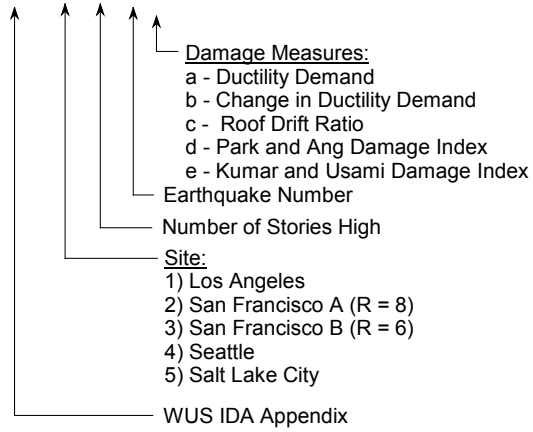


Appendix D2 – Western United States IDA Figures

Figure Number Designations:

Figure D2.1.3.4a



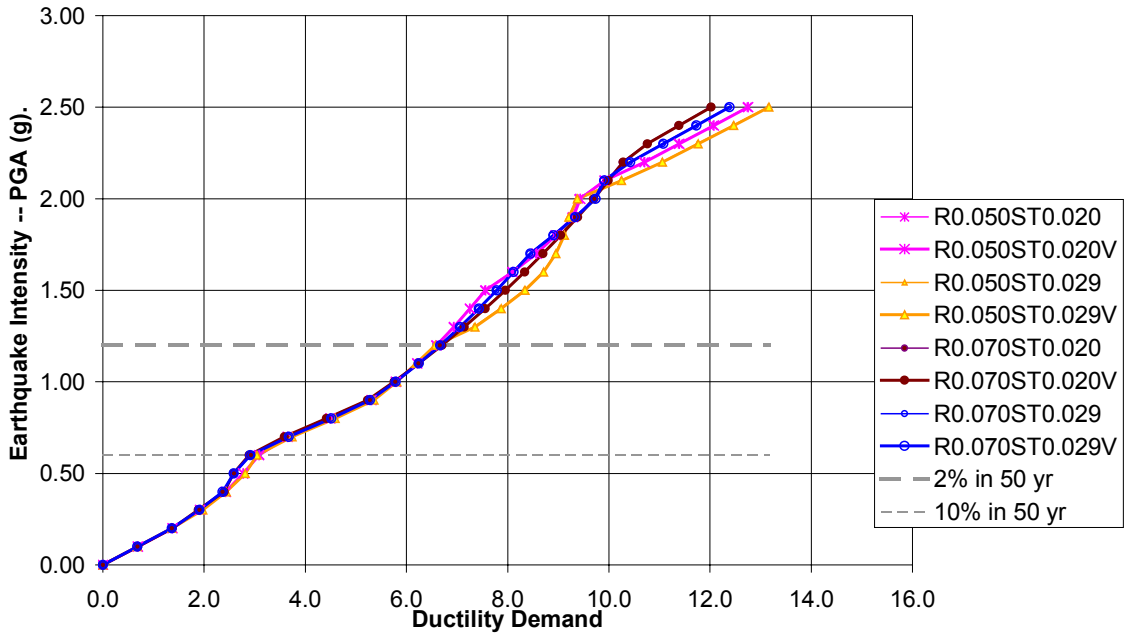


Figure D2.1.3.4a – Ductility Demands of the Los Angeles 3 Story Models Subjected to the Taft Earthquake (EQ 4).

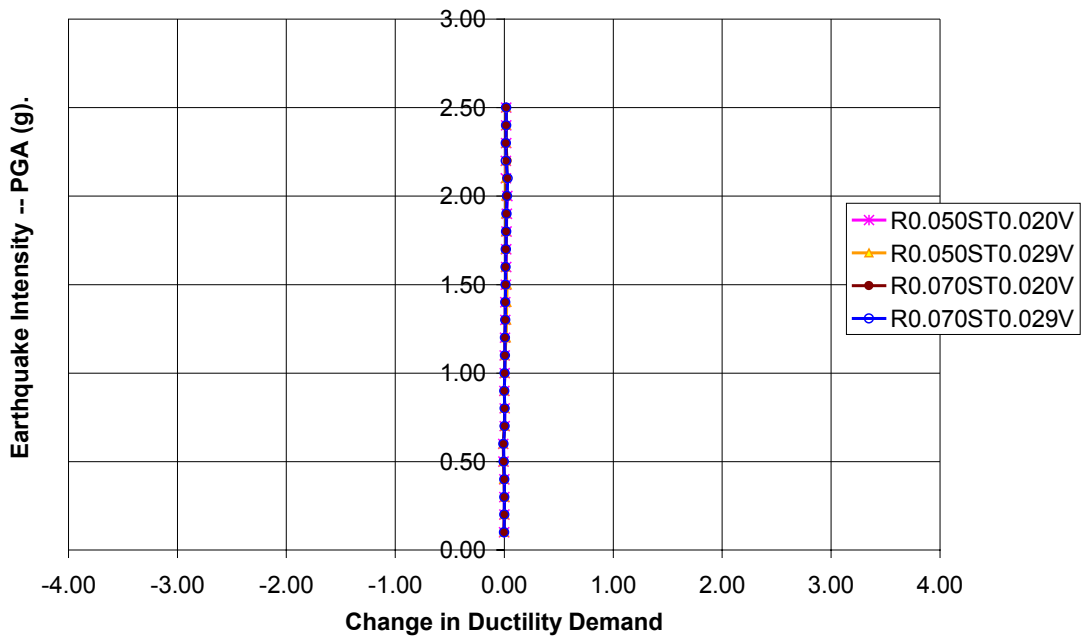


Figure D2.1.3.4b – Change in Ductility Demands Due to Vertical Accelerations for the Los Angeles 3 Story Models Subjected to the Taft Earthquake (EQ 4).

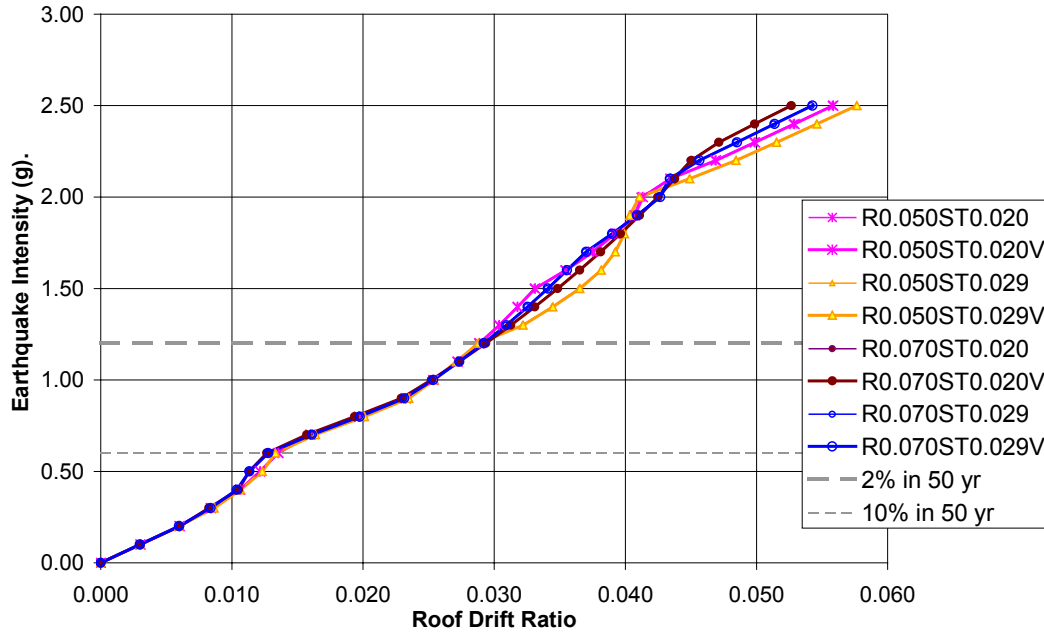


Figure D2.1.3.4c – Roof Drift Ratio of the Los Angeles 3 Story Models Subjected to the Taft Earthquake (EQ 4).

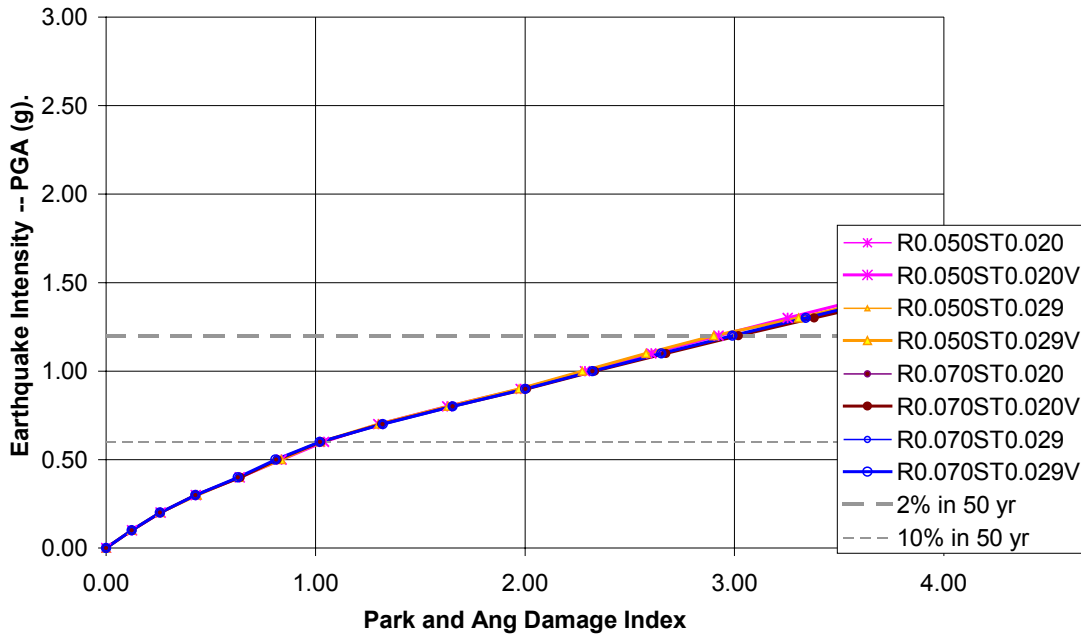


Figure D2.1.3.4d – Park and Ang Damage Indices of the Los Angeles 3 Story Models Subjected to the Taft Earthquake (EQ 4).

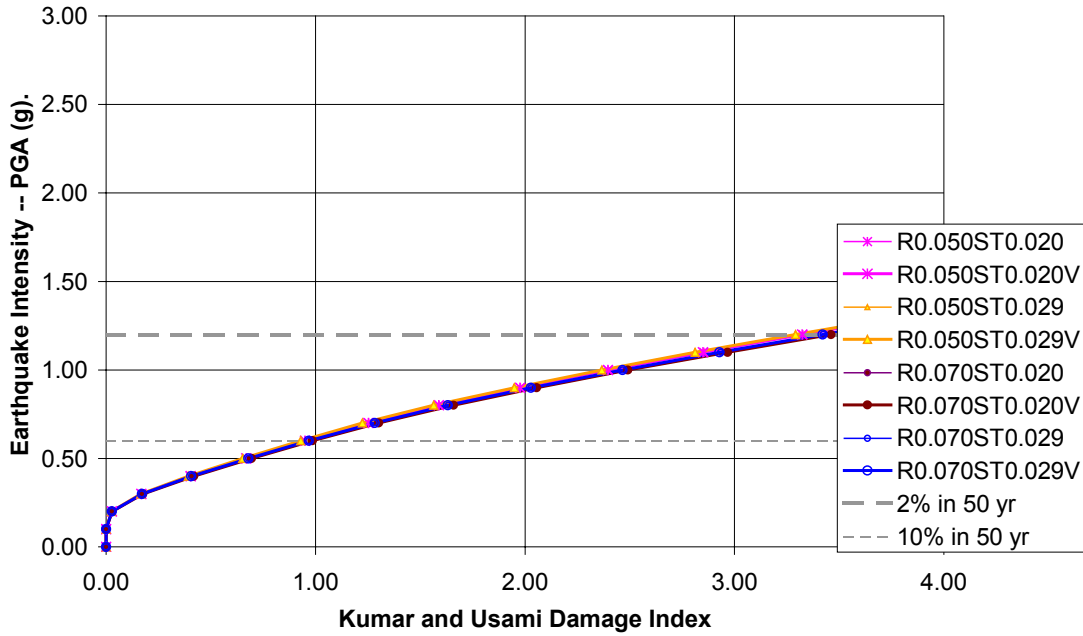


Figure D2.1.3.4e – Kumar and Usami Damage Indices of the Los Angeles 3 Story Models Subjected to the Taft Earthquake (EQ 4).

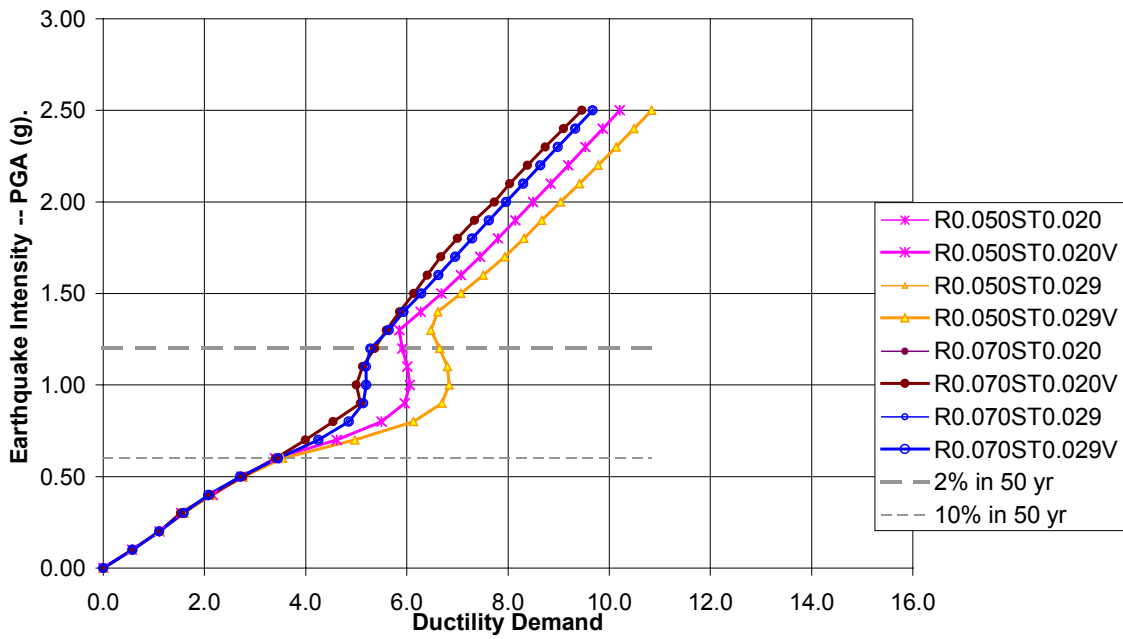


Figure D2.1.3.5a – Ductility Demands of the Los Angeles 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

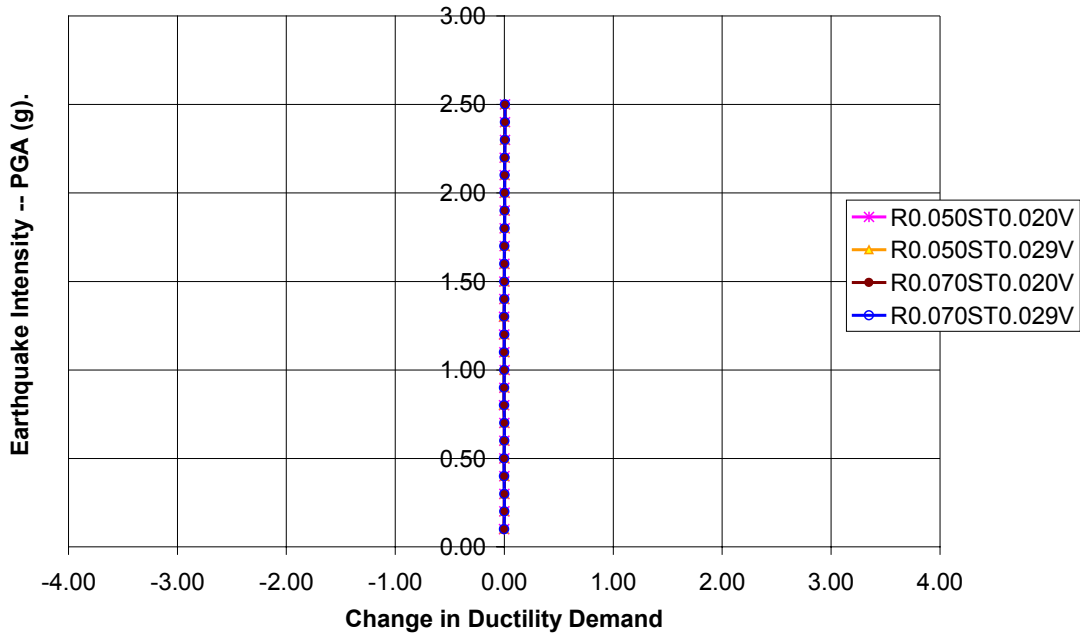


Figure D2.1.3.5b – Change in Ductility Demands Due to Vertical Accelerations for the Los Angeles 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

