

Streamlining Assessment

THE POWER OF AN INTEGRATED APPROACH

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Streamlining at FSW: Our Place in Assessment

5 Schools

71 Currently Course-level Assessed

GenEd

SB1720

QEP

SEI

Support

Streamlining at FSW: Our Place in Assessment

Assessment Approaches at the Institutional Level¹

National surveys

External performance assessments

In-house surveys

Alumni surveys

Employer survey

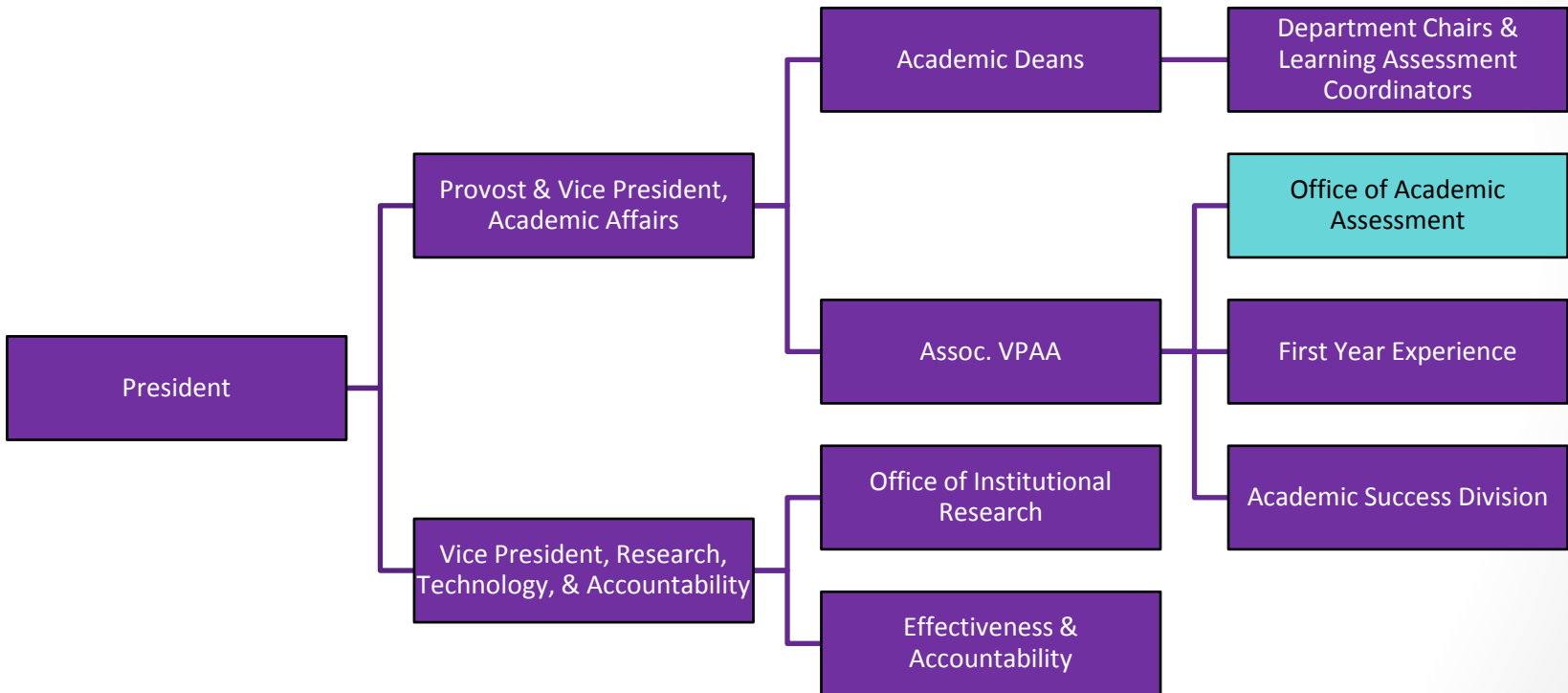
Rubrics

General knowledge and skills measures

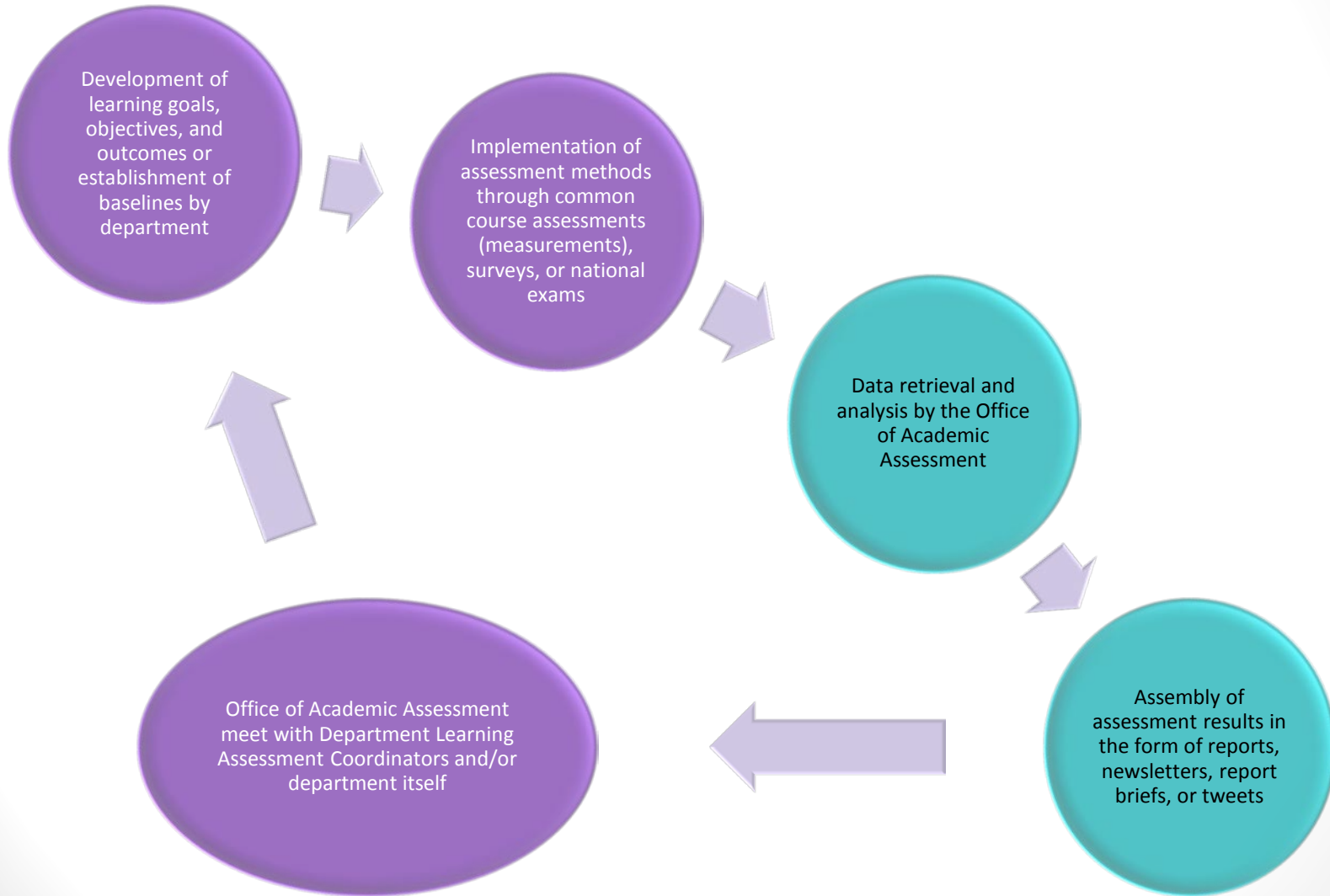
Portfolios

¹Kuh, G.D, Ikenberry, S.O., Jankowski, N.A., Cain, T.R., Ewell, P.T., Hutchings, P., and Kinzie, J. 2015. *Using evidence of student learning to improve higher education*. Jossey-Bass, San Francisco, 275p.

