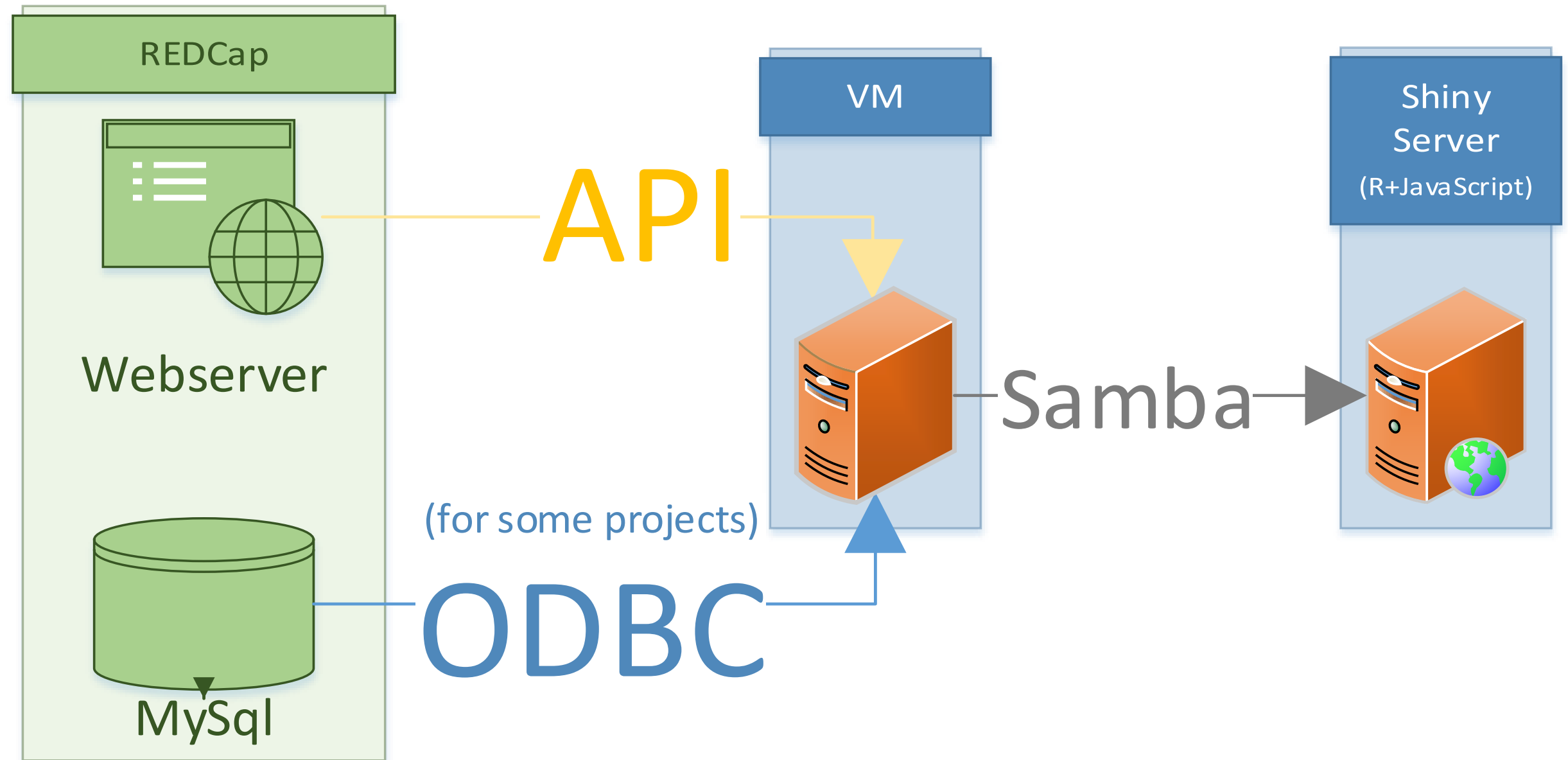# Interactive reports and webpages with R & Shiny

