

Advanced Topics in Class Climate

The Report Creator(s)

Version 5.1

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Advanced Topics in Class Climate

The Report Creator(s)

Version 5.1





Presented by:

Micheal Oliver,

Manager Corporate Training



Report Creator – Agenda

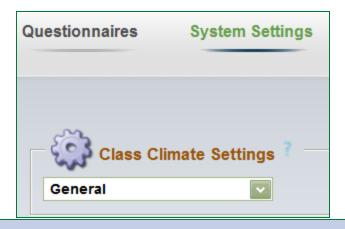


- Naming Conventions
- Overall Advantages & Role of Report Creator(s)
 - Defined as a User within Subunit(s)
 - Additional Role for Administrator(s) or Subunit Administrator(s)--Versions 5.n.
- Review Class Climate Structure
 - Subunits
 - Instructors Projects Trainers (Naming based upon System Setting)
 - Courses
 - Programs of Study
 - Periods
- Use of Indicators in Questionnaires
- Report Creator Generated Reports:
 - Single Query
 - Compilation / Combination Reports
 - Evaluate by Subgroups / Merge Reports
 - Comparison Profile Line Reports

Naming Conventions



System Settings / Class Climate Settings / General



System Language

English (Higher Education)
English (Higher Education)

English (Neutral)

English (Seminar Providers)

Sets the default language of the Class Climate interface as well as all generated report documents. Users (instructors, report creators, etc.) can change the language in their settings.

Education	Neutral	Commercial
Instructor	Project	Trainer
President	President	President
Dean	Department Head	Manager (Vice President)
Dean of Study (Dept Chair)	Department Head of Studies	Program Manger (Supervisor)

Using Report Creator(s)



Advantages:

- Tailored Reports
- Pre-defined Single Selection Report Categories
 - SubUnit, Programs of Study, Instructors / Project / Trainers
- Easy-to-Generate Compilitation / Comparison Reports
 - Select Multiple: SubUnits / Instructors / Project / Trainers / Courses / Periods
- Ability to Analyze Data by Subgroups / Extended Filters
 - Single or Multi Criteria
- Combine Data Across Similar (non-identical) Questionnaires
- Select Only Desired Questions

INDICATORS and SUMMARY REPORT OPTION

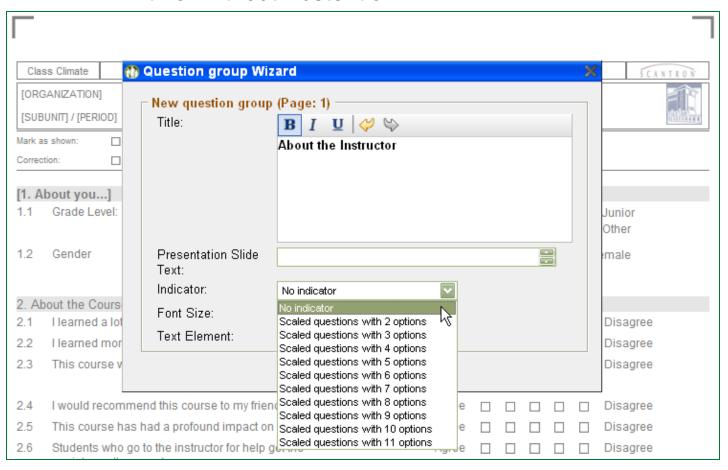


Defining
Indicators
and
Questionnaire
Requirements

Establishing Indicators



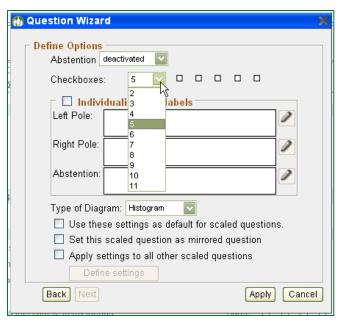
- Affects Every Report in Class Climate
- Indicators May be Added/Changed with Running Surveys
- > Allows for 2 11 Options
 - With or without Abstention



Indicators in Questionnaires



- Question Group(s) = Question Categories
- Indicators are an Attribute of the Group
- Indicators May be Added while Questionnaire in use
- Indicators Calculate the Mean Value of all Scaled Questions within the Group (Subtotal)
- Any Group Containing a Scaled Question Should have the Indicator Defined



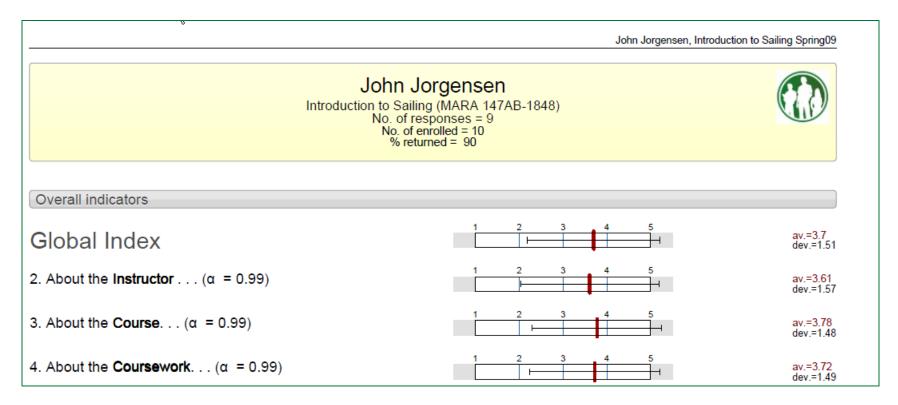
 All Questions to be Considered in the Sub-Total Calculation <u>MUST</u> Match the Number of Options Set in the Indicator Value for that Group

