



This report was generated by the EnQuireR package

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EnQuireR: Multivariate Exploratory Analysis of Questionnaires

Multivariate exploration of the questionnaire

How is my dataset “structured”?

How does my dataset look like?

How can the main axes of variability be interpreted?

Typology of the individuals

How many groups are there in my dataset?

How can the groups be displayed?

How different are the groups?

How can the groups be described?



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How is my dataset "structured"?

Percentages of variance explained by the first five axes

Axis	Eigenvalue	Percentage of variance
1	0.12136	5.49%
2	0.10975	4.96%
3	0.10051	4.55%
4	0.09567	4.33%
5	0.08523	3.86%

Table: Eigenvalues associated with the first five axes

How does my dataset look like?

Representation of the individuals

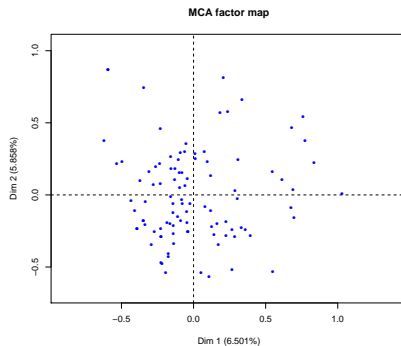


Figure: Raw representation of the individuals on axes 1 and 2



Description of the first axis: positive side (1 / 3)

The following categories are meaningful for the first axis (positive side):

- `Everyday.life.lots.of.support_No`
- `Member.of.BDE.association_No`
- `Feel.fulfilled.by.studies_Not at all`
- `Studies.as.expected_Not at all`
- `Future.work.in.food.processing.company_No`
- `Personal.investment.for.projects_Correct`
- `Everyday.life.routine_Yes`
- `Everyday.life.awesome_No`
- `Trainig.course.in.farm_Unsatisfying`
- `Interest.of.taught.courses_Acceptable`



Description of the first axis: positive side (2 / 3)

The following categories are meaningful for the first axis (positive side):

- Everyday.life.oppressive_Yes
- Master.project.abroad_Quite satisfying
- Extra.campus.activity_No
- Need.more.time.for.the.personal.life_Yes
- Future.not.specially.work.in.food.processing.industry_Yes
- Trainig.course.in.farm_Correct
- Personal.investment.for.projects_Acceptable
- Interest.of.taught.courses_Unsatisfying
- Often
- Future.change.counseling_Yes



How can the main axes of variability be interpreted?

Description of the first axis: positive side (3 / 3)

The following categories are meaningful for the first axis (positive side):

- Interest.of.taught.courses_Quite unsatisfying
- Training.course.in.a.French.food.industry_Quite satisfying
- Everyday.life.studious_Yes
- Quality.of.taught.courses_Correct
- Need.more.time.for.sleep_Yes



Description of the first axis: negative side (1 / 3)

The following categories are meaningful for the first axis (negative side):

- `Feel.fulfilled.by.studies_Yes` totally
- `Studies.as.expected_Yes` totally
- `Training.course.in.a.French.food.industry_Excellent`
- `Everyday.life.lots.of.support_Yes`
- `Member.of.BDE.association_Yes`
- `Interest.of.taught.courses_Very` satisfying
- `Future.work.in.food.processing.company_Yes`
- `Everyday.life.routine_No`
- `Everyday.life.awesome_Yes`
- `Quality.of.taught.courses_Very` satisfying



Description of the first axis: negative side (2 / 3)

The following categories are meaningful for the first axis (negative side):

- Personal.investment.for.projects_Very satisfying
- Everyday.life.oppressive_No
- Extra.campus.activity_Yes
- Studies.as.expected_Yes quite
- Trainig.course.in.farm_Very satisfying
- Need.more.time.for.the.personal.life_No
- Future.not.specially.work.in.food.processing.industry_No
- Trainig.course.in.farm_satisfying
- Linguistic.training.course_Excellent
- Future.change.counseling_No



How can the main axes of variability be interpreted?

