

Form 33: Detailed Grading of Fundus Photographs

Purpose: Used by the Central Ophthalmologic Reading Unit (CORU) to provide detailed reports of retinopathic lesions detected in seven-field stereo fundus photographs.

Collection Schedule: Eligibility screening, every other quarterly visit, and close-out.

Data Set Name: F033New

Structure: One record per eye per examination.

Size: 38534 observations of 304 variables.

Known Anomalies: In a handful of cases, only one eye was photographed due to enucleation or other confounding factors. The CORU also occasionally required photographs of one or both eyes to be retaken, either because of technical deficiencies in the original set or to confirm clinically important events. Retakes are identified by increasing values of the correction code variable CORR.

Comments: In addition to variables indicating the presence of specific lesions in specific fields, each record contains summary codes for the overall level of retinopathy in that eye and in the patient (i.e., for both eyes combined) at that visit. Two sets of codes are provided, one using the interim DCCT grading scale and the other using the final scale published by the Early Treatment of Diabetic Retinopathy Study (ETDRS). Unless they have different correction codes, records for the two eyes at any single patient visit should contain identical patient grades. These summary grades were the principal analytic variables used in both interim monitoring and final analysis for publication.



FUNDUS PHOTOGRAPH DETAILED GRADING

PATIENT ID

VISIT UNSCHEDULED INDICATOR

EYE R L INITIALS

RAN 1 -

Date of Photographs

Date of Grading

Reading List GRADER

Entered ___/___/___ by ___ Verified ___/___/___ by ___

<p>87 FORM LEVEL SELECTED</p> <p>SHORT FORM S-1 Answers recorded for RH, CTMA, HMA, DRU, AN and Other Nondiabetic Lesions. All other lesions judged absent.</p> <p>MEDIUM FORM M-2 Answers recorded for RH, CTMA, HMA, DRU, HE, SE, IRMA, VLR, AN, AS, AVN, HERG, HEMC, HECR, Retinal Thickening, Macular Region (Cyst and Z), and Other Nondiabetic Ocular Lesions. All other lesions judged absent.</p> <p>FULL FORM F-3</p>	<p>88 X OTHER NONDIABETIC LESIONS</p> <p>Any definitely or questionably present? If no, indicate below. N-0 Y-2</p> <table border="0"> <tr><td>28 B - Asteroid Hyalosis</td><td>Q-1 Y-2</td></tr> <tr><td>29 C - Central Vein Occlusion</td><td>Q-1 Y-2</td></tr> <tr><td>30 D - Branch Vein Occlusion</td><td>Q-1 Y-2</td></tr> <tr><td>31 E - Central Artery Occlusion</td><td>Q-1 Y-2</td></tr> <tr><td>32 F - Branch Artery Occlusion</td><td>Q-1 Y-2</td></tr> <tr><td>33 G - Macular Degeneration</td><td>Q-1 Y-2</td></tr> <tr><td>34 H - Choriorretinal Scar</td><td>Q-1 Y-2</td></tr> <tr><td>36 I - Nevus</td><td>Q-1 Y-2</td></tr> <tr><td>37 J - Subretinal Fibrous Tissue</td><td>Q-1 Y-2</td></tr> <tr><td>38 K - Coloboma or Staphyloma</td><td>Q-1 Y-2</td></tr> <tr><td>35 L - Other</td><td>Q-1 Y-2</td></tr> </table>	28 B - Asteroid Hyalosis	Q-1 Y-2	29 C - Central Vein Occlusion	Q-1 Y-2	30 D - Branch Vein Occlusion	Q-1 Y-2	31 E - Central Artery Occlusion	Q-1 Y-2	32 F - Branch Artery Occlusion	Q-1 Y-2	33 G - Macular Degeneration	Q-1 Y-2	34 H - Choriorretinal Scar	Q-1 Y-2	36 I - Nevus	Q-1 Y-2	37 J - Subretinal Fibrous Tissue	Q-1 Y-2	38 K - Coloboma or Staphyloma	Q-1 Y-2	35 L - Other	Q-1 Y-2	<p>89 W FUNDUS REFLEX</p> <p>0 - no opacity 1 - Q. lens opacity or ctr. not involved 2 - lens opacity, center involved 3 - lens opacity, precludes photos 4 - vitreous opacity, precludes photos 5 - other changes 8 - photos absent or inadequate</p> <p>89 Y GLOBAL SCARS/OBSCURITIES</p> <p>0 - no evidence 2 - present 8 - all retina obscured</p> <p>If answer is 2, complete for all fields.</p>
28 B - Asteroid Hyalosis	Q-1 Y-2																							
29 C - Central Vein Occlusion	Q-1 Y-2																							
30 D - Branch Vein Occlusion	Q-1 Y-2																							
31 E - Central Artery Occlusion	Q-1 Y-2																							
32 F - Branch Artery Occlusion	Q-1 Y-2																							
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36 I - Nevus	Q-1 Y-2																							
37 J - Subretinal Fibrous Tissue	Q-1 Y-2																							
38 K - Coloboma or Staphyloma	Q-1 Y-2																							
35 L - Other	Q-1 Y-2																							

<p>FIELD 1 CHECK IF FIELD MISSING <input type="checkbox"/></p>		
<p>100 RH</p> <p>Retinal Hem. 0 - no evidence 0 1 - questionable 1 2 - 1 retinal hem. 2 3 - ≥ 2 retinal hem. 3 8 - can't grade 8</p>	<p>100 NVD</p> <p>New Vessels on Disc 0 - no evidence 0 1 - questionable 1 2 - < Std. Photo #10A 2 3 - < Std. Photo #10C 3 4 - ≥ Std. Photo #10C 4 8 - can't grade 8</p>	<p>100 NVE</p> <p>New Vessels Elsewhere 0 - no evidence 0 1 - questionable 1 2 - < 1/2 DA 2 3 - < Std. Photo #7 3 4 - ≥ Std. Photo #7 4 8 - can't grade 8</p>
<p>101 CTMA</p> <p>Count of Ma 0 - no evidence 0 Q - questionable number if ≤ 5 Ma <input type="text"/> Q 6 - > 5 Ma 6 8 - can't grade 8</p>	<p>101 DLTD</p> <p>Dilated Tips If NVD > 0, assess 0 - no evidence 0 1 - Q, or < 2x proximal 1 2 - ≥ 2x proximal 2 8 - can't grade 8</p>	<p>101 DLTE</p> <p>Dilated Tips If NVE > 0, assess 0 - no evidence 0 1 - Q, or < 2x proximal 1 2 - ≥ 2x proximal 2 8 - can't grade 8</p>
<p>104 SE</p> <p>Soft Exudate 0 - no evidence 0 1 - questionable 1 2 - < Std. Photo #8A 2 3 - < Std. Photo #5 3 4 - ≥ Std. Photo #5 4 8 - can't grade 8</p>	<p>104 FPD</p> <p>Fibrous Profl. on Disc 0 - no evidence 0 1 - questionable 1 2 - < Std. Photo #10B 2 3 - < 2 DA 3 4 - ≥ 2 DA 4 8 - can't grade 8</p>	<p>104 FPE</p> <p>Fibrous Profl. Elsewhere 0 - no evidence 0 1 - questionable 1 2 - < 1/2 DA 2 3 - < Std. Photo #11 3 4 - ≥ Std. Photo #11 4 8 - can't grade 8</p>
<p>105 PRH</p> <p>Previtreal Hemorrhage 0 - no evidence 0 1 - questionable 1 2 - < Std. Photo #9 or #13 2 3 - < 1/2 field 3 4 - ≥ 1/2 field 4 8 - can't grade 8</p>	<p>105 PPD</p> <p>Plane of Profl. on Disc If NVD > 0 or FPD > 0, assess 0 - no evidence 0 1 - Q, or < 1/4 DD 1 2 - < 1 DD 2 3 - < 2 DD 3 4 - ≥ 2 DD 4 8 - can't grade 8</p>	<p>105 PPE</p> <p>Plane of Profl. Elsewhere If NVE > 0 or FPE > 0, assess 0 - no evidence 0 1 - Q or < 1/4 DD 1 2 - < 1 DD 2 3 - < 2 DD 3 4 - ≥ 2 DD 4 8 - can't grade 8</p>
<p>120 VH</p> <p>Vitreous Hemorrhage 0 - no evidence 0 1 - questionable 1 2 - < 1 DA 2 3 - < 1/2 field 3 4 - ≥ 1/2 field 4 5 - obscures all 5 8 - can't grade 8</p>	<p>120 PS</p> <p>Papillary Swelling 0 - no evidence 0 1 - questionable 1 2 - Ex. A, B, C, D 2 3 - Ex. E, F 3 8 - can't grade 8</p>	<p>122 Scars (pic) % <input type="text"/> <input type="text"/></p> <p>123 Obscurities % <input type="text"/> <input type="text"/></p>

		FIELD 3	FIELD 4	FIELD 5	FIELD 6	FIELD 7		FIELD 8A	FIELD 8B
12	AN Arterio- Narrowing	0 - no evidence	0	0	0	0		0	0
	1 - questionable	1	1	1	1	1		1	1
	2 - < Std. Photo #11	2	2	2	2	2		2	2
	3 - < Std. Photo #7	3	3	3	3	3		3	3
	4 - ≥ Std. Photo #7	4	4	4	4	4		4	4
	8 - can't grade	8	8	8	8	8		8	8
13	AS Arterio- Sheathing	0 - no evidence	0	0	0	0		0	0
	1 - Q, or < 125u	1	1	1	1	1		1	1
	2 - < Std. Photo #5	2	2	2	2	2		2	2
	3 - < Std. Photo #7	3	3	3	3	3		3	3
	4 - ≥ Std. Photo #7	4	4	4	4	4		4	4
	8 - can't grade	8	8	8	8	8		8	8
14	AVN Arterio- venous Nicking	0 - no evidence	0	0	0	0		0	0
	1 - questionable	1	1	1	1	1		1	1
	2 - < Std. Photo #9	2	2	2	2	2		2	2
	3 - ≥ Std. Photo #9	3	3	3	3	3		3	3
	8 - can't grade	8	8	8	8	8		8	8
	PROLIFERATIVE LESIONS								
15	NVE New Vessels Elsewhere	0 - no evidence	0	0	0	0		0	0
	1 - questionable	1	1	1	1	1		1	1
	2 - < 1/2 DA	2	2	2	2	2		2	2
	3 - < Std. Photo #7	3	3	3	3	3		3	3
	4 - ≥ Std. Photo #7	4	4	4	4	4		4	4
	8 - can't grade	8	8	8	8	8		8	8
16	Dilated Type	# NVE > 0, assess							
	0 - no evidence	0	0	0	0	0		0	0
	1 - Q, or < 2x proximal	1	1	1	1	1		1	1
	2 - ≥ 2x proximal	2	2	2	2	2		2	2
	8 - can't grade	8	8	8	8	8		8	8
	17	FPE Fibrous Prolif. Elsewhere	0 - no evidence	0	0	0	0		0	0
1 - questionable		1	1	1	1	1		1	1
2 - < 1/2 DA		2	2	2	2	2		2	2
3 - < Std. Photo #11		3	3	3	3	3		3	3
4 - ≥ Std. Photo #11		4	4	4	4	4		4	4
8 - can't grade		8	8	8	8	8		8	8
18	PPE Plane of Prolif. Elsewhere	# NVE > 0 or FPE > 0, assess							
	0 - no evidence	0	0	0	0	0		0	0
	1 - Q, or < 1/4 DD	1	1	1	1	1		1	1
	2 - < 1 DD	2	2	2	2	2		2	2
	3 - < 2 DD	3	3	3	3	3		3	3
	4 - ≥ 2 DD	4	4	4	4	4		4	4
8 - can't grade	8	8	8	8	8		8	8	
19	REL Retinal Elevation	0 - no evidence	0	0	0	0		0	0
	1 - questionable	1	1	1	1	1		1	1
	2 - < 1 DA/vessel elevated	2	2	2	2	2		2	2
	3 - < Std. Photo #12	3	3	3	3	3		3	3
	4 - ≥ Std. Photo #12	4	4	4	4	4		4	4
	8 - can't grade	8	8	8	8	8		8	8
20	PRH Pre-retinal Hemorrhage	0 - no evidence	0	0	0	0		0	0
	1 - questionable	1	1	1	1	1		1	1
	2 - < Std. Photo #9 or #13	2	2	2	2	2		2	2
	3 - < 1/2 field	3	3	3	3	3		3	3
	4 - ≥ 1/2 field	4	4	4	4	4		4	4
	8 - can't grade	8	8	8	8	8		8	8
21	VH Vitreous Hemorrhage	0 - no evidence	0	0	0	0		0	0
	1 - questionable	1	1	1	1	1		1	1
	2 - < 1 DA	2	2	2	2	2		2	2
	3 - < 1/2 field	3	3	3	3	3		3	3
	4 - ≥ 1/2 field	4	4	4	4	4		4	4
	5 - obscures all	5	5	5	5	5		5	5
8 - can't grade	8	8	8	8	8		8	8	
22 Scars (pic) %		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>
23 Obscurties %		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>
SPM	0	0	0	0	0		0	0	
	1	1	1	1	1		1	1	
	2	2	2	2	2		2	2	
	3	3	3	3	3		3	3	
	4	4	4	4	4		4	4	
	8	8	8	8	8		8	8	

CHECK IF FIELD MISSING		FIELD 3 1 <input type="checkbox"/>	FIELD 4 1 <input type="checkbox"/>	FIELD 5 1 <input type="checkbox"/>	FIELD 6 1 <input type="checkbox"/>	FIELD 7 1 <input type="checkbox"/>		FIELD 8A 1 <input type="checkbox"/>	FIELD 8B 1 <input type="checkbox"/>
01	RH Retinal Hem. 0 - no evidence 1 - questionable 2 - 1 retinal hem. 3 - ≥ 2 retinal hem. 8 - can't grade	0 1 2 3 8	0 1 2 3 8	0 1 2 3 8	0 1 2 3 8	0 1 2 3 8		0 1 2 3 8	0 1 2 3 8
04	CTMA Count of Ms 0 - no evidence Q - questionable number if ≤ 5 Ma 6 - > 5 Ma 8 - can't grade	0 <input type="checkbox"/> Q 6 8	0 <input type="checkbox"/> Q 6 8	0 <input type="checkbox"/> Q 6 8	0 <input type="checkbox"/> Q 6 8	0 <input type="checkbox"/> Q 6 8		TMA Eye Total of Ms 0 - no evidence Q - questionable number if ≤ 20 Ma 21 - > 20 Ma 88 - can't grade	0 <input type="checkbox"/> Q 21 88
02	HMA Hemorrhage of Microvasculature 0 - no evidence 1 - questionable 2 - < Std. Photo #1 3 - < Std. Photo #2A 4 - < Std. Photo #2B 5 - ≥ Std. Photo #2B 8 - can't grade	0 1 2 3 4 5 8	0 1 2 3 4 5 8	0 1 2 3 4 5 8	0 1 2 3 4 5 8	0 1 2 3 4 5 8		0 1 2 3 4 5 8	0 1 2 3 4 5 8
03	DRU Drusen 0 - no evidence 1 - Q or < Std. Photo #1 2 - < Std. Photo #20 3 - < Std. Photo #21 4 - ≥ Std. Photo #21 8 - can't grade	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8		0 1 2 3 4 8	0 1 2 3 4 8
04	HE Hard Exudate 0 - no evidence 1 - questionable 2 - < Std. Photo #3 3 - < Std. Photo #5 4 - < Std. Photo #4 5 - ≥ Std. Photo #4 8 - can't grade	0 1 2 3 4 5 8	0 1 2 3 4 5 8	0 1 2 3 4 5 8	0 1 2 3 4 5 8	0 1 2 3 4 5 8		0 1 2 3 4 5 8	0 1 2 3 4 5 8
05	SE Soft Exudate 0 - no evidence 1 - questionable 2 - < Std. Photo #6A 3 - < Std. Photo #5 4 - ≥ Std. Photo #5 8 - can't grade	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8		0 1 2 3 4 8	0 1 2 3 4 8
11	IRMA 0 - no evidence 1 - questionable 2 - < Std. Photo #6A 3 - < Std. Photo #6B 4 - ≥ Std. Photo #6B 8 - can't grade	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8		0 1 2 3 4 8	0 1 2 3 4 8
06	VLR Venous Loop Redup. 0 - no evidence 1 - < 3/2 width and < 31u 2 - ≥ 3/2 width or ≥ 31u 3 - < 31u 4 - ≥ 31u 8 - can't grade	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8		0 1 2 3 4 8	0 1 2 3 4 8
06	VB Venous Beading 0 - no evidence 1 - questionable 2 - < Std. Photo #6A 3 - < Std. Photo #6B 4 - ≥ Std. Photo #6B 8 - can't grade	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8		0 1 2 3 4 8	0 1 2 3 4 8
07	VN Venous Narrowing 0 - no evidence 1 - Q, or < 125u 2 - < 1500u 3 - ≥ 1500u 4 - general 8 - can't grade	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8	0 1 2 3 4 8		0 1 2 3 4 8	0 1 2 3 4 8
08	VS Venous Sheathing 0 - no evidence 1 - Q, or < 125u 2 - < 1500u 3 - ≥ 1500u 8 - can't grade	0 1 2 3 8	0 1 2 3 8	0 1 2 3 8	0 1 2 3 8	0 1 2 3 8		0 1 2 3 8	0 1 2 3 8
10	PVEX Peri-venous Exudate 0 - no evidence 1 - Q, or < 1/8 DD 2 - ≥ 1/8 DD 8 - can't grade	0 1 2 8	0 1 2 8	0 1 2 8	0 1 2 8	0 1 2 8		0 1 2 8	0 1 2 8

FIELD 2
CHECK IF FIELD MISSING 1

201
RN
Retinal Hem.
0 - no evidence 0
1 - questionable 1
2 - 1 retinal hem. 2
3 - ≥ 2 retinal hem. 3
8 - can't grade 8

202
CTMA
Count of Ma
0 - no evidence 0
Q - questionable number if ≤ 5 Ma Q
8 - > 5 Ma 8
8 - can't grade 8

203
HMA
Hemorrhaged Micro-aneurysms
0 - no evidence 0
1 - questionable 1
2 - < Std. Photo #1 2
3 - < Std. Photo #2A 3
4 - < Std. Photo #2B 4
5 - ≥ Std. Photo #2B 5
8 - can't grade 8

204
DRU
Drusen
0 - no evidence 0
1 - Q or < Std. Photo #1 1
2 - < Std. Photo #20 2
3 - < Std. Photo #21 3
4 - ≥ Std. Photo #21 4
8 - can't grade 8

205
HE
Hard Exudate
0 - no evidence 0
1 - questionable 1
2 - < Std. Photo #3 2
3 - < Std. Photo #5 3
4 - < Std. Photo #4 4
5 - ≥ Std. Photo #4 5
8 - can't grade 8

206
HE > 1. assess
HEHG
0 - no evidence 0
1 - questionable 1
2 - < 10% 2
3 - < 50% 3
4 - < 80% 4
5 - ≥ 80% 5
8 - can't grade 8

207
HE > 0. assess
HEMC
0 - no evidence 0
1 - questionable 1
2 - < Std. Photo #3 2
3 - < Std. Photo #5 3
4 - < Std. Photo #4 4
5 - ≥ Std. Photo #4 5
8 - can't grade 8

208
HE < 1 DD from Center of Macula
HECR
0 - no evidence 0
1 - questionable 1
2 - present 2
8 - can't grade 8

209
SE
Soft Exudate
0 - no evidence 0
1 - questionable 1
2 - < Std. Photo #6A 2
3 - < Std. Photo #5 3
4 - ≥ Std. Photo #5 4
8 - can't grade 8

210
PMA
0 - no evidence 0
1 - questionable 1
2 - < Std. Photo #6A 2
3 - < Std. Photo #6B 3
4 - ≥ Std. Photo #6B 4
8 - can't grade 8

222
Scars (etc) %

223
Obscurities %

RETINAL THICKENING

224
FTBZ
All of Field Presence and Area
0 - no evidence 0
1 - questionable 1
2 - < 1/2 DA 2
3 - < 1 DA 3
4 - < 2 DA 4
5 - < 1/4 field 5
6 - < 1/2 field 6
7 - ≥ 1/2 field 7
8 - can't grade 8

225
FTSZ > 1. assess
FDTK
All of Field Max. Thickness
2 - < 1x reference 2
3 - < 2x reference 3
4 - < 1/2 DD 4
5 - ≥ 1/2 DD 5
7 - CG, poor stereo 7
8 - can't grade, other 8

226
FTSZ > 0. assess
MTBZ
All of Field Max. Thickness
0 - no evidence 0
1 - questionable 1
2 - < 1 DA 2
3 - < 1 DA 3
4 - < 2 DA 4
5 - ≥ 2 DA 5
8 - can't grade 8

227
FTSZ > 1. assess
MCTK
All of Field Max. Thickness
2 - < 1x reference 2
3 - < 2x reference 3
4 - < 1/2 DD 4
5 - ≥ 1/2 DD 5
7 - CG, poor stereo 7
8 - can't grade, other 8

228
FTSZ > 0. assess
CRTK
Center of Macula Max. Thickness
0 - no evidence 0
1 - questionable 1
2 - < 1x reference 2
3 - < 2x reference 3
4 - < 1/2 DD 4
5 - ≥ 1/2 DD 5
7 - CG, poor stereo 7
8 - can't grade 8

229
PVDT
Post. Vitreous Detachment
0 - no evidence 0
1 - questionable 1
2 - inferred, other lesions 2
3 - visible, thin 3
4 - visible, thick 4
8 - can't grade 8

219
REL
Retinal Elevation
0 - no evidence 0
1 - questionable 1
2 - < 1 DA/vessel elevated 2
3 - < Std. Photo #12 3
4 - ≥ Std. Photo #12 4
8 - can't grade 8

220
PRH
Previtreal Hemorrhage
0 - no evidence 0
1 - questionable 1
2 - < Std. Photo #8 or #13 2
3 - < 1/2 field 3
4 - ≥ 1/2 field 4
8 - can't grade 8

221
VH
Vitreous Hemorrhage
0 - no evidence 0
1 - questionable 1
2 - < 1 DA 2
3 - < 1/2 field 3
4 - ≥ 1/2 field 4
5 - obscures all 5
8 - can't grade 8

MACULAR REGION

232
FTSZ > 0. assess
CSME
0 - no evidence 0
1 - questionable 1
2 - ≥ 1 DA, part < 1 DD 2
3 - thickening/HE < 500 μ 3
8 - can't grade 8

233
FTSZ > 0. assess
231 CYST
0 N 1 Q 2 Y 8 CG

234
2. Are any macular lesions below > 0? 0 N 2 Y

90
If yes, complete all

Assess following within 1 DD of center of macula.