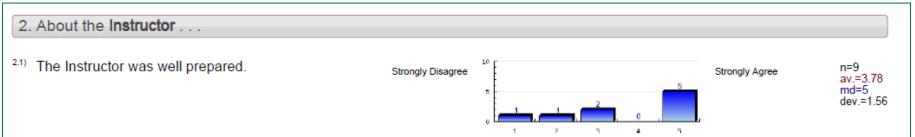


Questions with a Different Scale (number of options) will be individually calculated; but, will be **excluded** from the Sub-Total Calculation

Indicators in Questionnaires







Weighted Computation of Indicators



- Total Number of **Answers** for Each Question used for Computation of the Indicator Value
- Example: Question Group with Two (2) Questions,
 each with a 5-Point Scale, 4 respondents
 - Q1=4 Respondents / 5, 5, 4, 3 (Question Average = 4.25)
 - Q2=3 Respondents / 5, 5, 5 (Question Average = 5.0)
 - Indicator = 5 + 5 + 4 + 3 + 5 + 5 + 5 = 32
 Divided by # of Responses = 32 / 7
 Average of Question Group = 4.57
 - Not 4.25 + 5 = 9.25 / 2 = 4.62
- Question Group Averages are Averaged into Global Indicator

Calculation of the Average vs. Median



- Total Number of Answers for Each Question used for Computation of the Median
- All question responses are sorted
- Example of a Question with 5 respondents (odd #)

```
Q1=5 Respondents / 5, 5, 4, 3, 1
```

Average of Question = 3.6 (5+5+4+3+1=18/5=3.6)

The Median is 4 (the absolute middle number)

Example of a Question with 4 respondents (even #)

```
Q2=4 Respondents / 5, 4, 2, 2
```

Average of Question = 3.75 (5+4+2+2=13/4=3.75)

The Median is 3(4+2=6/2=3)

Recommendations for Indicators



> Always specify when a Group contains scaled questions

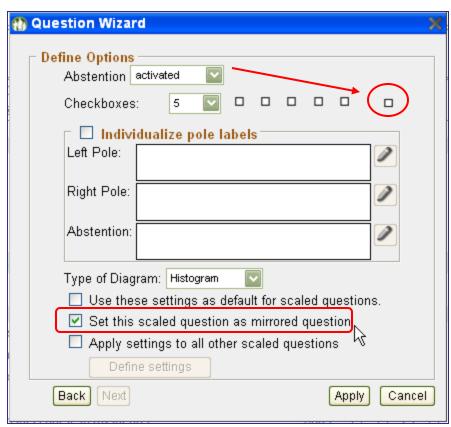
Question Scales within a Group should have Identical

Options

■ 2 – 11 Options

With or Without Abstention

- Mirrored Scales Required if Postive on Left
 - Should be set at Question Level if 'Traffic Lights' will be used



System Settings for Report Creators

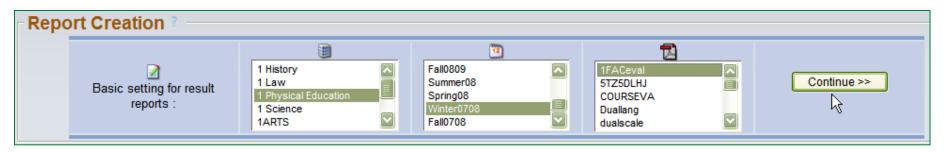


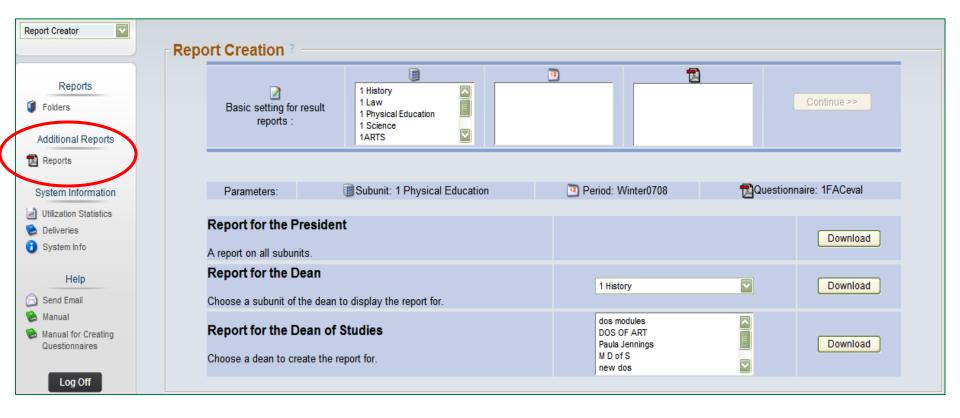
Class Climate Central Evaluation	Settings ? Advanced
Creation of summary reports Activated	Permits the creation of summary reports, e.g. the dean's report, dean's of studies report as well as the president's report.
Report president Activated	Report function for the president.
Report dean Activated	Report function for the dean.
Report dean of studies Activated	Report function for the dean of studies.
Program of study reports Activated	Report creator can download reports on programs of study.
Instructor profile reports Activated ✓	Report creator can download reports on instructor profiles.
Dean of studies Activated	Toggles existence of the Vice-Dean



