```
Summary Table File:  LimSC25.taxa.genus.NoControls.N500.summary_table.tsv
Factor File:  0137_Lim_Metadata_20171019.tsv
Output File Root:  sickle.genus.euc

Distance Metric: euc

Summary Table:
      Num Samples: 49
   Num Categories: 199

Factor Table:
      Num Samples: 58
      Num Factors: 27

Shared Samples: 49

Samples exclusive to Summary Table:
character(0)

Samples exclusive to Factor Table:
[1] "0137.BC000299.01.ST"    "0137.10022176929.01.ST" "0000.0385.20170823"
[4] "0000.0386.20170824"     "0000.0387.20170825"     "0000.0388.20170828"
[7] "0000.0389.Ext.N"        "0001.0390.20170913"     "0002.0391.20170913"
```
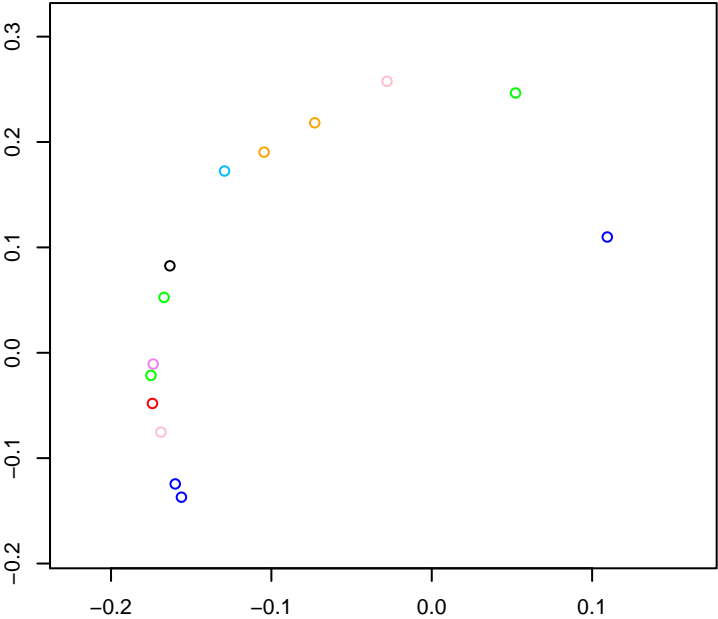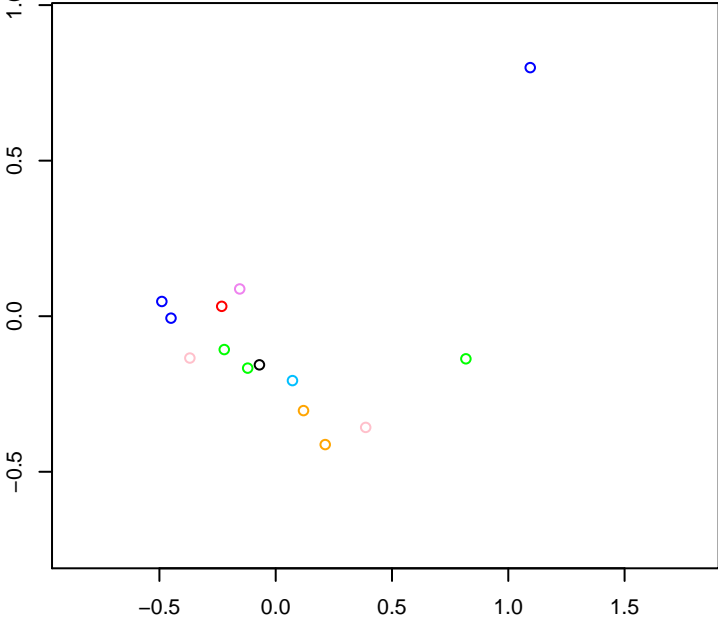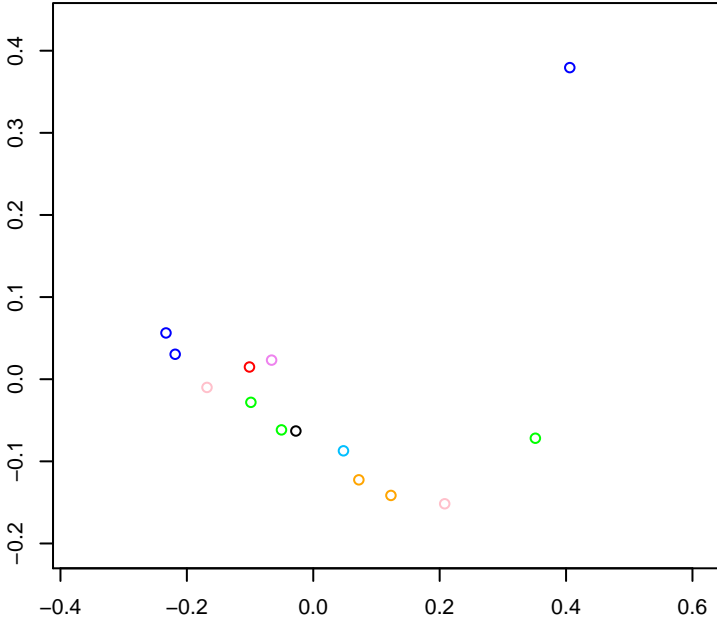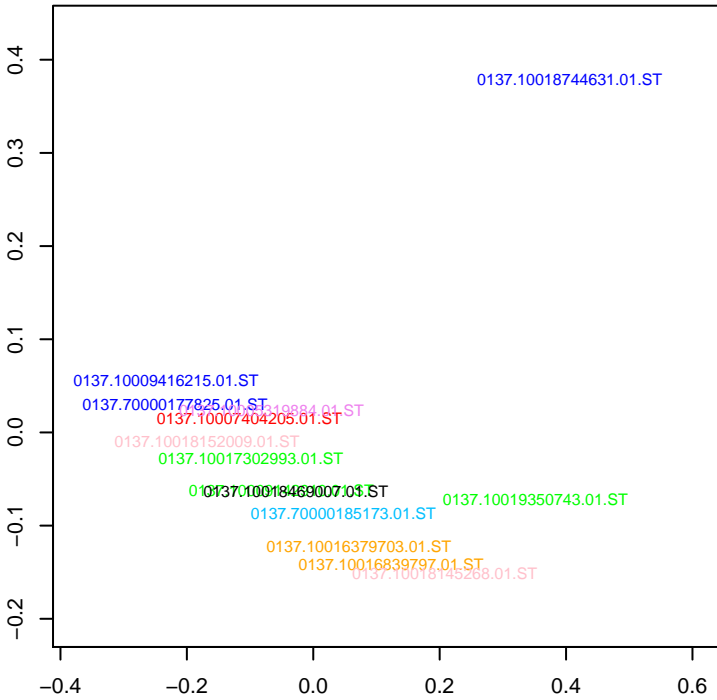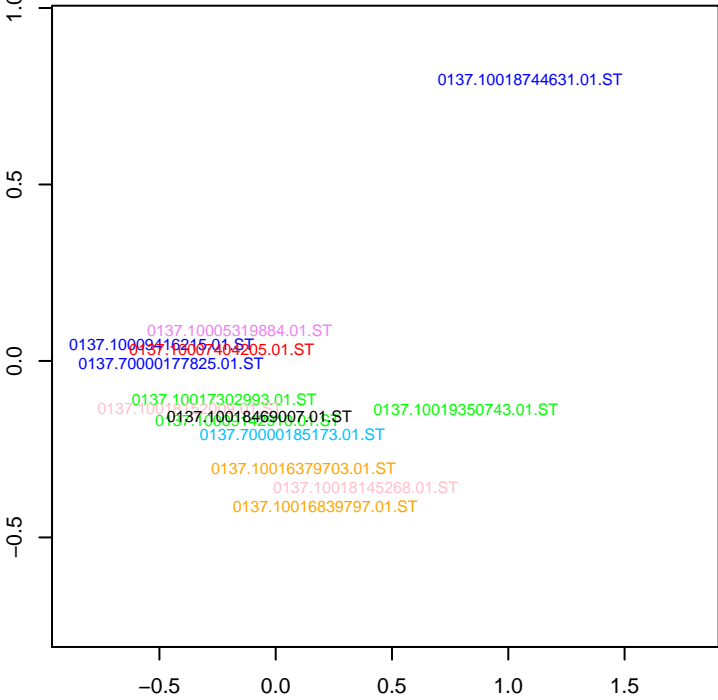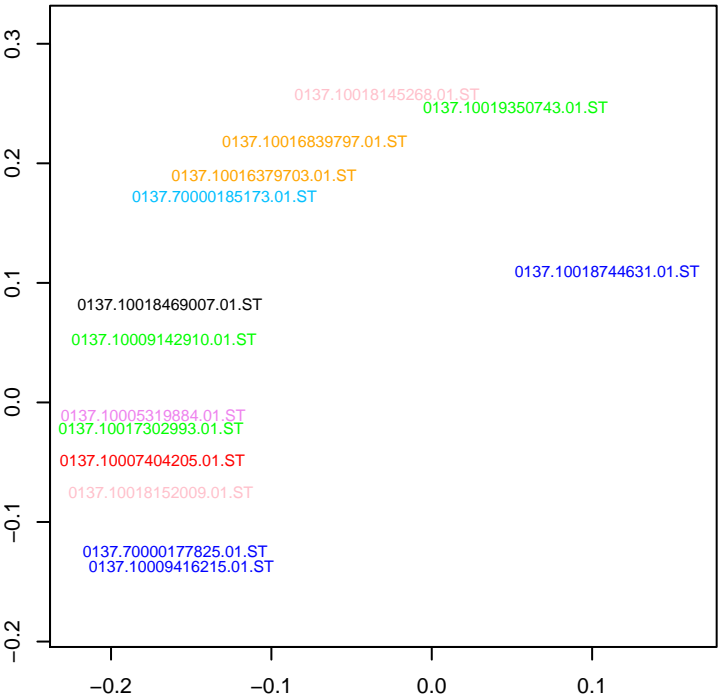
Consent.Date

PCA (Principal Comp Analysis)

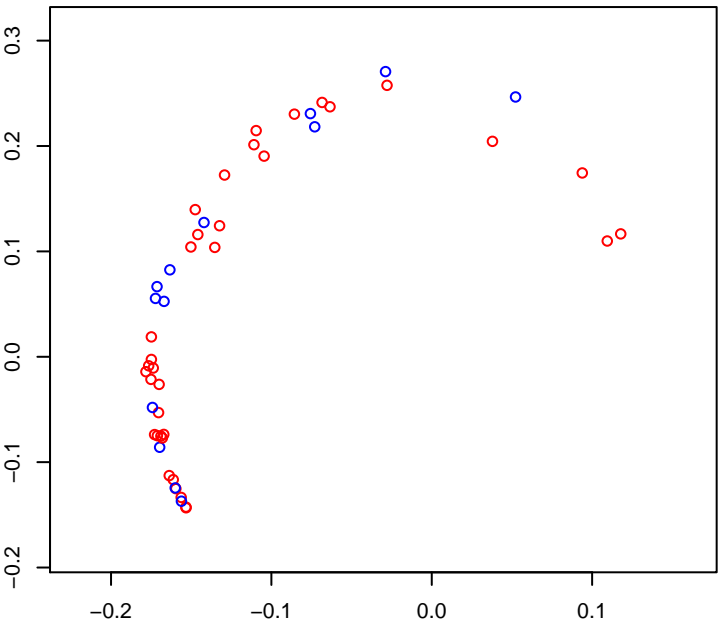**Non−metric MDS**

PCoA (Classical MDS)

- ■ (1) 42780−42790 [n=3]
- ■ (2) 42790−42800 [n=1]
- ■ (3) 42800−42810 [n=3]
- ■ (4) 42810−42820 [n=2]
- ■ (5) 42820−42830 [n=1]
- ■ (6) 42830−42840 [n=2]
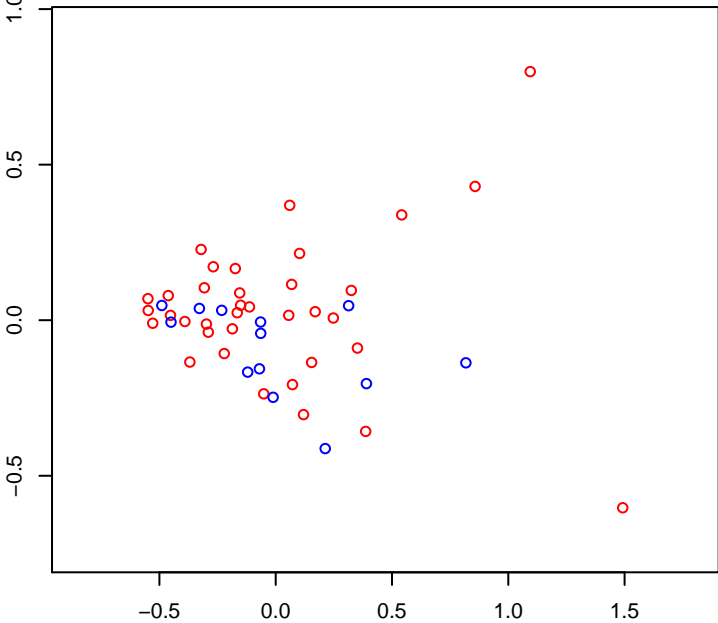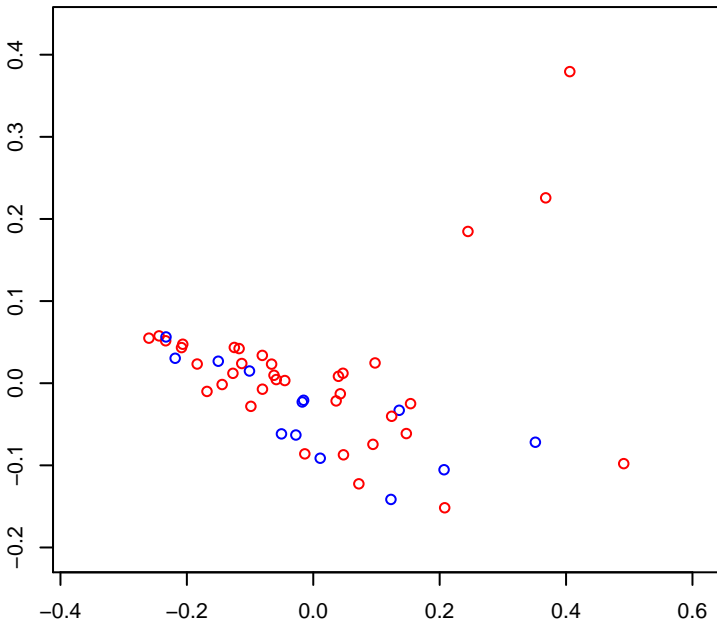- ■ (7) 42840−42850 [n=1]
- ■ (8) 42850−42860 [n=1]

0137.10018145268.01.ST
0137.10019350743.01.ST
0137.10016839797.01.ST
0137.10016379703.01.ST
0137.70000185173.01.ST
0137.10018744631.01.ST
0137.10018469007.01.ST
0137.10009142910.01.ST
0137.10005319884.01.ST
0137.10017302993.01.ST
0137.10007404205.01.ST
0137.10018152009.01.ST
0137.70000177825.01.ST
0137.10009416215.01.ST

0137.10018744631.01.ST
0137.10005319884.01.ST
0137.10009416215.01.ST
0137.10007404205.01.ST
0137.70000177825.01.ST
0137.10017302993.01.ST
0137.10018469007.01.ST
0137.10019350743.01.ST
0137.70000185173.01.ST
0137.10016379703.01.ST
0137.10018145268.01.ST
0137.10016839797.01.ST

0137.10018744631.01.ST
0137.10009416215.01.ST
0137.70000177825.01.ST
0137.10005319884.01.ST
0137.10007404205.01.ST
0137.10018152009.01.ST
0137.10017302993.01.ST
0137.10018469007.01.ST
0137.10019350743.01.ST
0137.70000185173.01.ST
0137.10016379703.01.ST
0137.10016839797.01.ST
0137.10018145268.01.ST

isFemale

Age

PCA (Principal Comp Analysis)

Non-metric MDS

PCoA (Classical MDS)

Legend:
- (1) 10–20 [n=5]
- (2) 20–30 [n=14]
- (3) 30–40 [n=11]
- (4) 40–50 [n=3]
- (5) 50–60 [n=6]
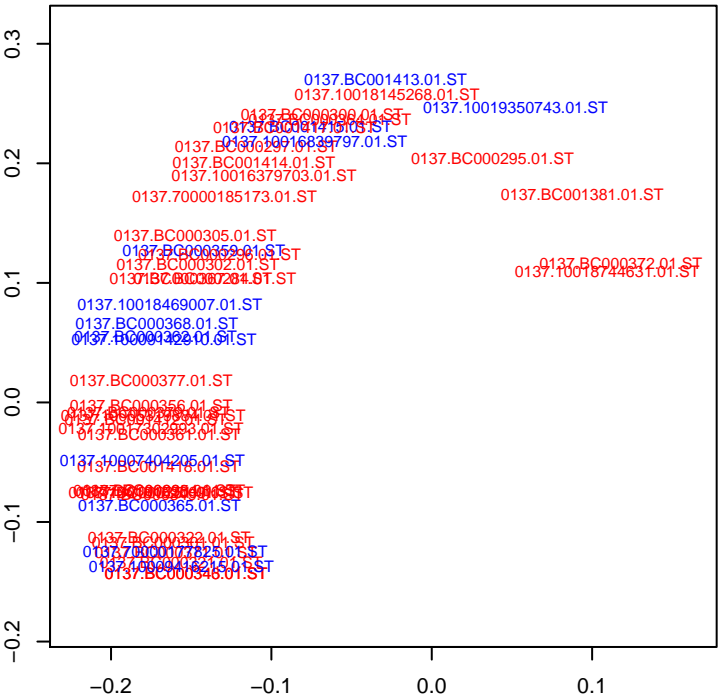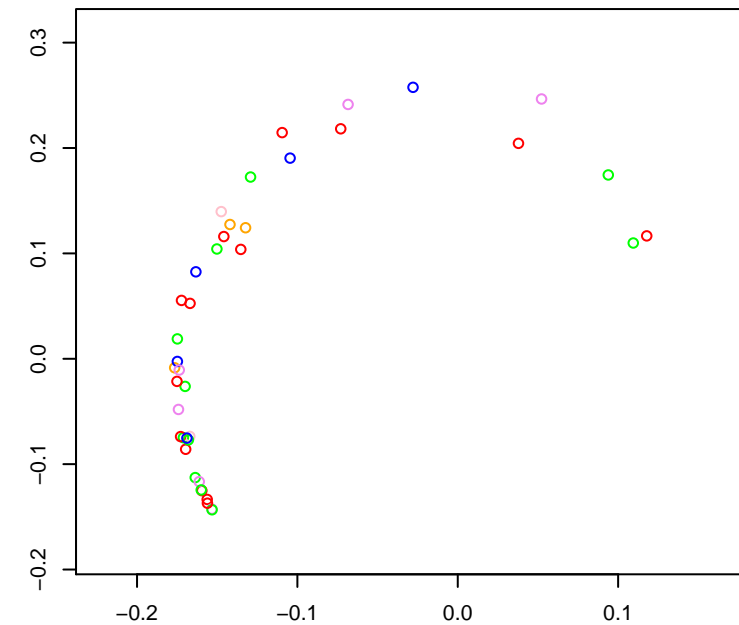- (6) 60–70 [n=2]

