

Logic Tree of PhiSS Node for Subduction Source

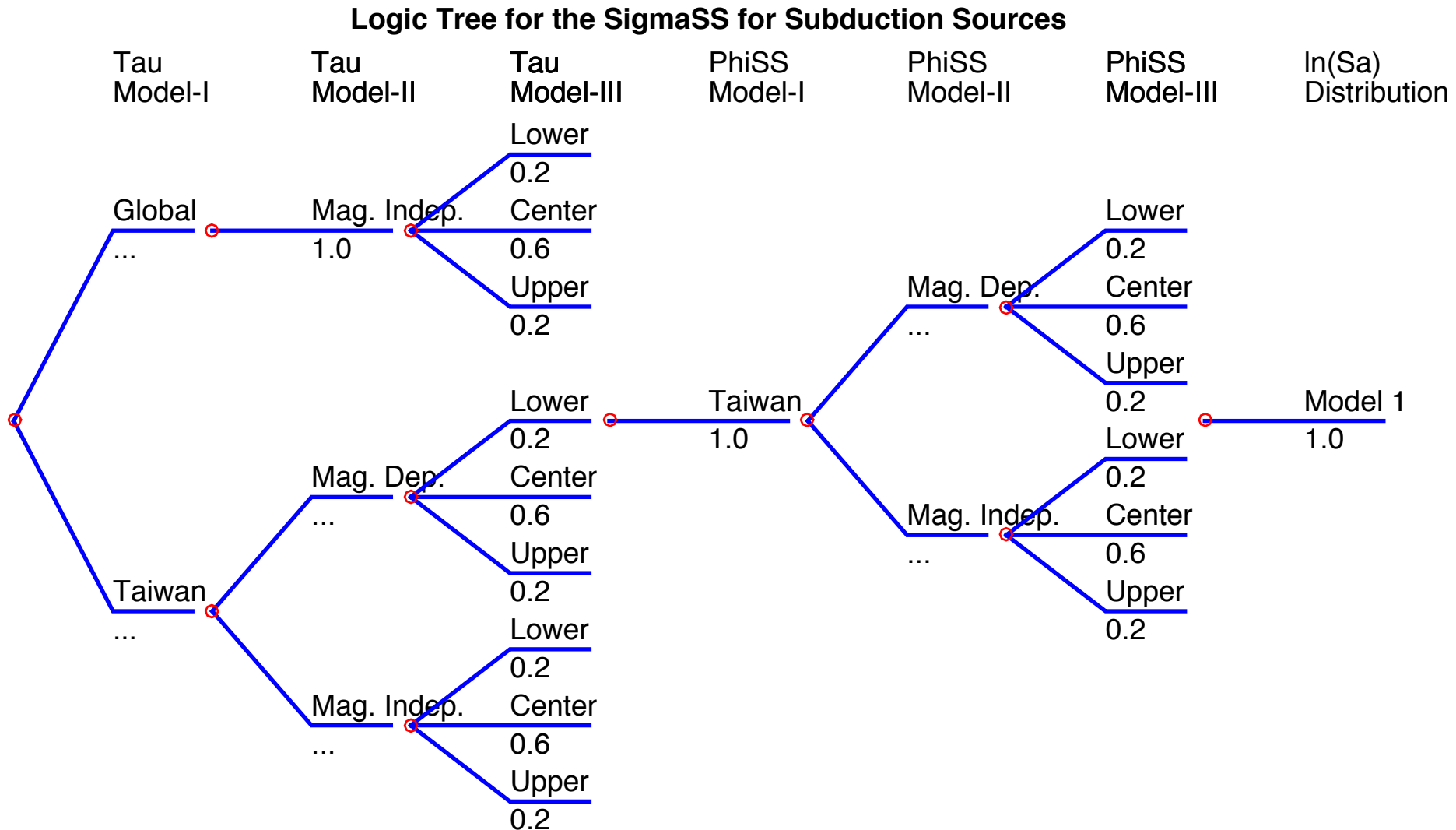
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GMC TI**