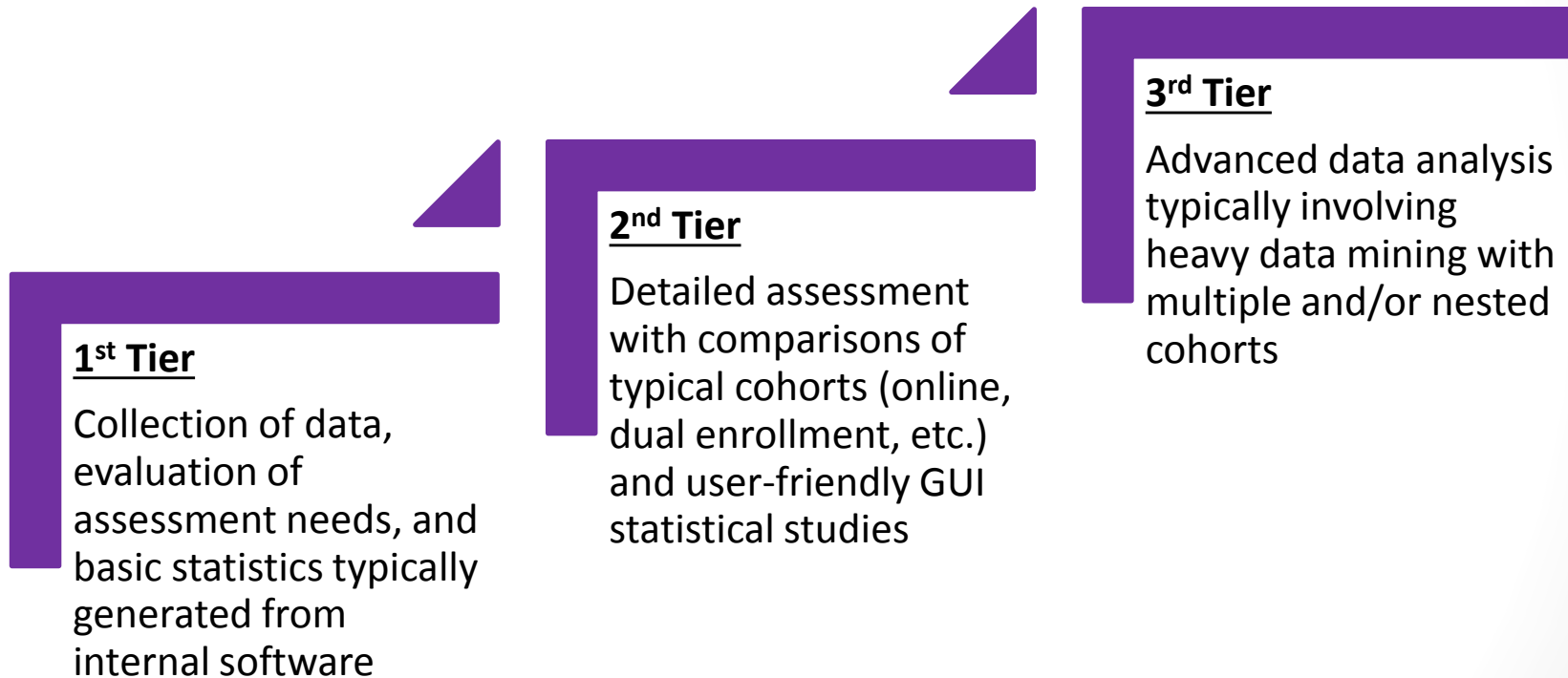
Streamlining at FSW: Organization



Streamlining at FSW: Process



Streamlining at FSW: Process



Streamlining at FSW: The 1st Tier

Assessment Outreach (Confirm Assessments, Keys, SLOs, Format, Needs)

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graph TD; A[Assessment Outreach (Confirm Assessments, Keys, SLOs, Format, Needs)] --> B[Data Collection/Integration]; B --> C[Basic results are reported to Director of Assessment & Department Learning Assessment contact; raw data reported to Director of Assessment only];
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Data Collection/Integration

Basic results are reported to Director of Assessment & Department Learning Assessment contact; raw data reported to Director of Assessment only