Description of the first axis: negative side (3 / 3)

The following categories are meaningful for the first axis (negative side):

- Master.project.abroad_Excellent
- Interest.of.taught.courses_Excellent
- Interest.of.taught.courses_satisfying
- Everyday.life.studious_No
- Need.more.time.for.sleep_No
- Feel.fulfilled.by.studies_Yes quite



Description of the second axis: positive side (1 / 3)

The following categories are meaningful for the second axis (positive side):

- Future.change.counseling_Yes
- Future.not.specially.work.in.food.processing.industry_Yes
- Linguistic.training.course_Excellent
- Future.go.abroad_Yes
- Trainig.course.in.farm_Quite satisfying
- Feel.fulfilled.by.studies_Not really
- Trainig.course.in.farm_Very unsatisfying
- Future.job.in.connection.with.food_No
- Need.more.time.for.sleep_Yes
- Everyday.life.festive_Yes



How can the main axes of variability be interpreted?

Description of the second axis: positive side (2 / 3)

The following categories are meaningful for the second axis (positive side):

- `Trainig.course.in.farm_Excellent`
- `Interest.of.taught.courses_Very unsatisfying`
- `Member.of.BDE.association_Yes`
- `Everyday.life.studious_No`
- `Quality.of.taught.courses_Very satisfying`
- `Training.course.in.a.French.food.industry_Excellent`
- `Linguistic.training.course_Very unsatisfying`
- `Master.project.abroad_Correct`
- `Everyday.life.routine_Yes`
- `Interest.of.taught.courses_Acceptable`



How can the main axes of variability be interpreted?

Description of the second axis: positive side (3 / 3)

The following categories are meaningful for the second axis (positive side):

- `Member.of.La.Ruee.vers.Orge.association_Yes`
- `Member.of.Solinsfa.association_No`
- `Extra.campus.activity_Yes`



Description of the second axis: negative side (1 / 3)

The following categories are meaningful for the second axis (negative side):

- Interest.of.taught.courses_Quite satisfying
- Future.change.counseling_No
- Future.not.specially.work.in.food.processing.industry_No
- Feel.fulfilled.by.studies_Yes quite
- Master.project.abroad_satisfying
- Future.go.abroad_No
- Future.job.in.connection.with.food_Yes
- Need.more.time.for.sleep_No
- Everyday.life.festive_No
- Member.of.BDE.association_No

Description of the second axis: negative side (2 / 3)

The following categories are meaningful for the second axis (negative side):

- `Everyday.life.studious_Yes`
- `Quality.of.taught.courses_Quite` satisfying
- `Master.project.abroad_Very` satisfying
- `Linguistic.training.course_Acceptable`
- `Trainig.course.in.farm_Quite` unsatisfying
- `Trainig.course.in.farm_Correct`
- `Everyday.life.routine_No`
- `Feel.fulfilled.by.studies_Yes` totally
- `Member.of.La.Ruee.vers.Orge.association_No`
- `Member.of.Solinsfa.association_Yes`



Description of the second axis: negative side (3 / 3)

The following categories are meaningful for the second axis (negative side):

- `Master.project.abroad_Quite` satisfying
- `Linguistic.training.course_Correct`
- `Personal.investment.for.projects_Quite` satisfying
- `Studies.as.expected_Yes` quite
- `Extra.campus.activity_No`
- Sometimes



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How can the groups be described?

How can the groups be displayed?

Simplified representation of the individuals according to the group they belong to

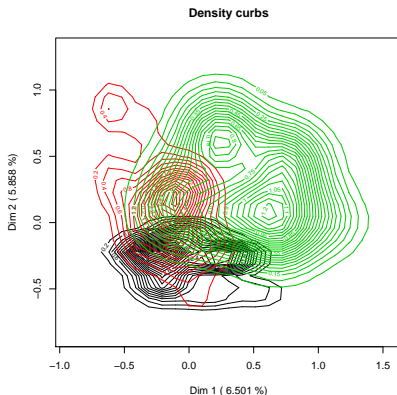


Figure: Levelling curves around each cluster



How can the groups be displayed?

Representation of the barycenter of each group enhanced with confidence ellipses

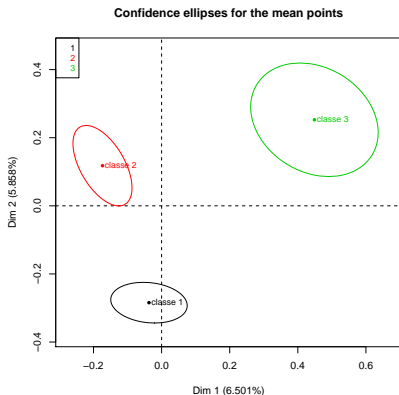


Figure: Confidence ellipses around each cluster

How different are the groups?

