Transformed Up-Down Method (1 up/2 down rule)

using the simple up/down rule until the first (neglected) reversal

Reference: www.Bedienhaptik.de
Dr. Manuel Kuehner

- **Answers**
- **Stimulus detected**
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- **Answers**
- **Stimulus detected**
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Graph:
- X-axis: Trial Number
- Y-axis: Stimulus Intensity
- Line: Answers
- Square: Stimulus detected
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- **Answers**
- **Stimulus detected**
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Graph:
- Y-axis: Stimulus Intensity (x)
- X-axis: Trial Number
- Line: Answers
- □: Stimulus detected
- □: Stimulus not detected
- ○: Reversal $R_i$
Transformed Up-Down Method (1 up/2 down rule)

using the simple up/down rule until the first (neglected) reversal

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Graph showing the Stimulus Intensity x Trial Number relationship with points indicating Stimulus detected, Stimulus not detected, and Reversal $R_i$. The graph illustrates the method of up-down trials until the first reversal is observed.
Transformed Up-Down Method (1 up/2 down rule)

using the simple up/down rule until the first (neglected) reversal

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Dr. Manuel Kuehner

- **Answers**
- **Stimulus detected**
- **Stimulus not detected**
- **Reversal** $R_i$
Transformed Up-Down Method (1 up/2 down rule)

using the simple up/down rule until the first (neglected) reversal

Reference: www.Bedienhaptik.de
Dr. Manuel Kuehner

- **Answers**
- **Stimulus detected**
- **Stimulus not detected**
- **Reversal $R_i$**
Transformed Up-Down Method (1 up/2 down rule)

using the simple up/down rule until the first (neglected) reversal

Reference: www.Bedienhaptik.de
Dr. Manuel Kuehner

- **Answers**
  - **Stimulus detected**
  - **Stimulus not detected**
  - **Reversal $R_i$**
**Transformed Up-Down Method (1 up/2 down rule)**

using the simple up/down rule until the first (neglected) reversal

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![Graph](#)

- **Answers**
- **Stimulus detected**
- **Stimulus not detected**
- **Reversal** $R_i$
Transformed Up-Down Method (1 up/2 down rule)

using the simple up/down rule until the first (neglected) reversal

Reference: www.Bedienhaptik.de
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- **Answers**
  - **Stimulus detected**
  - **Stimulus not detected**
  - **Reversal** $R_i$
Transformed Up-Down Method (1 up/2 down rule) using the simple up/down rule until the first (neglected) reversal
Transformed Up-Down Method (1 up/2 down rule)

using the simple up/down rule until the first (neglected) reversal

Reference: www.Bedienhaptik.de
Dr. Manuel Kuehner

- **Answers**: Stimulus detected
- **Stimulus not detected**: Stimulus not detected
- **Reversal $R_i$**: Reversal $R_i$
Transformed Up-Down Method (1 up/2 down rule)

using the simple up/down rule until the first (neglected) reversal

Reference: www.Bedienhaptik.de
Dr. Manuel Kuehner

- Stimulus detected
- Stimulus not detected
- Reversal $R_i$
Transformed Up-Down Method (1 up/2 down rule)
using the simple up/down rule until the first (neglected) reversal

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Dr. Manuel Kuehner

- **Answers**
- **Stimulus detected**
- **Stimulus not detected**
- **Reversal $R_i$**
Transformed Up-Down Method (1 up/2 down rule)

using the simple up/down rule until the first (neglected) reversal

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**Answers**
- **Stimulus detected**
- **Stimulus not detected**
- **Reversal** $R_i$

**Stimulus Intensity $x$**

**Trial Number**

$R_*$ $R_1$ $R_2$ $R_3$ $R_4$
Transformed Up-Down Method (1 up/2 down rule) using the simple up/down rule until the first (neglected) reversal

Reference: www.Bedienhaptik.de
Dr. Manuel Kuehner

Answers
- Stimulus detected
- Stimulus not detected
- Reversal $R_i$
Transformed Up-Down Method (1 up/2 down rule)

using the simple up/down rule until the first (neglected) reversal

Reference: www.Bedienhaptik.de
Dr. Manuel Kuehner

- **Answers**
  - ■ Stimulus detected
  - □ Stimulus not detected
  - ○ Reversal $R_i$
Transformed Up-Down Method (1 up/2 down rule)
using the simple up/down rule until the first (neglected) reversal

Reference: www.Bedienhaptik.de
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- **Answers**
  - ■ Stimulus detected
  - □ Stimulus not detected
  - ○ Reversal $R_i$
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[Graph showing the Transformed Up-Down Method with points marked as R* for stimulus detections and R_i for reversals.]

- **Answers**
- **Stimulus detected**
- **Stimulus not detected**
- **Reversal R_i**
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Stimulus Intensity $x$

Trial Number

Answers
- ■ Stimulus detected
- □ Stimulus not detected
- ○ Reversal $R_i$
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Stimulus Intensity $x$

Trial Number

Answers
- ■ Stimulus detected
- □ Stimulus not detected
- ○ Reversal $R_i$
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<table>
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<th>Answers</th>
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<td>Stimulus detected</td>
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- $R_1$
- $R_2$
- $R_3$
- $R_4$
- $R_5$
- $R_*$
Threshold is estimated by averaging the stimulus intensities at the six reversal points.

Reference: www.Bedienhaptik.de
Dr. Manuel Kuehner