

Grading quality reports: information tool

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Public Health England is responsible for the NHS Screening Programmes



Introduction

- This tool has been developed to complement the new 'Management of grading quality' document
- Provide local programmes with easy to use guidance on the new software and the reports that are produced
- The new reports generated by the test and training (TAT) system will identify outliers in grading performance
- A traffic light system is being implemented to quickly identify the performance of graders
- Includes a flagging system for participation, sensitivity and specificity of graders to sight threatening diabetic retinopathy who are undertaking the monthly TAT
- Programmes should use the information provided to undertake recovery action to ensure graders meet national grading standards are safe within their programmes

Logging on

- Use the current web link for the Test and Training
- Enter log on details
- Click directly on 'programme management report' or
- Click on 'programme stats' then 'grading management report'
- Click on 'sensitivity & specificity to STDR by programme'
- This will display the new report

Log in screen – programme manager

Administration - Programme Manager

General	View Image Thumbnails » View Image Thumbnails (Training Sets) » Upload Images » My Images » Reset Training Sets » Guest Requests »
User Accounts	ACL » Programme Manager » Programme Administrator » Other Contact » Graders » Off Add User »
Reports	Withhold Reports » Programme Report » Grader Report » User:Identifier Report » Grading management report »

Log in screen – authorised programme stats user

Select Login

Please select from below the access level under which you would like to be logged in.

If the Programme or access level you expected to see is not on this list, please first contact your Manager to check they have registered you to your programme, and confirmed you as a member of your programme.


Alternatively, please click [here](#) to email the System Administration team for assistance.

Full Leader

Programme Stats

Welcome

 [Click here to view the Programme statistics report »](#)

 [Click here to view the Grading management report »](#)

