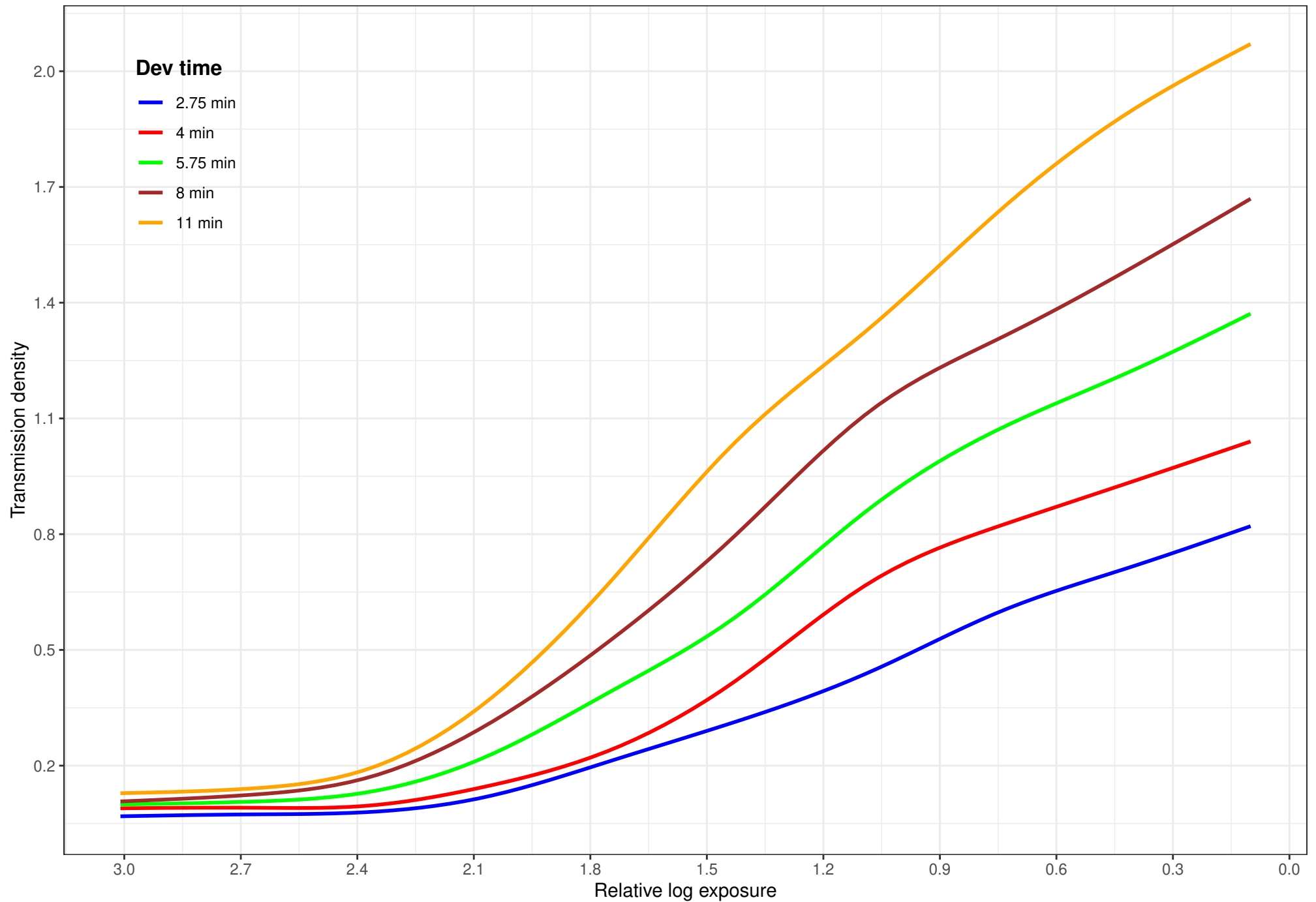


Catlabs Pro 320 film test results by Nick Mazur , 2022-11-01

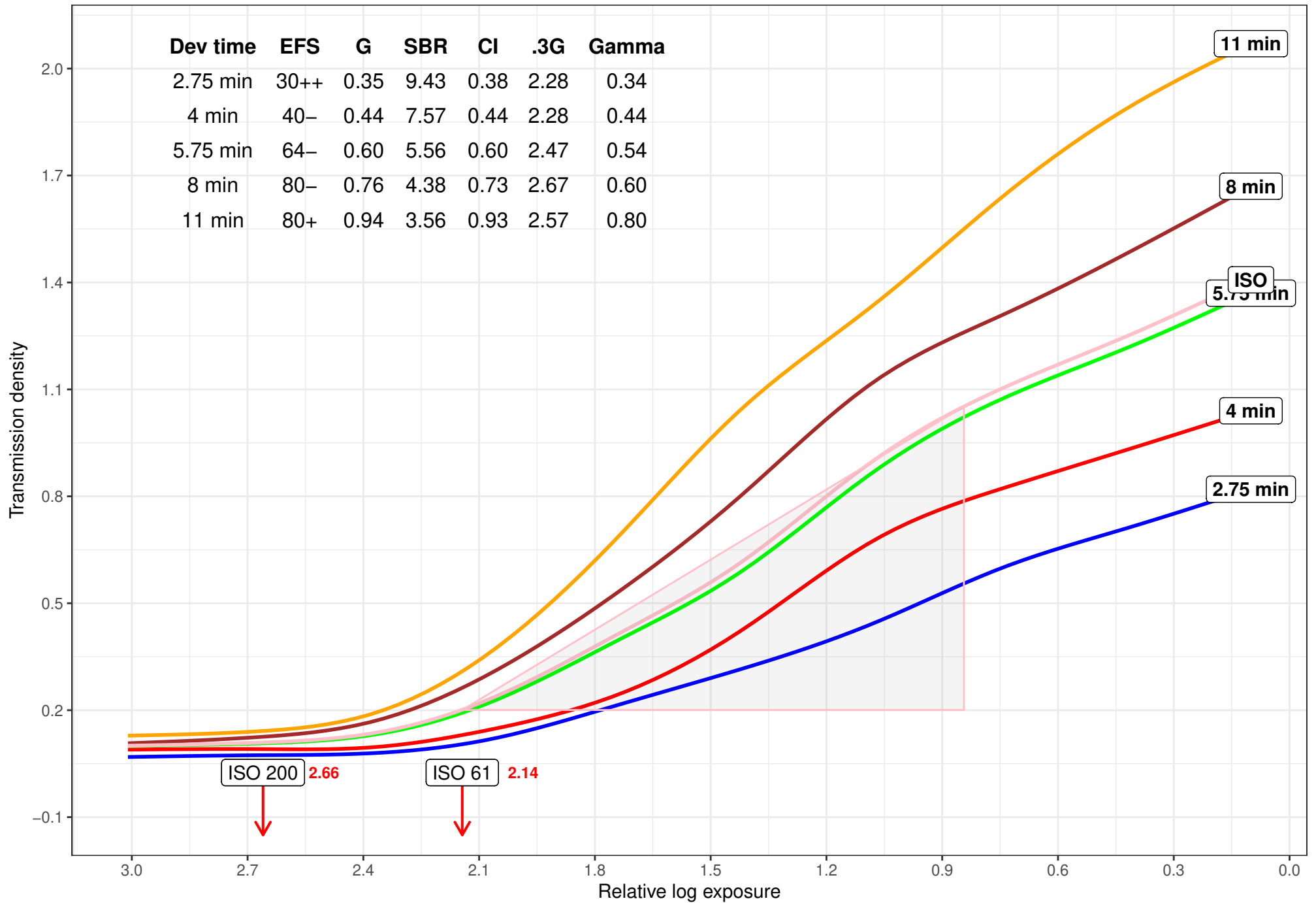
Title:	Catlabs Pro 320 / D76 1+1 / 20C
Test date:	2022-10-28
Analysis date:	2022-11-01
Curves:	2.75 min, 4 min, 5.75 min, 8 min, 11 min
Film ISO:	200
Development:	D76 1+1 at 20C
Agitation:	Continuous, in a rotary processor
DMin by:	ISO; Plots follow common BTZS conventions (Phil Davis, Beyond the Zone System, Fourth Edition, 1998).
Paper ES:	1
Notes:	<p>Data obtained with a uncalibrated DIY sensitometer, including an incandescent light source, an 80A filter, and a Copal shutter. The results are meant to be rough estimates of the film's performance only. The film has very low B+F density. It is coated on clear polyester base, which is thin, dimensionally stable, dries very flat, and resists water drying marks. During processing, the film releases a dark, cyan-grey dye. The curves describe the film as having extended, linear mid-tones (Zones V and VI), with some compression in the shadows and highlights. If ample shadow detail is required, it is recommended to expose the film at EI 65-100 and cut development time by at least 30%. The film appears to have slightly increased sensitivity to red light and a significantly reduced sensitivity to green light. Further testing is required to determine its spectral sensitivity curve. Proccessing details: Two minute pre-wet cycle, Kodak D76 1+1 developer, Kodak Indicator Stop bath; Kodak Fixer; Kodak Hypo Clearing Agent; Ilford wash method; Kodak Photo-Flo 200. All at 20C.</p>

Dev time	EFS	G	SBR	CI	.3G	Gamma
2.75 min	30++	0.35	9.43	0.38	2.28	0.34
4 min	40-	0.44	7.57	0.44	2.28	0.44
5.75 min	64-	0.60	5.56	0.60	2.47	0.54
8 min	80-	0.76	4.38	0.73	2.67	0.60
11 min	80+	0.94	3.56	0.93	2.57	0.80