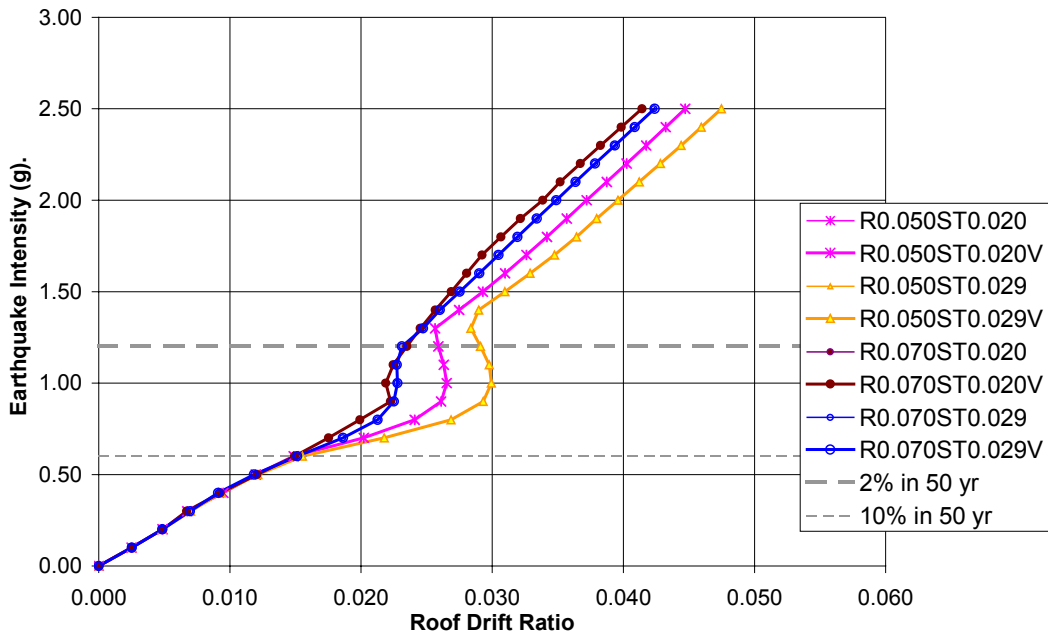


Figure D2.1.3.5c – Roof Drift Ratio of the Los Angeles 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

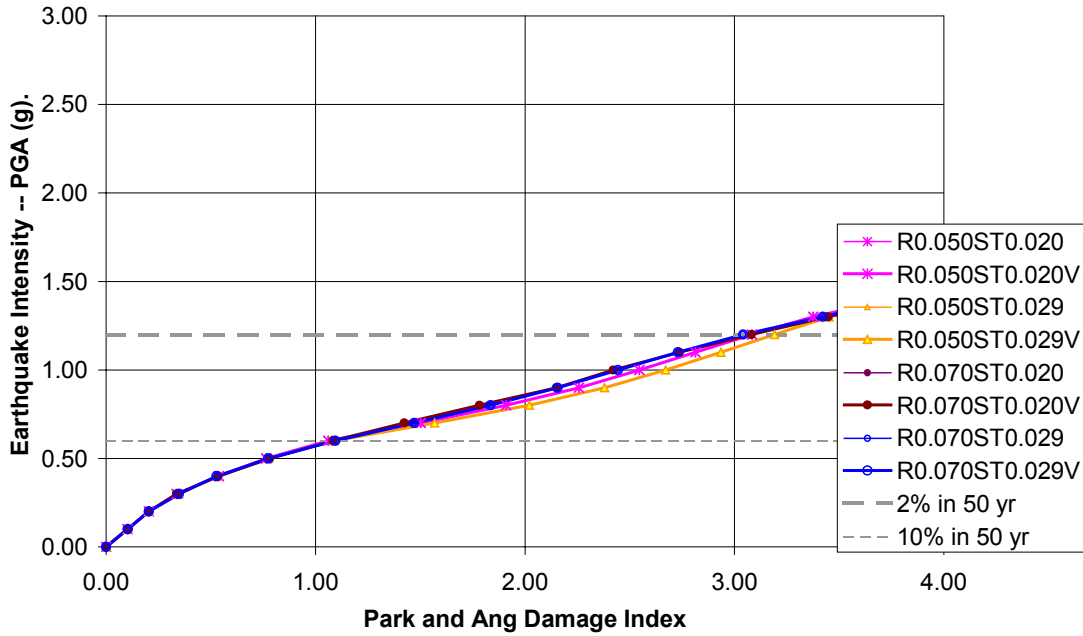


Figure D2.1.3.5d – Park and Ang Damage Indices of the Los Angeles 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

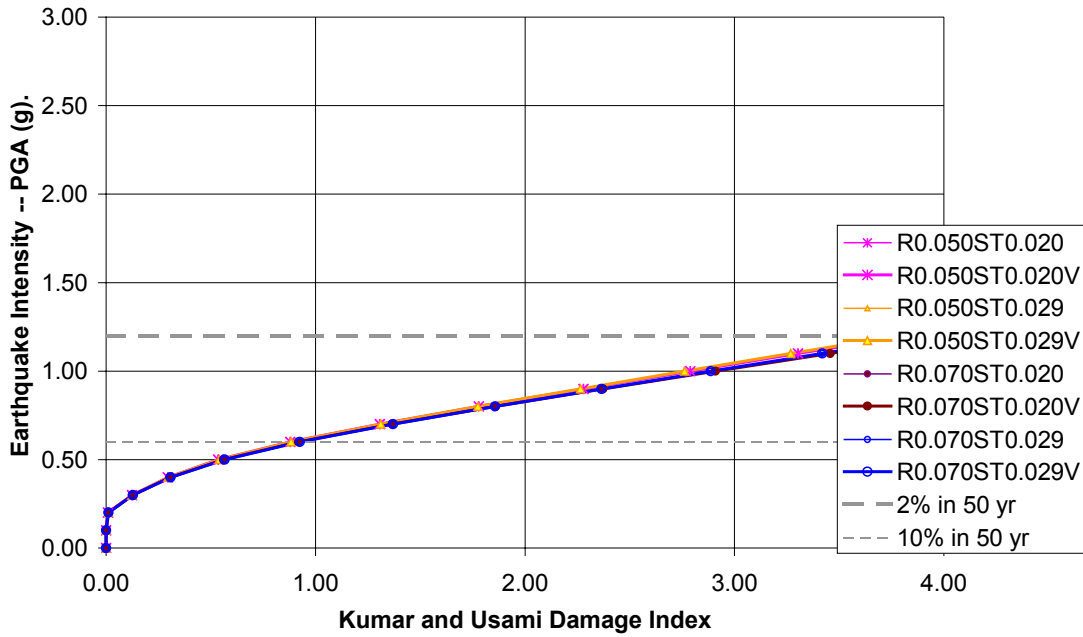


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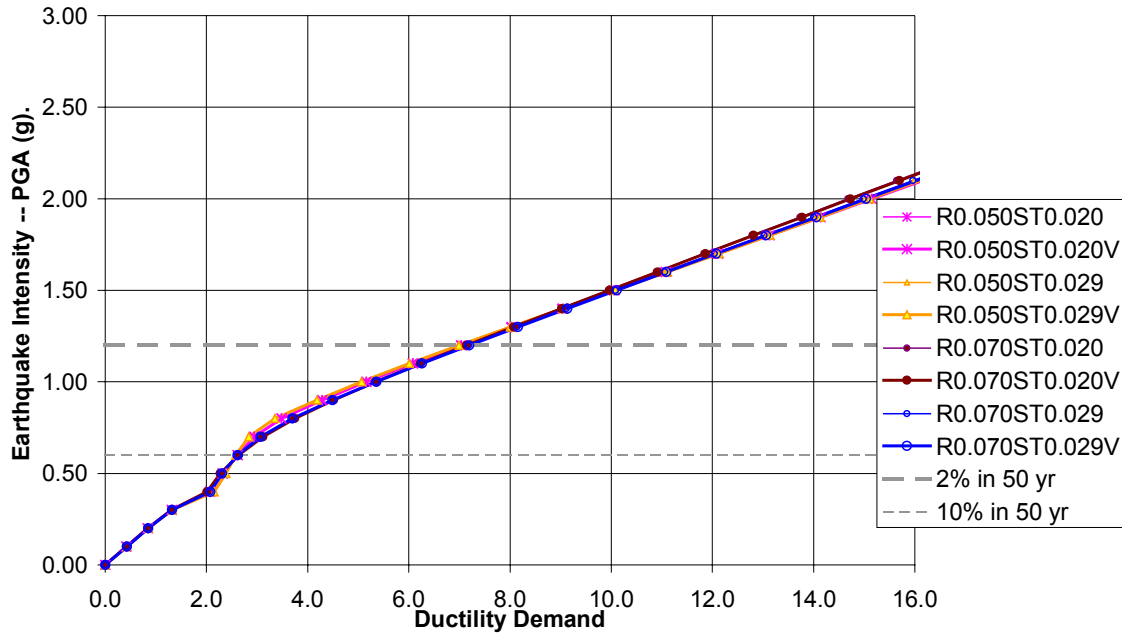


Figure D2.1.3.9a – Ductility Demands of the Los Angeles 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

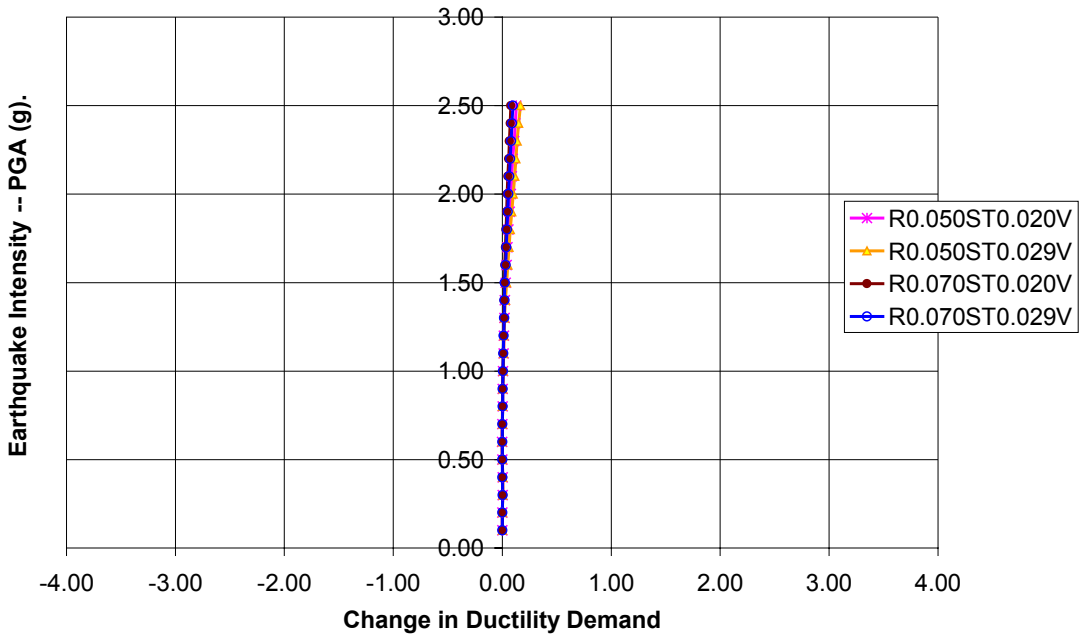


Figure D2.1.3.9b – Change in Ductility Demands Due to Vertical Accelerations for the Los Angeles 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

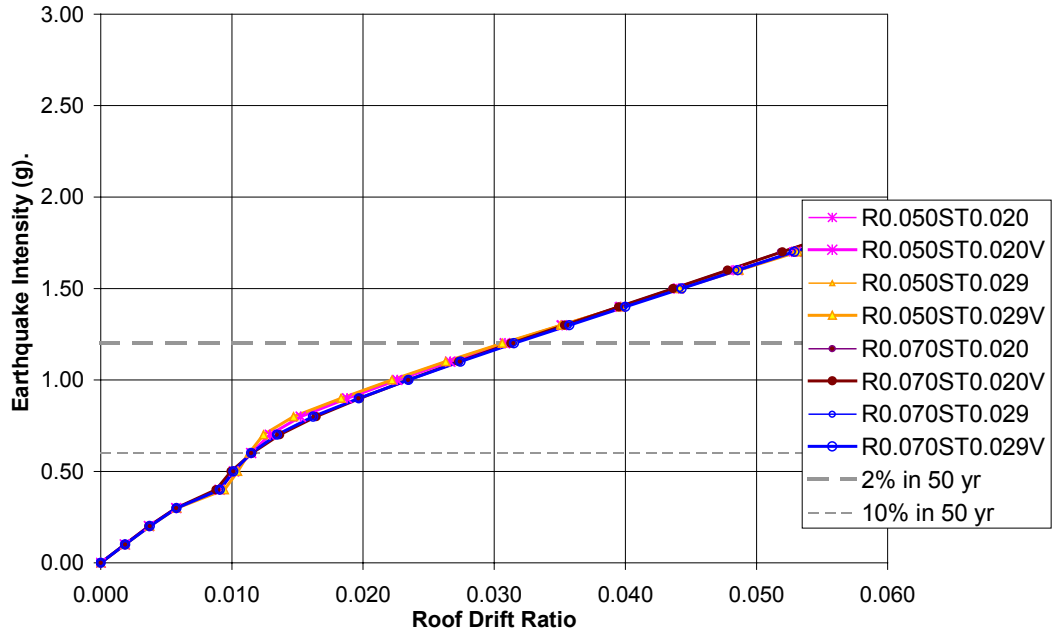


Figure D2.1.3.9c – Roof Drift Ratio of the Los Angeles 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

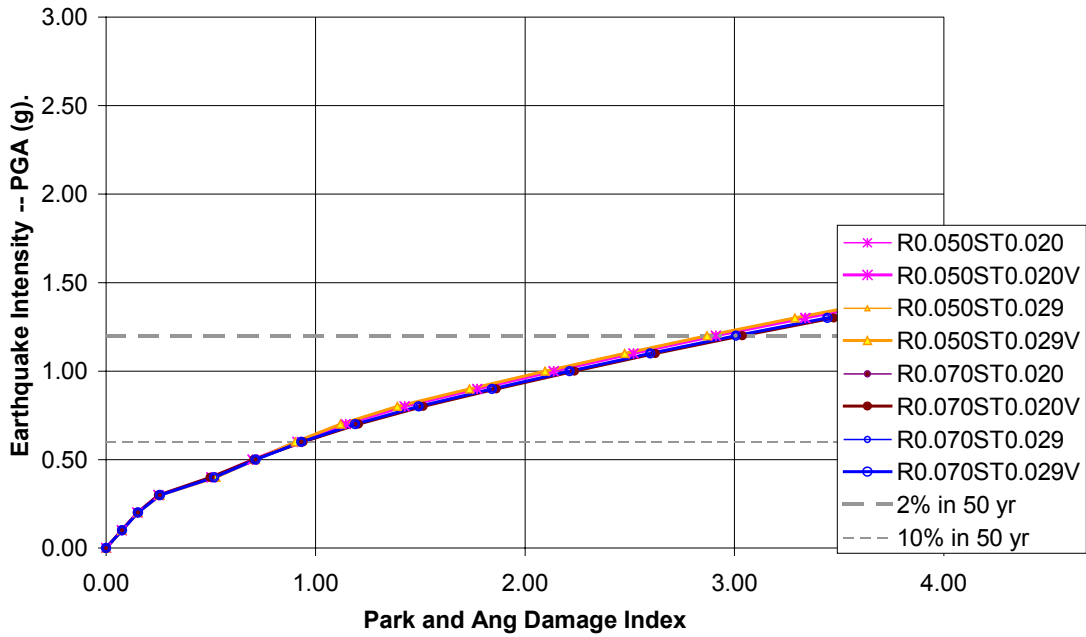


Figure D2.1.3.9d – Park and Ang Damage Indices of the Los Angeles 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