isCase

PCA (Principal Comp Analysis)
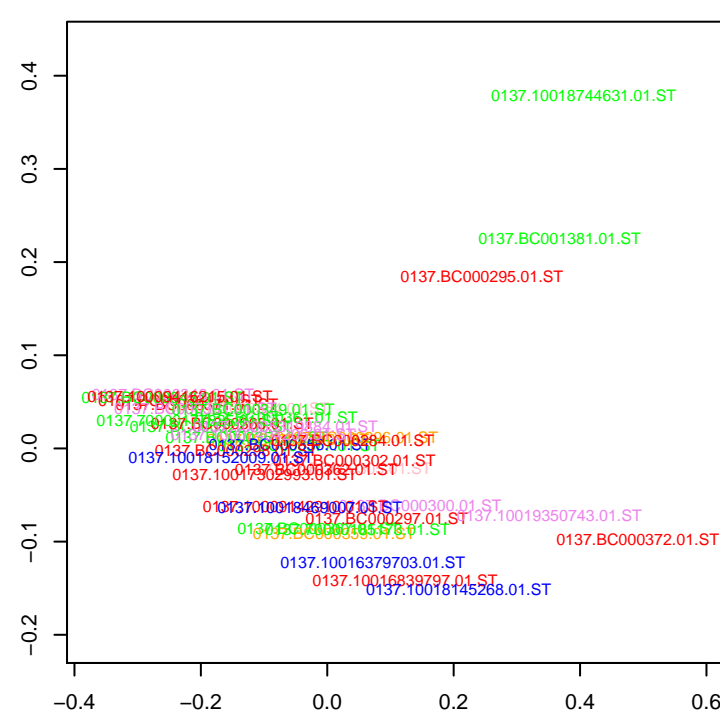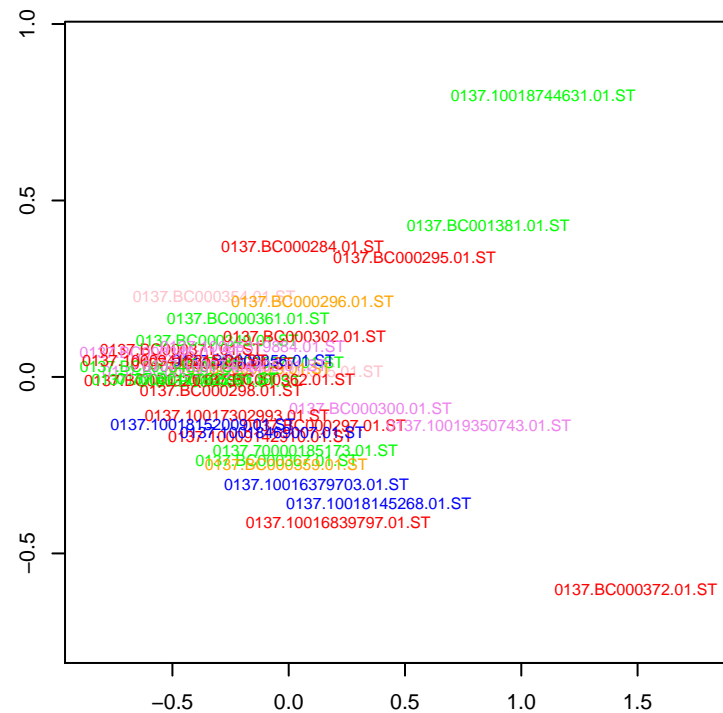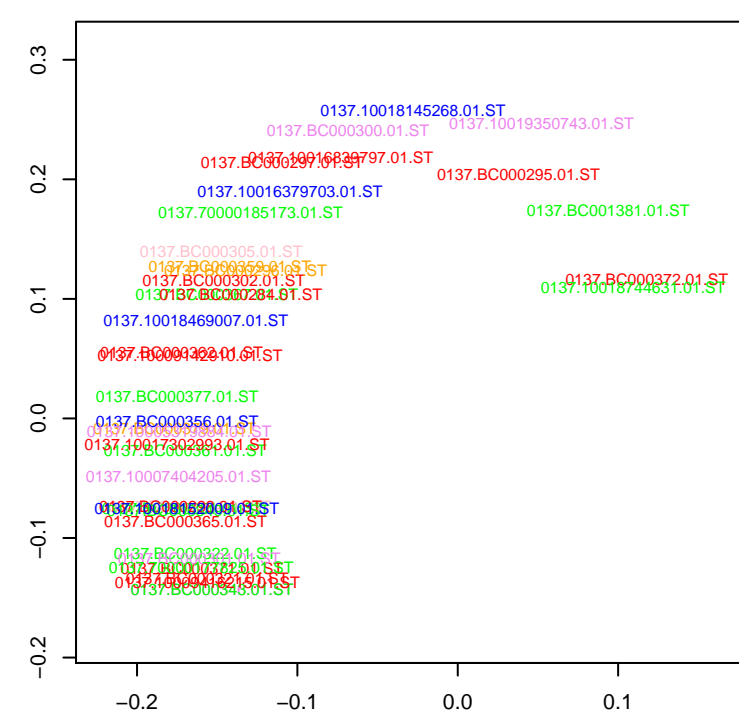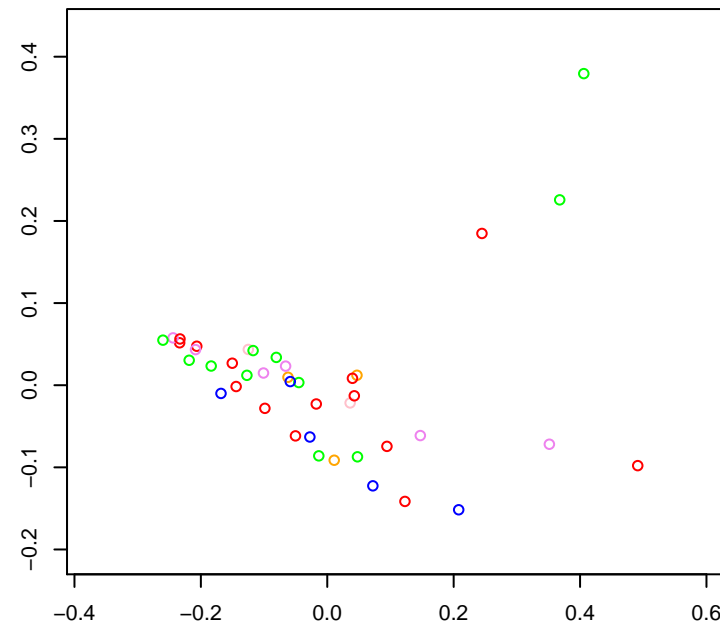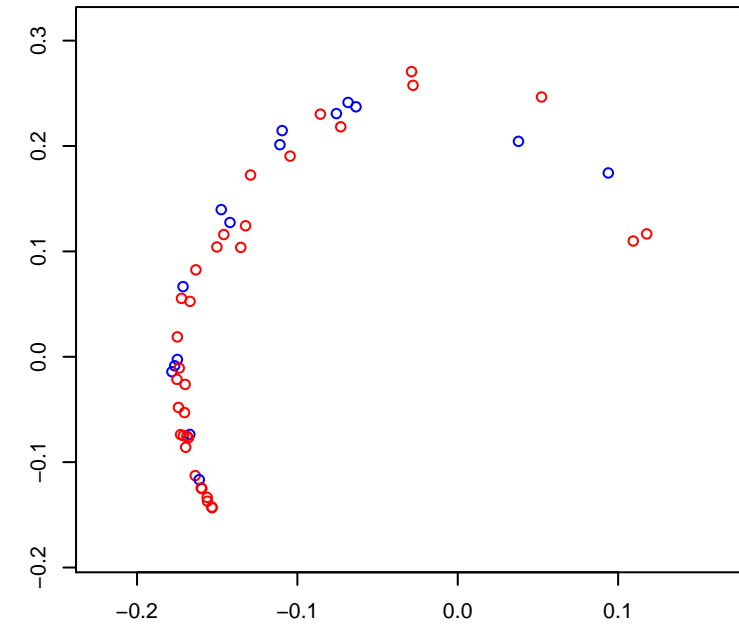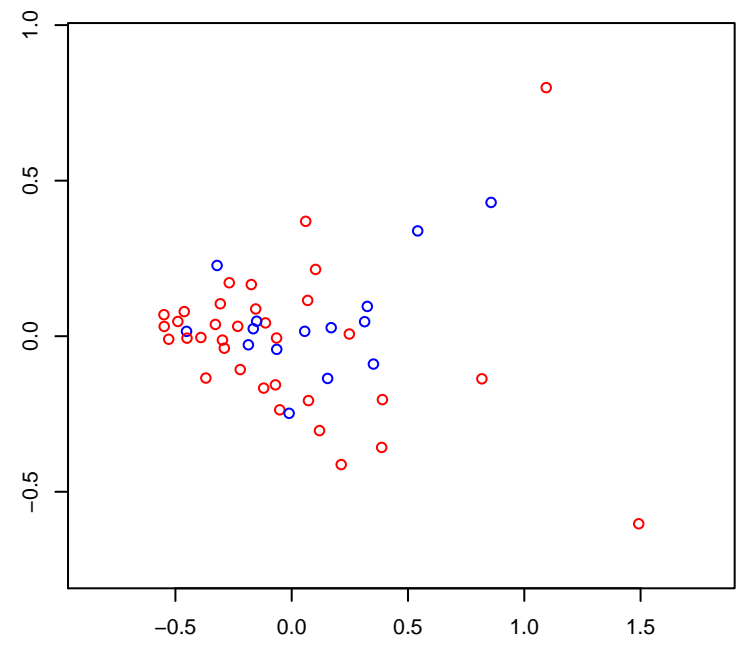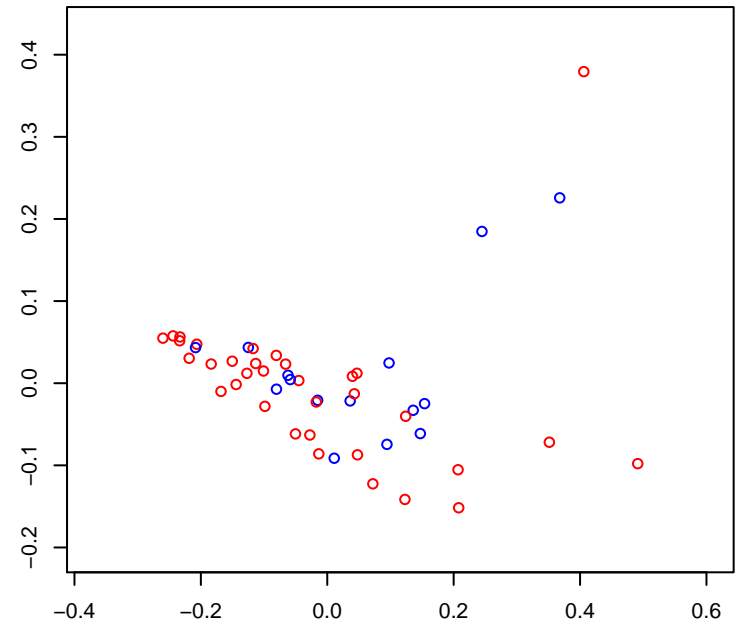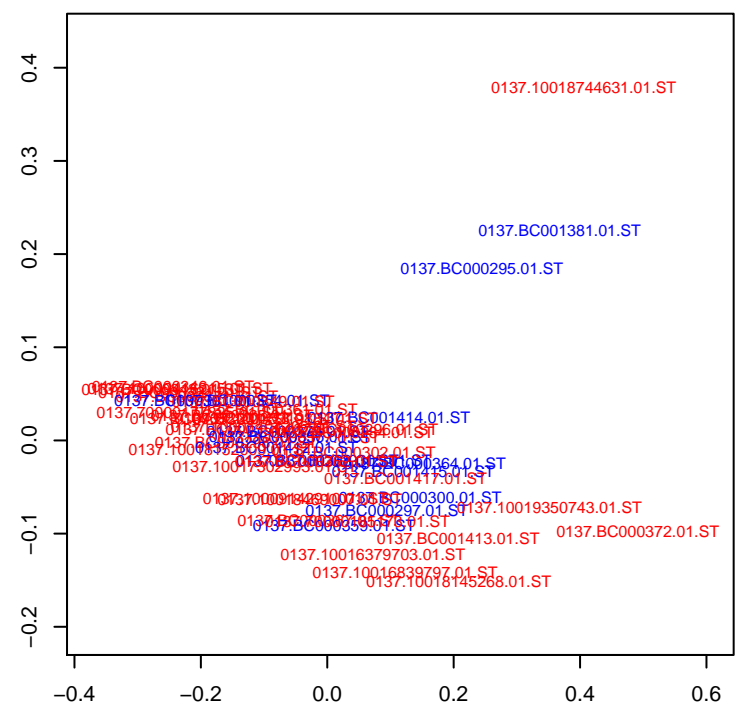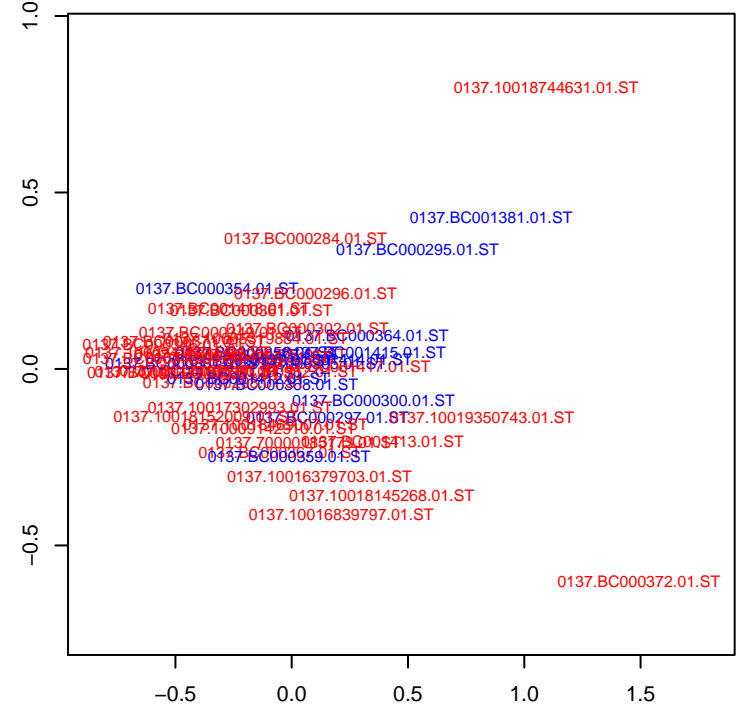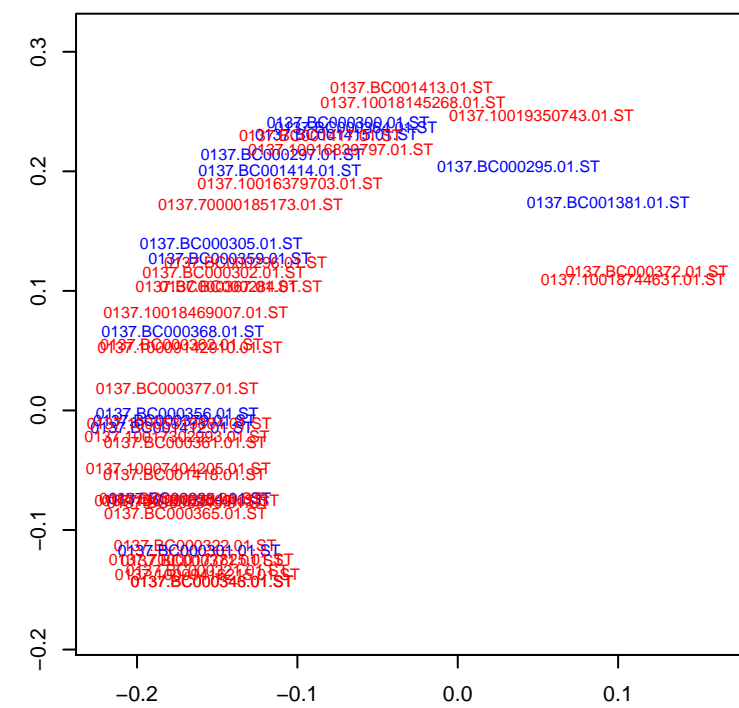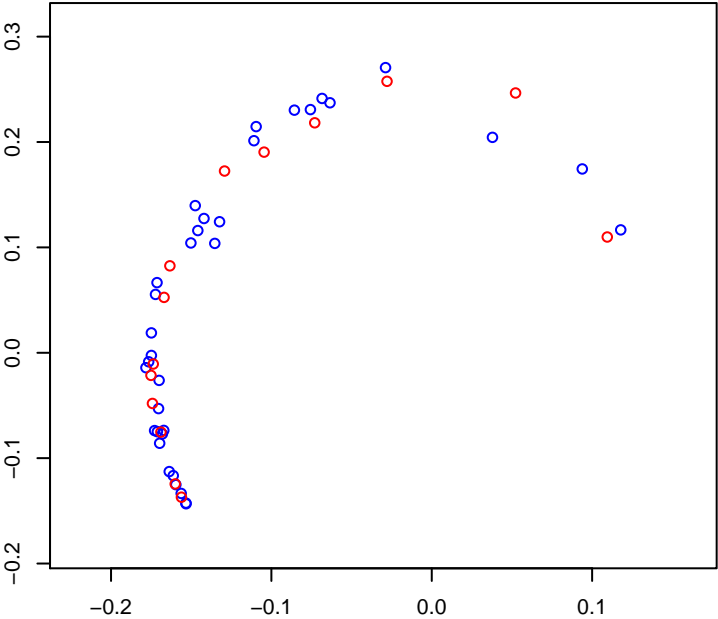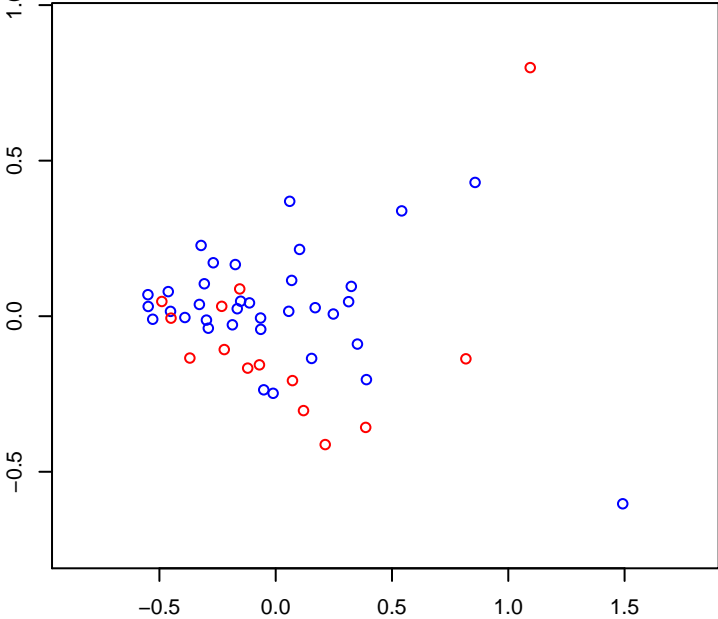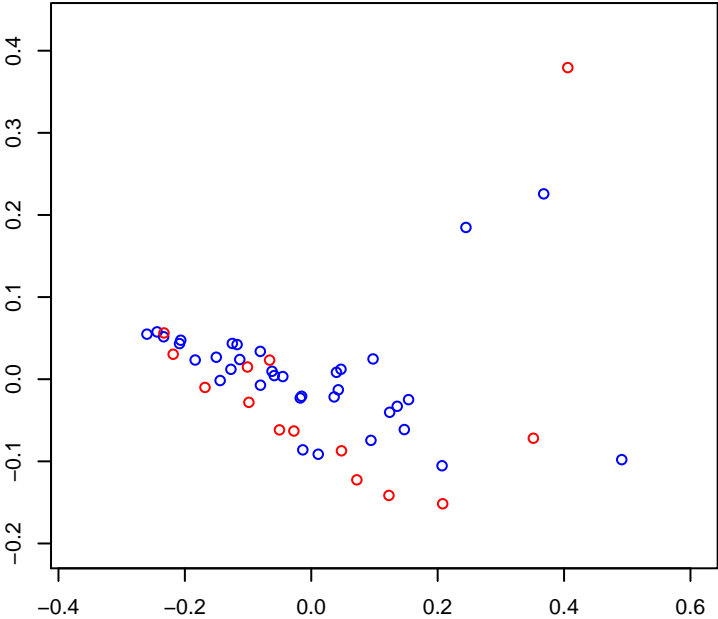
Non-metric MDS

PCoA (Classical MDS)

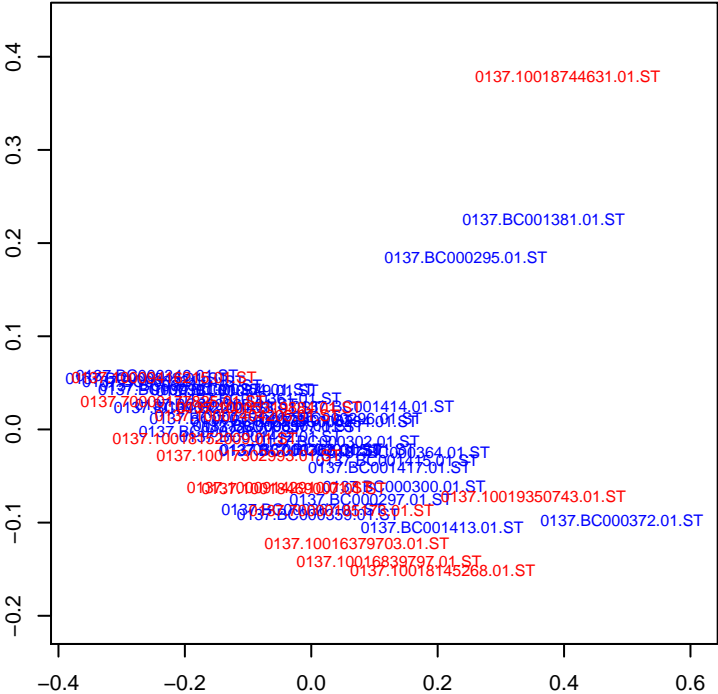■ 0 [n=15]
■ 1 [n=34]
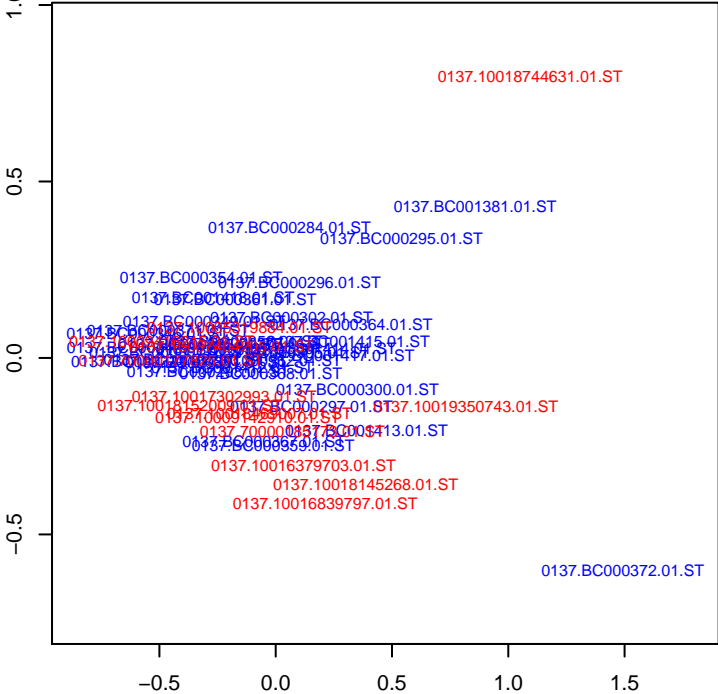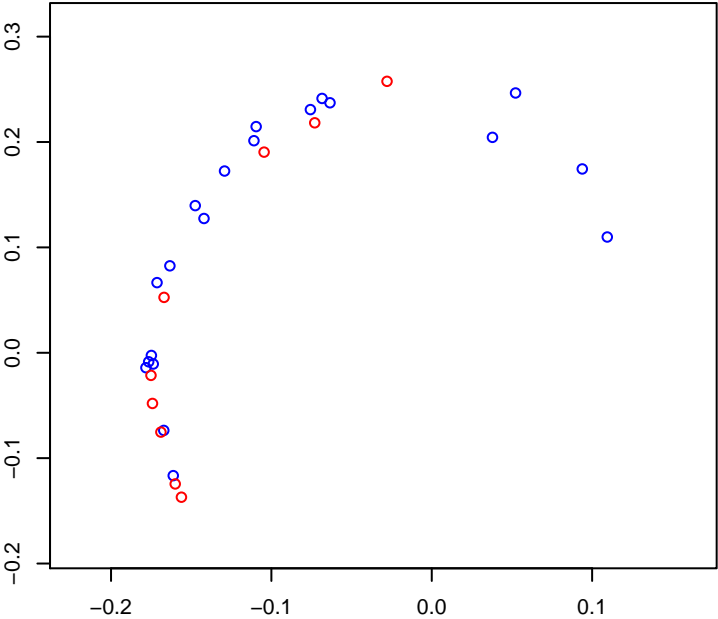
Origin

