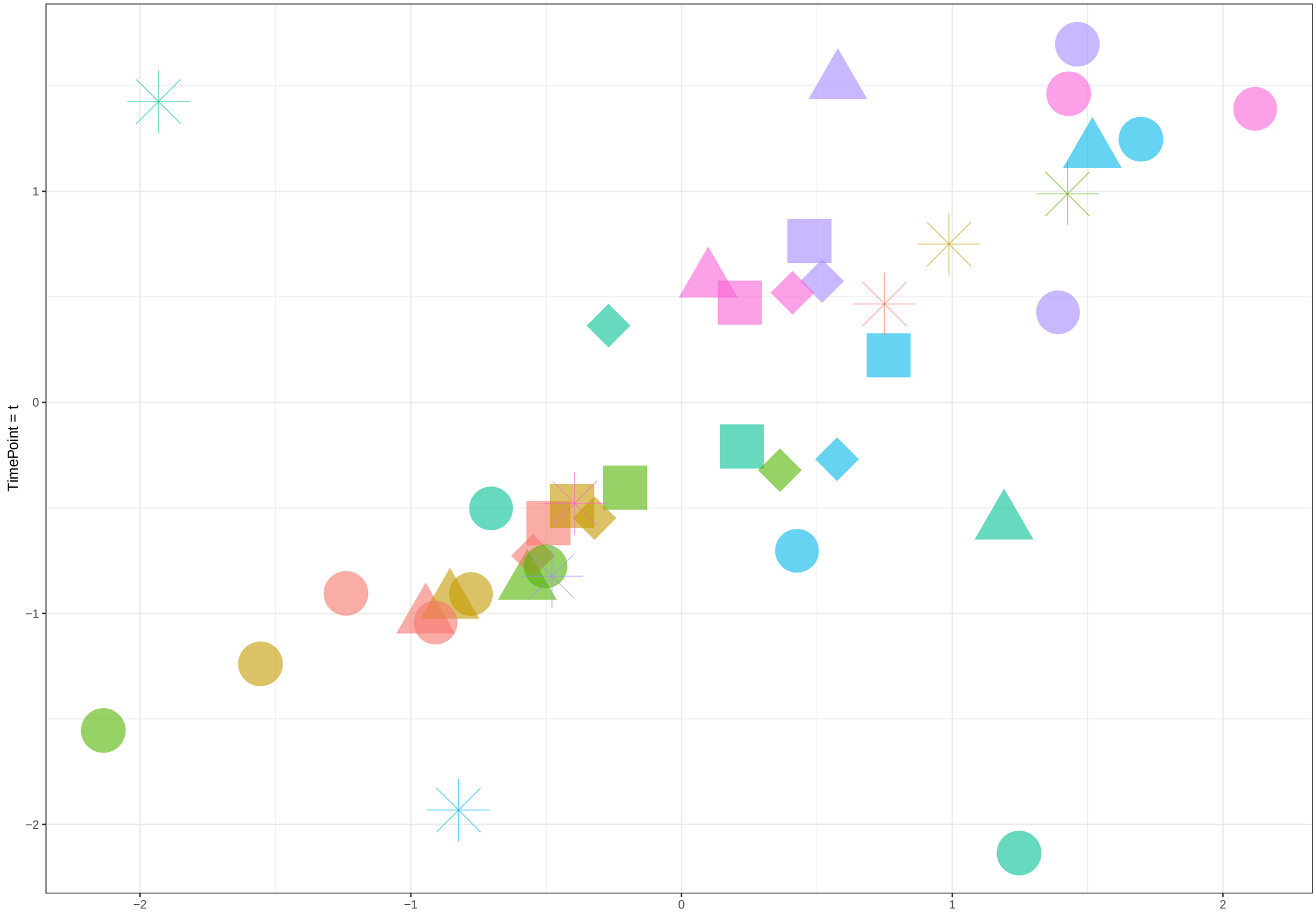
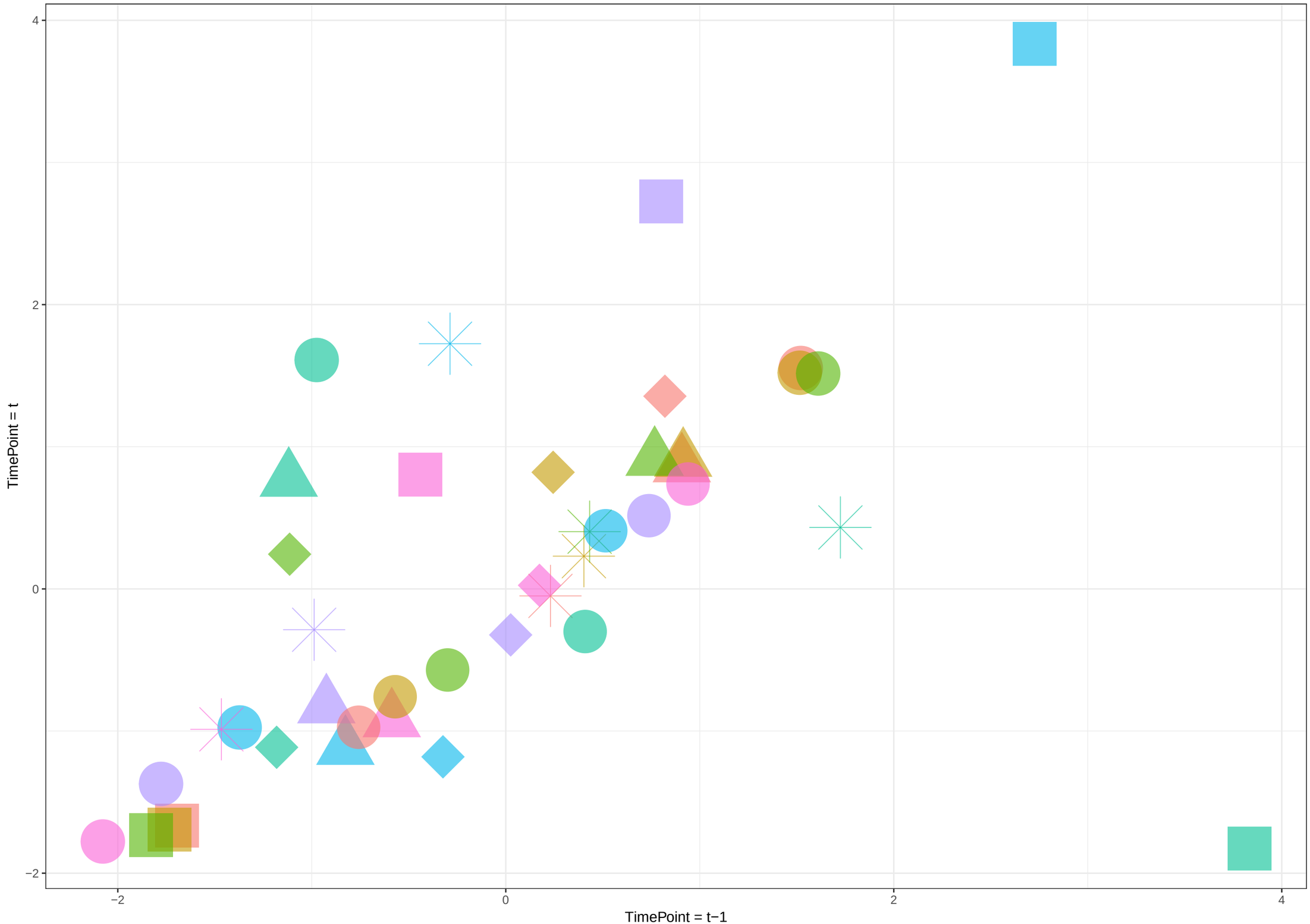
SimNo.1 [Spearman's r(intertemporal)=0.3(observed)]