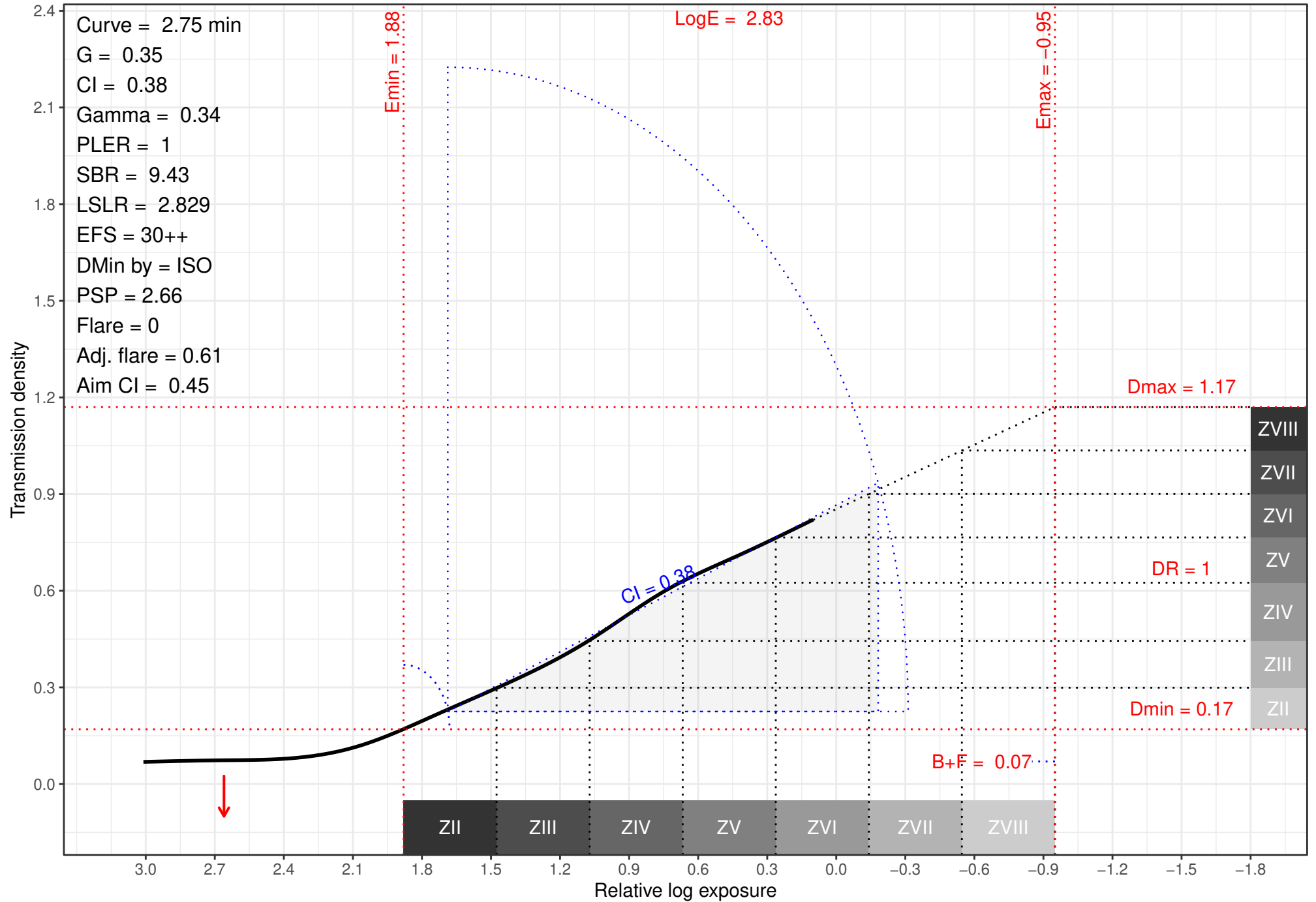
Catlabs Pro 320 / D76 1+1 / 20C



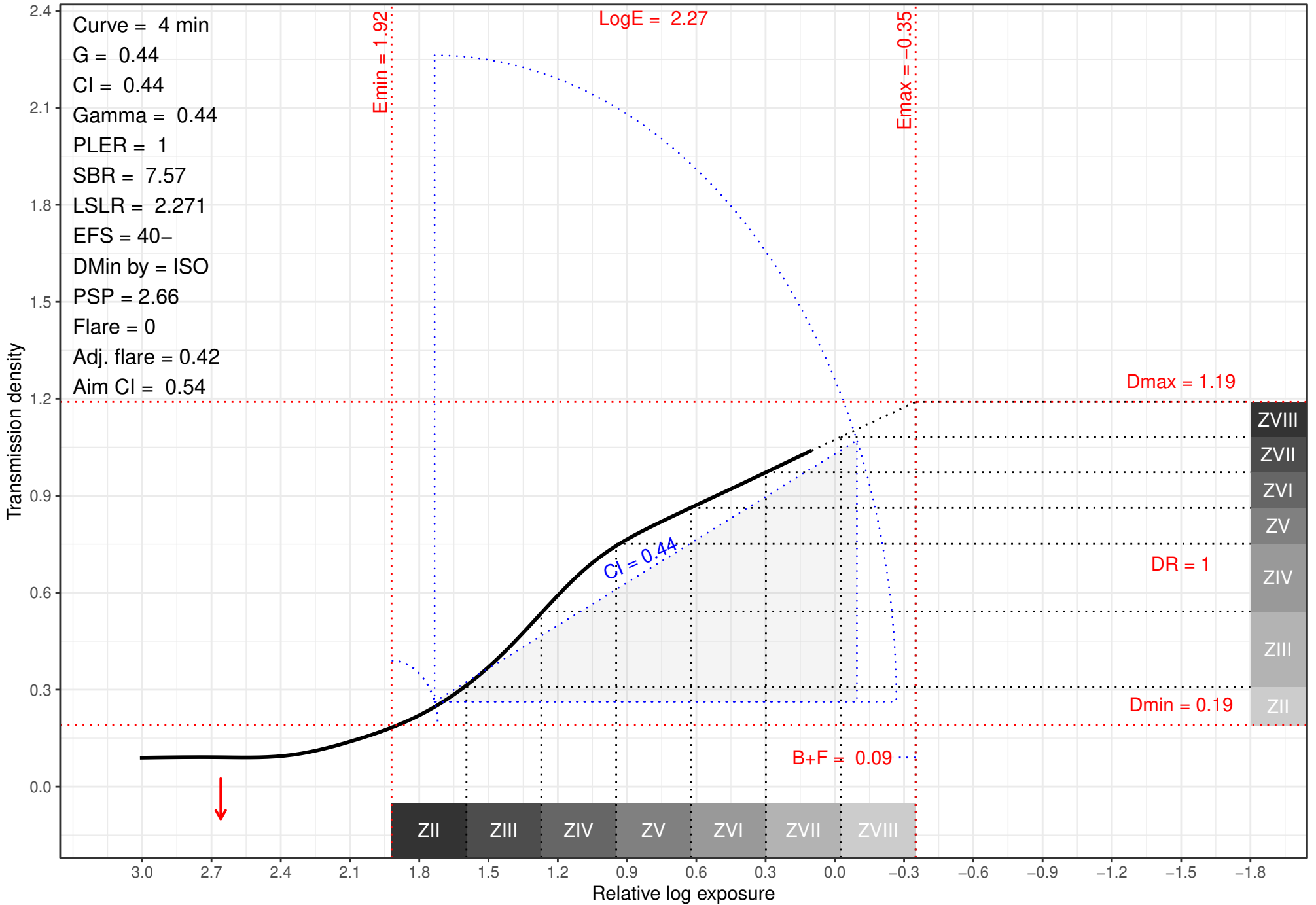
Catlabs Pro 320 / D76 1+1 / 20C



Catlabs Pro 320 / D76 1+1 / 20C

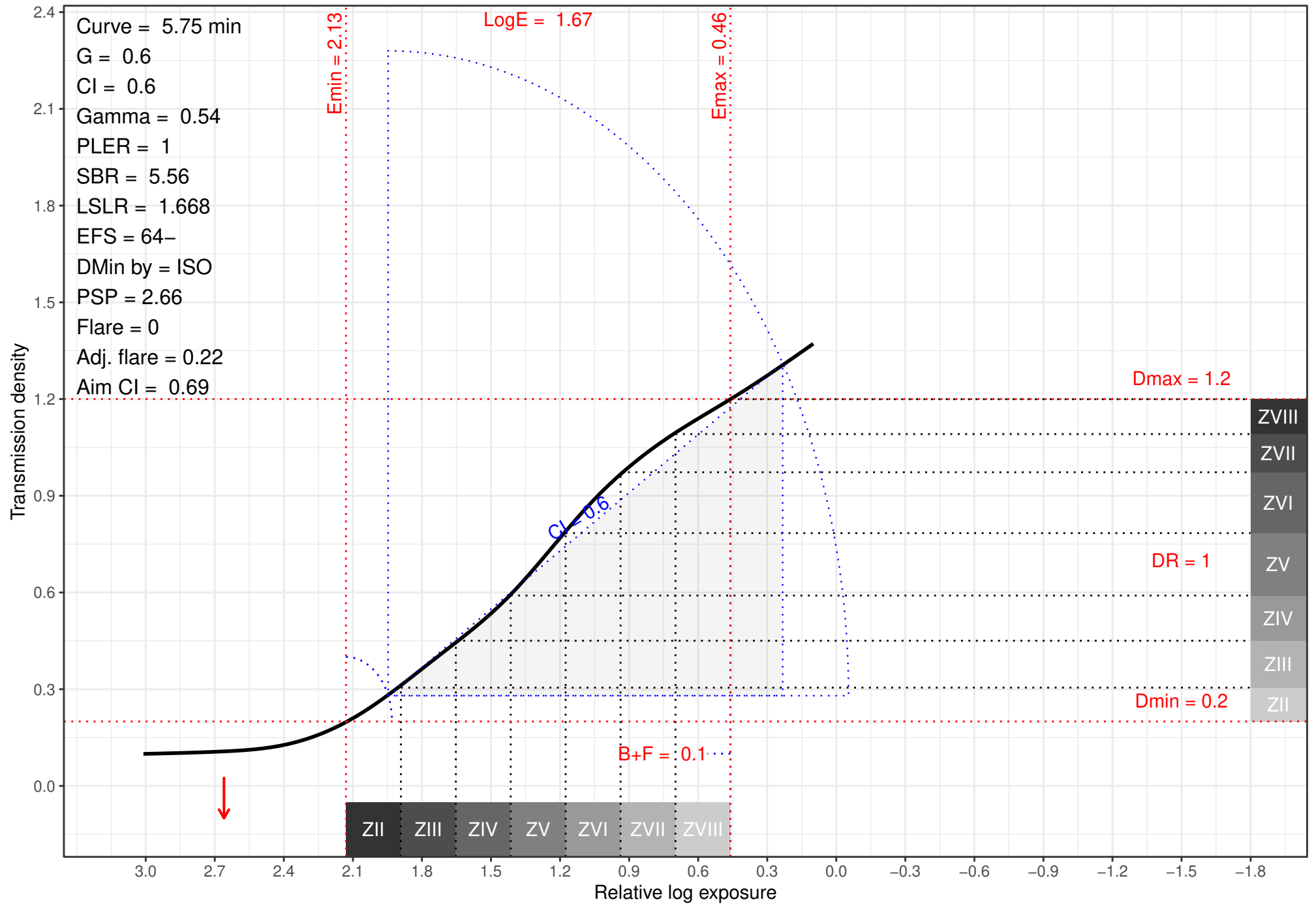


Catlabs Pro 320 / D76 1+1 / 20C

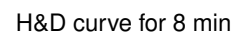


H&D curve for 4 min

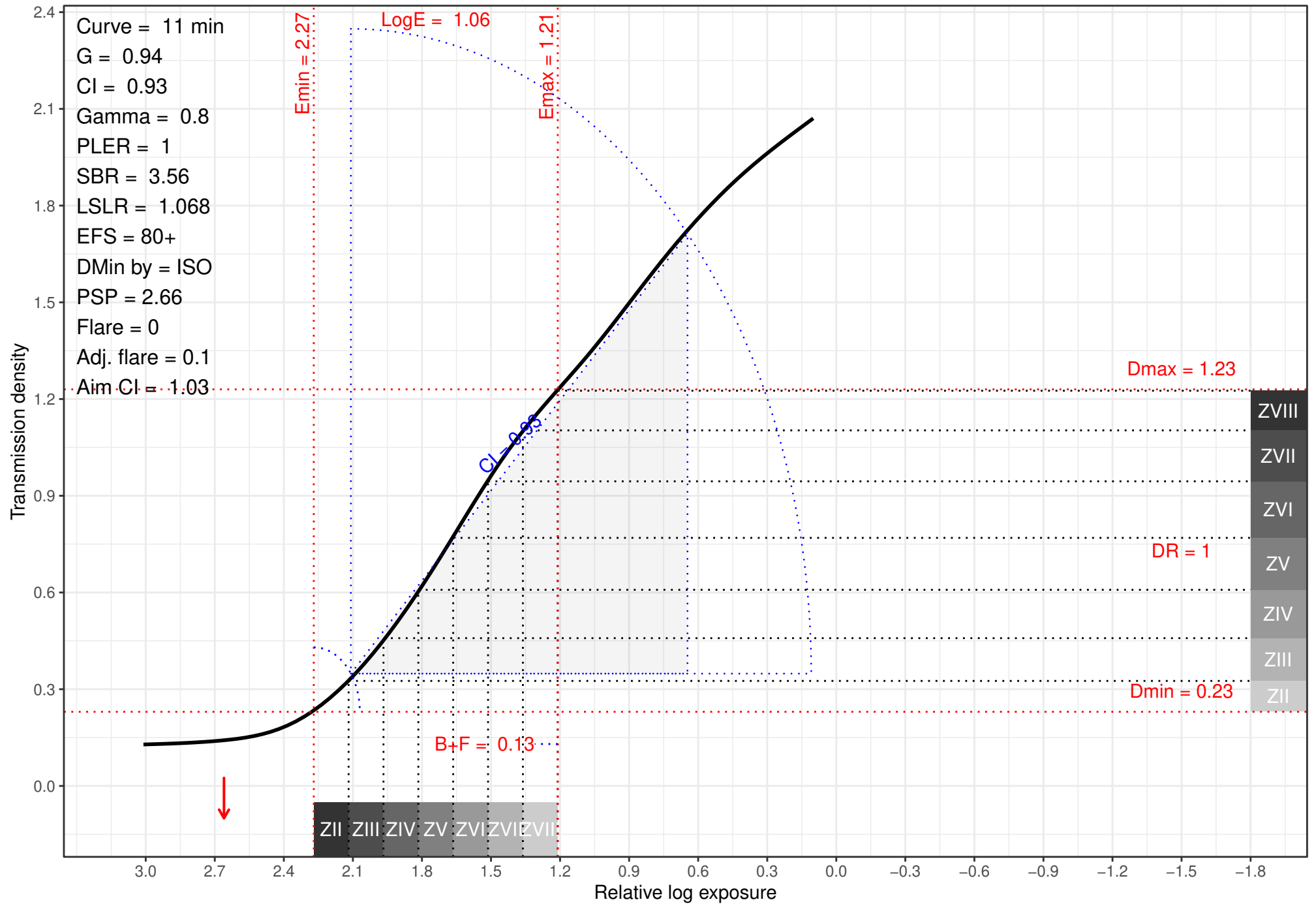
Catlabs Pro 320 / D76 1+1 / 20C