Streamlining at FSW: 1st Tier Sample Results

Test Statistics Report

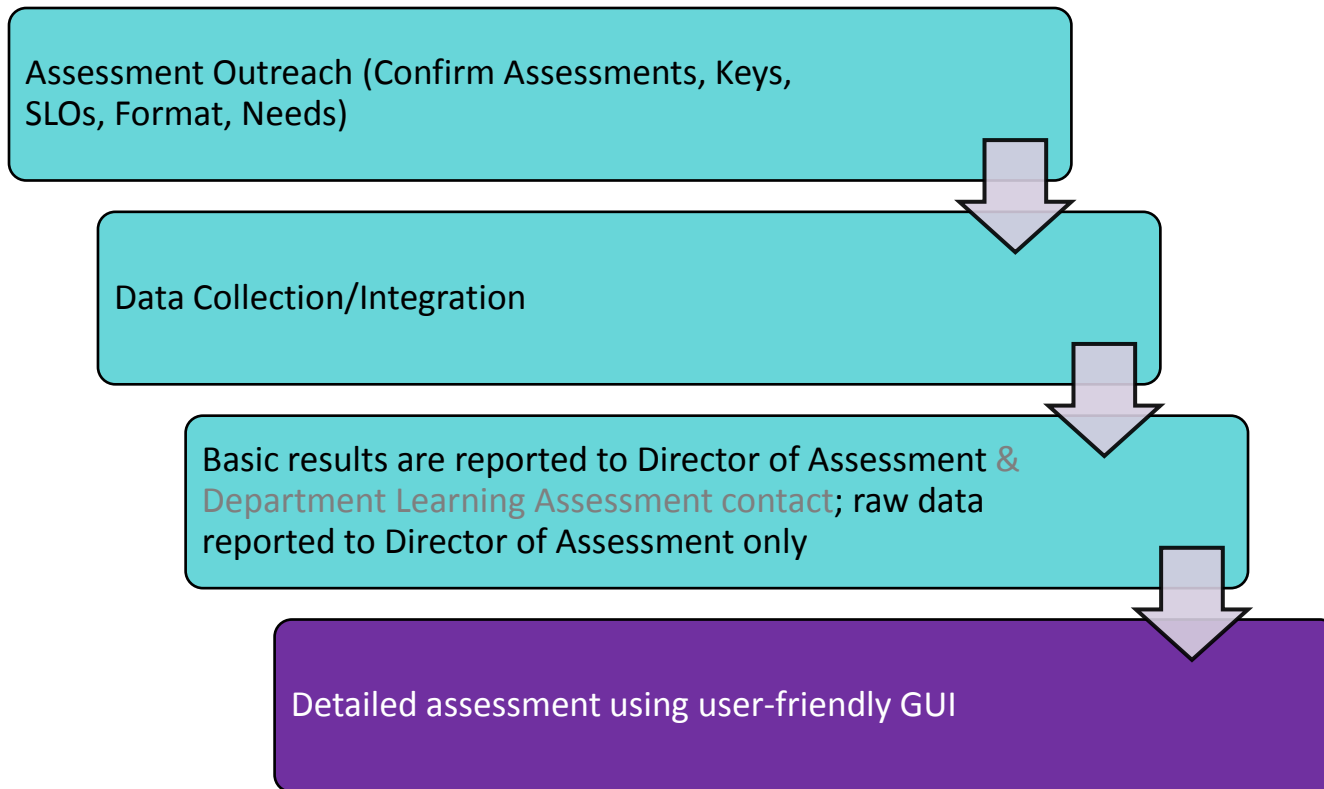
With SLO and Prog Out	Fall 2014						OnCamp Sections
	Overall	SLO 1	SLO 2	SLO 3	SLO 4	SLO 5	SLO 6
Score Data							
Number of Graded Items	50	3	10	10	4	12	5
Total Points Possible	50	3	10	10	4	12	5
Maximum Score	42	3	9	10	4	11	5
Minimum Score	12	0	0	2	1	0	0
Statistics							
Mean Score	25.62	1.72	3.92	6.23	2.40	4.81	3.13
Mean Percent Score	51.25	57.23	39.25	62.26	59.91	40.09	62.64
Benchmark Score	-	-	-	-	-	-	-
Range of Scores	30.00	3.00	9.00	8.00	3.00	11.00	5.00
Standard Deviation	7.50	0.92	2.13	2.09	1.00	2.30	1.17
Variance	56.20	0.84	4.52	4.36	0.99	5.29	1.36
Percentiles							
Percentile (25)	21.00	1.00	2.00	4.50	1.50	3.00	2.00
Median Score	26.00	2.00	4.00	6.00	3.00	5.00	3.00
Percentile (75)	32.00	2.00	5.00	8.00	3.00	6.00	4.00
Inter Quartile Range	11.00	1.00	3.00	3.50	1.50	3.00	2.00
Confidence Intervals							
1%	22.88	1.38	3.15	5.46	2.03	3.97	2.71
5%	23.56	1.46	3.34	5.65	2.12	4.18	2.81
95%	27.68	1.97	4.51	6.80	2.67	5.44	3.45
99%	28.36	2.05	4.70	6.99	2.76	5.65	3.56
Test Reliability							
Kuder-Richardson Formula 20	0.83	0.39	0.61	0.60	0.27	0.56	0.28
Kuder-Richardson Formula 21	0.79	0.20	0.53	0.51	0.04	0.50	0.17
Coefficient (Cronbach) Alpha	0.83	0.39	0.61	0.60	0.27	0.56	0.28