Number of individuals per cluster

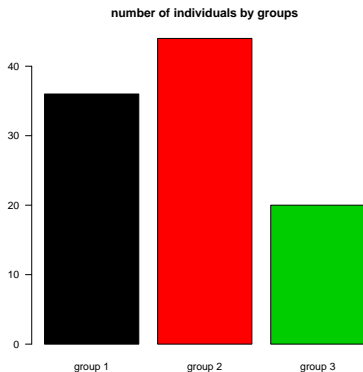


Figure: Number of individuals by cluster



How different are the groups?

Distribution of the individuals per cluster for the variable Interest.of.taught.courses

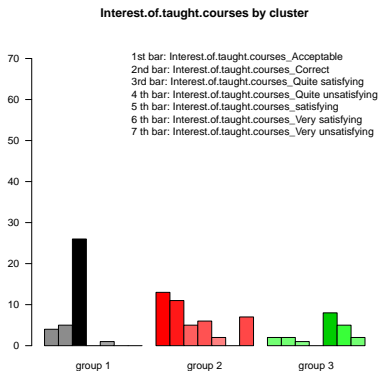


Figure: Variable Interest of taught courses



How different are the groups?

Distribution of the individuals per cluster for the variable Trainig.course.in.farm

Trainig.course.in.farm by cluster

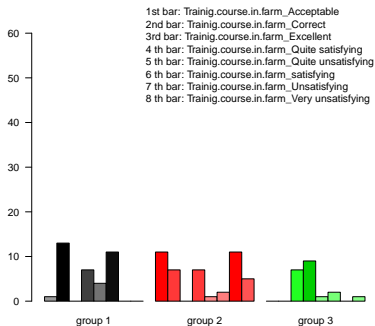


Figure: Variable Trainig course in farm

How different are the groups?

Distribution of the individuals per cluster for the variable Training.course.in.a.French.food.industry

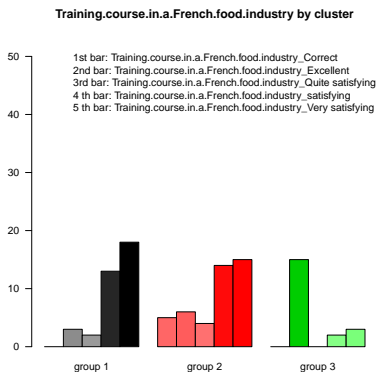


Figure: Variable Training course in a French food industry

How different are the groups?

Distribution of the individuals per cluster for the variable Feel.fulfilled.by.studies

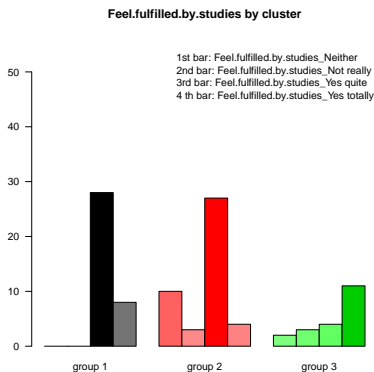


Figure: Variable Feel fulfilled by studies

How different are the groups?

Distribution of the individuals per cluster for the variable Master.project.abroad

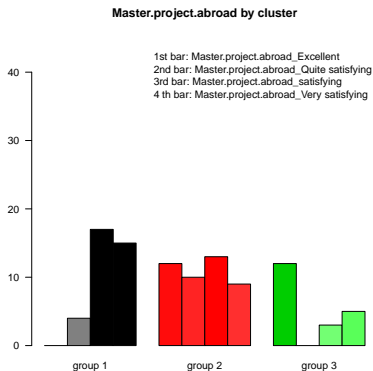


Figure: Variable Master project abroad



How different are the groups?

Distribution of the individuals per cluster for the variable Quality.of.taught.courses

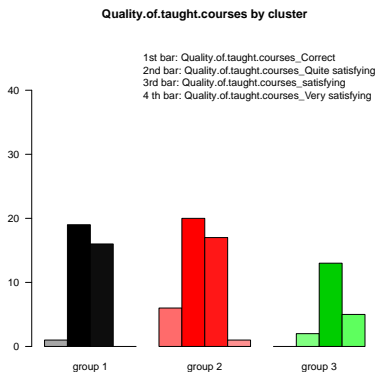


Figure: Variable Quality of taught courses



How different are the groups?