DESP Grading Management Report - Somewhere Programme - Rolling 12 months

Report date to end March 2015

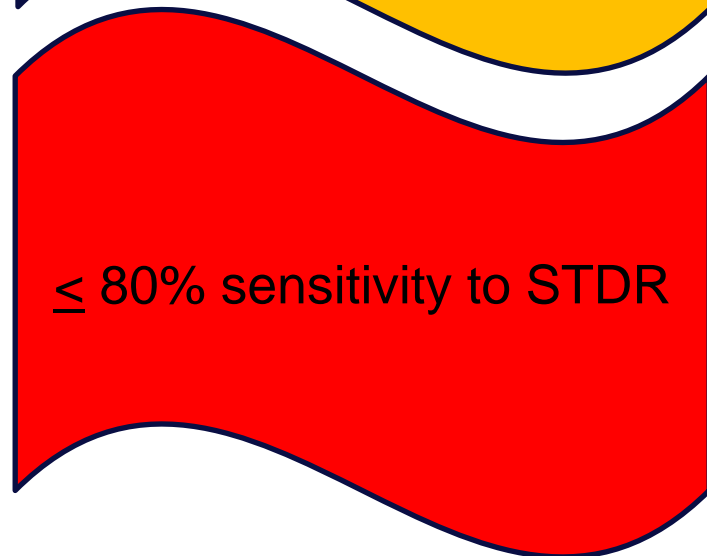
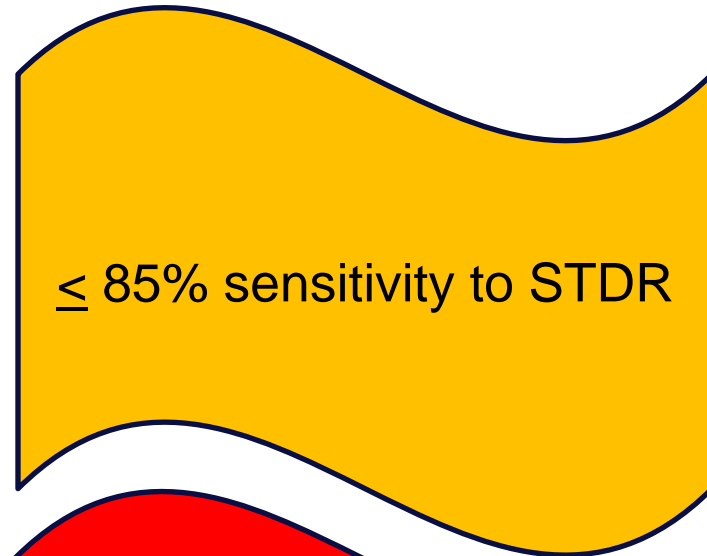
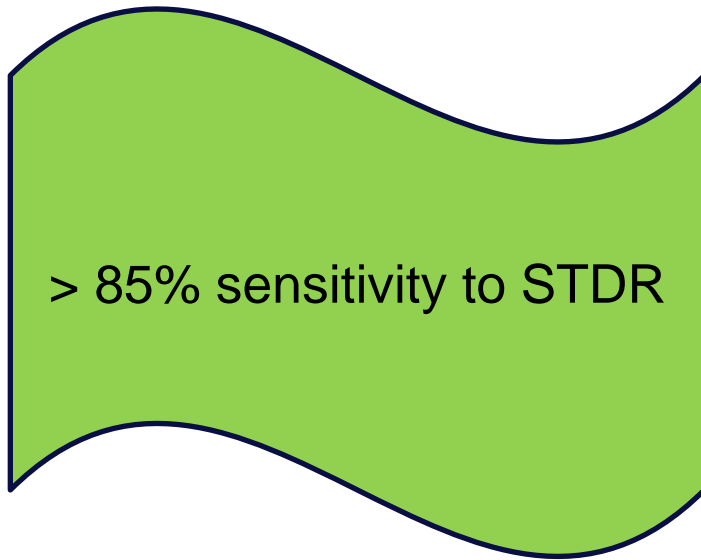
Grader ID	Programme	Participation		Cumulative sensitivity in a 12 months period (max 10 sets)				
		Status	Completed	End June 2014	End September 2014	End December 2014	End March 2015	
				Sensitivity %	Sensitivity %	Sensitivity %	Sensitivity %	Specificity %
1234	Somewhere	Grader	11	96%	100%	93%	96.33%	94.23%
1235	Somewhere	Grader	12	65%	72%	63%	66.67%	100%
1236	Somewhere	Grader	11	92%	94%	97%	94.33%	97.12%
1237	Somewhere	Grader	10	88%	84%	82%	84.67%	95.92%
1238	Somewhere	Grader	10	100%	100%	100%	100.00%	100%
1239	Somewhere	Trainee	9	96%	97%	97%	96.67%	99.04%
1240	Somewhere	Grader	9	96%	100%	100%	98.67%	94.62%
1241	Somewhere	Trainee	6	60%	100%	100%	86.67%	90.16%
1242	Somewhere	Grader	11	92%	97%	100%	96.33%	95.19%
1243	Somewhere	Grader	9	95%	87%	95%	92.33%	87.75%
1244	Somewhere	Grader	8	100%	94%	92%	95.33%	87.56%
1245	Somewhere	Grader	10	100%	97%	97%	98.00%	91.35%
1246	Somewhere	Trainee	7	88%	92%	92%	90.67%	91.36%
1247	Somewhere	Grader	7	63%	70%	92%	75.00%	93.67%
1248	Somewhere	Grader	11	96%	94%	93%	94.33%	90.38%
1249	Somewhere	Grader	0	null	null	null	null	null
1250	Somewhere	Grader	0	null	null	null	null	null
1251	Somewhere	Grader	0	null	null	null	null	null
1252	Somewhere	Grader	9	100%	97%	100%	99.00%	76.86%
1253	Somewhere	Grader	8	96%	97%	92%	95.00%	72.62%