263 NV on retinal surface 0 N 1 Q 2 Y 8 CG

264 FP on retinal surface 0 N 1 Q 2 Y 8 CG

265 NV on det. post. hyaloid 0 N 1 Q 2 Y 8 CG

266 FP on det. post. hyaloid 0 N 1 Q 2 Y 8 CG

267 Pigment disturbance 0 N 1 Q 2 Y 8 CG

268 Tension lines 0 N 1 Q 2 Y 8 CG

269 Macular hole 0 N 1 Q 2 Y 8 CG

Assess following at center of macula

270 New vessels 0 N 1 Q 2 Y 8 CG

271 Fibrous proliferation 0 N 1 Q 2 Y 8 CG

272 Retinal detachment 0 N 1 Q 2 Y 8 CG

273 Ret. distortion-tension lines 0 N 1 Q 2 Y 8 CG

274 Dragged macula 0 N 1 Q 2 Y 8 CG

275 Retinal hemorrhage 0 N 1 Q 2 Y 8 CG

276 Preretinal hemorrhage 0 N 1 Q 2 Y 8 CG

277 Subretinal hemorrhage 0 N 1 Q 2 Y 8 CG

278 Exudate plaque, organized exudate, "fibrous scar" 0 N 1 Q 2 Y 8 CG

279 Deep white spot-choroid/RPE 0 N 1 Q 2 Y 8 CG

280 Obscured by VH 0 N 1 Q 2 Y 8 CG

SP1 0 N 1 Q 2 Y 8 CG

SP2 0 N 1 Q 2 Y 8 CG

SP3 0 N 1 Q 2 Y 8 CG

SP4A **SP4B**

SP5A **SP5B**

0 0
1 1
2 2
3 3
8 8

SP6A **SP6B**

0 0
1 1
2 2
3 3
4 4
8 8

SP7A **SP7B**

0 0
1 1
2 2
3 3
4 4
5 5
8 8

Labels for DCCT Variables - Fundus Photograph Detailed Grading 1

Fundus photograph detailed grading variables originally sent in DCCT monthly data sends
(Variables are listed in the order exported to the Coordinating Center)

Patient ID info		Coordinating Center will label and format?				
Accession number						
Eye						
Clinic						
Patient ID #						
Initials						
Visit						
Photograph date						
Abbreviation in Reading Center database dictionary (usually matches DCCT form 33.3)	Suggested labels for DCCT archival data set					
Miss1	Field 1 missing	Width	Format	Code Tables & Comments		
		1	C	. = Field present (item is empty when field is present) 1 = Field missing		
<i>Next 5 variables evaluate pathology on the optic nerve head, or optic disc.</i>						
NVD	New vessels on the disc	2	C	0 = No evidence 5 = Double graded: none and questionable 10 = Questionable 15 = Double graded: questionable and definite 20 = Definite, < Sid Photo #10A 25 = Double graded: < Sid #10A and ≥ Sid #10A 30 = < Sid Photo #10C 35 = Double graded: < Sid #10C and ≥ Sid #10C 40 = ≥ Sid Photo #10C 80 = Cannot grade		

DLTD	Dilated tips on the disc	2	C	<p>0 = No evidence</p> <p>5 = <i>Double graded</i>: none and questionable</p> <p>10 = Questionable, or < 2x diameter of NVD</p> <p>15 = <i>Double graded</i>: questionable and definite</p> <p>20 = Definite, $\geq 2x$ diameter of NVD</p> <p>80 = Cannot grade</p>
FDPD	Fibrous proliferation on the disc	2	C	<p>0 = No evidence</p> <p>5 = <i>Double graded</i>: none and questionable</p> <p>10 = Questionable</p> <p>15 = <i>Double graded</i>: questionable and definite</p> <p>20 = Definite, < Sid Photo #10B</p> <p>25 = <i>Double graded</i>: < Sid #10B and \geq Sid #10B</p> <p>30 = < 2 DA (disc areas)</p> <p>35 = <i>Double graded</i>: < 2 DA and ≥ 2 DA</p> <p>40 = ≥ 2 DA</p> <p>80 = Cannot grade</p>
PPD	Plane of proliferation on the disc	2	C	<p>0 = No evidence</p> <p>5 = <i>Double graded</i>: none and questionable</p> <p>10 = Questionable, or < 1/4 DD (disc diameter)</p> <p>15 = <i>Double graded</i>: questionable and $\geq 1/4$ DD</p> <p>20 = < 1 DD</p> <p>25 = <i>Double graded</i>: < 1 DD and ≥ 1 DD</p> <p>30 = < 2 DD</p> <p>35 = <i>Double graded</i>: < 2 DD and ≥ 2 DD</p> <p>40 = ≥ 2 DD</p> <p>80 = Cannot grade</p>
PS	Papillary swelling	2	C	<p>0 = No evidence</p> <p>5 = <i>Double graded</i>: none and questionable</p> <p>10 = Questionable</p> <p>15 = <i>Double graded</i>: questionable and definite</p> <p>20 = Definite, see Examples A, B, C, D</p> <p>25 = <i>Double graded</i>: definite and severe</p> <p>30 = Severe, see Examples E, F</p> <p>80 = Cannot grade</p>
Miss2	Field 2 missing	1	C	<p>. = Field present (no data = field present)</p> <p>1 = Field missing</p>

RH2	Retinal hemorrhages, number in Field 2	2	C	<p>0 = No evidence</p> <p>5 = <i>Double graded: none and questionable</i></p> <p>10 = Questionable</p> <p>15 = <i>Double graded: questionable and definite</i></p> <p>20 = Definite, 1 RH (retinal hemorrhage)</p> <p>25 = <i>Double graded: 1 RH and \geq 2 RH's</i></p> <p>30 = \geq 2 RH's</p> <p>80 = Cannot grade</p>
CTMA2	Microaneurysms, number in Field 2	2	C	<p>0 = No evidence</p> <p>3 = <i>Double graded: none and questionable</i></p> <p>5 = Questionable</p> <p>8 = <i>Double graded: questionable and definite</i></p> <p>10 = Definite, 1 MA (microaneurysm)</p> <p>15 = <i>Double graded: 1 MA and 2 MA's</i></p> <p>20 = 2 MA's</p> <p>25 = <i>Double graded: 2 MA's and 3 MA's</i></p> <p>30 = 3 MA's</p> <p>35 = <i>Double graded: 3 MA's and 4 MA's</i></p> <p>40 = 4 MA's</p> <p>45 = <i>Double graded: 4 MA's and 5 MA's</i></p> <p>50 = 5 MA's</p> <p>55 = <i>Double graded: 5 MA's and 6 MA's</i></p> <p>60 = 6 MA's</p> <p>80 = Cannot grade</p>
HMA2	Hemorrhage/microaneurysms, amt in Fld 2	2	C	<p>0 = No evidence</p> <p>5 = <i>Double graded: none and questionable</i></p> <p>10 = Questionable</p> <p>15 = <i>Double graded: questionable and definite</i></p> <p>20 = Definite, < Std Photo #1</p> <p>25 = <i>Double graded: < Std #1 and \geq Std #1</i></p> <p>30 = < Std Photo #2A</p> <p>35 = <i>Double graded: < Std #2A and \geq Std #2A</i></p> <p>40 = < Std Photo #2B</p> <p>45 = <i>Double graded: < Std #2B and \geq Std #2B</i></p> <p>50 = \geq Std Photo #2B</p> <p>80 = Cannot grade</p>

DRU2	Drusen in Field 2	2	C	<ul style="list-style-type: none"> 0 = No evidence 5 = <i>Double graded: none and questionable</i> 10 = <i>Questionable, or < Std Photo #1</i> 15 = <i>Double graded: questionable and ≥ Std #1</i> 20 = <i>< Std Photo #20</i> 25 = <i>Double graded: < Std #20 and ≥ Std #20</i> 30 = <i>< Std Photo #21</i> 35 = <i>Double graded: < Std #21 and ≥ Std #21</i> 40 = <i>≥ Std Photo #21</i> 80 = <i>Cannot grade</i>
HE2	Hard exudate in Field 2	2	C	<ul style="list-style-type: none"> 0 = No evidence 5 = <i>Double graded: none and questionable</i> 10 = <i>Questionable</i> 15 = <i>Double graded: questionable and definite</i> 20 = <i>Definite, < Std Photo #3</i> 25 = <i>Double graded: < Std #3 and ≥ Std #3</i> 30 = <i>< Std Photo #5</i> 35 = <i>Double graded: < Std #5 and ≥ Std #5</i> 40 = <i>< Std Photo #4</i> 45 = <i>Double graded: < Std #4 and ≥ Std #4</i> 50 = <i>≥ Std Photo #4</i> 80 = <i>Cannot grade</i>
HERG	Hard exudate in rings	2	C	<ul style="list-style-type: none"> 0 = No evidence 5 = <i>Double graded: none and questionable</i> 10 = <i>Questionable</i> 15 = <i>Double graded: questionable and definite</i> 20 = <i>Definite, < 10%</i> 25 = <i>Double graded: < 10% and ≥ 10%</i> 30 = <i>< 50%</i> 35 = <i>Double graded: < 50% and ≥ 50%</i> 40 = <i>< 90%</i> 45 = <i>Double graded: < 90% and ≥ 90%</i> 50 = <i>≥ 90%</i> 80 = <i>Cannot grade</i>



FUNDUS PHOTOGRAPH DETAILED GRADING

RAN 1 CCRAN 16
 1- [] [] [] [] []

2 CCEYE
 EYE [] R [] L 7

3 CLINIC 8-9

4 PATIENT

5 INITIALS
 15-17

6 CCVISIT 18-19

Date of Grading [] [] [] [] [] [] [] [] [] []

Reading List [] [] [] [] [] [] [] [] [] []

GRADER [] []

7 FORMDATE
 20-25

Graders Initials _____

FORM LEVEL SELECTED

SHORT FORM 8-1

Answers recorded for MA, CTMA, HMA, DRU, AN and Other Nondiabetic Lesions. All other lesions judged absent.

MEDIUM FORM M-2

Answers recorded for MA, CTMA, HMA, DRU, HE, SE, IRMA, VLR, AN, AS, AVN, HEMG, HEMC, HECR, Retinal Thickening, Macular Region (Cyst and Z), and Other Nondiabetic Ocular Lesions. All other lesions judged absent.

FULL FORM F-3

X OTHER NONDIABETIC LESIONS

Any definitely or questionably present? If so, indicate below. N-0 Y-2

- B - Asteroid Hyaloids 0-1 Y-2
- C - Central Vein Occlusion 0-1 Y-2
- D - Branch Vein Occlusion 0-1 Y-2
- E - Central Artery Occlusion 0-1 Y-2
- F - Branch Artery Occlusion 0-1 Y-2
- G - Macular Degeneration 0-1 Y-2
- H - Choriorretinal Scar 0-1 Y-2
- I - Nevus 0-1 Y-2
- J - Subretinal Fibrous Tissue 0-1 Y-2
- K - Coloboma or Staphyloma 0-1 Y-2
- L - Other 0-1 Y-2

W FUNDUS REFLEX

- 0 - no opacity 0
- 1 - Q. lens opacity or ctr. not involved 1
- 2 - lens opacity, center involved 2
- 3 - lens opacity, precludes photos 3
- 4 - vitreous opacity, precludes photos 4
- 5 - other changes 5
- 6 - photos absent or inadequate 6

Y GLOBAL SCARS/OBSCURITIES

- 0 - no evidence 0
 - 2 - present 2
 - 6 - all retina obscured 6
- If answer is 2, complete for all fields

FIELD 1

CHECK IF FIELD MISSING 1 [] 26.

MA
 Microhemorrhages

0 - no evidence	0
1 - questionable	1
2 - > 1 ret. hemorrhage	2
3 - 1 MA	3
4 - > 2 MA	4
5 - > 1 ret. hem. and > 1 MA	5
6 - can't grade	6

NVD
 New Vessels on Disc

0 - no evidence	0
1 - questionable	1
2 - < Std. Photo #10A	2
3 - < Std. Photo #10C	3
4 - > Std. Photo #10C	4
6 - can't grade	6

27-28

NVE
 New Vessels Elsewhere

0 - no evidence	0
1 - questionable	1
2 - < 1/2 DA	2
3 - < Std. Photo #7	3
4 - > Std. Photo #7	4
6 - can't grade	6

CTMA
 Cystic Mac

0 - no evidence	0
1 - questionable	1
2 - < Std. Photo #8A	2
3 - < Std. Photo #5	3
4 - > Std. Photo #5	4
6 - can't grade	6

BLTD
 Blurred Type

0 - no evidence	0
1 - Q. or < 2x proximal	1
2 - > 2x proximal	2
6 - can't grade	6

29-30

BLTE
 Blurred Type

0 - no evidence	0
1 - Q. or < 2x proximal	1
2 - > 2x proximal	2
6 - can't grade	6

SE
 Soft Exudate

0 - no evidence	0
1 - questionable	1
2 - < Std. Photo #8A	2
3 - < Std. Photo #5	3
4 - > Std. Photo #5	4
6 - can't grade	6

FPD
 Flame Preret. on Disc

0 - no evidence	0
1 - questionable	1
2 - < Std. Photo #10B	2
3 - < 2 DA	3
4 - > 2 DA	4
6 - can't grade	6

31-32

FPE
 Flame Preret. Elsewhere

0 - no evidence	0
1 - questionable	1
2 - < 1/2 DA	2
3 - < Std. Photo #11	3
4 - > Std. Photo #11	4
6 - can't grade	6

PRH
 Preretinal Hemorrhage

0 - no evidence	0
1 - questionable	1
2 - < Std. Photo #9 or #13	2
3 - < 1/2 field	3
4 - > 1/2 field	4
6 - can't grade	6

PPD
 Flame Preret. on Disc

0 - no evidence	0
1 - Q. or < 1M DD	1
2 - < 1 DD	2
3 - < 2 DD	3
4 - > 2 DD	4
6 - can't grade	6

33-34

PPZ
 Flame Preret. Elsewhere

0 - no evidence	0
1 - Q. or < 1M DD	1
2 - < 1 DD	2
3 - < 2 DD	3
4 - > 2 DD	4
6 - can't grade	6

WH
 Vitreous Hemorrhage

0 - no evidence	0
1 - questionable	1
2 - < 1 DA	2
3 - < 1/2 field	3
4 - > 1/2 field	4
5 - obscures all	5
6 - can't grade	6

PS
 Pupillary Sequestrum

0 - no evidence	0
1 - questionable	1
2 - Ex. A, B, C, D	2
3 - Ex. E, F	3
6 - can't grade	6

35-36

Score (alt) % [] []

Obscurities % [] []

PHE 2		1 <input type="checkbox"/> 37
CHECK FIELD MISSING		
MA	0 - no evidence 1 - questionable 2 - ≥ 1 ret. hemorrhage 3 - 1 Ma 4 - ≥ 2 Ma 5 - > 1 ret. hem. and ≥ 1 Ma 6 - can't grade	0 1 2 3 4 5 6
if Ma > 0, complete		
CTMA	0 - no evidence 1 - questionable 2 - number if < 5 Ma 3 - ≥ 5 Ma 4 - can't grade	0 1 2 3 4
if Ma > 1, assess		
NMA	0 - no evidence 1 - questionable 2 - < Std. Photo #1 3 - < Std. Photo #2A 4 - < Std. Photo #2B 5 - > Std. Photo #2B 6 - can't grade	0 1 2 3 4 5 6
if Ma > 2, assess		
BRU	0 - no evidence 1 - 0 or < Std. Photo #1 2 - < Std. Photo #20 3 - < Std. Photo #21 4 - > Std. Photo #21 5 - can't grade	0 1 2 3 4 5
if HE > 0, assess		
HE	0 - no evidence 1 - questionable 2 - < Std. Photo #3 3 - < Std. Photo #5 4 - < Std. Photo #4 5 - > Std. Photo #4 6 - can't grade	0 1 2 3 4 5 6
if HE > 1, assess		
HE in VMD	0 - no evidence 1 - questionable 2 - < 10% 3 - < 50% 4 - < 80% 5 - > 80% 6 - can't grade	0 1 2 3 4 5 6
if HE > 0, assess		
HEMC	0 - no evidence 1 - questionable 2 - < Std. Photo #3 3 - < Std. Photo #5 4 - < Std. Photo #4 5 - > Std. Photo #4 6 - can't grade	0 1 2 3 4 5 6
if HEMC > 0, assess		
HSCR	0 - no evidence 1 - questionable 2 - present 3 - can't grade	0 1 2 3
if HEMC > 0, assess		
SE	0 - no evidence 1 - questionable 2 - < Std. Photo #8A 3 - < Std. Photo #5 4 - > Std. Photo #5 5 - can't grade	0 1 2 3 4 5
if HEMC > 0, assess		
HMA	0 - no evidence 1 - questionable 2 - < Std. Photo #8A 3 - < Std. Photo #8B 4 - > Std. Photo #8B 5 - can't grade	0 1 2 3 4 5
if HEMC > 0, assess		
PRH %	<input type="checkbox"/>	<input type="checkbox"/>
Obscurities %		
<input type="checkbox"/>		

RETINAL THICKENING		
FRTZ	0 - no evidence 1 - questionable 2 - < 1/2 DA 3 - < 1 DA 4 - < 2 DA 5 - < 1/4 field 6 - < 1/2 field 7 - ≥ 1/2 field 8 - can't grade	0 1 2 3 4 5 6 7 8
All of Field Presence and Area		
62-63		
if FRTZ > 0, assess		
FDTK	2 - < 1x reference 3 - < 2x reference 4 - < 1/2 DD 5 - ≥ 1/2 DD 7 - CG, poor stereo 8 - can't grade, other	2 3 4 5 7 8
All of Field Max. Thickness		
64-65		
if FRTZ > 0, assess		
MTSZ	0 - no evidence 1 - questionable 2 - < 1/2 DA 3 - < 1 DA 4 - < 2 DA 5 - > 2 DA 6 - can't grade	0 1 2 3 4 5 6
< 1 DD from Center Presence and Area		
66-67		
if MTSZ > 0, assess		
BCTK	2 - < 1x reference 3 - < 2x reference 4 - < 1/2 DD 5 - ≥ 1/2 DD 7 - CG, poor stereo 8 - can't grade, other	2 3 4 5 7 8
< 1 DD from Center Max. Thickness		
68-69		
if MTSZ > 0, assess		
CRTK	0 - no evidence 1 - questionable 2 - < 1x reference 3 - < 2x reference 4 - < 1/2 DD 5 - ≥ 1/2 DD 7 - CG, poor stereo 8 - can't grade	0 1 2 3 4 5 7 8
Center of Macula Max. Thickness		
70-71		
if CRTK > 0, assess		
PYDT	0 - no evidence 1 - questionable 2 - inferred, other lesions 3 - visible, thin 4 - visible, thick 5 - can't grade	0 1 2 3 4 5
Post. Vitreous Detachment		
54-55		
if PYDT > 0, assess		
REL	0 - no evidence 1 - questionable 2 - < 1 DA/vessel elevated 3 - < Std. Photo #12 4 - > Std. Photo #12 5 - can't grade	0 1 2 3 4 5
Retinal Elevation		
56-57		
if REL > 0, assess		
PRH	0 - no evidence 1 - questionable 2 - < Std. Photo #8 or #3 3 - < 1/2 field 4 - > 1/2 field 5 - can't grade	0 1 2 3 4 5
Prevalent Hemorrhage		
58-59		
if PRH > 0, assess		
VH	0 - no evidence 1 - questionable 2 - < 1 DA 3 - < 1/2 field 4 - > 1/2 field 5 - obscure all 6 - can't grade	0 1 2 3 4 5 6
Vitreous Hemorrhage		
60-61		

MACULAR REGION		
if MTSZ > 0, assess		
CBME	0 - no evidence 1 - questionable 2 - ≥ 1 DA, part < 1 DD 3 - thickening/HE < 500 u 4 - can't grade	0 1 2 3 4
if MTSZ > 0, assess		
CVST	N-0 O-1 Y-2 CG-8	
2. Are any macular lesions below > 0?		
N-0 Y-2		
if yes, complete all		
Assess following within 1 DD of center of macula		
Proliferations		
NV on retinal surface	N-0 O-1 Y-2 CG-8	
FP on retinal surface	N-0 O-1 Y-2 CG-8	
NV on det. post. hyaloid	N-0 O-1 Y-2 CG-8	
FP on det. post. hyaloid	N-0 O-1 Y-2 CG-8	
Other lesions		
pigment disturbance	N-0 O-1 Y-2 CG-8	
tension lines	N-0 O-1 Y-2 CG-8	
macular hole	N-0 O-1 Y-2 CG-8	
Assess following at center of macula		
Proliferations		
new vessels	N-0 O-1 Y-2 CG-8	
fibrous proliferations	N-0 O-1 Y-2 CG-8	
Detachment/Distortion		
retinal detachment	N-0 O-1 Y-2 CG-8	
ret. distortion-tension lines	N-0 O-1 Y-2 CG-8	
dragged macula	N-0 O-1 Y-2 CG-8	
Hemorrhages		
retinal hemorrhage	N-0 O-1 Y-2 CG-8	
preretinal hemorrhage	N-0 O-1 Y-2 CG-8	
subretinal hemorrhage	N-0 O-1 Y-2 CG-8	
Plaques, Scar/Spot		
exudate plaque, organized	N-0 O-1 Y-2 CG-8	
exudate, "fibrous scar"	N-0 O-1 Y-2 CG-8	
deep white spot-choroid/RPE	N-0 O-1 Y-2 CG-8	
Vitreous Hemorrhage		
obscured by vitreous hemorrhage	N-0 O-1 Y-2 CG-8	
BP1 N-0 O-1 Y-2 CG-8		
BP2 N-0 O-1 Y-2 CG-8		
BP3 N-0 O-1 Y-2 CG-8		
SP4A <input type="checkbox"/> SP4B <input type="checkbox"/>		
SP5A <input type="checkbox"/> SP5B <input type="checkbox"/>		
0	0	
1	1	
2	2	
3	3	
4	4	
5	5	
SP6A <input type="checkbox"/> SP6B <input type="checkbox"/>		
0	0	
1	1	
2	2	
3	3	
4	4	
5	5	
SP7A <input type="checkbox"/> SP7B <input type="checkbox"/>		
0	0	
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	

CHECK IF FIELD MISSING		FIELD 3 1 <input type="checkbox"/>	FIELD 4 1 <input type="checkbox"/>	FIELD 5 1 <input type="checkbox"/>	FIELD 6 1 <input type="checkbox"/>	FIELD 7 1 <input type="checkbox"/>	FIELD 8B 1 <input type="checkbox"/>	FIELD 8A 1 <input type="checkbox"/>	
AN Anatomy Anatomy	0 - no evidence	0	0	0	0	0	0	0	
	1 - questionable	1	1	1	1	1	1	1	
	2 - < Std. Photo #11	2	2	2	2	2	2	2	
	3 - < Std. Photo #7	3	3	3	3	3	3	3	
	4 - > Std. Photo #7	4	4	4	4	4	4	4	
	5 - can't grade	5	5	5	5	5	5	5	
AS Anatomy Anatomy	0 - no evidence	0	0	0	0	0	0	0	
	1 - Q, or < 125u	1	1	1	1	1	1	1	
	2 - < Std. Photo #5	2	2	2	2	2	2	2	
	3 - < Std. Photo #7	3	3	3	3	3	3	3	
	4 - > Std. Photo #7	4	4	4	4	4	4	4	
	5 - can't grade	5	5	5	5	5	5	5	
AVN Anatomy Anatomy	0 - no evidence	0	0	0	0	0	0	0	
	1 - questionable	1	1	1	1	1	1	1	
	2 - < Std. Photo #9	2	2	2	2	2	2	2	
	3 - > Std. Photo #9	3	3	3	3	3	3	3	
	4 - can't grade	4	4	4	4	4	4	4	
	5 - can't grade	5	5	5	5	5	5	5	
PROLIFERATIVE LESIONS									
NVE Nerve Nerve	0 - no evidence	0	0	0	0	0	0	0	
	1 - questionable	1	1	1	1	1	1	1	
	2 - < 1/2 DA	2	2	2	2	2	2	2	
	3 - < Std. Photo #7	3	3	3	3	3	3	3	
	4 - > Std. Photo #7	4	4	4	4	4	4	4	
	5 - can't grade	5	5	5	5	5	5	5	
NVE > 0 or FPE > 0									
DLTE DLTE DLTE	0 - no evidence	0	0	0	0	0	0	0	
	1 - Q, or < 2x proximal	1	1	1	1	1	1	1	
	2 - > 2x proximal	2	2	2	2	2	2	2	
	3 - can't grade	3	3	3	3	3	3	3	
	4 - can't grade	4	4	4	4	4	4	4	
	5 - can't grade	5	5	5	5	5	5	5	
FPE FPE FPE	0 - no evidence	0	0	0	0	0	0	0	
	1 - questionable	1	1	1	1	1	1	1	
	2 - < 1/2 DA	2	2	2	2	2	2	2	
	3 - < Std. Photo #11	3	3	3	3	3	3	3	
	4 - > Std. Photo #11	4	4	4	4	4	4	4	
	5 - can't grade	5	5	5	5	5	5	5	
NVE > 0 or FPE > 0									
PE PE PE	0 - no evidence	0	0	0	0	0	0	0	
	1 - Q, or < 1/4 DO	1	1	1	1	1	1	1	
	2 - < 1 DO	2	2	2	2	2	2	2	
	3 - < 2 DO	3	3	3	3	3	3	3	
	4 - > 2 DO	4	4	4	4	4	4	4	
	5 - can't grade	5	5	5	5	5	5	5	
NEL NEL NEL	0 - no evidence	0	0	0	0	0	0	0	
	1 - questionable	1	1	1	1	1	1	1	
	2 - < 1 DA/vesical elevated	2	2	2	2	2	2	2	
	3 - < Std. Photo #12	3	3	3	3	3	3	3	
	4 - > Std. Photo #12	4	4	4	4	4	4	4	
	5 - can't grade	5	5	5	5	5	5	5	
NFI NFI NFI	0 - no evidence	0	0	0	0	0	0	0	
	1 - questionable	1	1	1	1	1	1	1	
	2 - < Std. Photo #8 or #9	2	2	2	2	2	2	2	
	3 - < 1/2 field	3	3	3	3	3	3	3	
	4 - > 1/2 field	4	4	4	4	4	4	4	
	5 - can't grade	5	5	5	5	5	5	5	
NI NI NI	0 - no evidence	0	0	0	0	0	0	0	
	1 - questionable	1	1	1	1	1	1	1	
	2 - < 1 DA	2	2	2	2	2	2	2	
	3 - < 1/2 field	3	3	3	3	3	3	3	
	4 - > 1/2 field	4	4	4	4	4	4	4	
	5 - obscures all	5	5	5	5	5	5	5	
6 - can't grade	6	6	6	6	6	6	6		
None (out) %		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Obscurities %		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	
		2	2	2	2	2	2	2	
		3	3	3	3	3	3	3	
		4	4	4	4	4	4	4	
		5	5	5	5	5	5	5	

MEMORANDUM

TO: Duke Owen

FROM: Karl Jensen

RE: Revision of Color Detail Grading Data

I've changed the format of the detail records so that the DATE PHOTO RECEIVED item is in positions 246-251 (inclusive) in the record, and the SUBMISSION TYPE (aka UNSCHEDULED VISIT INDICATOR) is in position 252. Previously these positions were filled with blanks. The date is in format mddy. The records continue to be 252 bytes long, and nothing else is changed. The next diskette you receive will reflect this change.