Additional Reports Screen



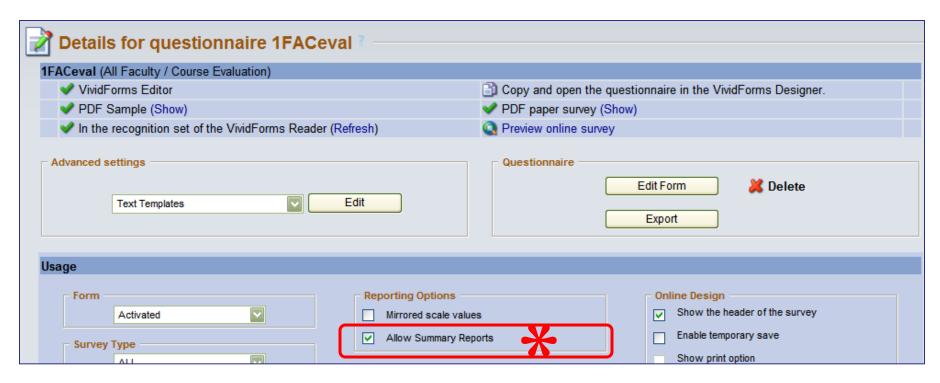




Activating Summary Reports



- Details Screen for Questionnaire
- Allow Summary Reports must be "checked" for Additional Reports to be available to Report Creator(s)





Specialized Users

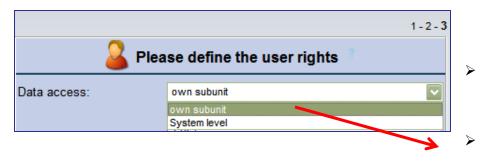


Establishing Report Creator(s)

Adding New User = Report Creator:



- Ability to Define One or More Distinct Report Creators
- Each May be Global (System level) or Assigned to SubUnit(s)



Default Data Access Level = own subunit

Assign additional subunits as desired for each Report Creator



VERSION 5.0+ ONLY:

- Admin(s) and Subunit
 Admin(s) may also be
 Report Creators
- Admins are "System Level"
- Subunit Admins' access is based upon their assigned Subunits
- * See Addendum

Reports in General



- Questionnaire Requirements:
 - Indicators Must be Set
 - Summary Reports = Allowed
 - Instant Reports Must Have Been Accessed

NOTE: Batch Event is the Fastest Way to Produce ALL at Once

Non-Instant Reports are created and emailed by Report Creator(s)



Questions About Setup



Survey Reports



Generating Reports as a Report Creator

Advantages of the Report Creator



- Slice and Dice available Survey Data as desired
- Include / Exclude questions as desired
- Produce Reports by Single Category
 - Only One Choice per Selection
 - SubUnit Choose: 1 Subunit / 1 Period
 - Program of Study (if populated in Course Attributes) -- Choose: 1 POS /
 1 Period
 - Instructor Profile Choose: 1 Instructor / 1 Period (better when initiated from Batch Events)

Advantages of the Report Creator



- Any Compilation (Combination)
 - Most Flexible
 - Combine Any Surveys (except De-Centralized Surveys)
 - Choose Multiple Subunits / Periods
 - Choose multiple criteria from any standard choice box
 - Since Version 5.0 = Ability to Use Tree Structure ** See Addendum
 - Batch Create Reports
 - Create a series of reports according to specific filter criteria with specified Separation
 - Example: Combine ALL SubUnits then "Separate by SubUnit" when printed
 - Especially useful for Instructor Reports
 - Ability to define Date Range for report creation (not just system Period)

Advantages of the Report Creator, continued Class C



- Create Profile Line emails
 - Compares Scaled Questions Across Selected Surveys
 - May Compare up to Any 8 Profile Lines
 - 2-3 Optimal (more becomes difficult to read)

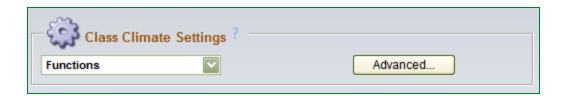
Some examples:

Compare:	Instructor to their Departmental Peers / and Entire Facility	Up to 8 (eight) courses taught by single Instructor	Up to 8 (eight) Instructors who taught same/similar Course(s)
Line 1:	Entire Facility	Course 1	Instructor A
Line 2:	Department Averages	Course 2	Instructor B
Line 3:	Instructor / Course(s) Averages	Course 3	Instructor C
Line 4:		Total Average of Courses 1,2,3	Total Average of Instructor A,B,C

System Settings for Survey Reports



- "Number of Surveys Required to Generate Reports"
- System Setting
 - System Settings / Class Climate Settings / Functions / Minimal Survey Number Report Creator
 - Default is '1'
 - May be Set to Zero (0) to Allow Single Survey Report to be Generated using Any Compilation reports
 - Essentially Turns this Setting = OFF



Mapping Questions Across Surveys with Non- (1) Class C **Identical Questionnaires**



- Used to Combine Surveys with <u>Similar</u> Questions
 - Automatic
 - Use When:
 - Questionnaires are Identical
 - Questionnaires are Somewhat Similar
 - Ability to define the desired number of character differences for **Automatic Mapping**

Search limit: Question Text —— Maximum amount of different characters in the question text: 10 Checkbox Text ----Maximum amount of different characters in the modality text: 5

- Manual
 - Use When:
 - Questionnaires are Significantly Different
 - You decide which questions are similar enough to average together

Additional Options



- Include Answers to Open Questions
 - Not Extremely Useful when Combining Different Instructors / Courses
- Weighted Averages
 - Weighted is Default
 - All Individual Responses will be used to Calculate the Averages for Questions and Groups
- Un-Weighted Averages
 - The Average for each Question is used to Calculate Group Average and the Averages are Averaged into Global Index
 - There is no Response Data; therefore, there is no Data for Exporting to CSV nor SPSS
 - Raw Score Data is NOT provided, only the Averages
 - Not Widely Used

Weighted vs. Unweighted (Weighted is the default) (pg. 304) - Slightly Paraphrased

- By default, the reports are summarized <u>weighted</u>, meaning that the calculation is effected according to the number of returns.
- > This means for example: If you summarize a survey with 100 return questionnaires and one with 10, the survey with 100 questionnaires counts for more than the one with 10.
- Mathematically expressed: All individual results are summed for each question (each single value that was selected) and divided by the total number of returns (in this example: 110).
- You must explicitly select <u>unweighted</u> compilation when creating a report. Unweighted calculation precludes the possibility to adequately undertake further processing in statistics programs.
- With <u>unweighted</u> compilations, each survey counts as 1, regardless of how many questionnaires have been processed for a given survey.
- Mathematically expressed: You add the respective total average of each question and divide by the number of the surveys that you are summarizing (in the example above: by 2).
- Individual response data is lost.