PCA (Principal Comp Analysis)   **Non−metric MDS**   **PCoA (Classical MDS)**
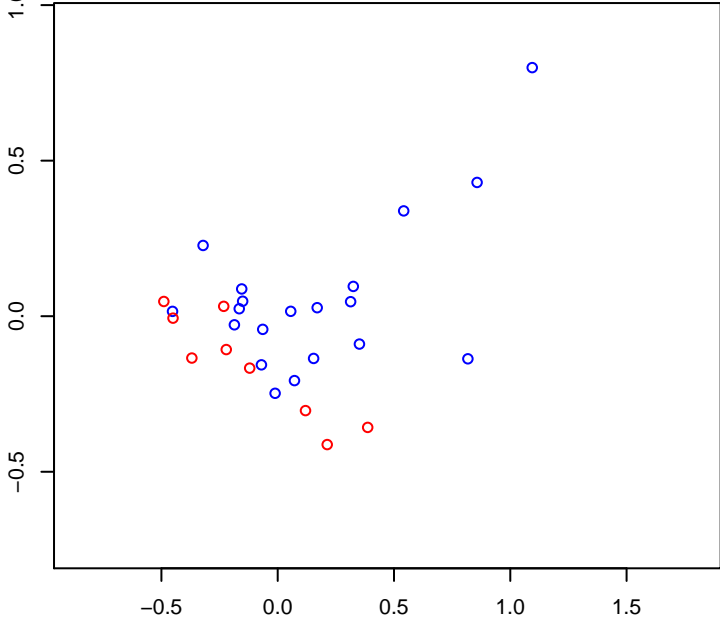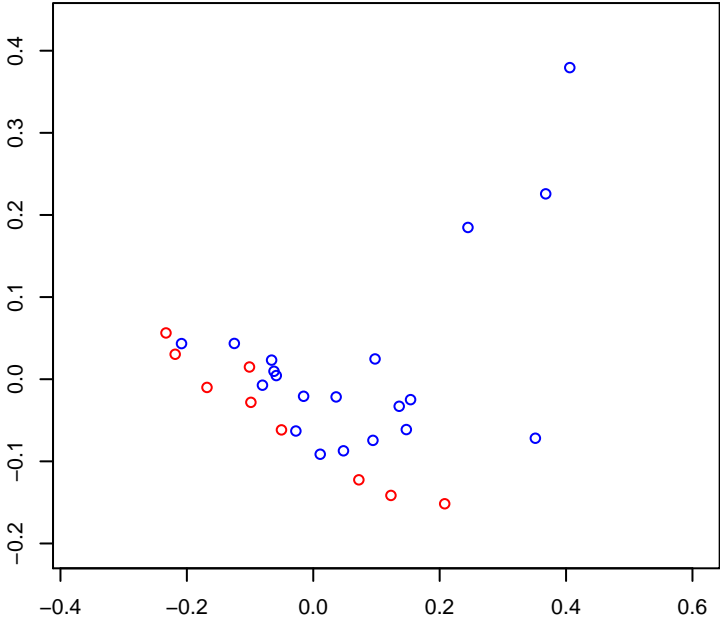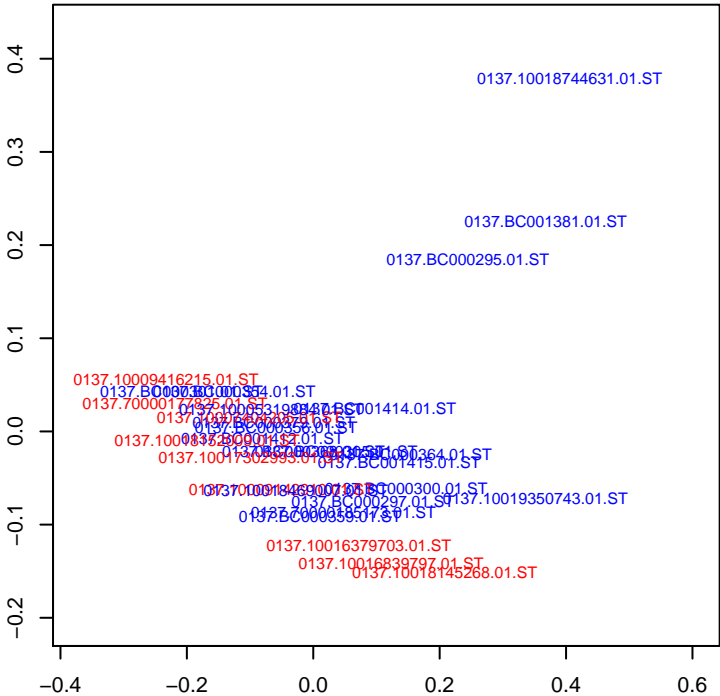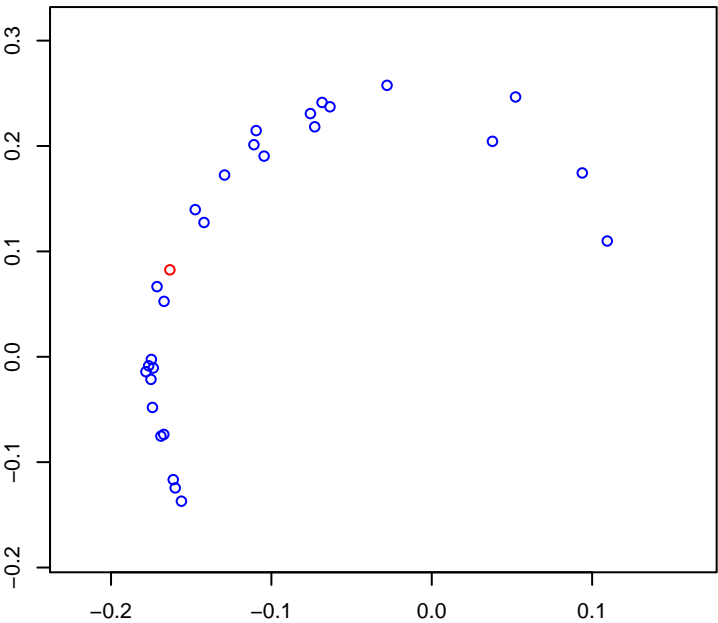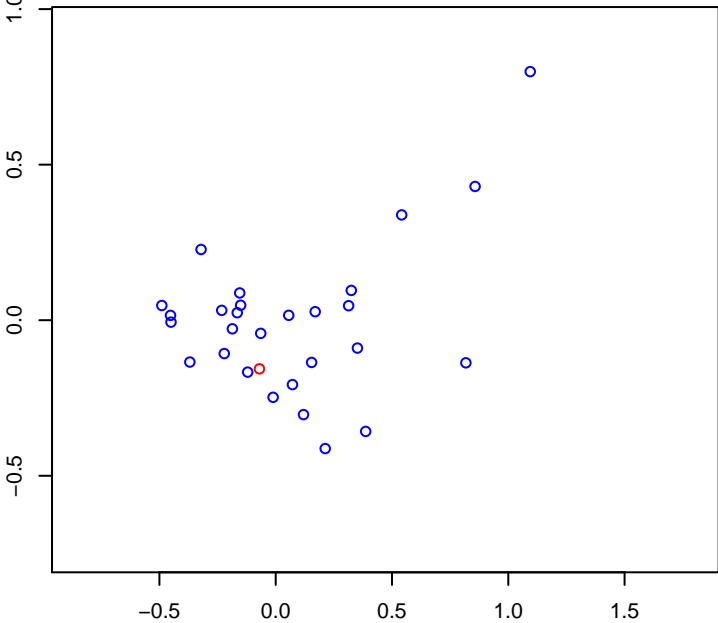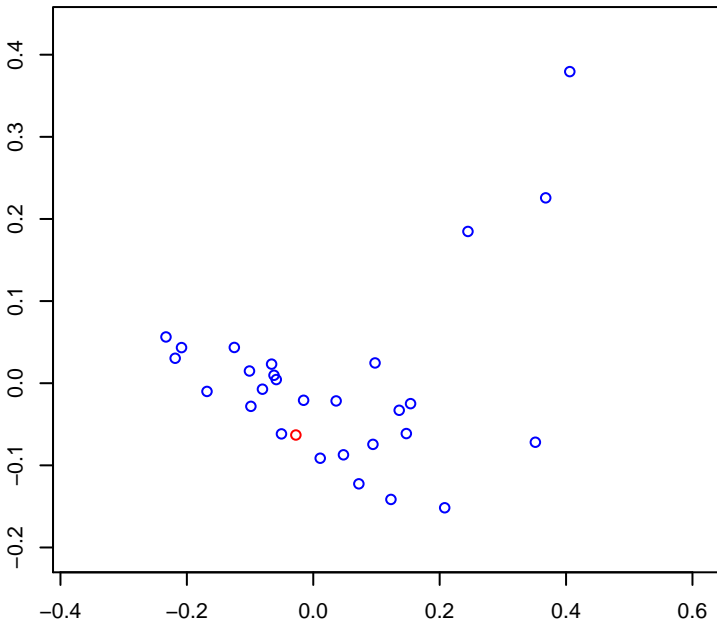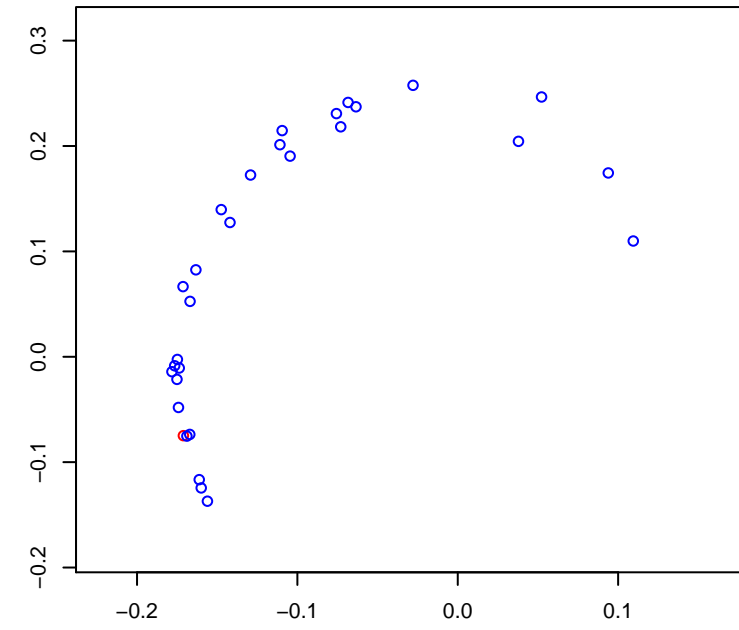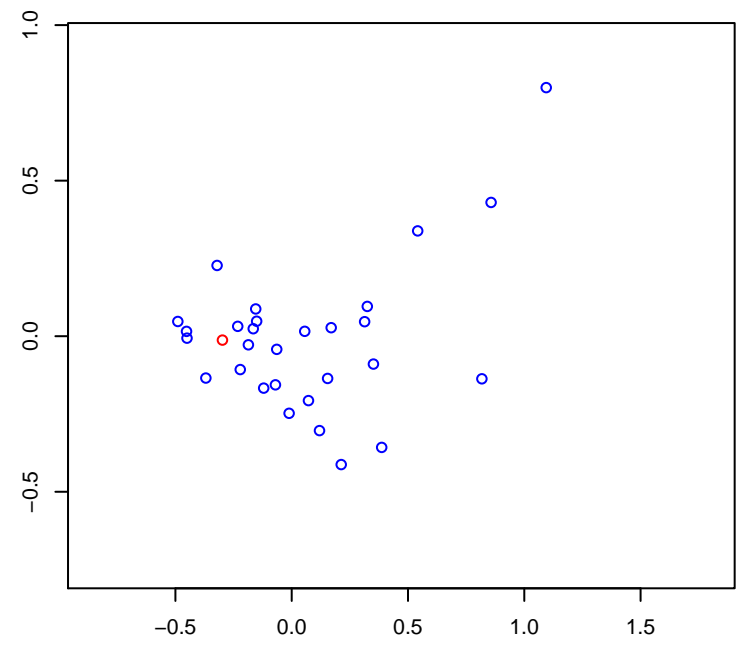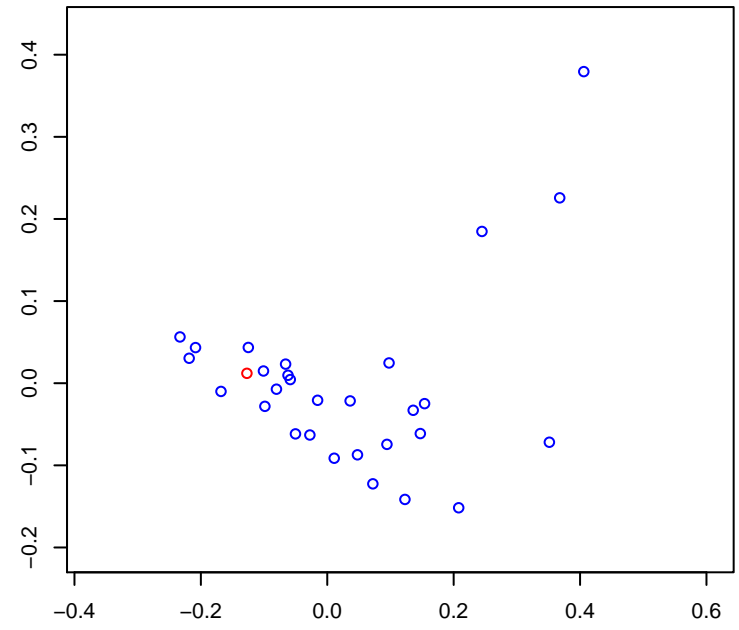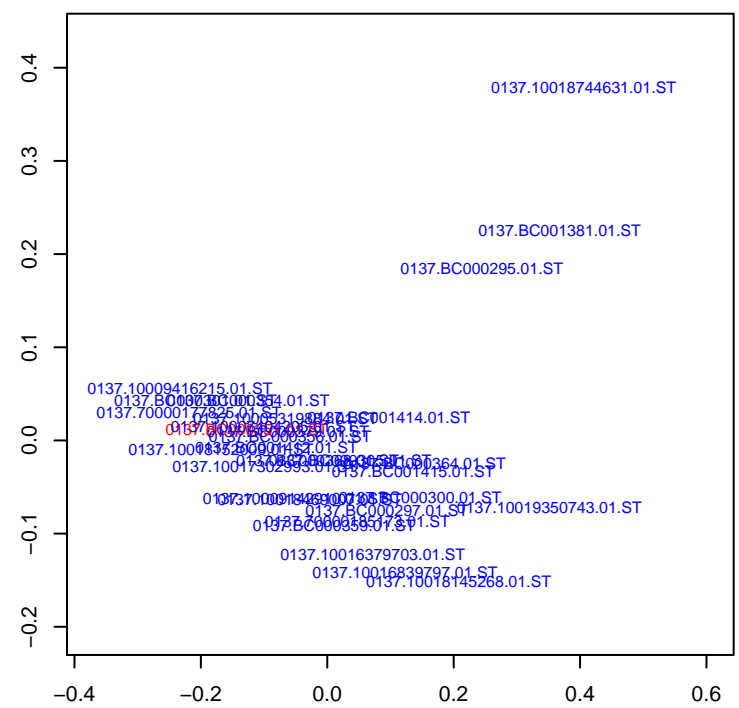
Biocollectives [n=35]
RIH [n=14]
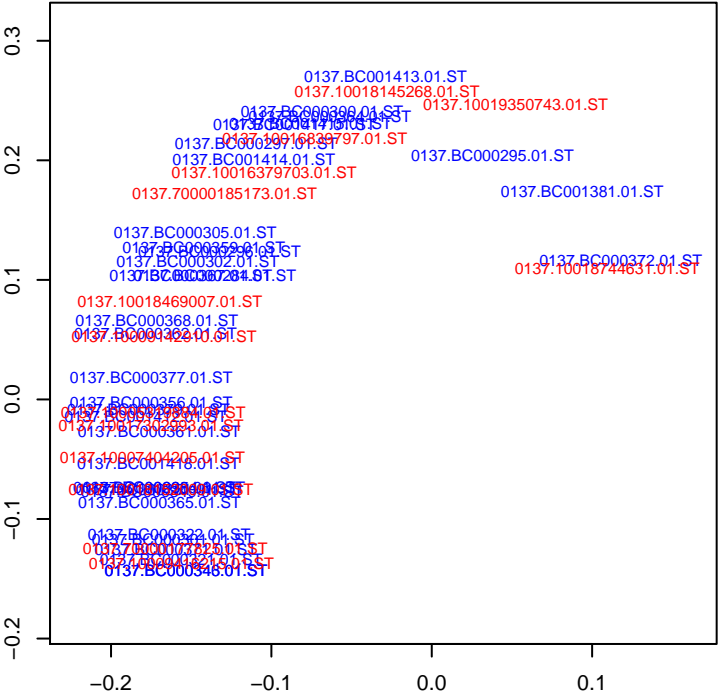
hadHydrea

PCA (Principal Comp Analysis) | **Non−metric MDS** | **PCoA (Classical MDS)**

Legend: 0 [n=20] (blue), 1 [n=9] (red)
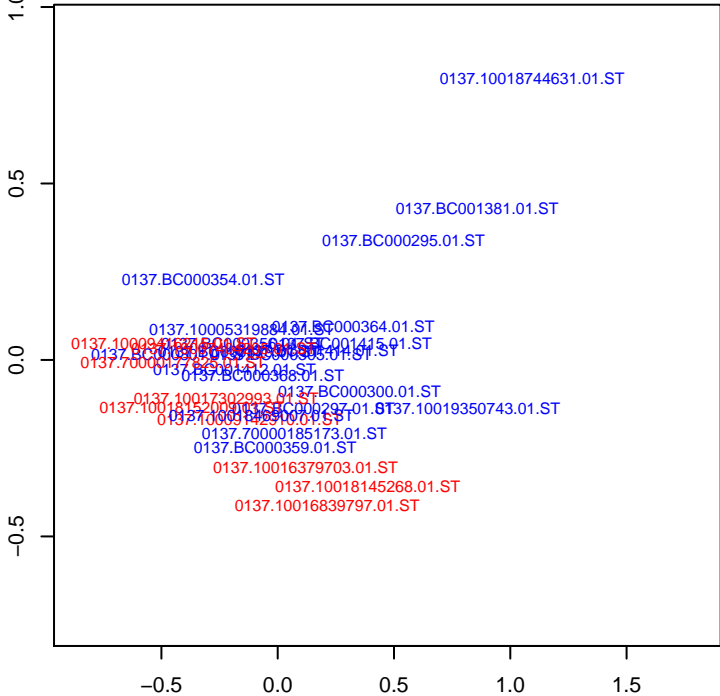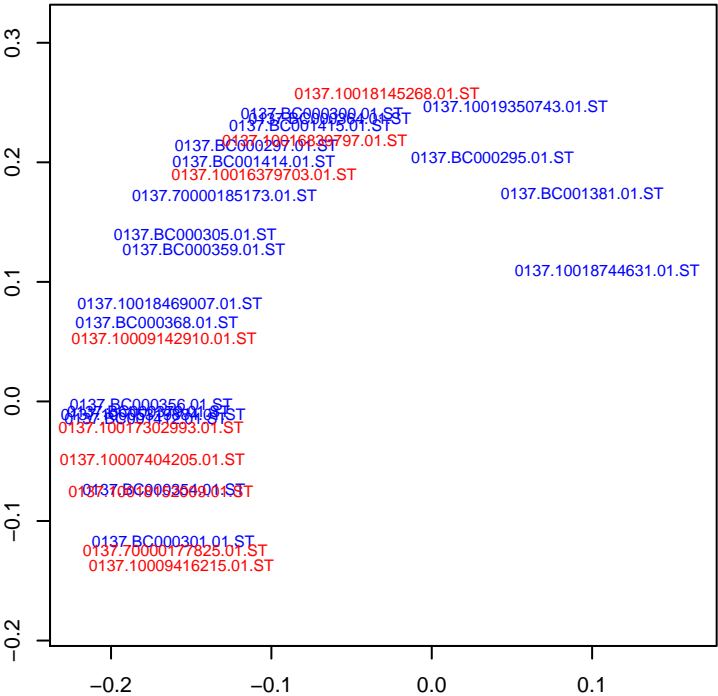
hadExch

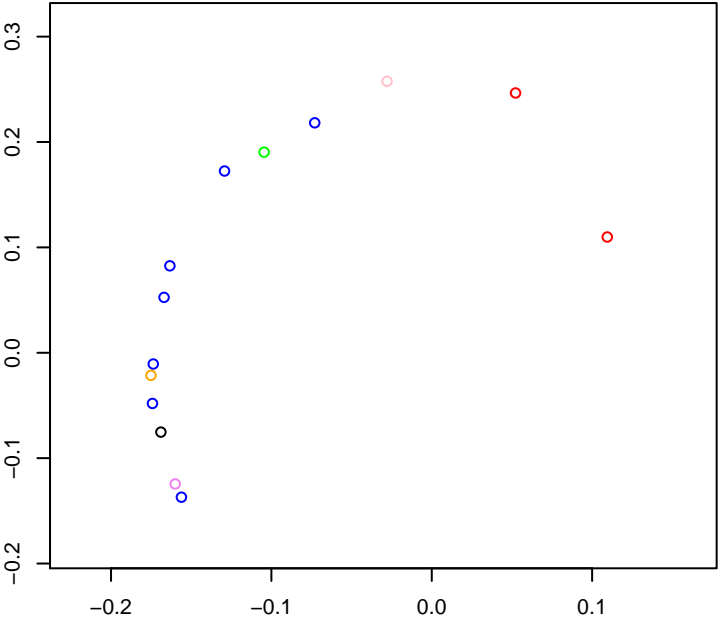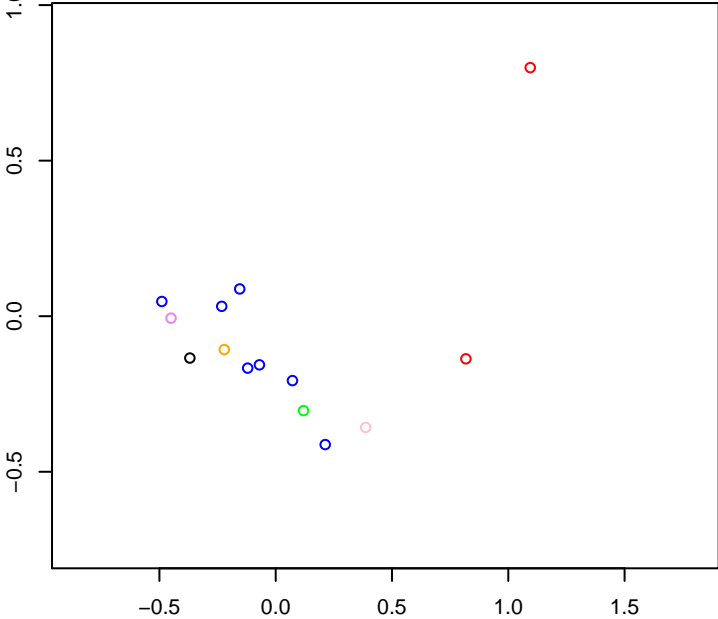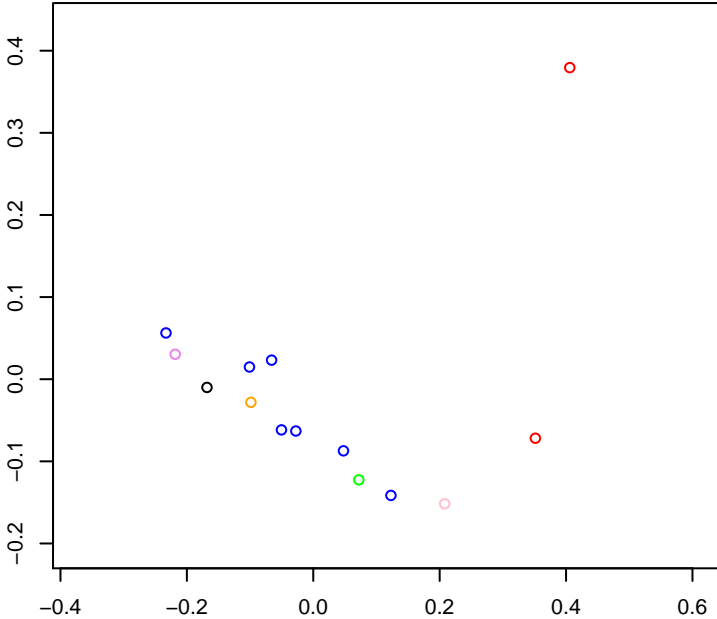## PCA (Principal Comp Analysis)
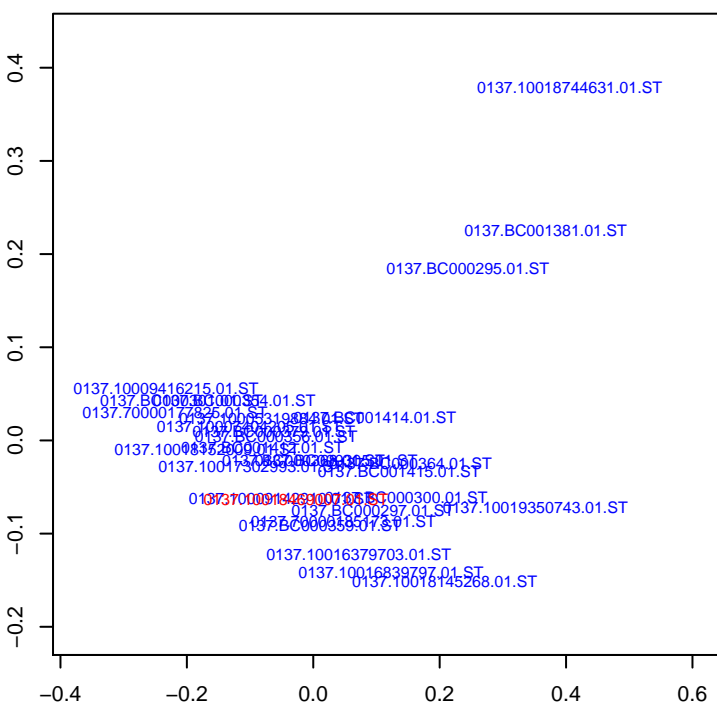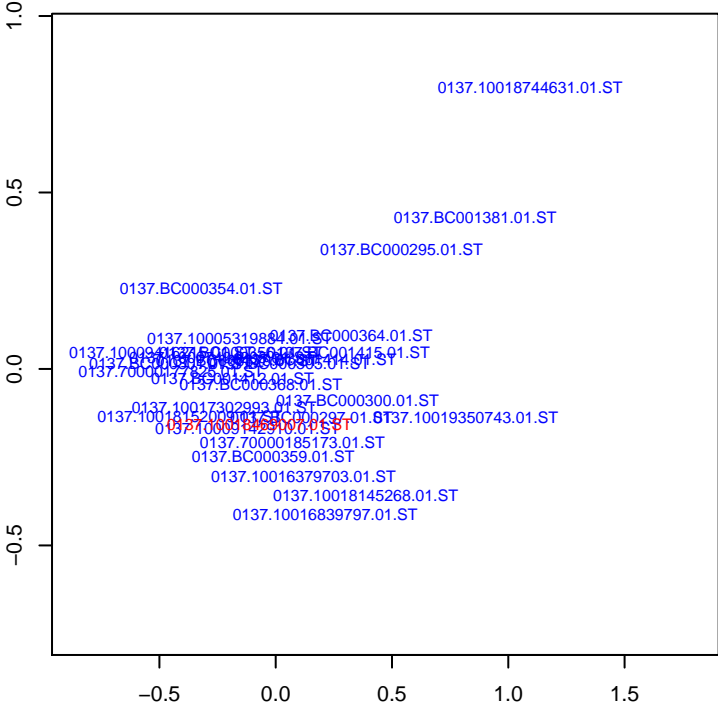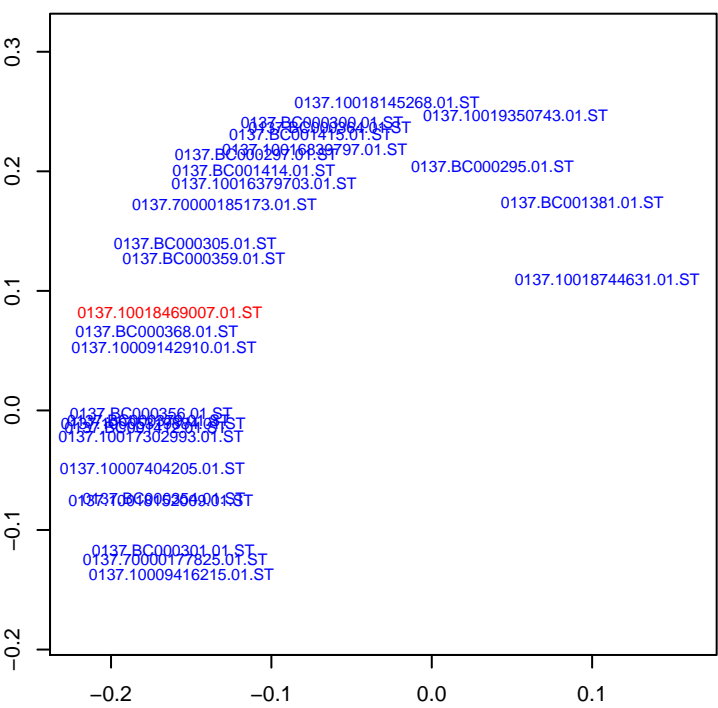
Non−metric MDS

PCoA (Classical MDS)