SEP 18 1987

Starting with AG100/87
2 SCND0331 10/2/87

REC'D COLO
~~(SUBMIT)~~
SUBMIS

9/20/85

DCCT DETAILED COLOR GRADING RECORD STRUCTURE

Position	Item
ID Information	
1-6	randomized accession number (not prefixed by literal '1')
7	eye indicator: 0 = RE and 1 = LE
8-9	clinical center
10-14	ID number
15-17	initials
18-19	visit
20-25	photograph date in format MMDDYY
Field 1	
26	marker for Field 1: code '1' indicates missing
27-28	new vessels on disc
29-30	dilated tips of new vessels on disc
31	fibrous proliferation on disc
33-34	plane of proliferation on disc
35-36	papillary swelling
Field 2	
37	marker for Field 2: code '1' indicates missing
38-39	retinal hemorrhage
40-41	count of microaneurysms
42-43	hemorrhages/microaneurysms
44-45	drusen
46-47	hard exudates
48-49	hard exudate rings
50-51	soft exudate
52-53	intraretinal microvascular abnormalities
54	posterior vitreous detachment
56-57	retinal elevation

59 preretinal hemorrhage

51 vitreous hemorrhage

retinal thickening in field, presence and size

55 maximum thickness of thickened retina in field

57 retinal thickening in macular area (within one disc diameter of center of macula), presence and size

59 maximum thickness of thickened retina in macular area

71 thickening of retina at center of macula, presence and degree

73 hard exudates in macular area

75 cyst at or near center of macula

77 hard exudate at center of macula

following within one disc diameter of center of macula

79 new vessels on retinal surface

81 fibrous proliferation on retinal surface

83 new vessels on detached posterior hyaloid

85 fibrous proliferation on detached posterior hyaloid

pigmentary disturbance

89 tension lines

91 retinal hole

following at center of macula

93 new vessels

95 fibrous proliferation

97 retinal detachment

99 tension lines

101 "dragged" macula

103 retinal hemorrhage

105 preretinal hemorrhage

107 subretinal hemorrhage

109 exudate plaque, "fibrous scar"

deep pale dot

113 vitreous hemorrhage

114-115 clinically significant macular edema

Multi-Field Lesions

22 markers for fields 2-7, BA, BB respectively:
code '1' indicates missing

retinal hemorrhage

123-124 maximum for eye

125 number of fields with maximum

126 number of fields ungradable

hemorrhages/microaneurysms

127-128 maximum for eye

129 number of fields with maximum

130 number of fields ungradable

drusen

131-132 maximum for eye

133 number of fields with maximum

number of fields ungradable

hard exudate

135-136 maximum for eye

137 number of fields with maximum

138 number of fields ungradable

soft exudate

139-140 maximum for eye

141 number of fields with maximum

142 number of fields ungradable

venous beading

143-144 maximum for eye

145 number of fields with maximum

146 number of fields ungradable

venous narrowing

148 maximum for eye

149 number of fields with maximum

0 number of fields ungradable

venous loops/reduplication

2 maximum for eye

3 number of fields with maximum

4 number of fields ungradable

venous sheathing

5-156 maximum for eye

7 number of fields with maximum

8 number of fields ungradable

perivenous exudate

9-160 maximum for eye

1 number of fields with maximum

2 number of fields ungradable

intraretinal microvascular abnormalities

3-164 maximum for eye

number of fields with maximum

6 number of fields ungradable

arteriolar narrowing

7-168 maximum for eye

9 number of fields with maximum

0 number of fields ungradable

arteriolar sheathing

1-172 maximum for eye

3 number of fields with maximum

4 number of fields ungradable

arterio-venous nicking

5-176 maximum for eye

7 number of fields with maximum

number of fields ungradable

new vessels elsewhere than disc

9-180 maximum for eye
1 number of fields with maximum
number of fields ungradable
dilated tips of new vessels elsewhere

3-184 maximum for eye
5 number of fields with maximum
6 number of fields ungradable
fibrous proliferation elsewhere than disc

17-188 maximum for eye
19 number of fields with maximum
20 number of fields ungradable
plane of proliferation elsewhere

21-192 maximum for eye
23 number of fields with maximum
24 number of fields ungradable
retinal elevation

95-196 maximum for eye
97 number of fields with maximum
98 number of fields ungradable
preretinal hemorrhage

99-200 maximum for eye
01 number of fields with maximum
02 number of fields ungradable
vitreous hemorrhage

03-204 maximum for eye
05 number of fields with maximum
06 number of fields ungradable

Scars of Photocoagulation Treatment/Obscurities Preventing Assessment of Scars

.08 Field 2 scars
09-210 Field 6 scars (chosen as representative of peripheral fields)

1-212 Field 2 obscurities

3-214 Field 6 obscurities

Count of Microaneurysms for Eye

1-217 total number

Refraction Code

code set to null for 1st iteration, '1' for 2nd, etc.

Primary Variables

"191" Classification

1-220 level for eye

source of level: 1 = single grading, derived by program
2 = double grading, derived by program
3 = level determined manually

1-223 patient category: 1 = 10=10, 12<12, 12=12, 14<14, 14=14,

15<15, 15=15

2 = 20<20

3 = 20=20

4 = 30<30

5 = 30=30

6 = 40<40

7 = 40=40

8 = 50<50

9 = 50=50

10 = 65<65

11 = 65=65

12 = 70<70

13 = 70=70

88 = 80<80, 80=80

1-225 sum of eye variables (used to spot "bogus" progression)

DCCT Classification

1-227 eye level

source of level: codes same as those for position 221

1-230 patient category: 1 = 10=10, 12<12, 12=12, 14<14, 14=14,

15<15, 15=15

2 = 20<20

3 = 20=20

4 = 30<30

5 = 30=30

6 = 40<40

7 = 40=40

8 = 45<45

9 = 45=45

10 = 50<50

11 = 50=50

12 = 55<55

13 = 55=55

14 = 60<60
 15 = 60=60
 16 = 65<65
 17 = 65=65
 18 = 70<70
 19 = 70=70
 20 = 75<75
 21 = 75=75
 22 = 80<80
 23 = 80=80
 24 = 85<85
 25 = 85=85
 99 = 90<90, 90=90

Non-Diabetic Ocular Lesions

3 asteroid hyalosis
 4 central vein occlusion
 5 branch vein occlusion
 6 central artery occlusion
 7 branch artery occlusion
 8 macular degeneration
 9 chorioretinal scar
 nevus
 1 subretinal fibrous tissue
 2 coloboma or staphyloma
 3 other

Fundus Photograph Quality

4-245 0 = excellent
 1 = good
 2 = fair
 4 = borderline, media, per CORU
 5 = borderline, media, per clinic
 6 = borderline, other, per clinic
 7 = borderline, unexplained
 8 = inadequate, media, per CORU
 9 = inadequate, media, per clinic
 10 = inadequate, other, per clinic
 11 = inadequate, other

6-251 date photos received at Reading Center (mddy)
 2 submission type
 0 -- original photos
 1 -- rereads
 2 -- retakes
 3 -- 2nd retakes
 4 -- (unassigned code value)
 5 -- pre-treatment HRC

6 -- pre-treatment edema

7 -- consultation I

8 -- consultation II

9 -- consultation III

CONTENTS PROCEDURE

Data Set Name: DCEXPORT.F033NEW
 Member Type: DATA
 Engine: V608
 Created: 15:42 Tuesday, December 12, 1995
 Last Modified: 18:14 Tuesday, December 12, 1995
 Protection:
 Data Set Type:
 Label:

-----Engine/Host Dependent Information-----

Data Set Page Size: 16384
 Number of Data Set Pages: 1678
 File Format: 607
 First Data Page: 3
 Max Obs per Page: 23
 Obs in First Data Page: 15
 Userid : ONITE1
 File : F033NEW DCEXPORT

-----Alphabetic List of Variables and Attributes-----

#	Variable	Type	Len	Pos	Format	Label
295	AN_MNUM	Char	5	635		Arteriolar narrowing, max. / no. fields
111	ANCG	Num	2	227		Art. narrowing: No. of fields ungradable
69	ANMAX	Num	2	143		Arteriolar narrowing: Interim maximum
90	ANNUM	Num	2	185		Arteriolar narrowing: No. of flds w/max.
177	AN3F	Num	2	366		Arteriolar narrowing, Field 3
201	AN4F	Num	2	414		Arteriolar narrowing, Field 4
225	AN5F	Num	2	462		Arteriolar narrowing, Field 5
249	AN6F	Num	2	510		Arteriolar narrowing, Field 6
271	AN7F	Num	2	554		Arteriolar narrowing, Field 7
296	AS_MNUM	Char	5	640		Arteriolar sheathing, max. / no. fields
112	ASCG	Num	2	229		Art. sheathing: No. of fields ungradable
70	ASMAX	Num	2	145		Arteriolar sheathing: Interim maximum
91	ASNUM	Num	2	187		Arteriolar sheathing: No. of flds w/max.
178	AS3F	Num	2	368		Arteriolar sheathing, Field 3
202	AS4F	Num	2	416		Arteriolar sheathing, Field 4
226	AS5F	Num	2	464		Arteriolar sheathing, Field 5
250	AS6F	Num	2	512		Arteriolar sheathing, Field 6
272	AS7F	Num	2	556		Arteriolar sheathing, Field 7
297	AVN_MNUM	Char	5	645		Arterio-venous nicking, max. / no. flds
113	AVNCG	Num	2	231		A-V nicking: No. of fields ungradable
71	AVNMAX	Num	2	147		Arterio-venous nicking: Interim maximum
92	AVNUM	Num	2	189		Arterio-venous nicking: No. flds w/max.
179	AVN3F	Num	2	370		Arterio-venous nicking, Field 3
203	AVN4F	Num	2	418		Arterio-venous nicking, Field 4
227	AVN5F	Num	2	466		Arterio-venous nicking, Field 5
251	AVN6F	Num	2	514		Arterio-venous nicking, Field 6
273	AVN7F	Num	2	558		Arterio-venous nicking, Field 7
125	CORR	Num	2	255		Correction code: . or 0 => original
28	CRTK	Num	2	61		Fld 2: retinal thickness @ ctr of macula
50	CSME	Num	2	105		Fld 2: Clinically signif. macular edema
165	CTMALF	Num	2	342		Microaneurysms, number in Field 1

CONTENTS PROCEDURE

#	Variable	Type	Len	Pos	Format	Label
13	CTMA2F	Num	2	31		Microaneurysms, number in field 2
189	CTMA3F	Num	2	390		Microaneurysms, number in field 3
213	CTMA4F	Num	2	438		Microaneurysms, number in field 4
237	CTMA5F	Num	2	486		Microaneurysms, number in field 5
259	CTMA6F	Num	2	530		Microaneurysms, number in field 6
283	CTMA7F	Num	2	578		Microaneurysms, number in field 7
30	CYST	Num	2	65		Field 2: Cyst at/near center of macula
131	DCCTPAT	Num	2	267		DCCR Interim scale: Patient level
129	DCCTRET	Num	2	263		DCCR Interim scale: Eye level
130	DCCTSRC	Num	2	265		DCCR Interim scale: Source of levels
146	DCCTSUDM	Num	2	297		DCCR Interim scale: Sum of eye variables
48	DEEP	Num	2	101		Field 2: Deep white spot @ macula center
7	DLTD	Num	2	19		Field 1: Dilated tips of new vessels, disc
115	DLETCG	Num	2	235		Dilated tips elsewhere: No. flds ungradable
73	DLETEMAX	Num	2	151		Dilated tips elsewhere: Interim maximum
299	DLETEMNOM	Char	5	655		Dilated tips elsewhere, max. / no. flds
94	DLETENDM	Num	2	193		Dilated tips elsw: No. of fields w/max.
158	DLETE1F	Num	2	328		Dilated tips elsewhere, field 1
181	DLETE3F	Num	2	374		Dilated tips elsewhere, field 3
205	DLETE4F	Num	2	422		Dilated tips elsewhere, field 4
229	DLETE5F	Num	2	470		Dilated tips elsewhere, field 5
253	DLETE6F	Num	2	518		Dilated tips elsewhere, field 6
275	DLETE7F	Num	2	562		Dilated tips elsewhere, field 7
43	DRAG	Num	2	91		Field 2: Dragged macula
286	DRU_NUMUM	Char	5	590		Drusen, maximum / number of fields
102	DRUCG	Num	2	209		Drusen: No. of fields ungradable
60	DRUMAX	Num	2	125		Drusen: Interim maximum score for eye
81	DRUNDM	Num	2	167		Drusen: No. of fields wth maximum
15	DRU2F	Num	2	35		Drusen, field 2
168	DRU3F	Num	2	348		Drusen, field 3
192	DRU4F	Num	2	396		Drusen, field 4
216	DRU5F	Num	2	444		Drusen, field 5
240	DRU6F	Num	2	492		Drusen, field 6
262	DRU7F	Num	2	536		Drusen, field 7
126	ETDRSEYE	Num	2	257		ETDRS final scale: Eye level
128	ETDRSPAT	Num	2	261		ETDRS final scale: Patient level
127	ETDRSSRC	Num	2	259		ETDRS final scale: Source of levels
47	EXSC	Num	2	99		Fld 2: Exudate plaque/fibrous scar, ctr
3	EYE	Num	2	11		Eye code: 0 = right, 1 = left
143	EYEQUAL	Num	2	291		Quality score for fundus photograph
25	FDTK	Num	2	55		Field 2: Maximum thickness of retina
1	FORM	Num	3	0		DCCR form number
40	PPCM	Num	2	85		DCCR form number
8	PPD	Num	2	21		Fld 2: Fibrous prolif'n, ctr of macula
300	FPE_NUMUM	Char	5	660		Field 1: Fibrous proliferation on disc
116	FPECG	Num	2	237		Fibrous proliferation, max. / no. fields
74	FPEMAX	Num	2	153		Fibrous prolif'n: No. of flds ungradable
95	FPENUM	Num	2	195		Fibrous proliferation: Interim maximum
159	FPE1F	Num	2	330		Fibrous prolif'n: No. of fields w/max.
182	FPE3F	Num	2	376		Fibrous proliferation elsewhere, field 1
206	FPE4F	Num	2	424		Fibrous proliferation, field 3
230	FPE5F	Num	2	472		Fibrous proliferation, field 4
254	FPE6F	Num	2	520		Fibrous proliferation, field 5
						Fibrous proliferation, field 6

CONTENTS PROCEDURE

#	Variable	Type	Len	Pos	Format	Label
276	FPE7F	Num	2	564		Fibrous proliferation, field 7
35	PPHY	Num	2	75		Fld 2: Fibr prolif detach hyaloid w/ 1DD
33	FPRS	Num	2	71		Fld 2: Fibr prolif ret'l surface w/1 1DD
151	FSASDATE	Num	3	307	MMDYY8.	Date of photographs (SAS date value)
24	FTSZ	Num	2	53		Fld 2: Size of area w/retinal thickening
153	FUNDREF1	Num	2	318		Fundus reflex opacities, grader 1
154	FUNDREF2	Num	2	320		Fundus reflex opacities, grader 2
287	HE MNUM	Char	5	595		Hard exudate, maximum / no. of fields
103	HECG	Num	2	211		Hard exudate: No. of fields ungradable
31	HECR	Num	2	67		Field 2: Hard exudate @ center of macula
29	HELE1	Num	2	63		Field 2: Hard exudate < 1 DD from macula
61	HENUM	Num	2	127		Hard exudate: Interim maximum for eye
82	HENUM	Num	2	169		Hard exudate: No. of fields w/ maximum
17	HERG	Num	2	39		Fld 2: Percent of hard exudate in rings
16	HE2F	Num	2	37		Hard exudate, field 2
169	HE3F	Num	2	350		Hard exudate, field 3
193	HE4F	Num	2	398		Hard exudate, field 4
217	HE5F	Num	2	446		Hard exudate, field 5
241	HE6F	Num	2	494		Hard exudate, field 6
263	HE7F	Num	2	538		Hard exudate, field 7
285	HMA MNUM	Char	5	585		Hem/microaneurysms, max. / no. of fields
101	HMACG	Num	2	207		Hemorrhage/MA: No. of fields ungradable
59	HMA MAX	Num	2	123		Hemorrhage/microaneurysms: Interim max.
80	HMANUM	Num	2	165		Hemorrhage/MA: No. of fields w/ maximum
14	HMA2F	Num	2	33		Hemorrhage/microaneurysms, amt in Fld 2
167	HMA3F	Num	2	346		Hemorrhage/microaneurysms, amt in Fld 3
191	HMA4F	Num	2	394		Hemorrhage/microaneurysms, amt in Fld 4
215	HMA5F	Num	2	442		Hemorrhage/microaneurysms, amt in Fld 5
239	HMA6F	Num	2	490		Hemorrhage/microaneurysms, amt in Fld 6
261	HMA7F	Num	2	534		Hemorrhage/microaneurysms, amt in Fld 7
38	HOLE	Num	2	81		Field 2: Macular hole w/1 1 DD of center
110	IRMACG	Num	2	225		IRMA: Number of fields ungradable
68	IRMA MAX	Num	2	141		Intraret. microvasc. abnorm: Interim max
294	IRMANUM	Char	5	630		Intraretinal microvasc abnorm, max/#flds
89	IRMA2F	Num	2	183		IRMA: Number of fields with maximum
19	IRMA3F	Num	2	43		Intraretinal microvascular abnorm, Fld 2
176	IRMA4F	Num	2	364		Intraretinal microvascular abnorm, Fld 3
200	IRMA5F	Num	2	412		Intraretinal microvascular abnorm, Fld 4
224	IRMA6F	Num	2	460		Intraretinal microvascular abnorm, Fld 5
248	IRMA7F	Num	2	508		Intraretinal microvascular abnorm, Fld 6
270	IRMA7F	Num	2	552		Intraretinal microvascular abnorm, Fld 7
132	LESIONB	Num	2	269		Non-diabetic lesion: Asteroid hyalosis
133	LESIONC	Num	2	271		Non-diab. lesion: Central vein occlusion
134	LESIOND	Num	2	273		Non-diab. lesion: Branch vein occlusion
135	LESIONE	Num	2	275		Non-diab.: Central arteriolar occlusion
136	LESIONF	Num	2	277		Non-diab.: Branch arteriolar occlusion
137	LESIONG	Num	2	279		Non-diabetic les'n: Macular degeneration
138	LESIONH	Num	2	281		Non-diabetic lesion: Choriorretinal scar
139	LESIONI	Num	2	283		Non-diabetic lesion: Nevus
140	LESIONJ	Num	2	285		Non-diabetic: Subretinal fibrous tissue
141	LESIONK	Num	2	287		Non-diab. lesion: Coloboma or staphyloma
142	LESIONL	Num	2	289		Non-diabetic lesion: Other
152	MASK_PAT	Num	8	310		Patient ID number

CONTENTS PROCEDURE

#	Variable	Type	Len	Pos	Format	Label
27	MCTR	Num	2	59		Flid 2: Max. ret'1 thickness w/1 2 DD ctr
5	MISS1	Num	2	15		Indicator: Field 1 missing (1 = yes)
11	MISS2	Num	2	27		Indicator: Field 2 missing (1 = yes)
51	MISS3	Num	2	107		Indicator: Field 3 missing (1 = yes)
52	MISS4	Num	2	109		Indicator: Field 4 missing (1 = yes)
53	MISS5	Num	2	111		Indicator: Field 5 missing (1 = yes)
54	MISS6	Num	2	113		Indicator: Field 6 missing (1 = yes)
55	MISS7	Num	2	115		Indicator: Field 7 missing (1 = yes)
56	MISS8	Num	2	117		Indicator: Field 8A missing (1 = yes)
57	MISS9	Num	2	119		Indicator: Field 8B missing (1 = yes)
26	MTS2	Num	2	57		Flid 2: Area of ret'1 thick'g w/1 2DD ctr
39	NVCM	Num	2	83		Field 2: New vessels at center of macula
6	NVD	Num	2	17		Field 1: New vessels on disc
298	NVE_MNUM	Char	5	650		New vessels elsewhere, max. / no. flds
114	NVECG	Num	2	233		New vessels elsewhere: No. flds ungradable
72	NVEMAX	Num	2	149		New vessels elsewhere: Interim maximum
93	NVENUM	Num	2	191		New vessels elsewhere: No. fields w/ max
157	NVE1F	Num	2	326		New vessels elsewhere, Field 1
180	NVE3F	Num	2	372		New vessels elsewhere, Field 3
204	NVE4F	Num	2	420		New vessels elsewhere, Field 4
228	NVE5F	Num	2	468		New vessels elsewhere, Field 5
252	NVE6F	Num	2	516		New vessels elsewhere, Field 6
274	NVE7F	Num	2	560		New vessels elsewhere, Field 7
34	NVHY	Num	2	73		Field 2: New vessels on detached hyaloid
32	NVRS	Num	2	69		Field 2: New vessels on retinal surface
164	OBSC1F	Num	2	340		Obscurities: percent of Field 1 obscured
123	OBSC2F	Num	2	251		Obscurities: percent of Field 2 obscured
188	OBSC3F	Num	2	388		Obscurities: percent of Field 3 obscured
212	OBSC4F	Num	2	436		Obscurities: percent of Field 4 obscured
236	OBSC5F	Num	2	484		Obscurities: percent of Field 5 obscured
124	OBSC6F	Num	2	253		Obscurities: percent of Field 6 obscured
282	OBSC7F	Num	2	576		Obscurities: percent of Field 7 obscured
149	ONOPAT	Num	2	303		191 classification: patient category
147	ONORET	Num	2	299		191 classification: level for eye
148	ONOSRC	Num	2	301		191 classification: source of eye level
150	ONOSUM	Num	2	305		191 classification: sum of eye variables
36	PIGM	Num	2	77		Field 2: Pigment abnormal w/in 1 DD ctr
9	PPD	Num	2	23		Field 1: Plane of proliferation on disc
301	PPE_MNUM	Char	5	665		Plane of proliferation, max / no. fields
117	PPECG	Num	2	239		Plane of prolifer'n else: No. flds ungradable
75	PPEMAX	Num	2	155		Plane of prolif elsewhere: Interim maximum
96	PPENUM	Num	2	197		Plane of prolif elsewhr: No. flds w/ max
160	PPE1F	Num	2	332		Plane of proliferation elsewhere, Flid 1
183	PPE3F	Num	2	378		Plane of proliferation, Field 3
207	PPE4F	Num	2	426		Plane of proliferation, Field 4
231	PPE5F	Num	2	474		Plane of proliferation, Field 5
255	PPE6F	Num	2	522		Plane of proliferation, Field 6
277	PPE7F	Num	2	566		Plane of proliferation, Field 7
303	PRH_MNUM	Char	5	675		Preretinal hemorrhage, max. / no. fields
45	PRHCG	Num	2	95		Flid 2: Preretinal hemorrhage @macula ctr
119	PRHMAX	Num	2	243		Preret'1 hemorrhage: No. flds ungradable
77	PRHNUM	Num	2	159		Preretinal hemorrhage: Interim maximum
98	PRHNUM	Num	2	201		Preretinal hemorrhage: No. of flds w/max

CONTENTS PROCEDURE

#	Variable	Type	Len	Pos	Format	Label
161	PRH1F	Num	2	334		Preretinal hemorrhage, Field 1
22	PRH2F	Num	2	49		Preretinal hemorrhage, Field 2
185	PRH3F	Num	2	382		Preretinal hemorrhage, Field 3
209	PRH4F	Num	2	430		Preretinal hemorrhage, Field 4
233	PRH5F	Num	2	478		Preretinal hemorrhage, Field 5
257	PRH6F	Num	2	526		Preretinal hemorrhage, Field 6
279	PRH7F	Num	2	570		Preretinal hemorrhage, Field 7
10	PS	Num	2	25		Field 1: Papillary swelling
20	PVDT	Num	2	45		Field 2: Posterior vitreous detachment
293	PVTR_MNUM	Char	5	625		Perivinous exudate, max. / no. of fields
109	PVECG	Num	2	223		Perivinous exudate: No. flds ungradable
67	PVEMAX	Num	2	139		Perivinous exudate: Interim maximum
88	PVENUM	Num	2	181		Perivinous exudate: No. of flds w / max.
175	PVE3F	Num	2	362		Perivinous exudate, Field 3
199	PVE4F	Num	2	410		Perivinous exudate, Field 4
223	PVE5F	Num	2	458		Perivinous exudate, Field 5
247	PVE6F	Num	2	506		Perivinous exudate, Field 6
269	PVE7F	Num	2	550		Perivinous exudate, Field 7
41	RDCM	Num	2	87		Fld 2: Retinal detachment, center macula
144	RECCORU	Num	2	293	MDDYY8.	Date photos received at Reading Center
302	REL_MNUM	Char	5	670		Retinal detachment, max. / no. of fields
118	RELGG	Num	2	241		Retinal detachment: No. flds ungradable
76	RELMAX	Num	2	157		Retinal detachment: Interim maximum
97	RELNUM	Num	2	199		Retinal detachment: No. of flds w / max.
21	REL2F	Num	2	47		Retinal detachment, Field 2
184	REL3F	Num	2	380		Retinal detachment, Field 3
208	REL4F	Num	2	428		Retinal detachment, Field 4
232	REL5F	Num	2	476		Retinal detachment, Field 5
256	REL6F	Num	2	524		Retinal detachment, Field 6
278	REL7F	Num	2	568		Retinal detachment, Field 7
284	RH_MNUM	Char	5	580		Retinal hemorrhage, max. / no. of fields
100	RHCG	Num	2	205		Retinal hemorrhage: No. flds ungradable
44	RHCM	Num	2	93		Fld 2: Retinal hemorrhage, ctr of macula
58	RHMAX	Num	2	121		Retinal hemorrhage: Interim maximum
79	RHNDM	Num	2	163		Retinal hemorrhage: No. of flds w / max.
155	RH1F	Num	2	322		Retinal hemorrhage, number in Field 1
12	RH2F	Num	2	29		Retinal hemorrhage, number in Field 2
166	RH3F	Num	2	344		Retinal hemorrhage, number in Field 3
190	RH4F	Num	2	392		Retinal hemorrhage, number in Field 4
214	RH5F	Num	2	440		Retinal hemorrhage, number in Field 5
238	RH6F	Num	2	488		Retinal hemorrhage, number in Field 6
260	RH7F	Num	2	532		Retinal hemorrhage, number in Field 7
163	SCAR1F	Num	2	338		Photocoagulation scars, pct of field 1
121	SCAR2F	Num	2	247		Photocoagulation scars, pct of field 2
187	SCAR3F	Num	2	386		Photocoagulation scars, pct of field 3
211	SCAR4F	Num	2	434		Photocoagulation scars, pct of field 4
235	SCAR5F	Num	2	482		Photocoagulation scars, pct of field 5
122	SCAR6F	Num	2	249		Photocoagulation scars, pct of field 6
281	SCAR7F	Num	2	574		Photocoagulation scars, % of field 7
288	SE_MNUM	Char	5	600		Soft exudate, maximum / no. of fields
104	SECG	Num	2	213		Soft exudate: No. of fields ungradable
62	SEMAX	Num	2	129		Soft exudate: Interim maximum for eye
83	SENUM	Num	2	171		Soft exudate: No. of fields w / maximum