**Taiwan SSHAC Level 3 PSHA Study
Taipei, Taiwan**

Content

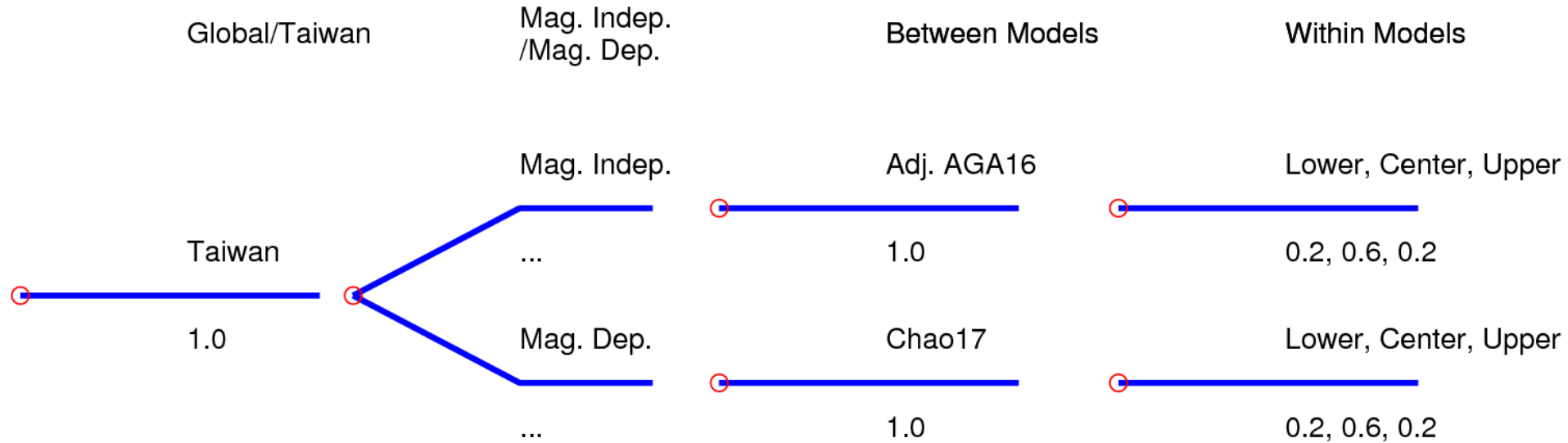
- **Logic Tree of PhiSS Node for Subduction Sources**
- **List of PhiSS Models with TDIs for Subduction Sources**
- **Develop Logic Tree of PhiSS Models for Subduction Sources**
- **Comparison of PhiSS Models for Subduction Sources**

Logic Tree of the SigmaSS for Subduction Source



Logic Tree of PhiSS Node for Subduction Event

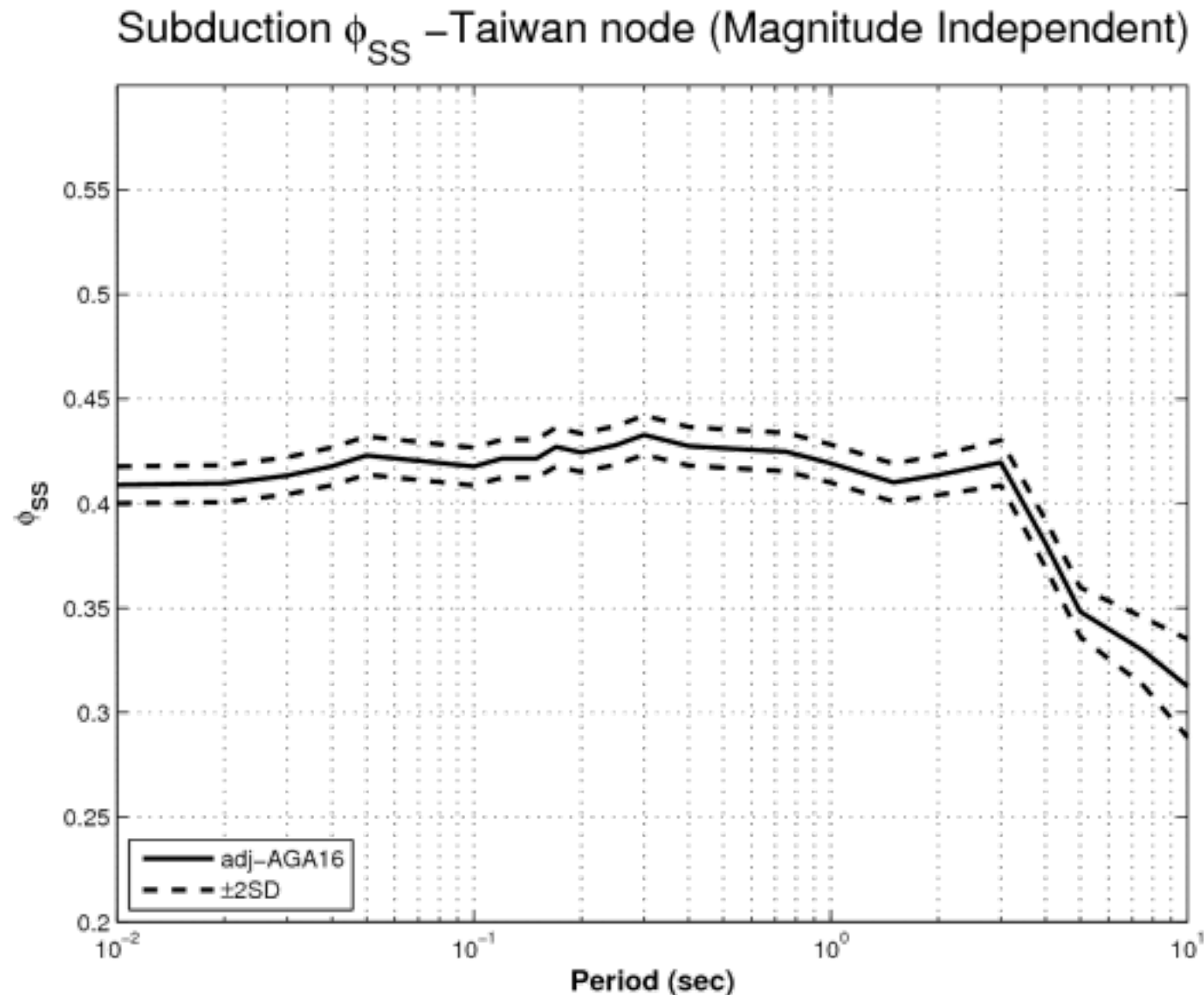
Logic Tree of Phiss Node for Subduction Event