Distribution of the individuals per cluster for the variable Studies.as.expected

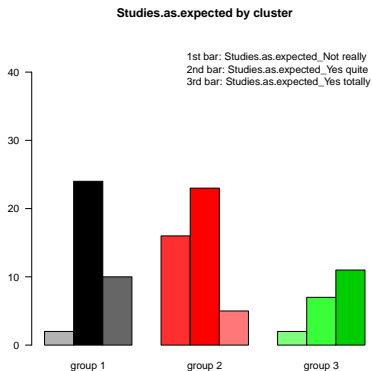


Figure: Variable Studies as expected

How different are the groups?

Distribution of the individuals per cluster for the variable Campus.geographical.situation

Campus.geographical.situation by cluster

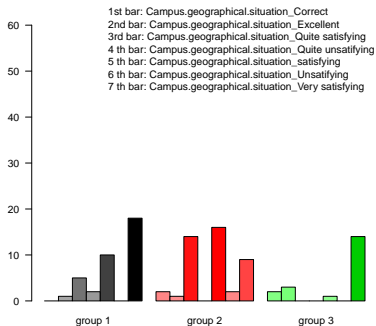


Figure: Variable Campus geographical situation

How different are the groups?

Distribution of the individuals per cluster for the variable Everyday.life.festive

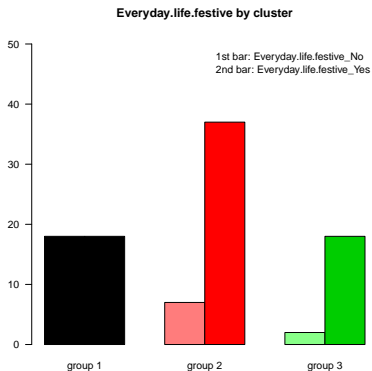


Figure: Variable Everyday life festive



Description of cluster 1 (1 / 4)

The following modalities are meaningful for cluster 1 :

- **Inter-
est.of.taught.courses=Interest.of.taught.courses_Quite satisfying**
32 % of the individuals possess this category in the global population versus 72.22% of the individuals within cluster 1;
81.25 % individuals possessing this category belong to cluster 1
- **Everyday.life.festive=Everyday.life.festive_No**
27 % of the individuals possess this category in the global population versus 50% of the individuals within cluster 1;
66.67 % individuals possessing this category belong to cluster 1
- **Fu-
ture.not.specially.work.in.food.processing.industry=Future.not.spec**
81 % of the individuals possess this category in the global population versus 97.22% of the individuals within cluster 1;
43.21 % individuals possessing this category belong to cluster 1
- **Trainig.course.in.farm=Trainig.course.in.farm_satisfying**
15 % of the individuals possess this category in the global population versus 30.56% of the individuals within cluster 1;
73.33 % individuals possessing this category belong to cluster 1
- **Trainig.course.in.farm=Trainig.course.in.farm_Correct**
20 % of the individuals possess this category in the global population versus 36.11% of the individuals within cluster 1;
65 % individuals possessing this category belong to cluster 1



How can the groups be described?

Description of cluster 1 (2 / 4)

The following modalities are meaningful for cluster 1 :

- **Feel.fulfilled.by.studies=Feel.fulfilled.by.studies_Yes quite**
59 % of the individuals possess this category in the global population versus 77.78% of the individuals within cluster 1;
47.46 % individuals possessing this category belong to cluster 1
- **Canteen.innovation=Canteen.innovation_Quite satisfying**
32 % of the individuals possess this category in the global population versus 50% of the individuals within cluster 1;
56.25 % individuals possessing this category belong to cluster 1
- **Activity.in.town.shopping=Activity.in.town.shopping_No**
23 % of the individuals possess this category in the global population versus 38.89% of the individuals within cluster 1;
60.87 % individuals possessing this category belong to cluster 1
- **Everyday.life.awesome=Everyday.life.awesome_Yes**
17 % of the individuals possess this category in the global population versus 30.56% of the individuals within cluster 1;
64.71 % individuals possessing this category belong to cluster 1
- **Member.of.BDE.association=Member.of.BDE.association_No**
74 % of the individuals possess this category in the global population versus 88.89% of the individuals within cluster 1;
43.24 % individuals possessing this category belong to cluster 1



How can the groups be described?

