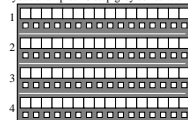**Equality of grey series by four grey definitions (Yes/No decision)**
Layout example: 16 step grey series with four grey definitions **Any display and FF_CM**

There are two basic colours on each page:
Black N and White W in mean grey background.

There are adjacent (upper row)
and separate grey samples (lower row).
This gives eight grey series.

In each columne the four adjacent greys
should be equal.

The four grey series are defined by four
different PS-operators.

Black N   16 steps   White W

This test uses only the four upper adjacent grey series N–W.
For the upper grey series and in each columne the four greys should be equal for **all** the 16 steps.
Are in each columne the four greys for all the 16 steps equal?   underline: **Yes**/No
Only in case of "No": inapplicable
Is now no. 3 most different compared to all others ?   underline: Yes/No
Are the series no. 1, no. 2, and no. 4 equal?   underline: Yes/No
   Only in case of "No":
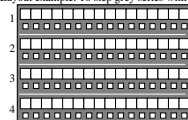   Are the rows no. 2 and no. 4 equal ?   underline: Yes/No
Remarks: , use: **http://130.149.60.45/~farbmetrik/OE00/OE00LMNA.PDF**
(Application of FF_CM, pages 11–22)
Part 1   LE980–3, De130–3

Equality of grey series by four grey definitions (Yes/No decision)
Layout example: 16 step grey series with four grey definitions **Any printer and FF_CM**

There are two basic colours on each page:
Black N and White W in mean grey background.

There are adjacent (upper row)
and separate grey samples (lower row).
This gives eight grey series.

In each columne the four adjacent greys
should be equal.

The four grey series are defined by four
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Black N   16 steps   White W

This test uses only the four upper adjacent grey series N–W.
For the upper grey series and in each columne the four greys should be equal for **all** the 16 steps.
Are in each columne the four greys for all the 16 steps equal?   underline: Yes/**No**
Only in case of "No": inapplicable
Is now no. 3 most different compared to all others ?   underline: Yes/No
Are the series no. 1, no. 2, and no. 4 equal?   underline: Yes/No
   Only in case of "No":
   Are the rows no. 2 and no. 4 equal ?   underline: Yes/No
Remarks: , use: **http://130.149.60.45/~farbmetrik/OE00/OE00LMNA.PDF**
(Application of FF_CM, pages 11–22)
Part 3   LE981–3, De131–3

Discriminability of 16 step grey series by four grey definitions (Yes/No decision)
Layout example: 16 step grey series with four grey definitions **Any display and FF_CM**

There are two basic colours on each page:
Black N and White W in mean grey background.

There are adjacent (upper row)
and separate grey samples (lower row).
This gives eight grey series.

The adjacent and separated are identical.
Separated greys are less distiguishable.

Any grey colour is defined by four different
PS-operators in four rows

Black N 16 steps, 15 differences   White W

All the 16 steps of the eight series N–W should be distinguishable
Are all 15 grey differences of the eight rows distinguishable?   underline: **Yes**/No
Only in case of "No": inapplicable, up to now only realized for 9 step colour scales
Test of adjacent grey samples (four upper rows):
Are the 15 grey differences of the four upper rows ?   underline: Yes/No
   Only in case of "No":
   Are the 15 grey differences of series no. 1 distinguishable?   underline: Yes/No
   Are the 15 grey differences of series no. 2 distinguishable?   underline: Yes/No
   Are the 15 grey differences of series no. 3 distinguishable?   underline: Yes/No
   Are the 15 grey differences of series no. 4 distinguishable?   underline: Yes/No
Remarks: , use: **http://130.149.60.45/~farbmetrik/OE00/OE00LMNA.PDF**
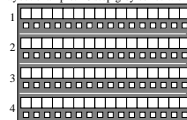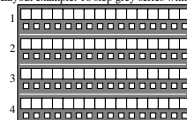**(Application of FF_CM, pages 11–22)**
Part 2   LE980–7, De131–7

Discriminability of 16 step grey series by four grey definitions (Yes/No decision)
Layout example: 16 step grey series with four grey definitions **Any printer and FF_CM**

There are two basic colours on each page:
Black N and White W in mean grey background.

There are adjacent (upper row)
and separate grey samples (lower row).
This gives eight grey series.

The adjacent and separated are identical.
Separated greys are less distiguishable.

Any grey colour is defined by four different
PS-operators in four rows

Black N 16 steps, 15 differences   White W

All the 16 steps of the eight series N–W should be distinguishable
Are all 15 grey differences of the eight rows distinguishable?   underline: Yes/**No**
Only in case of "No": inapplicable, up to now only realized for 9 step colour scales
Test of adjacent grey samples (four upper rows):
Are the 15 grey differences of the four upper rows ?   underline: Yes/**No**
   Only in case of "No":
   Are the 15 grey differences of series no. 1 distinguishable?   underline: Yes/No
   Are the 15 grey differences of series no. 2 distinguishable?   underline: Yes/No
   Are the 15 grey differences of series no. 3 distinguishable?   underline: Yes/No
   Are the 15 grey differences of series no. 4 distinguishable?   underline: Yes/No
Remarks: , use: **http://130.149.60.45/~farbmetrik/OE00/OE00LMNA.PDF**
(Application of FF_CM, pages 11–22)
Part 4   LE981–7, De131–7

All displays and printers, Equality of grey scales and
discriminability of grey scales (Two Yes/No decisions)

input: *000n, w, nnn0, www*
output: −>(*000n, w, nnn0, www*d)