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Debiased orbit and absolute-magnitude distributions for near-Earth objects

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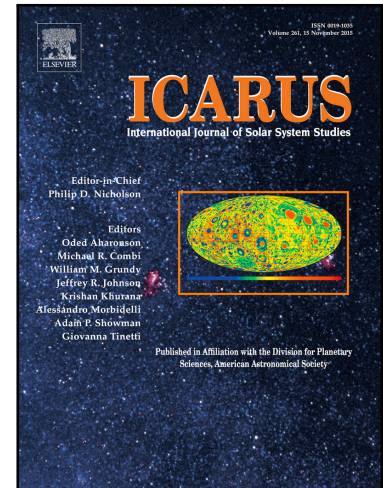
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Highlights

- We provide a four-dimensional debiased orbit and absolute-magnitude distribution for near-Earth objects.
- The model provides information on the relative importance of NEO escape regions in the main asteroid belt and cometary region.
- The absolute-magnitude distribution is in agreement with other recent estimates.
- The orbit distribution changes with the absolute magnitude.
- The long-term rate of asteroid impacts on the Earth is in agreement with previous estimates.

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