Class Learning Objectives Report

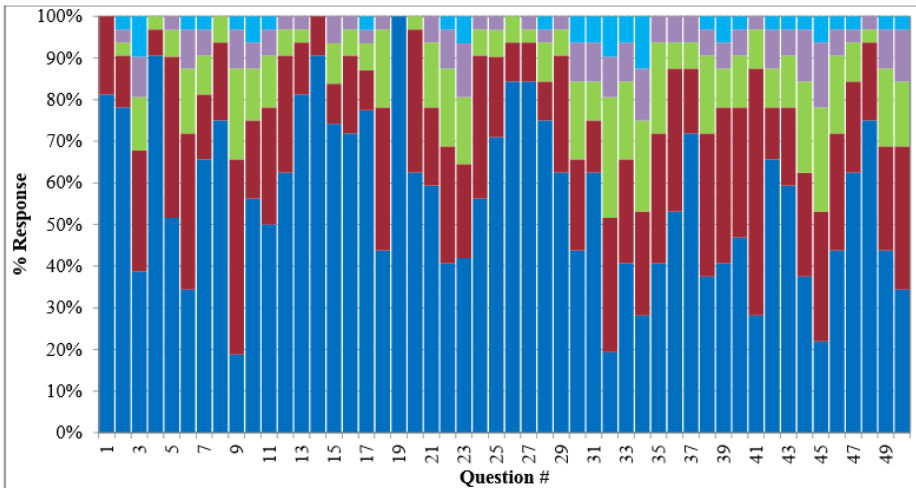
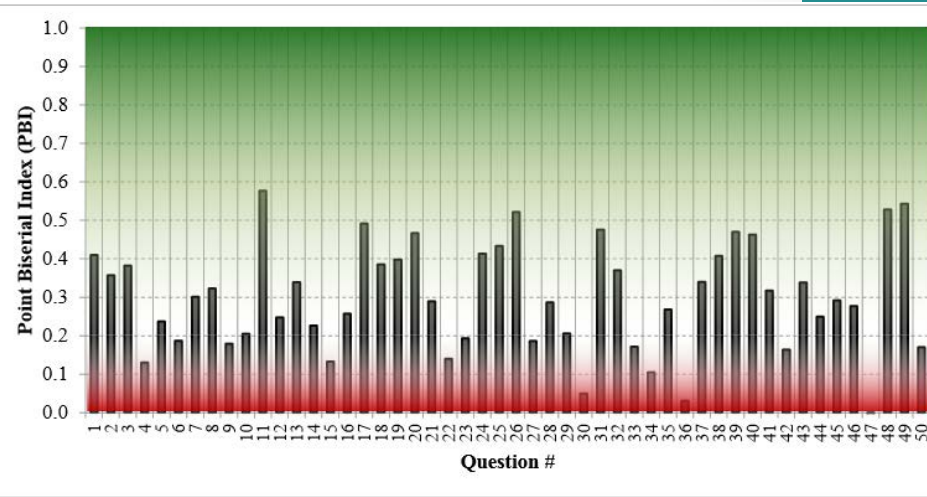
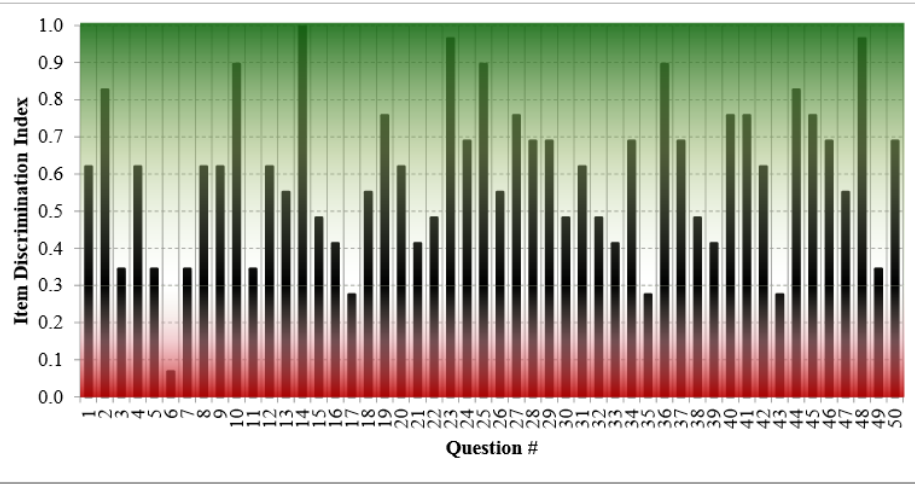
With SLO and Prog Out	Fall 2014	CRN
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Learning Objective	Grade	Total	Percent
Overall	F	25.40 / 50.00	50.80 
SLO 1	D	1.88 / 3.00	62.67 
SLO 2	F	3.84 / 10.00	38.40 
SLO 3	D	6.44 / 10.00	64.40 
SLO 4	D	2.40 / 4.00	60.00 
SLO 5	F	4.40 / 12.00	36.67 
SLO 6	D	3.00 / 5.00	60.00 
SLO 7	F	4.36 / 8.00	54.50 
PO 1	F	18.80 / 38.00	49.47 