Description of cluster 1 (3 / 4)

The following modalities are meaningful for cluster 1 :

- Future.change.counseling=Future.change.counseling_No**
 91 % of the individuals possess this category in the global population versus 100% of the individuals within cluster 1;
 39.56 % individuals possessing this category belong to cluster 1
- Everyday.life.studious=Everyday.life.studious_Yes**
 30 % of the individuals possess this category in the global population versus 44.44% of the individuals within cluster 1;
 53.33 % individuals possessing this category belong to cluster 1
- Need.more.time.for.sleep=Need.more.time.for.sleep_No**
 33 % of the individuals possess this category in the global population versus 47.22% of the individuals within cluster 1;
 51.52 % individuals possessing this category belong to cluster 1
- Master.project.abroad=Master.project.abroad_satisfying**
 33 % of the individuals possess this category in the global population versus 47.22% of the individuals within cluster 1;
 51.52 % individuals possessing this category belong to cluster 1
- Canteen.welcoming=Canteen.welcoming_Acceptable**
 10 % of the individuals possess this category in the global population versus 19.44% of the individuals within cluster 1;
 70 % individuals possessing this category belong to cluster 1

Description of cluster 1 (4 / 4)

The following modalities are meaningful for cluster 1 :

- **Rennes.dynamic=Rennes.dynamic_Yes**

67 % of the individuals possess this category in the global population versus 80.56% of the individuals within cluster 1;

43.28 % individuals possessing this category belong to cluster 1

- **Train-**

ing.course.in.a.French.food.industry=Training.course.in.a.French.food.industry

36 % of the individuals possess this category in the global population versus 50% of the individuals within cluster 1;

50 % individuals possessing this category belong to cluster 1



How can the groups be described?

Description of cluster 2 (1 / 5)

The following modalities are meaningful for cluster 2 :

- Trainig.course.in.farm=Trainig.course.in.farm_Unsatisfying**
 11 % of the individuals possess this category in the global population versus 25% of the individuals within cluster 2;
 100 % individuals possessing this category belong to cluster 2
- Every-day.life.lots.of.support=Everyday.life.lots.of.support_No**
 61 % of the individuals possess this category in the global population versus 81.82% of the individuals within cluster 2;
 59.02 % individuals possessing this category belong to cluster 2
- Canteen.innovation=Canteen.innovation_Acceptable**
 18 % of the individuals possess this category in the global population versus 34.09% of the individuals within cluster 2;
 83.33 % individuals possessing this category belong to cluster 2
- Everyday.life.awesome=Everyday.life.awesome_No**
 83 % of the individuals possess this category in the global population versus 97.73% of the individuals within cluster 2;
 51.81 % individuals possessing this category belong to cluster 2
- Studies.as.expected=Studies.as.expected_Not really**
 20 % of the individuals possess this category in the global population versus 36.36% of the individuals within cluster 2;
 80 % individuals possessing this category belong to cluster 2

Description of cluster 2 (2 / 5)

The following modalities are meaningful for cluster 2 :

- **Trainig.course.in.farm=Trainig.course.in.farm_Acceptable**

12 % of the individuals possess this category in the global population versus 25% of the individuals within cluster 2;

91.67 % individuals possessing this category belong to cluster 2

- **Fu-**

ture.not.specially.work.in.food.processing.industry=Future.not.spec

19 % of the individuals possess this category in the global population versus 34.09% of the individuals within cluster 2;

78.95 % individuals possessing this category belong to cluster 2

- **Eat.at.canteen=Eat.at.canteen_No**

37 % of the individuals possess this category in the global population versus 54.55% of the individuals within cluster 2;

64.86 % individuals possessing this category belong to cluster 2

- **At-**

tracted.by.the.food.processing.industry=Attracted.by.the.food.proces

58 % of the individuals possess this category in the global population versus 75% of the individuals within cluster 2;

56.9 % individuals possessing this category belong to cluster 2

- **Year=IN18**

38 % of the individuals possess this category in the global population versus 54.55% of the individuals within cluster 2;

63.16 % individuals possessing this category belong to cluster 2



How can the groups be described?