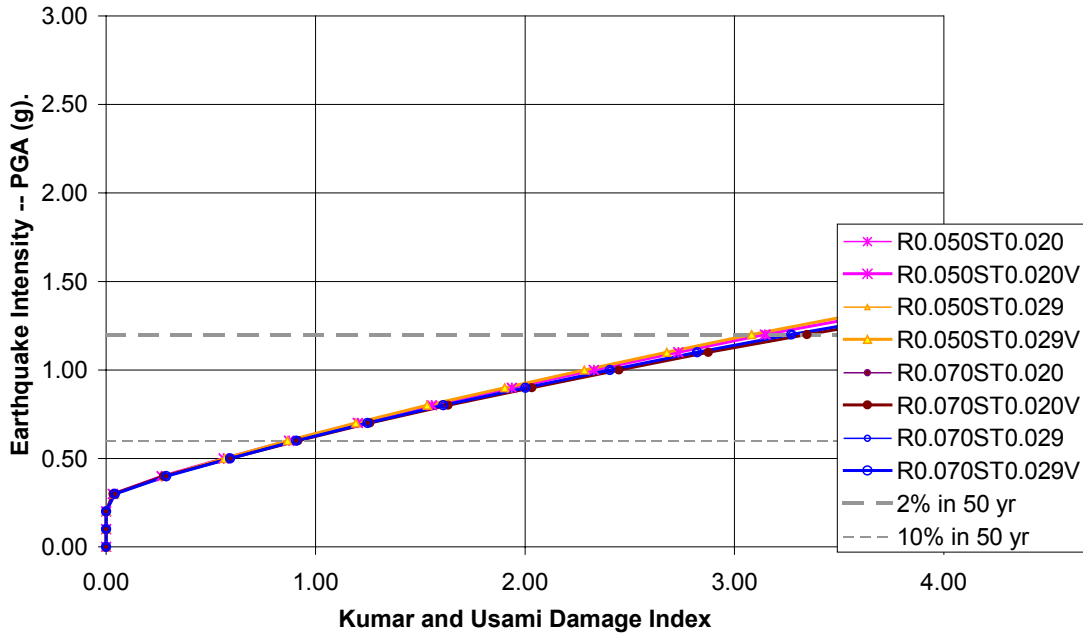


Figure D2.1.3.9e – Kumar and Usami Damage Indices of the Los Angeles 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

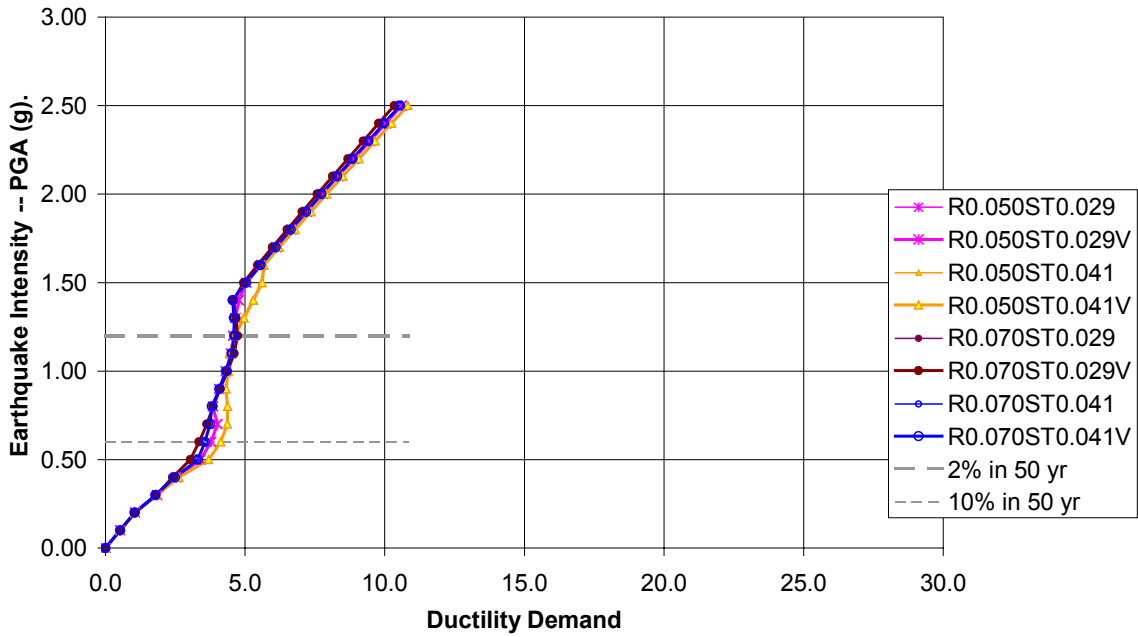


Figure D2.1.5.4a – Ductility Demands of the Los Angeles 5 Story Models Subjected to the Taft Earthquake (EQ 4).

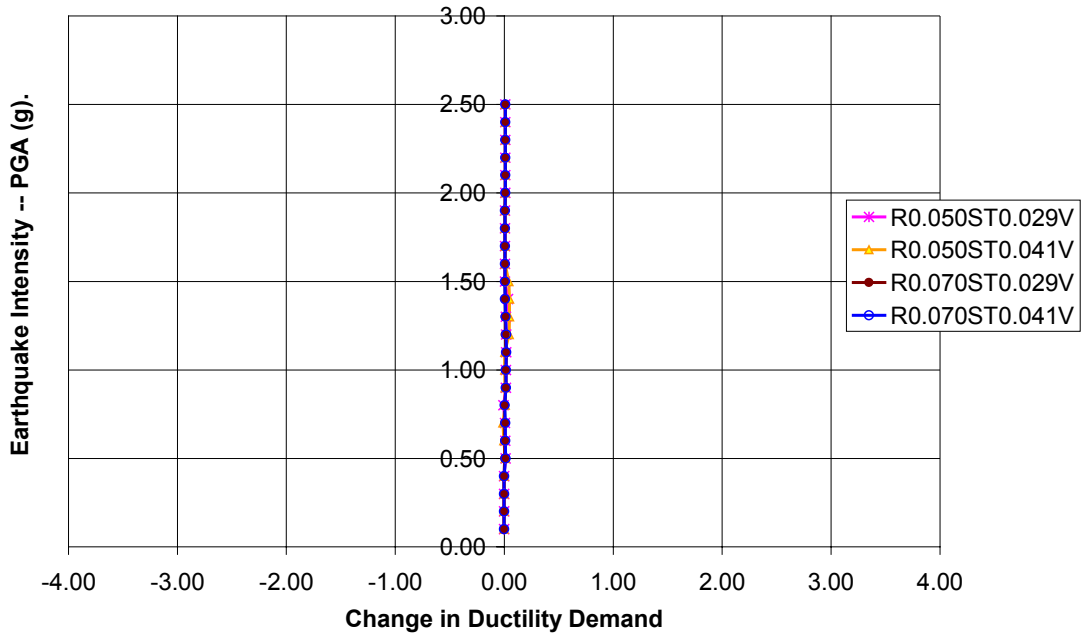


Figure D2.1.5.4b – Change in Ductility Demands Due to Vertical Accelerations for the Los Angeles 5 Story Models Subjected to the Taft Earthquake (EQ 4).

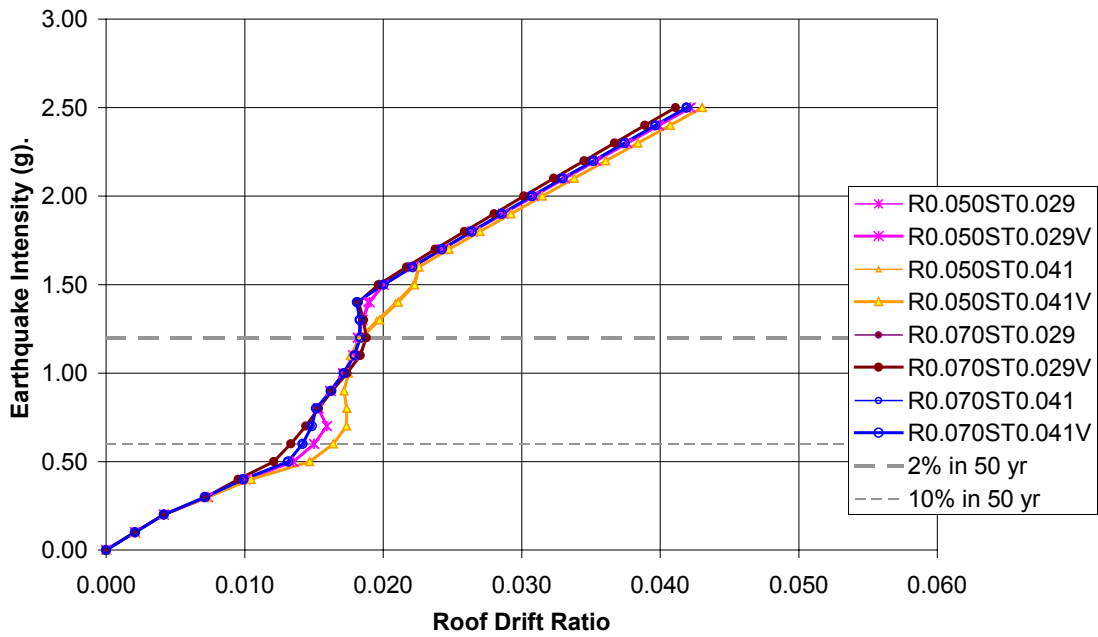


Figure D2.1.5.4c – Roof Drift Ratio of the Los Angeles 5 Story Models Subjected to the Taft Earthquake (EQ 4).

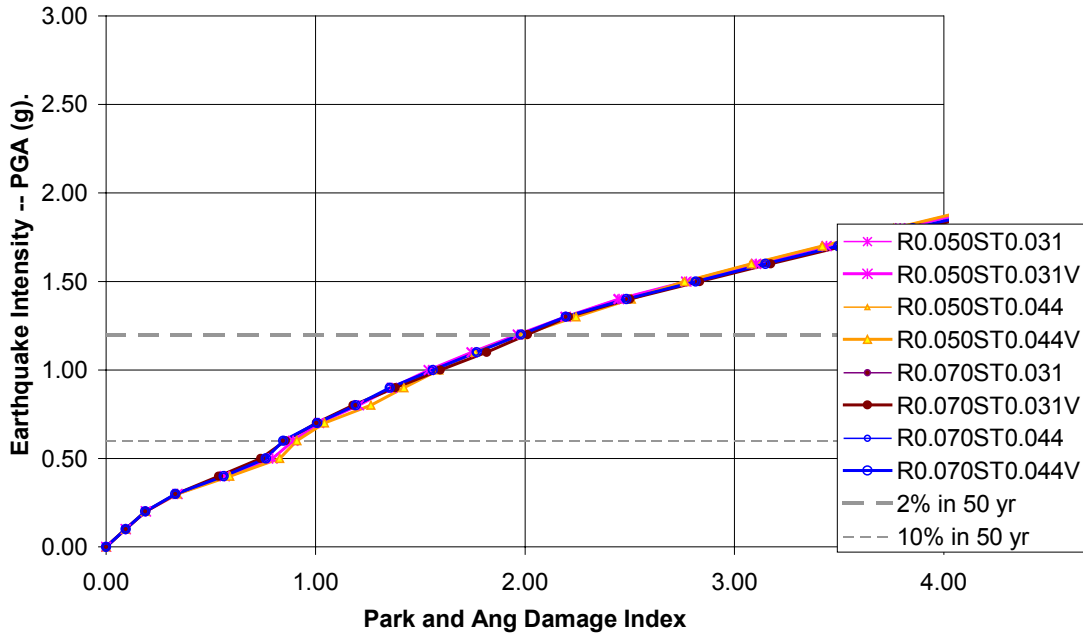


Figure D2.1.5.4d – Park and Ang Damage Indices of the Los Angeles 5 Story Models Subjected to the Taft Earthquake (EQ 4).

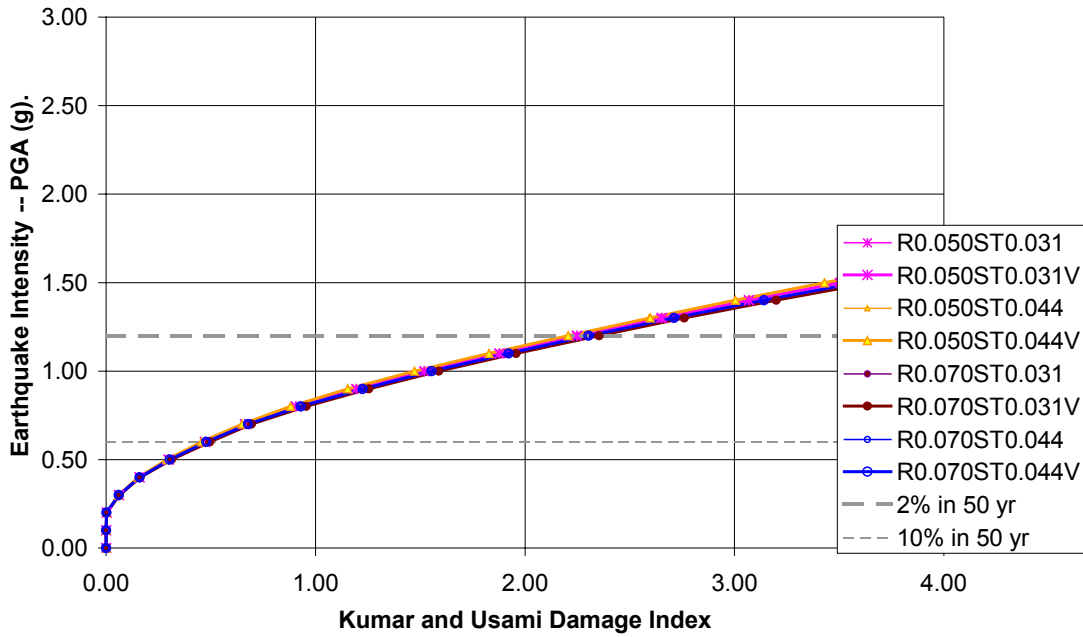


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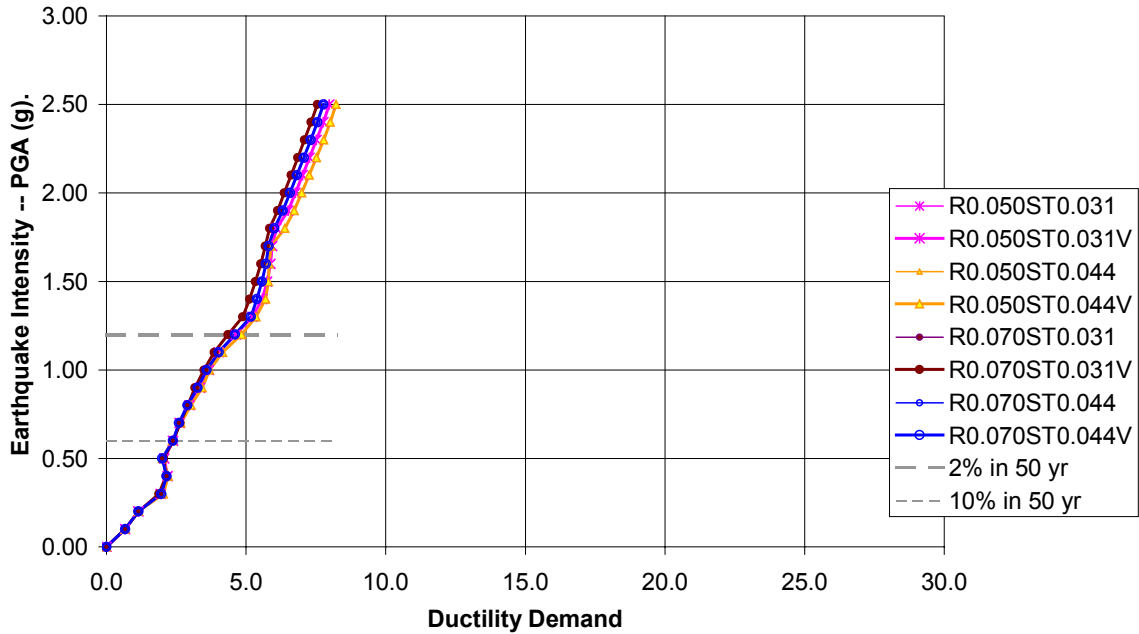


Figure D2.1.5.5a – Ductility Demands of the Los Angeles 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