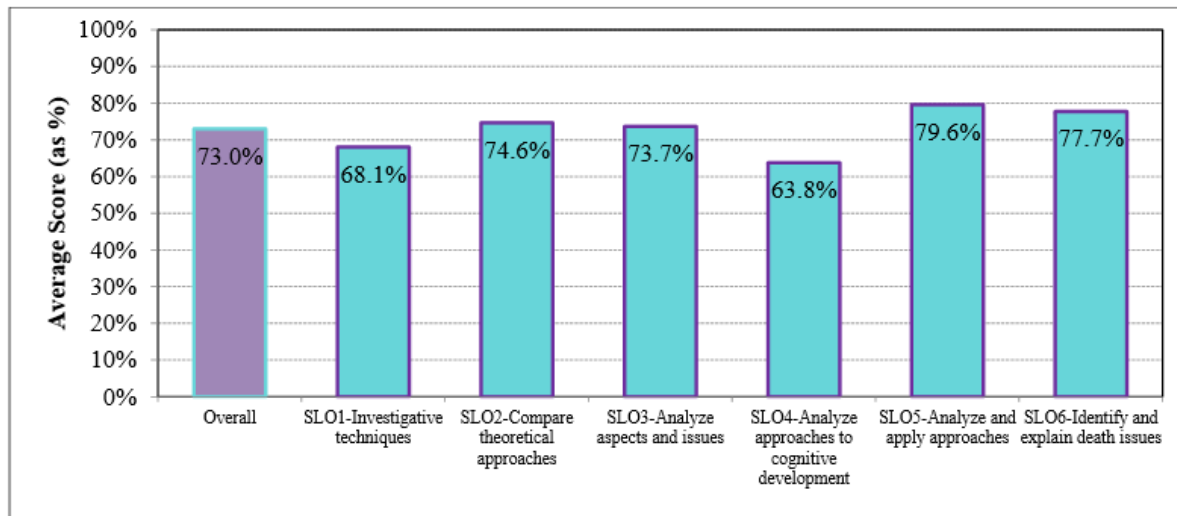
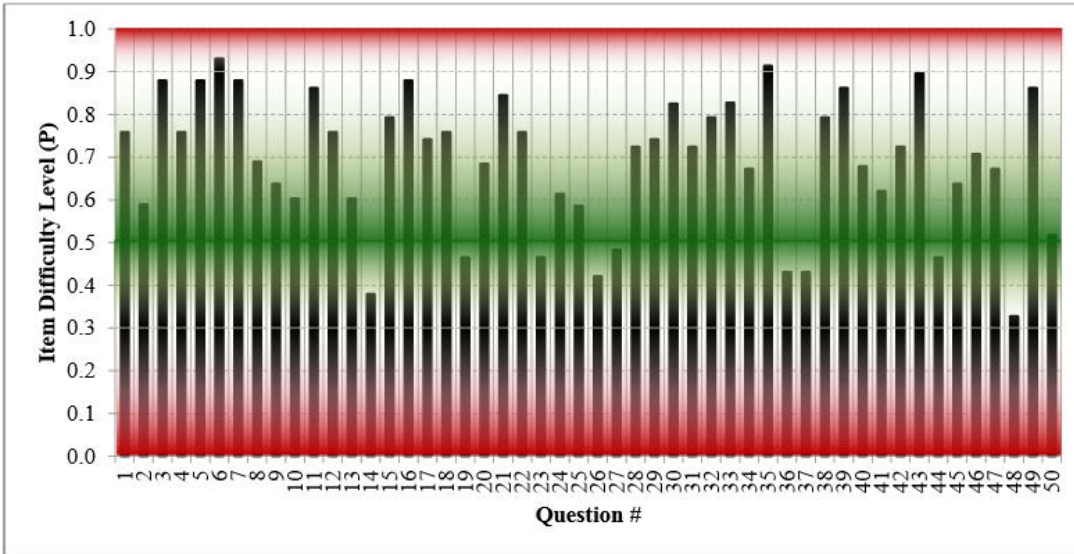
Streamlining at FSW: The 2nd Tier