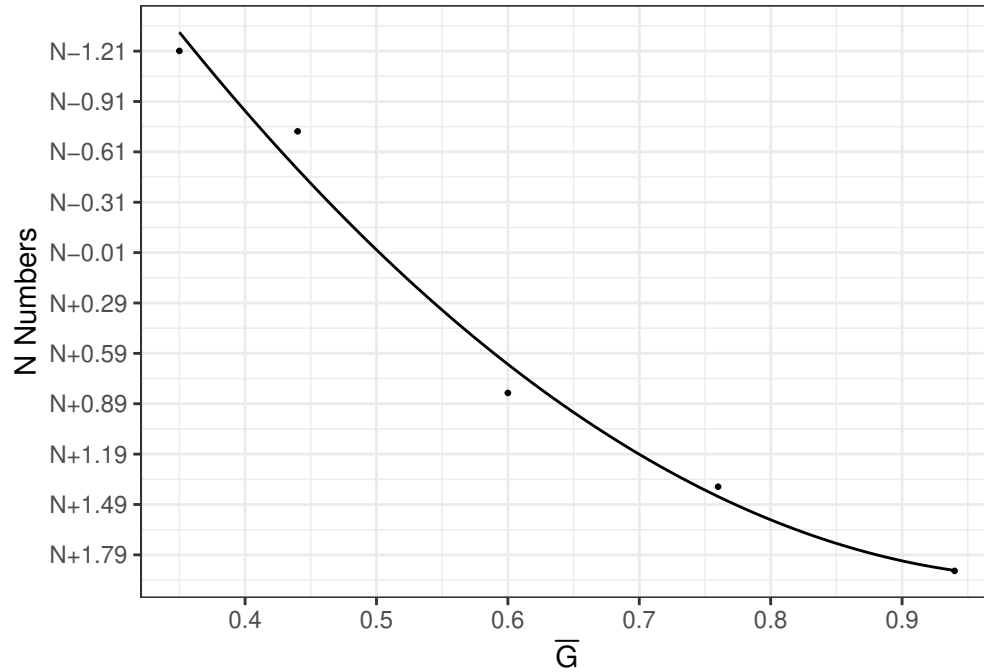
H&D curve for 5.75 min



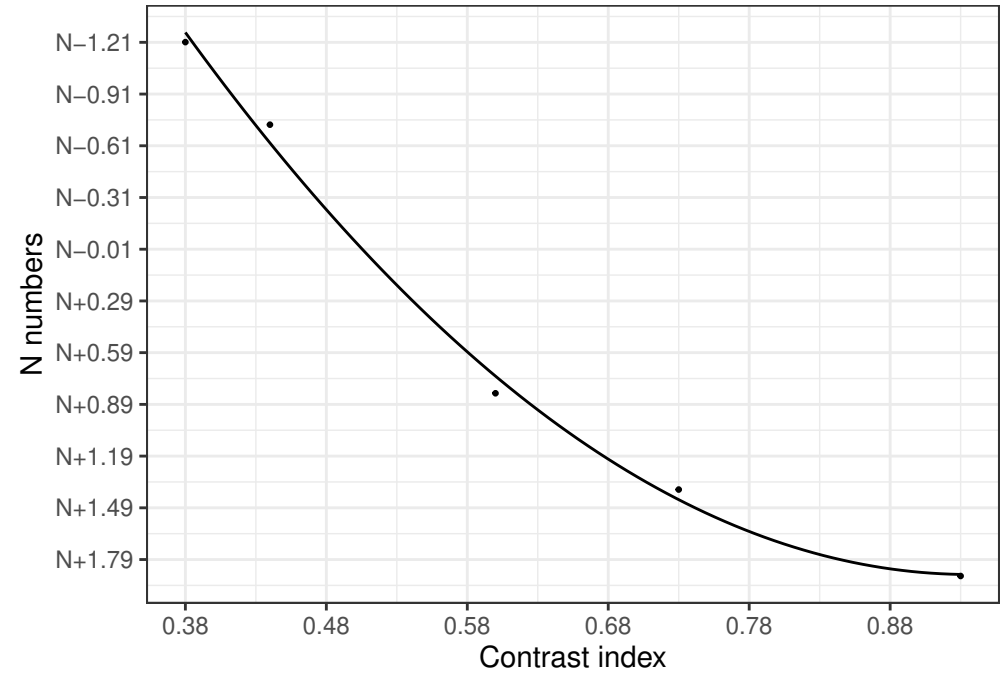
Catlabs Pro 320 / D76 1+1 / 20C



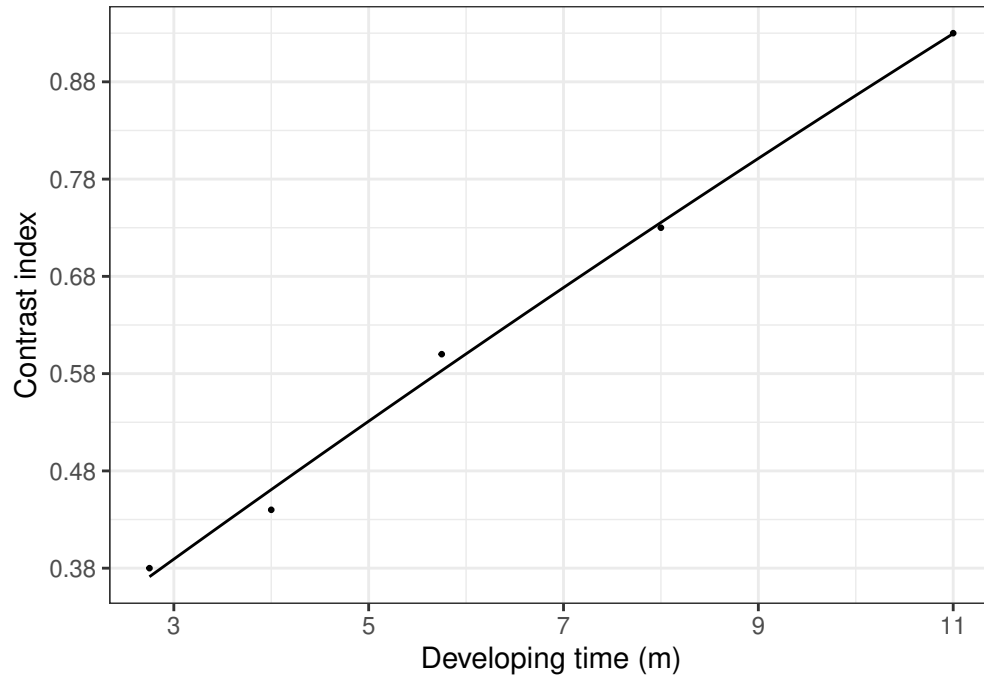
Catlabs Pro 320 / D76 1+1 / 20C



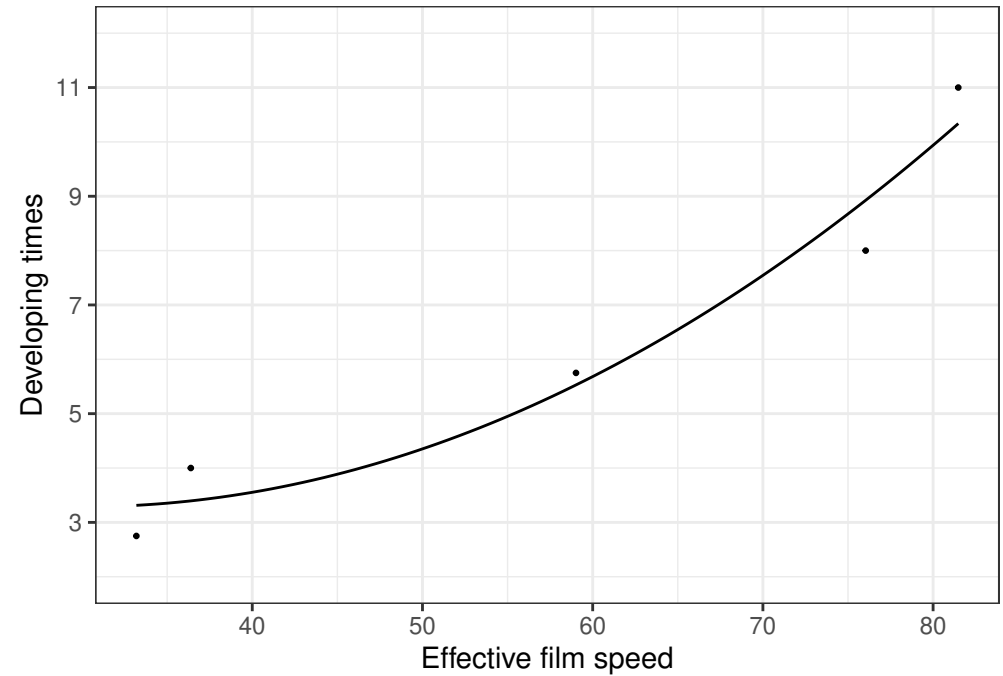
Catlabs Pro 320 / D76 1+1 / 20C



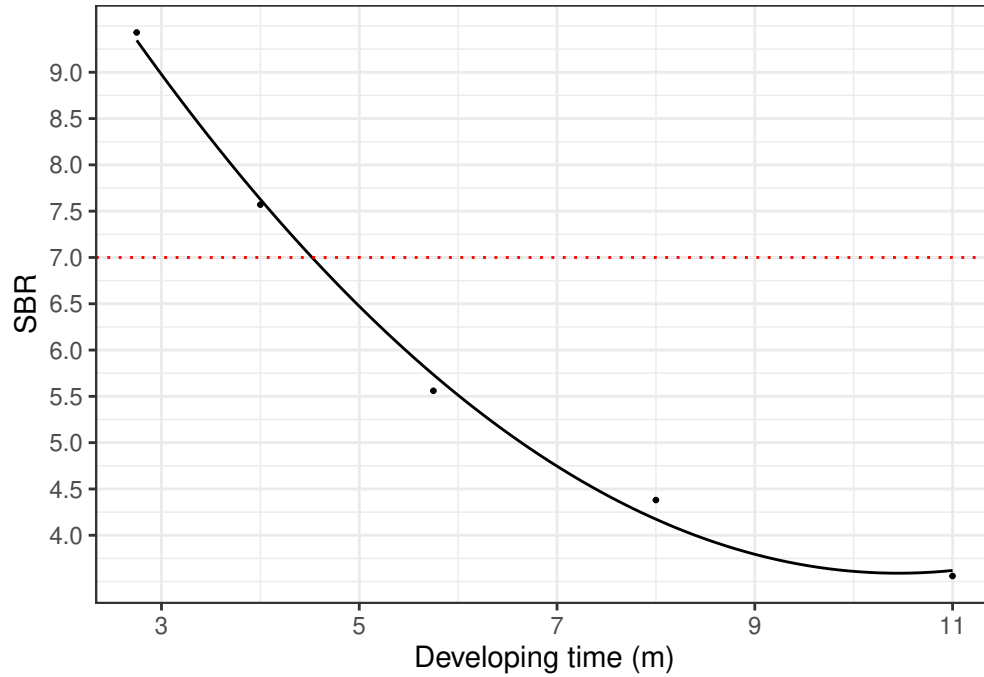
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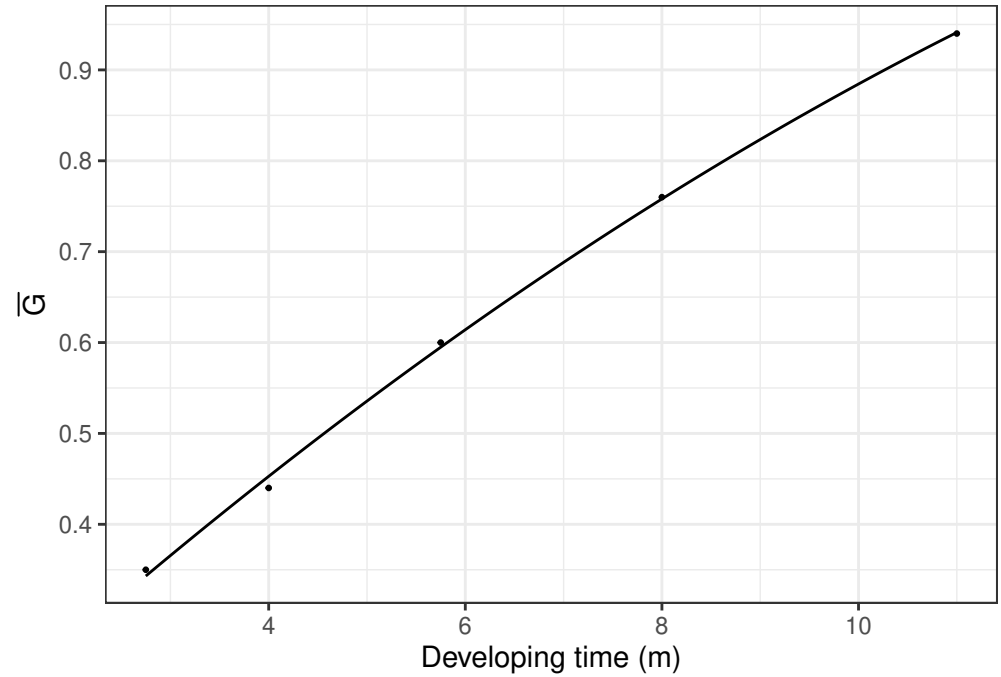