Login As Report Creator

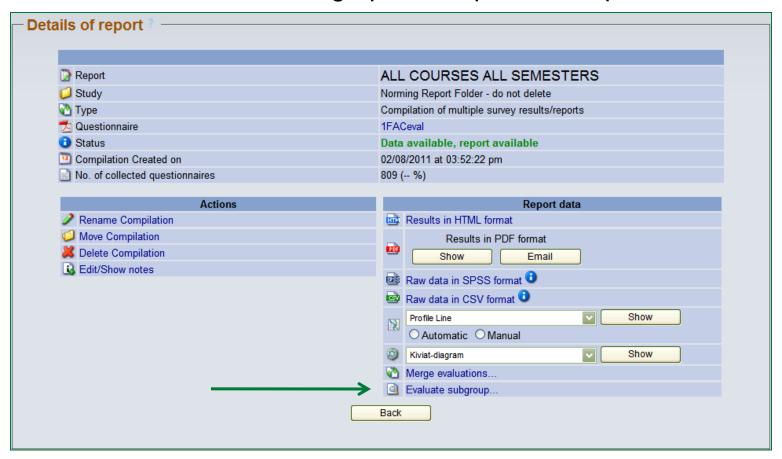


- View of the Data is based on Data Access Level assigned by Admin(s) or Subunit Admin(s)
 - System Wide = Access to All SubUnits/Survey data
 - Only Own SubUnit = All Data for Named SubUnit(s) Only
 - Allows for overlapping SubUnit Access
 - More than 1 Report Creator can access SubUnit data
 - Unlike SubUnit Admins, Report Creators CAN overlap SubUnits
- All Reports are Generated from Folders
 - Think: File Cabinet
 - 1. Methodically Divided by Folder Names, or
 - 2. Every Report "dumped" into the Miscellaneous Drawer
 - 3. Reports may be moved from folder-to-folder

Evaluate Subgroup Data



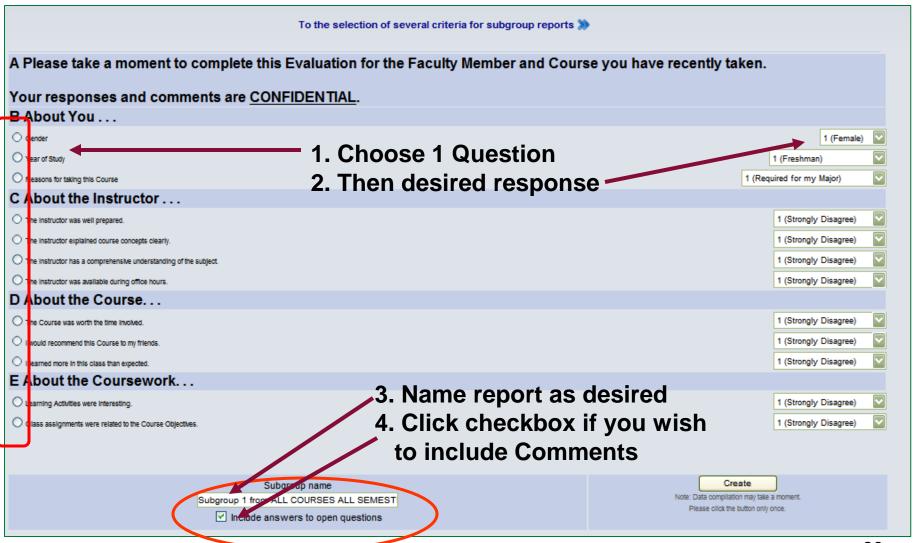
Based on Collected Demographic or Specific Responses



Example: If your survey asked: "Reason for taking this course" and the responses included: "Part of my major" and "Personal enrichment", you could produce a report which included ONLY the responses from those who attended as part of their major.

Evaluate Subgroup Data, continued Single Question / Single Response Criteria





Evaluate Subgroup Data, continued Multiple Questions / Multiple Responses Criteria