Legend:
- 0 [n=28] (blue)
- 1 [n=1] (red)

onPCN

PCA (Principal Comp Analysis) **Non−metric MDS** **PCoA (Classical MDS)**
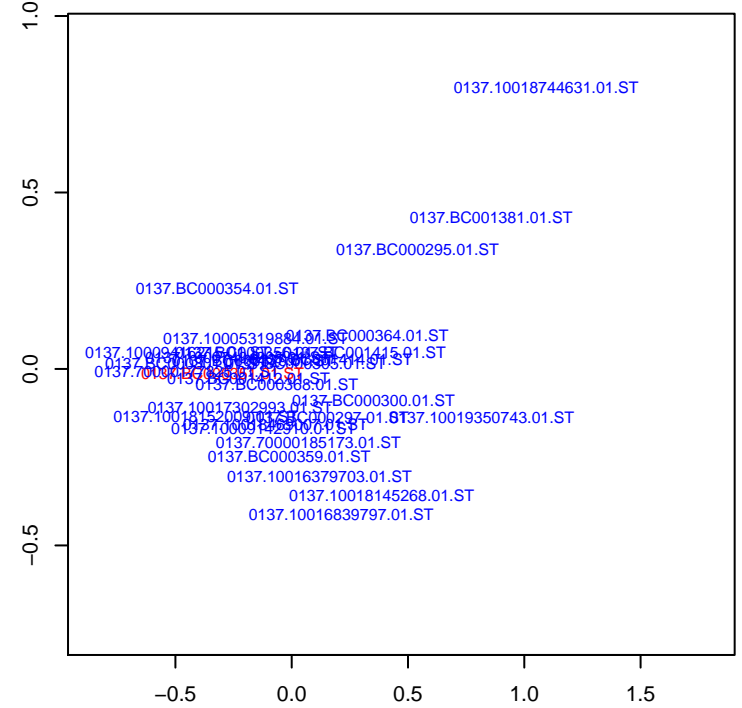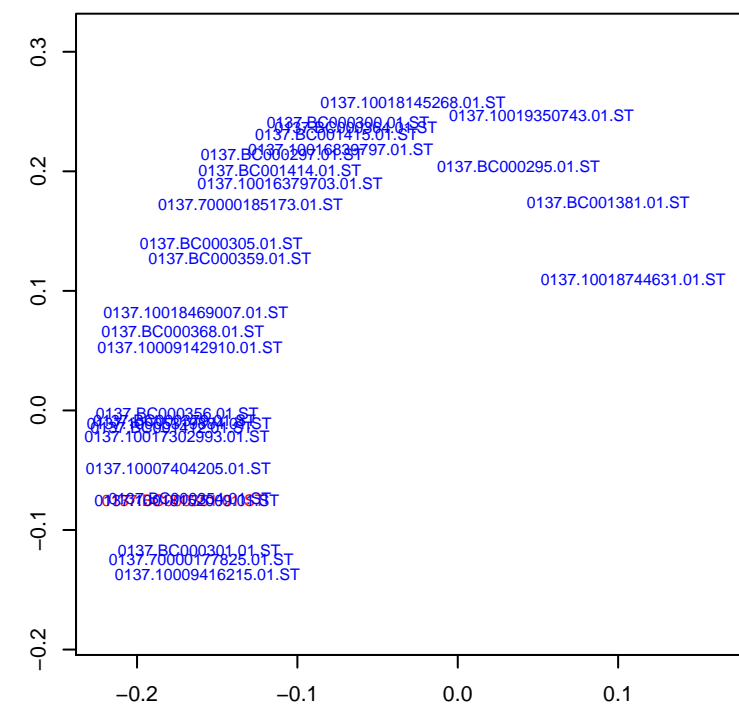
Legend: 0 [n=29] (blue), NN [n=1] (red)

HbF

Hb
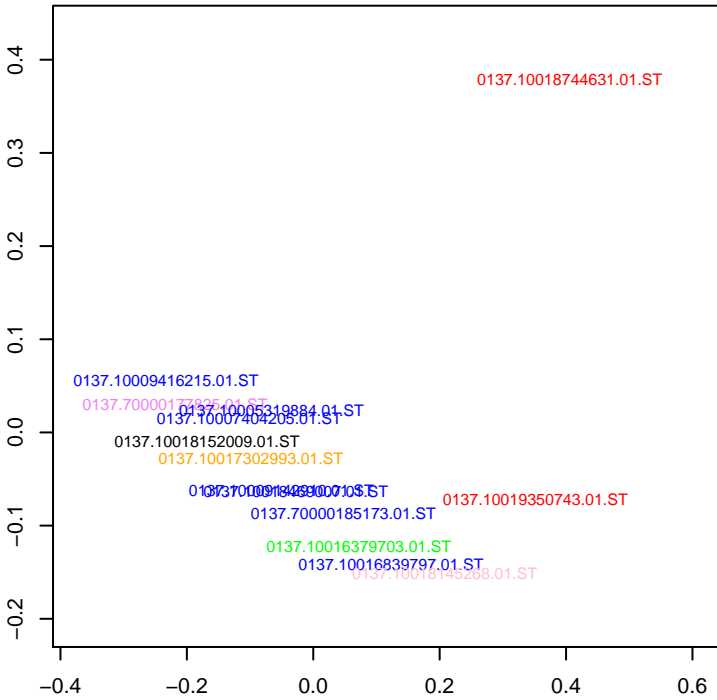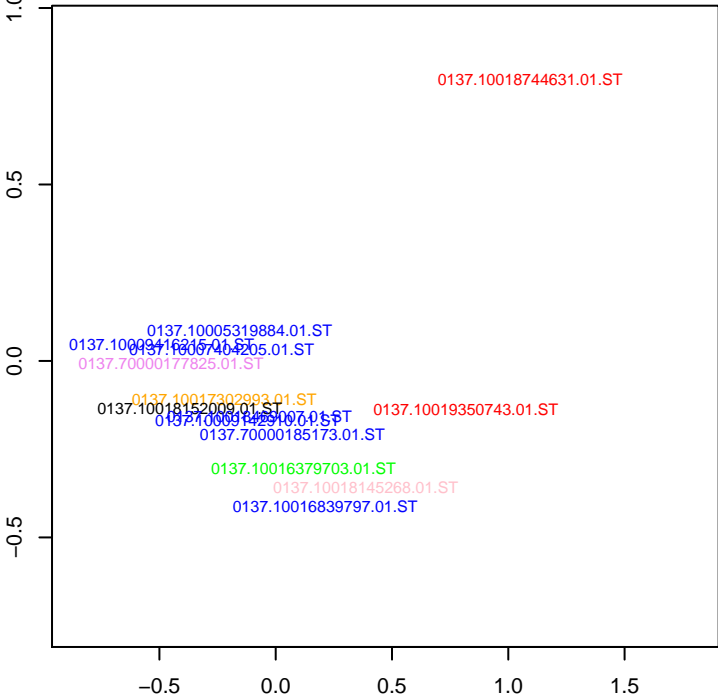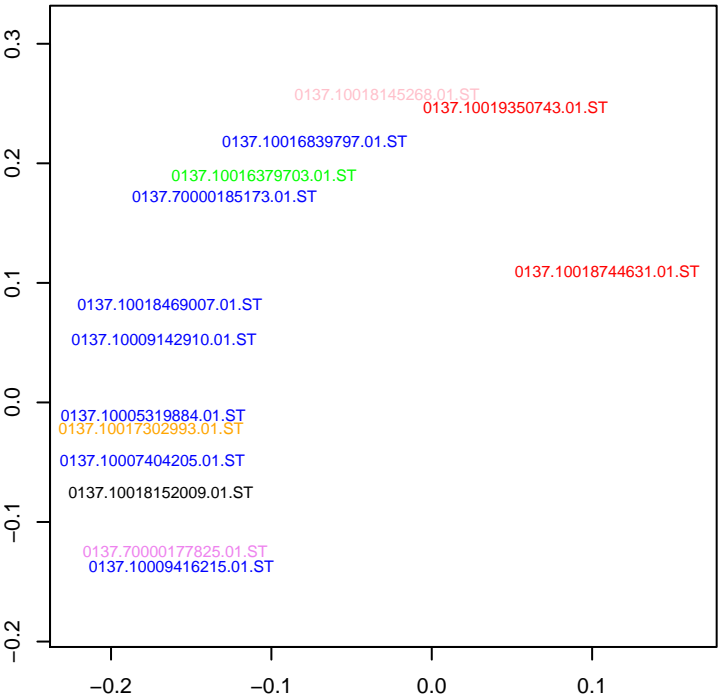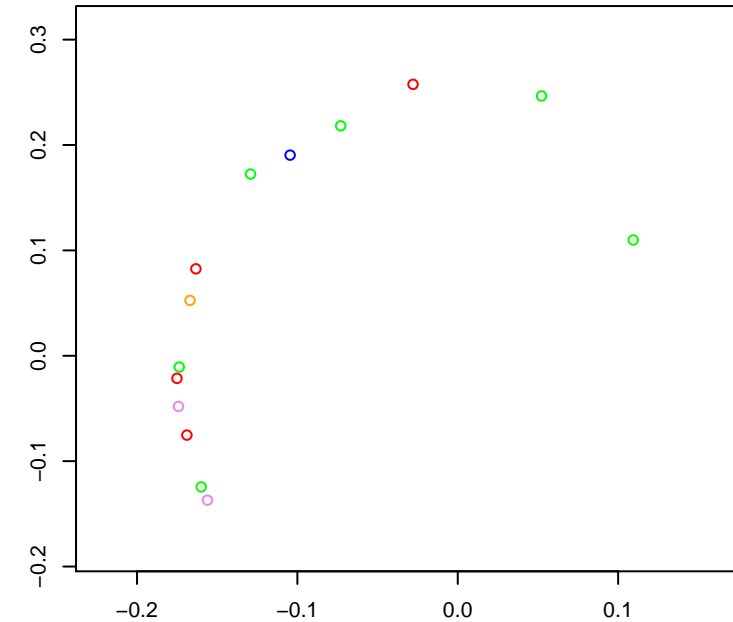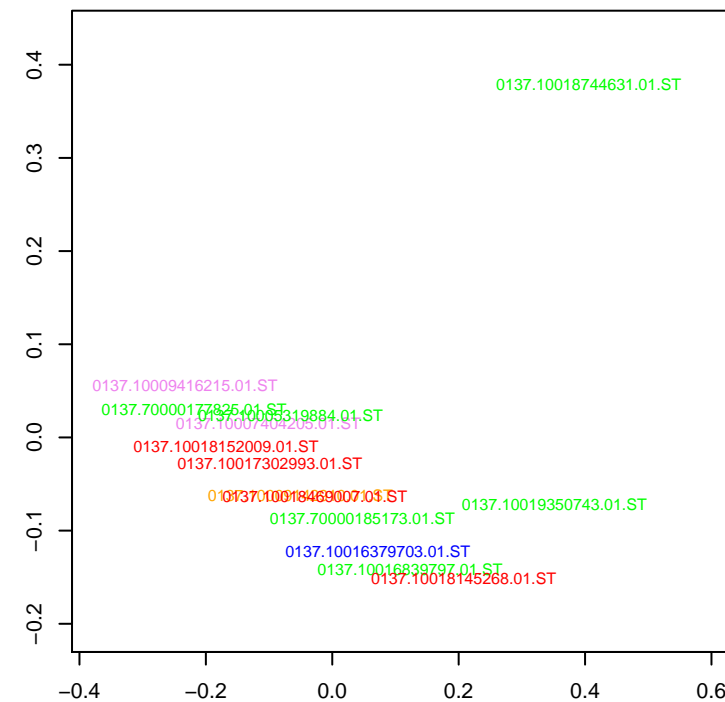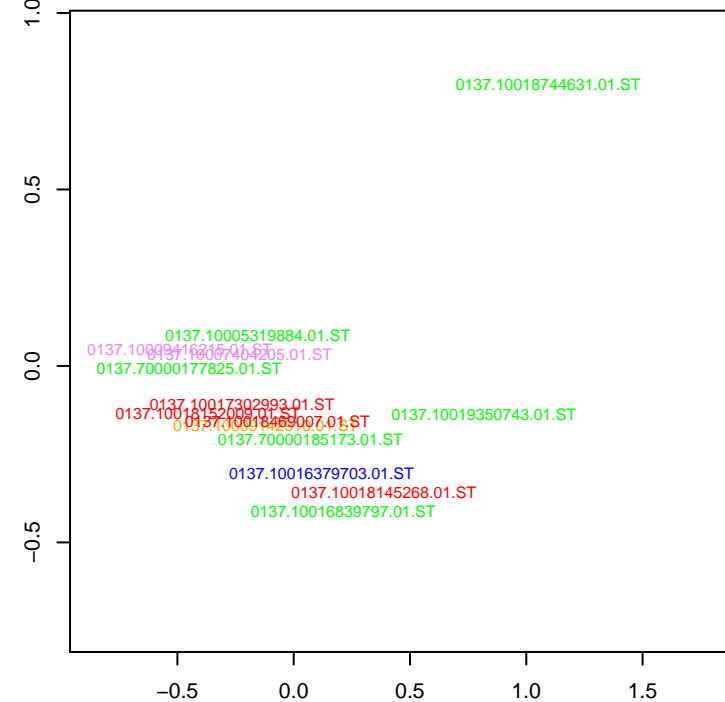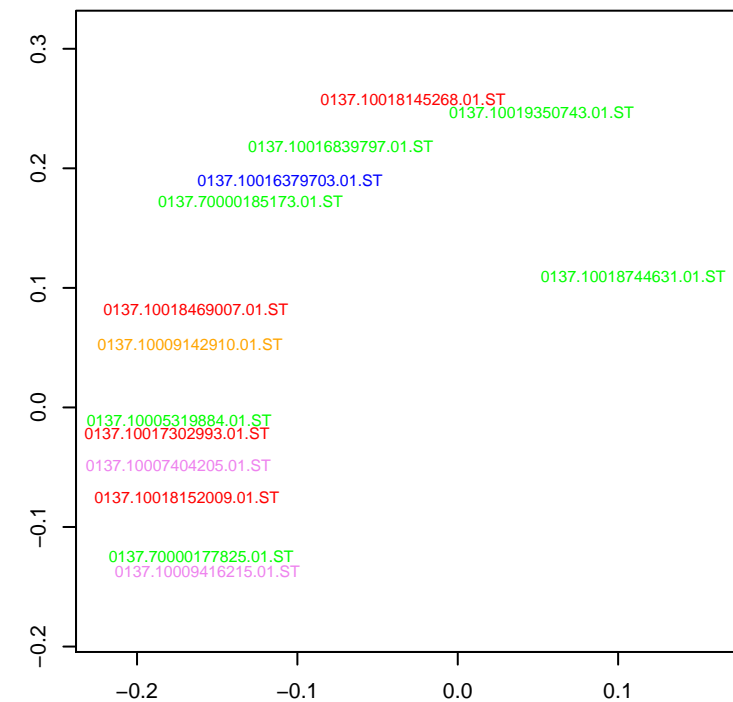
Bilirubin

Legend:
- (1) 0–1 [n=1]
- (2) 1–2 [n=4]
- (3) 2–3 [n=3]
- (4) 3–4 [n=1]
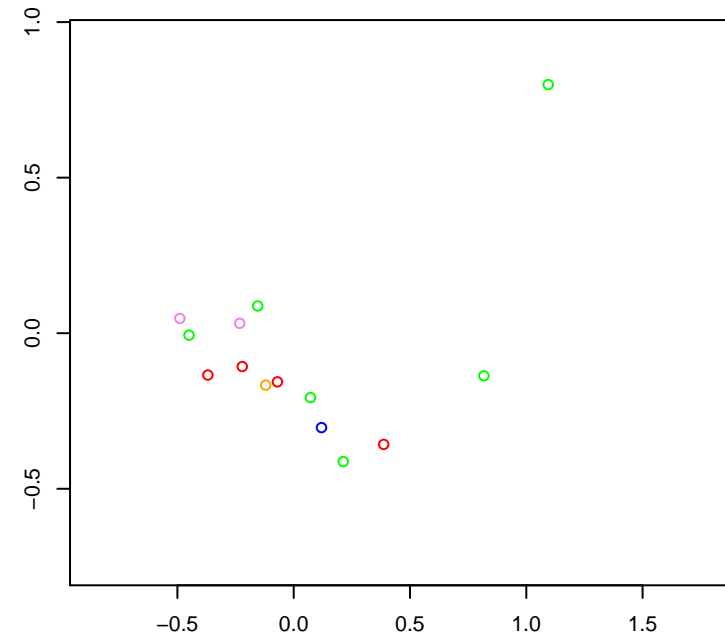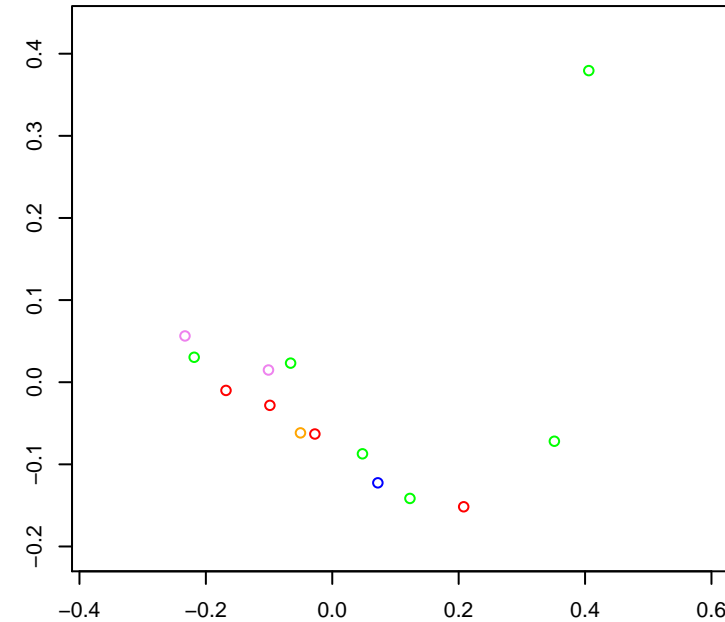- (5) 4–5 [n=1]
- (6) 5–6 [n=1]
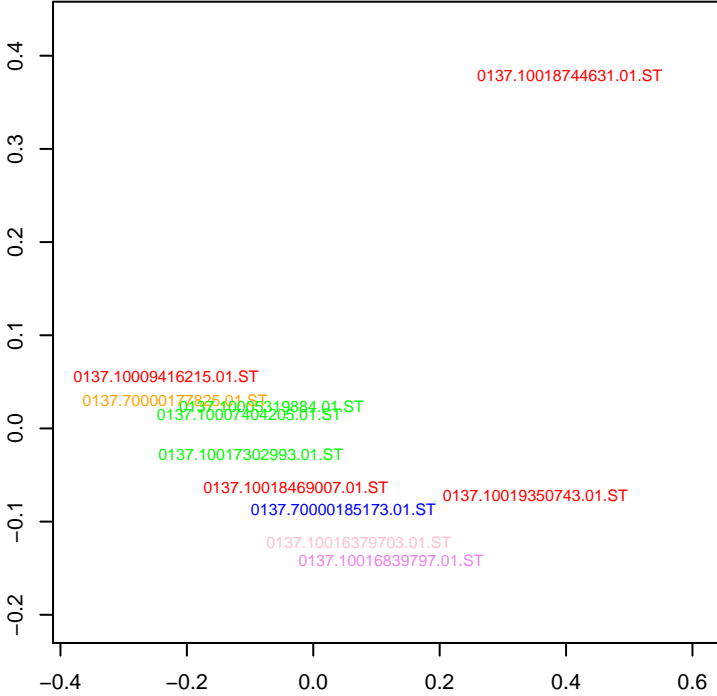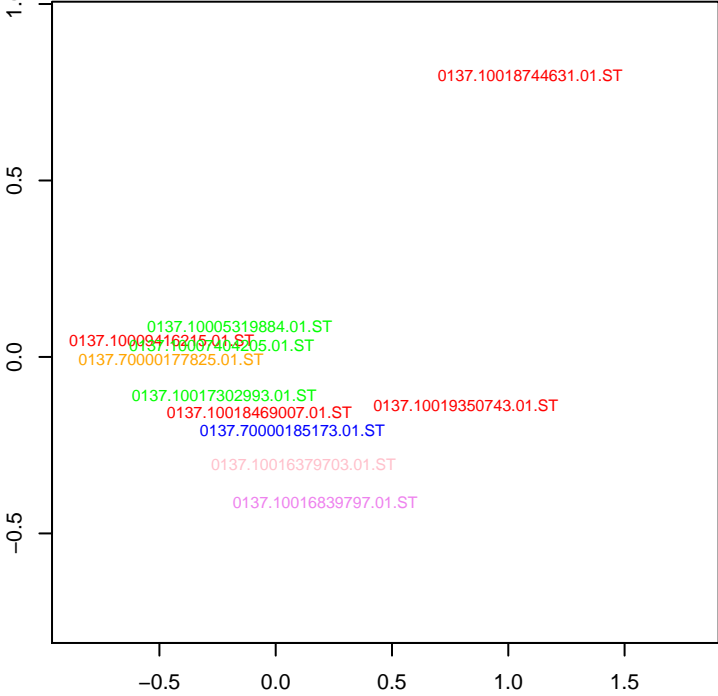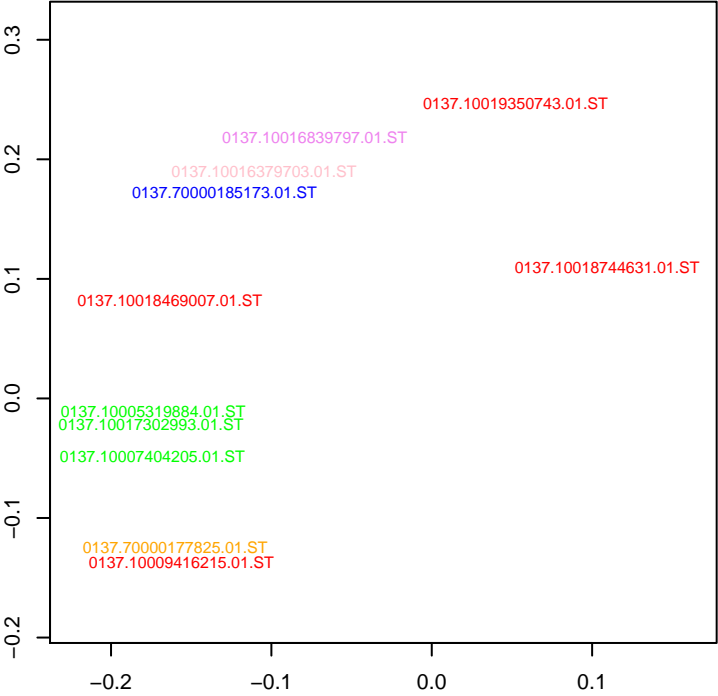
Admit

PCA (Principal Comp Analysis)

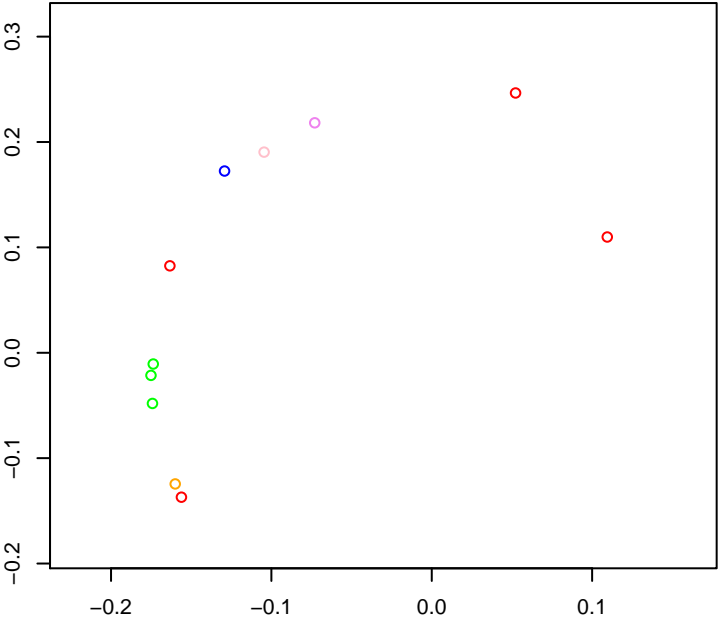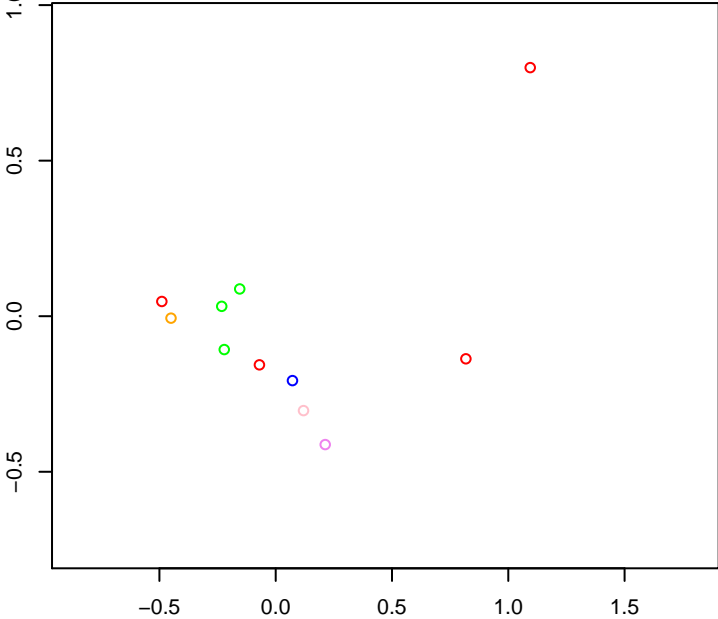**Non-metric MDS**

PCoA (Classical MDS)

Legend:
- (1) 0–2 [n=9]
- (2) 2–4 [n=3]
- (3) 4–6 [n=1]
- (4) 6–8 [n=1]
- (5) 8–10 [n=9]

Labels:
- 0137.10018145268.01.ST
- 0137.10019350743.01.ST
- 0137.10016839797.01.ST
- 0137.10016379703.01.ST
- 0137.70000185173.01.ST
- 0137.10018744631.01.ST
- 0137.10018469007.01.ST
- 0137.10009142910.01.ST
- 0137.10005319884.01.ST
- 0137.10017302993.01.ST
- 0137.10007404205.01.ST
- 0137.10018152009.01.ST
- 0137.70000177825.01.ST
- 0137.10009416215.01.ST

LastVOC

ESR

PCA (Principal Comp Analysis) · Non−metric MDS · PCoA (Classical MDS)