timepoint
timepoint # 2
timepoint # 3
timepoint # 4
timepoint # 5
timepoint # 6
timepoint # 7
timepoint # 8

gene
ENSG00000099812_prt
ENSG00000099812_trc
ENSG00000111057_prt
ENSG00000111057_trc
ENSG00000186831_prt
ENSG00000186831_trc

SimNo.10 [Spearman's r(intertemporal)=−0.01(observed)]



timepoint
- timepoint # 2
- timepoint # 3
- timepoint # 4
- timepoint # 5
- timepoint # 6
- timepoint # 7
- timepoint # 8

gene
- ENSG00000099812_prt
- ENSG00000099812_trc
- ENSG00000111057_prt
- ENSG00000111057_trc
- ENSG00000186831_prt
- ENSG00000186831_trc

SimNo.2 [Spearman's r(intertemporal)=−0.06(observed)]

TimePoint = t

TimePoint = t−1

timepoint

timepoint # 2

timepoint # 3

timepoint # 4

timepoint # 5

timepoint # 6

timepoint # 7

timepoint # 8

gene

ENSG00000099812_prt

ENSG00000099812_trc

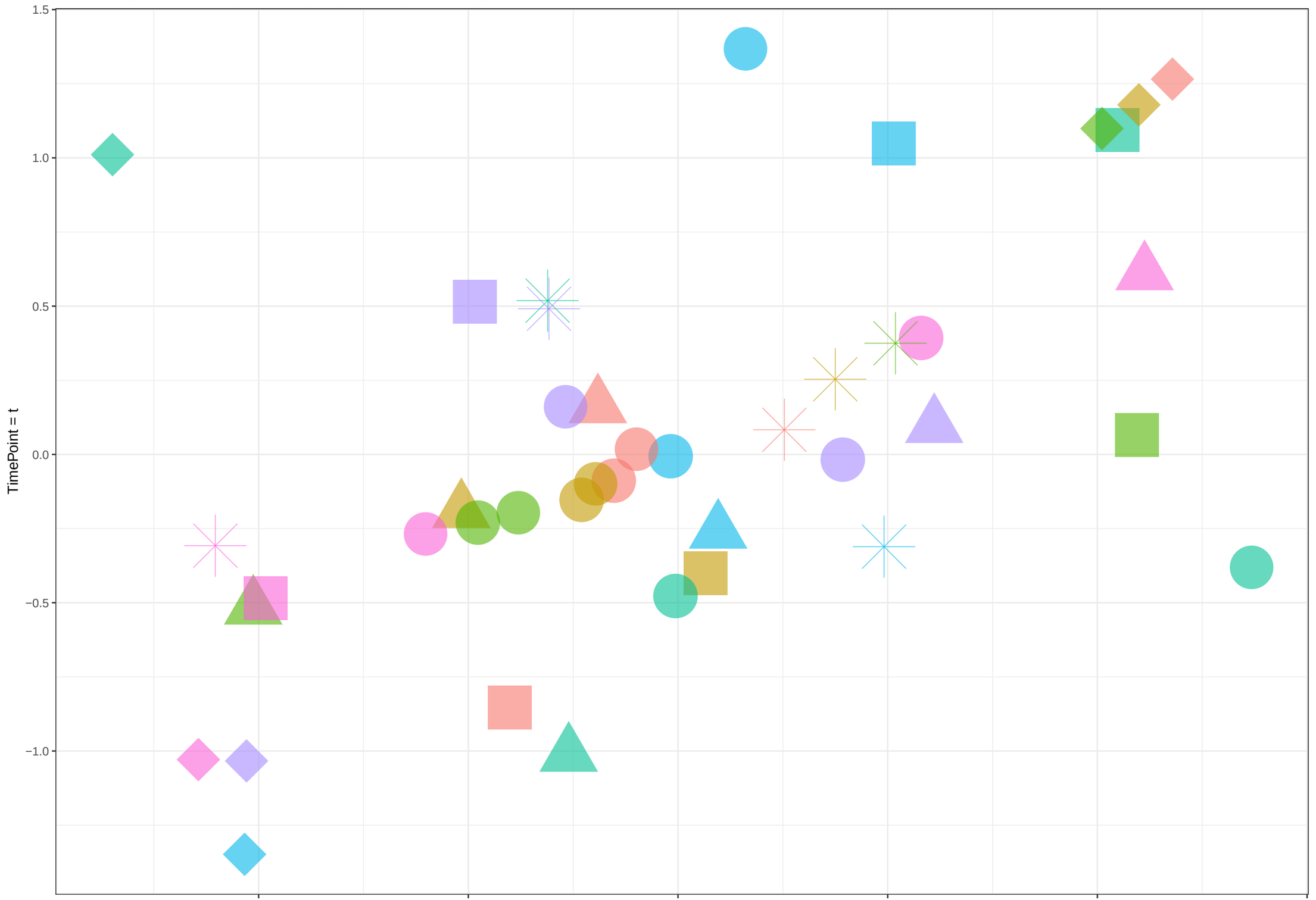
ENSG00000111057_prt

ENSG00000111057_trc

ENSG00000186831_prt

ENSG00000186831_trc

SimNo.3 [Spearman's r(intertemporal)=−0.12(observed)]



timepoint

- timepoint # 2
- timepoint # 3
- timepoint # 4
- timepoint # 5
- timepoint # 6
- timepoint # 7
- timepoint # 8

gene

- ENSG00000099812_prt
- ENSG00000099812_trc
- ENSG00000111057_prt
- ENSG00000111057_trc
- ENSG00000186831_prt
- ENSG00000186831_trc

SimNo.4 [Spearman's r(intertemporal)=−0.24(observed)]