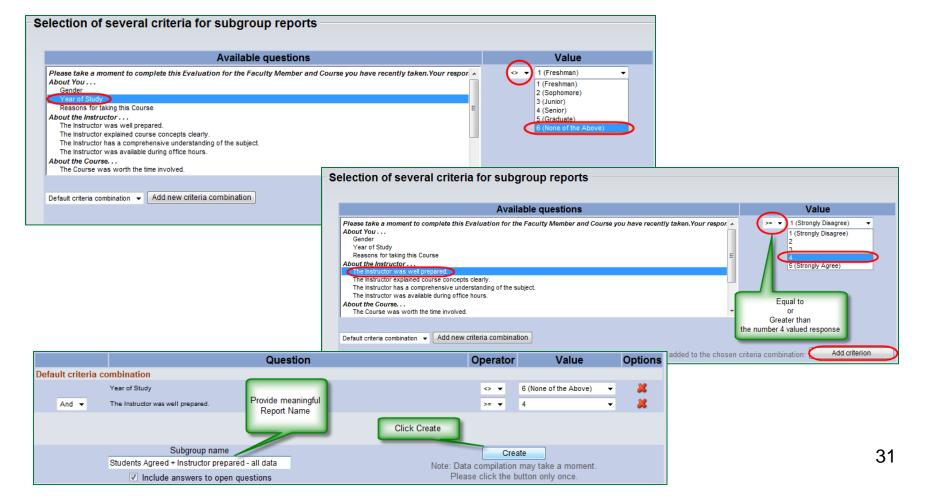


Evaluate Subgroup Data, Multiple Criteria



Create / Save new criteria combination

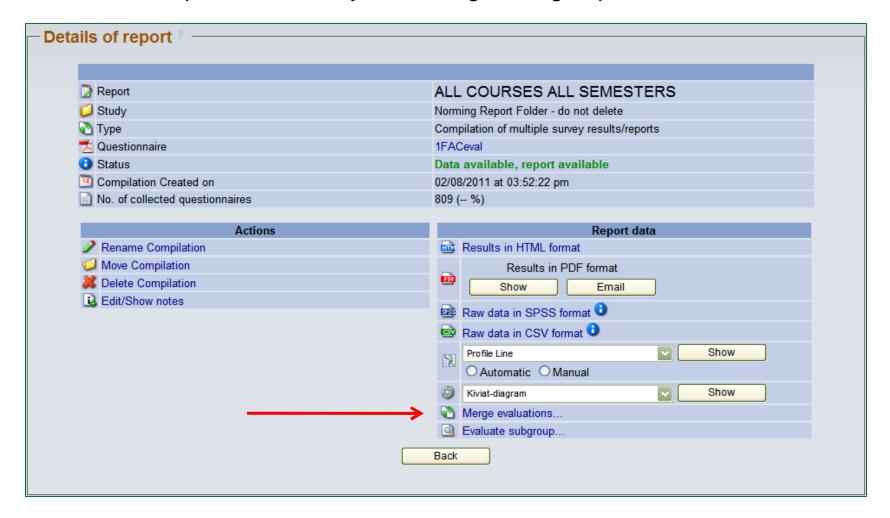
- To produce a report containing responses from ONLY:
 - Freshmen through Grad Students (exclude "none of the above") AND
 - Those who "Agreed" or "Strongly Agreed "the Insructor was well prepared



Merging Survey Data



Combine Reports Created by Evaluating a Subgroup

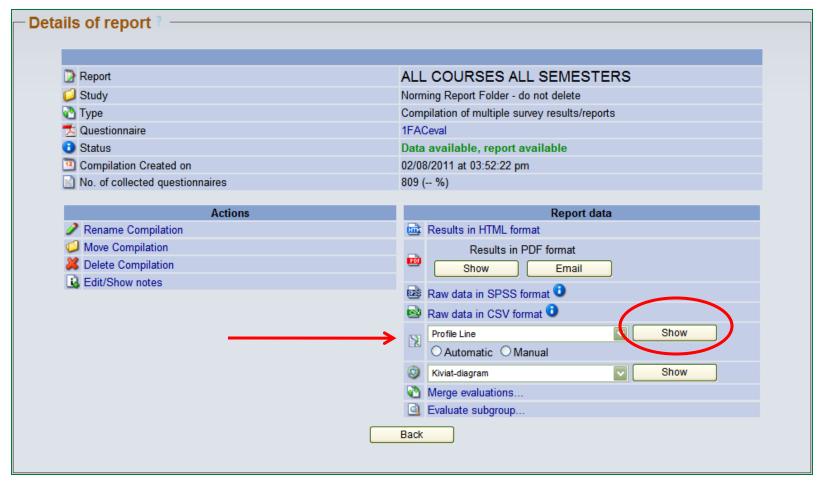


Example: Combine any reports, including those reports created using: Evaluate Subgroup

Single Profile Line Comparison



Compare any 2 Subgroup Reports



Example: Compare the responses from the 2 reports: "Part of my major" and "Personal enrichment", you could see which group evaluated the course higher / lower.

Creating Folders and Reports



Let's Go Look . . .

- Subunit Report
- Program of Study Report
- Any Compilation All Options* (v5.1users see Page 60)
 - Without Tree Structure (all Versions)
 - Using Tree Structure (Versions 5.n see Page 56)
- Create Profile Line Emails All Options
- Instructor Profile *Using Batch Events
 - Same Report with Email Capability

Report for Comparison on the Questionnaire

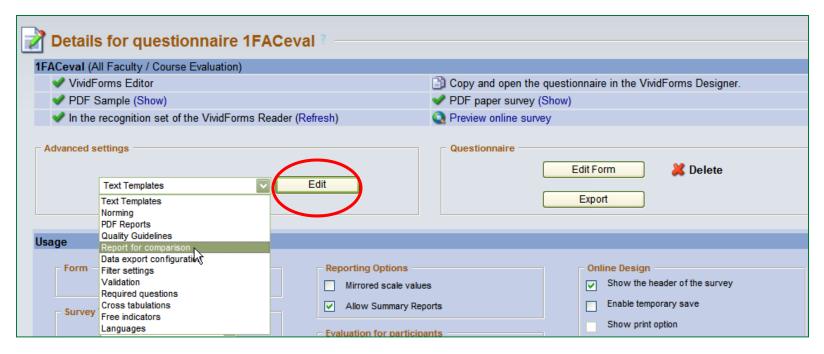


- Initiated via Report Creator
- Linked to Questionnaire by Administrator(s) or SubUnit Administrator(s)