List of PhiSS Models with TDIs for Subduction Sources

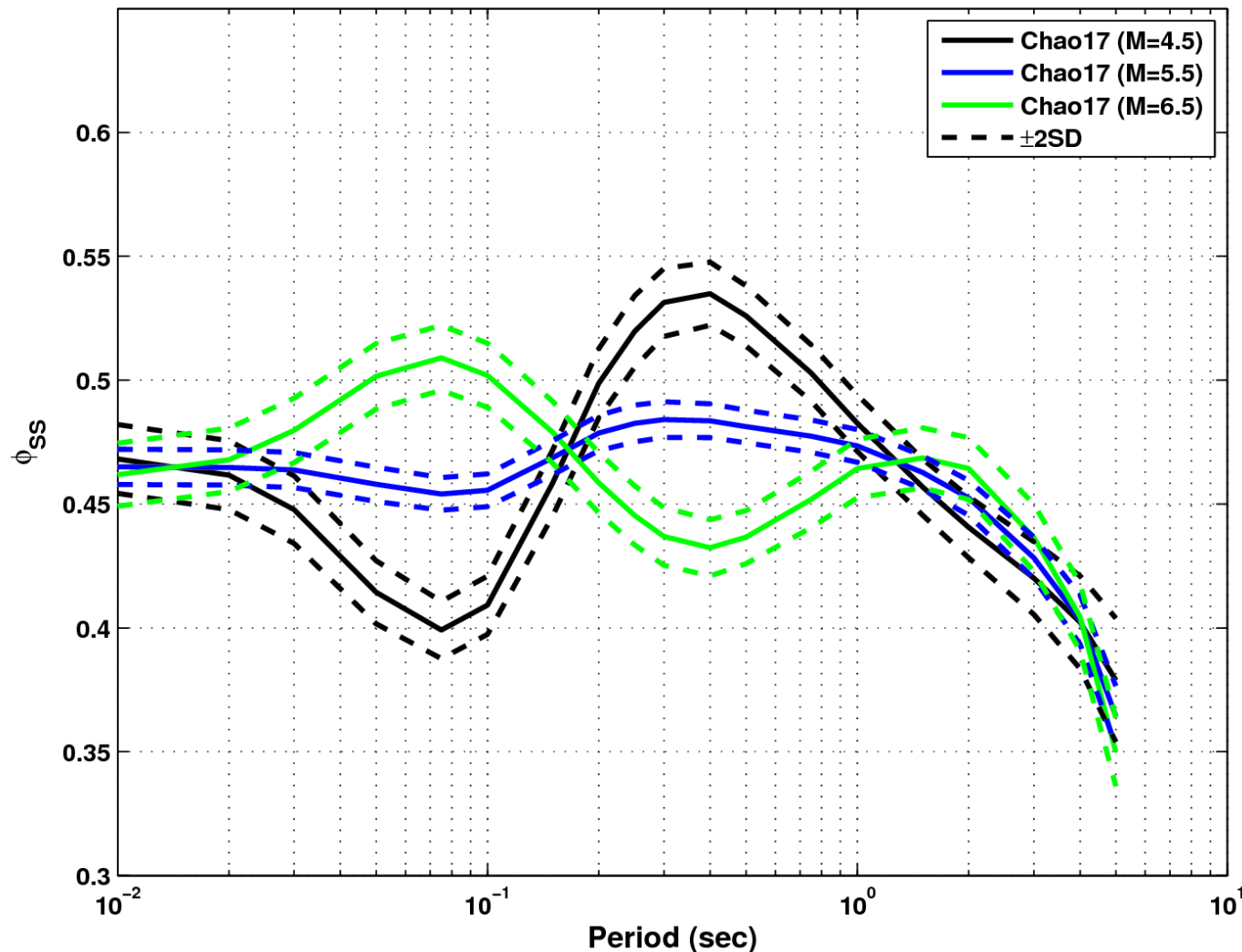
- **Taiwan PhiSS models**
 - Magnitude -Independent
 - Adj-AGA16
 - Magnitude –dependent
 - Chao17

Develop the Magnitude-Independent PhiSS Models for Subduction Event – Taiwan Branch