TimePoint = t

1

0

−1

−1

0

1

TimePoint = t−1

timepoint

timepoint # 2

timepoint # 3

timepoint # 4

timepoint # 5

timepoint # 6

timepoint # 7

timepoint # 8

gene

ENSG00000099812_prt

ENSG00000099812_trc

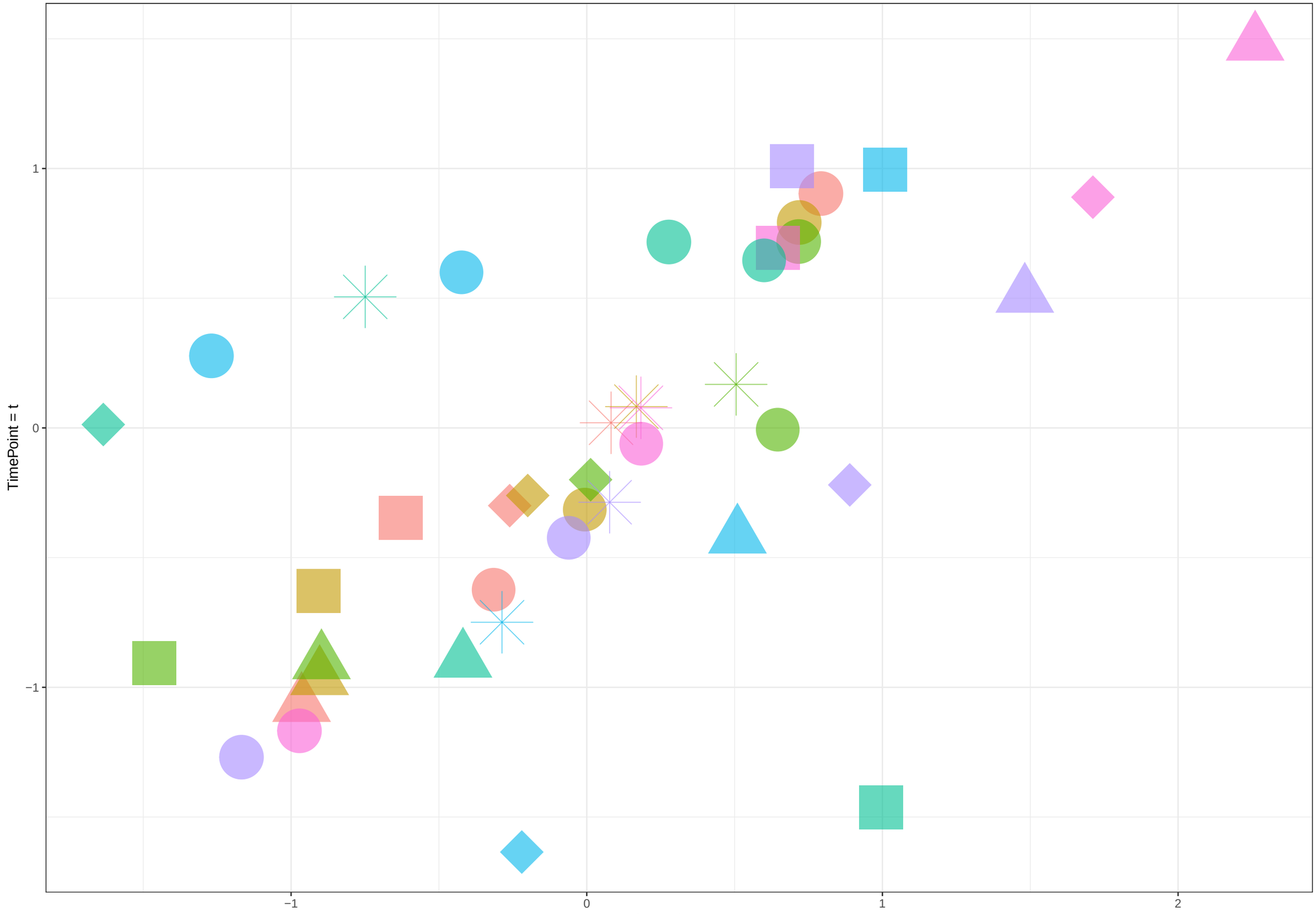
ENSG00000111057_prt

ENSG00000111057_trc

ENSG00000186831_prt

ENSG00000186831_trc

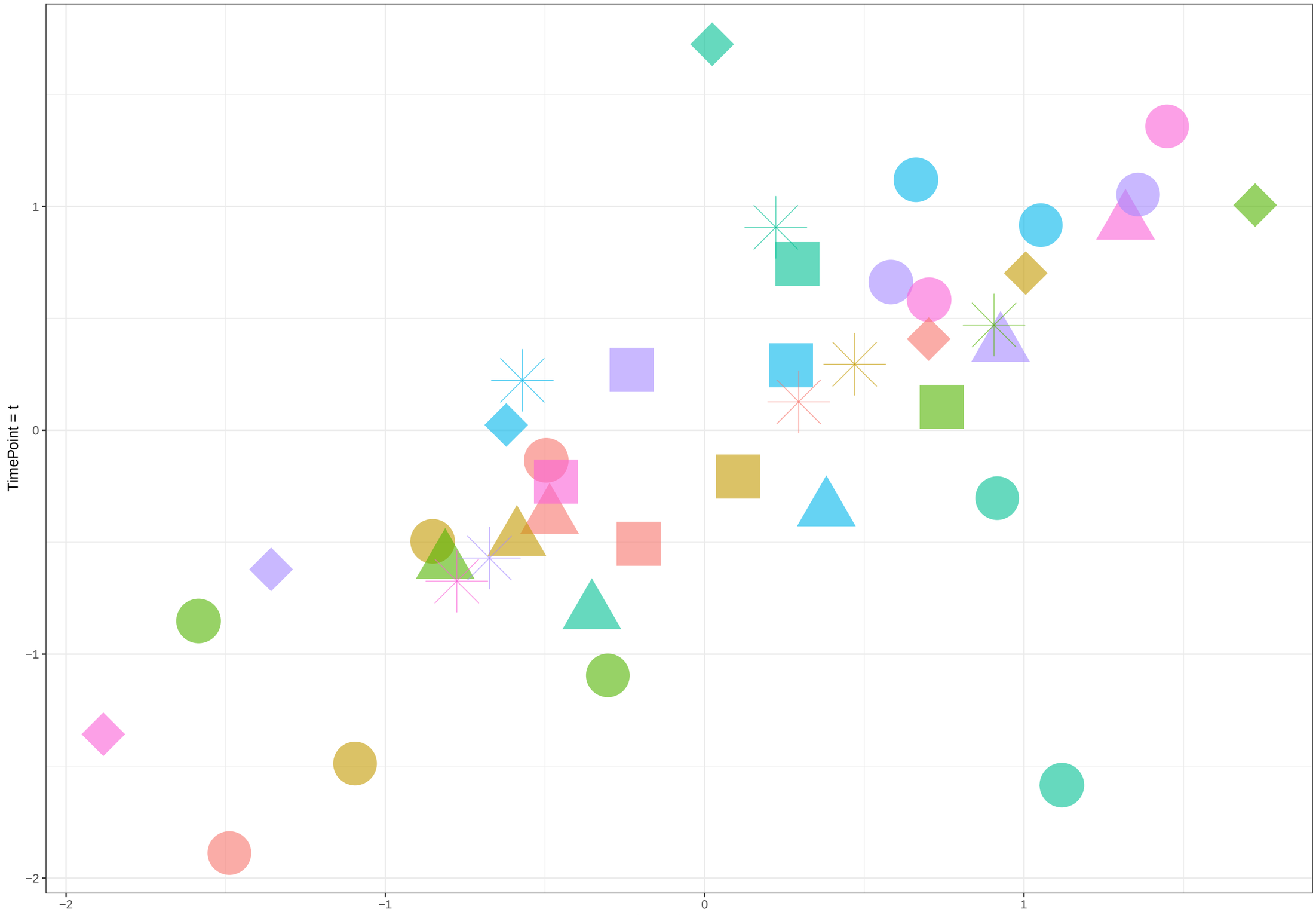
SimNo.5 [Spearman's r(intertemporal)=−0.31(observed)]