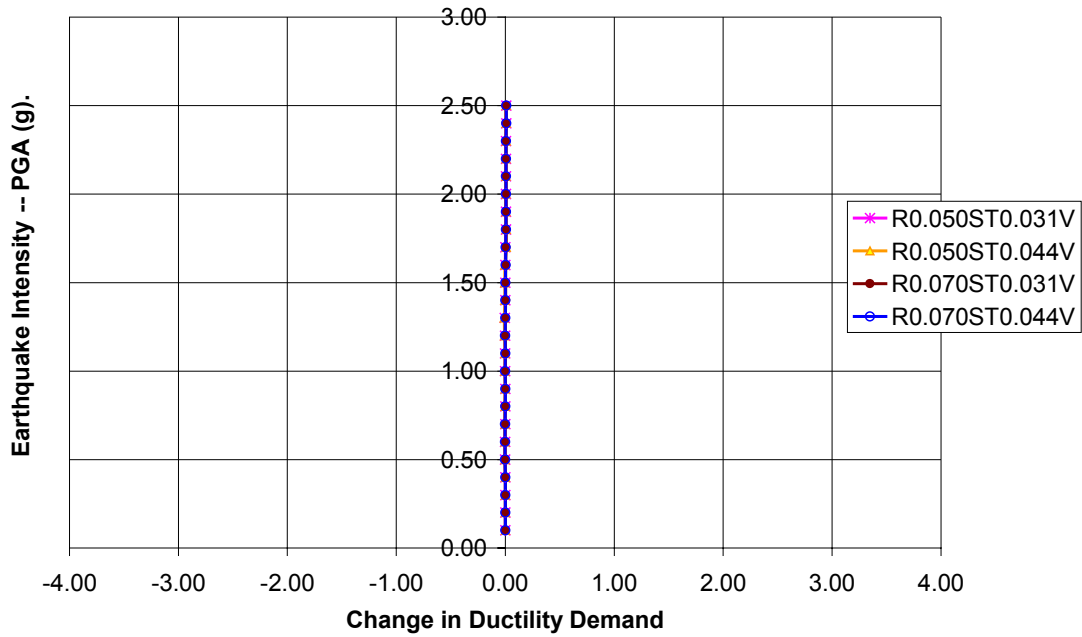


Figure D2.1.5.5b – Change in Ductility Demands Due to Vertical Accelerations for the Los Angeles 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

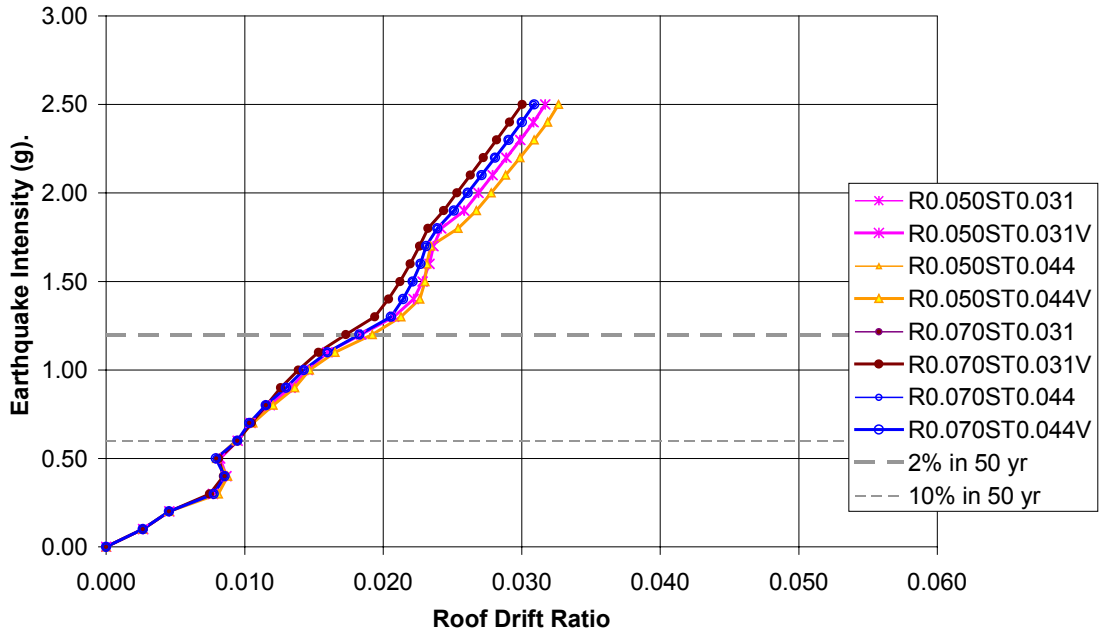


Figure D2.1.5.5c – Roof Drift Ratio of the Los Angeles 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

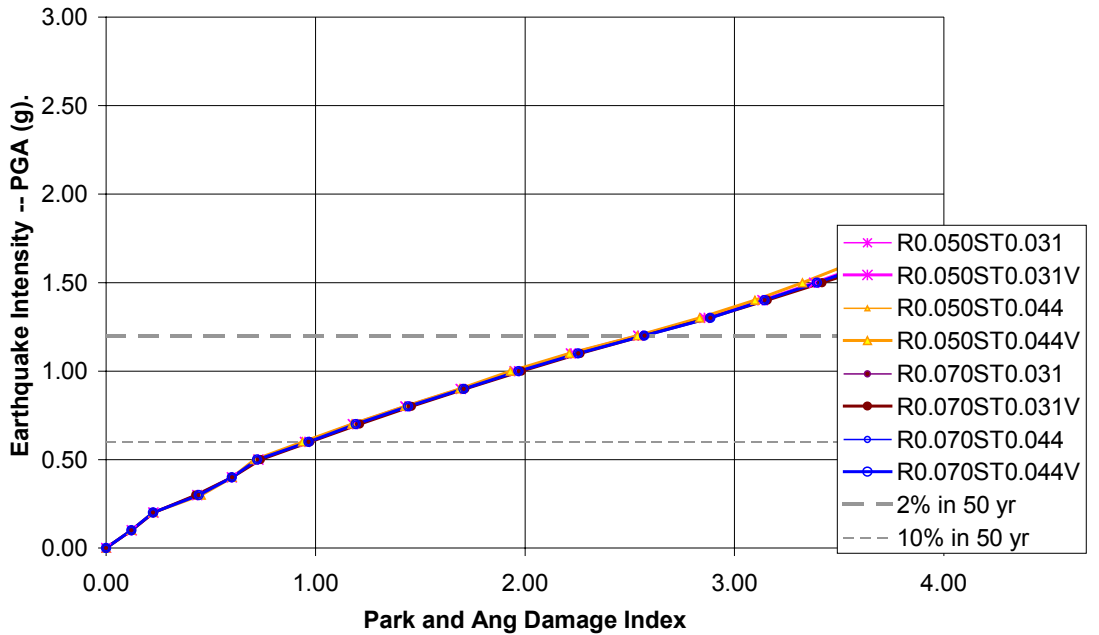


Figure D2.1.5.5d – Park and Ang Damage Indices of the Los Angeles 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

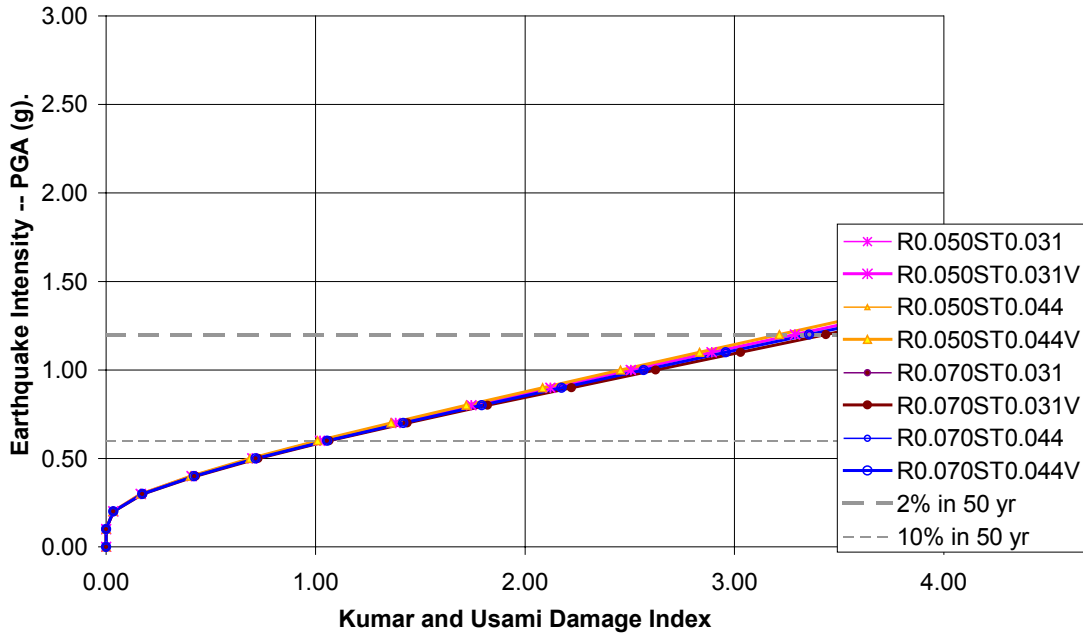


Figure D2.1.5.5e – Kumar and Usami Damage Indices of the Los Angeles 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

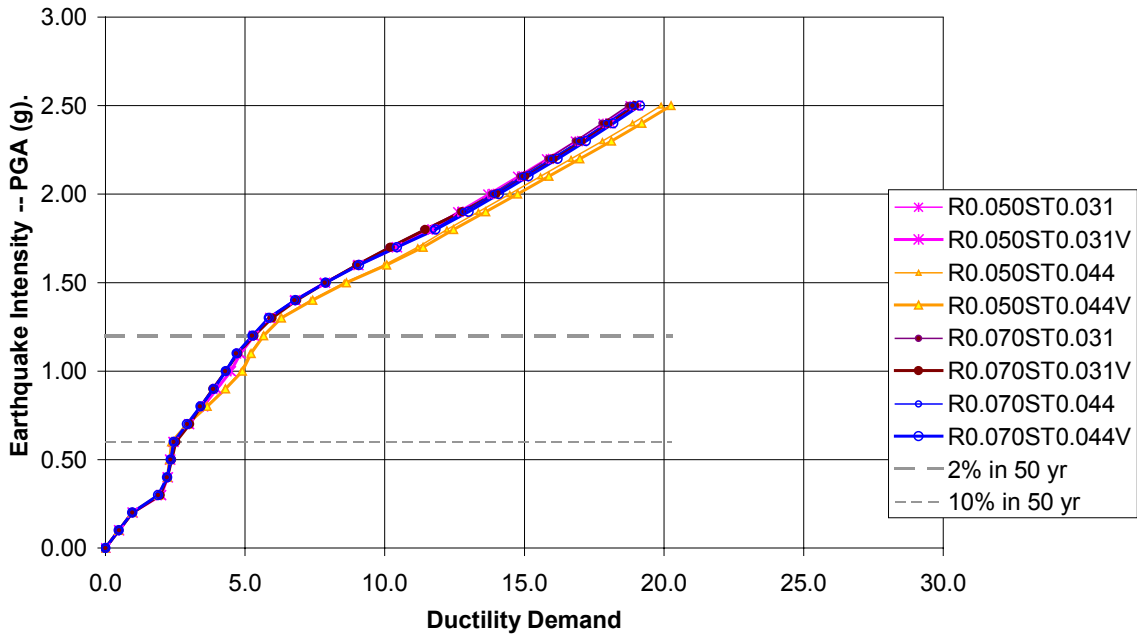


Figure D2.1.5.9a – Ductility Demands of the Los Angeles 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

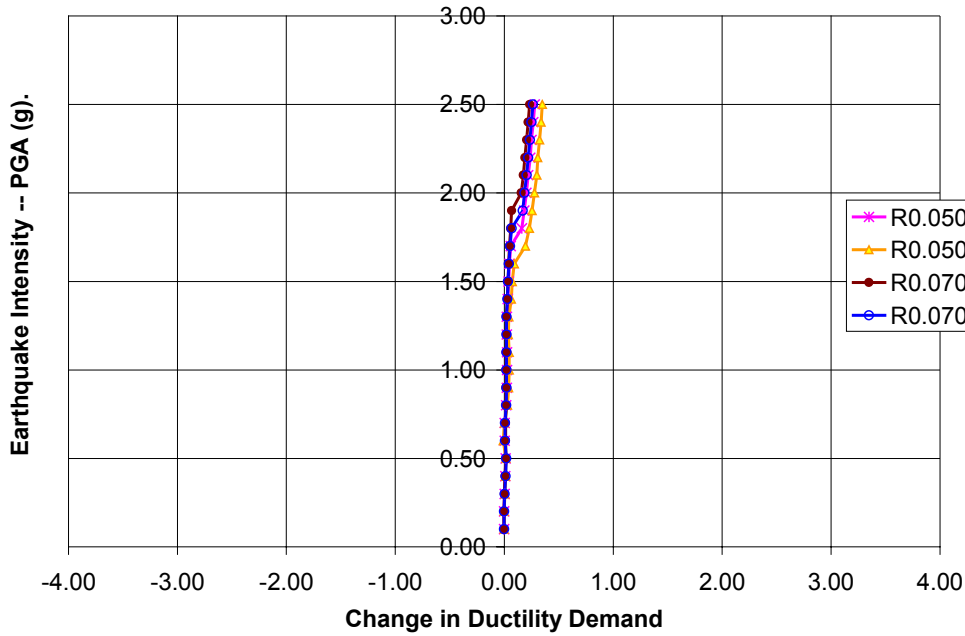


Figure D2.1.5.9b – Change in Ductility Demands Due to Vertical Accelerations for the Los Angeles 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

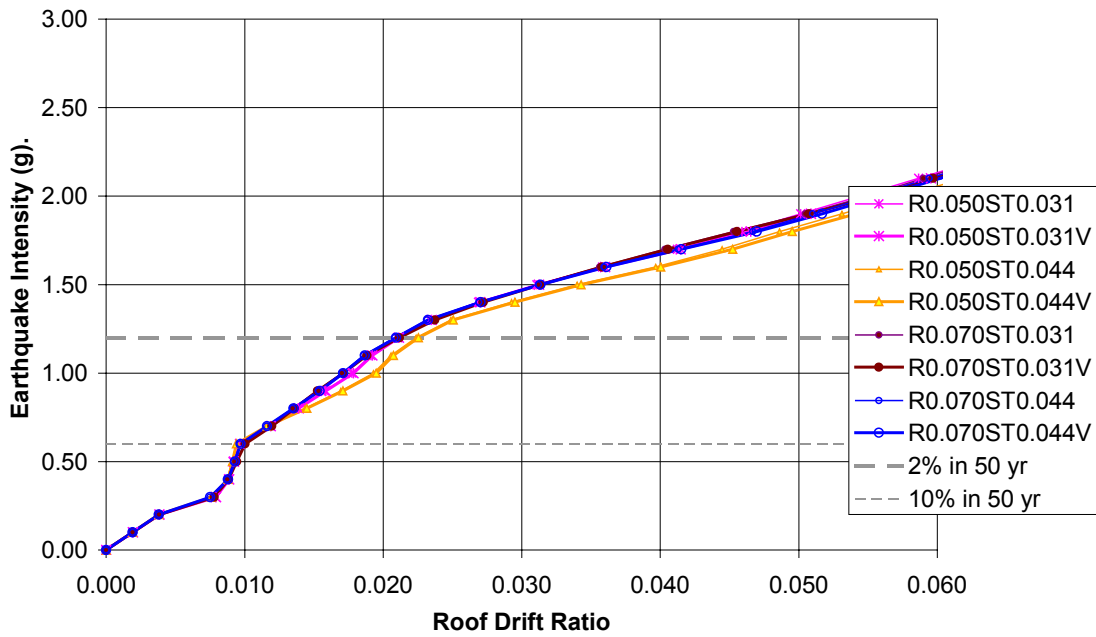


Figure D2.1.5.9c – Roof Drift Ratio of the Los Angeles 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