Participation Flag

≥ 10 sets in last 12 months

< 10 sets in last 12 months

Sensitivity Flag



Specificity flag

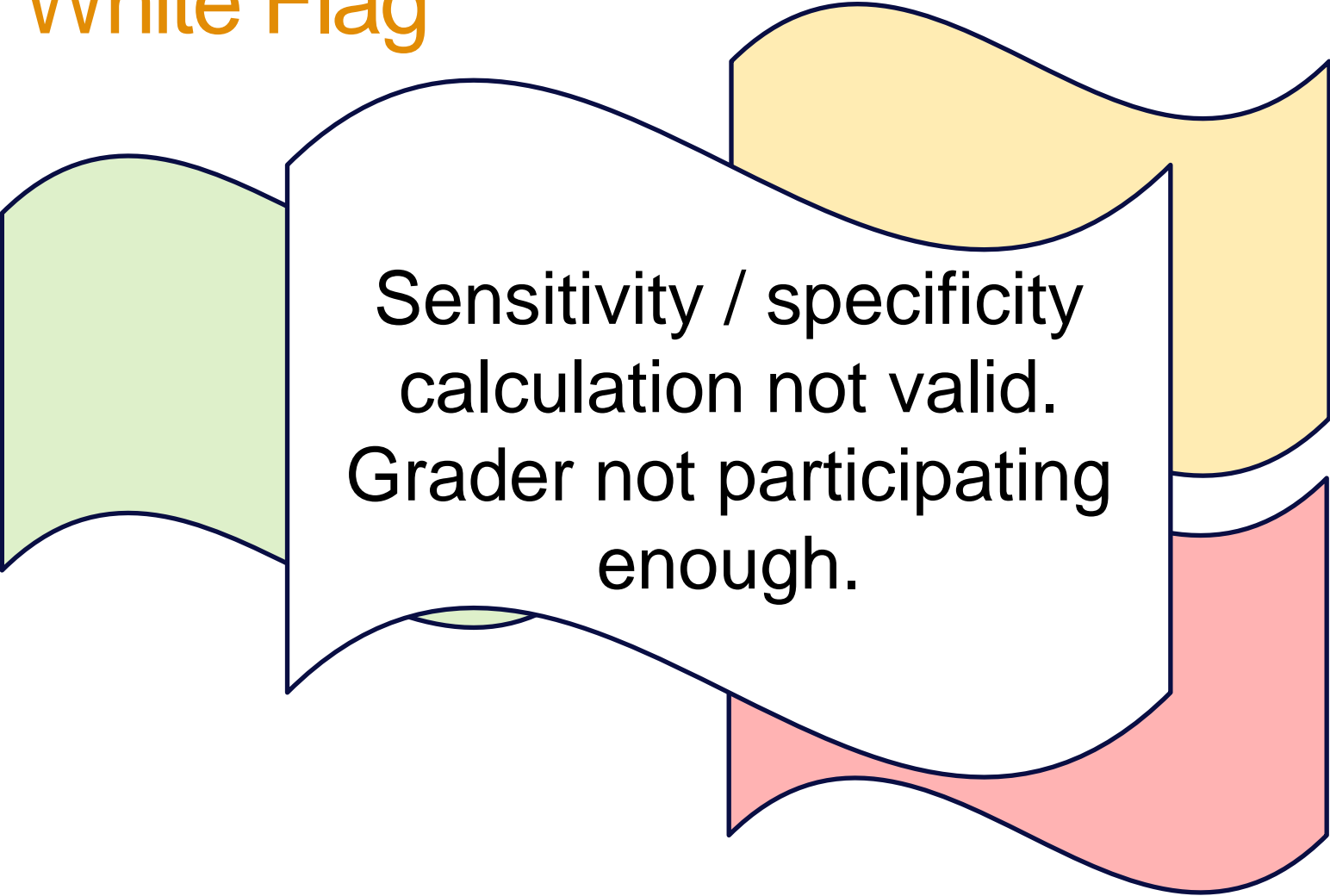
A green, wavy-edged shape with a dark blue outline, representing a specificity flag for values greater than 80%.

> 80% specificity to STDR

A yellow, wavy-edged shape with a dark blue outline, representing a specificity flag for values less than or equal to 80%.

\leq 80% specificity to STDR

White Flag



Sensitivity / specificity
calculation not valid.
Grader not participating
enough.

