

## ***Interactive comment on “Fully probabilistic seismic source inversion – Part 1: Efficient parameterisation” by S. C. Stähler and K. Sigloch***

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Dear authors, The idea to restrain the search of the STF to a limited number a orthogonal functions seems very good. But I have a comment on the shape of these wavelets. It seems that it will favor a dominant peak at the beginning rather than later in time. Is it in fact the case ? If yes, it could bias the results for earthquakes with a slow start ( let's say slow moment release for 5s and then an impulsive peak later) ? Or maybe you have observed that the latter behaviour is not so common ?

Martin Vallée

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Interactive comment on Solid Earth Discuss., 5, 1125, 2013.