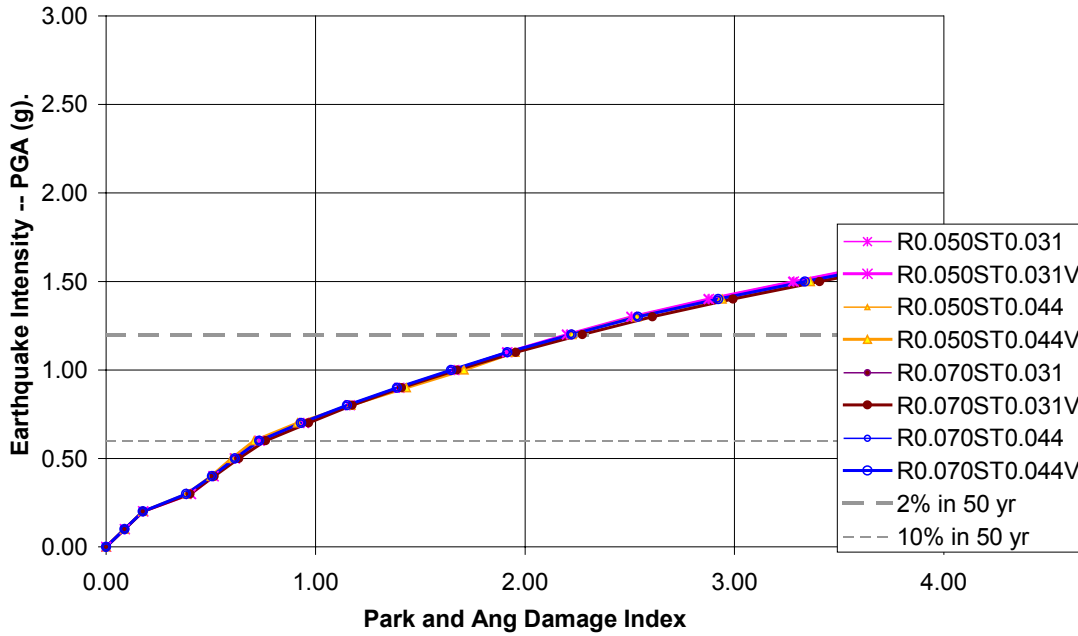


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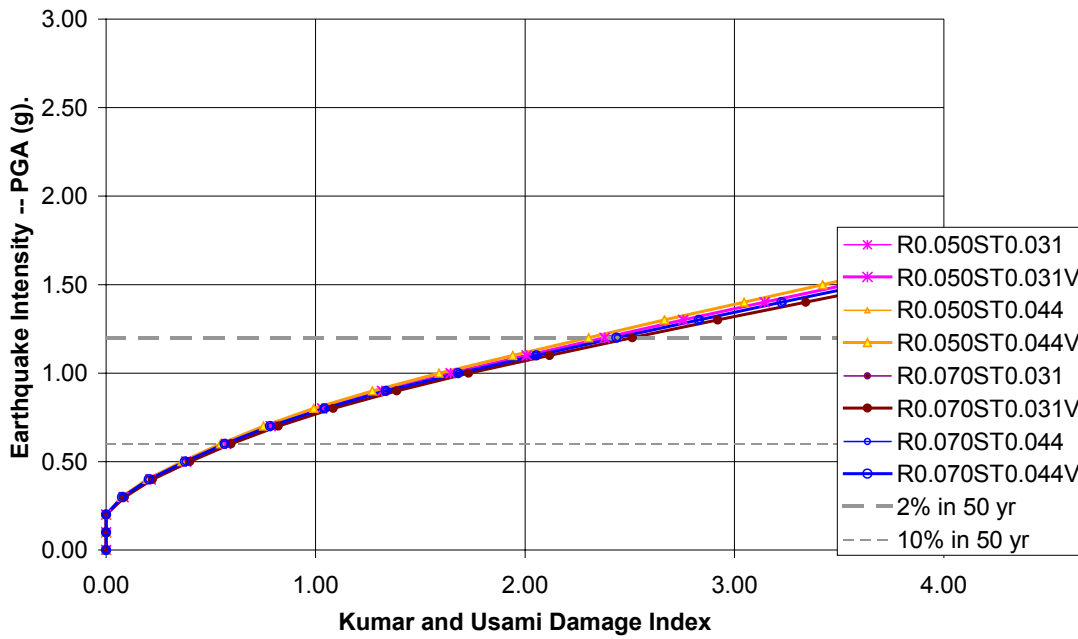


Figure D2.1.5.9e – Kumar and Usami Damage Indices of the Los Angeles 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

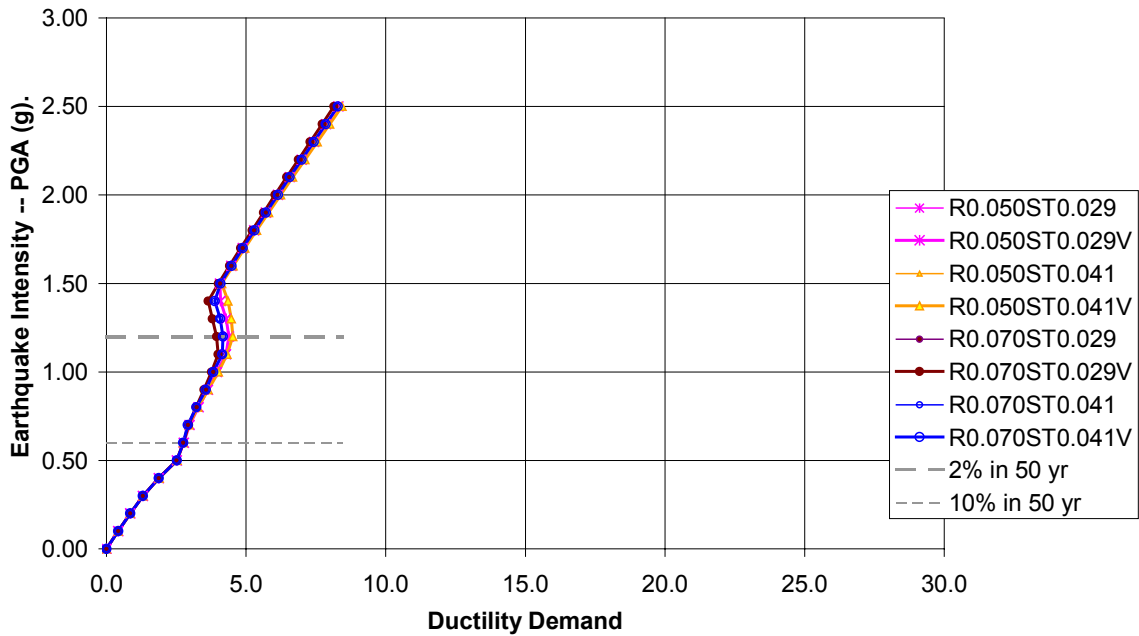


Figure D2.1.7.4a – Ductility Demands of the Los Angeles 7 Story Models Subjected to the Taft Earthquake (EQ 4).

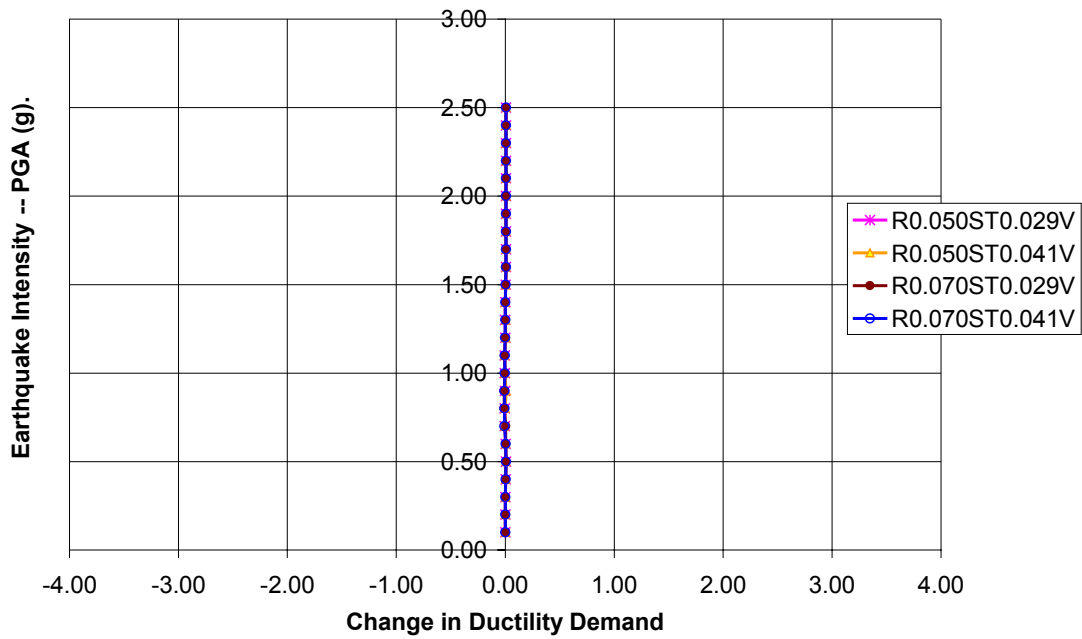


Figure D2.1.7.4b – Change in Ductility Demands Due to Vertical Accelerations for the Los Angeles 7 Story Models Subjected to the Taft Earthquake (EQ 4).

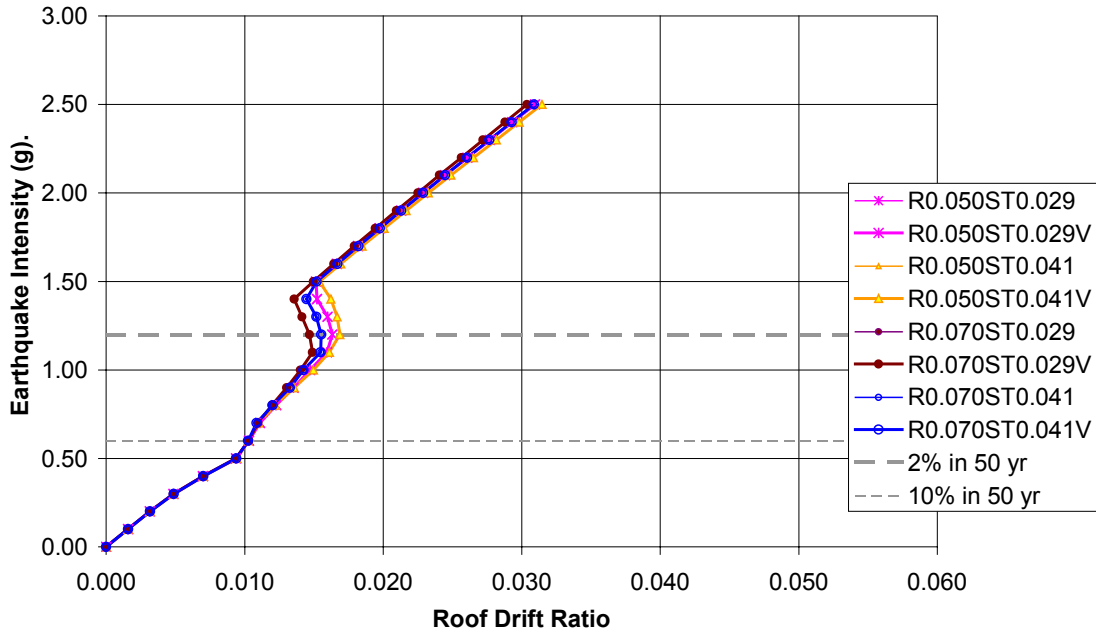


Figure D2.1.7.4c – Roof Drift Ratio of the Los Angeles 7 Story Models Subjected to the Taft Earthquake (EQ 4).

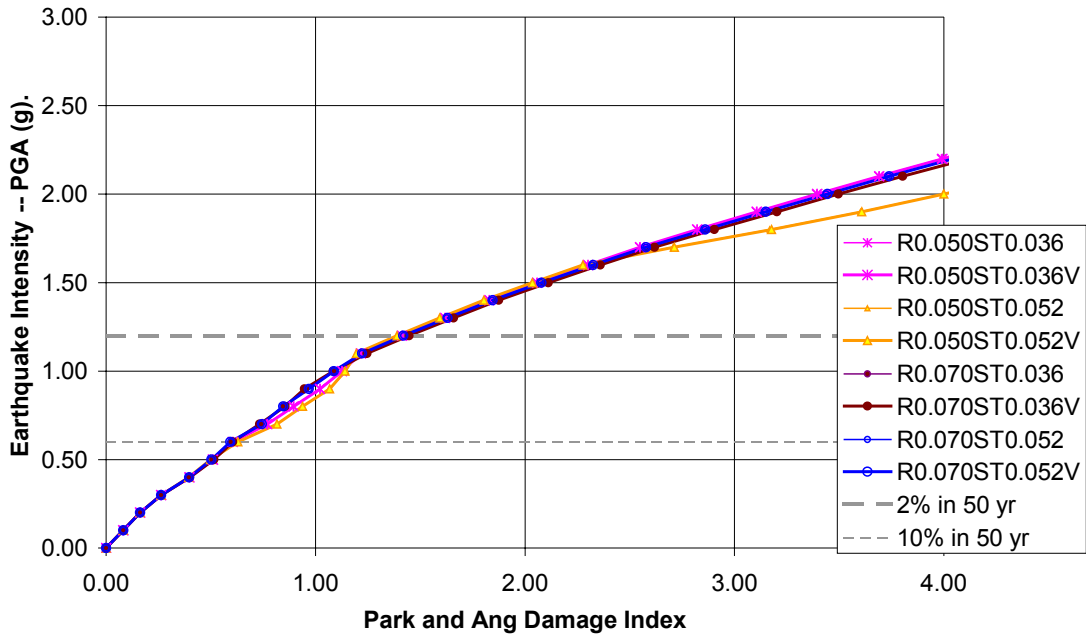


Figure D2.1.7.4d – Park and Ang Damage Indices of the Los Angeles 7 Story Models Subjected to the Taft Earthquake (EQ 4).

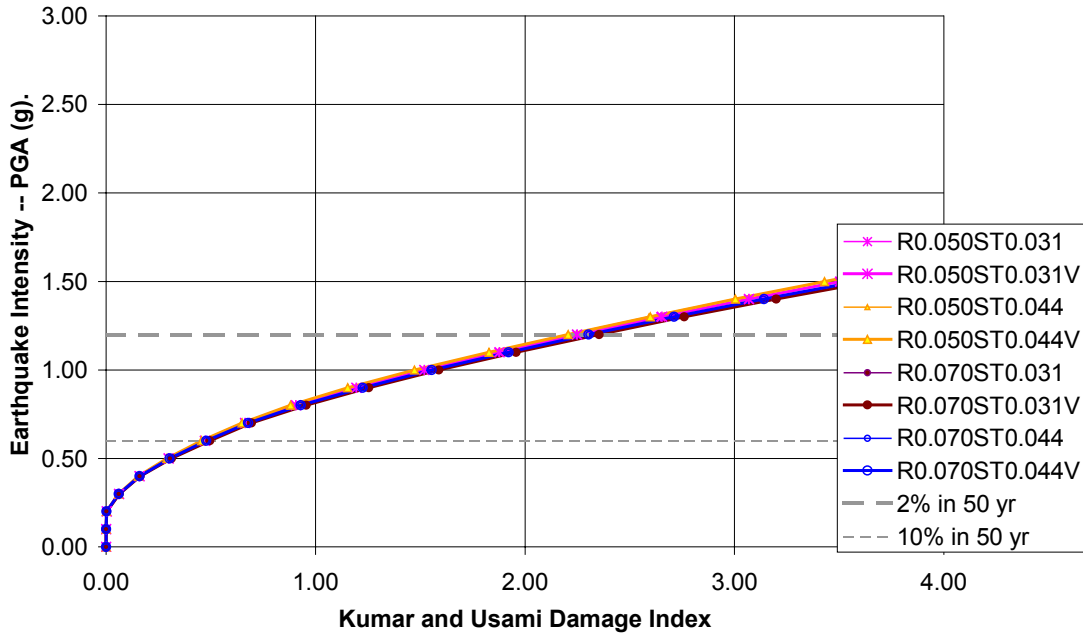


Figure D2.1.7.4e – Kumar and Usami Damage Indices of the Los Angeles 7 Story Models Subjected to the Taft Earthquake (EQ 4).