Legend:
- (1) 0–10 [n=7]
- (2) 10–20 [n=2]
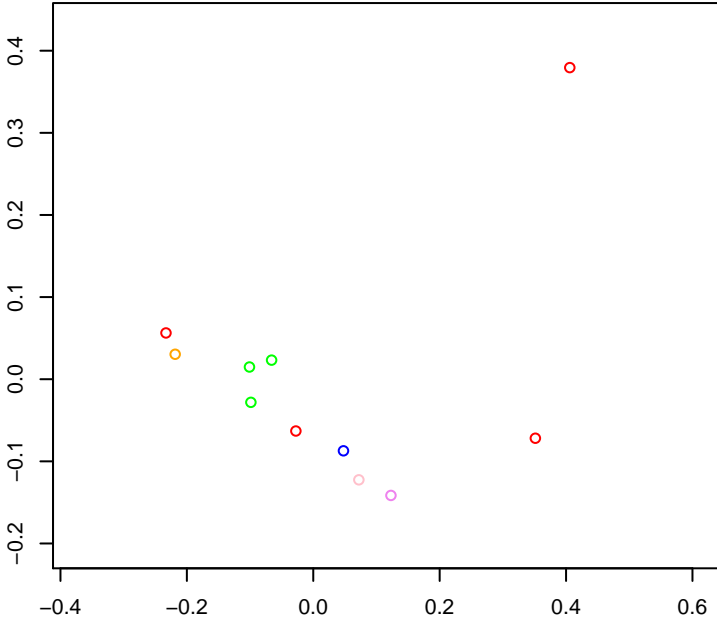- (3) 20–30 [n=2]
- (4) 30–40 [n=1]
- (5) 40–50 [n=7]

CRP

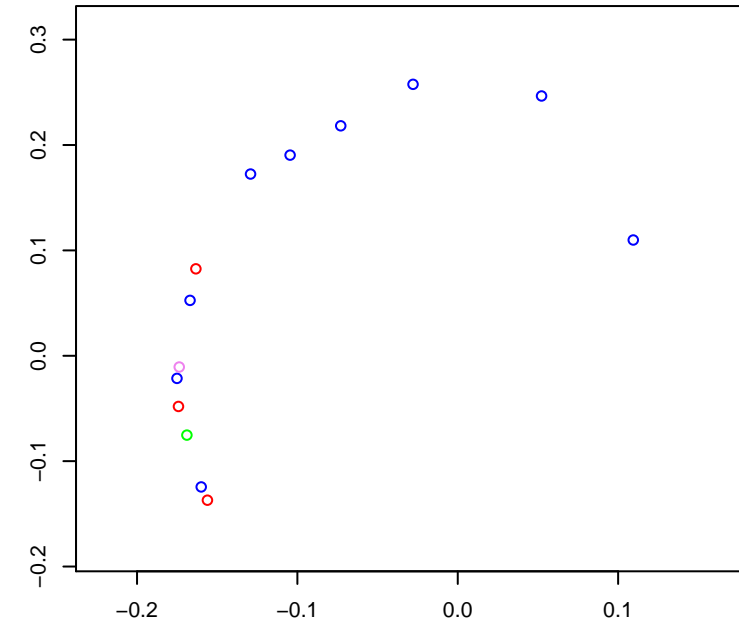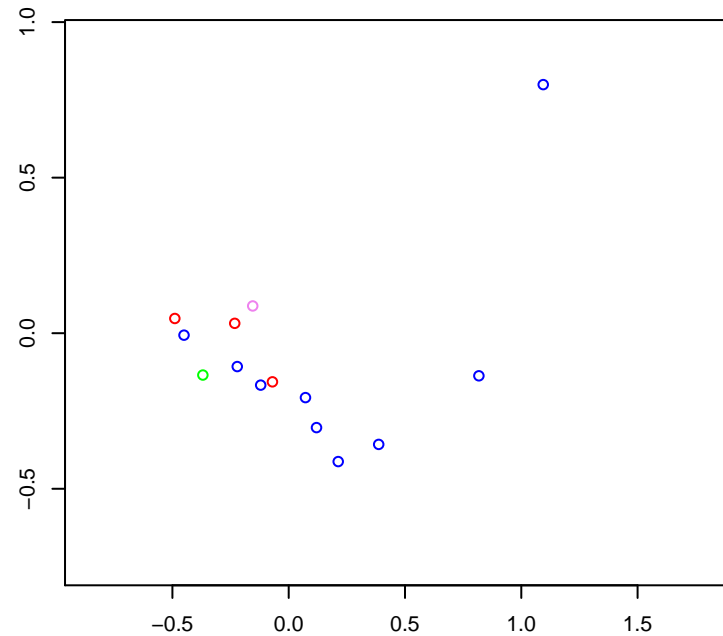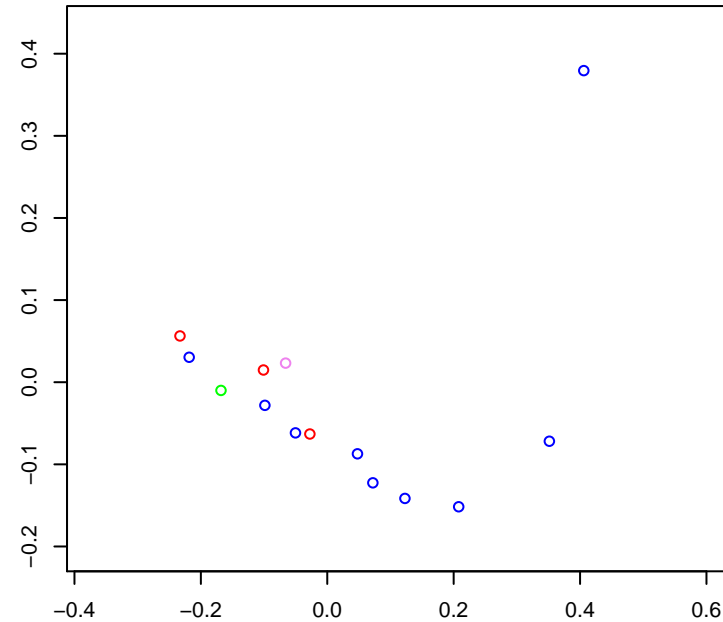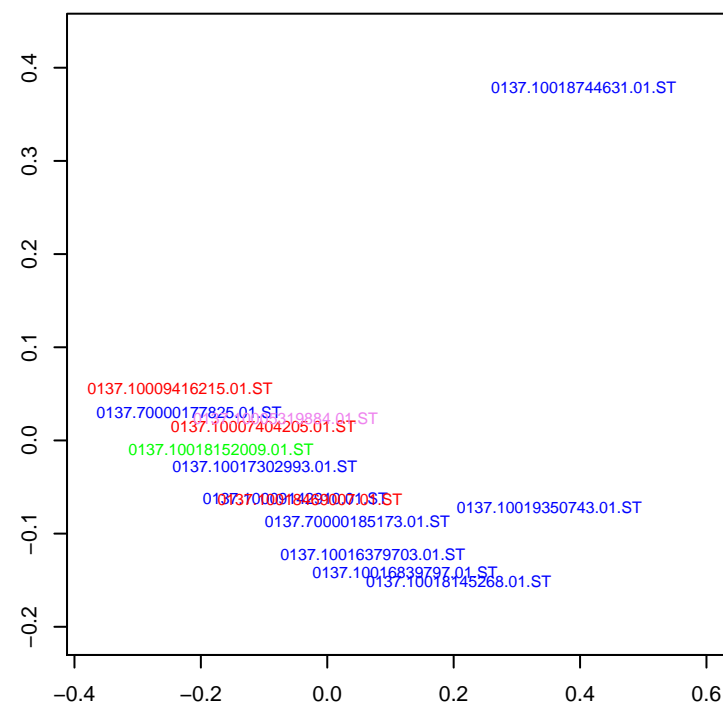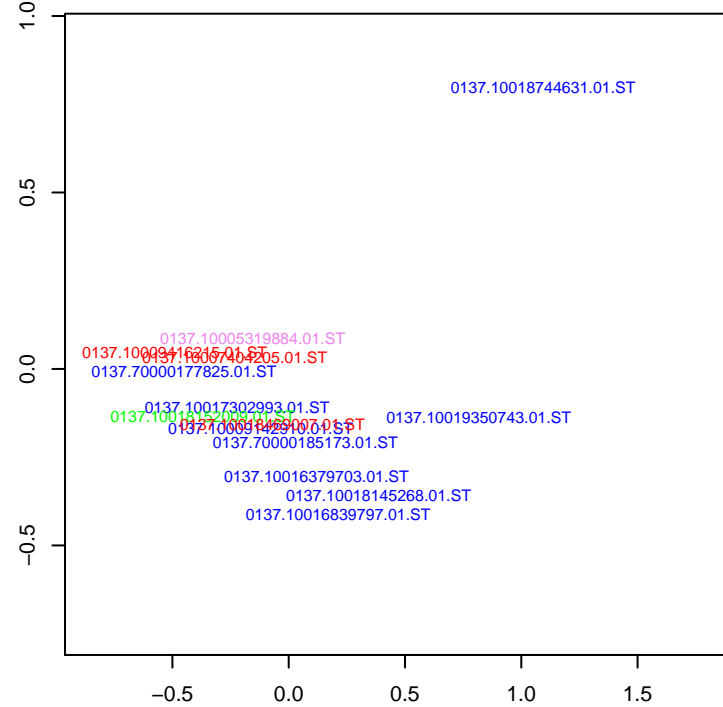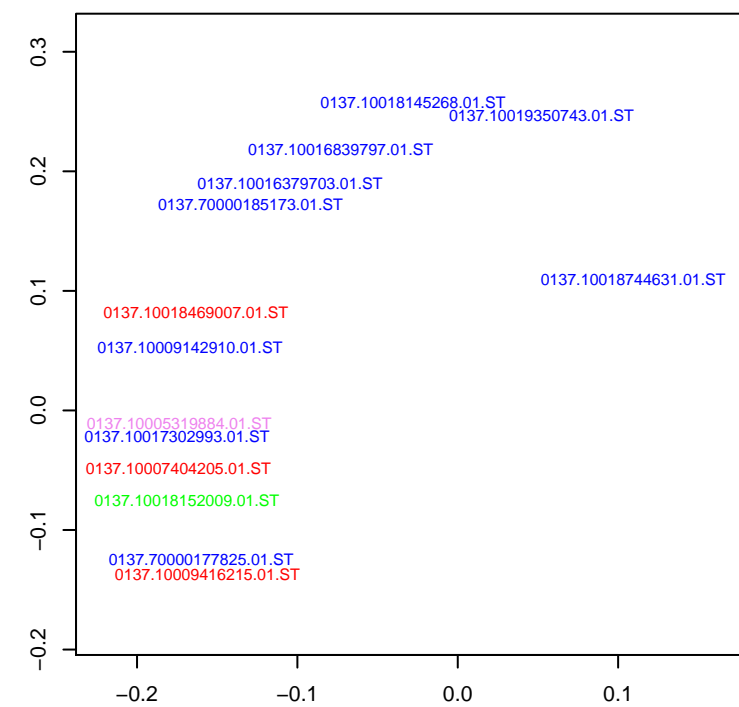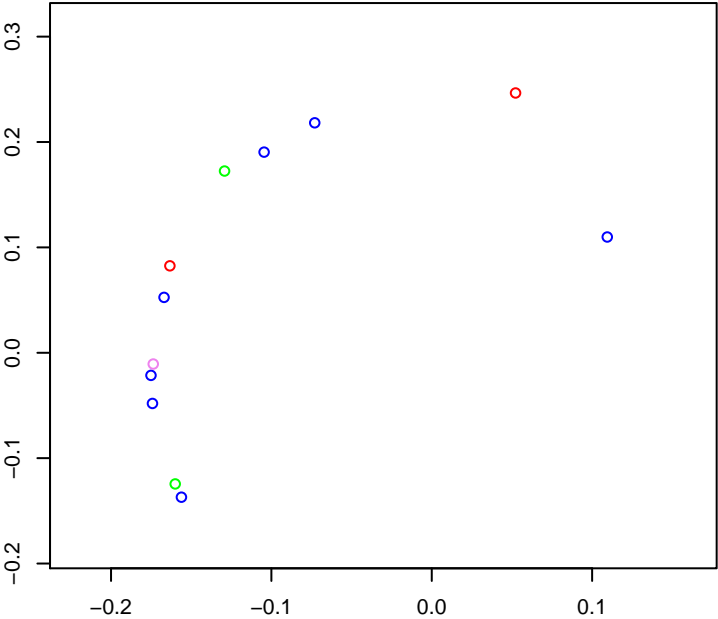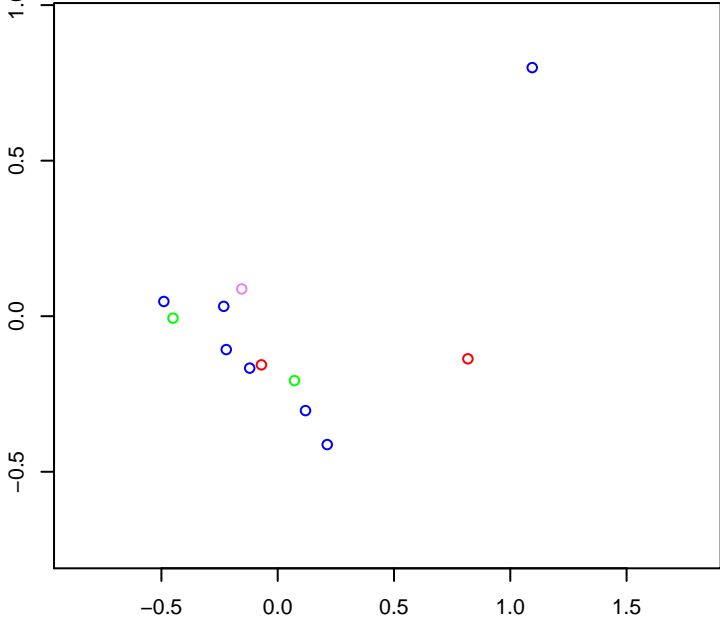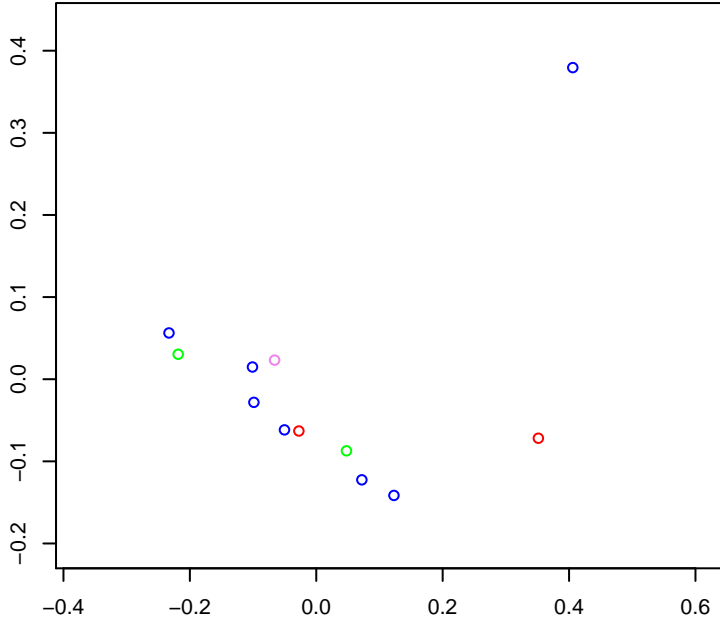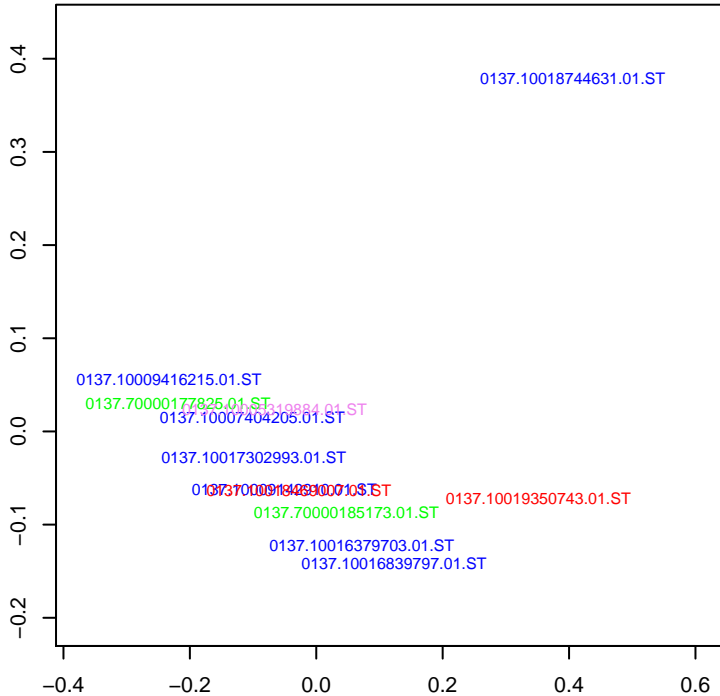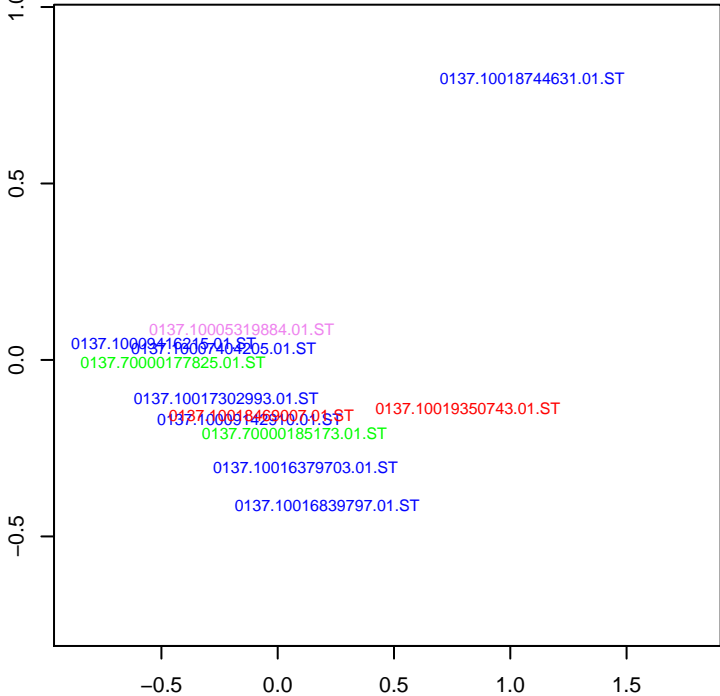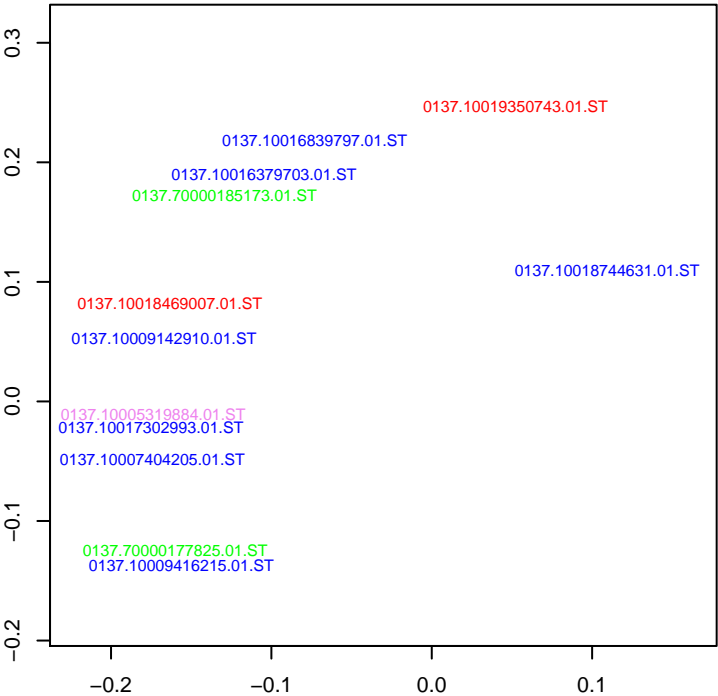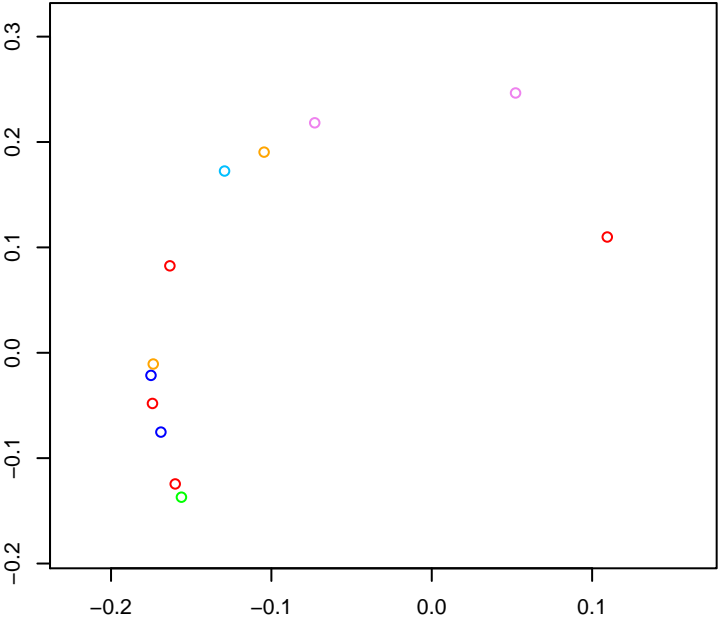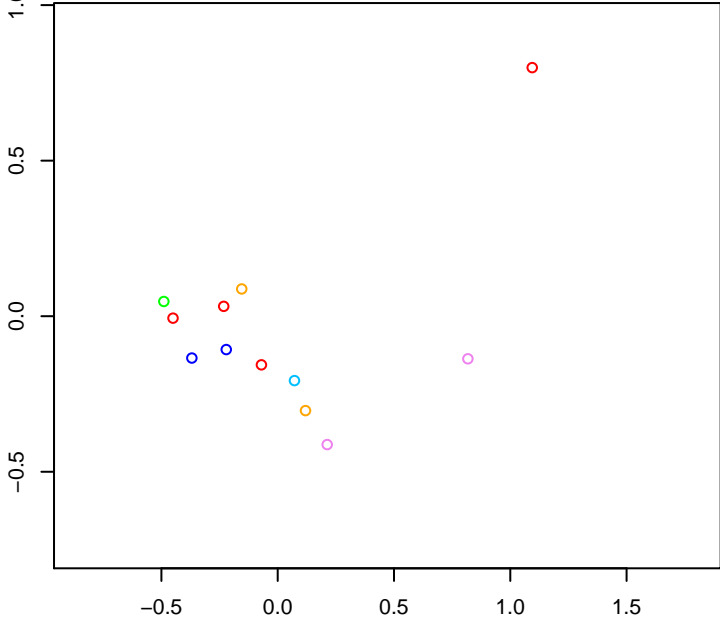PCA (Principal Comp Analysis) | Non-metric MDS | PCoA (Classical MDS)