CONTENTS PROCEDURE

#	Variable	Type	Len	Pos	Format	Label
156	SE1F	Num	2	324		Soft exudate, Field 1
18	SE2F	Num	2	41		Soft exudate, Field 2
170	SE3F	Num	2	352		Soft exudate, Field 3
194	SE4F	Num	2	400		Soft exudate, Field 4
218	SE5F	Num	2	448		Soft exudate, Field 5
242	SE6F	Num	2	496		Soft exudate, Field 6
264	SE7F	Num	2	540		Soft exudate, Field 7
145	SRHC	Num	2	97		Fl d 2: Subretinal hemorrhage ctr macula
42	SUBMIS	Num	2	295		Submission type
37	TLCM	Num	2	89		Fl d 2: Tension lines at center of macula
2	TOTMA	Num	2	79		Fl d 2: Tension lines w/in IDD ctr macula
289	VB_MNUM	Char	8	3		Microaneurysms: Total count
105	VBCG	Num	5	605		Venous beading, maximum / no. of fields
63	VBMAX	Num	2	215		Venous beading: No. of fields ungradable
84	VBNUM	Num	2	131		Venous beading: Interim maximum for eye
171	VB3F	Num	2	173		Venous beading: No. of fields w/ maximum
195	VB4F	Num	2	354		Venous beading, Field 3
219	VB5F	Num	2	402		Venous beading, Field 4
243	VB6F	Num	2	450		Venous beading, Field 5
265	VB7F	Num	2	498		Venous beading, Field 6
304	VH_MNUM	Char	2	542		Venous beading, Field 7
120	VHCG	Num	5	680		Vitreous hemorrhage, max. / no. fields
49	VHGM	Num	2	245		Vitreous hemorrhage: No. flds ungradable
78	VHMAX.	Num	2	103		Fl d 2: Vltr. hem. obscures ctr of macula
99	VHNUM	Num	2	161		Vitreous hemorrhage: Interim maximum
162	VH1F	Num	2	203		Vitreous hemorrhage: No. of fields w/max
23	VH2F	Num	2	336		Vitreous hemorrhage, field 1
186	VH3F	Num	2	51		Vitreous hemorrhage, field 2
210	VH4F	Num	2	384		Vitreous hemorrhage, field 3
234	VH5F	Num	2	432		Vitreous hemorrhage, field 4
258	VH6F	Num	2	480		Vitreous hemorrhage, field 5
280	VH7F	Num	2	528		Vitreous hemorrhage, field 6
4	VISIT	Num	2	572		Vitreous hemorrhage, field 7
291	VLR_MNUM	Char	2	13		Quarterly visit
107	VLRG	Char	5	615		Venous loop/rdup, max. / no. of fields
65	VLRMAX	Num	2	219		Venous loop/rdup'n: No. flds ungradable
86	VLRNUM	Num	2	135		Venous loop/rduplication: Interim max.
173	VLR3F	Num	2	177		Venous loop/rdup'n: No. of fields w/max
197	VLR4F	Num	2	358		Venous loop/rduplication, Field 3
221	VLR5F	Num	2	406		Venous loop/rduplication, Field 4
245	VLR6F	Num	2	454		Venous loop/rduplication, Field 5
267	VLR7F	Num	2	502		Venous loop/rduplication, Field 6
290	VN_MNUM	Char	2	546		Venous loop/rduplication, Field 7
106	VNCG	Char	5	610		Venous narrowing, max. / no. of fields
64	VNMAX	Num	2	217		Venous narrowing: No. of flds ungradable
85	VNNUM	Num	2	133		Venous narrowing: Interim maximum
172	VN3F	Num	2	175		Venous narrowing: No. of fields w / max.
196	VN4F	Num	2	356		Venous narrowing, Field 3
220	VN5F	Num	2	404		Venous narrowing, Field 4
244	VN6F	Num	2	452		Venous narrowing, Field 5
266	VN7F	Num	2	500		Venous narrowing, Field 6
292	VN_MNUM	Char	2	544		Venous narrowing, Field 7
			5	620		Venous sheathing, max. / no. of fields

CONTENTS PROCEDURE

#	Variable	Type	Len	Pos	Format	Label
108	VSCG	Num	2	221		Venous sheathing: No. of flds ungradable
66	VSMAX	Num	2	137		Venous sheathing: Interim maximum
87	VSNUM	Num	2	179		Venous sheathing: No. of fields w / max.
174	VS3F	Num	2	360		Venous sheathing, Field 3
198	VS4F	Num	2	408		Venous sheathing, Field 4
222	VS5F	Num	2	456		Venous sheathing, Field 5
246	VS6F	Num	2	504		Venous sheathing, Field 6
268	VS7F	Num	2	548		Venous sheathing, Field 7

-----Sort Information-----

Sortedby: MASK_PAT VISIT EYE CORR PSASDATE
 Validated: YES
 Character Set: EBCDIC

Includes both categorical and continuous variables

----- Baseline retinopathy stratum=Primary prevention Randomized treatment assignment=Conventional -----

Variable	Label	N	N Miss	Minimum	Mean	Std Dev	Maximum
FORM	DCCCT form number	9260	0	331.000	331.000	0.000	331.000
TOTMA	Microaneurysms: Total count	9260	0	0.000	1.571	4.026	21.000
EYE	Eye code: 0 = right, 1 = left	9260	0	0.000	0.500	0.500	1.000
VISIT	Quarterly visit	9260	0	0.000	11.817	8.642	38.000
MISS1	Indicator: Field 1 missing (1 = yes)	6	9254	1.000	1.000	0.000	1.000
NVD	Filed 1: New vessels on disc	9257	3	0.000	0.016	0.569	30.000
DLTD	Filed 1: Dilated tips of new vessels, disc	9255	5	0.000	0.001	0.052	5.000
FPD	Filed 1: Fibrous proliferation on disc	8	9252	1.000	1.750	0.463	2.000
PPD	Filed 1: Plane of proliferation on disc	9255	5	0.000	0.001	0.052	5.000
PS	Filed 1: Papillary swelling	9255	5	0.000	0.062	1.038	30.000
MISS2	Indicator: Field 2 missing (1 = yes)	2	9258	1.000	1.000	0.000	1.000
RH2F	Retinal hemorrhage, number in Field 2	9258	2	0.000	0.766	4.127	30.000
CTWA2F	Microaneurysms, number in Field 2	9258	2	0.000	5.757	13.684	80.000
HMA2F	Hemorrhage/microaneurysms, amt in Field 2	9258	2	0.000	4.927	8.584	80.000
DRU2F	Drusen, Field 2	9258	2	0.000	6.834	4.529	30.000
HE2F	Hard exudate, field 2	9258	2	0.000	0.244	2.270	40.000
HE2F	Filed 2: Percent of hard exudate in rings	9259	1	0.000	0.077	1.819	50.000
HE2F	Soft exudate, Field 2	9258	2	0.000	0.326	2.575	80.000
SE2F	Intraretinal microvascular abnorm, fld 2	9258	2	0.000	0.153	1.815	80.000
IRWA2F	Intraretinal vitreous detachment	9258	1	0.000	0.000	0.000	0.000
PVDT	Retinal detachment, Field 2	9258	2	0.000	0.000	0.000	0.000
REH2F	Preretinal hemorrhage, Field 2	9258	2	0.000	0.000	0.000	0.000
PRH2F	Vitreous hemorrhage, field 2	9258	2	0.000	0.000	0.000	0.000
VH2F	Vitreous hemorrhage, field 2	9258	2	0.000	0.000	0.000	0.000
FTSZ	Filed 2: Size of area w/retinal thickening	9259	1	0.000	0.075	0.208	20.000
FTSZ	Filed 2: Maximum thickness of retina	9259	1	20.000	20.033	1.755	80.000
FTSZ	Filed 2: Area of ret'l thick'g w/i 2DD ctr	9259	1	0.000	0.067	1.716	80.000
MCTK	Filed 2: Max. ret'l thickness w/i 2 DD ctr	9259	1	20.000	20.031	1.125	80.000
CRTK	Filed 2: retinal thickness @ ctr of macula	9259	1	0.000	0.035	1.514	80.000
HELE1	Filed 2: Hard exudate < 1 DD from macula	9259	1	0.000	0.140	1.700	30.000
HELE1	Filed 2: Cyst at/near center of macula	9259	1	0.000	0.002	0.116	10.000
CYST	Filed 2: Hard exudate @ center of macula	9259	1	0.000	0.000	0.000	0.000
HECR	Filed 2: New vessels @ center of macula	9259	1	0.000	0.001	0.052	5.000
NVRS	Filed 2: New vessels on retinal surface	9259	1	0.000	0.001	0.052	5.000
NVRS	Filed 2: Fibr prolif ret'l surface w/i 1DD	9259	1	0.000	0.000	0.000	0.000
NPVS	Filed 2: New vessels on detached hyaloid	9259	1	0.000	0.000	0.000	0.000
NVHY	Filed 2: New vessels on detached hyaloid	9259	1	0.000	0.000	0.000	0.000
NPHY	Filed 2: Fibr prolif detach hyaloid w/ 1DD	9259	1	0.000	0.000	0.000	0.000
PIGM	Filed 2: Pigment abnormal w/in 1 DD ctr	9259	1	0.000	0.183	1.810	20.000
TNIN	Filed 2: Tension lines w/in 1DD ctr macula	9259	1	0.000	0.005	0.312	20.000
HOLE	Filed 2: Macular hole w/i 1 DD of center	9259	1	0.000	0.000	0.000	0.000
HOLE	Filed 2: New vessels at center of macula	9259	1	0.000	0.000	0.000	0.000
NVCM	Filed 2: Fibrous prolif'n, ctr of macula	9259	1	0.000	0.000	0.000	0.000
FPDM	Filed 2: Retinal detachment, center macula	9259	1	0.000	0.000	0.000	0.000
RDCM	Filed 2: Tension lines at center of macula	9259	1	0.000	0.004	0.294	20.000
TLCM	Filed 2: Dragg'd macula	9259	1	0.000	0.000	0.000	0.000
DRAG	Filed 2: Retinal hemorrhage, ctr of macula	9259	1	0.000	0.002	0.116	10.000
RHCM	Filed 2: Preretinal hemorrhage @macula ctr	9259	1	0.000	0.000	0.000	0.000
PRHC	Filed 2: Subretinal hemorrhage ctr macula	9259	1	0.000	0.000	0.000	0.000
SRHC	Filed 2: Exudate plaque/fibrous scar, ctr	9259	1	0.000	0.000	0.000	0.000
EXSP	Filed 2: Deep white spot @ macula center	9259	1	0.000	0.002	0.208	20.000
DEEP	Filed 2: Vitr. hem. obscures ctr of macula	9259	1	0.000	0.000	0.000	0.000
VHCM							

Includes both categorical and continuous variables

Variable	Label	N	Nmiss	Minimum	Mean	Std Dev	Maximum
CSME	Flid 2: Clinically signif. macular edema	9258	2	0.000	0.049	1.441	80.000
MISS3	Indicator: Field 3 missing (1 = Yes)	24	9236	1.000	1.000	0.000	1.000
MISS4	Indicator: Field 4 missing (1 = Yes)	10	9250	1.000	1.000	0.000	1.000
MISS5	Indicator: Field 5 missing (1 = Yes)	14	9246	1.000	1.000	0.000	1.000
MISS6	Indicator: Field 6 missing (1 = Yes)	10	9250	1.000	1.000	0.000	1.000
MISS7	Indicator: Field 7 missing (1 = Yes)	17	9243	1.000	1.000	0.000	1.000
MISS8	Indicator: Field 8A missing (1 = Yes)	9260	0	1.000	1.000	0.000	1.000
MISS9	Indicator: Field 8B missing (1 = Yes)	9260	0	1.000	1.000	0.000	1.000
RHMAMX	Retinal hemorrhage: Interim maximum	9260	0	0.000	1.532	5.728	90.000
HMMAMX	Hemorrhage/microaneurysms: Interim max.	9260	0	0.000	6.941	9.436	40.000
DRUMAX	Drusen: Interim maximum score for eye	9260	0	0.000	8.800	3.633	30.000
HEWAMX	Hard exudate: Interim maximum for eye	9260	0	0.000	0.316	2.559	40.000
SEWAMX	Soft exudate: Interim maximum for eye	9260	0	0.000	0.570	3.325	90.000
VBMAMX	Venous beading: Interim maximum for eye	9260	0	0.000	0.003	0.172	15.000
VNMAMX	Venous narrowing: Interim maximum	9260	0	0.000	0.004	0.232	20.000
VLMAMX	Venous loop/reduplication: Interim max.	9260	0	0.000	0.236	1.652	30.000
VSMAMX	Venous sheathing: Interim maximum	9260	0	0.000	0.012	0.579	30.000
PVEMAMX	Perivenous exudate: Interim maximum	9260	0	0.000	0.000	0.000	0.000
IRMAMAMX	Intraret. microvasc. abnorm: Interim max	9260	0	0.000	0.296	2.303	35.000
ASMAX	Arteriolar narrowing: Interim maximum	9260	0	0.000	0.124	1.193	30.000
AVNMAX	Arteriolar sheathing: Interim maximum	9260	0	0.000	0.000	0.000	0.000
NVEMMAX	New vessels elsewhere: Interim maximum	9260	0	0.000	0.011	0.364	20.000
DLTEMAX	Dilated lips elsewhere: Interim maximum	9260	0	0.000	0.016	0.971	90.000
FPPEMAX	Fibrous proliferation: Interim maximum	9260	0	0.000	0.010	0.935	90.000
RELMAX	Plane of prolif elsewhere: Interim maximum	9260	0	0.000	0.010	0.937	90.000
PRHMAX	Retinal detachment: Interim maximum	9260	0	0.000	0.008	0.378	20.000
VHMAMX	Vitreous hemorrhage: Interim maximum	9260	0	0.000	0.014	0.980	90.000
RHMAMX	Retinal hemorrhage: No. of flds w / max.	497	8763	0.000	0.013	0.986	90.000
HMMAMX	Hemorrhage/MA: No. of fields w / maximum	2822	6438	1.000	1.280	0.609	4.000
DRUMAMX	Drusen: No. of fields with maximum	162	9098	1.000	1.873	1.075	4.000
HEWAMAMX	Hard exudate: No. of fields w / maximum	105	9155	1.000	1.278	0.623	4.000
SEWAMAMX	Soft exudate: No. of fields w / maximum	208	9052	1.000	1.343	0.477	2.000
VBMAMAMX	Venous beading: No. of fields w / maximum	0	9260	1.000	1.409	0.668	4.000
VNMAMAMX	Venous narrowing: No. of fields w / max.	1	9259	1.000	1.000	.	1.000
VLMAMAMX	Venous loop/redup'n: No. of fields w / max.	11	9249	1.000	1.273	0.467	2.000
VSMAMAMX	Venous sheathing: No. of fields w / max.	4	9256	1.000	1.250	0.500	2.000
PVEMAMAMX	Perivenous exudate: No. of flds w / max.	0	9260	1.000	1.384	0.696	4.000
IRMAMAMX	IRMA: Number of fields with maximum	99	9161	1.000	1.384	0.696	4.000
ASNAMAMX	Arteriolar narrowing: No. of flds w / max.	15	9245	1.000	1.400	0.507	2.000
AVNAMAMX	Arteriolar sheathing: No. of flds w / max.	0	9260	1.000	1.400	0.507	2.000
NVENAMAMX	New vessels elsewhere: No. fields w / max.	2	9258	1.000	1.000	0.000	1.000
DLTEAMAMX	Dilated lips elswhr: No. of fields w / max.	0	9260	.	.	.	.
FPPEAMAMX	Fibrous prolif'n: No. of fields w / max.	0	9260	.	.	.	.
RELAMAMX	Plane of prolif elsewhere: No. flds w / max	0	9260	.	.	.	.
PRHAMAMX	Retinal detachment: No. of flds w / max.	3	9257	1.000	1.333	0.577	2.000
VHAMAMAMX	Preretinal hemorrhage: No. of flds w / max	2	9258	1.000	1.000	0.000	1.000

Includes both categorical and continuous variables

Baseline retinopathy stratum=Primary prevention Randomized treatment assignment=Conventional

Variable	Label	N	Nmiss	Minimum	Mean	Std Dev	Maximum
VHNDM	Vitreous hemorrhage: No. of fields w/max	1	9259	2.000	2.000	0.108	2.000
RHCG	Retinal hemorrhage: No. flds ungradable	9260	0	0.000	0.009	0.108	4.000
HMACG	Hemorrhage/MA: No. of fields ungradable	9260	0	0.000	0.009	0.107	4.000
DRUCG	Drusen: No. of fields ungradable	9260	0	0.000	0.009	0.105	4.000
HECG	Hard exudate: No. of fields ungradable	9260	0	0.000	0.008	0.105	4.000
SECG	Soft exudate: No. of fields ungradable	9260	0	0.000	0.009	0.108	4.000
VBGC	Venous beading: No. of fields ungradable	9260	0	0.000	0.008	0.104	4.000
VNCG	Venous narrowing: No. of flds ungradable	9260	0	0.000	0.008	0.104	4.000
VLRGC	Venous loop/redupt'n: No. flds ungradable	9260	0	0.000	0.008	0.104	4.000
VSCG	Venous sheathing: No. of flds ungradable	9260	0	0.000	0.008	0.104	4.000
PVECG	Perivascular exudate: No. flds ungradable	9260	0	0.000	0.008	0.104	4.000
IRMACG	IRMA: Number of fields ungradable	9260	0	0.000	0.009	0.105	4.000
ANCG	Art. narrowing: No. of fields ungradable	9260	0	0.000	0.008	0.104	4.000
ASCG	Art. sheathing: No. of fields ungradable	9260	0	0.000	0.008	0.104	4.000
AVNCG	A-V nicking: No. of fields ungradable	9260	0	0.000	0.008	0.104	4.000
NVECG	New vessels elsewhere: No. flds ungradable	9260	0	0.000	0.009	0.107	4.000
DLTECG	Dilated tips elsewhere: No. flds ungradable	9260	0	0.000	0.009	0.107	4.000
FPECG	Fibrous prolifer'n: No. of flds ungradable	9260	0	0.000	0.009	0.107	4.000
PPEGC	Plane prolifer'n else: No. flds ungradable	9260	0	0.000	0.009	0.107	4.000
RETCG	Retinal detachment: No. flds ungradable	9260	0	0.000	0.008	0.105	4.000
PRHCG	Preretinal hemorrhage: No. flds ungradable	9260	0	0.000	0.009	0.108	4.000
VHCG	Vitreous hemorrhage: No. flds ungradable	9260	0	0.000	0.009	0.108	4.000
SCAR2F	Photocoagulation scars, pct of Field 2	9258	2	0.000	0.026	0.903	42.000
SCAR6F	Photocoagulation scars, pct of Field 6	9250	10	0.000	0.000	0.000	0.000
OBSC2F	Obscurities: percent of Field 2 obscured	9258	2	0.000	0.000	0.000	0.000
OBSC6F	Obscurities: percent of Field 6 obscured	9250	10	0.000	0.000	0.000	0.000
CORR	Correction code: . or 0 => original	9260	0	0.000	0.000	0.000	0.000
ETDRSEYE	ETDRS final scale: Eye level	9258	2	10.000	14.498	7.781	90.000
ETDRSSRC	ETDRS final scale: Source of levels	7823	1437	1.000	1.506	1.506	2.000
ETDRSPAT	ETDRS final scale: Patient level	9258	2	1.000	1.938	3.452	99.000
DCCTRET	DCCT interim scale: Eye level	9260	0	10.000	14.383	7.487	90.000
DCCTSRC	DCCT interim scale: Source of levels	9260	0	1.000	1.521	0.504	3.000
DCCTPAT	DCCT interim scale: Patient level	9260	0	1.000	2.000	3.524	99.000
LESTONB	Non-diabetic lesion: Ateroid hyalosis	8836	424	0.000	0.000	0.000	0.000
LESTONC	Non-diab. lesion: Central vein occlusion	8836	424	0.000	0.000	0.000	0.000
LESTOND	Non-diab. lesion: Branch vein occlusion	8836	424	0.000	0.000	0.000	0.000
LESTONE	Non-diab. lesion: Branch vein occlusion	8836	424	0.000	0.000	0.000	0.000
LESTONF	Non-diab. : Central arteriolar occlusion	8836	424	0.000	0.000	0.000	0.000
LESTONG	Non-diabetic les'n: Macular degeneration	8836	424	0.000	0.000	0.021	2.000
LESTONH	Non-diabetic lesion: Choriorretinal scar	8836	424	0.000	0.004	0.045	2.000
LESTONI	Non-diabetic lesion: Nevus	8836	424	0.000	0.004	0.086	2.000
LESTONJ	Non-diabetic: Subretinal fibrous tissue	8836	424	0.000	0.024	0.207	2.000
LESTONK	Non-diab. lesion: Coloboma or staphyloma	8836	424	0.000	0.000	0.000	0.000
LESTONL	Non-diabetic lesion: Other	8835	425	0.000	0.054	0.316	2.000
EYEBUOL	Quality score for fundus photograph	8828	432	0.000	2.210	2.250	11.000
RECCORU	Date photos received at Reading Center	7779	1481	9472.000	11056.179	582.447	12032.000
SUBMIS	Submission type	7779	1481	0.000	0.013	0.187	7.000
DCCTSUM	DCCT interim scale: Sum of eye variables	7425	1835	2.000	2.789	3.724	99.000
ONORET	191 classification: Level for eye	5809	3451	10.000	12.665	5.986	80.000

Includes both categorical and continuous variables

----- Baseline retinopathy stratum=Primary prevention Randomized treatment assignment=Conventional -----

Variable	Label	N	N Miss	Minimum	Mean	Std Dev	Maximum
ONOSRC	191 classification: source of eye level	5809	3451	1.000	1.938	0.241	2.000
ONOPAT	191 classification: patient category	5809	3451	1.000	1.708	4.066	88.000
ONOSUM	191 classification: sum of eye variables	5809	3451	2.000	2.682	4.000	88.000
FSASDATE	Date of photographs (SAS date value)	9260	0	8608.000	10886.751	827.532	12169.000
FUNDREF1	Fundus reflex opacities, grader 1	7665	1655	0.000	0.246	1.239	8.000
FUNDREF2	Fundus reflex opacities, grader 2	3832	5428	0.000	0.266	1.278	8.000
RH1P	Retinal hemorrhage, number in Field 1	9246	14	0.000	0.791	4.149	30.000
SELF	Soft exudate, Field 1	9246	14	0.000	0.293	2.307	30.000
NVE1P	New vessels elsewhere, Field 1	9246	14	0.000	0.001	0.052	5.000
DLTE1P	Dilated tips elsewhere, Field 1	9246	14	0.000	0.000	0.052	0.000
PPE1P	Fibrous proliferation elsewhere, Field 1	9246	14	0.000	0.000	0.000	0.000
PPE1P	Plane of proliferation elsewhere, Fld 1	9246	14	0.000	0.000	0.000	0.000
PRH1P	Preretinal hemorrhage, Field 1	9246	14	0.000	0.002	0.208	20.000
VH1P	Vitreous hemorrhage, Field 1	9246	14	0.000	0.002	0.208	20.000
SCAR1P	Photocoagulation scars, pct of Field 1	9246	14	0.000	0.002	0.068	5.000
OBS1P	Obscurities: percent of Field 1 obscured	9246	14	0.000	0.000	0.000	0.000
CTMA1P	Microaneurysms, number in Field 1	9246	14	0.000	3.896	11.026	60.000
RH3P	Retinal hemorrhage, number in Field 3	9228	32	0.000	0.521	3.408	30.000
HMA3P	Hemorrhage/microaneurysms, amt in Fld 3	9228	32	0.000	3.811	7.851	80.000
DRU3P	Drusen, Field 3	9228	32	0.000	7.309	4.337	30.000
HE3P	Hard exudate, Field 3	9228	32	0.000	0.210	2.119	40.000
SE3P	Soft exudate, Field 3	9228	32	0.000	0.131	1.567	25.000
VB3P	Venous beading, Field 3	9228	32	0.000	0.000	0.000	0.000
VN3P	Venous narrowing, Field 3	9228	32	0.000	0.001	0.052	5.000
VLR3P	Venous loop/reduplication, Field 3	9228	32	0.000	0.115	0.052	30.000
VS3P	Venous sheathing, Field 3	9228	32	0.000	0.008	1.171	30.000
PVE3P	Perivenous exudate, Field 3	9228	32	0.000	0.000	0.429	30.000
IRMA3P	Intraretinal microvascular abnorm, Fld 3	9228	32	0.000	0.125	0.000	0.000
ANI3P	Arteriolar narrowing, Field 3	9228	31	0.000	0.027	0.989	30.000
AS3P	Arteriolar sheathing, Field 3	9228	32	0.000	0.000	0.000	0.000
AVN3P	Arterio-venous nicking, Field 3	9228	32	0.000	0.001	0.052	5.000
NVE3P	New vessels elsewhere, Field 3	9228	32	0.000	0.002	0.165	15.000
DLTE3P	Dilated tips elsewhere, Field 3	9228	32	0.000	0.000	0.000	0.000
PPE3P	Fibrous proliferation, Field 3	9228	32	0.000	0.000	0.000	0.000
PPE3P	Plane of proliferation, Field 3	9228	32	0.000	0.000	0.000	0.000
REL3P	Retinal detachment, Field 3	9228	32	0.000	0.008	0.379	20.000
PRH3P	Preretinal hemorrhage, Field 3	9228	32	0.000	0.000	0.000	0.000
VH3P	Vitreous hemorrhage, Field 3	9228	32	0.000	0.002	0.208	20.000
SCAR3P	Photocoagulation scars, pct of Field 3	9228	32	0.000	0.000	0.000	0.000
OBS3P	Obscurities: percent of Field 3 obscured	9228	32	0.000	0.000	0.000	0.000
CTMA3P	Microaneurysms, number in Field 3	9228	32	0.000	4.559	12.531	80.000
RH4P	Retinal hemorrhage, number in Field 4	9242	18	0.000	0.520	3.390	30.000
HMA4P	Hemorrhage/microaneurysms, amt in Fld 4	9242	18	0.000	3.118	7.245	30.000
DRU4P	Drusen, Field 4	9242	18	0.000	5.905	4.538	30.000
HE4P	Hard exudate, Field 4	9242	18	0.000	0.105	1.466	30.000
SE4P	Soft exudate, Field 4	9242	18	0.000	0.217	2.015	30.000
VB4P	Venous beading, Field 4	9242	18	0.000	0.001	0.052	5.000
VN4P	Venous narrowing, Field 4	9242	18	0.000	0.001	0.052	5.000
VLR4P	Venous loop/reduplication, Field 4	9242	18	0.000	0.066	0.877	30.000

