**Results of backbone factors surveys**

**At the 16th European Conference on Earthquake Engineering**

During my Theme Lecture on 18th June 2018 at this conference ([https://link.springer.com/chapter/10.1007%2F978-3-319-75741-4\_6](https://link.springer.com/chapter/10.1007/978-3-319-75741-4_6)) I conducted an online survey using mentimeter.com to ask for the audience’s expert judgement on the scaling factors to employ within a backbone approach for ground-motion prediction.

The resulting average scaling factors (to the nearest 0.1) from six people are:

For active crustal regions:

 Lower branch =0.5

 Upper branch =1.8

 For stable continental regions:

 Lower branch =0.3

 Upper branch = 1.0

**At the Journées Luxembourgeoises de Géodynamique 2019/SERA meeting**

At this meeting in March 2019 I also conducted similar online survey but with slightly different questions. The resulting average scaling factors (to the nearest 0.1) from three people are:

For Italy:

 Lower branch =0.2

 Upper branch =0.7

 For UK:

 Lower branch =0.5

 Upper branch = 4.7

 For Finland:

 Lower branch =0.3

 Upper branch = 5.0