Legend:
- (1) 0–2 [n=2]
- (2) 2–4 [n=4]
- (3) 4–6 [n=1]
- (4) 6–8 [n=2]
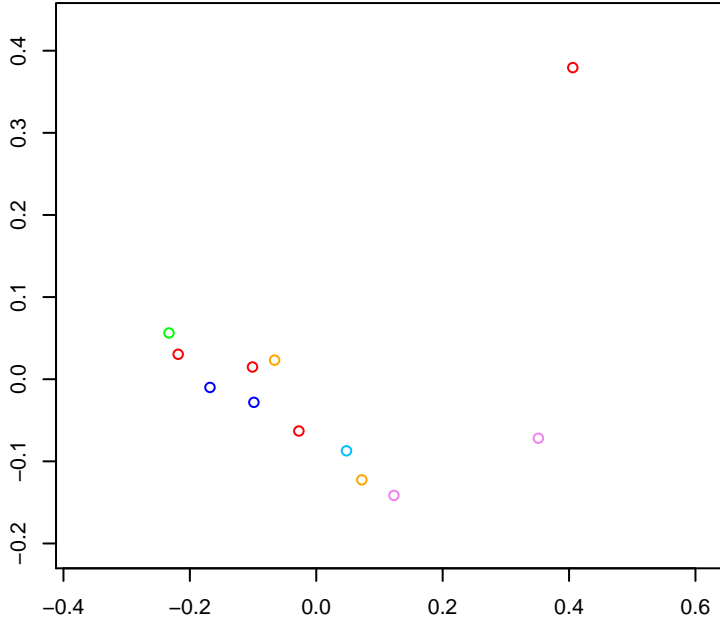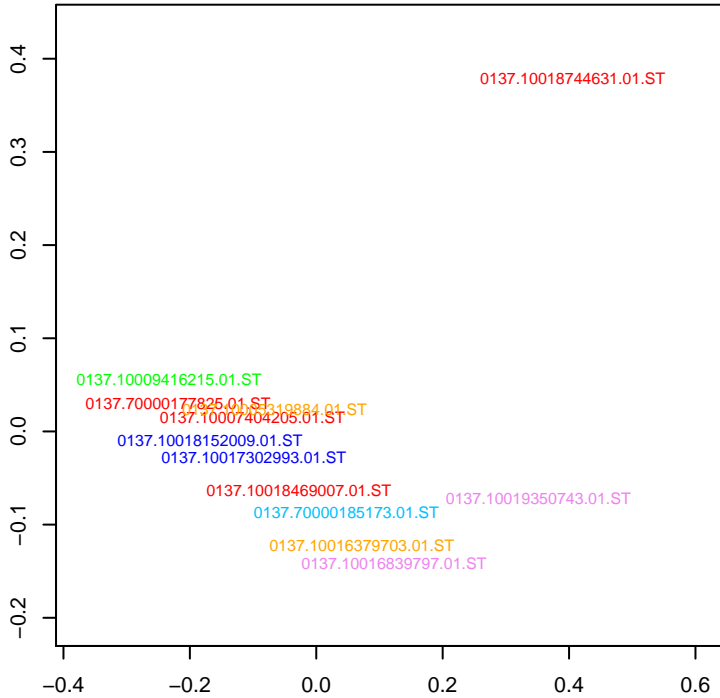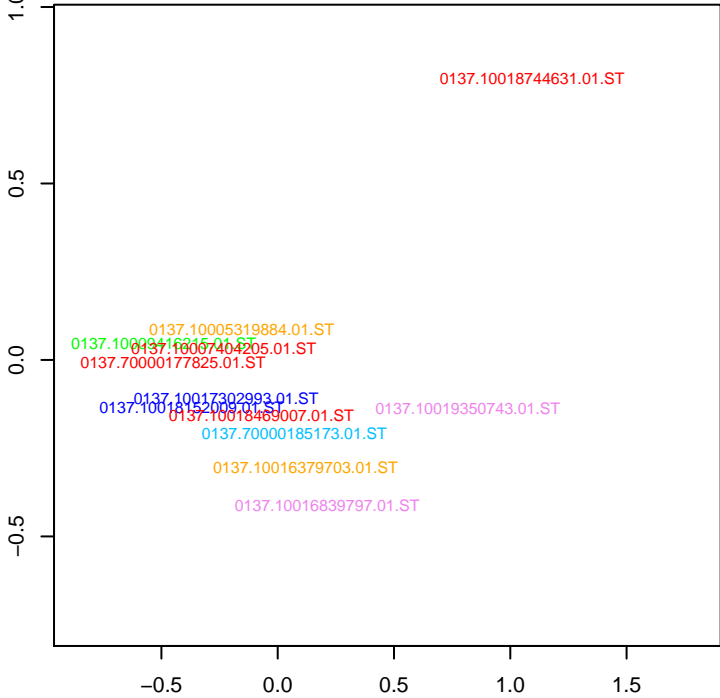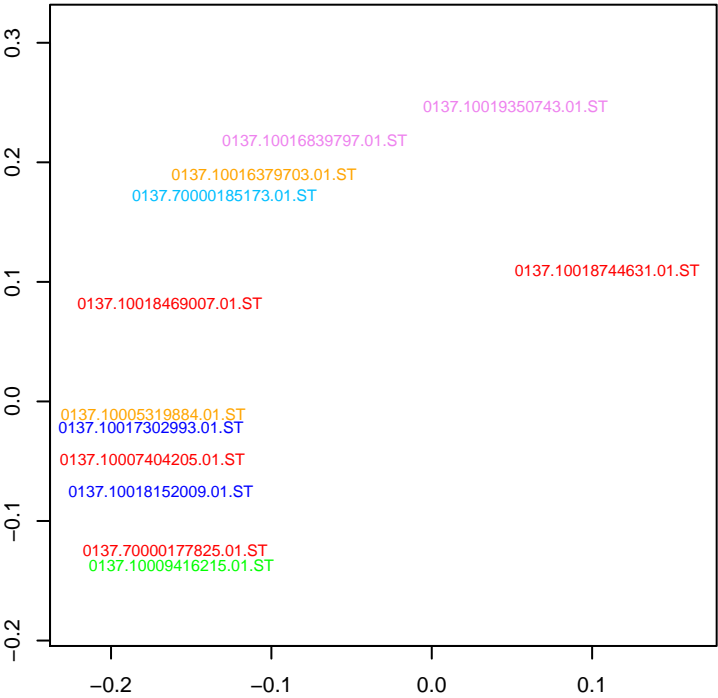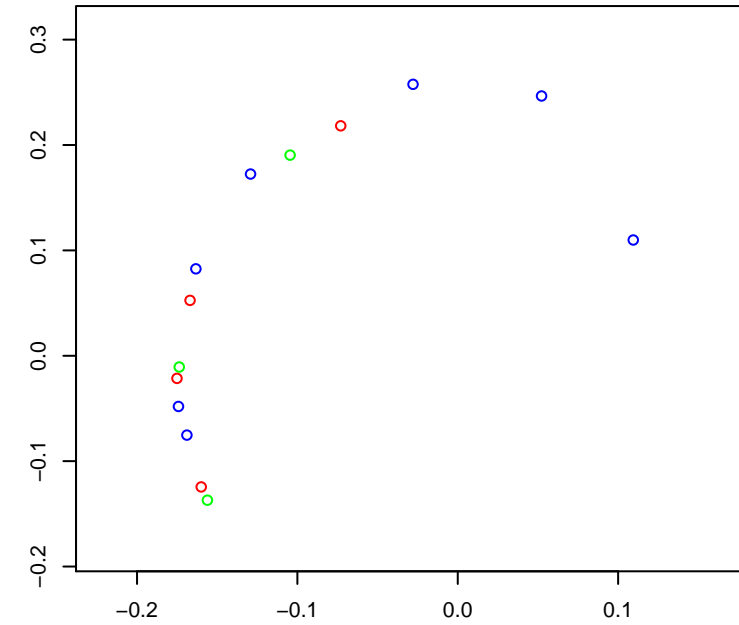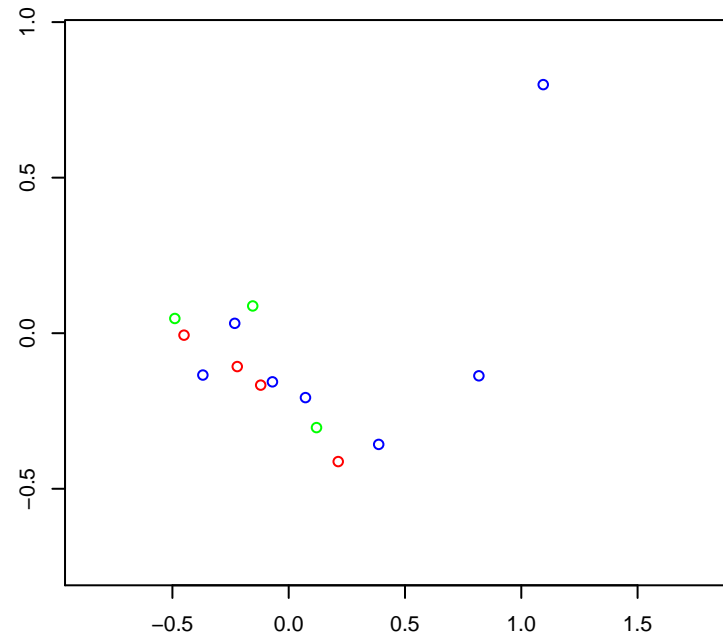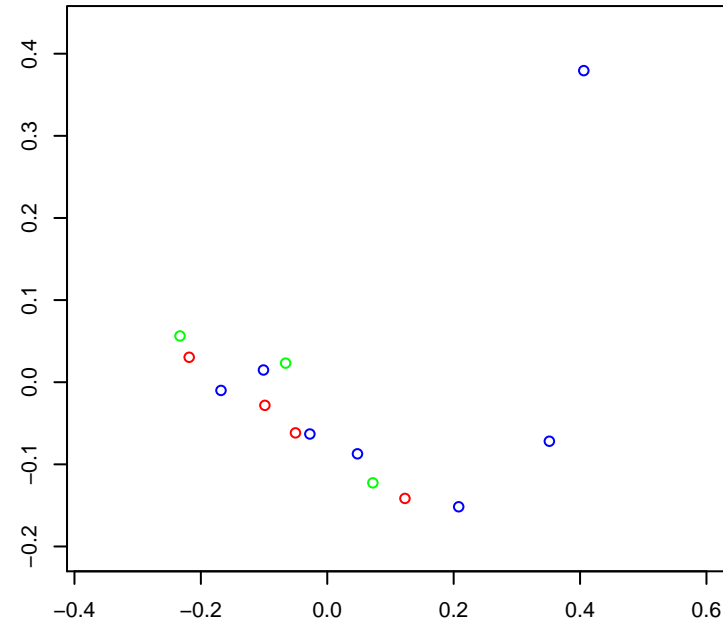- (5) 8–10 [n=2]
- (6) 10–12 [n=1]
- (7) 12–14 [n=2]
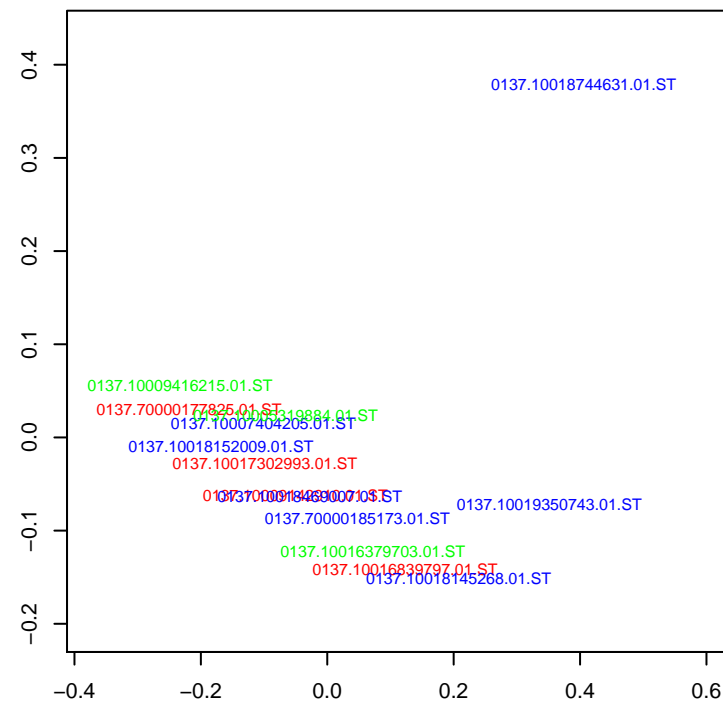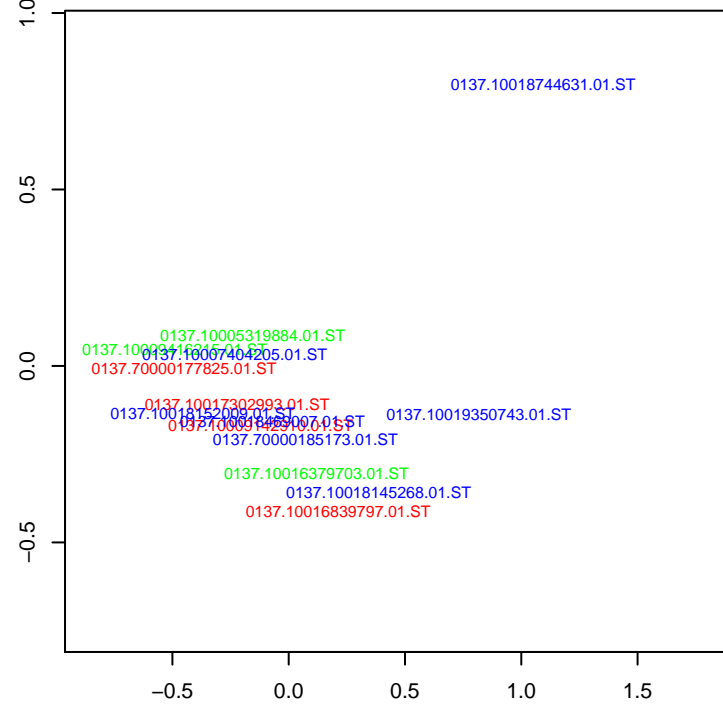
WBC
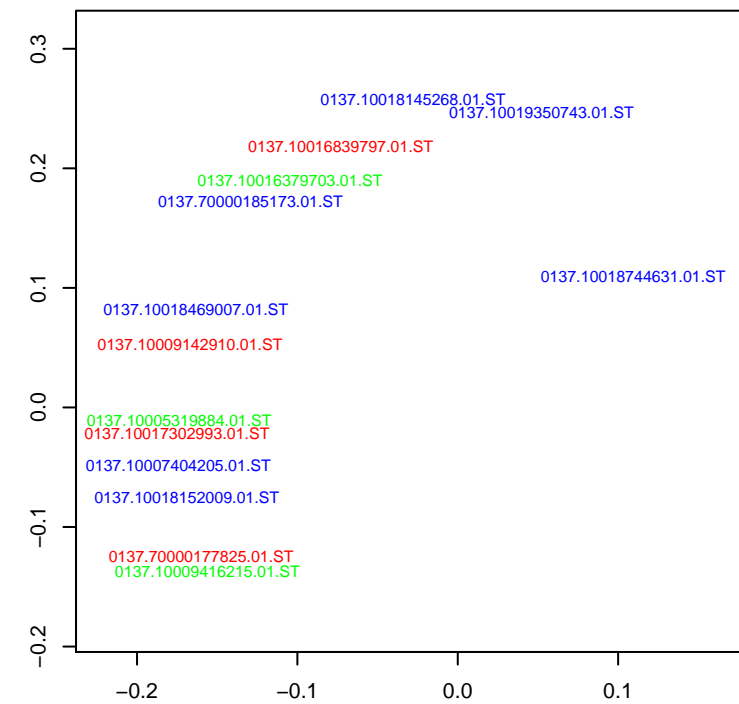
LDH

PCA (Principal Comp Analysis)
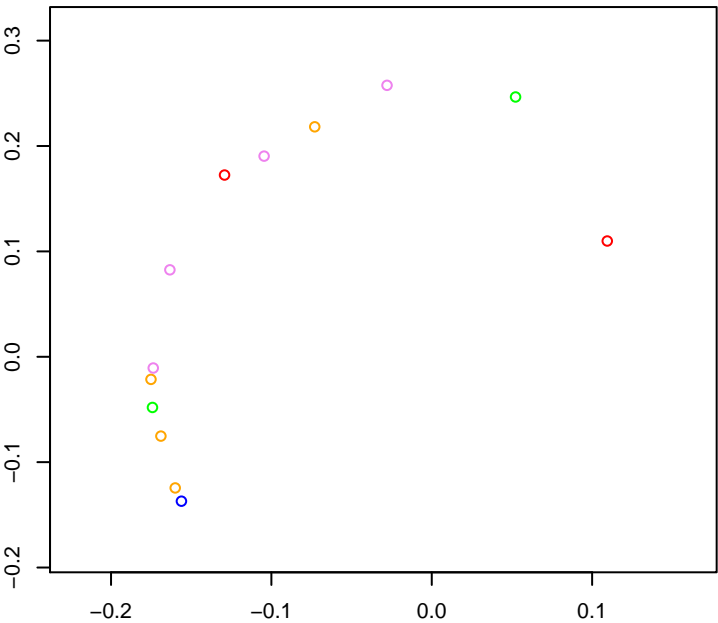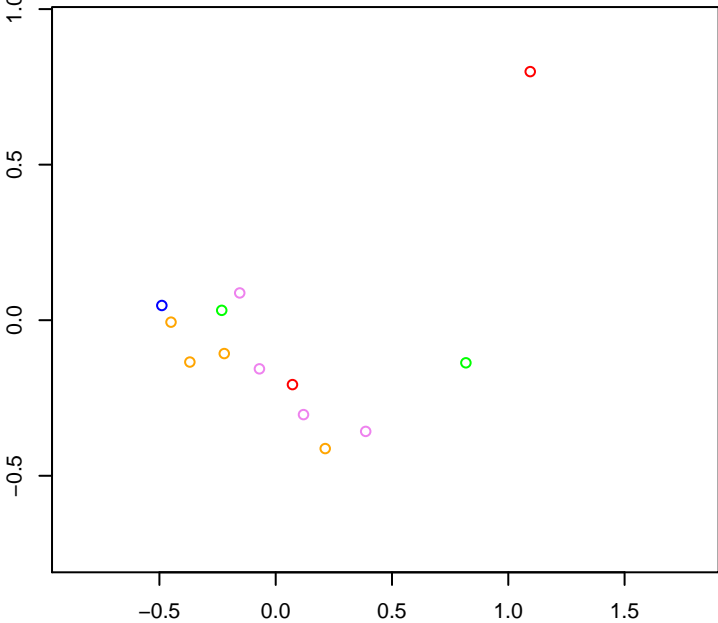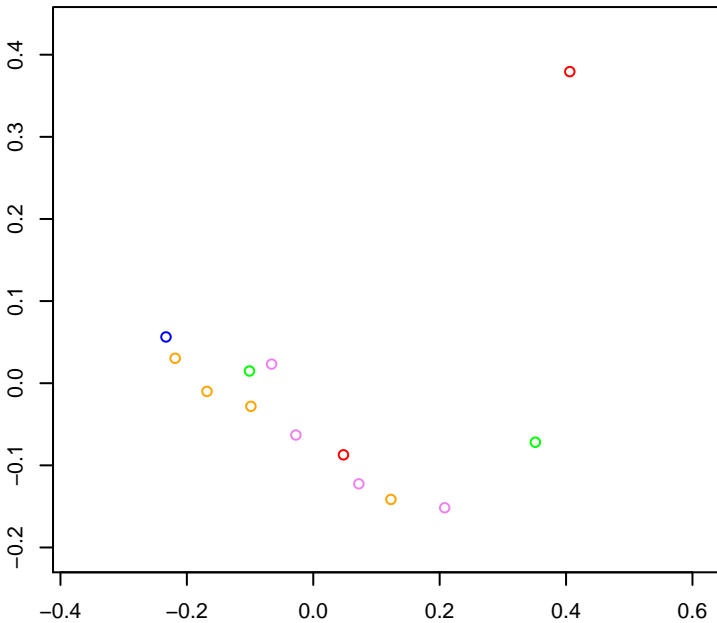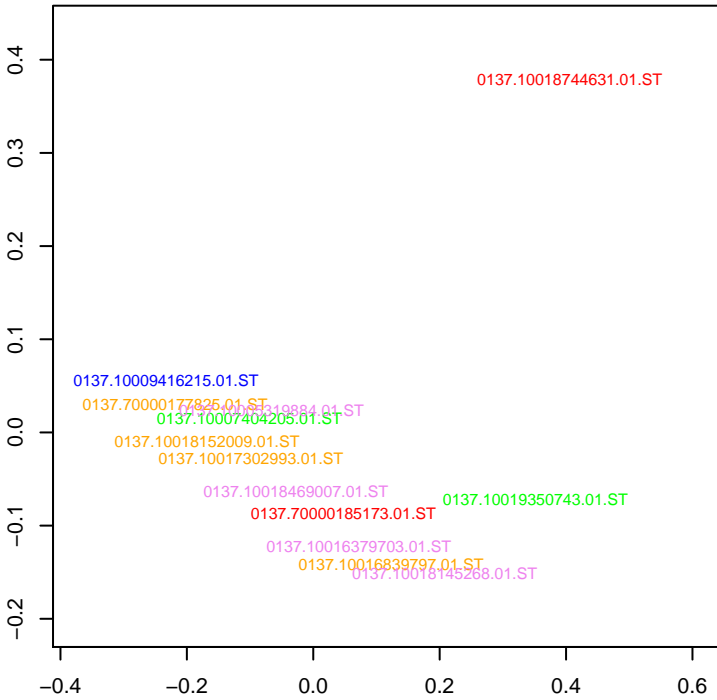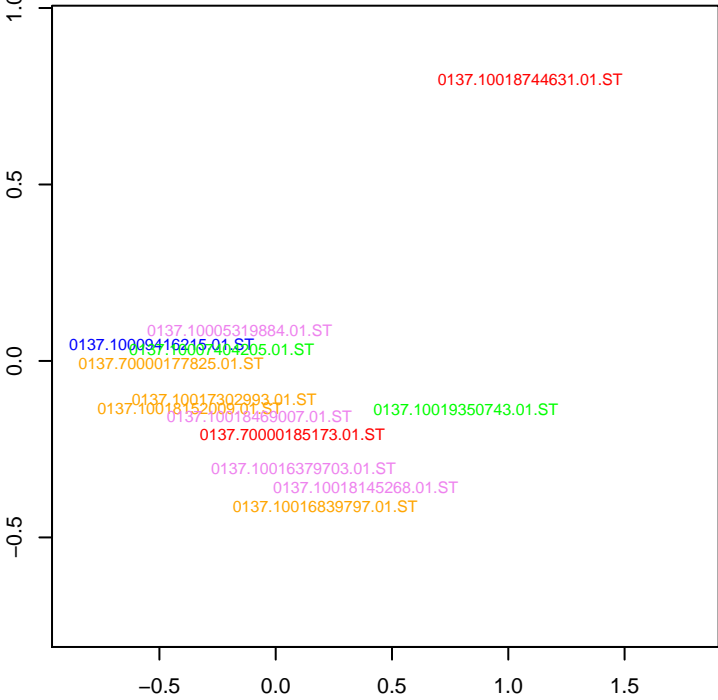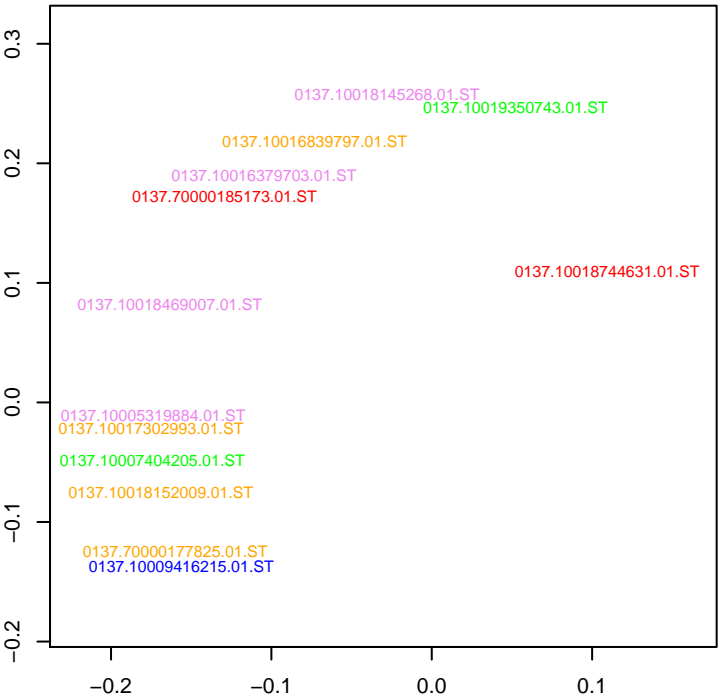
Non−metric MDS

PCoA (Classical MDS)

- ■ (1) 100−200 [n=1]
- ■ (2) 200−300 [n=2]
- ■ (3) 300−400 [n=2]
- ■ (4) 400−500 [n=4]
- ■ (5) 500−600 [n=4]

0137.10018145268.01.ST
0137.10019350743.01.ST
0137.10016839797.01.ST
0137.10016379703.01.ST
0137.70000185173.01.ST
0137.10018744631.01.ST
0137.10018469007.01.ST
0137.10005319884.01.ST
0137.10017302993.01.ST
0137.10007404205.01.ST
0137.10018152009.01.ST
0137.70000177825.01.ST
0137.10009416215.01.ST

0137.10018744631.01.ST
0137.10005319884.01.ST
0137.10009416215.01.ST
0137.70000177825.01.ST
0137.10017302993.01.ST
0137.10018152009.01.ST
0137.10018469007.01.ST
0137.10019350743.01.ST
0137.70000185173.01.ST
0137.10016379703.01.ST
0137.10018145268.01.ST
0137.10016839797.01.ST

0137.10018744631.01.ST
0137.10009416215.01.ST
0137.70000177825.01.ST
0137.10005319884.01.ST
0137.10007404205.01.ST
0137.10018152009.01.ST
0137.10017302993.01.ST
0137.10018469007.01.ST
0137.10019350743.01.ST
0137.70000185173.01.ST
0137.10016379703.01.ST
0137.10016839797.01.ST
0137.10018145268.01.ST

Hapto

Type

PCA (Principal Comp Analysis) | Non−metric MDS | PCoA (Classical MDS)

Legend:
- AS [n=15] (blue)
- SC [n=5] (red)
- SS [n=9] (green)
- Sthal [n=15] (orange)