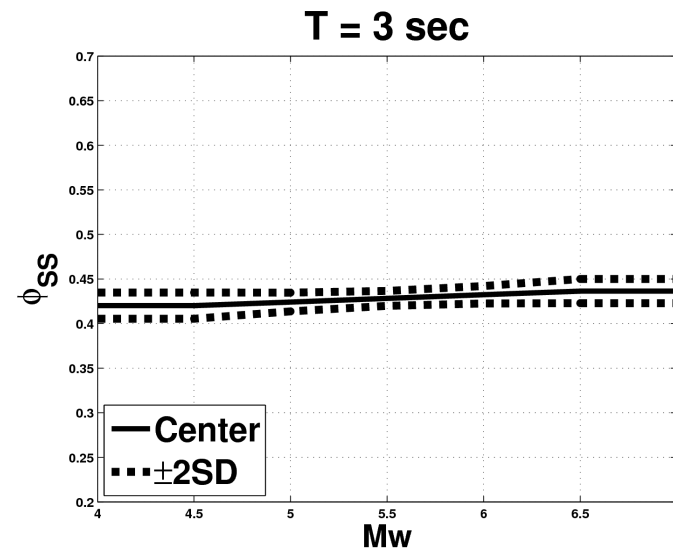
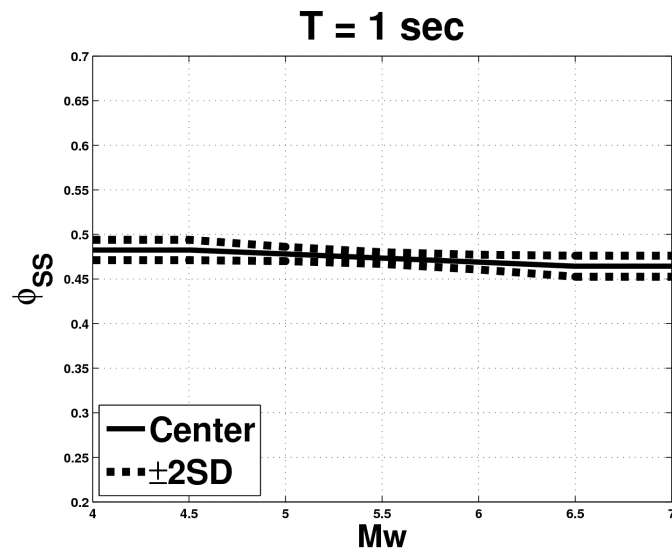
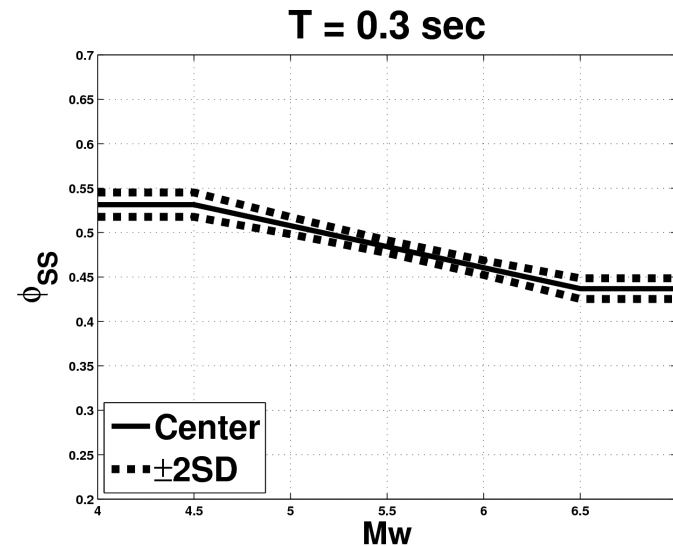
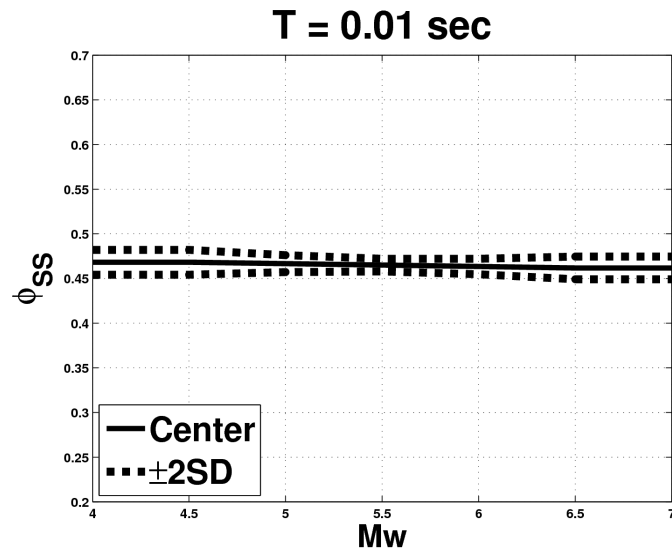


Develop the Magnitude-Dependent PhiSS Models for Subduction Event – Taiwan Branch