timepoint
- timepoint # 2
- timepoint # 3
- timepoint # 4
- timepoint # 5
- timepoint # 6
- timepoint # 7
- timepoint # 8

gene
- ENSG00000099812_prt
- ENSG00000099812_trc
- ENSG00000111057_prt
- ENSG00000111057_trc
- ENSG00000186831_prt
- ENSG00000186831_trc

SimNo.6 [Spearman's r(intertemporal)=0.08(observed)]



timepoint

- timepoint # 2
- timepoint # 3
- timepoint # 4
- timepoint # 5
- timepoint # 6
- timepoint # 7
- timepoint # 8

gene

- ENSG00000099812_prt
- ENSG00000099812_trc
- ENSG00000111057_prt
- ENSG00000111057_trc
- ENSG00000186831_prt
- ENSG00000186831_trc

SimNo.7 [Spearman's r(intertemporal)=0.28(observed)]

TimePoint = t

TimePoint = t−1

1.5
1.0
0.5
0.0
−0.5
−1.0

−1.0
−0.5
0.0
0.5
1.0
1.5

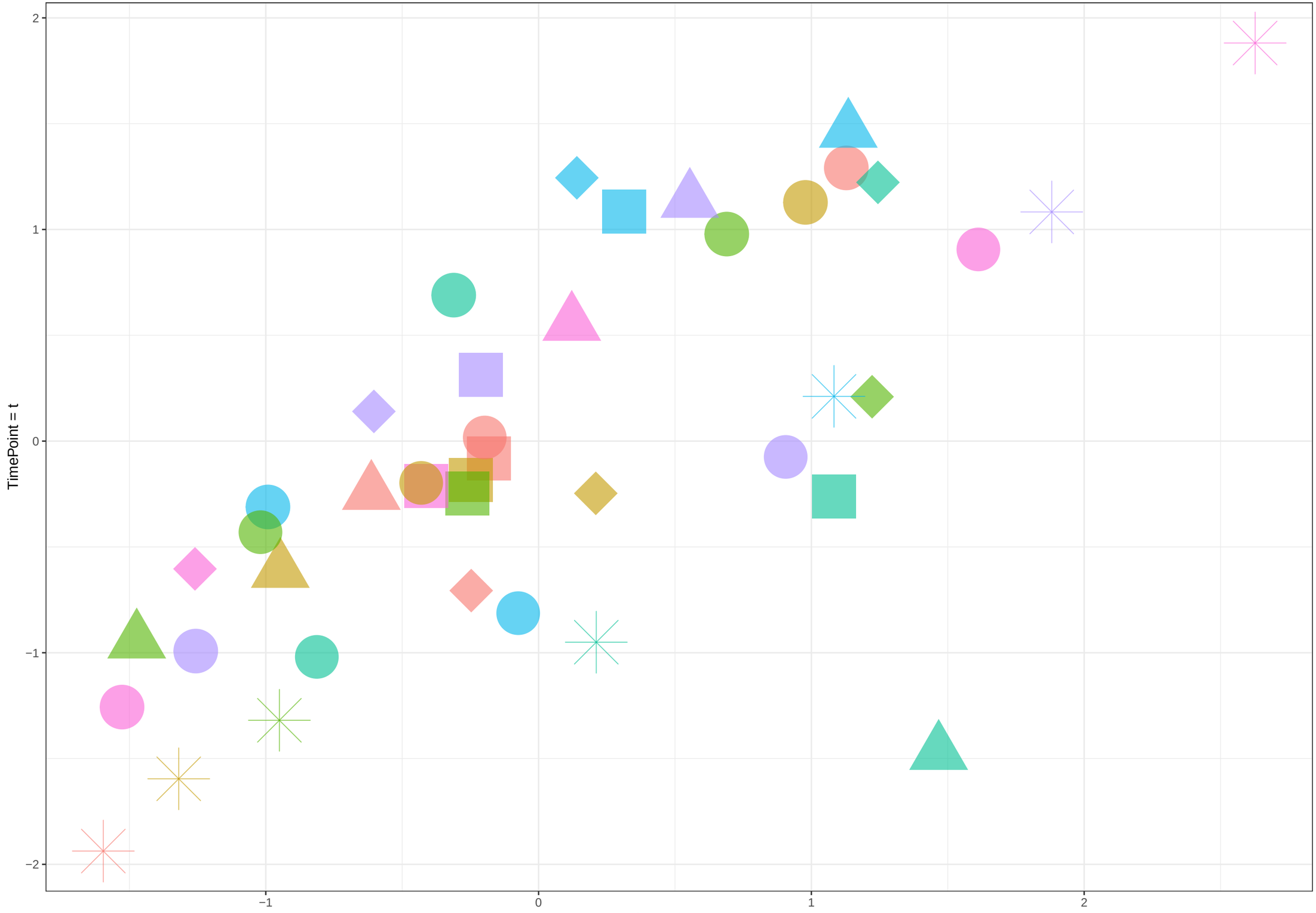
timepoint

timepoint # 2
timepoint # 3
timepoint # 4
timepoint # 5
timepoint # 6
timepoint # 7
timepoint # 8

gene

ENSG00000099812_prt
ENSG00000099812_trc
ENSG00000111057_prt
ENSG00000111057_trc
ENSG00000186831_prt
ENSG00000186831_trc

SimNo.8 [Spearman's r(intertemporal)=0.15(observed)]