Neut

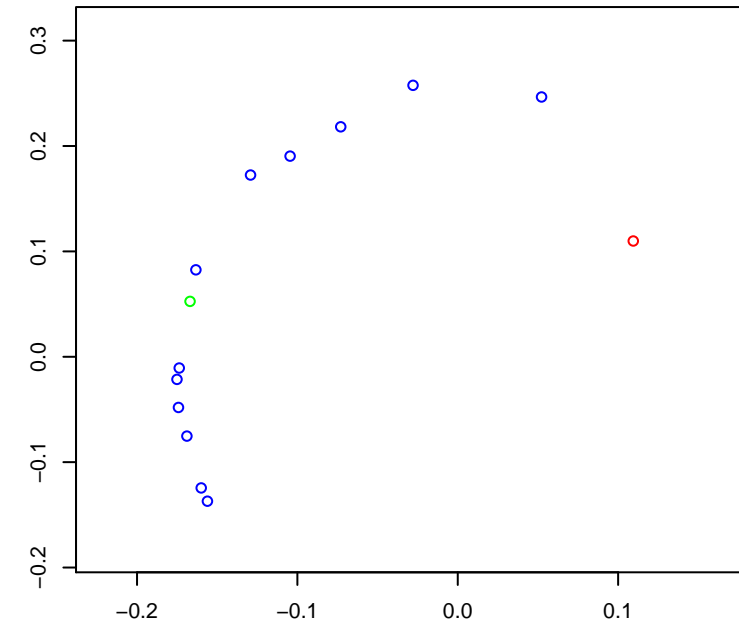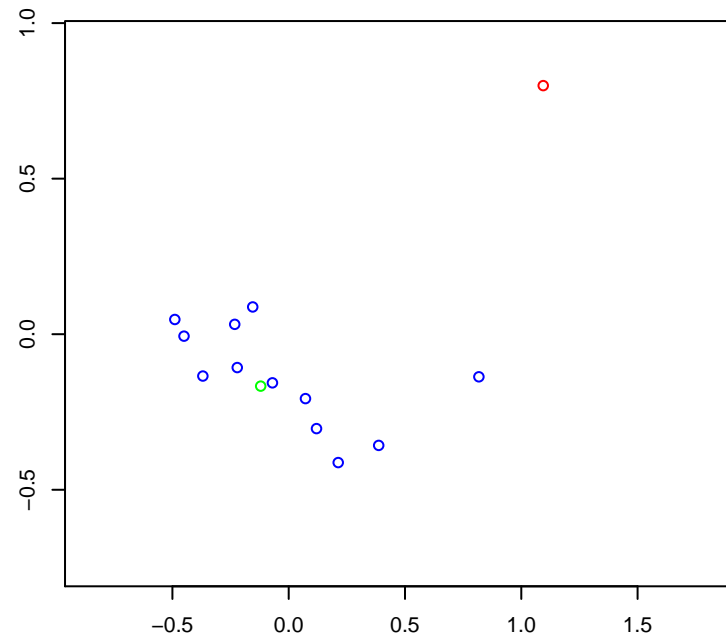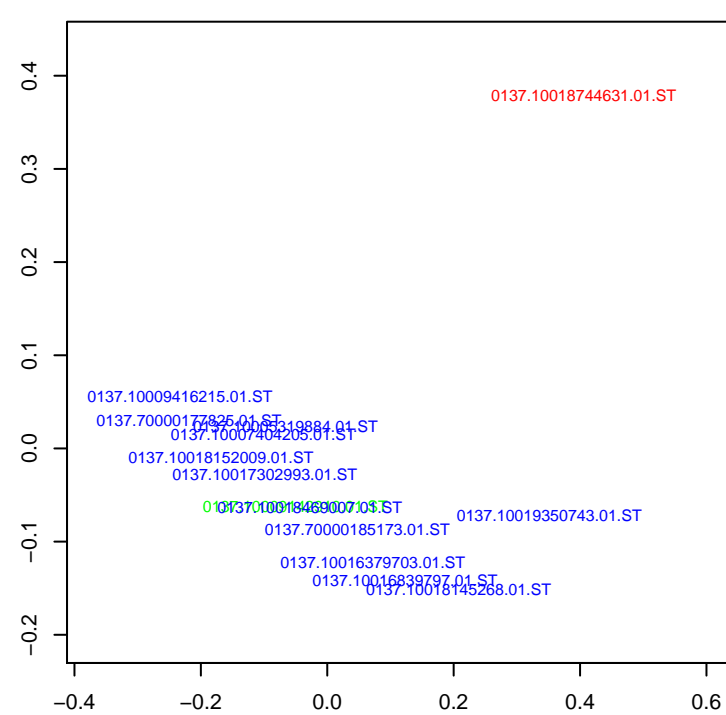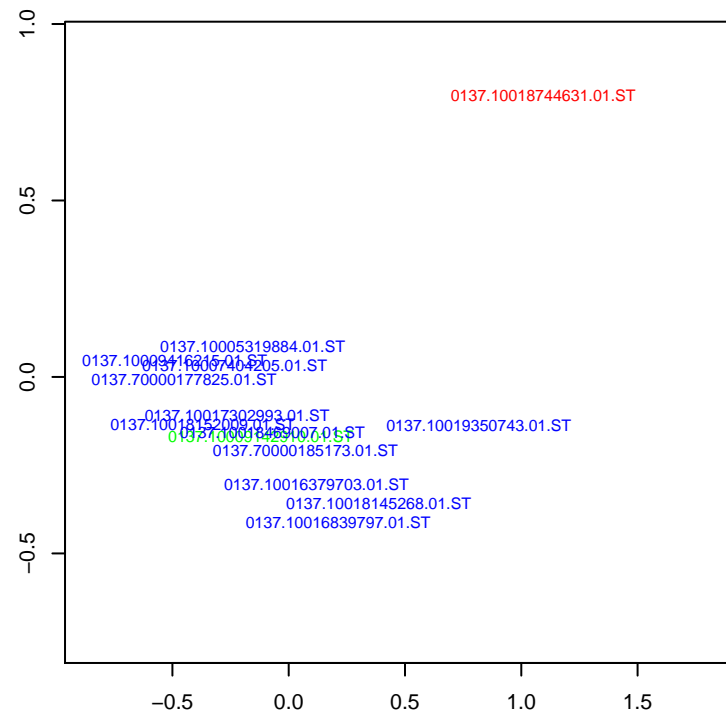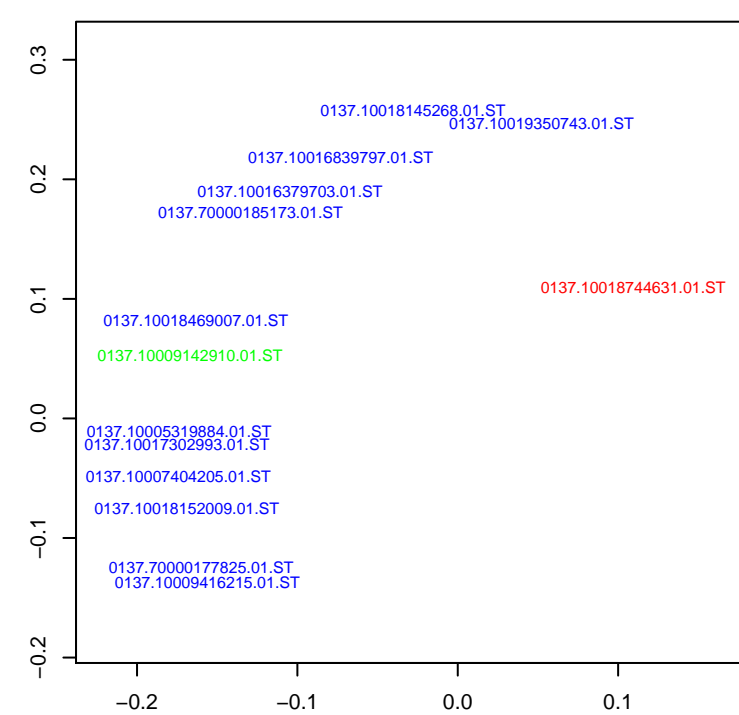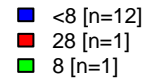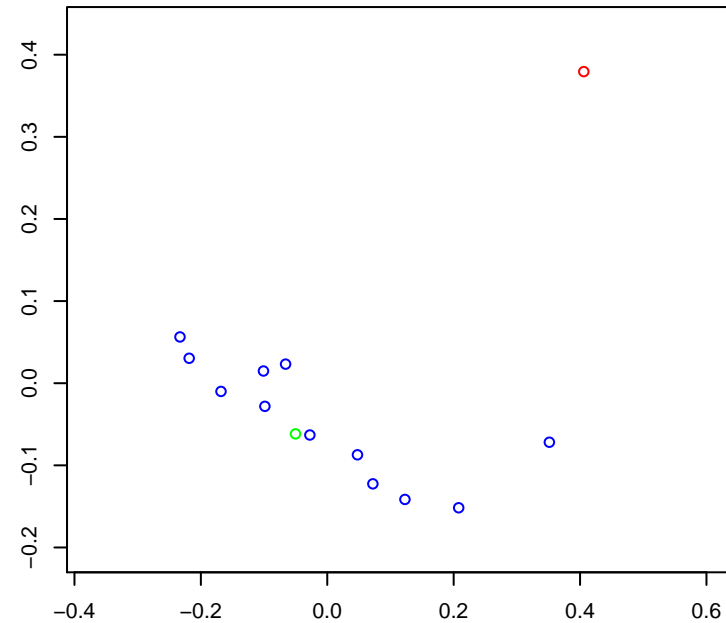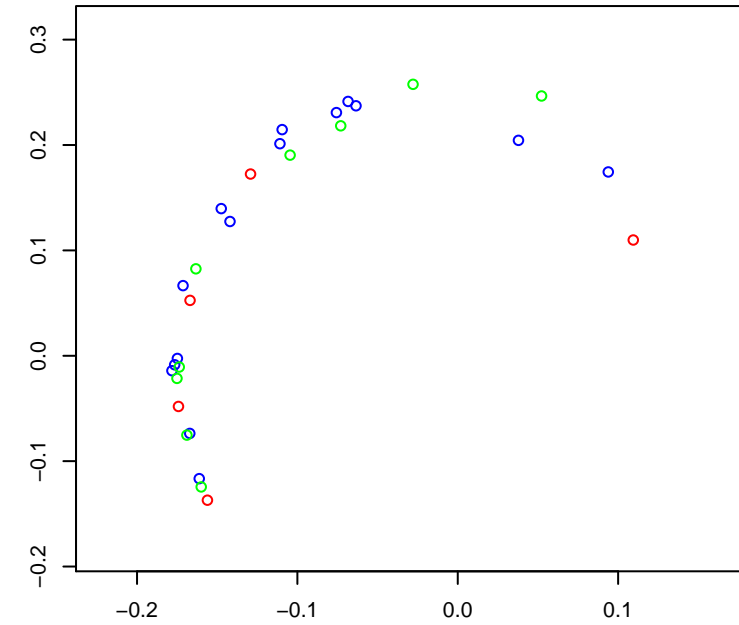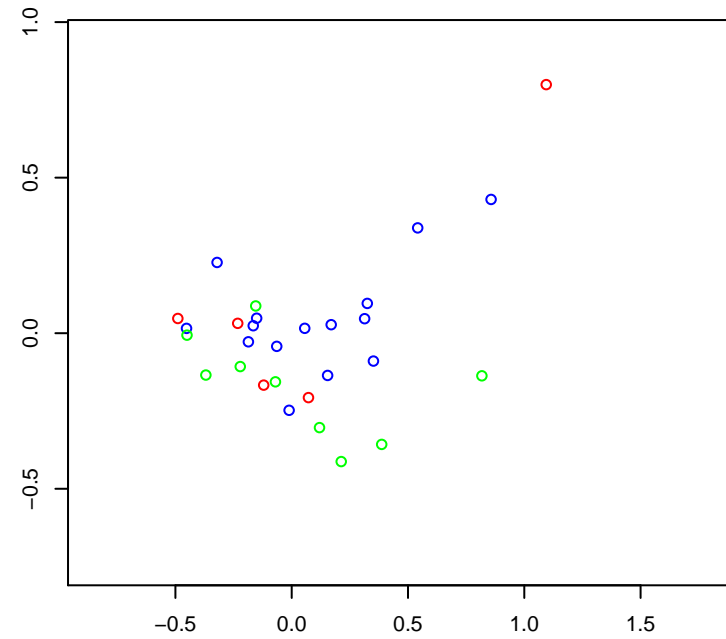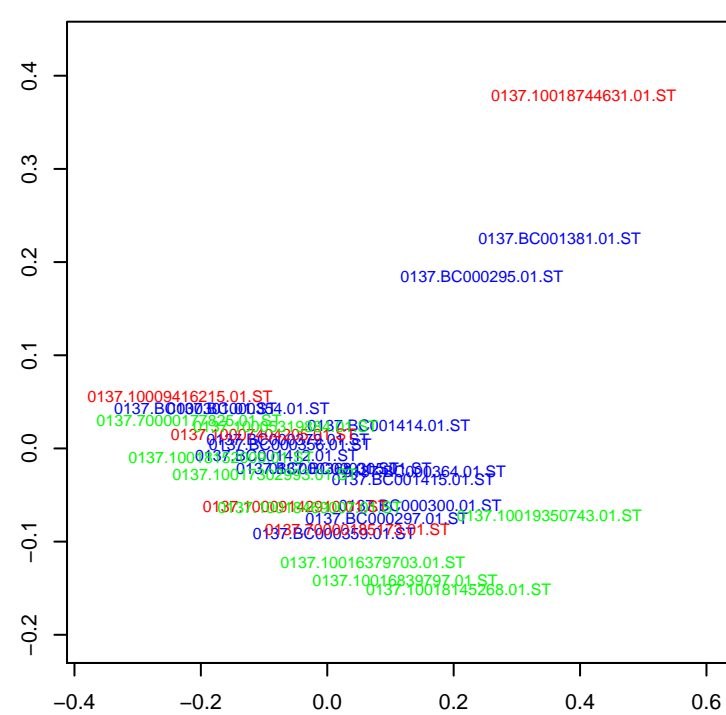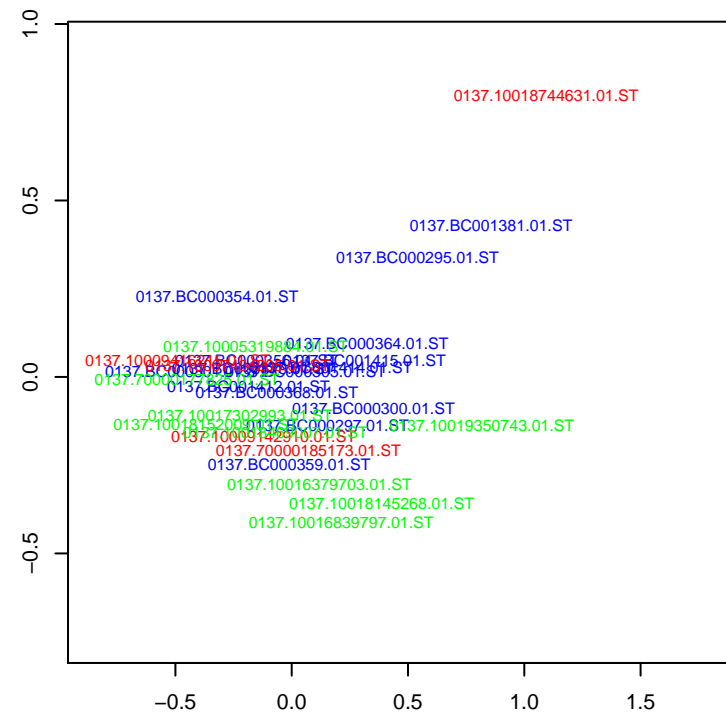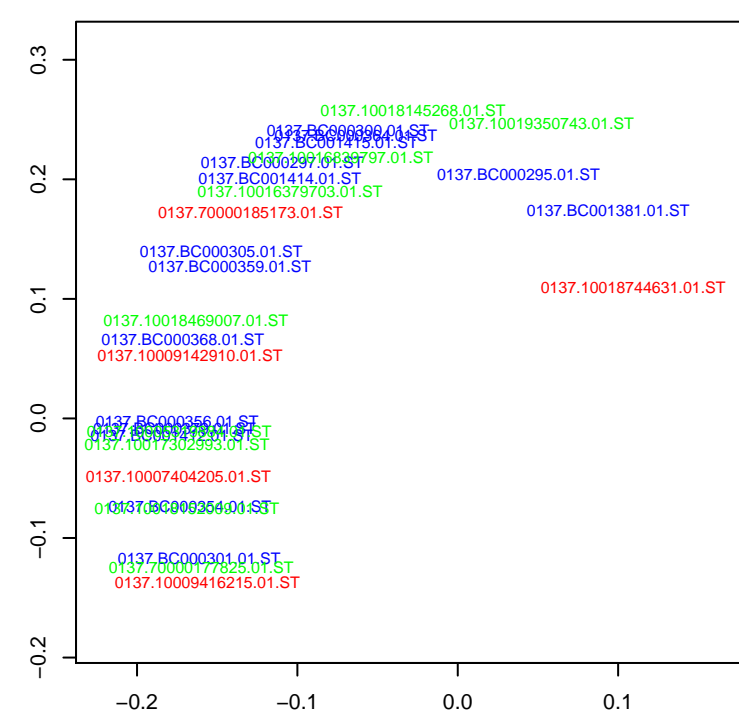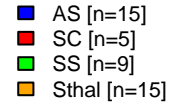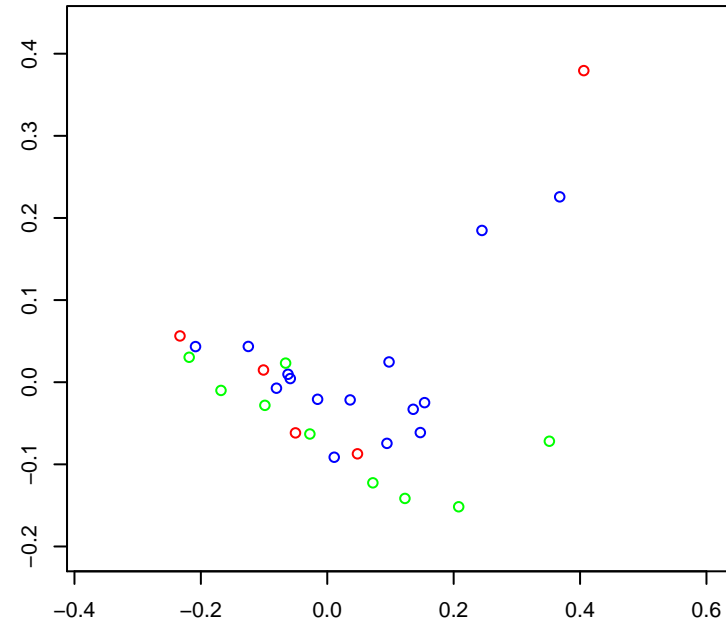PCA (Principal Comp Analysis) — Non-metric MDS — PCoA (Classical MDS)
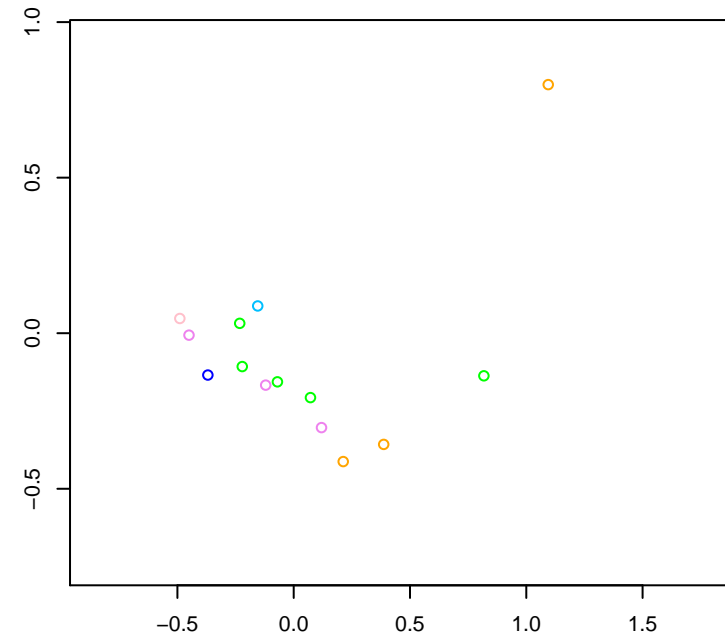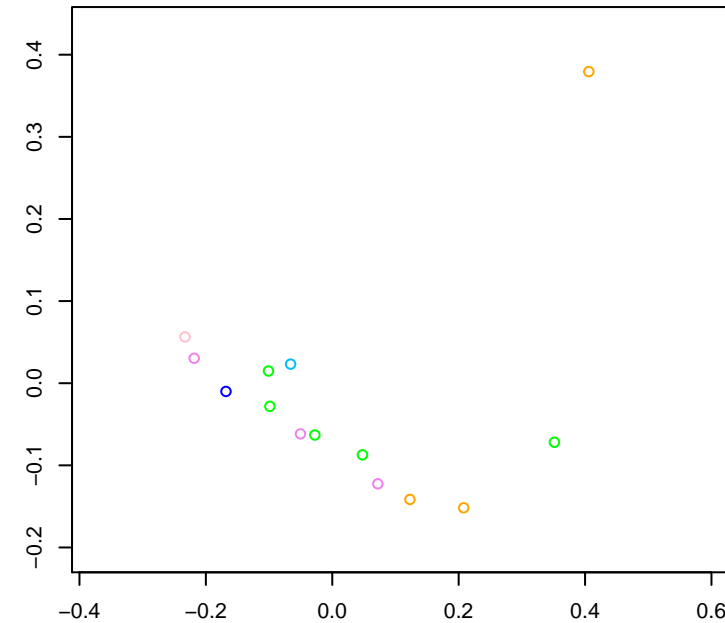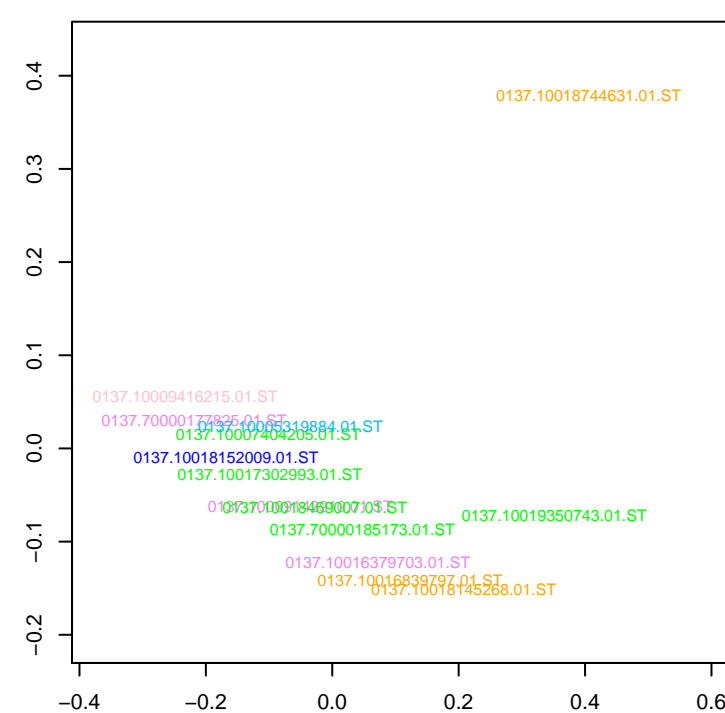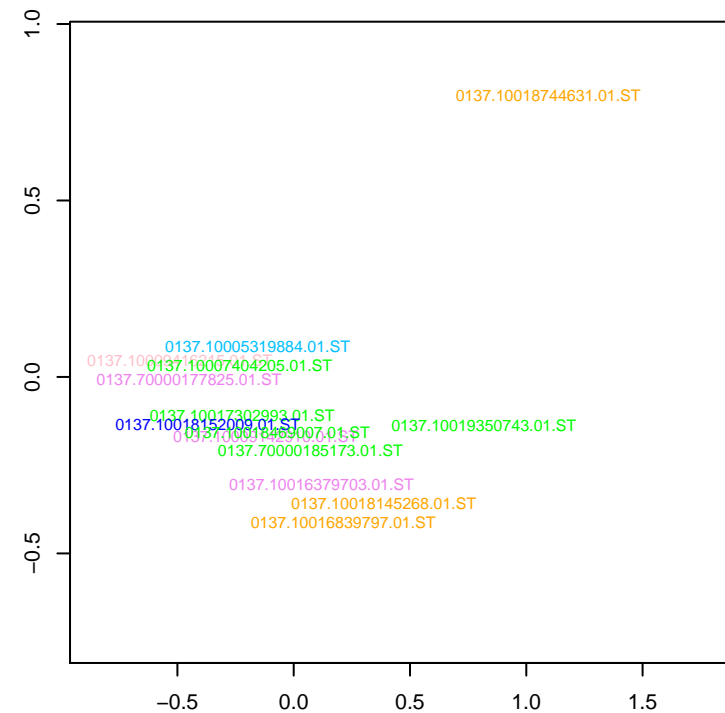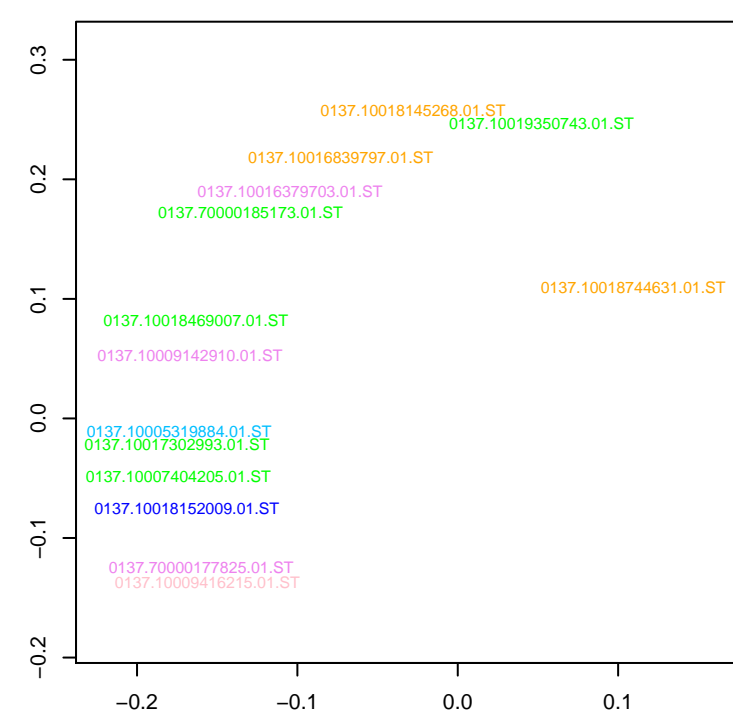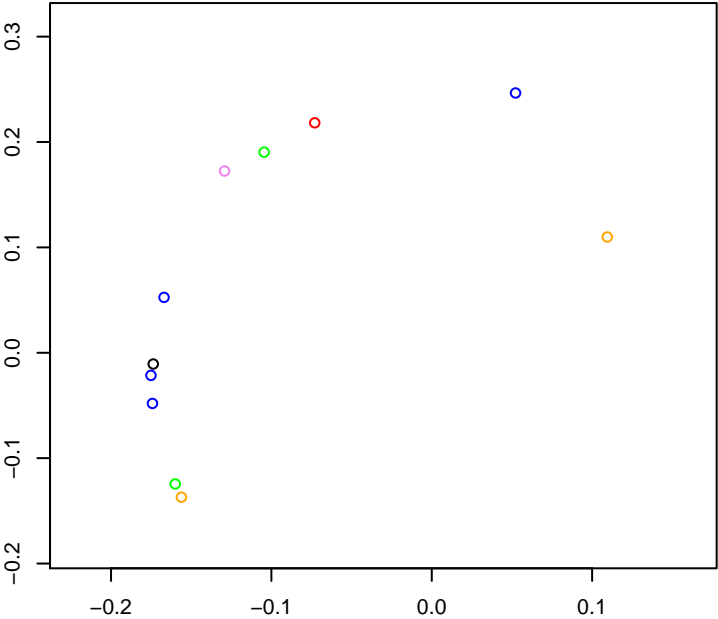
Legend:
- (1) 0–2 [n=1]
- (2) 2–4 [n=5]
- (3) 4–6 [n=3]
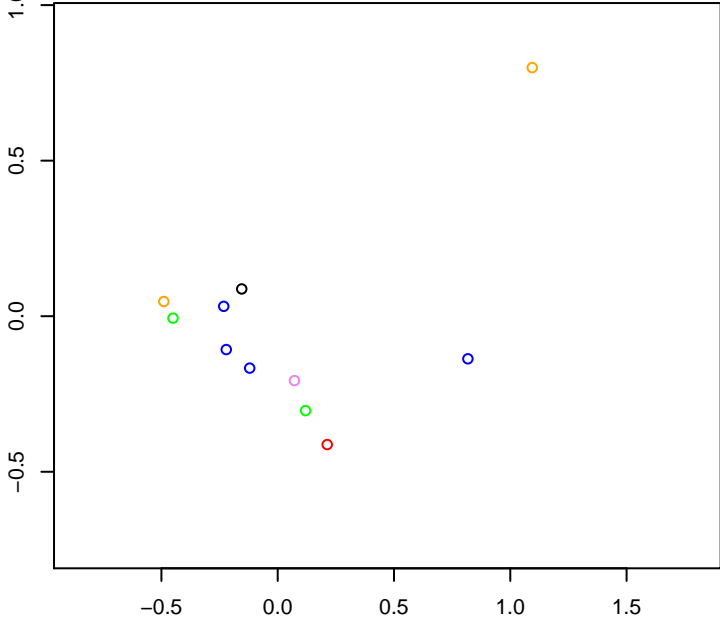- (4) 6–8 [n=3]
- (5) 8–10 [n=1]
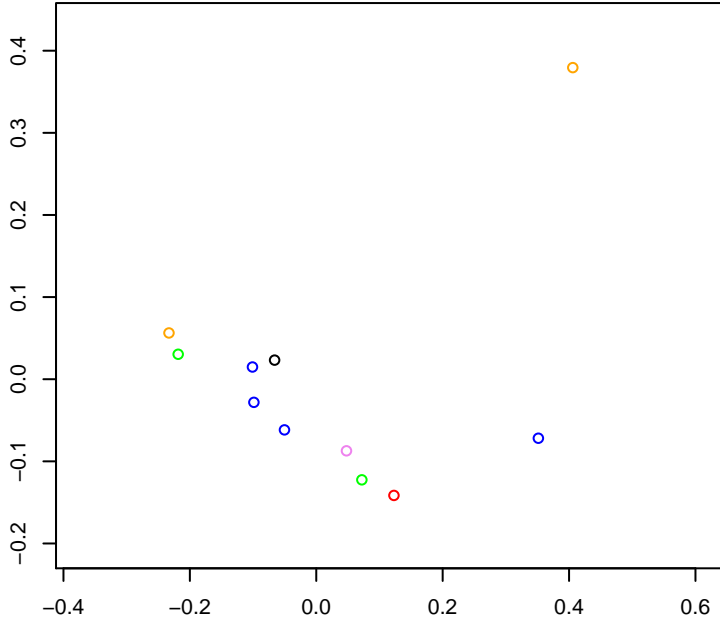- (6) 10–12 [n=1]
- (7) 12–14 [n=1]
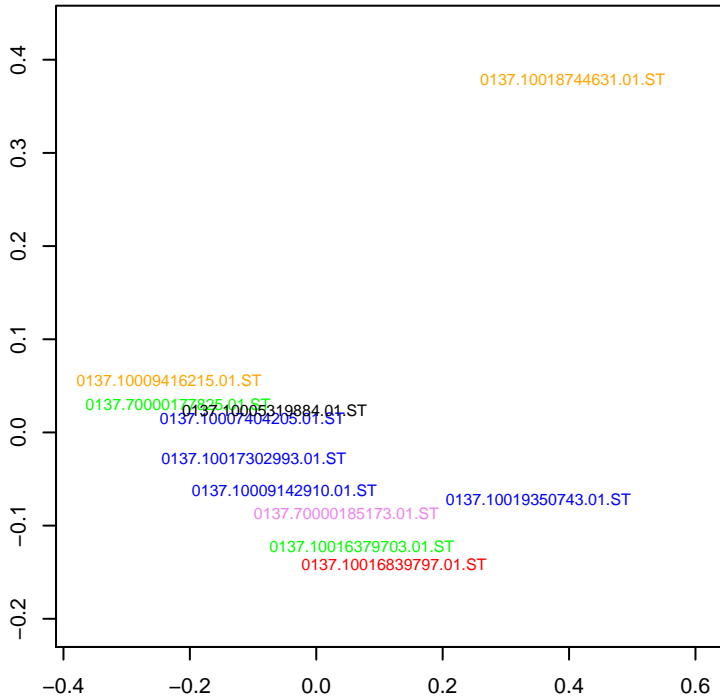
SCChi_CD16
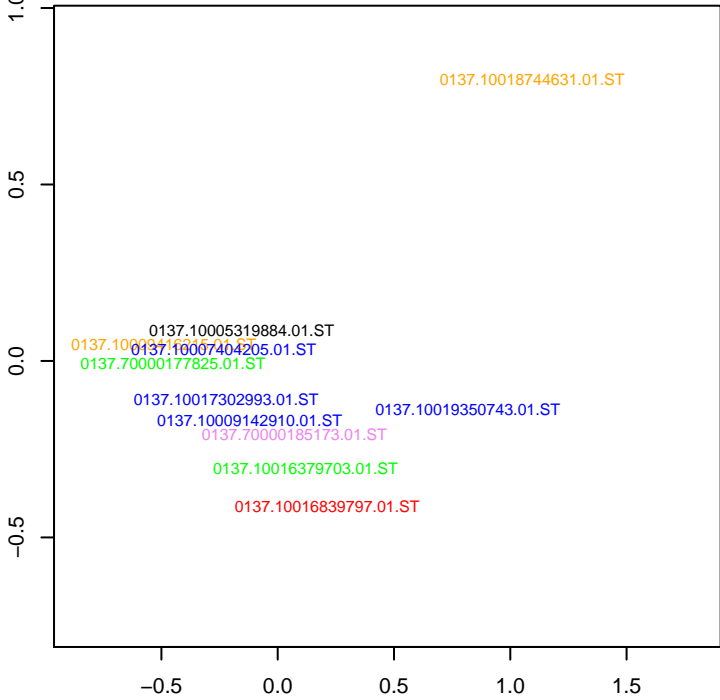