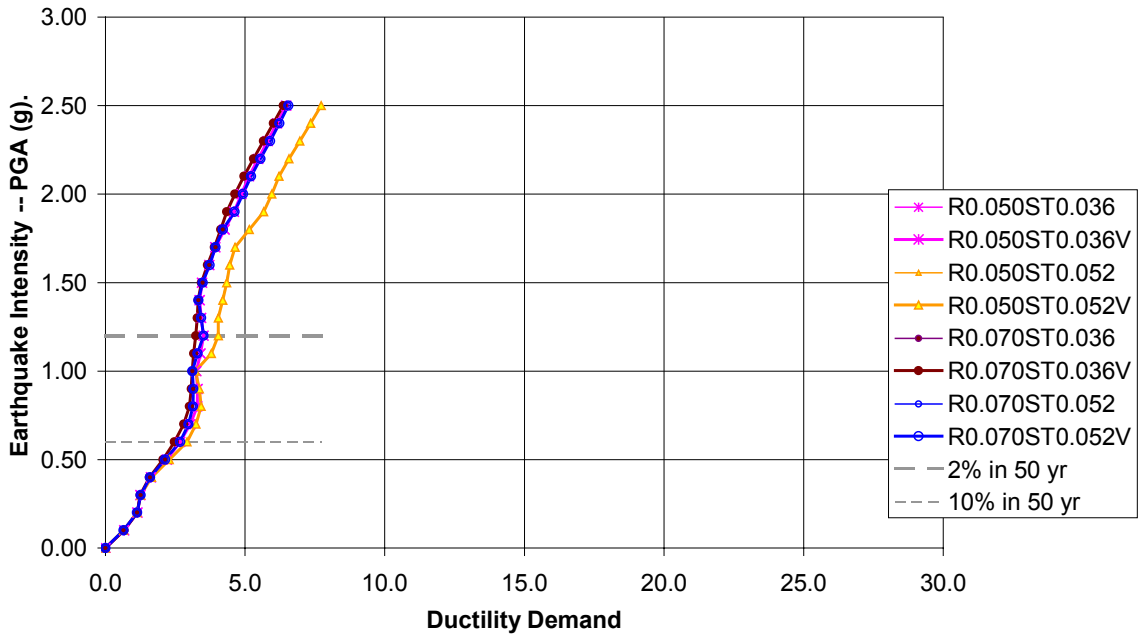


Figure D2.1.7.5a – Ductility Demands of the Los Angeles 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

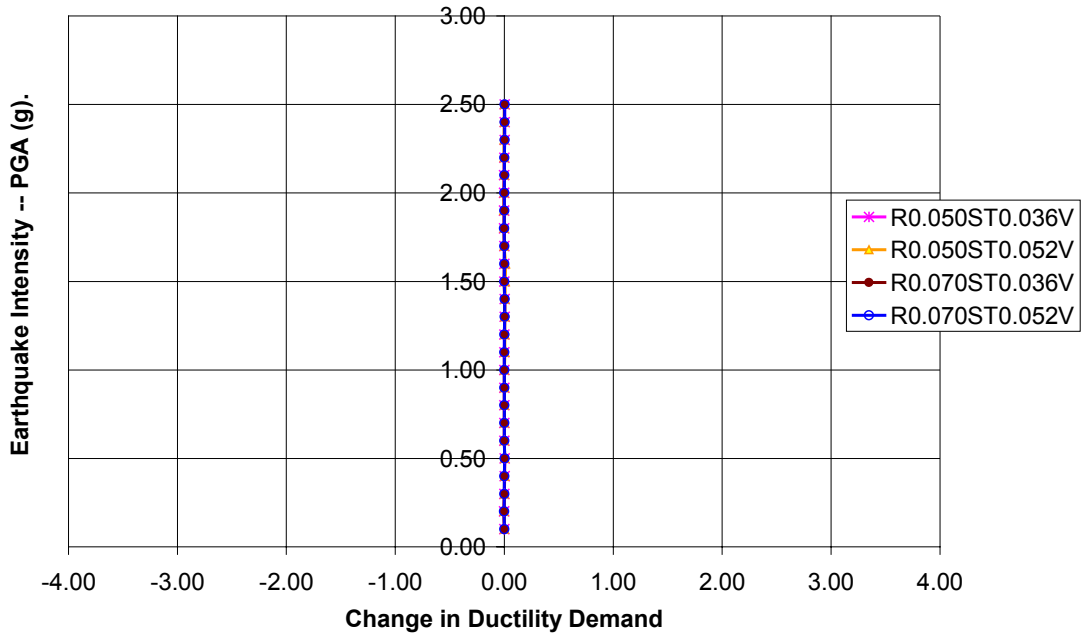


Figure D2.1.7.5b – Change in Ductility Demands Due to Vertical Accelerations for the Los Angeles 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

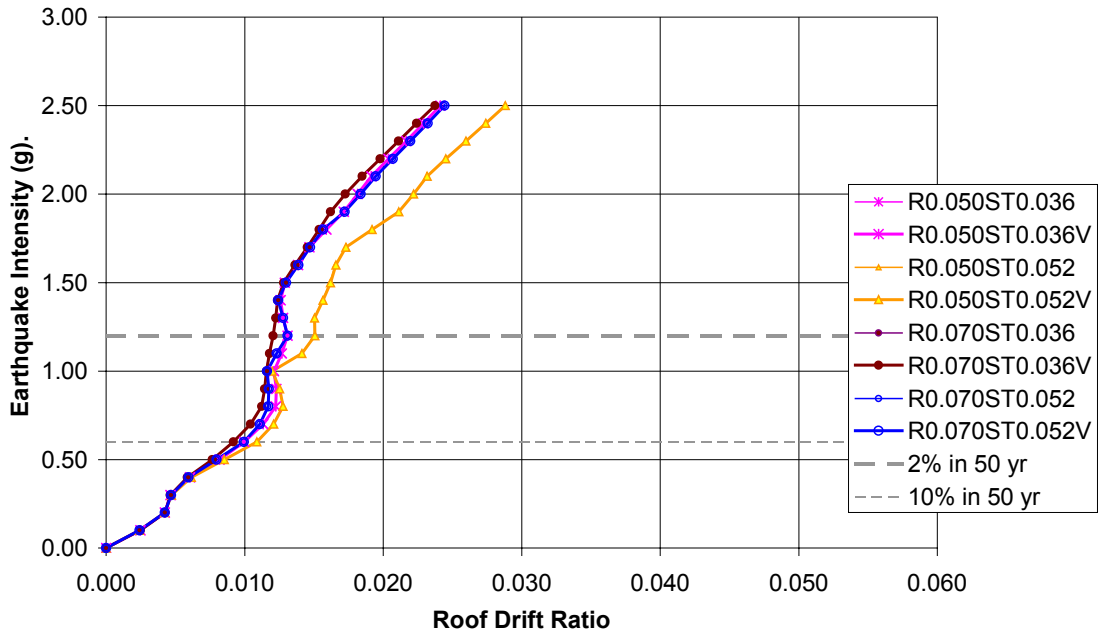


Figure D2.1.7.5c – Roof Drift Ratio of the Los Angeles 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

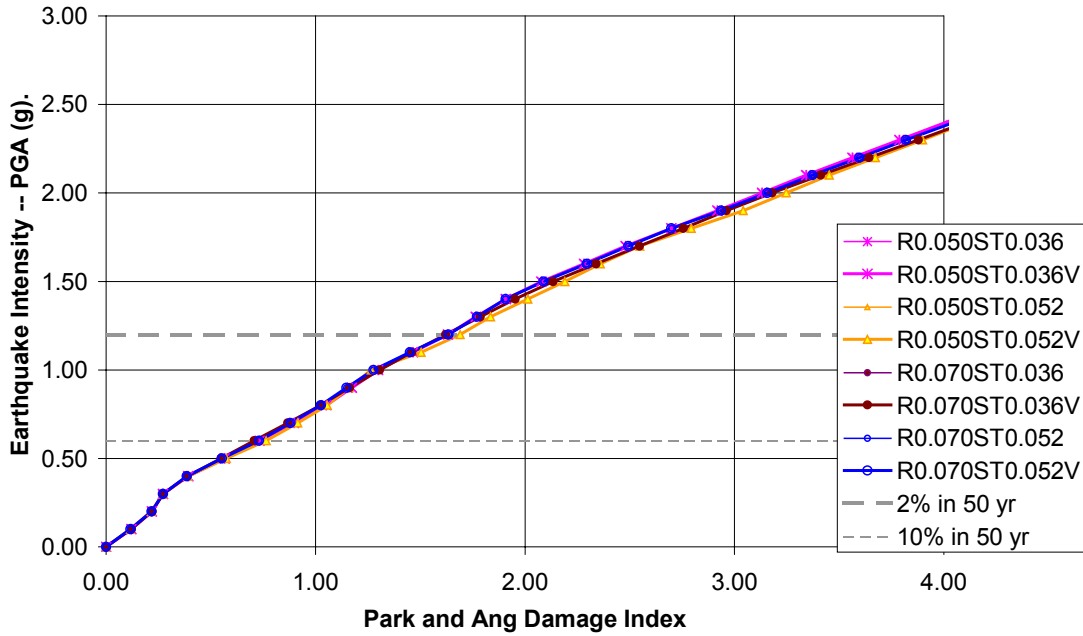


Figure D2.1.7.5d – Park and Ang Damage Indices of the Los Angeles 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

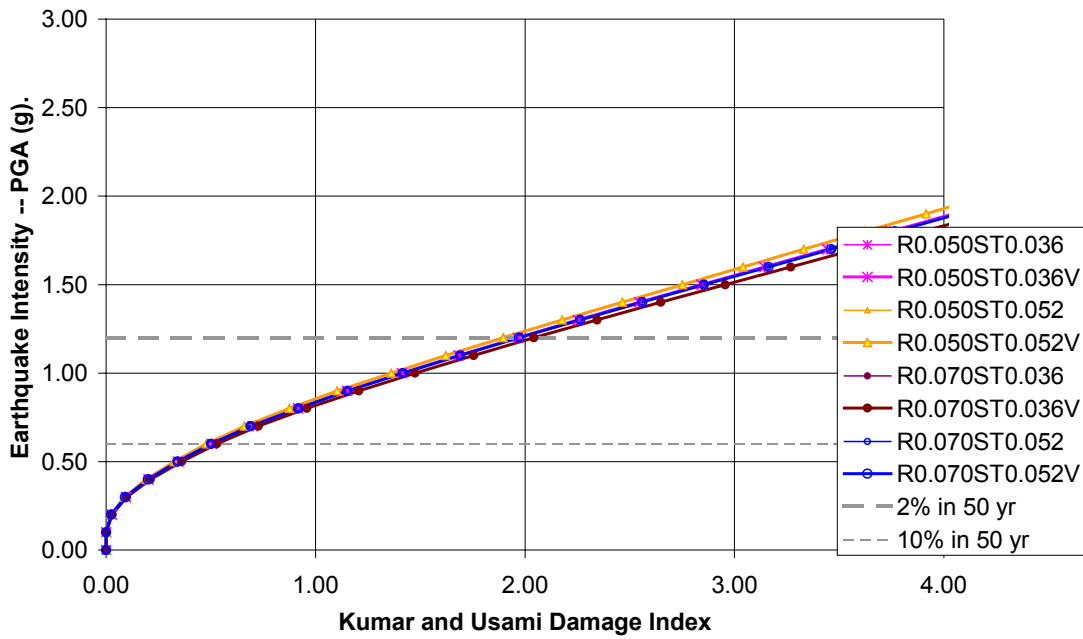


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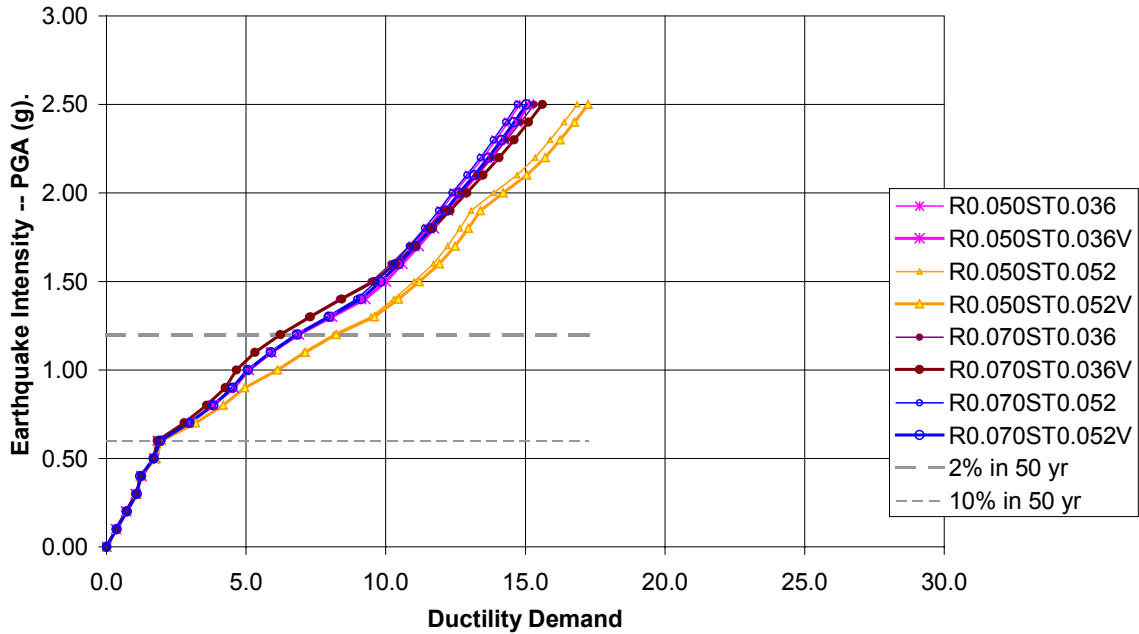


Figure D2.1.7.9a – Ductility Demands of the Los Angeles 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

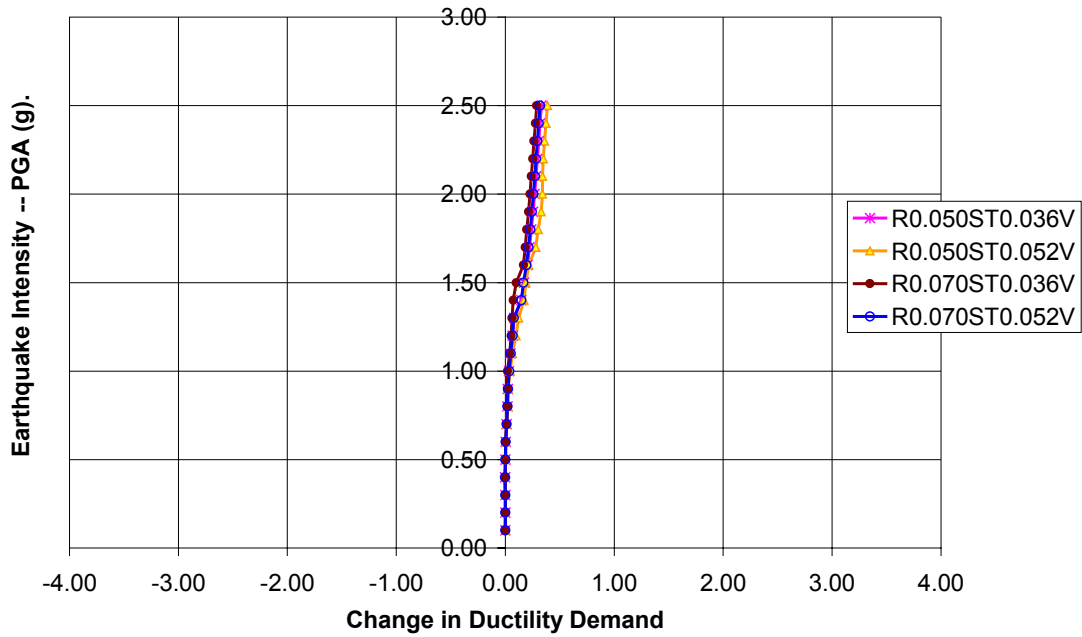


Figure D2.1.7.9b – Change in Ductility Demands Due to Vertical Accelerations for the Los Angeles 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

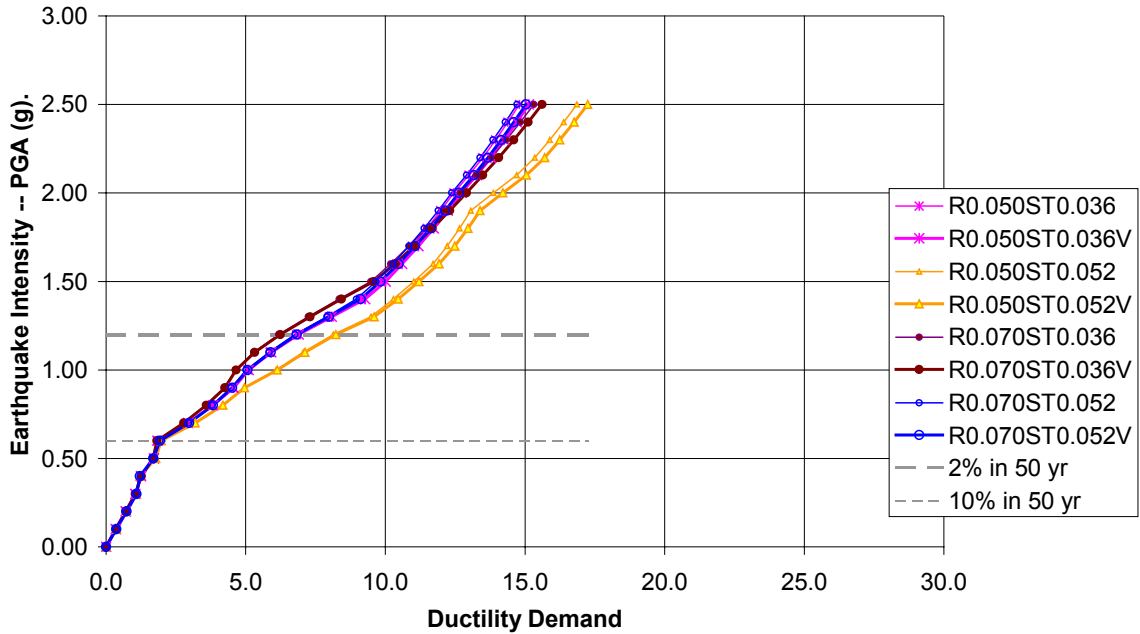


Figure D2.1.7.9c – Roof Drift Ratio of the Los Angeles 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