Description of cluster 2 (3 / 5)

The following modalities are meaningful for cluster 2 :

- **Canteen.value.for.money=Canteen.value.for.money_Quite satisfying**
 26 % of the individuals possess this category in the global population versus 40.91% of the individuals within cluster 2;
 69.23 % individuals possessing this category belong to cluster 2
- **Campus.geographical.situation=Campus.geographical.situation_Quite satisfying**
 19 % of the individuals possess this category in the global population versus 31.82% of the individuals within cluster 2;
 73.68 % individuals possessing this category belong to cluster 2
- **Feel.fulfilled.by.studies=Feel.fulfilled.by.studies_Neither**
 12 % of the individuals possess this category in the global population versus 22.73% of the individuals within cluster 2;
 83.33 % individuals possessing this category belong to cluster 2
- **Activity.in.town.party=Activity.in.town.party_No**
 67 % of the individuals possess this category in the global population versus 81.82% of the individuals within cluster 2;
 53.73 % individuals possessing this category belong to cluster 2
- **Personal.investment.for.projects=Personal.investment.for.projects_Corresponding**
 21 % of the individuals possess this category in the global population versus 34.09% of the individuals within cluster 2;
 71.43 % individuals possessing this category belong to cluster 2



How can the groups be described?

Description of cluster 2 (4 / 5)

The following modalities are meaningful for cluster 2 :

- Inter-

`est.of.taught.courses=Interest.of.taught.courses_Quite unsatisfying`

6 % of the individuals possess this category in the global population versus 13.64% of the individuals within cluster 2;

100 % individuals possessing this category belong to cluster 2

- `Everyday.life.pleasant=Everyday.life.pleasant_Yes`

66 % of the individuals possess this category in the global population versus 79.55% of the individuals within cluster 2;

53.03 % individuals possessing this category belong to cluster 2

- `Everyday.life.routine=Everyday.life.routine_Yes`

30 % of the individuals possess this category in the global population versus 43.18% of the individuals within cluster 2;

63.33 % individuals possessing this category belong to cluster 2

- Train-

`ing.course.in.a.French.food.industry=Training.course.in.a.French.food`

5 % of the individuals possess this category in the global population versus 11.36% of the individuals within cluster 2;

100 % individuals possessing this category belong to cluster 2

- Cam-

`pus.quality.of.structures=Campus.quality.of.structures_Quite satisfying`

17 % of the individuals possess this category in the global population versus 27.27% of the individuals within cluster 2;

70.59 % individuals possessing this category belong to cluster 2

Description of cluster 2 (5 / 5)

The following modalities are meaningful for cluster 2 :

- **Canteen.varied.choices=Canteen.varied.choices_Correct**
 19 % of the individuals possess this category in the global population versus 29.55% of the individuals within cluster 2;
 68.42 % individuals possessing this category belong to cluster 2
- **Inter-est.of.taught.courses=Interest.of.taught.courses_Acceptable**
 19 % of the individuals possess this category in the global population versus 29.55% of the individuals within cluster 2;
 68.42 % individuals possessing this category belong to cluster 2
- **Everyday.life.festive=Everyday.life.festive_Yes**
 73 % of the individuals possess this category in the global population versus 84.09% of the individuals within cluster 2;
 50.68 % individuals possessing this category belong to cluster 2
- **Rennes.beautiful=Rennes.beautiful_No**
 84 % of the individuals possess this category in the global population versus 93.18% of the individuals within cluster 2;
 48.81 % individuals possessing this category belong to cluster 2



How can the groups be described?

Description of cluster 3 (1 / 5)

The following modalities are meaningful for cluster 3 :

- **Train-**

ing.course.in.a.French.food.industry=Training.course.in.a.French.fo

24 % of the individuals possess this category in the global population versus 75% of the individuals within cluster 3;

62.5 % individuals possessing this category belong to cluster 3

- **Linguis-**

tic.training.course=Linguistic.training.course_Excellent

11 % of the individuals possess this category in the global population versus 45% of the individuals within cluster 3;

81.82 % individuals possessing this category belong to cluster 3

- **Trainig.course.in.farm=Trainig.course.in.farm_Excellent**

7 % of the individuals possess this category in the global population versus 35% of the individuals within cluster 3;