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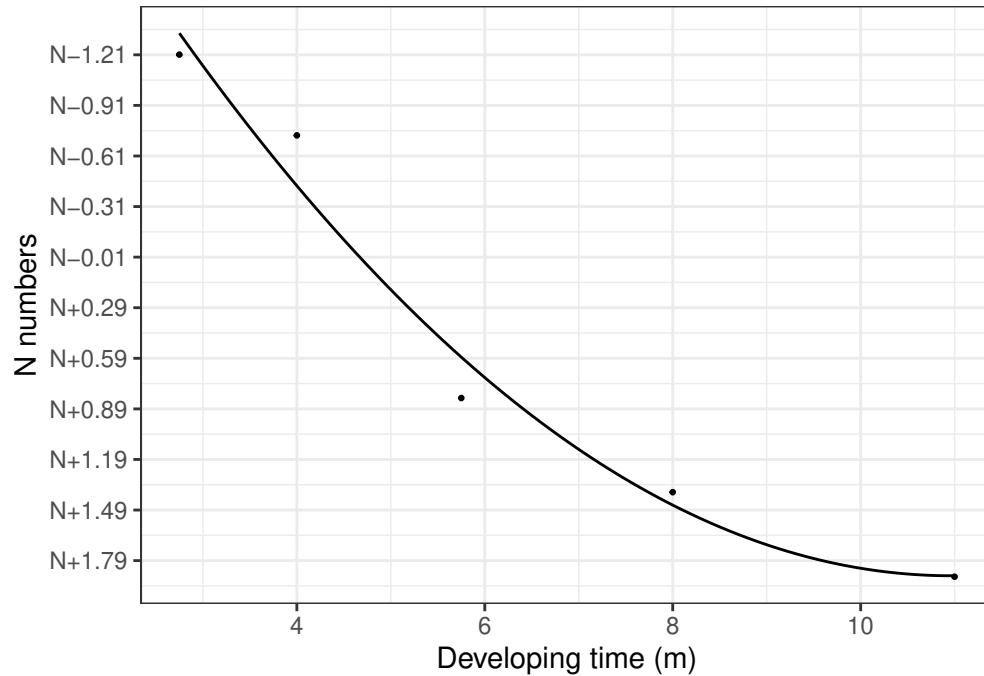
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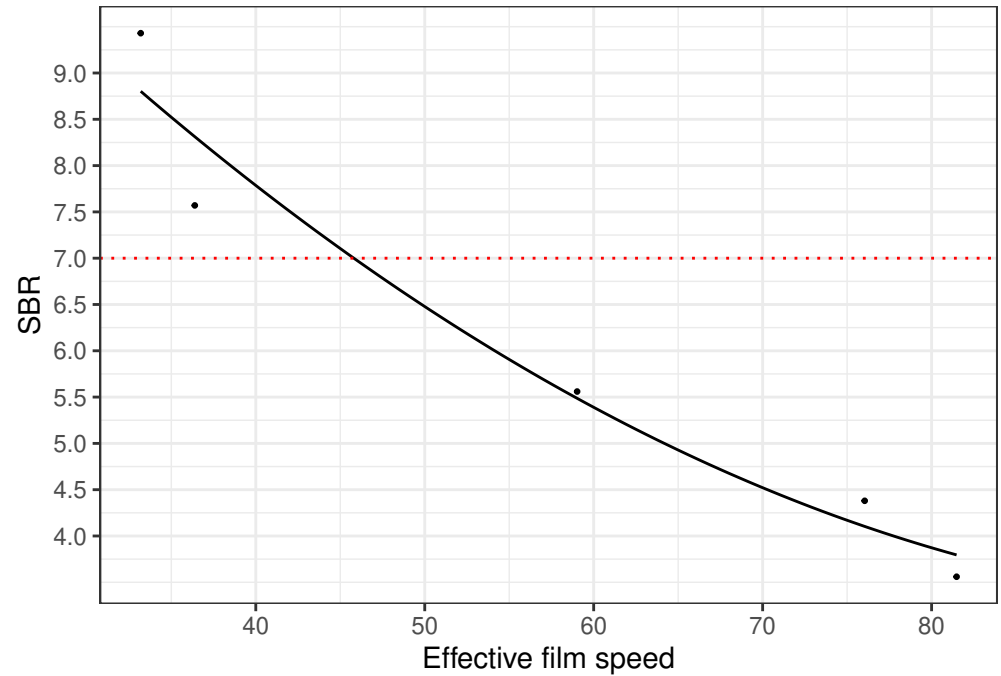
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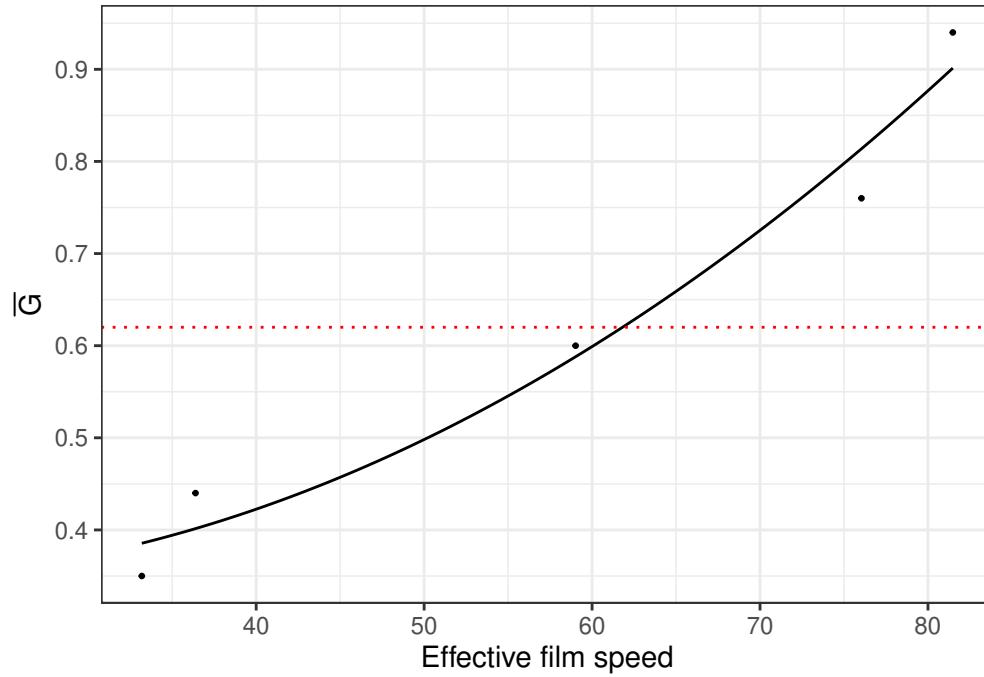
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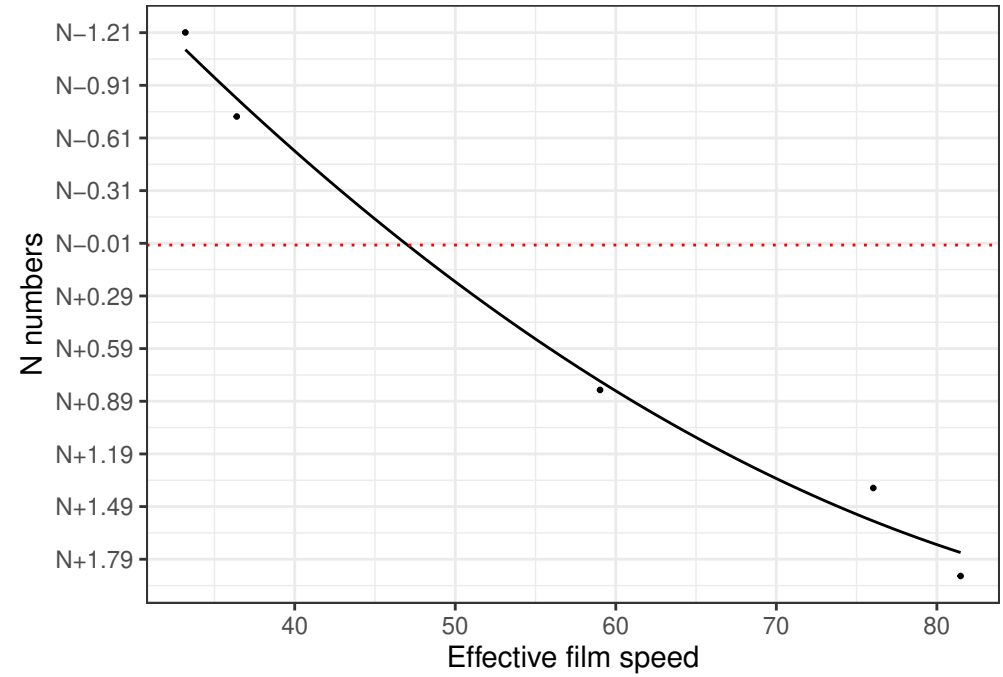