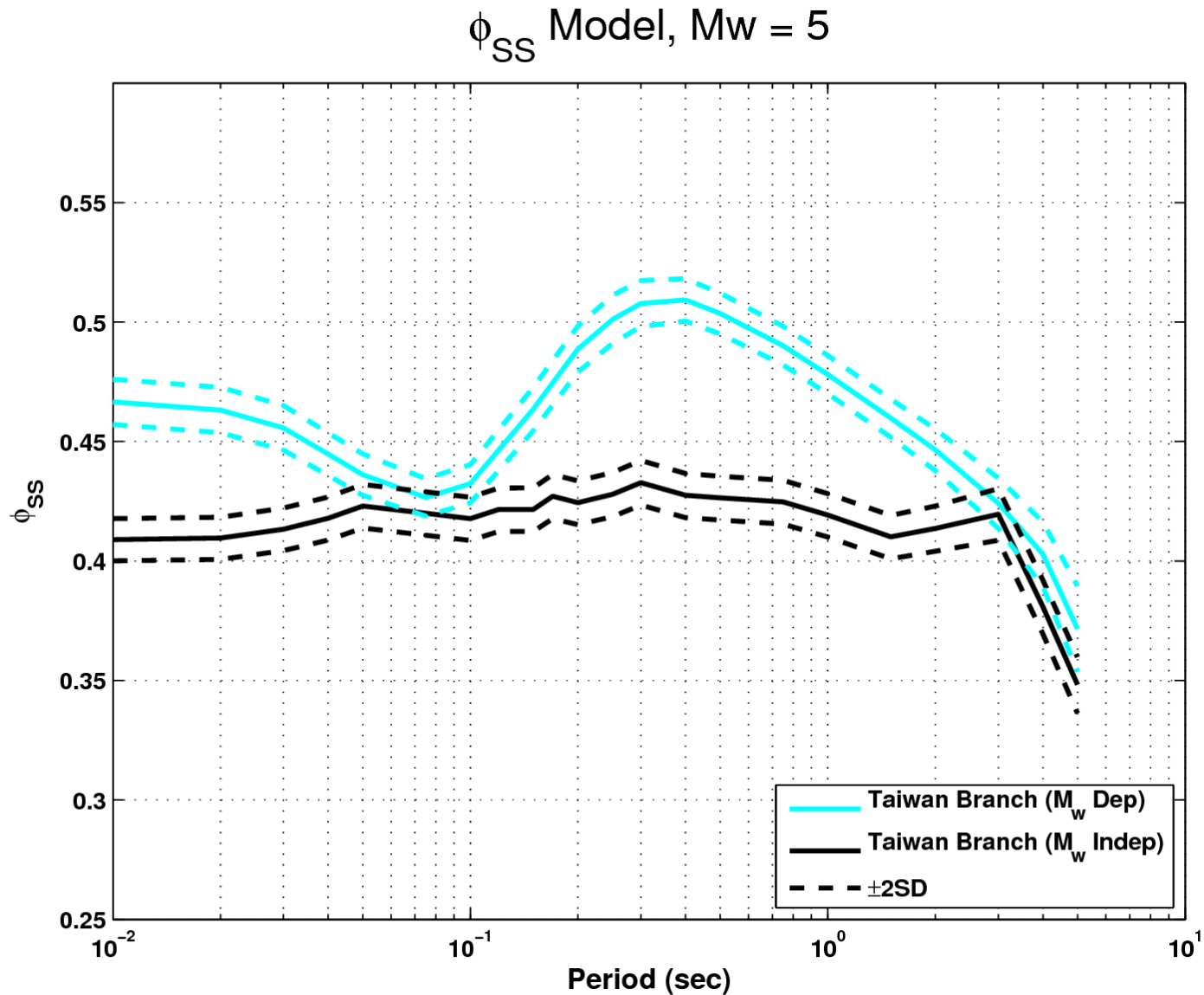
Subduction ϕ_{SS} – Taiwan node (Magnitude Dependent)



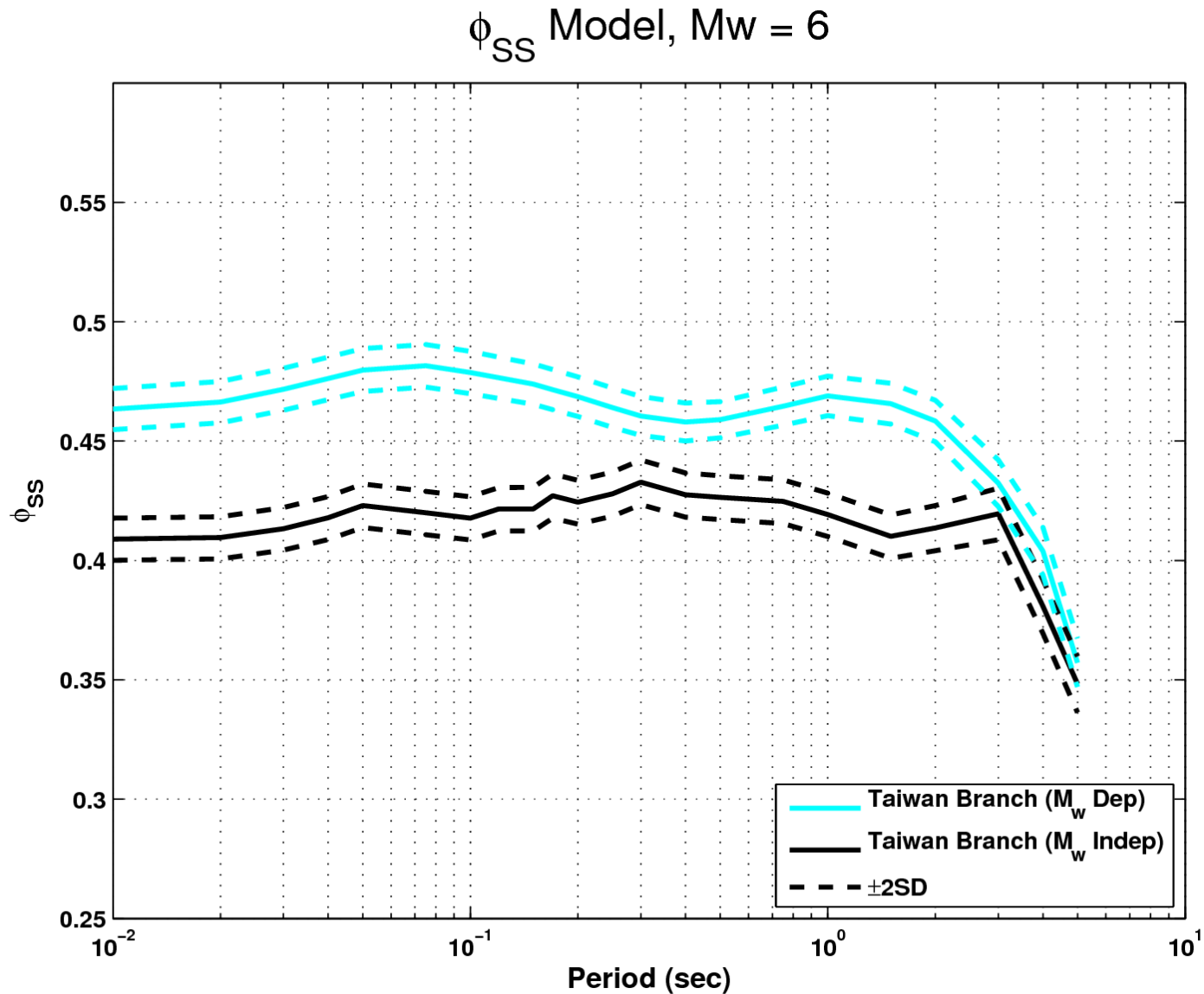
Develop the Magnitude-Dependent PhiSS Models for Subduction Event



