

Supplemental Table 1. Intra-observer reliability of the meiboscore evaluated by IMI

	Meiboscore (Second evaluation)							Row
	Grade 0	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Totals (%)
Meiboscore								
(First evaluation)								
Grade 0	49	18	3	0	0	0	0	70 (28.0)
Grade 1	12	59	14	0	0	0	0	85 (34.0)
Grade 2	2	5	30	7	0	0	0	44 (17.6)
Grade 3	1	0	1	11	11	1	0	25 (10.0)
Grade 4	0	0	0	1	11	4	0	16 (6.4)
Grade 5	0	0	0	0	3	6	1	10 (4.0)
Column totals (%)	64 (25.6)	82 (32.8)	48 (19.2)	19 (7.6)	25 (10.0)	11 (4.4)	1 (0.4)	250

Numbers in cells represent number of observations; Numbers in parentheses represent percentage of observations; IMI, infrared meibography image.

Supplemental Table 2. Intra-observer reliability of the meiboscore evaluated by RFI

	Meiboscore (Second evaluation)							Row
	Grade 0	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Totals (%)
Meiboscore								
(First evaluation)								
Grade 0	41	14	2	0	0	0	0	57 (22.8)
Grade 1	18	62	9	2	0	0	0	91 (36.4)
Grade 2	0	11	27	7	1	2	0	48 (19.2)
Grade 3	0	0	2	20	5	3	0	30 (12.0)
Grade 4	0	0	0	3	6	2	0	11 (4.4)
Grade 5	0	0	0	0	6	6	1	13 (5.2)
Column totals (%)	59 (23.6)	87 (34.8)	40 (16.0)	32 (12.8)	18 (7.2)	13 (5.2)	1 (0.4)	250

Numbers in cells represent number of observations; Numbers in parentheses represent percentage of observations; RFI, red-filtered image.

Supplemental Table 3. Intra-observer reliability of the meiboscore evaluated by aRFI

	Meiboscore (Second evaluation)							Row
	Grade 0	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Totals (%)
Meiboscore								
(First evaluation)								
Grade 0	41	18	2	0	0	0	0	61 (24.4)
Grade 1	12	62	10	3	0	1	0	88 (35.2)
Grade 2	2	9	35	7	1	0	0	54 (21.6)
Grade 3	0	0	5	15	4	1	0	25 (10.0)
Grade 4	0	0	1	3	5	4	1	14 (5.6)
Grade 5	0	0	0	0	1	4	1	6 (2.4)
Grade 6	0	0	0	0	1	0	1	2 (0.8)
Column totals (%)	55 (22.0)	89 (35.6)	53 (21.2)	28 (11.2)	12 (4.8)	10 (4.0)	3 (1.2)	250

Numbers in cells represent number of observations; Numbers in parentheses represent percentage of observations; aRFI, adjusted red-filtered image.

Supplemental Table 4. Intra-observer reliability of the meiboscore evaluated by RCI

	Meiboscore (Second evaluation)							Row
	Grade 0	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Totals (%)
Meiboscore								
(First evaluation)								
Grade 0	36	23	6	1	2	0	0	68 (27.2)
Grade 1	16	50	11	2	1	0	0	80 (32.0)
Grade 2	1	18	25	6	1	1	0	52 (20.8)
Grade 3	0	0	5	17	4	1	0	27 (10.8)
Grade 4	0	0	1	2	7	4	0	14 (5.6)
Grade 5	0	0	0	0	1	6	1	8 (3.2)
Grade 6	0	0	0	0	0	0	1	1 (0.4)
Column totals (%)	53 (21.2)	91 (36.4)	48 (19.2)	28 (11.2)	16 (6.4)	12 (4.8)	2 (0.8)	250

Numbers in cells represent number of observations; Numbers in parentheses represent percentage of observations; RCI, red-channel image.

Supplemental Table 5. Inter-observer reliability of the meiboscore evaluated by IMI

	Meiboscore (Second evaluator)						Row Totals (%)
	Grade 0	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	
Meiboscore							
(First evaluator)							
Grade 0	11	5	1	1	0	0	18 (14.4)
Grade 1	35	14	7	1	0	0	57 (45.6)
Grade 2	6	9	8	2	1	1	27 (21.6)
Grade 3	0	0	1	6	4	2	13 (10.4)
Grade 4	0	0	0	2	2	4	8 (6.4)
Grade 5	0	0	0	0	1	1	2 (1.6)
Column totals (%)	52 (41.6)	28 (22.4)	17 (13.6)	12 (9.6)	8 (6.4)	8 (6.4)	125

Numbers in cells represent number of observations; Numbers in parentheses represent percentage of observations; IMI, infrared meibography image.

Supplemental Table 6. Inter-observer reliability of the meiboscore evaluated by RFI

	Meiboscore (Second evaluator)						Row Totals
	Grade 0	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	(%)
Meiboscore							
(First evaluator)							
Grade 0	11	2	3	0	0	0	16 (12.8)
Grade 1	27	18	11	0	1	0	57 (45.6)
Grade 2	3	12	6	2	1	0	24 (19.2)
Grade 3	0	2	3	6	4	6	21 (16.8)
Grade 4	0	0	1	1	1	1	4 (3.2)
Grade 5	0	0	0	0	0	3	3 (2.4)
Column totals (%)	41 (32.8)	34 (27.2)	24 (19.2)	9 (7.2)	7 (5.6)	10 (8.0)	125

Numbers in cells represent number of observations; Numbers in parentheses represent percentage of observations; RFI, red-filtered image.

Supplemental Table 7. Inter-observer reliability of the meiboscore evaluated by aRFI

	Meiboscore (Second evaluation)							Row
	Grade 0	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Totals (%)
Meiboscore								
(First evaluation)								
Grade 0	11	2	1	1	0	0	0	15 (12.0)
Grade 1	27	19	5	1	0	0	0	52 (41.6)
Grade 2	7	15	7	3	4	1	0	37 (29.6)
Grade 3	1	0	4	4	1	2	1	13 (10.4)
Grade 4	0	0	0	3	2	2	0	7 (5.6)
Grade 5	0	0	0	0	0	0	1	1 (0.8)
Column totals (%)	46 (36.8)	36 (28.8)	17 (13.6)	12 (9.6)	7 (5.6)	5 (4.0)	2 (1.6)	125

Numbers in cells represent number of observations; Numbers in parentheses represent percentage of observations; aRFI, adjusted red-filtered image.

Supplemental Table 8. Inter-observer reliability of the meiboscore evaluated by RCI

	Meiboscore (Second evaluation)							Row
	Grade 0	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Totals (%)
Meiboscore								
(First evaluation)								
Grade 0	9	2	1	1	0	0	0	13 (10.4)
Grade 1	31	13	8	1	1	0	0	54 (43.2)
Grade 2	15	8	7	2	2	1	0	35 (28.0)
Grade 3	0	3	1	4	5	3	0	16 (12.8)
Grade 4	0	0	0	3	0	2	1	6 (4.8)
Grade 5	0	0	0	0	0	1	0	1 (0.8)
Column totals (%)	55 (44.0)	26 (20.8)	17 (13.6)	11 (8.8)	8 (6.4)	7 (5.6)	1 (0.8)	125

Numbers in cells represent number of observations; Numbers in parentheses represent percentage of observations; RCI, red-channel image.