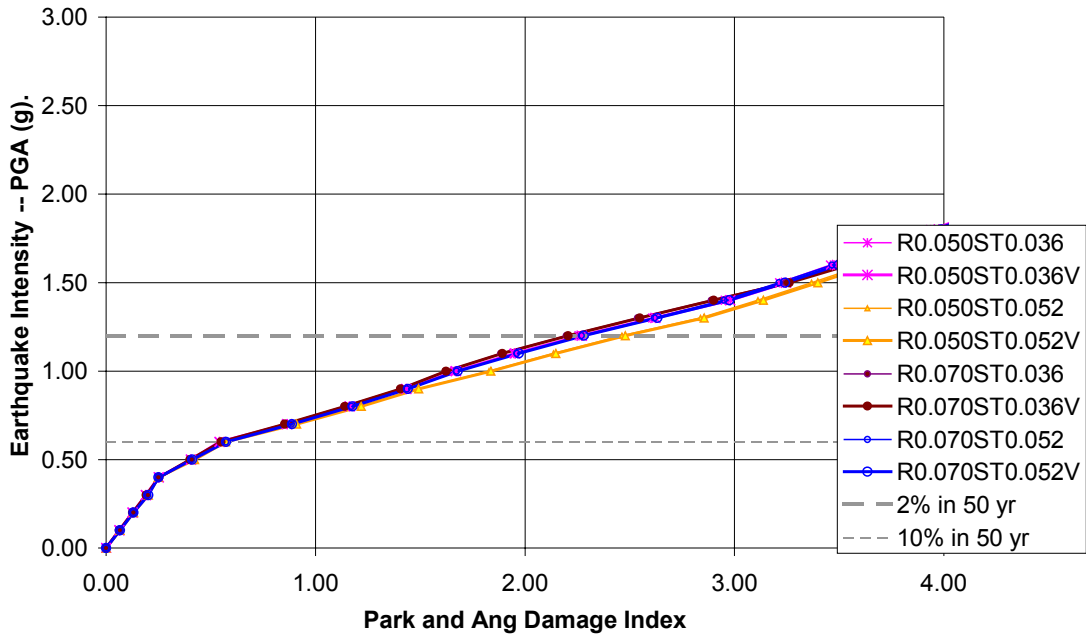


Figure D2.1.7.9d – Park and Ang Damage Indices of the Los Angeles 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

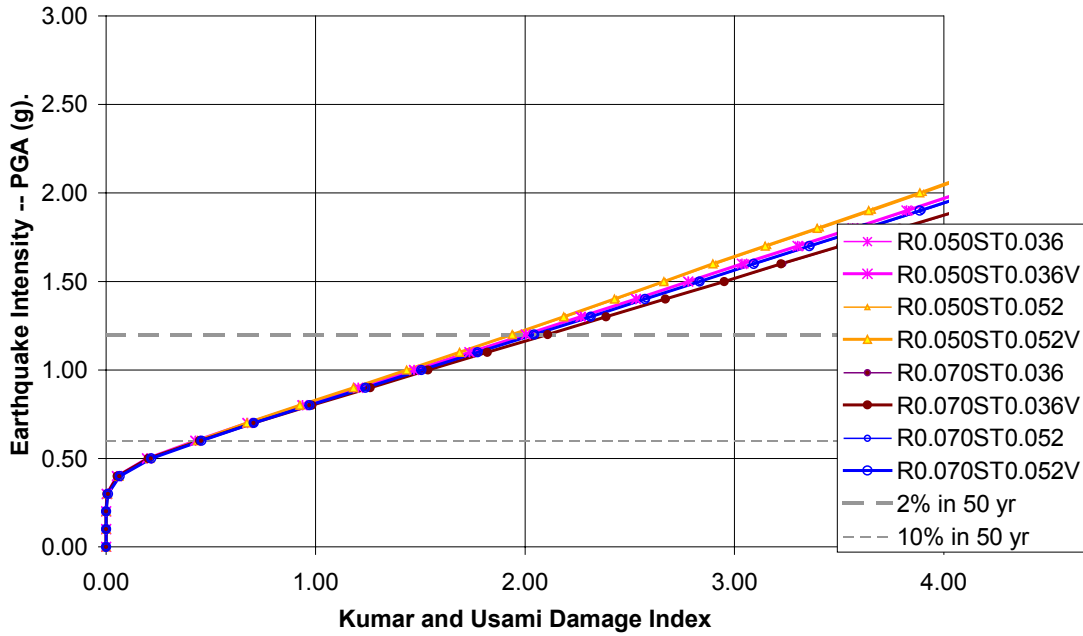


Figure D2.1.7.9e – Kumar and Usami Damage Indices of the Los Angeles 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

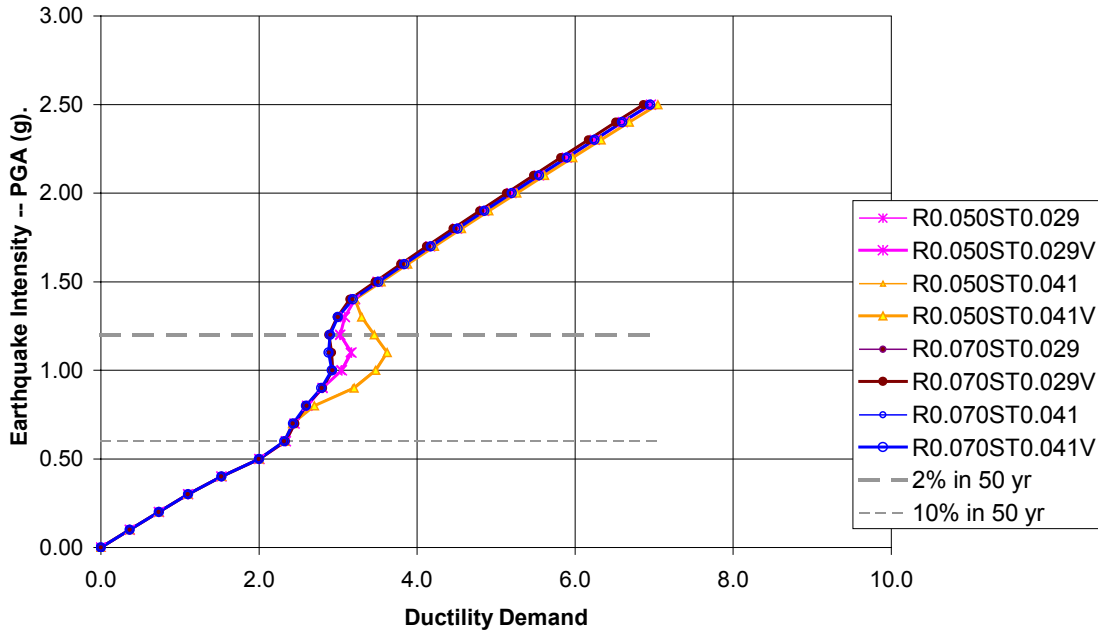


Figure D2.1.9.4a – Ductility Demands of the Los Angeles 9 Story Models Subjected to the Taft Earthquake (EQ 4).

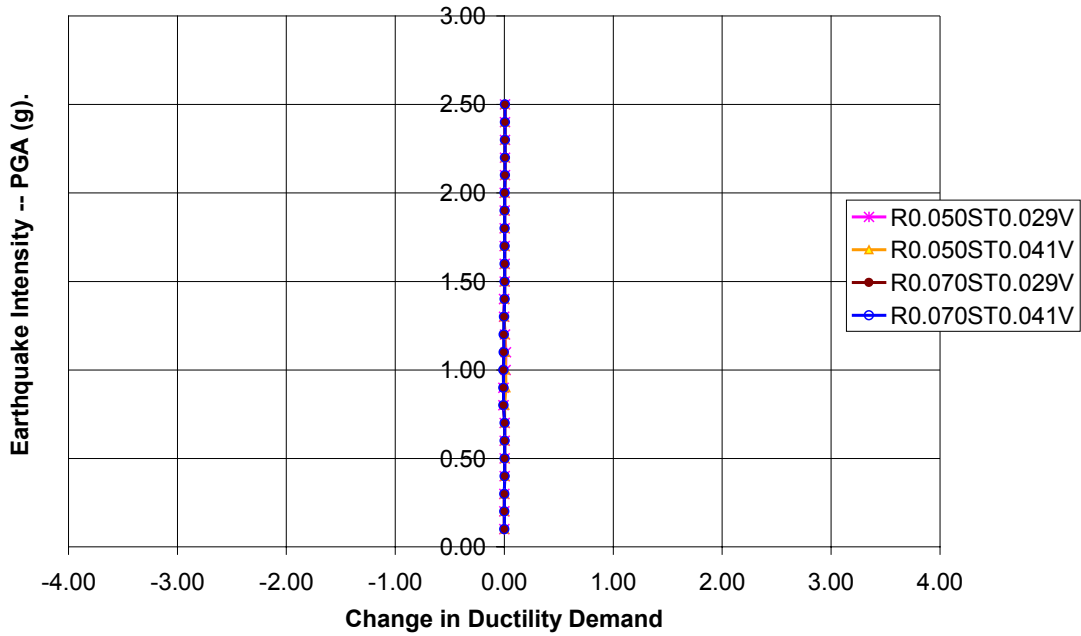


Figure D2.1.9.4b – Change in Ductility Demands Due to Vertical Accelerations for the Los Angeles 9 Story Models Subjected to the Taft Earthquake (EQ 4).

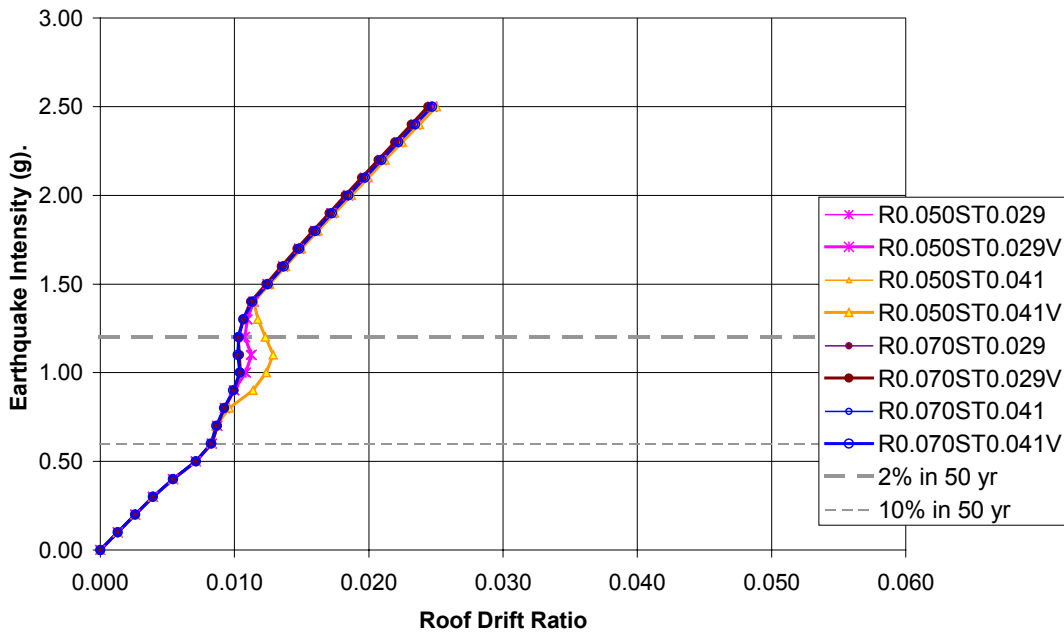


Figure D2.1.9.4c – Roof Drift Ratio of the Los Angeles 9 Story Models Subjected to the Taft Earthquake (EQ 4).

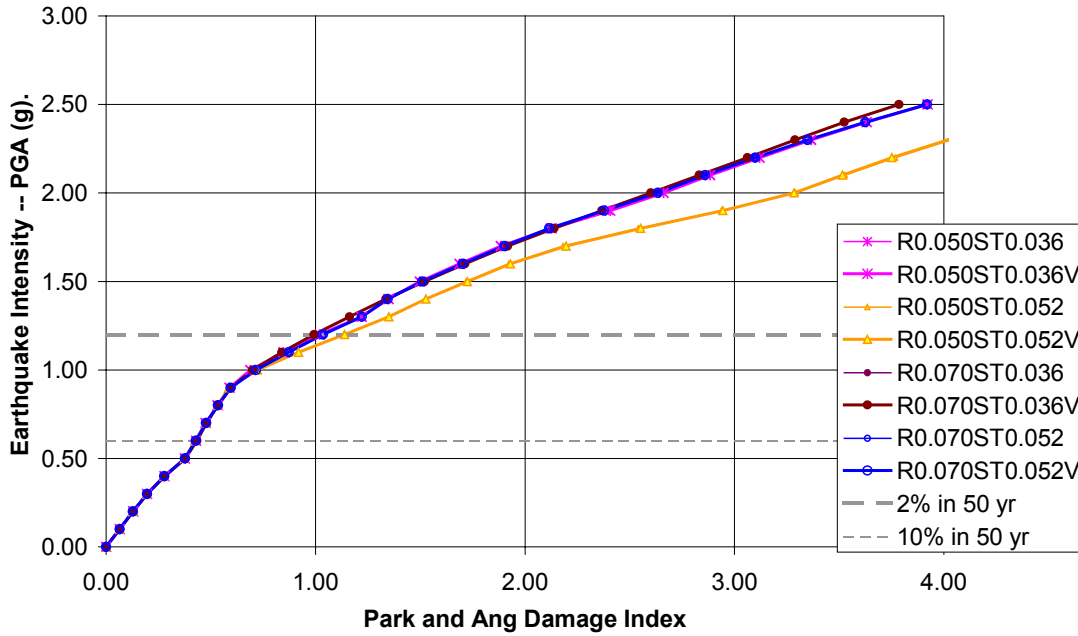


Figure D2.1.9.4d – Park and Ang Damage Indices of the Los Angeles 9 Story Models Subjected to the Taft Earthquake (EQ 4).

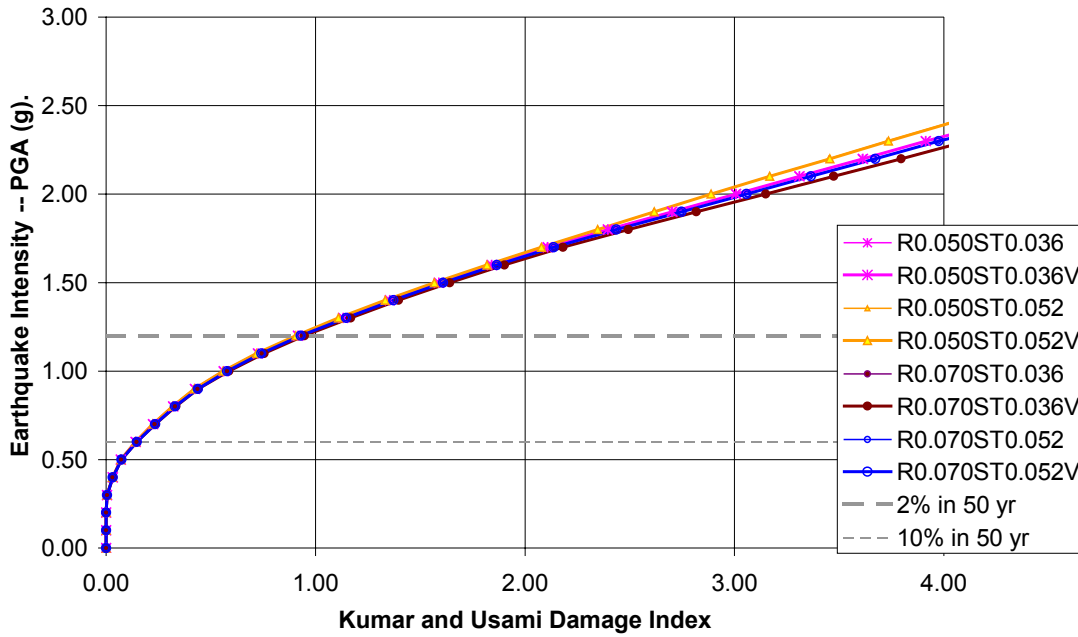


Figure D2.1.9.4e – Kumar and Usami Damage Indices of the Los Angeles 9 Story Models Subjected to the Taft Earthquake (EQ 4).