Report for Comparison on the Questionnaire

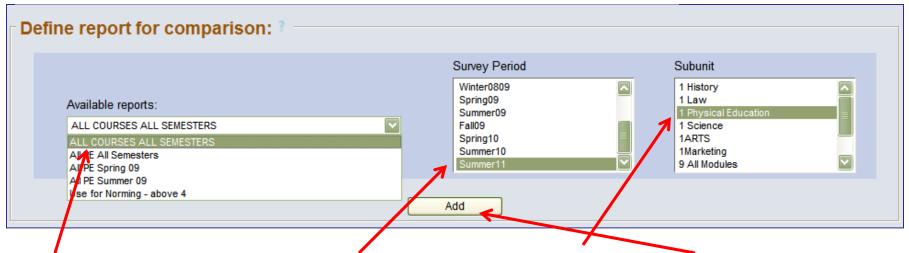


- " Hook" Profile Line into Instant PDF Report (Questionnaires / Details / Advanced Setting / Report for Comparison / Edit)
- Summarized Profile Line Report can be displayed for each Instructor/Course in instant PDF Report

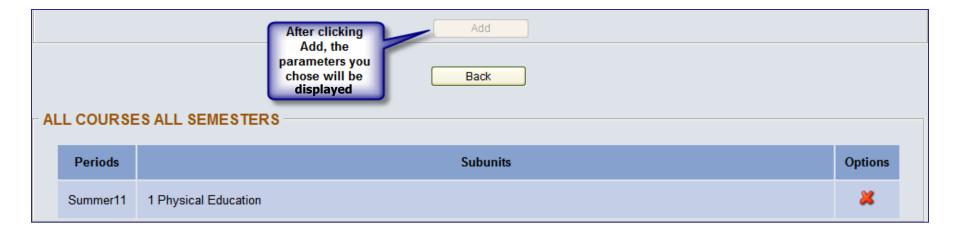


Report for Comparison on the Questionnaire





Use this Report / When the Survey Period is this: / For this SubUnit / Click Add

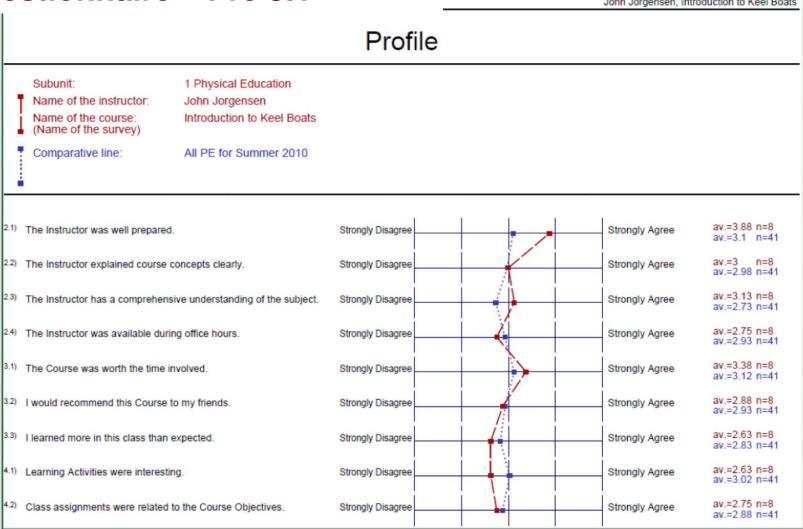


Unlimited combinations will appear in the list

Report for Comparison on the **Questionnaire – Pre 5.1**

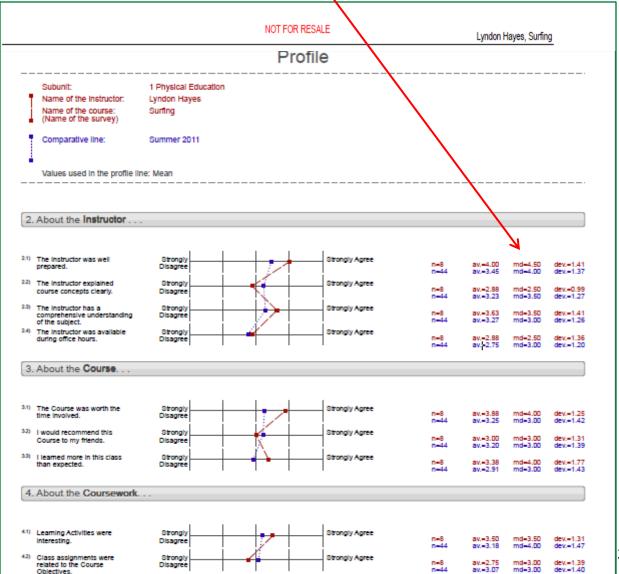


John Jorgensen, Introduction to Keel Boats



Report for Comparison on the Questionnaire – Version 5.1 ONLY





"Hook" Profile Line into Standard PDF Report

End of Reports



Questions





Thank You for your Participation in Today's Webinar:

The Report Creator(s)







Version Specific Information Follows



Addendum for Version 5 Users



Adding Report Creator as a Role to Administrators and SubUnit Administrators

User Management v5 Further Roles for (Subunit) Administrator



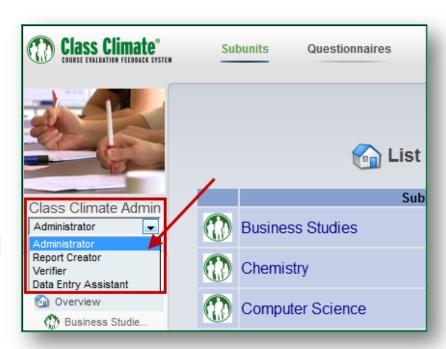
The Administrators and Subunit Administrators may be

granted additional roles

Report Creator

Verifier

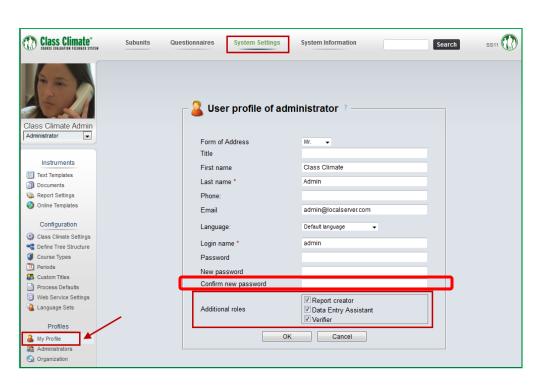
- Data Entry Assistant
- New drop-down menu in the upper left corner of the screen
- Eliminates need to Log-out and Log-In to separate role(s)
- Supports LDAP requirements