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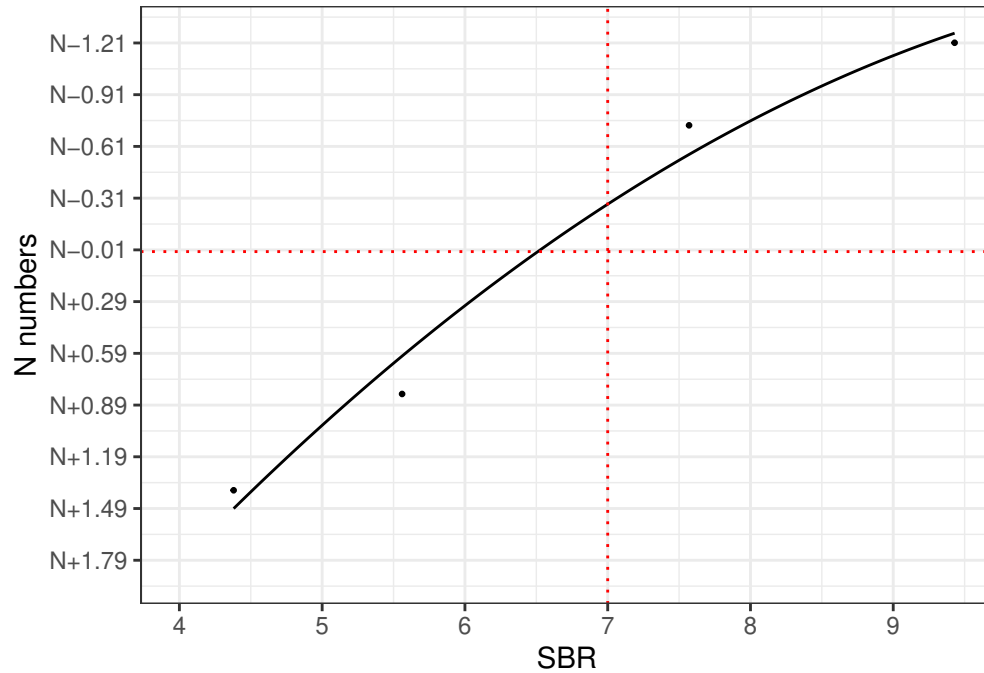
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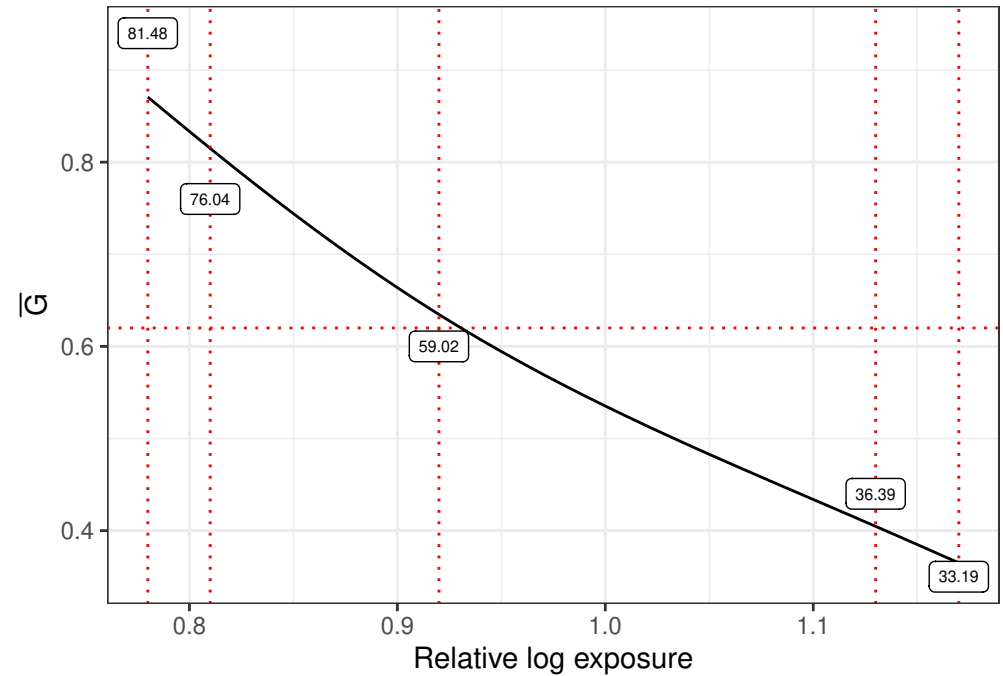
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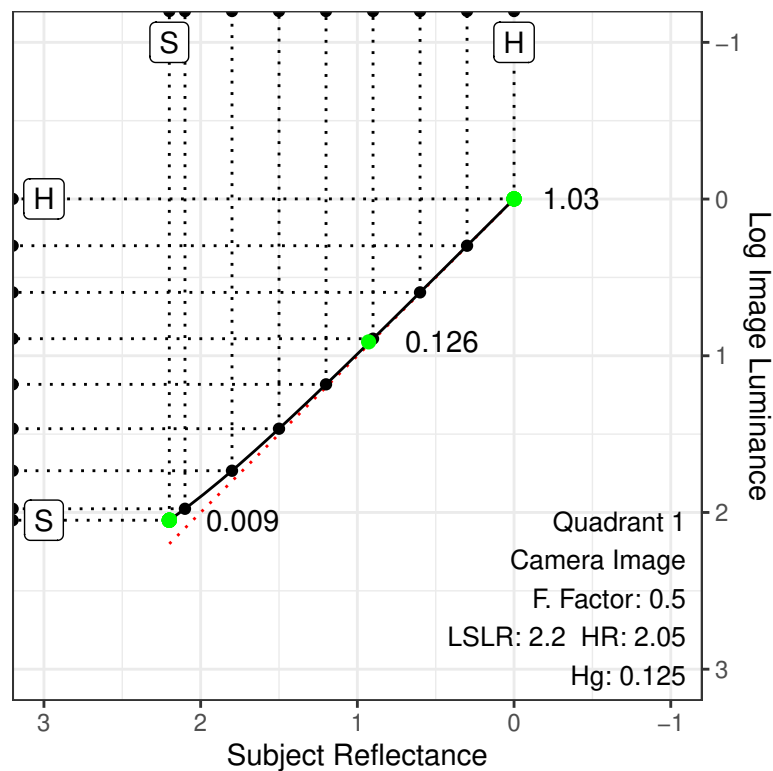
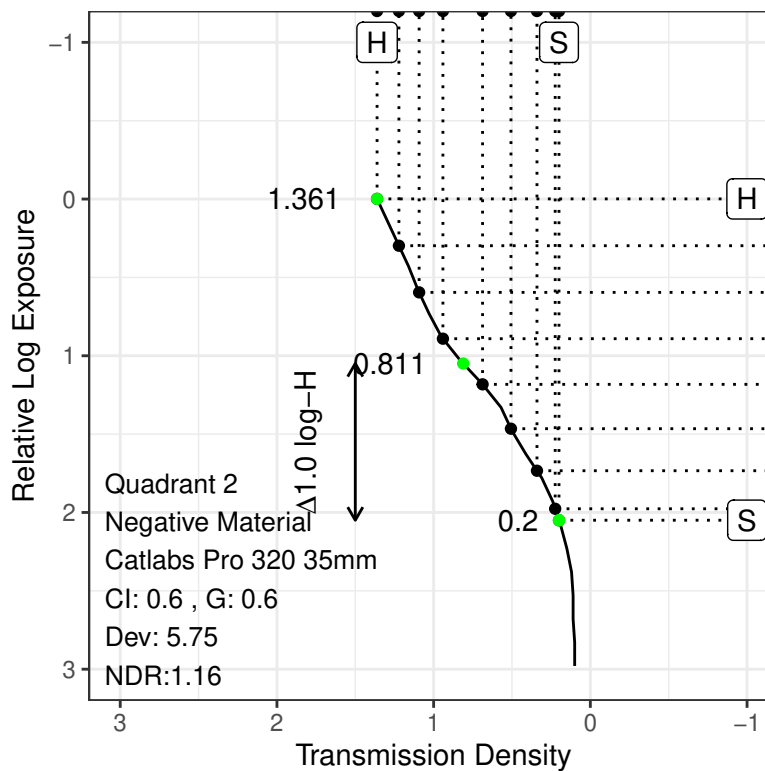
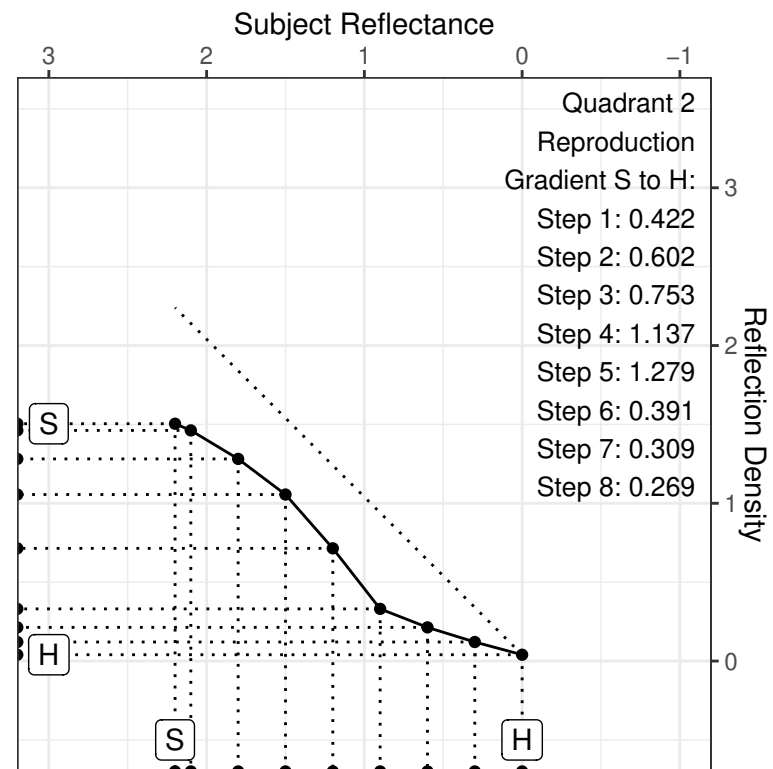
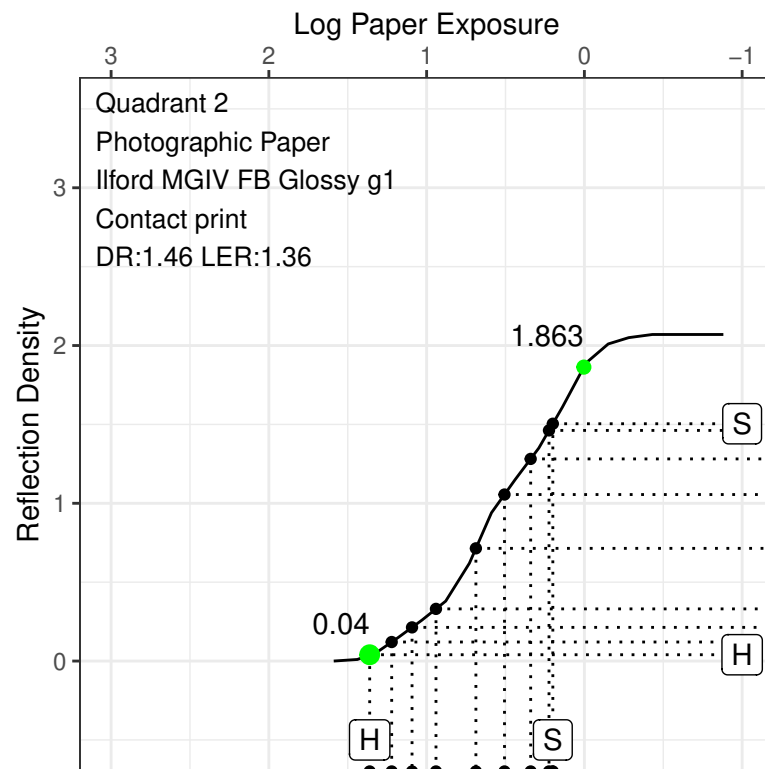
Catlabs Pro 320 / D76 1+1 / 20C