100 % individuals possessing this category belong to cluster 3

- **Inter-**

est.of.taught.courses=Interest.of.taught.courses_satisfying

11 % of the individuals possess this category in the global population versus 40% of the individuals within cluster 3;

72.73 % individuals possessing this category belong to cluster 3

- **Master.project.abroad=Master.project.abroad_Excellent**

24 % of the individuals possess this category in the global population versus 60% of the individuals within cluster 3;

50 % individuals possessing this category belong to cluster 3



Description of cluster 3 (2 / 5)

The following modalities are meaningful for cluster 3 :

- **Inter-
est.of.taught.courses=Interest.of.taught.courses_Very satis-
fying**
5 % of the individuals possess this category in the global population versus 25% of the individuals within cluster 3;
100 % individuals possessing this category belong to cluster 3
- **Feel.fulfilled.by.studies=Feel.fulfilled.by.studies_Yes to-
tally**
23 % of the individuals possess this category in the global population versus 55% of the individuals within cluster 3;
47.83 % individuals possessing this category belong to cluster 3
- **Qual-
ity.of.taught.courses=Quality.of.taught.courses_Very satisfy-
ing**
6 % of the individuals possess this category in the global population versus 25% of the individuals within cluster 3;
83.33 % individuals possessing this category belong to cluster 3
- **Studies.as.expected=Studies.as.expected_Yes totally**
26 % of the individuals possess this category in the global population versus 55% of the individuals within cluster 3;
42.31 % individuals possessing this category belong to cluster 3
- **Canteen.value.for.money=Canteen.value.for.money_Very satis-
fying**
23 % of the individuals possess this category in the global population versus 50% of the individuals within cluster 3;



How can the groups be described?

Description of cluster 3 (3 / 5)

The following modalities are meaningful for cluster 3 :

- **Cam-**
pus.geographical.situation=Campus.geographical.situation_Very satisfying
41 % of the individuals possess this category in the global population versus 70% of the individuals within cluster 3;
34.15 % individuals possessing this category belong to cluster 3
- **Per-**
sonal.investment.for.projects=Personal.investment.for.projects_Very satisfying
5 % of the individuals possess this category in the global population versus 20% of the individuals within cluster 3;
80 % individuals possessing this category belong to cluster 3
- **Canteen.welcoming=Canteen.welcoming_Very satisfying**
25 % of the individuals possess this category in the global population versus 50% of the individuals within cluster 3;
40 % individuals possessing this category belong to cluster 3
- **Canteen.taste=Canteen.taste_Very satisfying**
8 % of the individuals possess this category in the global population versus 25% of the individuals within cluster 3;
62.5 % individuals possessing this category belong to cluster 3
- **Canteen.innovation=Canteen.innovation_Very satisfying**
8 % of the individuals possess this category in the global population versus 25% of the individuals within cluster 3;
62.5 % individuals possessing this category belong to cluster 3



Description of cluster 3 (4 / 5)

The following modalities are meaningful for cluster 3 :

- **Trainig.course.in.farm=Trainig.course.in.farm_Quite satisfy-
ing**
23 % of the individuals possess this category in the global population versus 45% of the individuals within cluster 3;
39.13 % individuals possessing this category belong to cluster 3
- **Campus.fitting=Campus.fitting_Excellent**
6 % of the individuals possess this category in the global population versus 20% of the individuals within cluster 3;
66.67 % individuals possessing this category belong to cluster 3
- **Fu-
ture.work.in.food.processing.company=Future.work.in.food.processing**
20 % of the individuals possess this category in the global population versus 40% of the individuals within cluster 3;
40 % individuals possessing this category belong to cluster 3
- **Cam-
pus.quality.of.structures=Campus.quality.of.structures_Very sat-
isfying**
42 % of the individuals possess this category in the global population versus 65% of the individuals within cluster 3;
30.95 % individuals possessing this category belong to cluster 3
- **Campus.cleanliness=Campus.cleanliness_Excellent**
4 % of the individuals possess this category in the global population versus 15% of the individuals within cluster 3;
75. % individuals possessing this category belong to cluster 3



How can the groups be described?

Description of cluster 3 (5 / 5)

The following modalities are meaningful for cluster 3 :

- **Campus.cleanliness=Campus.cleanliness_Very satisfying**
43 % of the individuals possess this category in the global population versus 65% of the individuals within cluster 3;
30.23 % individuals possessing this category belong to cluster 3