- Adding additional roles to the Main Administrator:
 - Select: "System Settings / Profiles / My Profile"
 - Enter Current Password
 - At the bottom of the screen, select the desired additional roles
 - Click OK







- Adding additional roles to a Subunit Administrator:
 - Display the list of users within a Subunit
 - Click the "Edit" icon in the Actions column
 - Click "Next" to the fourth step and select the desired roles
 - Click [Save] to apply the changes





User Management v5 Further Roles for (Subunit) Administrator

When additional roles have been added, they will appear in a pull-down menu

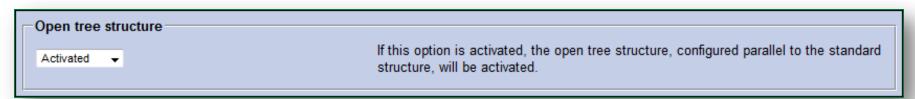




Review of Tree Structure Set-Up Versions 5.n Only

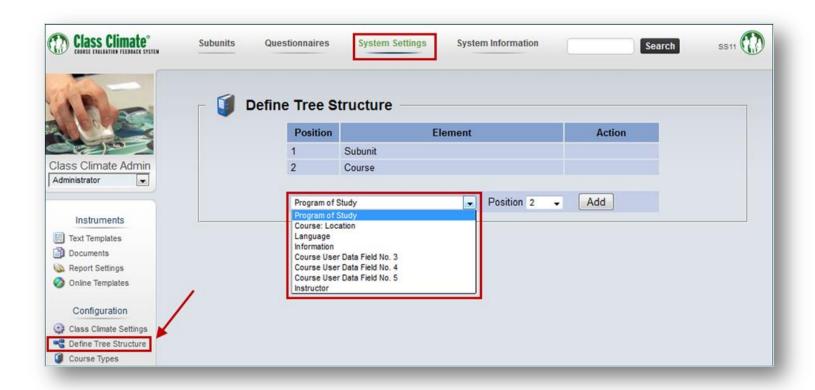
Tree Structure – Generate, Display, and Class Climate Course EVALUATION FEEDBACK SYSTE Delete Surveys and Report Creator Compilation Reports

- Expanded Tree Structure
 - 4.1 View Tool Only (Organization Structure)
 - 5.n Allows:
 - Display, Generate, Delete Surveys
 - Create Compilation Reports by Report Creator
- Displaying the organizational Tree structure is "Activated" by default
- May be "Deactivated" in the System Settings:
 - "System Settings / Class Climate Settings / Functions / Open Tree Structure"



Tree Structure – Generate, Display, and Class Climate COURSE EVALUATION FEEDBACK SYSTEM Delete Surveys and Report Creator Compilation Reports

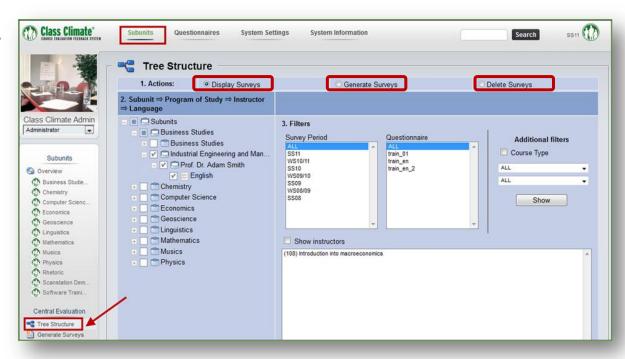
- The sequence and number of levels displayed in the Tree has to be defined in the menu:
 - "System Settings / Configuration / Define Tree Structure"
- "Subunit" and "Course" are the framework levels, additional levels can be inserted in between



Tree Structure – Generate, Display, and Class Climate Course EVALUATION FEEDBACK SYS Delete Surveys and Report Creator Compilation Reports

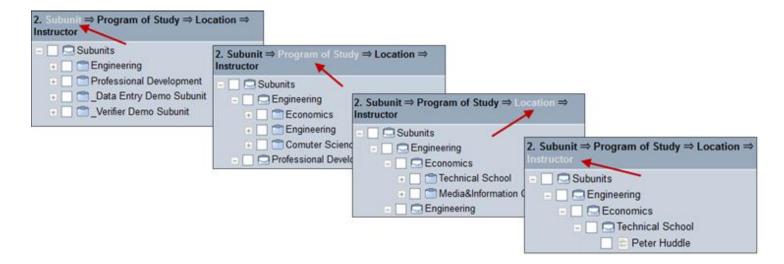
- Once defined, the Tree can be displayed in the menu: "Subunits / Central Evaluation / Tree Structure"
- > Three (3) different actions are available:
 - Display Surveys
 - Generate Surveys
 - Delete Surveys

Exact concept available to Report Creator(s)



Tree Structure – Generate, Display, and Course EVALUATION FEEDBACK SYSTE Delete Surveys and Report Creator Compilation Reports

- Working with the Tree structure:
 - Click name of element, or the "expand" button [+], to open respective underlying level
 - Click selection boxes next to the relevant entries to define the surveys or courses to be displayed
 - Selecting higher level element will display lower related levels
 - Click Level Name in the header of the list to expand or collapse related levels