OUHSC Statistical Computing User Group

October 6 2015

Will Beasley

Flow from Databases to Shiny Report

Searchable & Hyperlinked Scheduling App

http://shiny.ouhsc.edu/MReportingPublic/Shiny/UpcomingSchedule/

Resize Logic Leverages [Bootstrap](#) Library

http://shiny.ouhsc.edu/MReportingPublic/Shiny/UpcomingSchedule/
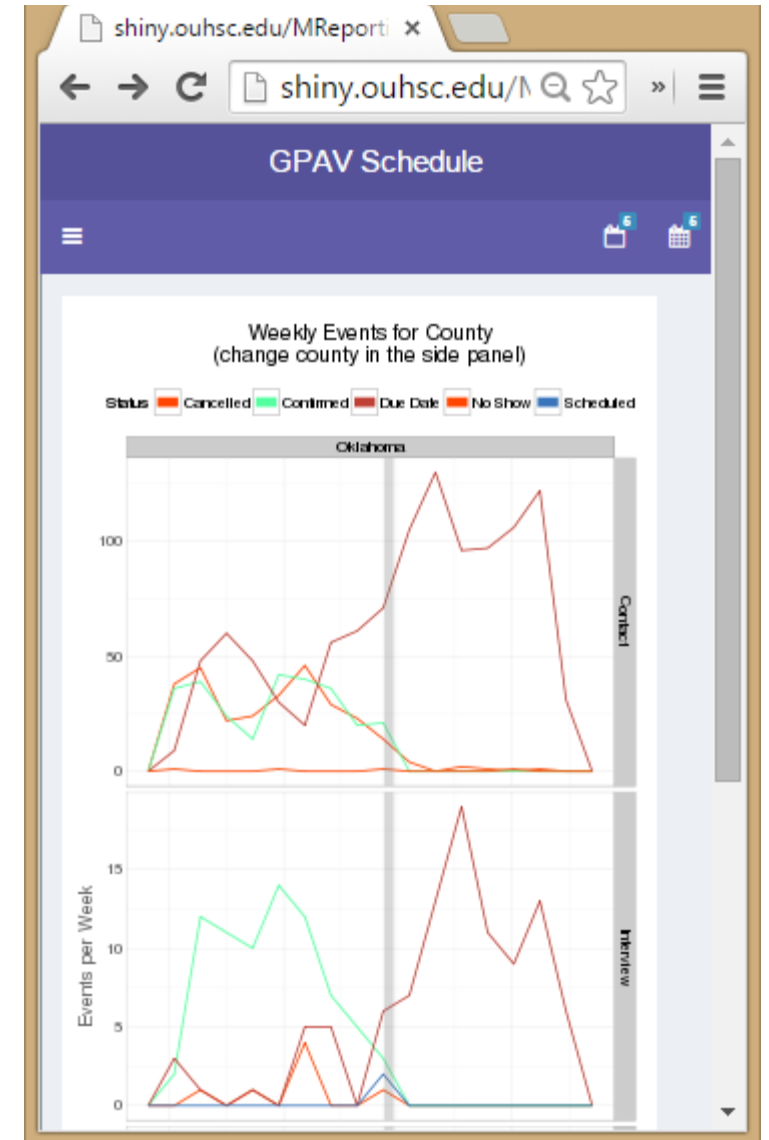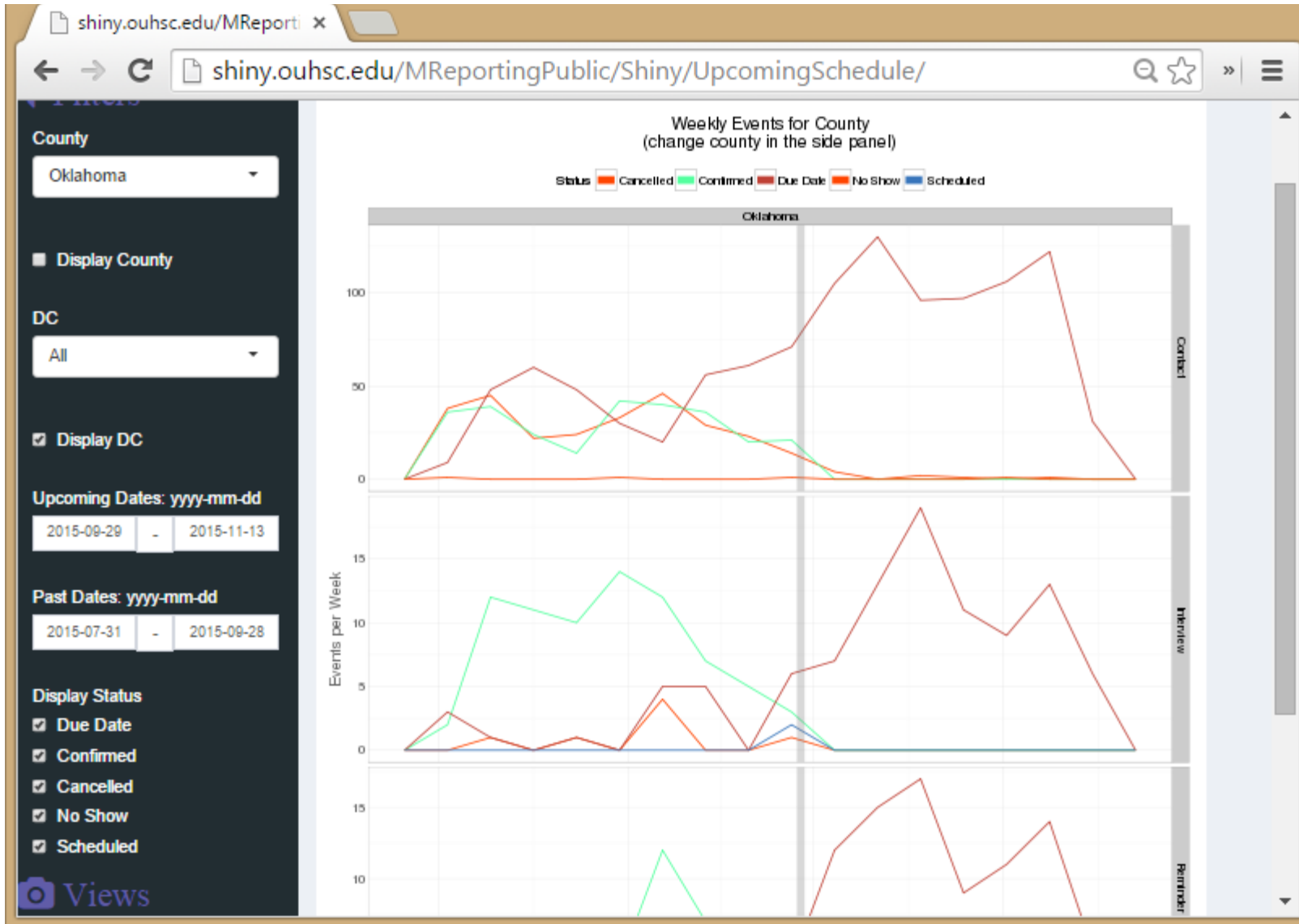
Get Cutesy with HTML5, JavaScript, & CSS