DESP Grading Management Report - Somewhere Programme - Rolling 12 months

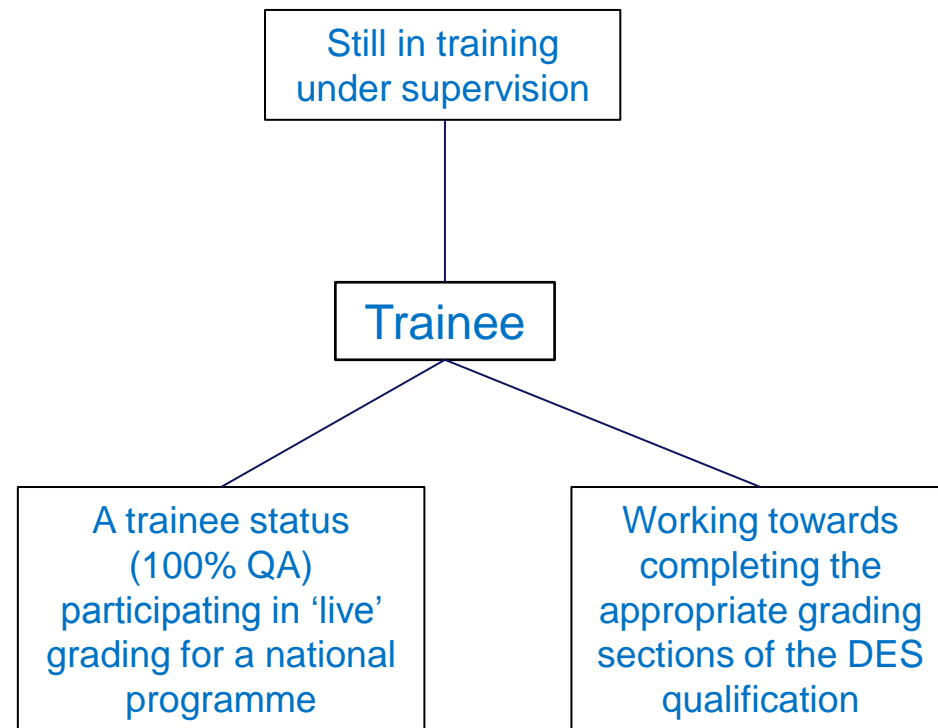
Report date to end March 2015

Grader ID	Programme	Participation		Cumulative sensitivity in a 12 months period (max 10 sets)				
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1238	Somewhere	Grader	10	100%	100%	100%	100.00%	100%
1239	Somewhere	Trainee	9	96%	97%	97%	96.67%	99.04%
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1242	Somewhere	Grader	11	92%	97%	100%	96.33%	95.19%
1243	Somewhere	Grader	9	95%	87%	95%	92.33%	97.75%
1244	Somewhere	Grader	8	100%	94%	92%	95.33%	97.56%
1245	Somewhere	Grader	10	100%	97%	97%	98.00%	91.35%
1246	Somewhere	Trainee	7	88%	92%	92%	90.67%	91.36%
1247	Somewhere	Grader	7	63%	70%	92%	75.00%	93.67%
1248	Somewhere	Grader	11	96%	94%	93%	94.33%	90.38%
1249	Somewhere	Grader	0	null	null	null	null	null
1250	Somewhere	Grader	0	null	null	null	null	null
1251	Somewhere	Grader	0	null	null	null	null	null
1252	Somewhere	Grader	9	100%	97%	100%	99.00%	76.86%
1253	Somewhere	Grader	8	96%	97%	92%	95.00%	72.62%

DESP Grading M

Report date to end

Grader ID	Programme	Status
1234	Somewhere	Grader
1235	Somewhere	Grader
1236	Somewhere	Grader
1237	Somewhere	Grader
1238	Somewhere	Grader
1239	Somewhere	Trainee
1240	Somewhere	Grader
1241	Somewhere	Trainee
1242	Somewhere	Grader
1243	Somewhere	Grader
1244	Somewhere	Grader
1245	Somewhere	Grader
1246	Somewhere	Trainee
1247	Somewhere	Grader
1248	Somewhere	Grader
1249	Somewhere	Grader
1250	Somewhere	Grader
1251	Somewhere	Grader
1252	Somewhere	Grader
1253	Somewhere	Grader



DESP Grading M...

Report date

Participation

Grader ID	Programme	Status	Completed
1234	Somewhere	Grader	11
1235	Somewhere	Grader	12
1236	Somewhere	Grader	11
1237	Somewhere	Grader	10
1238	Somewhere	Grader	10
1239	Somewhere	Trainee	9
1240	Somewhere	Grader	9
1241	Somewhere	Trainee	6
1242	Somewhere	Grader	11
1243	Somewhere	Grader	9
1244	Somewhere	Grader	8
1245	Somewhere	Grader	10
1246	Somewhere	Trainee	7
1247	Somewhere	Grader	7
1248	Somewhere	Grader	11
1249	Somewhere	Grader	0
1250	Somewhere	Grader	0
1251	Somewhere	Grader	0
1252	Somewhere	Grader	9
1253	Somewhere	Grader	8

This is the number of test sets taken in the last 12 months calculated on the last day of the reporting quarter.