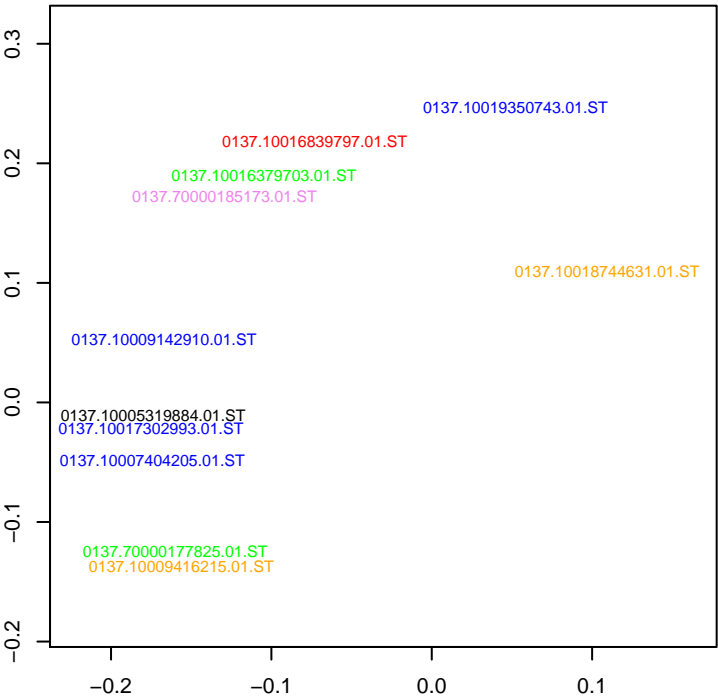## PCA (Principal Comp Analysis)

Non-metric MDS

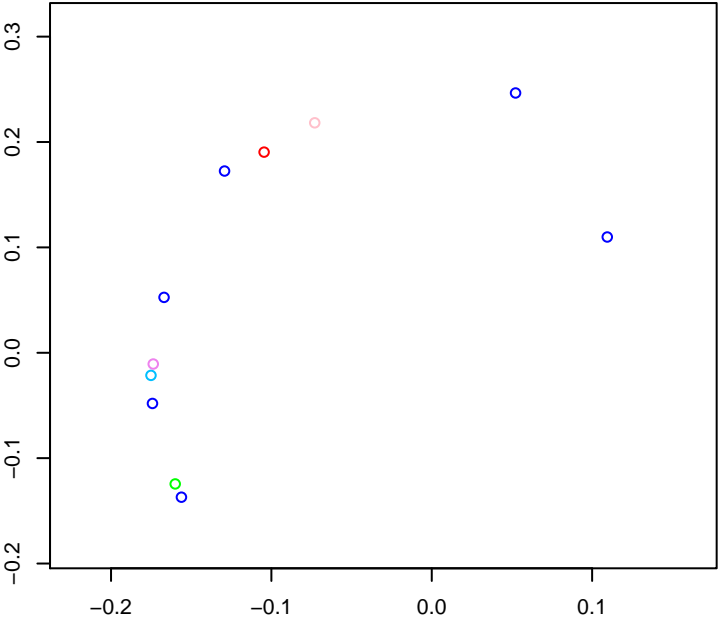## PCoA (Classical MDS)

Legend:
- (1) 0–5 [n=4]
- (2) 5–10 [n=1]
- (3) 10–15 [n=2]
- (4) 15–20 [n=2]
- (5) 20–25 [n=1]
- (6) 25–30 [n=1]
- (7) 30–35 [n=4]
- (8) 35–40 [n=1]

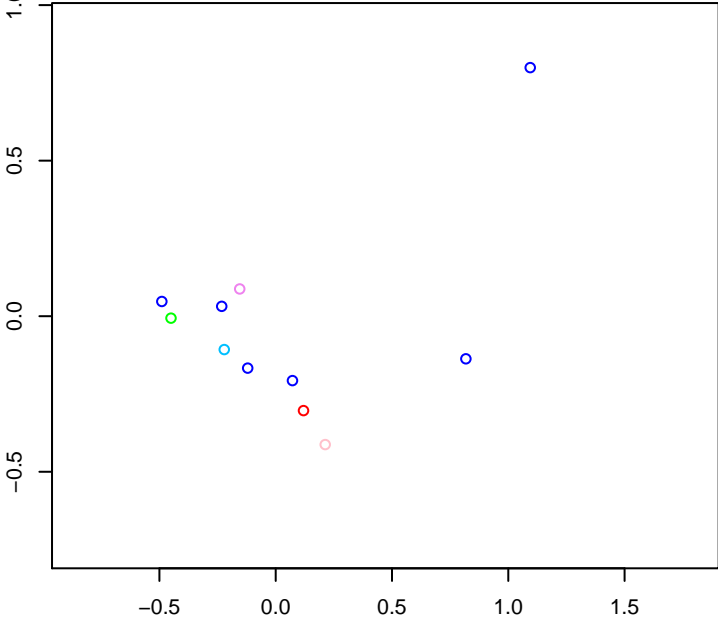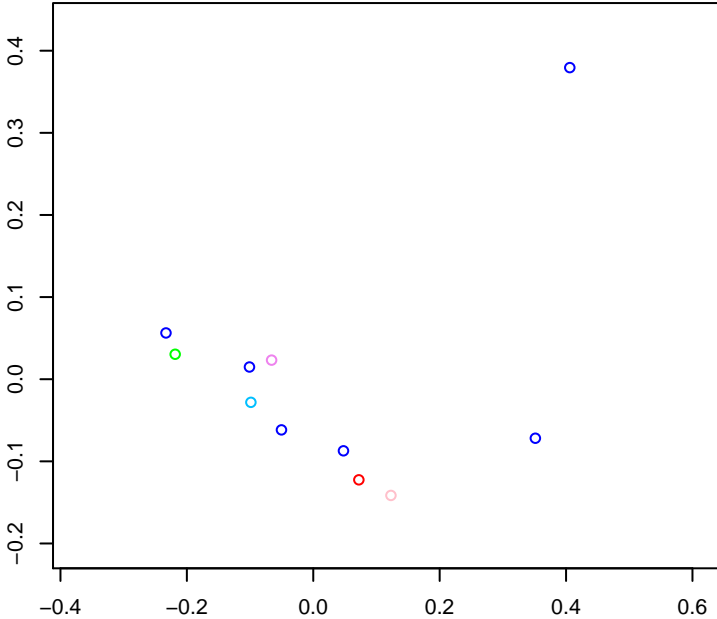**CD62lo_CD11b**
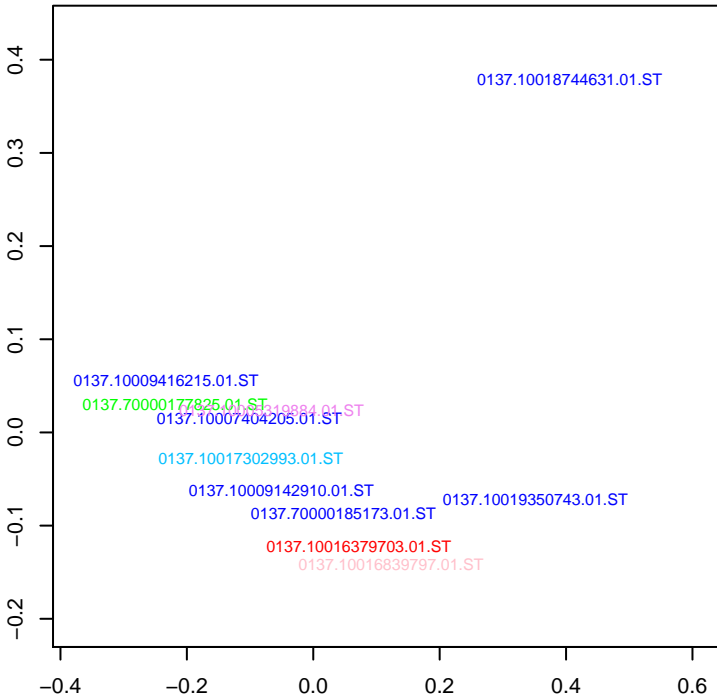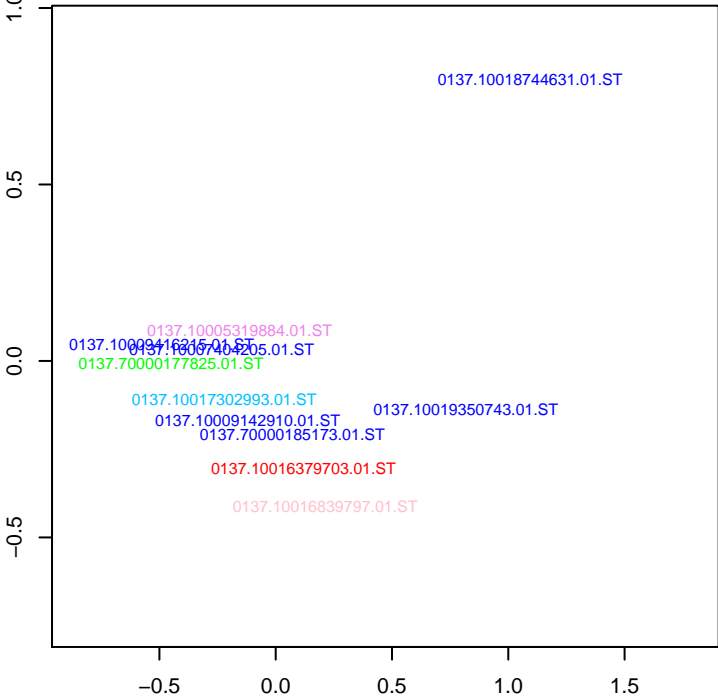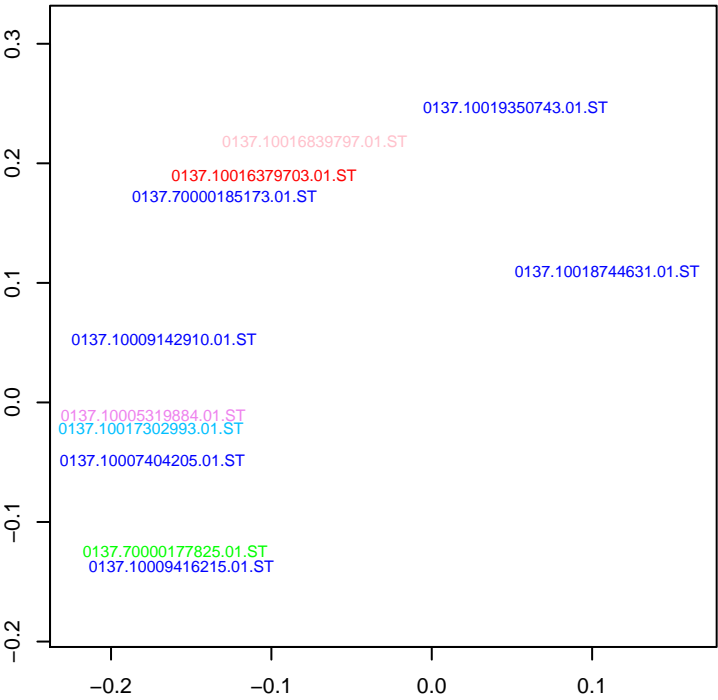
CD62lo_CD184

PCA (Principal Comp Analysis)   **Non−metric MDS**   **PCoA (Classical MDS)**
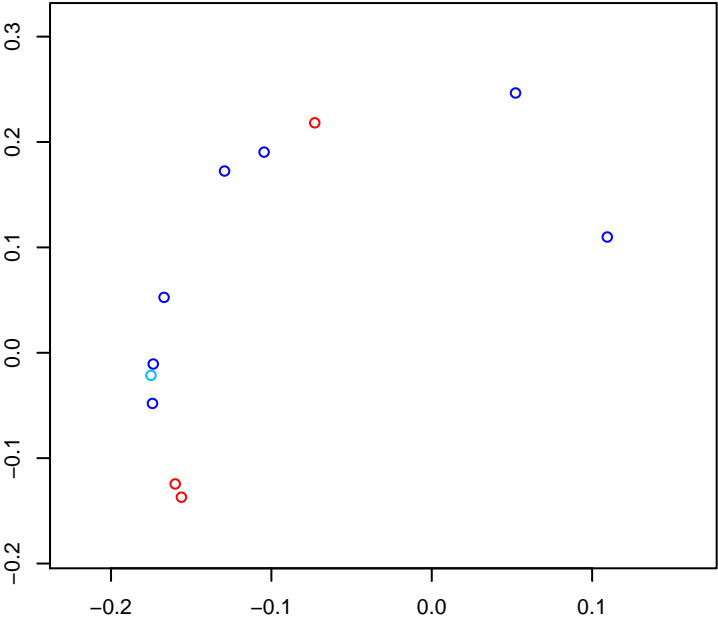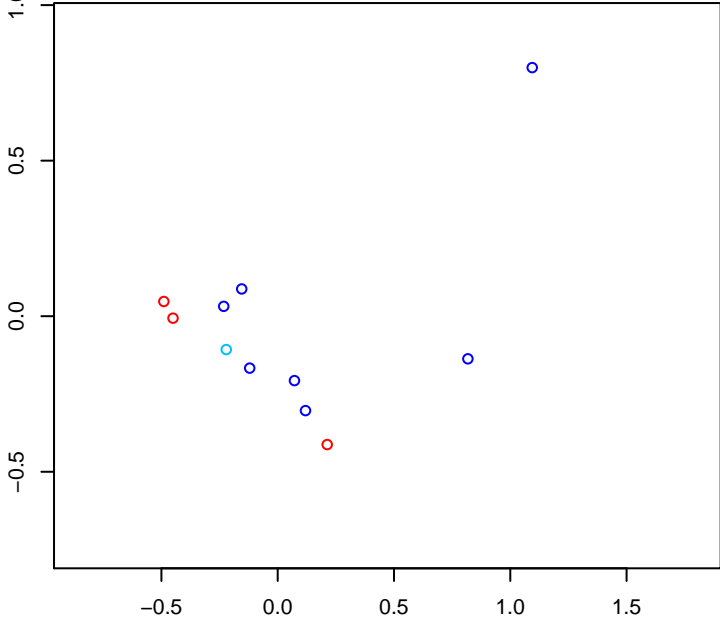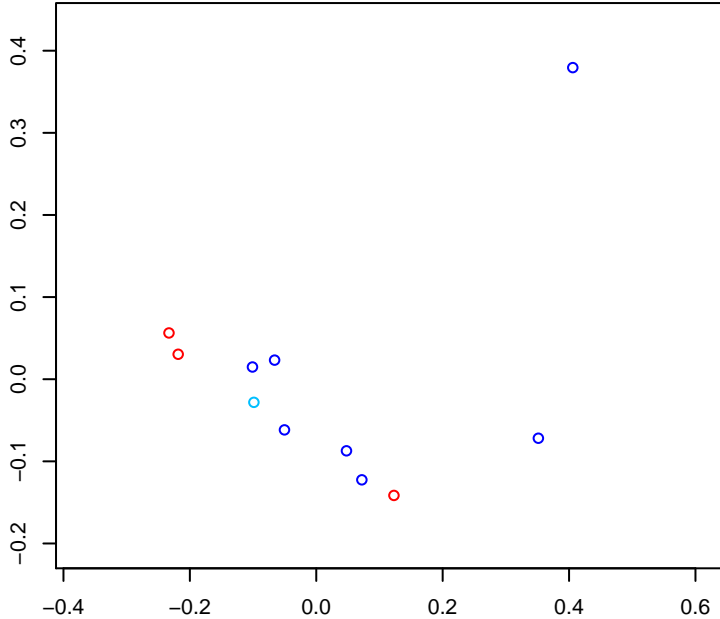
Legend:
- (1) 0–5 [n=7]
- (2) 5–10 [n=3]
- (3) 10–15 [n=1]
- (4) 15–20 [n=7]
- (5) 20–25 [n=3]
- (6) 25–30 [n=1]
- (7) 30–35 [n=7]

Sample labels:
- 0137.10019350743.01.ST
- 0137.10016839797.01.ST
- 0137.10016379703.01.ST
- 0137.70000185173.01.ST
- 0137.10018744631.01.ST
- 0137.10009142910.01.ST
- 0137.10005319884.01.ST
- 0137.10017302993.01.ST
- 0137.10007404205.01.ST
- 0137.70000177825.01.ST
- 0137.10009416215.01.ST