



## *Supplement of*

# **The relative contributions of scattering and viscoelasticity to the attenuation of S waves in Earth's mantle**

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  - MODEL2
    - \* 3D\_seis\_S20RTSexp10km\_cut.txt
    - \* 3D\_seis\_S20RTSexp10km\_cut RAND2.txt
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  - MODEL3
    - \* 3D\_seis\_CTZ2018CMB\_off\_cut.txt
    - \* 3D\_seis\_CTZ2018CMB\_off\_cut RAND2.txt
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    - \* 3D\_seis\_CTZ2018CMBv1\_A0\_cut.txt
    - \* 3D\_seis\_CTZ2018CMBv1\_A0\_cut RAND2.txt

- \* 3D\_seis\_CTZ2018CMBv1\_A0\_cut\_RAND3.txt
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