Includes both categorical and continuous variables

----- Baseline retinopathy stratum=Primary prevention Randomized treatment assignment=Conventional -----

Variable	Label	N	Miss	Minimum	Mean	Std Dev	Maximum
VS4F	Venous sheathing, Field 4	9242	18	0.000	0.000	0.000	0.000
PVE4F	Perivenous exudate, Field 4	9242	18	0.000	0.000	0.000	0.000
IRMA4F	Intraretinal microvascular abnorm, Fld 4	9242	18	0.000	0.110	1.391	30.000
AN4F	Arteriolar narrowing, Field 4	9242	18	0.000	0.035	0.701	30.000
AS4F	Arteriolar sheathing, Field 4	9242	18	0.000	0.000	0.000	0.000
AVN4F	Arterio-venous nicking, Field 4	9242	18	0.000	0.003	0.138	10.000
NVE4F	New vessels elsewhere, Field 4	9242	18	0.000	0.003	0.188	15.000
DLTE4F	Dilated tips elsewhere, Field 4	9242	18	0.000	0.000	0.000	0.000
FPE4F	Fibrous proliferation, Field 4	9242	18	0.000	0.000	0.000	0.000
PPE4F	Plane of proliferation, Field 4	9242	18	0.000	0.000	0.000	0.000
RELA4F	Retinal detachment, Field 4	9242	18	0.000	0.000	0.000	0.000
PRH4F	Preretinal hemorrhage, Field 4	9242	18	0.000	0.002	0.208	20.000
VH4F	Vitreous hemorrhage, Field 4	9242	18	0.000	0.010	0.375	20.000
SCAR4F	Photoocoagulation scars, pct of Field 4	9242	18	0.000	0.010	0.375	20.000
OBS4F	Obscurties: percent of Field 4 obscured	9242	18	0.000	0.000	0.000	0.000
CTMA4F	Microaneurysms, number in Field 4	9242	18	0.000	3.264	10.276	60.000
RHS4F	Retinal hemorrhage, number in Field 5	9238	22	0.000	0.409	3.072	80.000
HMA5F	Hemorrhage/microaneurysms, amt in Fld 5	9238	22	0.000	2.943	7.055	80.000
DRUS4F	Drusen, Field 5	9238	22	0.000	5.935	4.603	80.000
HE5F	Hard exudate, Field 5	9238	22	0.000	0.082	1.513	80.000
SE5F	Soft exudate, Field 5	9238	22	0.000	0.219	2.135	80.000
VBS4F	Venous beading, Field 5	9238	22	0.000	0.009	0.834	80.000
VNS4F	Venous narrowing, Field 5	9238	22	0.000	0.009	0.832	80.000
VLR5F	Venous loop/reduplication, Field 5	9238	22	0.000	0.079	1.200	80.000
VSS4F	Venous sheathing, Field 5	9238	22	0.000	0.010	0.836	80.000
PVE5F	Perivenous exudate, Field 5	9238	22	0.000	0.009	0.832	80.000
IRMA5F	Intraretinal microvascular abnorm, Fld 5	9238	22	0.000	0.088	1.482	80.000
ANS4F	Arteriolar narrowing, Field 5	9238	22	0.000	0.037	1.035	80.000
AS4F	Arteriolar sheathing, Field 5	9238	22	0.000	0.009	0.832	80.000
AVNS4F	Arterio-venous nicking, Field 5	9238	22	0.000	0.009	0.834	80.000
NVE5F	New vessels elsewhere, Field 5	9238	22	0.000	0.009	0.834	80.000
DLTE5F	Dilated tips elsewhere, Field 5	9238	22	0.000	0.009	0.832	80.000
FPE5F	Fibrous proliferation, Field 5	9238	22	0.000	0.009	0.834	80.000
PPE5F	Plane of proliferation, Field 5	9238	22	0.000	0.009	0.832	80.000
RELA5F	Retinal detachment, Field 5	9238	22	0.000	0.009	0.832	80.000
PRH5F	Preretinal hemorrhage, Field 5	9238	22	0.000	0.009	0.832	80.000
VH5F	Vitreous hemorrhage, Field 5	9238	22	0.000	0.012	0.889	80.000
SCAR5F	Photoocoagulation scars, pct of Field 5	9238	22	0.000	0.010	0.375	22.000
OBS5F	Obscurties: percent of Field 5 obscured	9238	22	0.000	0.000	0.000	0.000
CTMA5F	Microaneurysms, number in Field 5	9238	22	0.000	2.970	9.590	80.000
RH6F	Retinal hemorrhage, number in Field 6	9242	18	0.000	0.364	2.842	30.000
HMA6F	Hemorrhage/microaneurysms, amt in Fld 6	9242	18	0.000	2.332	6.402	80.000
DRUG6F	Drusen, Field 6	9242	18	0.000	5.469	4.526	80.000
HE6F	Hard exudate, Field 6	9242	18	0.000	0.038	0.838	30.000
SE6F	Soft exudate, Field 6	9242	18	0.000	0.134	1.587	35.000
VB6F	Venous beading, Field 6	9242	18	0.000	0.002	0.156	15.000
VN6F	Venous narrowing, Field 6	9242	18	0.000	0.002	0.208	20.000
VLR6F	Venous loop/reduplication, Field 6	9242	18	0.000	0.029	0.574	30.000
VS6F	Venous sheathing, Field 6	9242	18	0.000	0.003	0.312	30.000

Includes both categorical and continuous variables

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Variable	Label	N	Nmiss	Minimum	Mean	Std Dev	Maximum
PVE6F	Perivenous exudate, Field 6	9242	18	0.000	0.000	0.000	0.000
IRMA6F	Intraretinal microvascular abnorm, Fld 6	9242	18	0.000	0.062	1.016	20.000
AN6F	Arteriolar narrowing, Field 6	9242	18	0.000	0.032	0.585	20.000
AS6F	Arteriolar sheathing, Field 6	9242	18	0.000	0.000	0.000	0.000
AVN6F	Arterio-venous nicking, Field 6	9242	18	0.000	0.007	0.325	20.000
NVE6F	New vessels elsewhere, Field 6	9242	18	0.000	0.000	0.000	0.000
DLTE6F	Dilated tips elsewhere, Field 6	9242	18	0.000	0.000	0.000	0.000
FPE6F	Fibrous proliferation, Field 6	9242	18	0.000	0.000	0.000	0.000
PPE6F	Plane of proliferation, Field 6	9242	18	0.000	0.000	0.000	0.000
REL6F	Retinal detachment, Field 6	9242	18	0.000	0.000	0.208	20.000
PRH6F	Preretinal hemorrhage, Field 6	9242	18	0.000	0.002	0.000	0.000
VH6F	Vitreous hemorrhage, Field 6	9242	18	0.000	0.002	0.208	20.000
CTMA6F	Microaneurysms, number in Field 6	9242	18	0.000	2.305	8.441	80.000
RH7F	Retinal hemorrhage, number in Field 7	9235	25	0.000	0.388	2.996	80.000
HMA7F	Hemorrhage/microaneurysms, amt in Fld 7	9235	25	0.000	2.564	6.653	80.000
DRU7F	Drusen, Field 7	9235	25	0.000	5.370	4.469	30.000
HE7F	Hard exudate, Field 7	9235	25	0.000	0.038	0.823	20.000
SE7F	Soft exudate, Field 7	9235	25	0.000	0.118	1.412	30.000
VB7F	Venous beading, Field 7	9235	25	0.000	0.000	0.000	0.000
VN7F	Venous narrowing, Field 7	9235	25	0.000	0.001	0.052	5.000
VLR7F	Venous loop/reduplication, Field 7	9235	25	0.000	0.056	0.824	30.000
VS7F	Venous sheathing, Field 7	9235	25	0.000	0.006	0.441	30.000
PVE7F	Perivenous exudate, Field 7	9235	25	0.000	0.000	0.000	0.000
IRMA7F	Intraretinal microvascular abnorm, Fld 7	9235	25	0.000	0.088	1.217	20.000
AN7F	Arteriolar narrowing, Field 7	9235	25	0.000	0.049	0.712	30.000
AS7F	Arteriolar sheathing, Field 7	9235	25	0.000	0.000	0.000	0.000
AVN7F	Arterio-venous nicking, Field 7	9235	25	0.000	0.000	0.000	0.000
NVE7F	New vessels elsewhere, Field 7	9235	25	0.000	0.000	0.000	0.000
DLTE7F	Dilated tips elsewhere, Field 7	9235	25	0.000	0.000	0.000	0.000
FPE7F	Fibrous proliferation, Field 7	9235	25	0.000	0.000	0.000	0.000
PPE7F	Plane of proliferation, Field 7	9235	25	0.000	0.000	0.000	0.000
REL7F	Retinal detachment, Field 7	9235	25	0.000	0.000	0.000	0.000
PRH7F	Preretinal hemorrhage, Field 7	9235	25	0.000	0.000	0.000	0.000
VH7F	Vitreous hemorrhage, Field 7	9235	25	0.000	0.003	0.312	30.000
SCAR7F	Photocoagulation scars, % of Field 7	9235	25	0.000	0.029	1.009	40.000
OBSC7F	Obscurities: percent of Field 7 obscured	9235	25	0.000	0.000	0.000	0.000
CTMA7F	Microaneurysms, number in Field 7	9235	25	0.000	2.640	9.139	80.000

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Variable	Label	N	Nmiss	Minimum	Mean	Std Dev	Maximum
FORM	DCCT form number	8562	0	331.000	331.000	0.000	331.000
TOTMA	Microaneurysms: Total count	8562	0	0.000	0.830	3.111	88.000
EYE	Eye code: 0 = right, 1 = left	8562	0	0.000	0.500	0.500	1.000
VISIT	Quarterly visit	8562	0	0.000	11.895	8.731	38.000
MISSI	Indicator: Field 1 missing (1 = yes)	9	8553	1.000	1.000	0.000	1.000

Includes both categorical and continuous variables

Baseline retinopathy stratum=Primary prevention Randomized treatment assignment=Intensive

Variable	Label	N	N Miss	Minimum	Mean	Std Dev	Maximum
NVD	Filed 1: New vessels on disc	8556	6	0.000	0.027	0.754	30.000
DLTD	Filed 1: Dilated tips of new vessels, disc	8553	9	0.000	0.000	0.000	0.000
FPD	Filed 1: Fibrous proliferation on disc	3	8559	1.000	1.000	0.000	1.000
PPD	Filed 1: Plane of proliferation on disc	8553	9	0.000	0.002	0.121	10.000
PS	Filed 1: Papillary swelling	8553	9	0.000	0.058	0.938	20.000
MISS2	Indicator: Field 2 missing (1 = Yes)	5	8557	1.000	1.000	0.000	1.000
RH2F	Retinal hemorrhage, number in Field 2	8557	5	0.000	0.368	3.039	80.000
CTMA2F	Microaneurysms, number in field 2	8557	5	0.000	3.174	9.435	80.000
HMA2F	Hemorrhage/microaneurysms, amt in fld 2	8557	5	0.000	3.489	7.469	80.000
DRU2F	Drusen, Field 2	8557	5	0.000	6.920	4.676	80.000
HE2F	Hard exudate, field 2	8557	5	0.000	0.178	2.018	40.000
HERG	Filed 2: Percent of hard exudate in rings	8557	5	0.000	0.037	1.190	50.000
SE2F	Soft exudate, field 2	8557	5	0.000	0.130	1.518	20.000
IRMA2F	Intraretinal microvascular abnorm, fld 2	8557	5	0.000	0.117	1.577	40.000
PVD7	Filed 2: Posterior vitreous detachment	8557	5	0.000	0.027	0.752	25.000
REI2F	Retinal detachment, Field 2	8557	5	0.000	0.005	0.276	20.000
PRH2F	Preretinal hemorrhage, Field 2	8557	5	0.000	0.000	0.000	0.000
VH2F	Vitreous hemorrhage, field 2	8557	5	0.000	0.000	0.000	0.000
F7SZ	Filed 2: Size of area w/retinal thickening	8558	4	0.000	0.048	1.286	80.000
FDTK	Filed 2: Maximum thickness of retina	8558	4	20.000	20.019	0.731	80.000
M7SZ	Filed 2: Area of ret'l thick'g w/i 2DD ctr	8558	4	0.000	0.034	1.170	80.000
MCTK	Filed 2: Max. ret'l thickness w/i 2 DD ctr	8558	4	20.000	20.015	0.705	80.000
CR7K	Filed 2: retinal thickness @ ctr of macula	8558	4	0.000	0.022	1.038	80.000
HLE1	Filed 2: Hard exudate < 1 DD from macula	8557	5	0.000	0.094	1.464	35.000
CYST	Filed 2: Cyst at/near center of macula	8557	5	0.000	0.012	0.891	80.000
NECR	Filed 2: New vessels @ center of macula	8557	5	0.000	0.001	0.054	5.000
NVCR	Filed 2: New vessels on retinal surface	8558	4	0.000	0.000	0.000	0.000
PPRS	Filed 2: Fibr prolif ret'l surface w/i 1DD	8558	4	0.000	0.001	0.054	5.000
NVHY	Filed 2: New vessels on detached hyaloid	8558	4	0.000	0.000	0.000	0.000
PFHY	Filed 2: Fibr prolif detach hyaloid w/ 1DD	8558	4	0.000	0.000	0.000	0.000
PIGM	Filed 2: Pigment abnormal w/in 1 DD ctr	8558	4	0.000	0.204	1.923	20.000
TN1LN	Filed 2: Tension lines w/in 1DD ctr macula	8558	4	0.000	0.002	0.216	20.000
HOLE	Filed 2: Macular hole w/i 1 DD of center	8558	4	0.000	0.000	0.000	0.000
NVGM	Filed 2: New vessels at center of macula	8558	4	0.000	0.000	0.000	0.000
FPGM	Filed 2: Fibrous prolif'n, ctr of macula	8558	4	0.000	0.000	0.000	0.000
RDCM	Filed 2: Retinal detachment, center macula	8558	4	0.000	0.000	0.000	0.000
TRCM	Filed 2: Tension lines at center of macula	8558	4	0.000	0.000	0.216	20.000
DRAG	Filed 2: Dragged macula	8558	4	0.000	0.002	0.000	0.000
RHCM	Filed 2: Retinal hemorrhage, ctr of macula	8558	4	0.000	0.000	0.000	0.000
PRHC	Filed 2: Preretinal hemorrhage @macula ctr	8558	4	0.000	0.000	0.000	0.000
SRHC	Filed 2: Subretinal hemorrhage ctr macula	8558	4	0.000	0.000	0.000	0.000
EXSC	Filed 2: Exudate plaque/fibrous scar, ctr	8558	4	0.000	0.000	0.000	0.000
DEEP	Filed 2: Deep white spot @ macula center	8558	4	0.000	0.000	0.223	20.000
VHCM	Filed 2: Vitr. hem. obscures ctr of macula	8558	4	0.000	0.000	0.000	0.000
CSME	Filed 2: Clinically signif. macular edema	8558	4	0.000	0.034	1.190	80.000
MISS3	Indicator: Field 3 missing (1 = yes)	18	8544	1.000	1.000	0.000	1.000
MISS4	Indicator: Field 4 missing (1 = yes)	11	8551	1.000	1.000	0.000	1.000
MISS5	Indicator: Field 5 missing (1 = yes)	18	8544	1.000	1.000	0.000	1.000
MISS6	Indicator: Field 6 missing (1 = yes)	12	8550	1.000	1.000	0.000	1.000

Includes both categorical and continuous variables

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Variable	Label	N	N Miss	Minimum	Mean	Std Dev	Maximum
MISS7	Indicator: Field 7 missing (1 = yes)	24	8538	1.000	1.000	0.000	1.000
MISS8	Indicator: Field 8A missing (1 = yes)	8561	1	1.000	1.000	0.000	1.000
MISS9	Indicator: Field 8B missing (1 = yes)	8562	0	1.000	1.000	0.000	1.000
RHRMAX	Retinal hemorrhage: Interim maximum	8562	0	0.000	0.794	4.422	90.000
HMMAMAX	Hemorrhage/microaneurysms: Interim max.	8562	0	0.000	5.359	8.720	90.000
DRUMAX	Drusen: Interim maximum score for eye	8562	0	0.000	8.942	4.029	90.000
HEMAX	Hard exudate: Interim maximum for eye	8562	0	0.000	0.234	2.610	90.000
SEMAX	Soft exudate: Interim maximum for eye	8562	0	0.000	0.297	2.756	90.000
VBMAX	Venous beading: Interim maximum for eye	8562	0	0.000	0.092	2.207	90.000
VNMAX	Venous narrowing: Interim maximum	8562	0	0.000	0.068	2.064	90.000
VLRMAX	Venous loop/reduplication: Interim max.	8562	0	0.000	0.200	2.404	90.000
VSMAX	Venous sheathing: Interim maximum	8562	0	0.000	0.068	2.094	90.005
PVEMMAX	Perivenous exudate: Interim maximum	8562	0	0.000	0.042	1.945	90.000
IRWAMAX	Intraret. microvasc. abnorm: Interim max	8562	0	0.000	0.190	2.345	90.000
ANMAX	Arteriolar narrowing: Interim maximum	8562	0	0.000	0.210	2.246	90.000
ASMAY	Arteriolar sheathing: Interim maximum	8562	0	0.000	0.063	2.047	90.000
AVNMAX	Arterio-venous nicking: Interim maximum	8562	0	0.000	0.047	1.952	90.000
NVENMAX	New vessels elsewhere: Interim maximum	8562	0	0.000	0.089	2.121	90.000
DLTEMAX	Dilated tips elsewhere: Interim maximum	8562	0	0.000	0.036	1.696	90.000
FPPEMAX	Fibrous proliferation: Interim maximum	8562	0	0.000	0.074	1.963	90.000
PPPEMAX	Plane of prolif elsewhere: Interim maximum	8562	0	0.000	0.061	1.858	90.000
RELMAX	Retinal detachment: Interim maximum	8562	0	0.000	0.041	1.532	90.000
PRHMAX	Preretinal hemorrhage: Interim maximum	8562	0	0.000	0.032	1.684	90.000
VHRMAX	Vitreous hemorrhage: Interim maximum	8562	0	0.000	0.036	1.716	90.000
RHNUM	Retinal hemorrhage: No. of flds w / max.	236	8326	1.000	1.470	0.943	4.000
HMANUM	Hemorrhage/MA: No. of fields w / maximum	1970	6592	1.000	1.621	0.908	4.000
DRUNUM	Drusen: No. of fields with maximum	220	8342	1.000	1.536	0.862	4.000
HENUM	Hard exudate: No. of fields w / maximum	68	8494	1.000	1.485	0.723	4.000
SENUM	Soft exudate: No. of fields w / maximum	83	8479	1.000	1.627	1.056	4.000
VBNUM	Venous beading: No. of fields w / maximum	18	8544	1.000	1.667	0.970	4.000
VNNUM	Venous narrowing: No. of fields w / max.	12	8550	1.000	1.583	1.165	4.000
VLRNUM	Venous loop/redup'n: No. of fields w / max.	15	8547	1.000	1.733	1.033	4.000
VSNUM	Venous sheathing: No. of fields w / max.	9	8553	1.000	1.889	1.269	4.000
PVENUM	Perivenous exudate: No. of flds w / max.	2	8560	1.000	4.000	0.000	4.000
IRMANUM	IRMA: Number of fields with maximum	55	8507	1.000	1.764	1.036	4.000
ANNUM	Arteriolar narrowing: No. of flds w / max.	21	8541	1.000	1.619	1.071	4.000
ASNUM	Arteriolar sheathing: No. of flds w / max.	8	8554	1.000	1.750	1.389	4.000
AVNUM	Arterio-venous nicking: No. flds w / max.	2	8560	1.000	4.000	0.000	4.000
NVENUM	New vessels elsewhere: No. fields w / max.	17	8545	1.000	1.588	1.004	4.000
DLTEUM	Dilated tips elsewh: No. of fields w / max.	2	8560	1.000	4.000	0.000	4.000
FPPEUM	Fibrous prolif'n: No. of fields w / max.	16	8546	1.000	1.938	1.289	4.000
PPPEUM	Plane of prolif elsewhr: No. flds w / max.	12	8550	1.000	1.750	1.138	4.000
RELMUM	Retinal detachment: No. of flds w / max.	5	8557	1.000	2.200	1.643	4.000
PRHNUM	Preretinal hemorrhage: No. of flds w / max.	2	8560	1.000	4.000	0.000	4.000
VHRNUM	Vitreous hemorrhage: No. of fields w / max.	3	8559	1.000	4.000	0.000	4.000
RHNUM	Retinal hemorrhage: No. flds ungradable	8562	0	0.000	0.012	0.155	7.000
HMANUM	Hemorrhage/MA: No. of fields ungradable	8562	0	0.000	0.011	0.142	6.000
DRUNUM	Drusen: No. of fields ungradable	8562	0	0.000	0.011	0.141	6.000
HENUM	Hard exudate: No. of fields ungradable	8562	0	0.000	0.010	0.138	6.000

Includes both categorical and continuous variables

Baseline retinopathy stratum=Primary prevention Randomized treatment assignment=Intensive

Variable	Label	N	Miss	Minimum	Mean	Std Dev	Maximum
SECG	Soft exudates: No. of fields ungradable	8562	0	0.000	0.011	0.152	7.000
VBCG	Venous beading: No. of fields ungradable	8562	0	0.000	0.010	0.127	5.000
VNCG	Venous narrowing: No. of fids ungradable	8562	0	0.000	0.010	0.127	5.000
VLRG	Venous loop/redup'n: No. fids ungradable	8562	0	0.000	0.010	0.126	5.000
VSCG	Venous sheathing: No. of fids ungradable	8562	0	0.000	0.010	0.126	5.000
PVCG	Perivenous exudate: No. fids ungradable	8562	0	0.000	0.010	0.126	5.000
IRMAG	IRMA: Number of fields ungradable	8562	0	0.000	0.010	0.138	6.000
ANCG	Art. narrowing: No. of fields ungradable	8562	0	0.000	0.010	0.128	5.000
ASCG	Art. sheathing: No. of fields ungradable	8562	0	0.000	0.010	0.126	5.000
AVNCG	A-V nicking: No. of fields ungradable	8562	0	0.000	0.010	0.127	5.000
NVCG	New vessels elsewh: No. fids ungradable	8562	0	0.000	0.011	0.139	6.000
DLTECG	Dilated tips elsewh: No. fids ungradable	8562	0	0.000	0.011	0.139	6.000
FPECG	Fibrous prolif'n: No. of fids ungradable	8562	0	0.000	0.011	0.139	6.000
PPECG	Plane prolif'n else: No. fids ungradable	8562	0	0.000	0.011	0.139	6.000
RELCG	Retinal detachment: No. fids ungradable	8562	0	0.000	0.010	0.138	6.000
PRHCG	Preret'l hemorrhage: No. fids ungradable	8562	0	0.000	0.011	0.152	7.000
VHCG	Vitreous hemorrhage: No. fids ungradable	8562	0	0.000	0.011	0.152	7.000
SGAR2F	Photocoagulation scars, pct of Field 2	8558	4	0.000	0.011	0.327	14.000
SGAR6F	Photocoagulation scars, pct of Field 6	8550	12	0.000	0.066	1.863	75.000
OBSC2F	Obscurities: percent of Field 2 obscured	8558	4	0.000	0.000	0.000	0.000
OBSC6F	Obscurities: percent of Field 6 obscured	8550	12	0.000	0.000	0.000	0.000
CORR	Correction code: . or 0 => original	8562	0	0.000	0.004	0.059	1.000
ETDRSEYE	ETDRS final scale: Eye level	8554	8	10.000	13.107	6.573	90.000
ETDRSSRC	ETDRS final scale: Source of levels	7274	1288	1.000	1.502	0.500	2.000
ETDRSPAT	ETDRS final scale: Patient level	8554	8	1.000	1.740	4.097	99.000
DCCTRT	DCCCT interim scale: Eye level	8562	0	10.000	13.050	6.343	90.000
DCCTSRC	DCCCT interim scale: Source of levels	8562	0	1.000	1.518	0.503	3.000
DCCTPAT	DCCCT interim scale: Patient level	8562	0	1.000	1.762	4.124	99.000
LESIONB	Non-diabetic lesion: Asteroid hyalosis	400	0	0.000	0.000	0.011	1.000
LESIONC	Non-diab. lesion: Central vein occlusion	8162	400	0.000	0.000	0.000	1.000
LESIOND	Non-diab. lesion: Branch vein occlusion	8162	400	0.000	0.000	0.011	1.000
LESIONE	Non-diab.: Central arteriolar occlusion	8162	400	0.000	0.000	0.000	0.000
LESIONF	Non-diab.: Branch arteriolar occlusion	8162	400	0.000	0.000	0.000	0.000
LESIONG	Non-diabetic les'n: Macular degeneration	8162	400	0.000	0.001	0.046	2.000
LESIONH	Non-diabetic lesion: Choriorretinal scar	8162	400	0.000	0.006	0.109	2.000
LESIONI	Non-diabetic lesion: Nevus	8162	400	0.000	0.031	0.243	2.000
LESIONJ	Non-diabetic: Subretinal fibrous tissue	8162	400	0.000	0.000	0.000	0.000
LESIONK	Non-diab. lesion: Coloboma or staphyloma	8162	400	0.000	0.000	0.000	0.000
LESIONL	Non-diabetic lesion: Other	8162	400	0.000	0.054	0.315	2.000
EYEQUAL	Quality score for fundus photograph	8156	406	0.000	2.260	2.301	11.000
RECCDCORU	Date photos received at Reading Center	7112	1450	9472.000	11047.811	582.512	12032.000
SUBMIS	Submission type	7112	1450	0.000	0.018	0.225	6.000
DCCTSUM	DCCCT interim scale: Sum of eye variables	6908	1654	2.000	2.600	3.047	99.000
ONORET	191 classification: level for eye	5412	3150	10.000	12.374	5.801	80.000
ONOSRC	191 classification: source of eye level	5412	3150	1.000	1.936	0.244	2.000
ONOPAT	191 classification: patient category	5412	3150	1.000	1.649	4.182	88.000
ONOSUM	191 classification: sum of eye variables	5412	3150	2.000	2.635	4.128	88.000
FMSDATE	Date of photographs (SAS date value)	8562	0	8595.000	10865.603	834.800	12171.000
FUNDREF1	Fundus reflex opacities, grader 1	7073	1489	0.000	0.223	1.199	8.000