✓ □ Economics

✓ Central Campus

Engineering

Philipp Belmore

Carlos Hernandez
 Media&Information Center



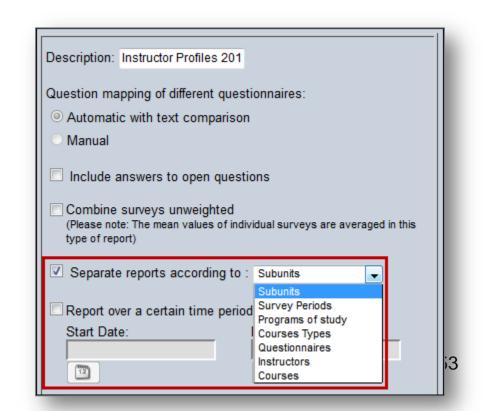
Batch Creation of Reports Reports for Specified Date Range

Version 5.1 Only

Batch Creation of Reports – Any Compilation



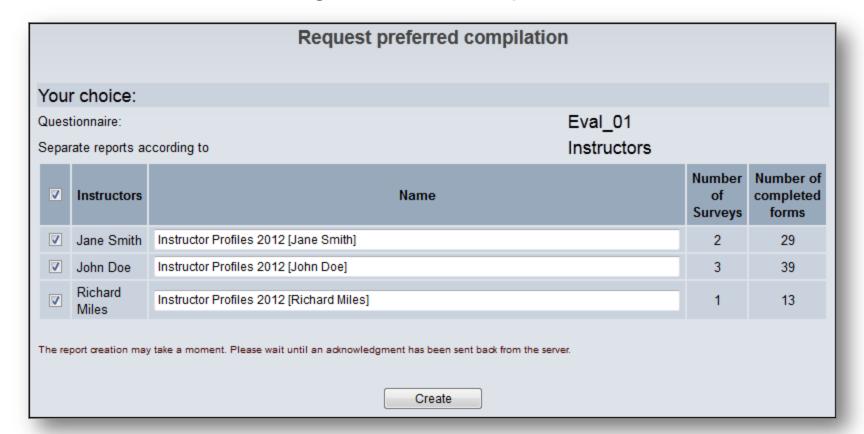
- > Allows creation reports according to specific filter criteria
 - Create with just one (1) mouse click
- Choose: "Separate reports according to:" and select desired filter criteria from drop-down list
- You can filter for:
 - Subunits
 - Survey Periods
 - Programs of Study
 - Course Types
 - Questionnaires
 - Instructors
 - Courses
 - Course User Data Fields



Batch Creation of Reports – Any Compilation



- An Overview of the Reports to be created will be shown
- The name of the reports can be edited
- Single reports may be deselected
- Click [Create] to generate the reports



Batch Creation of Reports – Any Compilation continued

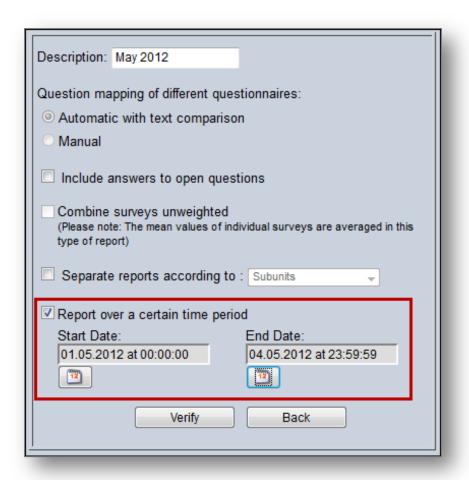


Reports in Folder "Sample Reports" ?								
Туре	Name	Status	Form	Created	# Forms	Del	Report	Export
🚵 Ins	structor Profiles 2012 [Jane Smith]	Data available	₹ Eval_01	06.05.2012	■029	×	HTML PDF	CSV SPSS
🚵 Ins	structor Profiles 2012 [John Doe]	Data available	₹ Eval_01	06.05.2012	■039	×	HTML PDF	CSV SPSS
lns	structor Profiles 2012 [Richard Miles]	Data available	₹ Eval_01	06.05.2012	■013	*	HTML PDF	CSV SPSS

Reports for a Defined Period – Any Compilation



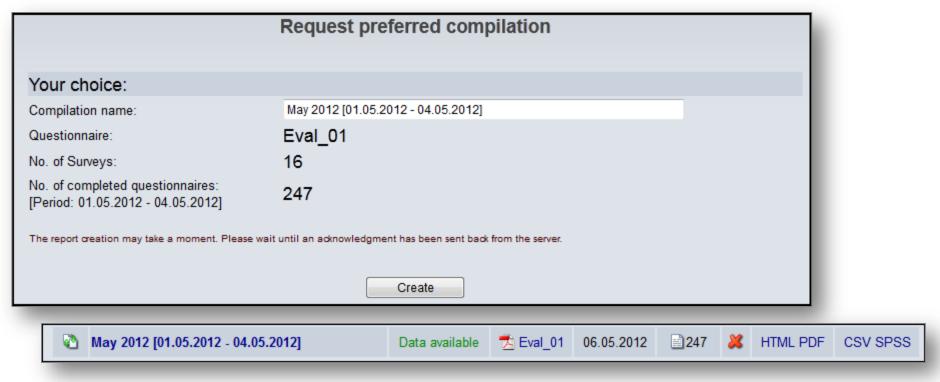
- Allows creation of a series of reports for a specific Time Period
 - Independent of Survey Periods
- Choose: "Report over a certain period of time"
- Enter the Start and End Date
 - Calendar pop-up available
- Click [Verify]



Reports for a Defined Period – Any Compilation



The report for the desired period will be created



- Date Information:
 - For PAPER surveys, the relevant date is the Scan Date
 - For ONLINE surveys, the date is when a Participant clicked "Submit"