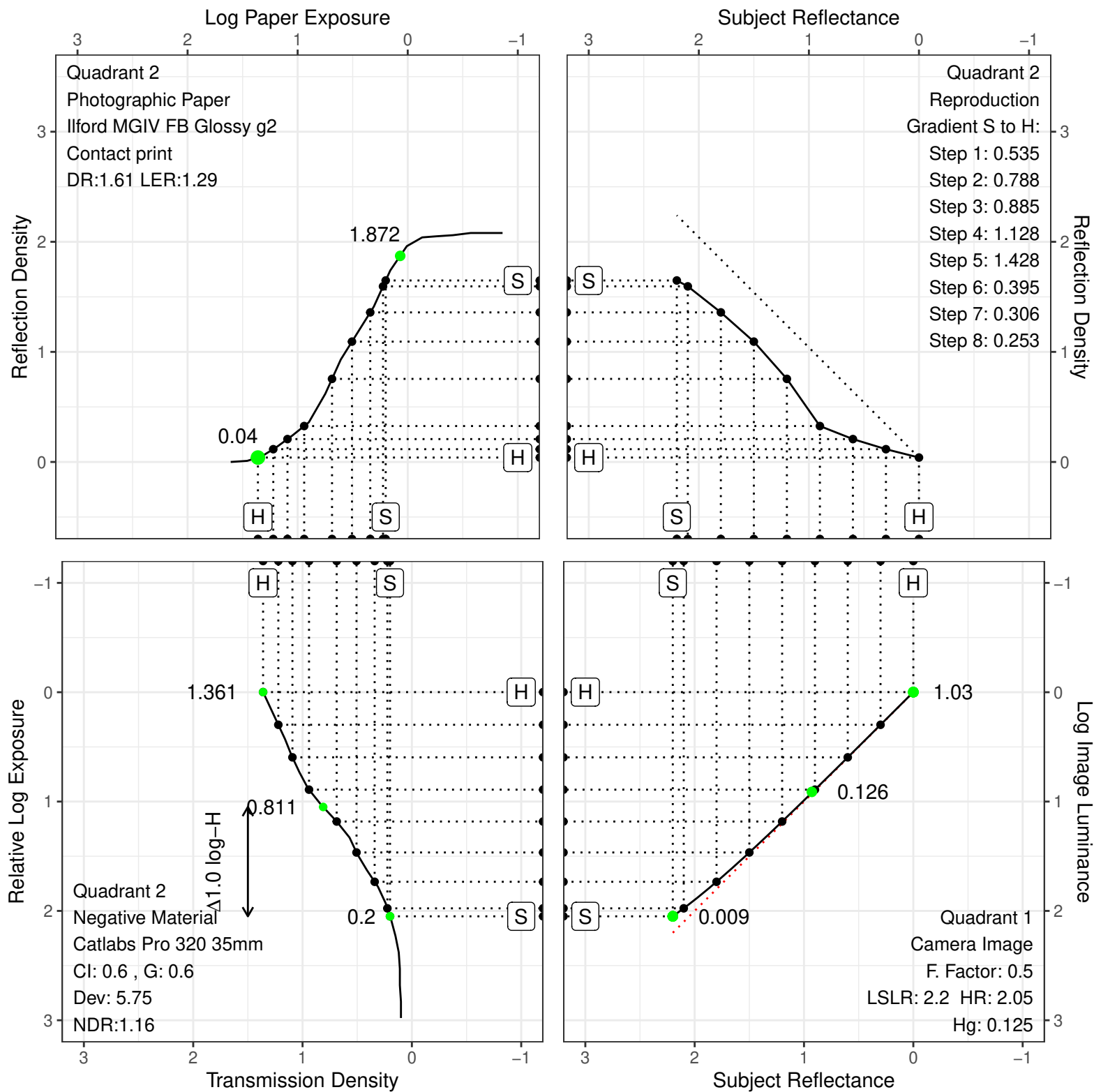
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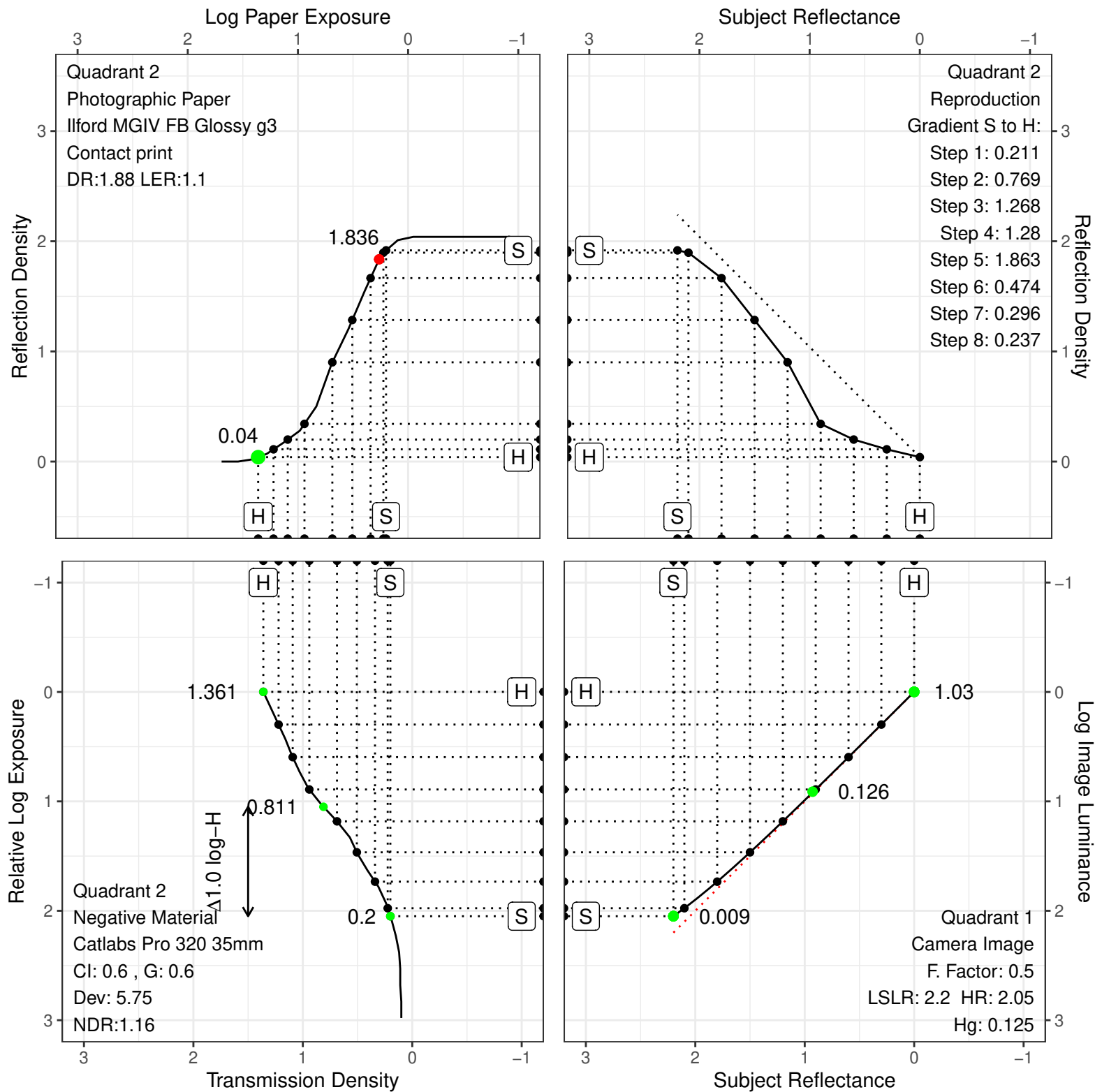
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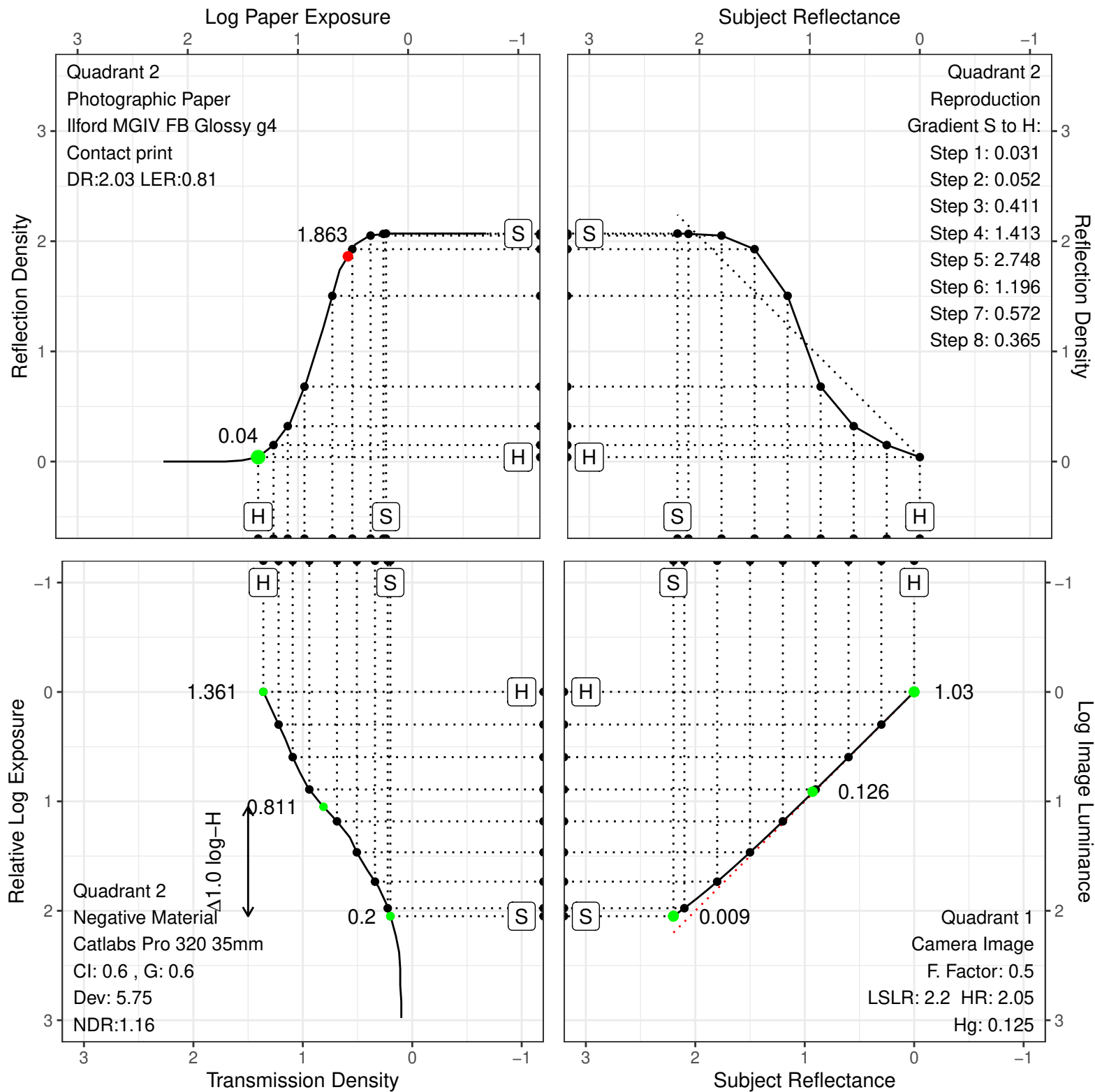
Tone Reproduction Analysis. RD range: 7.3