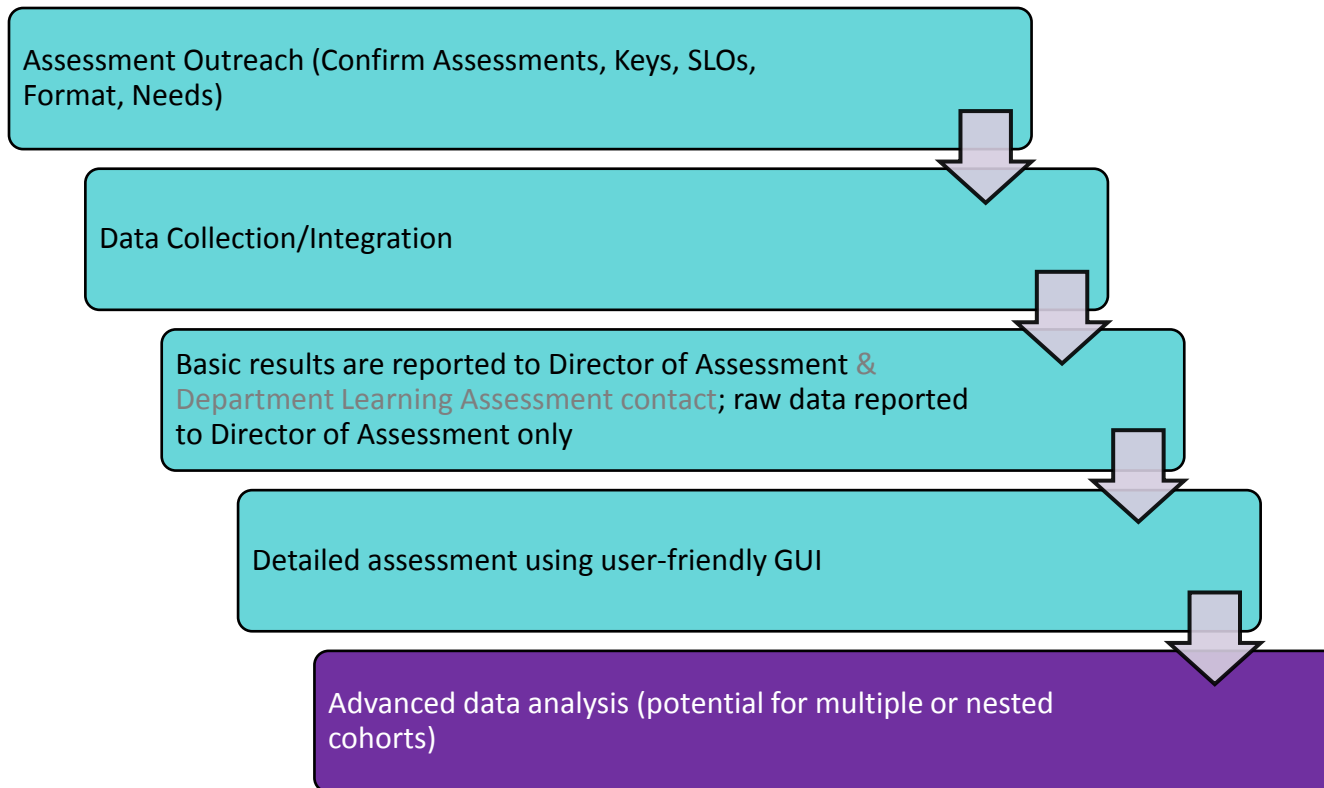
Streamlining at FSW: 2nd Tier Sample Results