Includes both categorical and continuous variables

Variable	Label	N	Nmiss	Minimum	Mean	Std Dev	Maximum
FUNDRFE2	Fundus reflex opacities, grader 2	3519	5043	0.000	0.216	1.154	8.000
RH1F	Retinal hemorrhage, number in Field 1	8535	27	0.000	0.391	3.057	80.000
SE1F	Soft exudate, Field 1	8535	27	0.000	0.146	1.646	20.000
NVE1F	New vessels elsewhere, Field 1	8535	27	0.000	0.013	0.499	20.000
DLTE1F	Dilated tips elsewhere, Field 1	8535	27	0.000	0.001	0.108	10.000
FP1F	Fibrous proliferation elsewhere, Field 1	8535	27	0.000	0.000	0.000	0.000
PP1F	Plane of proliferation elsewhere, Fld 1	8535	27	0.000	0.002	0.121	10.000
PR1F	Preretinal hemorrhage, Field 1	8535	27	0.000	0.000	0.000	0.000
VH1F	Vitreous hemorrhage, Field 1	8535	27	0.000	0.000	0.000	0.000
SCAR1F	Photocoagulation scars, pct of Field 1	8535	27	0.000	0.024	0.693	37.000
OBSC1F	Obscurities: percent of Field 1 obscured	8535	27	0.000	0.000	0.000	0.000
CTMA1F	Microaneurysms, number in Field 1	8535	27	0.000	1.928	7.277	80.000
RH3F	Retinal hemorrhage, number in Field 3	8526	36	0.000	0.274	2.672	80.000
HMA3F	Hemorrhage/microaneurysms, amt in Fld 3	8526	36	0.000	2.564	6.663	80.000
DRU3F	Drusen, Field 3	8526	36	0.000	7.313	4.555	80.000
HE3F	Hard exudate, Field 3	8526	36	0.000	0.134	1.708	35.000
SE3F	Soft exudate, Field 3	8526	36	0.000	0.057	1.033	30.000
VB3F	Venous beading, Field 3	8526	36	0.000	0.015	0.505	20.000
VN3F	Venous narrowing, Field 3	8526	36	0.000	0.005	0.311	20.000
VL3F	Venous loop/reduplication, Field 3	8526	36	0.000	0.038	0.587	20.000
VS3F	Venous sheathing, Field 3	8526	36	0.000	0.003	0.223	20.000
PVE3F	Perivenous exudate, Field 3	8526	36	0.000	0.000	0.000	0.000
IRMA3F	Intraretinal microvascular abnorm, Fld 3	8526	36	0.000	0.096	1.438	40.000
AN3F	Arteriolar narrowing, Field 3	8526	34	0.000	0.038	0.813	30.000
AS3F	Arteriolar sheathing, Field 3	8526	36	0.000	0.004	0.242	20.000
AVN3F	Arterio-venous nicking, Field 3	8526	36	0.000	0.001	0.077	5.000
NVE3F	New vessels elsewhere, Field 3	8526	36	0.000	0.050	1.189	40.000
DLTE3F	Dilated tips elsewhere, Field 3	8526	36	0.000	0.004	0.171	10.000
FP3F	Fibrous proliferation, Field 3	8526	36	0.000	0.038	0.982	30.000
PP3F	Plane of proliferation, Field 3	8526	36	0.000	0.029	0.782	30.000
REL3F	Retinal detachment, Field 3	8526	36	0.000	0.020	0.676	30.000
PRH3F	Preretinal hemorrhage, Field 3	8526	36	0.000	0.000	0.000	0.000
VH3F	Vitreous hemorrhage, Field 3	8526	36	0.000	0.000	0.000	0.000
SCAR3F	Photocoagulation scars, pct of Field 3	8526	36	0.000	0.058	1.639	60.000
OBSC3F	Obscurities: percent of Field 3 obscured	8526	36	0.000	0.005	0.433	40.000
CTMA3F	Microaneurysms, number in Field 3	8526	36	0.000	2.398	8.470	80.000
RH4F	Retinal hemorrhage, number in Field 4	8533	29	0.000	0.270	2.549	30.000
HMA4F	Hemorrhage/microaneurysms, amt in Fld 4	8533	29	0.000	2.073	6.064	30.000
DRU4F	Drusen, Field 4	8533	29	0.000	5.990	4.704	80.000
HE4F	Hard exudate, Field 4	8533	29	0.000	0.097	1.418	35.000
SE4F	Soft exudate, Field 4	8533	29	0.000	0.093	1.295	30.000
VB4F	Venous beading, Field 4	8533	29	0.000	0.026	0.671	30.000
VN4F	Venous narrowing, Field 4	8533	29	0.000	0.004	0.242	20.000
VL4F	Venous loop/reduplication, Field 4	8533	29	0.000	0.023	0.519	30.000
VS4F	Venous sheathing, Field 4	8533	29	0.000	0.001	0.054	5.000
PVE4F	Perivenous exudate, Field 4	8533	29	0.000	0.000	0.000	0.000
IRMA4F	Intraretinal microvascular abnorm, Fld 4	8533	29	0.000	0.090	1.328	30.000
AN4F	Arteriolar narrowing, Field 4	8533	29	0.000	0.045	0.924	40.000
AS4F	Arteriolar sheathing, Field 4	8533	29	0.000	0.003	0.223	20.000

Baseline retinopathy stratum=Primary prevention Randomized treatment assignment=Intensive

Variable	Label	N	Misses	Minimum	Mean	Std Dev	Maximum
AVN4F	Arterio-venous nicking, Field 4	8533	29	0.000	0.004	0.153	10.000
NVE4F	New vessels elsewhere, Field 4	8533	29	0.000	0.033	0.897	30.000
DLT4F	Dilated tips elsewhere, Field 4	8533	29	0.000	0.003	0.162	10.000
PP4F	Fibrous proliferation, Field 4	8533	29	0.000	0.021	0.636	20.000
REL4F	Plane of proliferation, Field 4	8533	29	0.000	0.017	0.560	25.000
PRH4F	Retinal detachment, Field 4	8533	29	0.000	0.007	0.351	20.000
VH4F	Preretinal hemorrhage, Field 4	8533	29	0.000	0.000	0.000	0.000
SC4F	Vitreous hemorrhage, Field 4	8533	29	0.000	0.000	0.000	0.000
OB4F	Photocoagulation scars, pct of Field 4	8533	29	0.000	0.047	1.321	55.000
CTM4F	Obscurities: percent of Field 4 obscured	8533	29	0.000	0.000	0.000	0.000
RH5F	Microaneurysms, number in Field 4	8533	29	0.000	1.790	7.154	60.000
HMA5F	Retinal hemorrhage, number in Field 5	8526	36	0.000	0.280	2.696	80.000
DRU5F	Hemorrhage/microaneurysms, amt in Fld 5	8526	36	0.000	1.911	5.821	80.000
HE5F	Drusen, Field 5	8526	36	0.000	6.027	4.688	80.000
SE5F	Hard exudate, Field 5	8526	36	0.000	0.039	0.904	35.000
VB5F	Soft exudate, Field 5	8526	36	0.000	0.096	1.327	30.000
VN5F	Venous beading, Field 5	8526	36	0.000	0.016	0.530	20.000
VL5F	Venous narrowing, Field 5	8526	36	0.000	0.009	0.412	20.000
VV5F	Venous loop/reduplication, Field 5	8526	36	0.000	0.038	0.619	20.000
PVE5F	Venous sheathing, Field 5	8526	36	0.000	0.005	0.311	20.000
IRM5F	Perivenous exudate, Field 5	8526	36	0.000	0.000	0.000	0.000
AN5F	Intraretinal microvascular abnorm, Fld 5	8526	36	0.000	0.079	1.247	30.000
AV5F	Arteriolar narrowing, Field 5	8526	36	0.000	0.045	0.831	30.000
NVE5F	Arteriolar sheathing, Field 5	8526	36	0.000	0.007	0.351	20.000
AVN5F	Arterio-venous nicking, Field 5	8526	36	0.000	0.000	0.000	0.000
NVE5F	New vessels elsewhere, Field 5	8526	36	0.000	0.022	0.680	30.000
DLT5F	Dilated tips elsewhere, Field 5	8526	36	0.000	0.001	0.108	10.000
PP5F	Fibrous proliferation, Field 5	8526	36	0.000	0.014	0.514	20.000
REL5F	Plane of proliferation, Field 5	8526	36	0.000	0.002	0.153	10.000
PRH5F	Retinal detachment, Field 5	8526	36	0.000	0.000	0.000	0.000
VH5F	Preretinal hemorrhage, Field 5	8526	36	0.000	0.000	0.000	0.000
SC5F	Vitreous hemorrhage, Field 5	8526	36	0.000	0.000	0.000	0.000
OB5F	Photocoagulation scars, pct of Field 5	8526	36	0.000	0.046	1.304	55.000
CTM5F	Obscurities: percent of Field 5 obscured	8526	36	0.000	0.000	0.000	0.000
CTM5F	Microaneurysms, number in Field 5	8526	36	0.000	1.584	6.571	80.000
RH6F	Retinal hemorrhage, number in Field 6	8532	30	0.000	0.225	2.386	80.000
HMA6F	Hemorrhage/microaneurysms, amt in Fld 6	8532	30	0.000	1.319	4.978	80.000
DRU6F	Drusen, Field 6	8532	30	0.000	5.624	4.754	80.000
HE6F	Hard exudate, Field 6	8532	30	0.000	0.045	1.020	30.000
SE6F	Soft exudate, Field 6	8532	30	0.000	0.090	1.245	30.000
VB6F	Venous beading, Field 6	8532	30	0.000	0.042	0.969	30.000
VN6F	Venous narrowing, Field 6	8532	30	0.000	0.012	0.456	20.000
VL6F	Venous loop/reduplication, Field 6	8532	30	0.000	0.055	0.909	30.000
VV6F	Venous sheathing, Field 6	8532	30	0.000	0.019	0.663	30.000
PVE6F	Perivenous exudate, Field 6	8532	30	0.000	0.000	0.000	0.000
IRM6F	Intraretinal microvascular abnorm, Fld 6	8532	30	0.000	0.087	1.286	30.000
AN6F	Arteriolar narrowing, Field 6	8532	30	0.000	0.097	1.567	80.000
AVN6F	Arteriolar sheathing, Field 6	8532	30	0.000	0.009	0.436	30.000
AVN6F	Arterio-venous nicking, Field 6	8532	30	0.000	0.001	0.054	5.000

Includes both categorical and continuous variables

----- Baseline retinopathy stratum=Primary prevention Randomized treatment assignment=Intensive -----

Variable	Label	N	Nmiss	Minimum	Mean	Std Dev	Maximum
NVE6F	New vessels elsewhere, Field 6	8532	30	0.000	0.039	1.006	30.000
DLTE6F	Dilated tips elsewhere, Field 6	8532	30	0.000	0.001	0.108	10.000
FPE6F	Fibrous proliferation, Field 6	8532	30	0.000	0.018	0.567	20.000
PPE6F	Plane of proliferation, Field 6	8532	30	0.000	0.004	0.195	10.000
REL6F	Retinal detachment, Field 6	8532	30	0.000	0.000	0.000	0.000
PRH6F	Preretinal hemorrhage, Field 6	8532	30	0.000	0.000	0.000	0.000
VH6F	Vitreous hemorrhage, Field 6	8532	30	0.000	0.000	0.000	0.000
CTMA6F	Microaneurysms, number in Field 6	8532	30	0.000	1.181	6.047	80.000
RH7F	Retinal hemorrhage, number in Field 7	8520	42	0.000	0.246	2.438	30.000
HMA7F	Hemorrhage/microaneurysms, amt in Fld 7	8520	42	0.000	1.515	5.354	80.000
DRU7F	Drusen, Field 7	8520	42	0.000	5.345	4.603	30.000
HE7F	Hard exudate, Field 7	8520	42	0.000	0.022	0.746	30.000
SE7F	Soft exudate, Field 7	8520	42	0.000	0.084	1.440	80.000
VB7F	Venous beading, Field 7	8520	42	0.000	0.035	1.092	80.000
VN7F	Venous narrowing, Field 7	8520	42	0.000	0.021	0.960	80.000
VLR7F	Venous loop/reduplication, Field 7	8520	42	0.000	0.065	0.919	30.000
VS7F	Venous sheathing, Field 7	8520	42	0.000	0.012	0.560	30.000
PVE7F	Perivascular exudate, Field 7	8520	42	0.000	0.000	0.000	0.000
IRMA7F	Intraretinal microvascular abnorm, Fld 7	8520	42	0.000	0.090	1.549	80.000
AN7F	Arteriolar narrowing, Field 7	8520	42	0.000	0.131	1.842	80.000
AS7F	Arteriolar sheathing, Field 7	8520	42	0.000	0.002	0.217	20.000
AVN7F	Arterio-venous nicking, Field 7	8520	42	0.000	0.009	0.867	80.000
NVE7F	New vessels elsewhere, Field 7	8520	42	0.000	0.016	0.571	30.000
DLTE7F	Dilated tips elsewhere, Field 7	8520	42	0.000	0.001	0.108	10.000
FPE7F	Fibrous proliferation, Field 7	8520	42	0.000	0.012	0.484	20.000
PPE7F	Plane of proliferation, Field 7	8520	42	0.000	0.002	0.121	10.000
REL7F	Retinal detachment, Field 7	8520	42	0.000	0.000	0.000	0.000
PRH7F	Preretinal hemorrhage, Field 7	8520	42	0.000	0.000	0.000	0.000
VH7F	Vitreous hemorrhage, Field 7	8520	42	0.000	0.001	0.054	5.000
SCAR7F	Photocoagulation scars, % of Field 7	8520	42	0.000	0.075	2.132	85.000
OBSC7F	Obscurities: percent of Field 7 obscured	8520	42	0.000	0.000	0.000	0.000
CTMA7F	Microaneurysms, number in Field 7	8520	42	0.000	1.298	6.281	80.000

----- Baseline retinopathy stratum=Secondary interven Randomized treatment assignment=Conventional -----

Variable	Label	N	Nmiss	Minimum	Mean	Std Dev	Maximum
FORM	DCCT form number	10203	0	331.000	331.000	0.000	331.000
TOTMA	Microaneurysms: Total count	10198	5	0.000	10.871	9.239	88.000
EYE	Eye code: 0 = right, 1 = left	10203	0	0.000	0.500	0.500	1.000
VISIT	Quarterly visit	10203	0	0.000	13.506	9.389	37.000
MISS1	Indicator: Field 1 missing (1 = yes)	18	10185	1.000	1.000	0.000	1.000
NVD	Fld 1: New vessels on disc	10189	14	0.000	0.461	3.759	80.000
DLTD	Fld 1: Dilated tips of new vessels, disc	10188	15	0.000	0.103	2.463	80.000
FPP	Fld 1: Fibrous proliferation on disc	60	10143	1.000	2.367	1.813	8.000
PPD	Fld 1: Plane of proliferation on disc	10188	15	0.000	0.170	2.413	80.000
PS	Fld 1: Papillary swelling	10188	15	0.000	0.105	2.176	80.000

Includes both categorical and continuous variables

Variable	Label	N	N Miss	Minimum	Mean	Std Dev	Maximum
MISS2	Indicator: Field 2 missing (1 = Yes)	11	10192	1.000	1.000	0.000	1.000
RH2F	Retinal hemorrhage, number in Field 2	10192	11	0.000	6.723	12.064	80.000
CTMA2F	Microaneurysms, number in field 2	10193	10	0.000	32.729	25.190	80.000
HMA2F	Hemorrhage/microaneurysms, amt in Flid 2	10192	11	0.000	17.041	9.890	80.000
DRU2F	Drusen, Field 2	10192	11	0.000	8.104	4.978	80.000
HE2F	Hard exudate, field 2	10192	11	0.000	4.554	10.122	80.000
HERG	Flid 2: Percent of hard exudate in rings	10192	11	0.000	2.315	9.857	80.000
SE2F	Soft exudate, Field 2	10192	11	0.000	2.252	6.595	80.000
IRMA2F	Intraretinal microvascular abnorm, Flid 2	10192	11	0.000	2.190	6.485	80.000
PVD2F	Field 2: Posterior vitreous detachment	10192	11	0.000	0.181	2.467	80.000
RBL2F	Retinal detachment, Field 2	10192	11	0.000	0.070	2.272	80.000
PRH2F	Preretinal hemorrhage, Field 2	10192	11	0.000	0.085	2.258	80.000
VH2F	Vitreous hemorrhage, field 2	10192	11	0.000	0.087	2.298	80.000
FTSZ	Flid 2: Size of area w/retinal thickening	10192	11	0.000	2.199	8.075	80.000
FTK	Field 2: Maximum thickness of retina	10192	11	20.000	20.717	3.461	80.000
MTSZ	Flid 2: Area of ret'l thick'g w/i 2DD ctr	10192	11	0.000	1.219	5.962	80.000
MCTK	Flid 2: Max. ret'l thickness w/i 2 DD ctr	10192	11	20.000	20.453	3.122	80.000
CRTK	Flid 2: retinal thickness @ ctr of macula	10192	11	0.000	0.492	4.431	80.000
HELE1	Field 2: Hard exudate < 1 DD from macula	10192	11	0.000	2.425	7.295	80.000
CYST	Field 2: Cyst at/near center of macula	10192	11	0.000	0.201	3.504	80.000
HECR	Field 2: Hard exudate @ center of macula	10192	11	0.000	0.092	2.324	80.000
NVRS	Field 2: New vessels on retinal surface	10193	10	0.000	0.083	2.416	80.000
NVHY	Flid 2: Fibr prolif ret'l surface w/i 1DD	10191	12	0.000	0.061	2.120	80.000
FPHY	Flid 2: New vessels on detached hyaloid	10191	12	0.000	0.070	2.271	80.000
PIGM	Field 2: Fibr prolif abnormal w/in 1 DD ctr	10191	12	0.000	0.499	3.697	80.000
TNIN	Flid 2: Tension lines w/in 1DD ctr macula	10191	12	0.000	0.117	2.732	80.000
HOLE	Field 2: Macular hole w/i 1 DD of center	10191	12	0.000	0.079	2.505	80.000
NVCM	Field 2: New vessels at center of macula	10191	12	0.000	0.071	2.376	80.000
FPCM	Flid 2: Fibrous prolif'n, ctr of macula	10191	12	0.000	0.064	2.246	80.000
RDCM	Flid 2: Retinal detachment, center macula	10191	12	0.000	0.063	2.241	80.000
TLCM	Flid 2: Tension lines at center of macula	10191	12	0.000	0.084	2.522	80.000
DRAG	Field 2: Draggd macula	10191	12	0.000	0.063	2.241	80.000
RHCM	Flid 2: Retinal hemorrhage, ctr of macula	10191	12	0.000	0.095	2.652	80.000
PRHC	Flid 2: Preretinal hemorrhage @macula ctr	10191	12	0.000	0.041	1.783	80.000
SRHC	Flid 2: Subretinal hemorrhage ctr macula	10191	12	0.000	0.055	2.096	80.000
EXSC	Flid 2: Exudate plaque/fibrous scar, ctr	10191	12	0.000	0.063	2.241	80.000
DEBP	Field 2: Deep white spot @ macula center	10191	12	0.000	0.073	2.277	80.000
VHCM	Flid 2: Vitr. hem. obscures ctr of macula	10191	12	0.000	0.064	2.246	80.000
CSME	Flid 2: Clinically signif. macular edema	10189	14	0.000	0.933	5.598	80.000
MISS3	Indicator: Field 3 missing (1 = Yes)	35	10168	1.000	1.000	0.000	1.000
MISS4	Indicator: Field 4 missing (1 = Yes)	22	10181	1.000	1.000	0.000	1.000
MISS5	Indicator: Field 5 missing (1 = Yes)	20	10183	1.000	1.000	0.000	1.000
MISS6	Indicator: Field 6 missing (1 = Yes)	25	10178	1.000	1.000	0.000	1.000
MISS7	Indicator: Field 7 missing (1 = Yes)	30	10173	1.000	1.000	0.000	1.000
MISS8	Indicator: Field 8A missing (1 = Yes)	10182	21	1.000	1.000	0.000	1.000
MISS9	Indicator: Field 8B missing (1 = Yes)	10199	4	1.000	1.000	0.000	1.000
RHMAX	Retinal hemorrhage: Interim maximum	10201	2	0.000	10.233	13.565	90.000
HVAMAX	Hemorrhage/microaneurysms: Interim max.	10201	2	0.000	19.652	9.000	90.000

Includes both categorical and continuous variables

Baseline retinopathy stratum=Secondary Interven Randomized treatment assignment=Conventional

Variable	Label	N	Miss	Minimum	Mean	Std Dev	Maximum
DRUMAX	Drusen: Interim maximum score for eye	10201	2	0.000	9.708	4.443	90.000
HEMAX	Hard exudate: Interim maximum for eye	10201	2	0.000	5.505	10.935	90.000
SEMAY	Soft exudate: Interim maximum for eye	10201	2	0.000	4.899	9.348	90.000
VBMAY	Venous beading: Interim maximum for eye	10201	2	0.000	0.705	4.854	90.000
VNMAY	Venous narrowing: Interim maximum	10201	2	0.000	0.611	4.776	90.000
VLMAY	Venous loop/reduplication: Interim max.	10201	2	0.000	2.604	6.337	90.000
VSMAY	Venous sheathing: Interim maximum	10201	2	0.000	0.269	3.847	90.000
PVEMAY	Perivascular exudate: Interim maximum	10201	2	0.000	0.153	3.498	90.000
IRMMAY	Intraret. microvasc. abnorm: Interim max	10201	2	0.000	4.141	8.534	90.000
ANMAY	Arteriolar narrowing: Interim maximum	10201	2	0.000	1.635	6.685	90.000
ASMAX	Arteriolar sheathing: Interim maximum	10201	2	0.000	0.225	3.818	90.000
ZVNMAY	Arterio-venous nicking: Interim maximum	10201	2	0.000	0.223	3.579	90.000
NVEMAY	New vessels elsewhere: Interim maximum	10201	2	0.000	0.933	5.180	90.000
DLEMAX	Dilated tips elsewhere: Interim maximum	10201	2	0.000	0.245	3.328	90.000
PPEMAX	Fibrous proliferation: Interim maximum	10201	2	0.000	0.438	3.975	90.000
RELMAX	Plane of prolif elsewhere: Interim maximum	10201	2	0.000	0.311	3.548	90.000
PRHMAX	Retinal detachment: Interim maximum	10201	2	0.000	0.140	3.216	90.000
VHMAX	Preretinal hemorrhage: Interim maximum	10201	2	0.000	0.178	3.286	90.000
RHMAY	Vitreous hemorrhage: Interim maximum	10201	2	0.000	0.171	3.299	90.000
HMMAY	Retinal hemorrhage: No. of flds w / max.	3410	6793	1.000	2.003	1.203	4.000
HDMAY	Hemorrhage/MA: No. of fields w / maximum	8200	2003	1.000	2.664	1.250	4.000
HRMAY	Drusen: No. of fields with maximum	271	9932	1.000	1.376	0.811	4.000
HEMAY	Hard exudate: No. of fields w / maximum	1820	8383	1.000	1.417	0.647	4.000
SEMAY	Soft exudate: No. of fields w / maximum	1836	8367	1.000	1.581	0.841	4.000
VBMAY	Venous beading: No. of fields w / maximum	206	9997	1.000	1.850	1.046	4.000
VNMAY	Venous narrowing: No. of fields w / max.	143	10060	1.000	1.580	1.044	4.000
VLMAY	Venous loop/redup'n: No. of fields w / max.	274	9929	1.000	1.361	0.764	4.000
VSMAY	Venous sheathing: No. of fields w / max.	44	10159	1.000	2.227	1.292	4.000
PVEMAY	Perivascular exudate: No. of flds w / max.	18	10185	1.000	3.333	1.283	4.000
IRMMAY	IRMA: Number of fields with maximum	1576	8627	1.000	1.953	1.079	4.000
ANMAY	Arteriolar narrowing: No. of flds w/max.	394	9809	1.000	1.612	0.930	4.000
ASNTMAY	Arteriolar sheathing: No. of flds w/max.	35	10168	1.000	2.429	1.481	4.000
AVNMAY	Arterio-venous nicking: No. flds w/max.	18	10185	1.000	3.333	1.283	4.000
NVEMAY	New vessels elsewhere: No. fields w / max.	330	9873	1.000	1.509	0.807	4.000
DLEMAX	Dilated tips elswhr: No. of fields w / max.	50	10153	1.000	1.920	1.243	4.000
PPEMAX	Fibrous prolif'n: No. of fields w / max.	136	10067	1.000	1.772	0.943	4.000
RELMAX	Plane of prolif elswhr: No. flds w / max.	71	10132	1.000	1.803	1.090	4.000
RHMAY	Retinal detachment: No. of flds w / max.	21	10182	1.000	2.952	1.396	4.000
RHMAY	Preretinal hemorrhage: No. of flds w / max.	42	10161	1.000	2.214	1.220	4.000
VHMAX	Vitreous hemorrhage: No. of fields w / max.	34	10169	1.000	2.265	1.355	4.000
RHCG	Retinal hemorrhage: No. of fields w / max.	10201	2	0.000	0.022	0.300	7.000
HMAY	Hemorrhage/MA: No. of fields ungradable	10201	2	0.000	0.020	0.269	6.000
DRUG	Drusen: No. of fields ungradable	10201	2	0.000	0.020	0.267	6.000
HECG	Hard exudate: No. of fields ungradable	10201	2	0.000	0.018	0.250	7.000
SECG	Soft exudate: No. of fields ungradable	10201	2	0.000	0.021	0.297	6.000
VBCG	Venous beading: No. of fields ungradable	10201	2	0.000	0.018	0.235	5.000
VNCG	Venous narrowing: No. of flds ungradable	10201	2	0.000	0.018	0.234	5.000
VLMCG	Venous loop/redup'n: No. flds ungradable	10201	2	0.000	0.017	0.223	5.000
VSMCG	Venous sheathing: No. of flds ungradable	10201	2	0.000	0.017	0.219	5.000