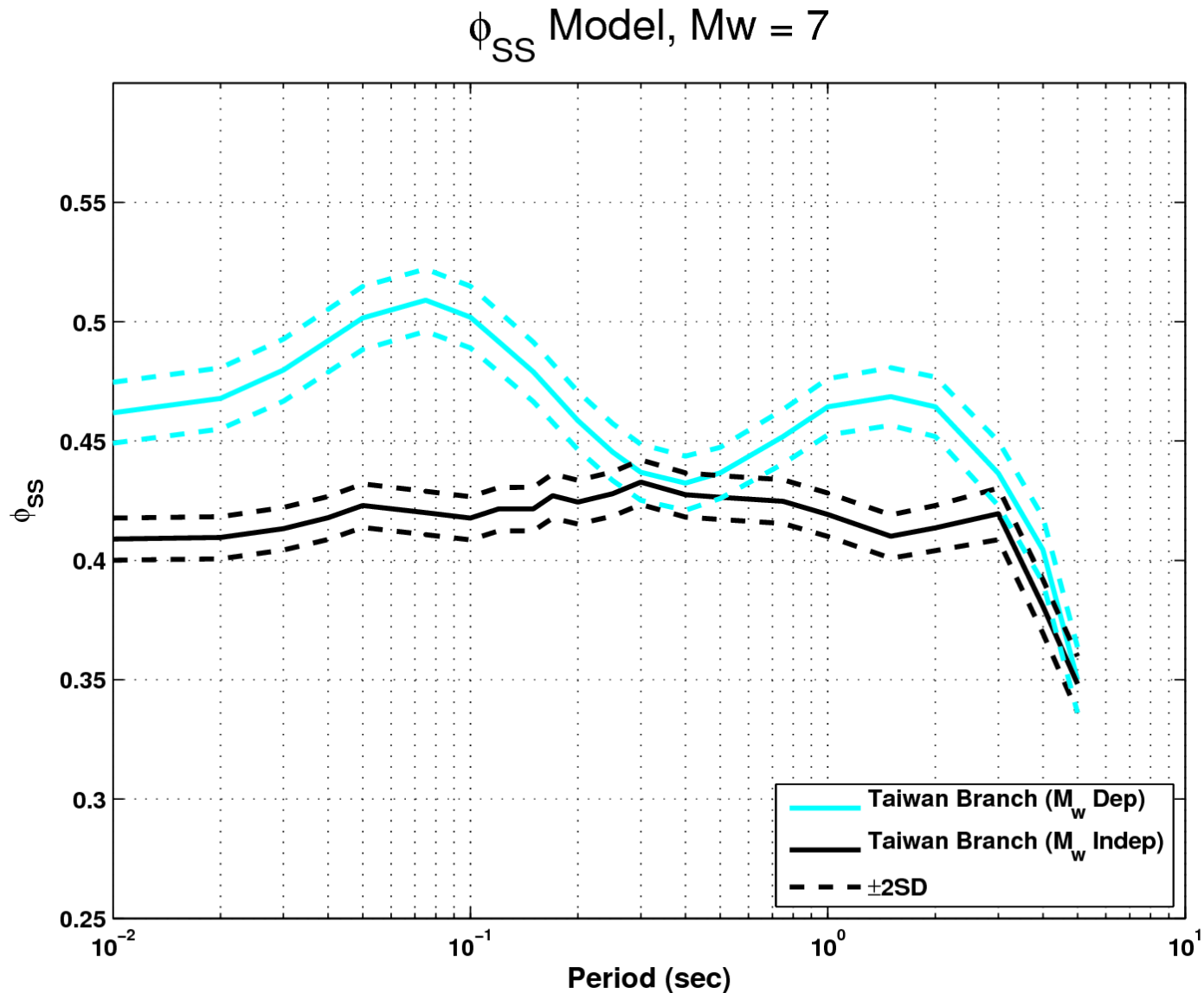
Comparison PhiSS Models for Mw=5



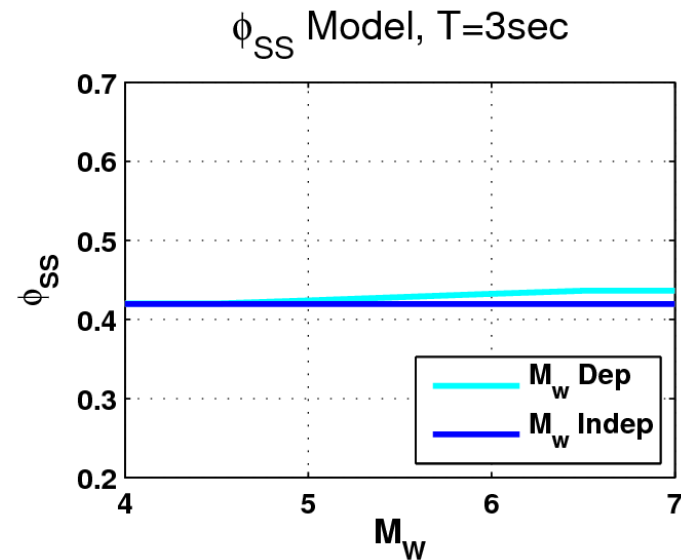