http://shiny.ouhsc.edu/TfcbtPublic/Shiny/TherapistProgress/

Exploit R Statistical & Graphical Capabilities
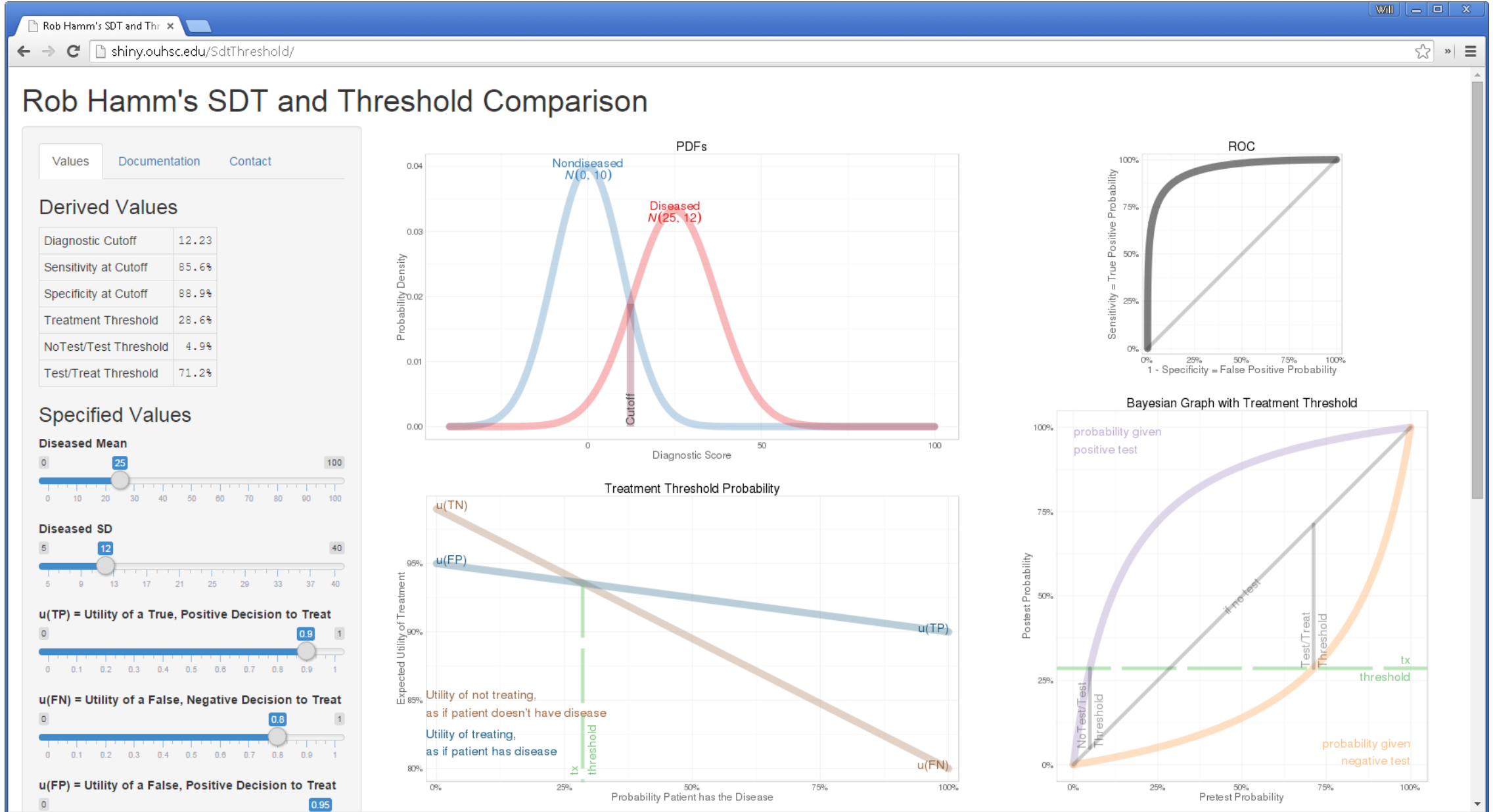
Validate Data after Collection, but before Analysis