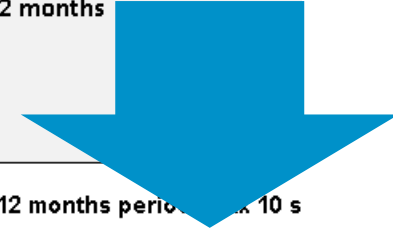
Green = full participation

Amber = not sufficient test sets taken

Blue text = trainee

DESP Grading Management Report - Somewhere Programme - Rolling 12 months

Report date to end March 2015



Grader ID	Programme	Participation		Cumulative sensitivity in a 12 months period to 10 s			
		Status	Completed	End June 2014	End September 2014	End December 2014	End Mar
				Sensitivity %	Sensitivity %	Sensitivity %	Sensitivity %
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1253	Somewhere	Grader	8	96%	97%	92%	95.00%

DESP Grading Management Report - Somewhere Programme - Rolling 12 months

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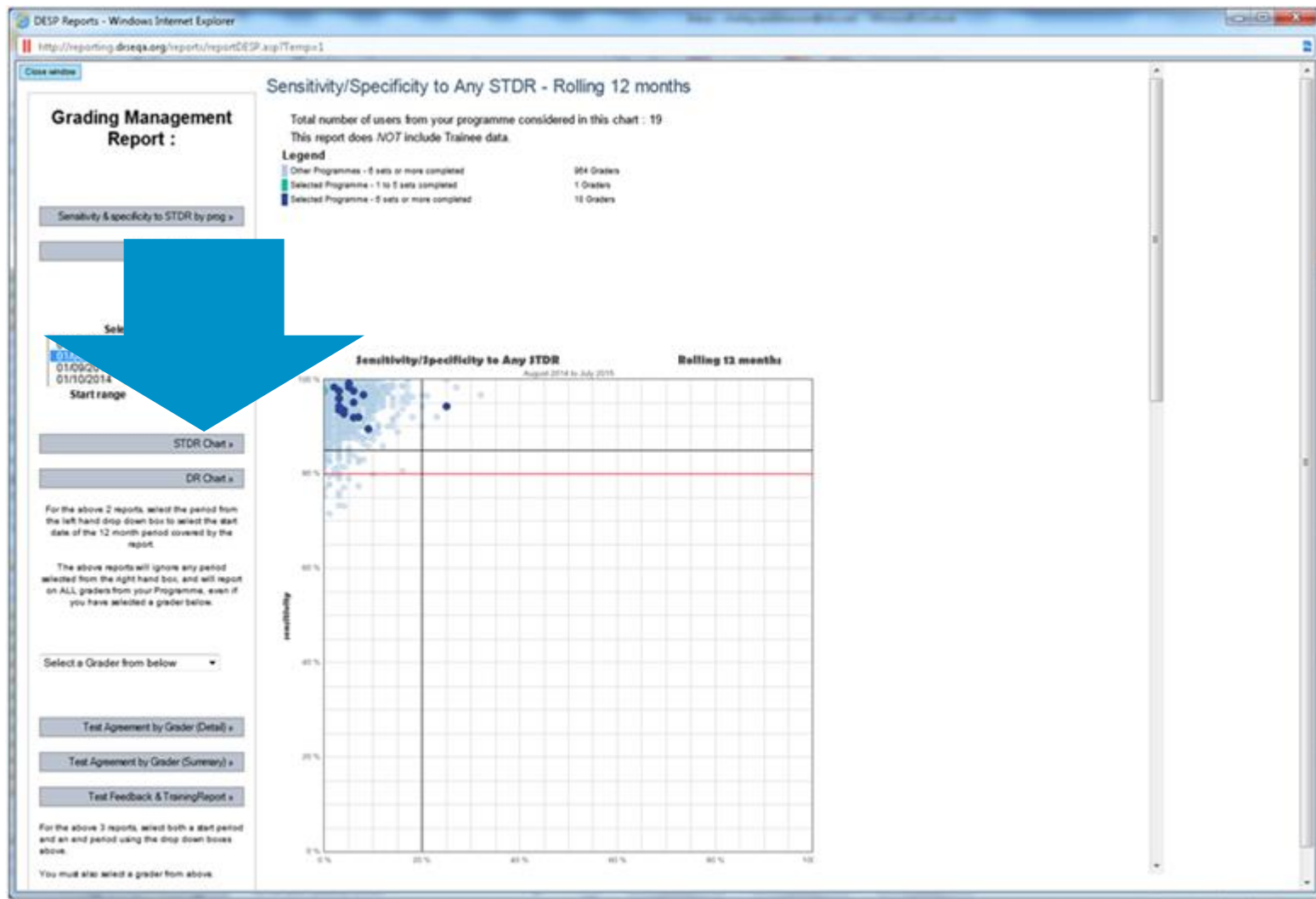