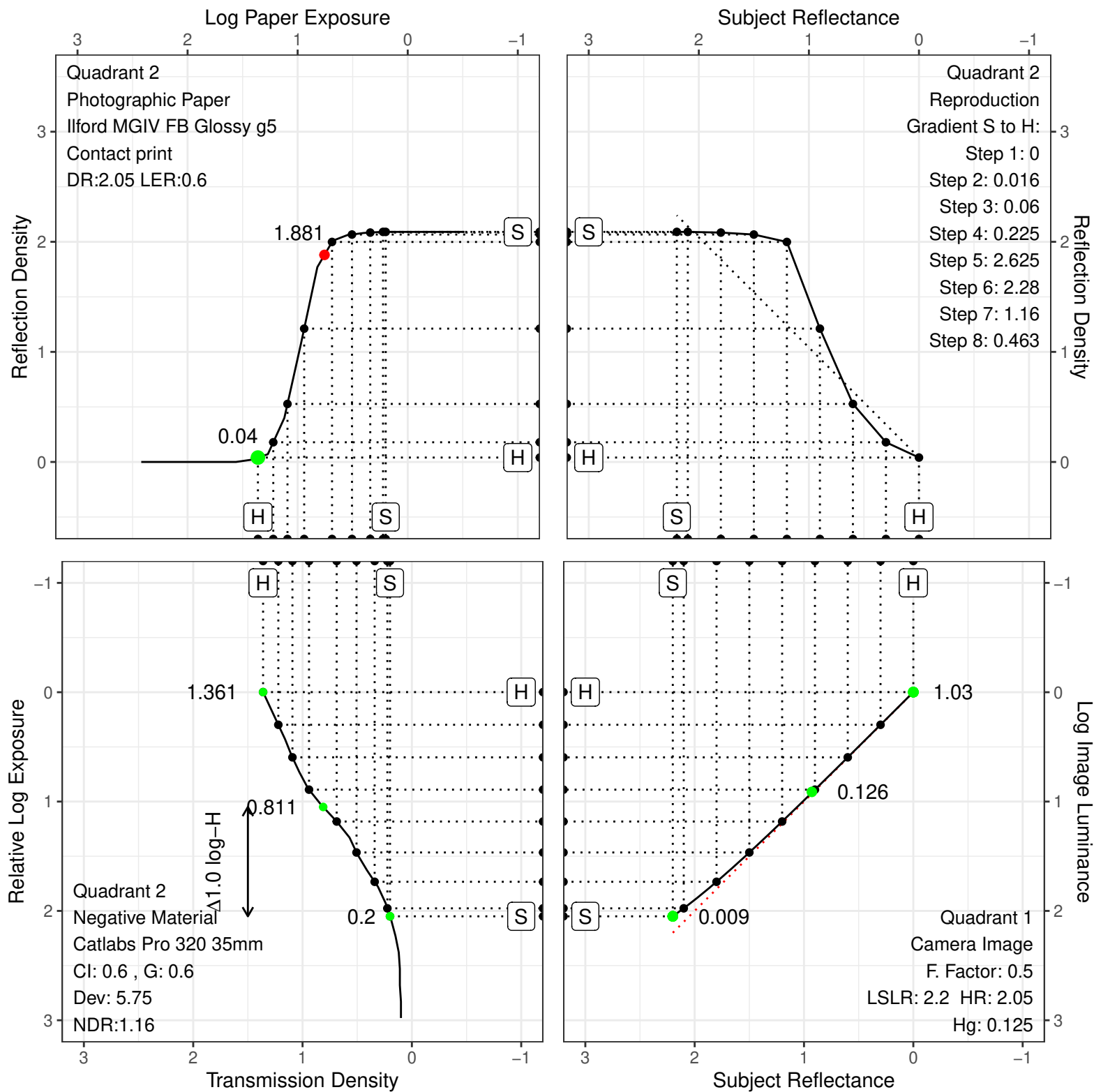
Tone Reproduction Analysis. RD range: 7.3