Streamlining at FSW: 2nd Tier Sample Results



Streamlining at FSW: The 3rd Tier

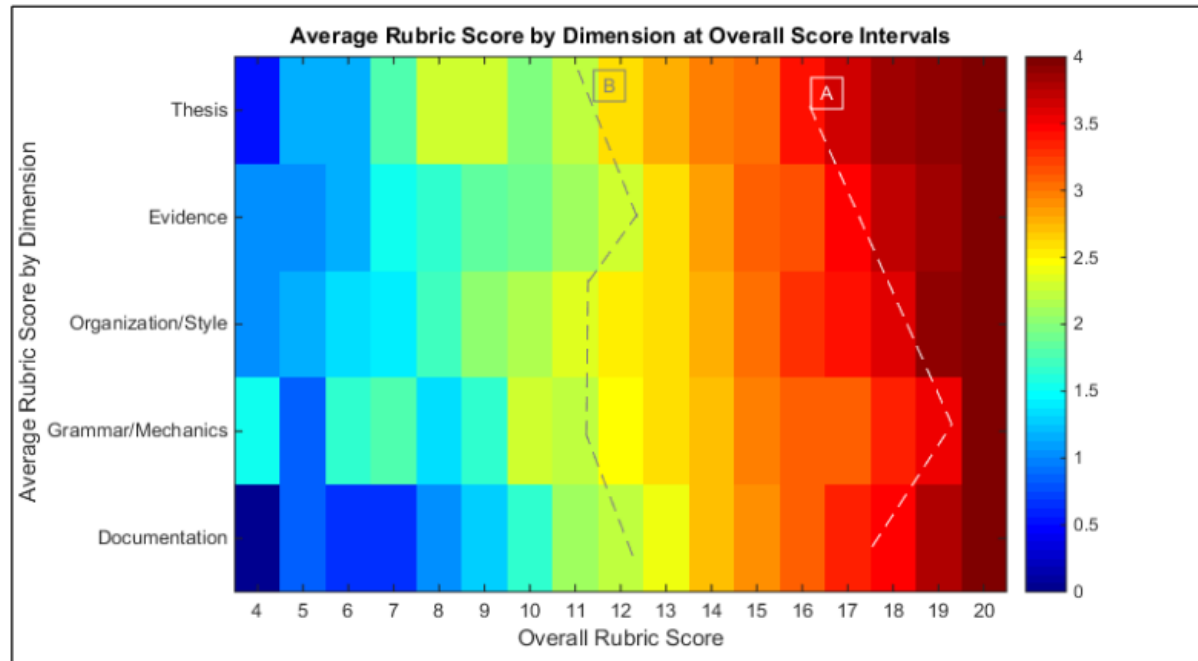
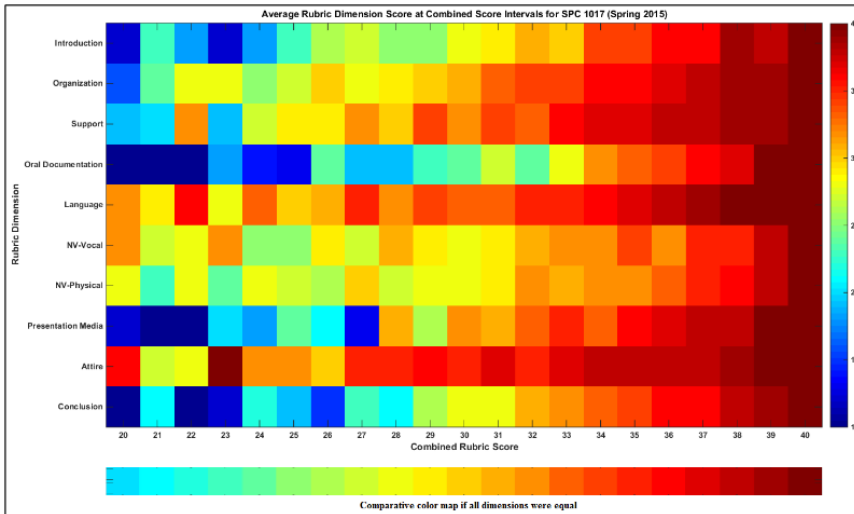


Streamlining at FSW: The 3rd Tier

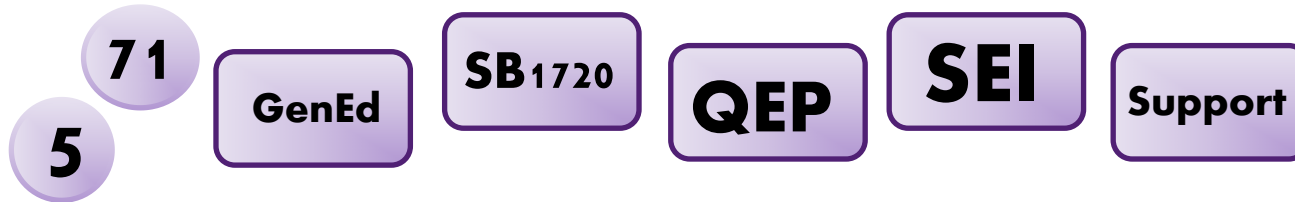
The image shows the MATLAB R2014b interface. The top menu bar includes HOME, PLOTS, and APPS. The ribbon contains various toolbars for file operations, variable management, code execution, environment settings, and resources. The main workspace is divided into four panes: Current Folder (showing a list of files like ACTe_histogram.fig, DevSuccess1.m, etc.), Command Window (showing the prompt f >>), Workspace (showing an empty table with columns Name and Value), and Command History (showing a list of executed commands like colormap(jet), data=zeros(1,1), figure, image, etc.). A large teal box with the text "A little demonstration" is overlaid on the Command Window pane.

A little demonstration

Streamlining at FSW: 3rd Tier Sample Results



Streamlining at FSW: Publishing Results



<http://www.fsw.edu/facultystaff/assessment>

Streamlining Assessment at FSW

Thank you for your time.

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Office of Academic Assessment

<http://www.fsw.edu/facultystaff/assessment>

FSW Office of Assessment Twitter Page

<https://twitter.com/FSWassessment>

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