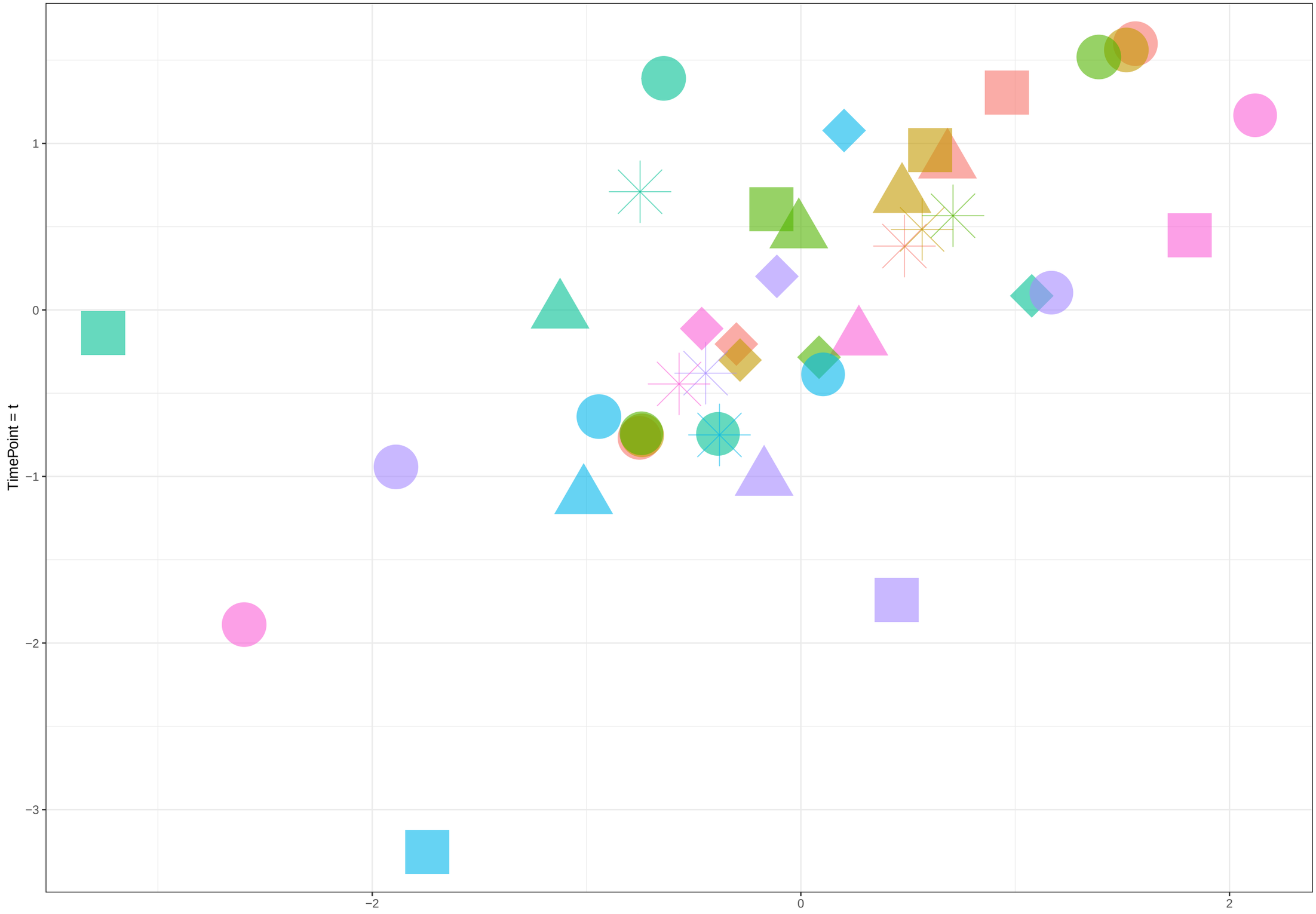
timepoint

- timepoint # 2
- timepoint # 3
- timepoint # 4
- timepoint # 5
- timepoint # 6
- timepoint # 7
- timepoint # 8

gene

- ENSG00000099812_prt
- ENSG00000099812_trc
- ENSG00000111057_prt
- ENSG00000111057_trc
- ENSG00000186831_prt
- ENSG00000186831_trc

SimNo.9 [Spearman's r(intertemporal)=−0.02(observed)]



timepoint

- timepoint # 2
- timepoint # 3
- timepoint # 4
- timepoint # 5
- timepoint # 6
- timepoint # 7
- timepoint # 8

gene

- ENSG00000099812_prt
- ENSG00000099812_trc
- ENSG00000111057_prt
- ENSG00000111057_trc
- ENSG00000186831_prt
- ENSG00000186831_trc