Violations at 2015-10-05 14:20:32

check name	studyid	arm	redcap event name	event date	dc currently responsible	error message	priority
3978 studyid positive	-123456789	1	initial interview arm 1		NotSet	`studyid` is not a valid positive number.	3
3979 studyid positive	-888888888	1	year 1 interview arm 1	2015-07-09	NotSet	`studyid` is not a valid positive number.	3
3980 studyid positive	NA					`studyid` is not a valid positive number.	3
5730 pregnant weeks until due date positive	21121120520514504	3	initial interview arm 3	2015-03-06	Crystal	`PregnantWeeksUntilDueDate` is not a valid positive number.	3
5731 pregnant weeks until due date positive	3092051122488	3	initial interview arm 3	2014-04-15	Beverly	`PregnantWeeksUntilDueDate` is not a valid positive number.	3
5732 pregnant weeks until due date under 40	10117574	1	year 2 interview arm 1	2014-10-01	Kalyn	`PregnantWeeksUntilDueDate` should be less than 40.	3
5733 pregnant weeks until due date under 40	309918027	3	initial interview arm 3	2014-08-22	Beverly	`PregnantWeeksUntilDueDate` should be less than 40.	3
5734 weeks pregnant when started prenatal care under 40	10111627	1	year 2 interview arm 1	2014-10-17	Denise	`WeeksPregnantWhenStartedPrenatalCare` should be less than 40.	3
5735 weeks pregnant when started prenatal care under 40	10747907	2	year 1 interview arm 2	2014-11-17	Denise	`WeeksPregnantWhenStartedPrenatalCare` should be less than 40.	3
5736 weeks pregnant when started prenatal care under 40	20550021	2	initial interview arm 2	2013-06-26	Felisa	`WeeksPregnantWhenStartedPrenatalCare` should be less than 40.	3
3981 dc set	-123456789	1	initial interview arm 1		NotSet	`dc_currently_responsible` is not set.	2
3982 dc set	-888888888	1	year 1 interview arm 1	2015-07-09	NotSet	`dc_currently_responsible` is not set.	2
3983 dc set	10100173	1	initial interview arm 1		NotSet	`dc_currently_responsible` is not set.	2

| All | All | All | All | All | All | All | All |

Showing 1 to 13 of 5,736 entries

Previous | 1 | 2 | 3 | 4 | 5 | … | 442 | Next

(Internal Report, but easily convertible to Shiny)

Return to Slides of Code

(https://rawgit.com/OuhscBbmc/StatisticalComputing/master/2015_Presentations/10_October/beasley-scug-shiny-2015-10.html#/)