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# The effect of brain mass and moment of inertia on relative brain-skull displacement during low-severity impacts

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ensure that conclusions are not drawn from individual data points at which injury predictions are highly sensitive to small parameter changes.

Q Key words: [Head impact](#) [sensitivity analysis](#) [analytical method](#) [finite element method](#)  
[brain displacement](#) [brain mass](#) [brain moment of inertia](#)

## Notes

<sup>a</sup> K, bulk modulus.

<sup>b</sup> EA, force/unit strain.

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