Tone Reproduction Analysis. RD range: 7.3



Tone Reproduction Analysis. RD range: 7.3



PRO

CatLABS X-FILM 320 PRO

5 0 3 6

CatLABS X-FI

B+F

0.11



▶ 1A

2

CatLABS X-FILM 320 PRO

3

5

0

▶ 3A

6

CatLABS X-FILM 320 PRO

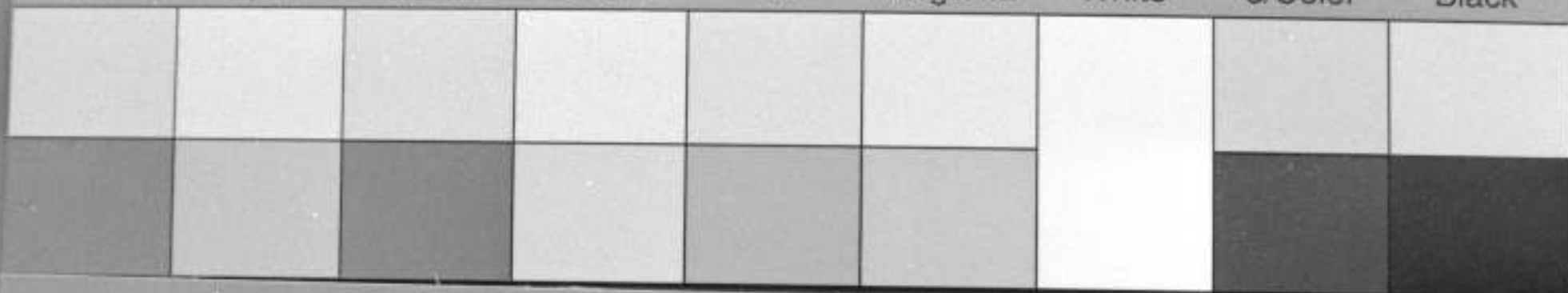
ISO 25
0.26ISO 35
0.21ISO 50
0.14

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

TIFFEN Color Control Patches

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Blue Cyan Green Yellow Red Magenta White 3/Color Black



TIFFEN Gray Scale

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R G B W G K C Y M
A 1 2 3 4 5 6 M 8 9 10 11 12 13 14 15 B 17 18 19