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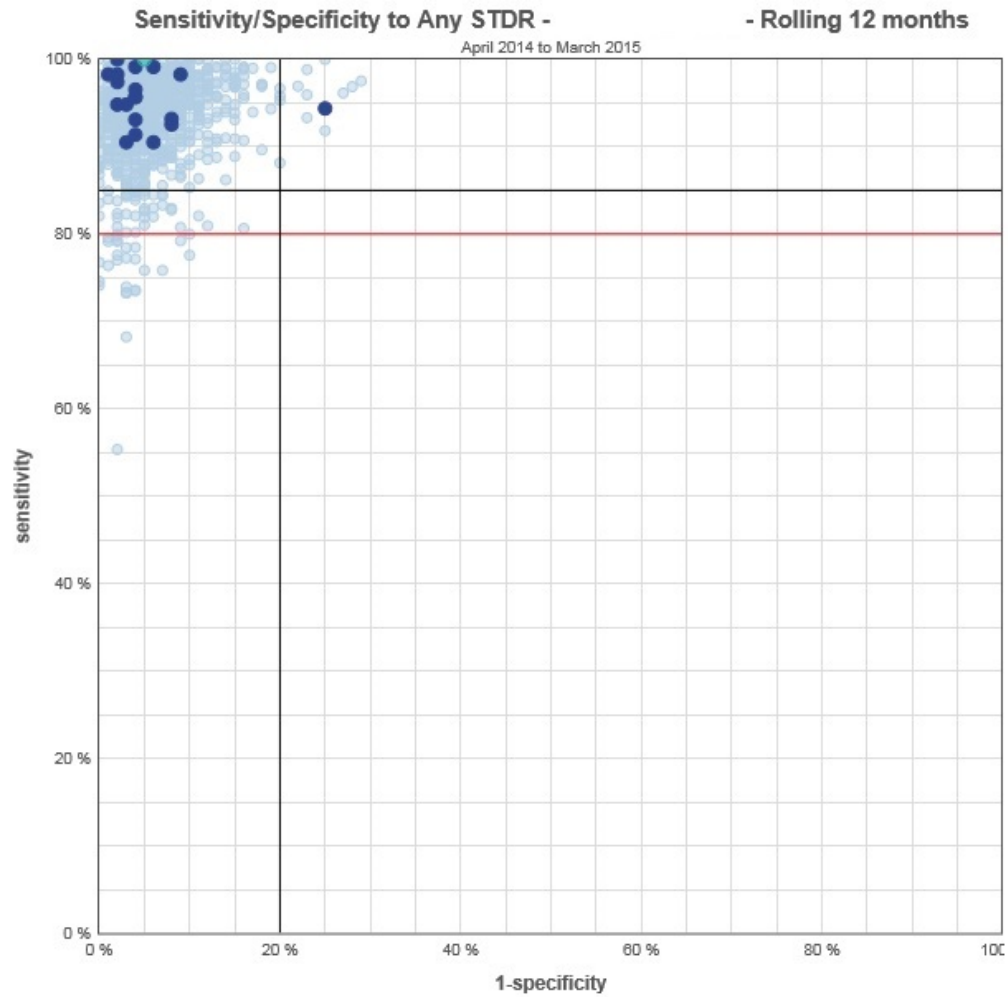
Scatter plots

- Another method to display the performance of the graders in the TAT is with the use of a scatter plot.
- Clicking on 'STDR chart' will produce a scatter plot
- Select a date range (in that you are interested in)
- Minimum of 12 months to ensure data is accurate
- Produces a graph/scatter plot

Scatter plots



Scatter plots



The full report interpretation guidance can be found in Appendix 1 of the management of grading quality document on the GOV.UK website (www.gov.uk/topic/population-screening-programmes/diabetic-eye).