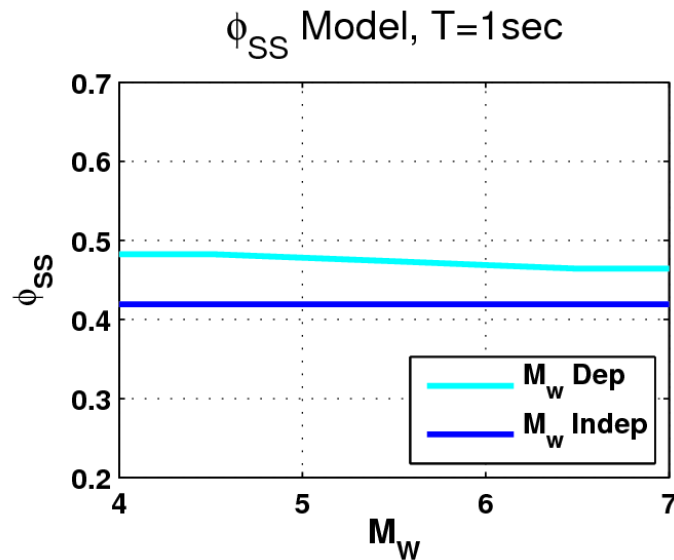
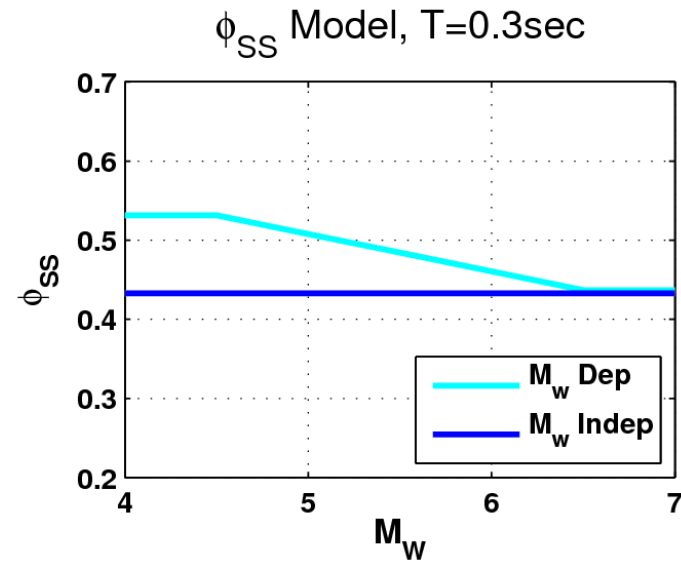
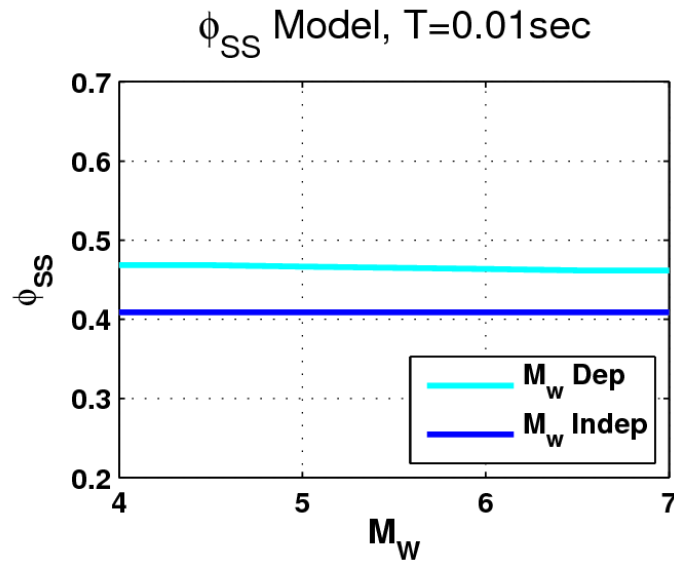
Comparison PhiSS Models for Mw=6