Includes both categorical and continuous variables

----- Baseline retinopathy stratum=Secondary Intervent Randomized treatment assignment=Conventional -----

Variable	Label	N	Miss	Minimum	Mean	Std Dev	Maximum
PVECG	Perivascular exudate: No. fids ungradable	10201	2	0.000	0.016	0.211	5.000
IRMAGC	IRMA: Number of fields ungradable	10201	2	0.000	0.020	0.269	6.000
ANCG	Art. narrowing: No. of fields ungradable	10201	2	0.000	0.017	0.223	5.000
ASCG	Art. sheathing: No. of fields ungradable	10201	2	0.000	0.017	0.223	5.000
AVNCG	A-V nicking: No. of fields ungradable	10201	2	0.000	0.017	0.219	5.000
NVECG	New vessels elsewh: No. fids ungradable	10201	2	0.000	0.019	0.246	6.000
DLTECG	Dilated tips elsewh: No. fids ungradable	10201	2	0.000	0.019	0.246	6.000
PPECG	Fibrous prolif'n: No. of fids ungradable	10201	2	0.000	0.017	0.239	6.000
PEEG	Plane prolif'n else: No. fids ungradable	10201	2	0.000	0.019	0.248	6.000
RELCG	Retinal detachment: No. fids ungradable	10201	2	0.000	0.018	0.247	6.000
PRHCG	Preret'l hemorrhage: No. fids ungradable	10201	2	0.000	0.019	0.273	7.000
VHC3	Vitreous hemorrhage: No. fids ungradable	10201	2	0.000	0.020	0.280	7.000
SCAR2F	Photocoagulation scars, pct of Field 2	10190	13	0.000	0.205	0.670	38.000
SCAR6F	Photocoagulation scars, pct of Field 6	10176	27	0.000	0.724	5.702	88.000
OBSC2F	Obscurities: percent of Field 2 obscured	10190	13	0.000	0.049	1.983	98.000
OBSC6F	Obscurities: percent of Field 6 obscured	10176	27	0.000	0.018	1.060	99.000
CORR	Correction code: . or 0 * > original	10203	0	0.000	0.007	0.087	2.000
ETDRSEYE	ETDRS final scale: Eye level	10180	23	10.000	28.252	13.730	90.000
ETDRSSRC	ETDRS final scale: Source of levels	8831	1372	1.000	1.499	0.500	2.000
ETDRSPAT	ETDRS final scale: Patient level	10180	23	1.000	4.947	6.855	99.000
DCCTRRET	DCCR Interim scale: Eye level	10201	2	10.000	27.549	13.214	90.000
DCCTRSRC	DCCR Interim scale: Source of levels	10201	2	1.000	1.532	0.528	3.000
DCCTRPAT	DCCR Interim scale: Patient level	10201	2	1.000	5.294	7.014	99.000
LESIONB	Non-diabetic lesion: Asteroïd hyalosis	9577	626	0.000	0.001	0.046	2.000
LESIONC	Non-diab. lesion: Central vein occlusion	9577	626	0.000	0.000	0.023	2.000
LESIOND	Non-diabetic lesion: Branch vein occlusion	9577	626	0.000	0.000	0.041	2.000
LESIONE	Non-diab.: Central arteriolar occlusion	9577	626	0.000	0.000	0.000	0.000
LESIONF	Non-diab.: Branch arteriolar occlusion	9577	626	0.000	0.000	0.000	0.000
LESIONG	Non-diabetic les'n: Macular degeneration	9577	626	0.000	0.002	0.065	2.000
LESIONH	Non-diabetic lesion: Choroidretinal scar	9577	626	0.000	0.006	0.113	2.000
LESIONI	Non-diabetic lesion: Nevus	9577	626	0.000	0.025	0.216	2.000
LESIONJ	Non-diabetic: Subretinal fibrous tissue	9577	626	0.000	0.000	0.000	0.000
LESIONK	Non-diab. lesion: Coloboma or staphyloma	9577	626	0.000	0.000	0.000	0.000
LESIONL	Non-diabetic lesion: Other	9577	626	0.000	0.000	0.000	0.000
EYEQUAL	Quality score for fundus photograph	9553	650	0.000	0.061	0.336	2.000
RECDCCORU	Date photos received at Reading Center	7891	2312	0.000	2.593	3.273	99.000
SUBMIS	Submission type	7891	2312	9216.000	10993.498	603.304	12032.000
DCCTSUM	DCCR Interim scale: Sum of eye variables	7891	2312	0.000	0.070	0.573	7.000
ONORET	191 classification: Level for eye	8458	1745	2.000	5.746	5.953	99.000
ONOSRC	191 classification: source of eye level	6926	3277	10.000	25.377	11.948	80.000
ONOPAT	191 classification: patient category	6926	3277	1.000	1.920	0.271	2.000
ONOSUM	191 classification: sum of eye variables	6926	3277	1.000	4.390	5.210	88.000
FSASDATE	Date of photographs (SAS date value)	10203	0	2.000	5.298	5.132	88.000
FUNDRREF1	Fundus reflex opacities, grader 1	7884	2319	0.000	10725.696	881.545	12151.000
FUNDRREF2	Fundus reflex opacities, grader 2	3851	6352	0.000	0.307	1.366	8.000
RHIF	Retinal hemorrhage, number in Field 1	10133	70	0.000	0.334	1.434	8.000
SEIF	Soft exudate, Field 1	10132	71	0.000	5.220	10.694	80.000
NVEIF	New vessels elsewhere, Field 1	10133	70	0.000	2.259	6.581	80.000
DLTEIF	Dilated tips elsewhere, Field 1	10133	70	0.000	0.293	2.989	80.000
				0.000	0.080	2.079	80.000

Includes both categorical and continuous variables

----- Baseline retinopathy stratum=Secondary interven Randomized treatment assignment=Conventional -----

Variable	Label	N	Miss	Minimum	Mean	Std Dev	Maximum
FPE1F	Fibrous proliferation elsewhere, Field 1	10133	70	0.000	0.118	2.098	80.000
PPE1F	Plane of proliferation elsewhere, Fld 1	10133	70	0.000	0.151	2.407	80.000
PRH1F	Preretinal hemorrhage, Field 1	10133	70	0.000	0.062	1.838	80.000
VH1F	Vitreous hemorrhage, Field 1	10133	70	0.000	0.071	1.992	80.000
SCAR1F	Photocoagulation scars, pct of Field 1	10131	72	0.000	0.397	3.319	65.000
OBSC1F	Obscurities: percent of Field 1 obscured	10131	72	0.000	0.022	0.821	45.000
CTWA1F	Microaneurysms, number in Field 1	10133	70	0.000	23.130	23.918	80.000
RH3F	Retinal hemorrhage, number in Field 3	10115	88	0.000	6.432	11.905	80.000
HMA3F	Hemorrhage/microaneurysms, amt in Fld 3	10115	88	0.000	16.067	10.595	80.000
DRU3F	Drusen, Field 3	10115	88	0.000	8.434	4.459	80.000
HE3F	Hard exudate, Field 3	10115	88	0.000	4.014	9.454	80.000
SE3F	Soft exudate, Field 3	10115	88	0.000	1.651	5.667	80.000
VE3F	Venous beading, Field 3	10115	88	0.000	0.178	2.795	80.000
VN3F	Venous narrowing, Field 3	10115	88	0.000	0.211	2.912	80.000
VLR3F	Venous loop/reduplication, Field 3	10115	88	0.000	1.144	4.078	80.000
VS3F	Venous sheathing, Field 3	10115	88	0.000	0.093	2.373	80.000
PVE3F	Perivascular exudate, Field 3	10115	88	0.000	0.061	2.120	80.000
IRMA3F	Intraretinal microvascular abnorm, Fld 3	10115	88	0.000	2.433	6.627	80.000
AN3F	Arteriolar narrowing, Field 3	10116	87	0.000	0.615	4.119	80.000
AS3F	Arteriolar sheathing, Field 3	10115	88	0.000	0.080	2.307	80.000
AVN3F	Arterio-venous nicking, Field 3	10115	88	0.000	0.074	2.268	80.000
NVE3F	New vessels elsewhere, Field 3	10115	88	0.000	0.386	3.355	80.000
DLTE3F	Dilated tips elsewhere, Field 3	10115	88	0.000	0.103	2.353	80.000
FPE3F	Fibrous proliferation, Field 3	10115	88	0.000	0.163	2.336	80.000
PPE3F	Plane of proliferation, Field 3	10115	88	0.000	0.127	2.538	80.000
REL3F	Retinal detachment, Field 3	10115	88	0.000	0.063	2.139	80.000
PRH3F	Preretinal hemorrhage, Field 3	10115	88	0.000	0.069	1.947	80.000
VH3F	Vitreous hemorrhage, Field 3	10115	88	0.000	0.069	2.094	80.000
SCAR3F	Photocoagulation scars, pct of Field 3	10115	88	0.000	0.415	3.349	55.000
OBSC3F	Obscurities: percent of Field 3 obscured	10115	88	0.000	0.030	1.358	95.000
CTWA3F	Microaneurysms, number in Field 3	10115	88	0.000	30.921	25.877	80.000
RH4F	Retinal hemorrhage, number in Field 4	10129	74	0.000	5.962	11.387	80.000
HMA4F	Hemorrhage/microaneurysms, amt in Fld 4	10129	74	0.000	14.869	10.854	80.000
DRU4F	Drusen, Field 4	10129	74	0.000	6.978	4.720	80.000
HE4F	Hard exudate, Field 4	10129	74	0.000	2.631	7.799	80.000
SE4F	Soft exudate, Field 4	10129	74	0.000	2.368	6.681	80.000
VB4F	Venous beading, Field 4	10129	74	0.000	0.380	3.419	80.000
VN4F	Venous narrowing, Field 4	10129	74	0.000	0.246	3.021	80.000
VLR4F	Venous loop/reduplication, Field 4	10129	74	0.000	0.908	3.746	80.000
VS4F	Venous sheathing, Field 4	10129	74	0.000	0.113	2.283	80.000
PVE4F	Perivascular exudate, Field 4	10129	74	0.000	0.042	1.782	80.000
IRMA4F	Intraretinal microvascular abnorm, Fld 4	10129	74	0.000	2.269	6.459	80.000
AN4F	Arteriolar narrowing, Field 4	10129	74	0.000	0.664	4.170	80.000
AS4F	Arteriolar sheathing, Field 4	10129	74	0.000	0.064	2.032	80.000
AVN4F	Arterio-venous nicking, Field 4	10129	74	0.000	0.089	2.175	80.000
NVE4F	New vessels elsewhere, Field 4	10129	74	0.000	0.448	3.442	80.000
DLTE4F	Dilated tips elsewhere, Field 4	10129	74	0.000	0.094	2.102	80.000
FPE4F	Fibrous proliferation, Field 4	10129	74	0.000	0.219	2.516	80.000
PPE4F	Plane of proliferation, Field 4	10129	74	0.000	0.176	2.833	80.000

Includes both categorical and continuous variables

Variable	Label	N	Nmiss	Minimum	Mean	Std Dev	Maximum
RBL4F	Retinal detachment, Field 4	10129	74	0.000	0.044	1.655	80.000
PRH4F	Preretinal hemorrhage, Field 4	10129	74	0.000	0.047	1.689	80.000
VH4F	Vitreous hemorrhage, Field 4	10129	74	0.000	0.057	2.005	80.000
SCAR4F	Photocoagulation scars, pct of Field 4	10129	74	0.000	0.512	4.076	75.000
OBS4F	Obscurities: percent of Field 4 obscured	10129	74	0.000	0.017	1.038	95.000
CTMA4F	Microaneurysms, number in Field 4	10129	74	0.000	26.470	25.292	80.000
RH5F	Retinal hemorrhage, number in Field 5	10130	73	0.000	4.959	10.789	80.000
HMA5F	Hemorrhage/microaneurysms, amt in Fld 5	10130	73	0.000	13.875	10.815	80.000
DRU5F	Drusen, Field 5	10130	73	0.000	6.908	4.848	80.000
HE5F	Hard exudate, Field 5	10130	73	0.000	1.651	6.288	80.000
SE5F	Soft exudate, Field 5	10130	73	0.000	1.809	6.095	80.000
VB5F	Venous beading, Field 5	10130	73	0.000	0.217	2.731	80.000
VNS5F	Venous narrowing, Field 5	10130	73	0.000	0.231	2.874	80.000
VLR5F	Venous loop/reduplication, Field 5	10130	73	0.000	0.758	3.682	80.000
VSS5F	Venous sheathing, Field 5	10130	73	0.000	0.116	2.387	80.000
PVE5F	Periveneous exudate, Field 5	10130	73	0.000	0.053	1.962	80.000
IRMA5F	Intraretinal microvascular abnorm, Fld 5	10130	73	0.000	1.868	6.013	80.000
AMS5F	Arteriolar narrowing, Field 5	10130	73	0.000	0.648	4.326	80.000
ASS5F	Arteriolar sheathing, Field 5	10130	73	0.000	0.076	2.291	80.000
AVNS5F	Arterio-venous nicking, Field 5	10130	73	0.000	0.093	2.420	80.000
NVE5F	New vessels elsewhere, Field 5	10130	73	0.000	0.332	3.311	80.000
DLR5F	Dilated tips elsewhere, Field 5	10130	73	0.000	0.116	2.532	80.000
FR5F	Fibrous proliferation, Field 5	10130	73	0.000	0.140	2.264	80.000
PRES5F	Plane of proliferation, Field 5	10130	73	0.000	0.117	2.420	80.000
REL5F	Retinal detachment, Field 5	10130	73	0.000	0.056	2.105	80.000
PRH5F	Preretinal hemorrhage, Field 5	10130	73	0.000	0.078	2.107	80.000
VH5F	Vitreous hemorrhage, Field 5	10130	73	0.000	0.079	2.081	80.000
SCAR5F	Photocoagulation scars, pct of Field 5	10130	73	0.000	0.542	4.391	90.000
OBS5F	Obscurities: percent of Field 5 obscured	10130	73	0.000	0.034	1.347	90.000
CTMA5F	Microaneurysms, number in Field 5	10130	73	0.000	23.059	24.339	80.000
RH6F	Retinal hemorrhage, number in Field 6	10125	78	0.000	4.684	10.367	80.000
HMA6F	Hemorrhage/microaneurysms, amt in Fld 6	10125	78	0.000	12.591	11.052	80.000
DRU6F	Drusen, Field 6	10125	78	0.000	6.460	4.773	80.000
HE6F	Hard exudate, Field 6	10125	78	0.000	1.204	5.179	80.000
SE6F	Soft exudate, Field 6	10125	78	0.000	2.363	6.765	80.000
VB6F	Venous beading, Field 6	10125	78	0.000	0.393	3.314	80.000
VNS6F	Venous narrowing, Field 6	10125	78	0.000	0.237	2.980	80.000
VLR6F	Venous loop/reduplication, Field 6	10125	78	0.000	0.748	3.473	80.000
VSS6F	Venous sheathing, Field 6	10125	78	0.000	0.080	2.109	80.000
PVE6F	Periveneous exudate, Field 6	10125	78	0.000	0.036	1.611	80.000
IRMA6F	Intraretinal microvascular abnorm, Fld 6	10125	78	0.000	1.812	5.845	80.000
AMS6F	Arteriolar narrowing, Field 6	10125	78	0.000	0.838	4.681	80.000
ASS6F	Arteriolar sheathing, Field 6	10125	78	0.000	0.055	1.968	80.000
AVNS6F	Arterio-venous nicking, Field 6	10125	78	0.000	0.044	1.637	80.000
NVE6F	New vessels elsewhere, Field 6	10125	78	0.000	0.257	2.553	80.000
DLR6F	Dilated tips elsewhere, Field 6	10125	78	0.000	0.054	1.525	80.000
FR6F	Fibrous proliferation, Field 6	10125	78	0.000	0.092	1.806	80.000
PRES6F	Plane of proliferation, Field 6	10125	78	0.000	0.100	2.067	80.000
REL6F	Retinal detachment, Field 6	10125	78	0.000	0.040	1.640	80.000

----- Baseline retinopathy stratum=Secondary Interven Randomized treatment assignment=Conventional -----

Variable	Label	N	Nmiss	Minimum	Mean	Std Dev	Maximum
PRH6F	Preretinal hemorrhage, Field 6	10125	78	0.000	0.047	1.564	80.000
VH6F	Vitreous hemorrhage, Field 6	10125	78	0.000	0.043	1.684	80.000
CTMA6F	Microaneurysms, number in Field 6	10125	78	0.000	20.979	24.174	80.000
RH7F	Retinal hemorrhage, number in Field 7	10120	83	0.000	4.850	10.580	80.000
HMA7F	Hemorrhage/microaneurysms, amt in Fld 7	10120	83	0.000	12.874	11.094	80.000
DRU7F	Drusen, Field 7	10120	83	0.000	6.148	4.883	80.000
HE7F	Hard exudate, Field 7	10120	83	0.000	1.037	4.930	80.000
SE7F	Soft exudate, Field 7	10120	83	0.000	1.806	6.113	80.000
VB7F	Venous beading, Field 7	10120	83	0.000	0.326	3.275	80.000
VNT7F	Venous narrowing, Field 7	10120	83	0.000	0.287	3.200	80.000
VLR7F	Venous loop/reduplication, Field 7	10120	83	0.000	0.822	3.643	80.000
VS7F	Venous sheathing, Field 7	10120	83	0.000	0.126	2.529	80.000
PVE7F	Perivascular exudate, Field 7	10120	83	0.000	0.061	2.123	80.000
IRMA7F	Intraretinal microvascular abnorm, Fld 7	10120	83	0.000	1.824	5.994	80.000
AN7F	Arteriolar narrowing, Field 7	10120	83	0.000	0.920	5.048	80.000
AS7F	Arteriolar sheathing, Field 7	10120	83	0.000	0.085	2.348	80.000
AVN7F	Arterio-venous nicking, Field 7	10120	83	0.000	0.071	2.140	80.000
NVE7F	New vessels elsewhere, Field 7	10120	83	0.000	0.377	3.453	80.000
DLE7F	Dilated tips elsewhere, Field 7	10120	83	0.000	0.098	2.237	80.000
FPE7F	Fibrous proliferation, Field 7	10120	83	0.000	0.167	2.467	80.000
PPE7F	Plane of proliferation, Field 7	10120	83	0.000	0.121	2.467	80.000
REL7F	Retinal detachment, Field 7	10120	83	0.000	0.045	1.809	80.000
PRH7F	Preretinal hemorrhage, Field 7	10120	83	0.000	0.055	1.740	80.000
VH7F	Vitreous hemorrhage, Field 7	10120	83	0.000	0.065	1.740	80.000
SCAR7F	Photocoagulation scars, % of Field 7	10120	83	0.000	0.731	5.908	94.000
OBSC7F	Obscurities: percent of Field 7 obscured	10120	83	0.000	0.028	1.320	92.000
CTMA7F	Microaneurysms, number in Field 7	10120	83	0.000	21.497	24.267	80.000

----- Baseline retinopathy stratum=Secondary Interven Randomized treatment assignment=Intensive -----

Variable	Label	N	Nmiss	Minimum	Mean	Std Dev	Maximum
FORM	DCCT form number	10509	0	331.000	331.000	0.000	331.000
TOTMA	Microaneurysms: Total count	10506	3	0.000	9.201	8.841	88.000
EYE	Eye code: 0 = right, 1 = left	10509	0	0.000	0.500	0.500	1.000
VISIT	Quarterly visit	10507	2	0.000	13.597	9.531	38.000
MISS1	Indicator: Field 1 missing (1 = yes)	21	10488	1.000	1.000	0.000	1.000
NMD	Filed 1: New vessels on disc	10491	18	0.000	0.100	1.704	80.000
DLTD	Fld 1: Dilated tips of new vessels, disc	10489	20	0.000	0.019	1.120	80.000
FPD	Field 1: Fibrous proliferation on disc	34	10475	1.000	2.147	1.579	8.000
PPD	Field 1: Plane of proliferation on disc	10488	21	0.000	0.060	1.444	80.000
PS	Field 1: Papillary swelling	10489	20	0.000	0.101	1.509	80.000
MISS2	Indicator: Field 2 missing (1 = yes)	10	10499	1.000	1.000	0.000	1.000
RH2F	Retinal hemorrhage, number in Field 2	10498	11	0.000	3.756	9.590	80.000
CTMA2F	Microaneurysms, number in field 2	10498	11	0.000	28.045	24.987	80.000
HMA2F	Hemorrhage/microaneurysms, amt in fld 2	10498	11	0.000	15.121	9.815	80.000
DRU2F	Drusen, Field 2	10498	11	0.000	7.943	4.431	80.000

Includes both categorical and continuous variables

----- Baseline retinopathy stratum=Secondary interven Randomized treatment assignment=Intensive -----

Variable	Label	N	N Miss	Minimum	Mean	Std Dev	Maximum
HE2F	Hard exudate, field 2	10498	11	0.000	2.808	7.877	80.000
HE2F	Flid 2: Percent of hard exudate in rings	10500	9	0.000	1.172	7.125	80.000
HE2F	Soft exudate, Field 2	10498	11	0.000	1.036	5.072	80.000
IRMA2F	Intraretinal microvascular abnorm, Flid 2	10498	11	0.000	1.038	4.310	80.000
PVD2F	Field 2: Posterior vitreous detachment	10500	9	0.000	0.061	1.265	80.000
RELI2F	Retinal detachment, Field 2	10498	11	0.000	0.024	1.360	80.000
PRH2F	Preretinal hemorrhage, Field 2	10498	11	0.000	0.024	1.011	80.000
VH2F	Vitreous hemorrhage, field 2	10501	8	0.000	0.019	1.001	80.000
FTSZ	Flid 2: Size of area w/retinal thickening	10500	9	20.000	1.144	5.594	80.000
FTK	Field 2: Maximum thickness of retina	10501	8	0.000	20.372	2.420	80.000
MTSZ	Flid 2: Area of ret'l thick'g w/i 2DD ctr	10501	8	0.000	0.710	4.288	80.000
MCTR	Flid 2: Max. ret'l thickness w/i 2 DD ctr	10501	9	20.000	20.250	2.165	80.000
CRTK	Flid 2: retinal thickness @ ctr of macula	10501	8	0.000	0.288	3.168	80.000
HELE1	Field 2: Hard exudate < 1 DD from macula	10500	9	0.000	1.512	5.595	80.000
CYST	Field 2: Cyst at/near center of macula	10501	8	0.000	0.121	2.337	80.000
HECR	Field 2: Hard exudate @ center of macula	10501	8	0.000	0.037	1.433	80.000
NVRS	Field 2: New vessels on retinal surface	10500	9	0.000	0.032	1.387	80.000
FPRS	Flid 2: Fibr proflf ret'l surface w/i 1DD	10500	9	0.000	0.023	1.352	80.000
NVHY	Field 2: New vessels on detached hyaloid	10500	9	0.000	0.023	1.352	80.000
FPHY	Flid 2: Fibr proflf detach hyaloid w/ 1DD	10500	9	0.000	0.266	1.368	80.000
PIGM	Field 2: Pigment abnormal w/in 1 DD ctr	10500	9	0.000	0.042	2.562	80.000
TINL	Field 2: Macular hole w/i 1 DD of center	10501	8	0.000	0.030	1.561	80.000
HOLE	Field 2: New vessels at center of macula	10501	8	0.000	0.023	1.352	80.000
NVCM	Flid 2: Fibrous proflf'n, ctr of macula	10501	8	0.000	0.015	1.104	80.000
RDCM	Flid 2: Retinal detachment, center macula	10501	8	0.000	0.015	1.104	80.000
TLCM	Flid 2: Tension lines at center of macula	10501	8	0.000	0.034	1.580	80.000
DRAG	Field 2: Dragged macula	10501	8	0.000	0.016	1.108	80.000
RHCM	Flid 2: Retinal hemorrhage, ctr of macula	10501	8	0.000	0.030	1.561	80.000
PRHC	Flid 2: Preretinal hemorrhage @macula ctr	10501	8	0.000	0.008	0.781	80.000
SRHC	Flid 2: Subretinal hemorrhage ctr macula	10501	8	0.000	0.015	1.104	80.000
EXSC	Flid 2: Exudate plaque/fibrous scar, ctr	10501	8	0.000	0.015	1.104	80.000
DEEP	Flid 2: Deep white spot @ macula center	10501	8	0.000	0.027	1.371	80.000
VHCM	Flid 2: Vltr. hem. obscures ctr of macula	10501	8	0.000	0.012	0.834	80.000
CSME	Flid 2: Clinically signif. macular edema	10501	8	0.000	0.613	4.398	80.000
MISS3	Indicator: Field 3 missing (1 = yes)	26	10483	1.000	1.000	0.000	1.000
MISS4	Indicator: Field 4 missing (1 = yes)	18	10491	1.000	1.000	0.000	1.000
MISS5	Indicator: Field 5 missing (1 = yes)	25	10484	1.000	1.000	0.000	1.000
MISS6	Indicator: Field 6 missing (1 = yes)	21	10488	1.000	1.000	0.000	1.000
MISS7	Indicator: Field 7 missing (1 = yes)	22	10487	1.000	1.000	0.000	1.000
MISS8	Indicator: Field 8A missing (1 = yes)	10505	4	1.000	1.000	0.000	1.000
MISS9	Indicator: Field 8B missing (1 = yes)	10507	2	1.000	1.000	0.000	1.000
RHMAX	Retinal hemorrhage: Interim maximum	10509	0	0.000	6.954	11.898	90.000
HMAVAX	Hemorrhage/microaneurysms: Interim max.	10509	0	0.000	17.943	8.781	90.000
DRUMAX	Drusen: Interim maximum score for eye	10509	0	0.000	9.554	3.745	90.000
HEMAX	Hard exudate: Interim maximum for eye	10509	0	0.000	3.641	8.863	90.000
SEMAY	Soft exudate: Interim maximum for eye	10509	0	0.000	3.035	7.491	90.000
VBMAY	Venous beading: Interim maximum for eye	10509	0	0.000	0.276	3.076	90.000
VNMAY	Venous narrowing: Interim maximum	10509	0	0.000	0.328	3.281	90.000

