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Speed-Accuracy Tradeoff of Fingertip Force Control with
Visual/Audio/Haptic Feedback

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Highlights

- Fingertip force control process obeyed Fitts' law in each single sensory modality (visual/audio/haptic) when the difficulty level was within a specific range.
- The response time in the audio feedback mode was the shortest among the three feedback conditions while that in the haptic feedback mode was the longest.
- The Linear model has the best fit in all three feedback modes among all three models.

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