





## **Fixed and Variable Model Parameters**

Given	Fixed	Variable
Magnitude (moment)	Hypocenter	Rupture time (x,y)
Fault geometry (L, W, dip)	Q=Q <sub>o</sub> f <sup>n</sup>	Slip magnitude (x,y)
Velocity/density structure	Scattering, absorption coefficient	Site kappa (region- specific, from literature)
		Merging frequency (magnitude dependent, rule-based)













































## Summary

- 3 scenarios completed (RL, Sa, Tottori)
- Generally bias within ± 1 for periods 0.05-10s
- Reasonable fit of PGVs vs distance
- Generally good BB velocity time history fit to data

Issues for further discussion:

- Which kappa to use?
- Site amplification (region specific)?