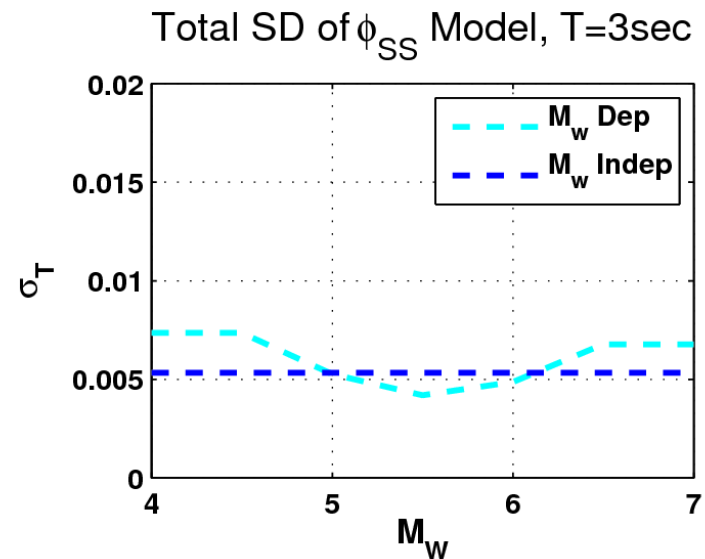
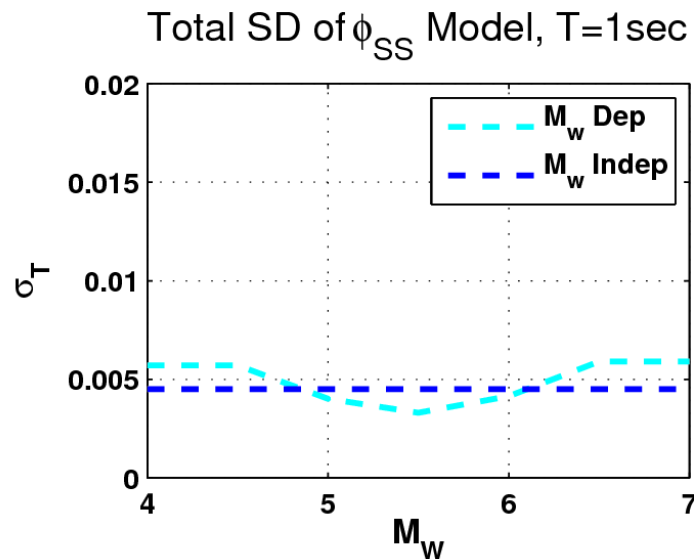
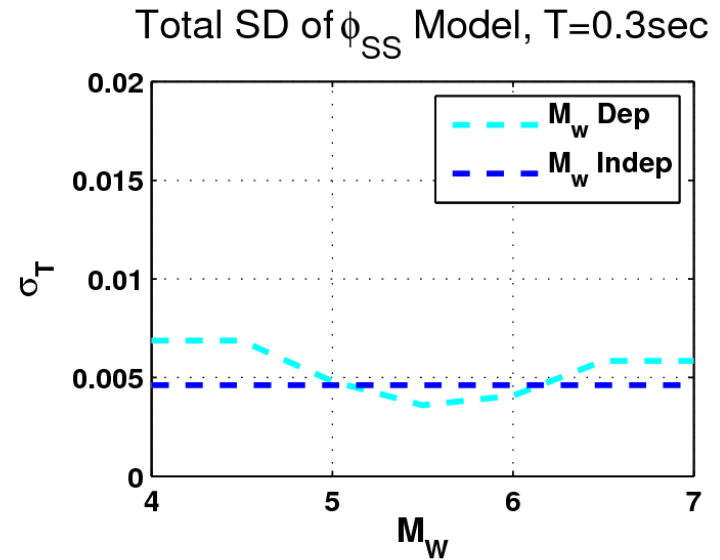
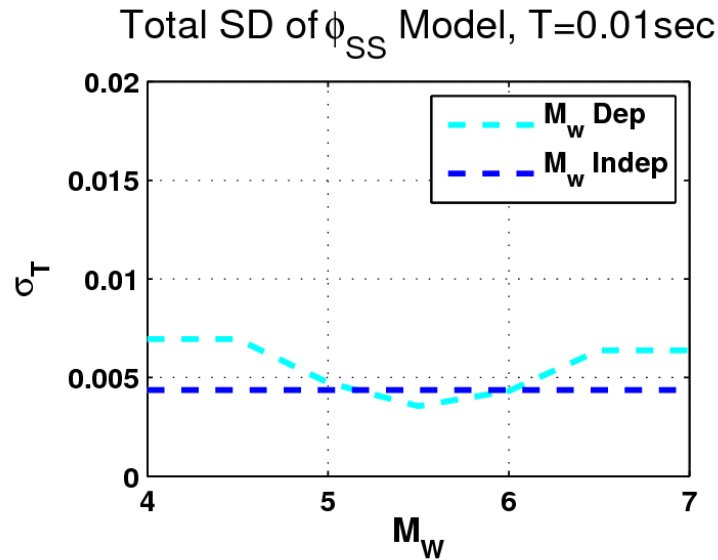
Comparison PhiSS Models for Mw=7



Comparison PhiSS Models



Comparison Total SD of PhiSS Models



Thank You for Your Attention !!

Questions ?