Includes both categorical and continuous variables

----- Baseline retinopathy stratum=Secondary interven Randomized treatment assignment=Intensive -----

Variable	Label	N	N Miss	Minimum	Mean	Std Dev	Maximum
VLRMAX	Venous loop/reduplication: Interim max.	10509	0	0.000	1.949	5.029	90.000
VSMAX	Venous sheathing: Interim maximum	10509	0	0.000	0.152	2.814	90.000
PVEMAX	Perivenous exudate: Interim maximum	10509	0	0.000	0.071	2.461	90.000
IRMAMAX	Intraret. microvasc. abnorm: Interim max	10509	0	0.000	2.313	6.416	90.000
ANMAX	Arteriolar narrowing: Interim maximum	10509	0	0.000	0.906	4.749	90.000
ASMAX	Arteriolar sheathing: Interim maximum	10509	0	0.000	0.092	2.540	90.000
AVMAX	Arterio-venous nicking: Interim maximum	10509	0	0.000	0.133	2.591	90.000
NVEMAX	New vessels elsewhere: Interim maximum	10509	0	0.000	0.356	3.450	90.000
DLTMAX	Dilated tips elsewhere: Interim maximum	10509	0	0.000	0.098	2.438	90.000
PPEMAX	Fibrous proliferation: Interim maximum	10509	0	0.000	0.184	2.847	90.000
PELMAX	Plane of prolif elsewhere: Interim maximum	10509	0	0.000	0.145	2.633	90.000
RELMAX	Retinal detachment: Interim maximum	10509	0	0.000	0.065	2.207	90.000
PRHMAX	Preretinal hemorrhage: Interim maximum	10509	0	0.000	0.088	2.360	90.000
VHMAX	Vitreous hemorrhage: Interim maximum	10509	0	0.000	0.077	2.298	90.000
RHNUM	Retinal hemorrhage: No. of flds w / max.	2344	0	1.000	1.740	1.058	4.000
HMANUM	Hemorrhage/MA: No. of fields w / maximum	8153	2356	1.000	2.629	1.259	4.000
DRUNUM	Drusen: No. of fields with maximum	246	10263	1.000	1.297	0.674	4.000
HENUM	Hard exudate: No. of fields w / maximum	1322	9187	1.000	1.379	0.606	4.000
SENUM	Soft exudate: No. of fields w / maximum	1223	9286	1.000	1.526	0.805	4.000
VBNUM	Venous beading: No. of fields w / maximum	73	10436	1.000	1.849	1.023	4.000
VNUM	Venous narrowing: No. of fields w / max.	79	10430	1.000	1.557	0.930	4.000
VLRNUM	Venous loop/redup'n: No. of fields w / max.	154	10355	1.000	1.416	1.798	4.000
VSNUM	Venous sheathing: No. of fields w / max.	35	10474	1.000	1.743	1.268	4.000
PVENUM	Perivenous exudate: No. of flds w / max.	9	10500	1.000	3.667	1.000	4.000
IRMANUM	IRMA: Number of fields with maximum	832	9677	1.000	1.742	0.941	4.000
ANNUM	Arteriolar narrowing: No. of flds w / max.	211	10298	1.000	1.488	0.875	4.000
ASNUM	Arteriolar sheathing: No. of flds w / max.	16	10493	1.000	2.500	1.549	4.000
AVNUM	Arterio-venous nicking: No. of flds w / max.	17	10492	1.000	2.412	1.543	4.000
NVENUM	New vessels elsewhere: No. of fields w / max.	122	10387	1.000	1.516	0.805	4.000
DLTENUM	Dilated tips elsw: No. of fields w / max.	16	10493	1.000	2.375	1.500	4.000
PPENUM	Fibrous prolif'n: No. of fields w / max.	58	10451	1.000	1.534	0.995	4.000
PELNUM	Plane of prolif elsewhere: No. flds w / max	27	10482	1.000	1.963	1.285	4.000
RELNUM	Retinal detachment: No. of flds w / max.	10	10499	1.000	3.000	1.333	4.000
PRHNUM	Preretinal hemorrhage: No. of flds w / max	21	10488	1.000	2.095	1.300	4.000
VHNUM	Vitreous hemorrhage: No. of fields w / max	14	10495	1.000	2.786	1.311	4.000
RHCG	Retinal hemorrhage: No. flds ungradable	10509	0	0.000	0.017	0.233	4.000
HMACG	Hemorrhage/MA: No. of fields ungradable	10509	0	0.000	0.016	0.219	6.000
DRUCG	Drusen: No. of fields ungradable	10509	0	0.000	0.014	0.202	6.000
HECG	Hard exudate: No. of fields ungradable	10509	0	0.000	0.013	0.190	6.000
SECG	Soft exudate: No. of fields ungradable	10509	0	0.000	0.016	0.227	7.000
VBCG	Venous beading: No. of fields ungradable	10509	0	0.000	0.012	0.178	5.000
VNCG	Venous narrowing: No. of fields ungradable	10509	0	0.000	0.012	0.175	5.000
VLRCG	Venous loop/redup'n: No. flds ungradable	10509	0	0.000	0.012	0.176	5.000
VSCG	Venous sheathing: No. of flds ungradable	10509	0	0.000	0.012	0.175	5.000
PVECG	Perivenous exudate: No. flds ungradable	10509	0	0.000	0.012	0.172	5.000
IRMACG	IRMA: Number of fields ungradable	10509	0	0.000	0.014	0.203	6.000
ANCG	Art. narrowing: No. of fields ungradable	10509	0	0.000	0.013	0.184	5.000
ASCG	Art. sheathing: No. of fields ungradable	10509	0	0.000	0.012	0.179	5.000
AVNCG	A-V nicking: No. of fields ungradable	10509	0	0.000	0.012	0.176	5.000

Includes both categorical and continuous variables

----- Baseline retinopathy stratum=Secondary interven Randomized treatment assignment=Intensive -----

Variable	Label	N	Nmiss	Minimum	Mean	Std Dev	Maximum
NVECG	New vessels elsewhere: No. fids ungradable	10509	0	0.000	0.014	0.197	6.000
DITECG	Dilated tips elsewhere: No. fids ungradable	10509	0	0.000	0.014	0.197	6.000
FPEGG	Fibrous prolifer'n: No. of fids ungradable	10509	0	0.000	0.014	0.192	6.000
PPEGG	Plane prolifer'n else: No. fids ungradable	10509	0	0.000	0.014	0.195	6.000
RELGG	Retinal detachment: No. fids ungradable	10509	0	0.000	0.013	0.188	6.000
PRHGG	Preret'l hemorrhage: No. fids ungradable	10509	0	0.000	0.015	0.210	7.000
VHGG	Vitreous hemorrhage: No. fids ungradable	10509	0	0.000	0.015	0.210	7.000
SCAR2F	Photocoagulation scars, pct of Field 2	10498	11	0.000	0.088	0.925	25.000
SCAR6F	Photocoagulation scars, pct of Field 6	10487	22	0.000	0.369	4.031	87.000
OBSC2F	Obscurities: percent of Field 2 obscured	10498	11	0.000	0.007	0.594	60.000
OBSC6F	Obscurities: percent of Field 6 obscured	10487	22	0.000	0.019	1.147	80.000
CORR	Correction code: . or 0 => original	10509	0	0.000	0.005	0.076	2.000
ETDRSEYE	ETDRS final scale: Eye level	10496	13	10.000	24.782	11.820	90.000
ETDRSSRC	ETDRS final scale: Source of levels	9135	1374	1.000	1.501	0.500	2.000
ETDRSPAT	ETDRS final scale: Patient level	10496	13	1.000	4.128	6.149	99.000
DCCTRFET	DCCT interim scale: Eye level	10508	1	10.000	24.335	11.298	90.000
DCCTSRC	DCCT interim scale: Source of levels	10509	0	1.000	1.527	0.516	3.000
DCCTPAT	DCCT interim scale: Patient level	10509	0	1.000	4.421	6.400	99.000
LESIONB	Non-diabetic lesion: Asteroid hyalosis	9736	773	0.000	0.001	0.030	2.000
LESIONC	Non-diab. lesion: Central vein occlusion	9736	773	0.000	0.000	0.000	2.000
LESIOND	Non-diab. lesion: Branch vein occlusion	9736	773	0.000	0.000	0.023	2.000
LESIONE	Non-diab.: Central arteriolar occlusion	9736	773	0.000	0.000	0.000	2.000
LESIONF	Non-diab.: Branch arteriolar occlusion	9736	773	0.000	0.000	0.000	2.000
LESIONG	Non-diabetic les'n: Macular degeneration	9736	773	0.000	0.001	0.045	2.000
LESIONH	Non-diabetic lesion: Choroidretinal scar	9736	773	0.000	0.006	0.112	2.000
LESIONI	Non-diabetic lesion: Nevus	9736	773	0.000	0.027	0.225	2.000
LESIONJ	Non-diabetic lesion: Subretinal fibrous tissue	9736	773	0.000	0.001	0.050	2.000
LESIONK	Non-diabetic lesion: Coloboma or staphyloma	9736	773	0.000	0.000	0.000	2.000
LESIONL	Non-diabetic lesion: Other	9736	773	0.000	0.063	0.342	2.000
EYEQUAL	Quality score for fundus photograph	9727	782	0.000	2.548	2.760	99.000
REDCORU	Date photos received at Reading Center	7933	2576	8704.000	10984.572	610.293	12032.000
SUBMIS	Submission type	7933	2576	0.000	0.041	0.437	7.000
DCCTSUM	DCCT interim scale: Sum of eye variables	8798	1711	2.000	5.218	6.297	99.000
ONORET	191 classification: level for eye	7244	3265	10.000	23.573	11.097	80.000
ONOSRC	191 classification: source of eye level	7244	3265	1.000	1.914	0.283	3.000
ONOSUM	191 classification: patient category	7244	3265	1.000	4.125	5.940	88.000
ONODAT	191 classification: sum of eye variables	7244	3265	2.000	5.037	5.855	88.000
FSASDATE	Date of photograph (SAS date value)	10509	0	8564.000	10684.175	900.824	12172.000
FUNDRF1	Fundus reflex opacities, grader 1	8080	2429	0.000	0.264	1.242	8.000
FUNDRF2	Fundus reflex opacities, grader 2	3939	6570	0.000	0.255	1.216	8.000
RH1F	Retinal hemorrhage, number in Field 1	10454	55	0.000	2.864	8.449	80.000
SH1F	Soft exudate, Field 1	10454	55	0.000	1.318	5.023	80.000
NVE1F	New vessels elsewhere, Field 1	10454	55	0.000	0.062	1.336	80.000
DTE1F	Dilated tips elsewhere, Field 1	10454	55	0.000	0.009	0.785	80.000
FPE1F	Fibrous proliferation elsewhere, Field 1	10454	55	0.000	0.045	0.989	40.000
PPE1F	Plane of proliferation elsewhere, Fld 1	10454	55	0.000	0.037	1.096	80.000
REL1F	Preretinal hemorrhage, Field 1	10454	55	0.000	0.017	0.677	30.000
VH1F	Vitreous hemorrhage, Field 1	10454	55	0.000	0.015	0.686	40.000
SCAR1F	Photocoagulation scars, pct of Field 1	10454	55	0.000	0.189	2.182	52.000

Includes both categorical and continuous variables

Variable	Label	N	Miss	Minimum	Mean	Std Dev	Maximum
OBSCL1F	Obscurities: percent of Field 1 obscured	10454	55	0.000	0.018	1.112	94.000
CTMAL1F	Microaneurysms, number in Field 1	10454	55	0.000	18.897	22.267	80.000
RH3F	Retinal hemorrhage, number in Field 3	10449	60	0.000	3.819	9.570	80.000
HMA3F	Hemorrhage/microaneurysms, amt in fld 3	10449	60	0.000	14.082	10.436	80.000
DRU3F	Drusen, Field 3	10449	60	0.000	8.236	4.195	80.000
HE3F	Hard exudate, Field 3	10449	60	0.000	2.474	7.406	80.000
SE3F	Soft exudate, Field 3	10449	60	0.000	0.902	4.216	80.000
VB3F	Venous beading, Field 3	10449	60	0.000	0.053	1.487	80.000
VN3F	Venous narrowing, Field 3	10449	60	0.000	0.072	1.609	80.000
VLR3F	Venous loop/reduplication, Field 3	10449	60	0.000	0.990	3.473	80.000
VS3F	Venous sheathing, Field 3	10449	60	0.000	0.028	1.378	80.000
PVE3F	Perivenous exudate, Field 3	10449	60	0.000	0.018	1.128	80.000
IRMA3F	Intraretinal microvascular abnorm, fld 3	10449	60	0.000	1.238	4.665	80.000
AN3F	Arteriolar narrowing, Field 3	10449	60	0.000	0.238	2.419	80.000
AS3F	Arteriolar sheathing, Field 3	10449	60	0.000	0.035	1.594	80.000
AVN3F	Arterio-venous nicking, Field 3	10449	60	0.000	0.028	1.373	80.000
NVE3F	New vessels elsewhere, Field 3	10449	60	0.000	0.093	1.668	80.000
DLTE3F	Dilated tips elsewhere, Field 3	10449	60	0.000	0.021	1.130	80.000
FPE3F	Fibrous proliferation, Field 3	10449	60	0.000	0.039	1.326	80.000
PPE3F	Plane of proliferation, Field 3	10449	60	0.000	0.033	1.259	80.000
RET3F	Retinal detachment, Field 3	10449	60	0.000	0.024	1.194	80.000
PRH3F	Preretinal hemorrhage, Field 3	10449	60	0.000	0.006	0.339	20.000
VH3F	Vitreous hemorrhage, Field 3	10449	60	0.000	0.018	0.979	80.000
SCAR3F	Photocoagulation scars, pct of Field 3	10449	60	0.000	0.137	1.395	36.000
OSMC3F	Obscurities: percent of Field 3 obscured	10449	60	0.000	0.011	0.813	80.000
CTMA3F	Microaneurysms, number in Field 3	10449	60	0.000	26.350	25.567	80.000
RH4F	Retinal hemorrhage, number in Field 4	10457	52	0.000	3.520	9.227	80.000
HMA4F	Hemorrhage/microaneurysms, amt in fld 4	10457	52	0.000	12.851	10.712	80.000
DRU4F	Drusen, Field 4	10457	52	0.000	6.901	4.479	80.000
HE4F	Hard exudate, Field 4	10457	52	0.000	1.515	5.824	80.000
SE4F	Soft exudate, Field 4	10457	52	0.000	1.272	5.003	80.000
VB4F	Venous beading, Field 4	10457	52	0.000	1.819	1.822	80.000
VN4F	Venous narrowing, Field 4	10457	52	0.000	0.110	1.822	80.000
VLR4F	Venous loop/reduplication, Field 4	10457	52	0.000	0.661	2.935	80.000
VS4F	Venous sheathing, Field 4	10457	52	0.000	0.024	1.192	80.000
PVE4F	Perivenous exudate, Field 4	10457	52	0.000	0.009	0.788	80.000
IRMA4F	Intraretinal microvascular abnorm, fld 4	10457	52	0.000	0.000	4.724	80.000
AN4F	Arteriolar narrowing, Field 4	10457	52	0.000	1.161	2.918	80.000
AS4F	Arteriolar sheathing, Field 4	10457	52	0.000	0.331	80.000	80.000
AVN4F	Arterio-venous nicking, Field 4	10457	52	0.000	0.035	1.576	80.000
NVE4F	New vessels elsewhere, Field 4	10457	52	0.000	0.054	1.466	80.000
DLTE4F	Dilated tips elsewhere, Field 4	10457	52	0.000	0.178	2.135	80.000
FPE4F	Fibrous proliferation, Field 4	10457	52	0.000	0.021	0.885	80.000
PPE4F	Plane of proliferation, Field 4	10457	52	0.000	0.084	1.369	30.000
RET4F	Retinal detachment, Field 4	10457	52	0.000	0.052	1.007	40.000
PRH4F	Preretinal hemorrhage, Field 4	10457	52	0.000	0.006	0.309	20.000
VH4F	Vitreous hemorrhage, Field 4	10457	52	0.000	0.003	0.293	30.000
SCAR4F	Photocoagulation scars, pct of Field 4	10457	52	0.000	0.012	0.622	40.000
OBSCL4F	Obscurities: percent of Field 4 obscured	10457	52	0.000	0.211	2.302	47.000
					0.008	0.414	29.000

Includes both categorical and continuous variables

Baseline retinopathy stratum=Secondary interven Randomized treatment assignment=Intensive

Variable	Label	N	Misses	Minimum	Mean	Std Dev	Maximum
CTMA6F	Microaneurysms, number in Field 4	10457	52	0.000	21.722	24.001	80.000
RHSF	Retinal hemorrhage, number in Field 5	10450	59	0.000	2.730	8.266	80.000
HMA5F	Hemorrhage/microaneurysms, amt in Fld 5	10450	59	0.000	11.865	10.561	80.000
DRUSF	Drusen, Field 5	10450	59	0.000	6.580	4.474	80.000
HESF	Hard exudate, Field 5	10450	59	0.000	1.091	4.826	80.000
SE5F	Soft exudate, Field 5	10450	59	0.000	1.021	4.343	80.000
VB5F	Venous beading, Field 5	10450	59	0.000	0.094	1.707	80.000
VNSF	Venous narrowing, Field 5	10450	59	0.000	0.089	1.710	80.000
VLR5F	Venous loop/reduplication, Field 5	10450	59	0.000	0.606	2.766	80.000
VSSF	Venous sheathing, Field 5	10450	59	0.000	0.033	1.427	80.000
PVBSF	Perivascular exudate, Field 5	10450	59	0.000	0.015	1.107	80.000
IRMA5F	Intraretinal microvascular abnorm, Fld 5	10450	59	0.000	0.851	3.963	80.000
ANSF	Arteriolar narrowing, Field 5	10450	59	0.000	0.296	2.983	80.000
ASSF	Arteriolar sheathing, Field 5	10450	59	0.000	0.025	1.369	80.000
AVNSF	Arterio-venous nicking, Field 5	10450	59	0.000	0.033	1.186	80.000
NVBSF	New vessels elsewhere, Field 5	10450	59	0.000	0.101	1.560	80.000
DLT5F	Dilated tips elsewhere, Field 5	10450	59	0.000	0.014	0.829	80.000
FPBSF	Fibrous proliferation, Field 5	10450	59	0.000	0.025	0.991	80.000
PPE5F	Plane of proliferation, Field 5	10450	59	0.000	0.029	1.016	80.000
RELSF	Retinal detachment, Field 5	10450	59	0.000	0.010	0.807	80.000
PRHSF	Pre-retinal hemorrhage, Field 5	10450	59	0.000	0.018	0.679	80.000
VHSF	Vitreous hemorrhage, Field 5	10450	59	0.000	0.011	0.583	40.000
SCARSF	Photocoagulation scars, pct of Field 5	10450	59	0.000	0.227	2.506	58.000
OBSC5F	Obscurities: percent of Field 5 obscured	10450	59	0.000	0.004	0.243	20.000
CTMA5F	Microaneurysms, number in Field 5	10450	59	0.000	18.886	22.835	80.000
RHSF	Retinal hemorrhage, number in Field 6	10454	55	0.000	2.804	8.339	80.000
HMA6F	Hemorrhage/microaneurysms, amt in Fld 6	10454	55	0.000	10.777	10.695	80.000
DRUSF	Drusen, Field 6	10454	55	0.000	6.161	4.652	80.000
HESF	Hard exudate, Field 6	10454	55	0.000	0.804	4.190	80.000
SE6F	Soft exudate, Field 6	10454	55	0.000	1.346	5.050	80.000
VB6F	Venous beading, Field 6	10454	55	0.000	0.143	1.816	80.000
VNSF	Venous narrowing, Field 6	10454	55	0.000	0.111	1.773	80.000
VLR6F	Venous loop/reduplication, Field 6	10454	55	0.000	0.495	2.500	80.000
VSSF	Venous sheathing, Field 6	10454	55	0.000	0.078	1.636	80.000
PVBSF	Perivascular exudate, Field 6	10454	55	0.000	0.015	1.106	80.000
IRMA6F	Intraretinal microvascular abnorm, Fld 6	10454	55	0.000	0.782	3.805	80.000
ANSF	Arteriolar narrowing, Field 6	10454	55	0.000	0.448	3.320	80.000
ASSF	Arteriolar sheathing, Field 6	10454	55	0.000	0.028	1.226	80.000
AVNSF	Arterio-venous nicking, Field 6	10454	55	0.000	0.030	1.176	80.000
NVBSF	New vessels elsewhere, Field 6	10454	55	0.000	0.096	1.864	80.000
DLT6F	Dilated tips elsewhere, Field 6	10454	55	0.000	0.042	1.471	80.000
FPBSF	Fibrous proliferation, Field 6	10454	55	0.000	0.056	1.609	80.000
PPE6F	Plane of proliferation, Field 6	10454	55	0.000	0.037	1.424	80.000
PPE6F	Pre-retinal detachment, Field 6	10454	55	0.000	0.017	1.117	80.000
PRHSF	Retinal hemorrhage, Field 6	10454	55	0.000	0.010	0.806	80.000
VHSF	Vitreous hemorrhage, Field 6	10454	55	0.000	0.008	0.499	40.000
CTMA6F	Microaneurysms, number in Field 6	10454	55	0.000	16.927	22.340	80.000
RHSF	Retinal hemorrhage, number in Field 7	10453	56	0.000	2.816	8.353	80.000
HMA7F	Hemorrhage/microaneurysms, amt in Fld 7	10453	56	0.000	11.135	10.629	80.000

Includes both categorical and continuous variables

----- Baseline retinopathy stratum=Secondary interven Randomized treatment assignment=Intensive -----

Variable	Label	N	Nmiss	Minimum	Mean	Std Dev	Maximum
DRU7F	Drusen, Field 7	10453	56	0.000	5.965	4.533	80.000
HE7F	Hard exudate, Field 7	10453	56	0.000	0.572	3.374	40.000
SE7F	Soft exudate, Field 7	10453	56	0.000	1.001	4.299	80.000
VB7F	Venous beading, Field 7	10453	56	0.000	0.106	1.802	80.000
VN7F	Venous narrowing, Field 7	10453	56	0.000	0.097	1.528	80.000
VL7F	Venous loop/reduplication, Field 7	10453	56	0.000	0.537	2.511	80.000
VS7F	Venous sheathing, Field 7	10453	56	0.000	0.038	1.111	80.000
PVE7F	Perivenous exudate, Field 7	10453	56	0.000	0.008	0.782	80.000
IRM7F	Intraretinal microvascular abnorm, Fld 7	10453	56	0.000	0.849	3.832	80.000
AN7F	Arteriolar narrowing, Field 7	10453	56	0.000	0.422	3.209	80.000
AS7F	Arteriolar sheathing, Field 7	10453	56	0.000	0.010	0.793	80.000
AVN7F	Arterio-venous nicking, Field 7	10453	56	0.000	0.017	0.848	80.000
NVE7F	New vessels elsewhere, Field 7	10453	56	0.000	0.123	1.837	80.000
DL7F	Dilated tips elsewhere, Field 7	10453	56	0.000	0.022	1.132	80.000
FP7F	Fibrous proliferation, Field 7	10453	56	0.000	0.034	0.794	25.000
PPE7F	Plane of proliferation, Field 7	10453	56	0.000	0.042	1.300	80.000
REL7F	Retinal detachment, Field 7	10453	56	0.000	0.010	0.795	80.000
PRH7F	Preretinal hemorrhage, Field 7	10453	56	0.000	0.024	1.013	80.000
VH7F	Vitreous hemorrhage, Field 7	10453	56	0.000	0.012	0.555	40.000
SCAR7F	Photocoagulation scars, % of Field 7	10453	56	0.000	0.336	3.775	79.000
OBSC7F	Obscurities: percent of Field 7 obscured	10453	56	0.000	0.009	0.581	50.000
CTMA7F	Microaneurysms, number in Field 7	10453	56	0.000	17.819	22.669	80.000