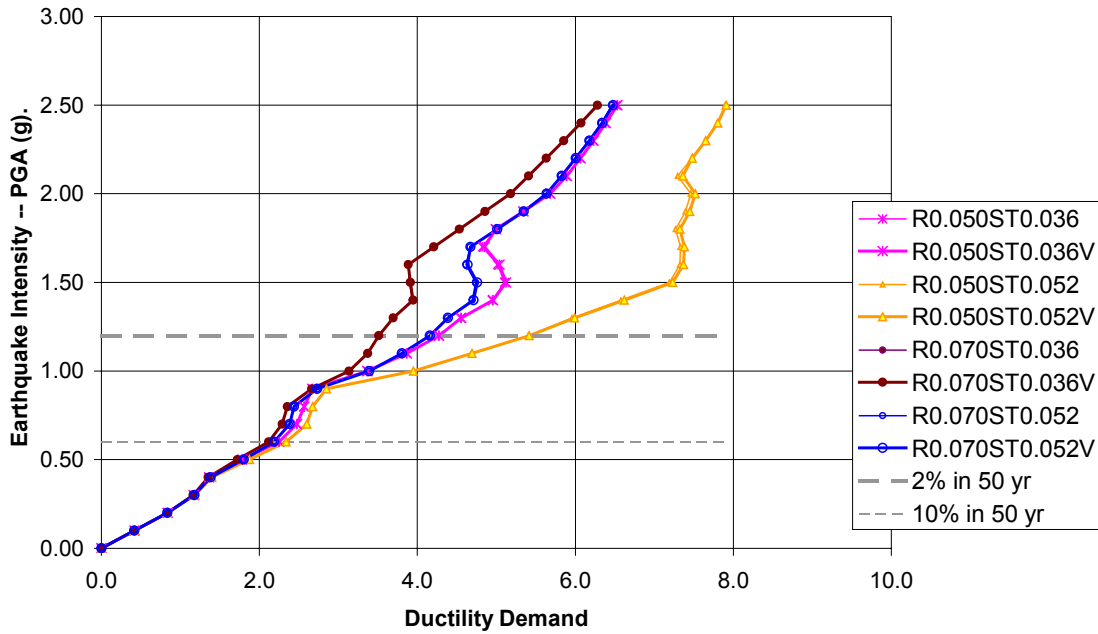


Figure D2.1.9.5a – Ductility Demands of the Los Angeles 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

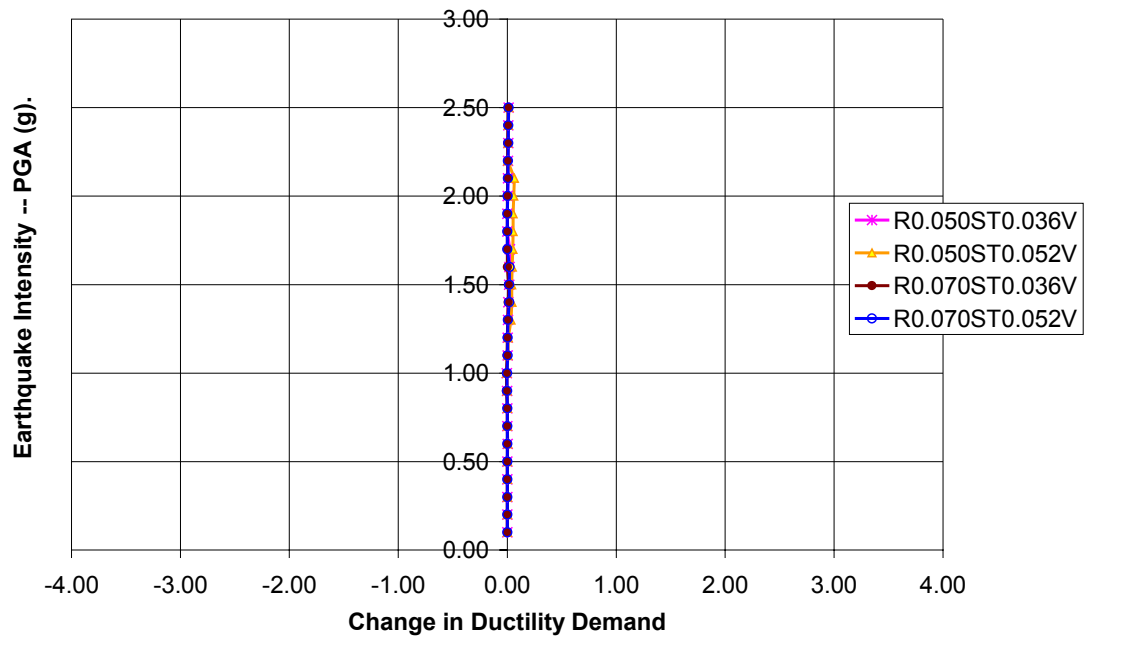


Figure D2.1.9.5b – Change in Ductility Demands Due to Vertical Accelerations for the Los Angeles 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

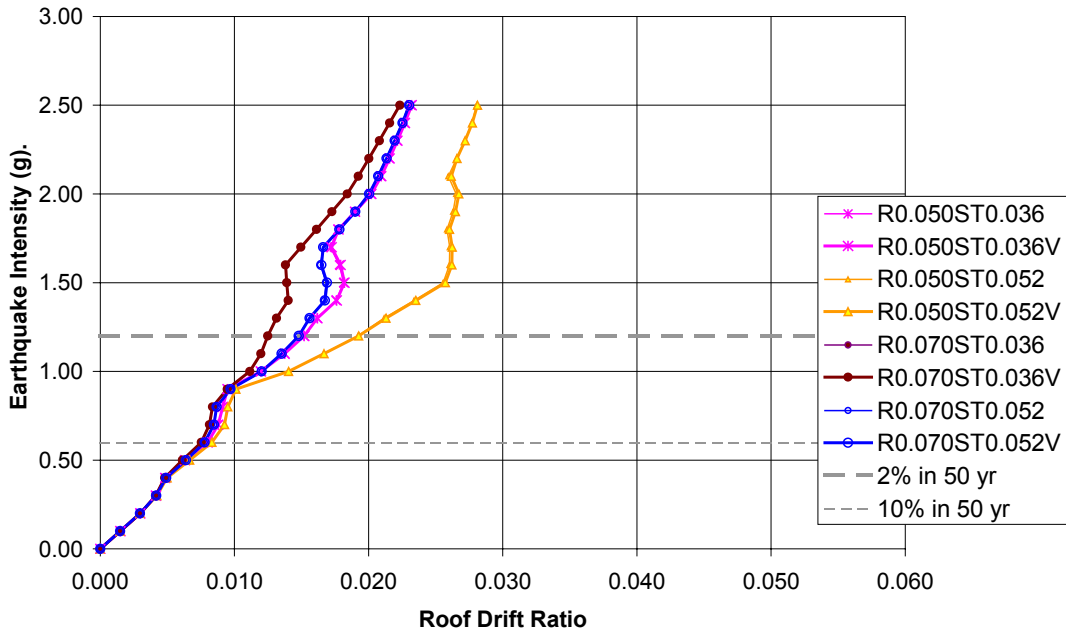


Figure D2.1.9.5c – Roof Drift Ratio of the Los Angeles 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

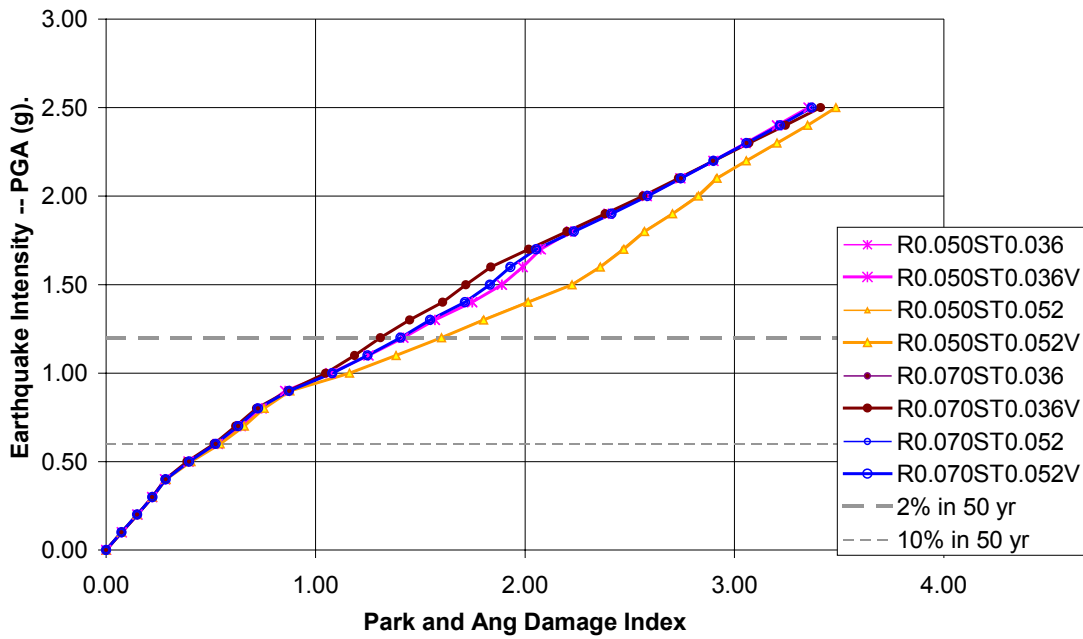


Figure D2.1.9.5d – Park and Ang Damage Indices of the Los Angeles 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

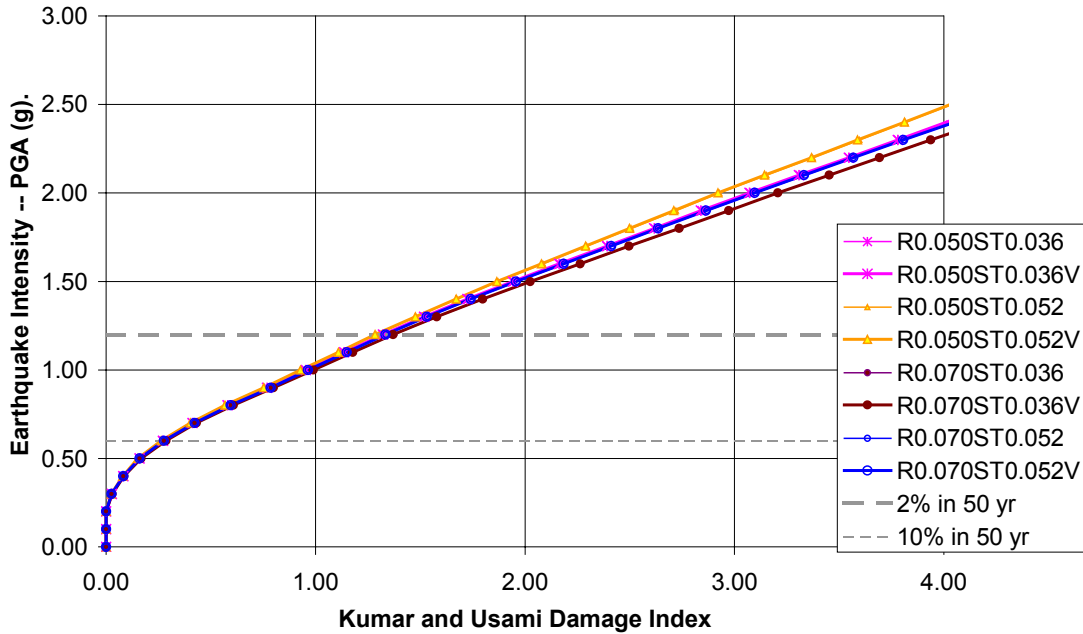


Figure D2.1.9.5e – Kumar and Usami Damage Indices of the Los Angeles 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

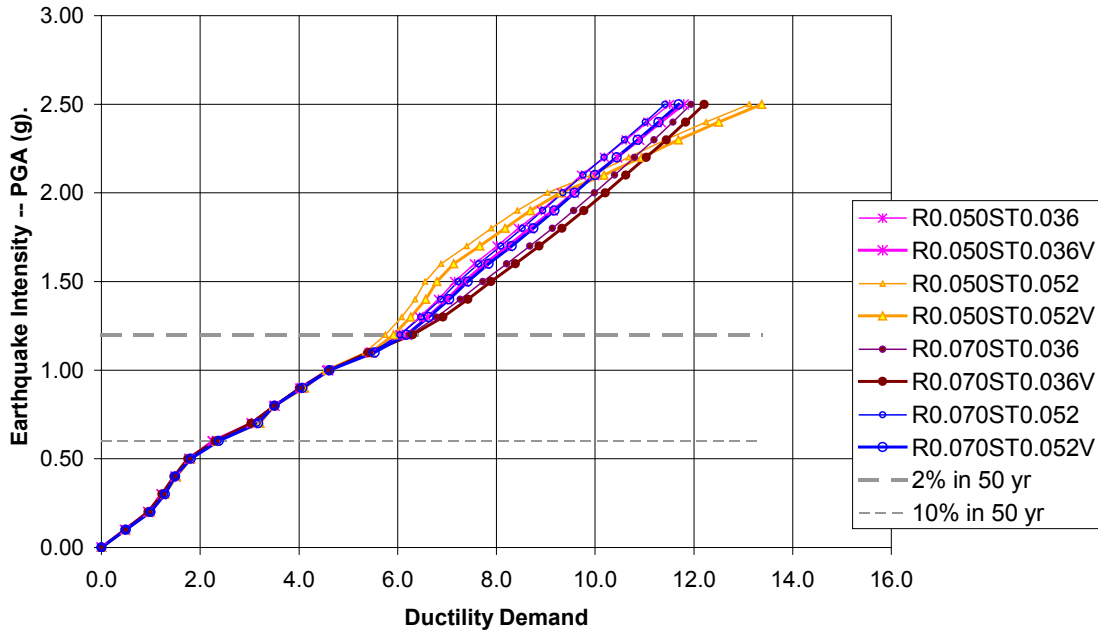


Figure D2.1.9.9a – Ductility Demands of the Los Angeles 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

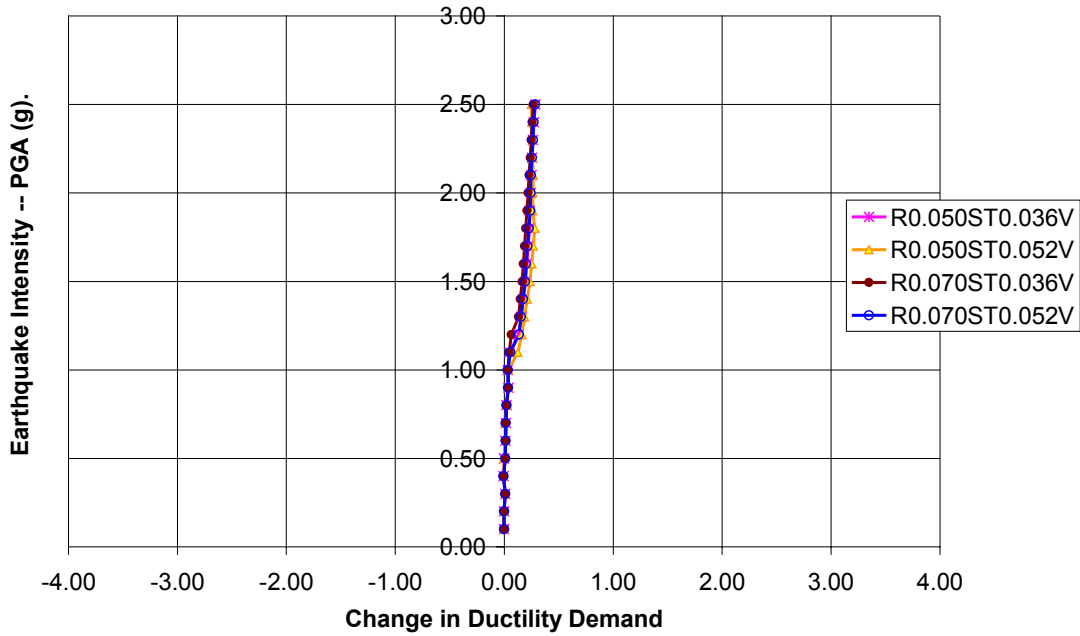


Figure D2.1.9.9b – Change in Ductility Demands Due to Vertical Accelerations for the Los Angeles 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

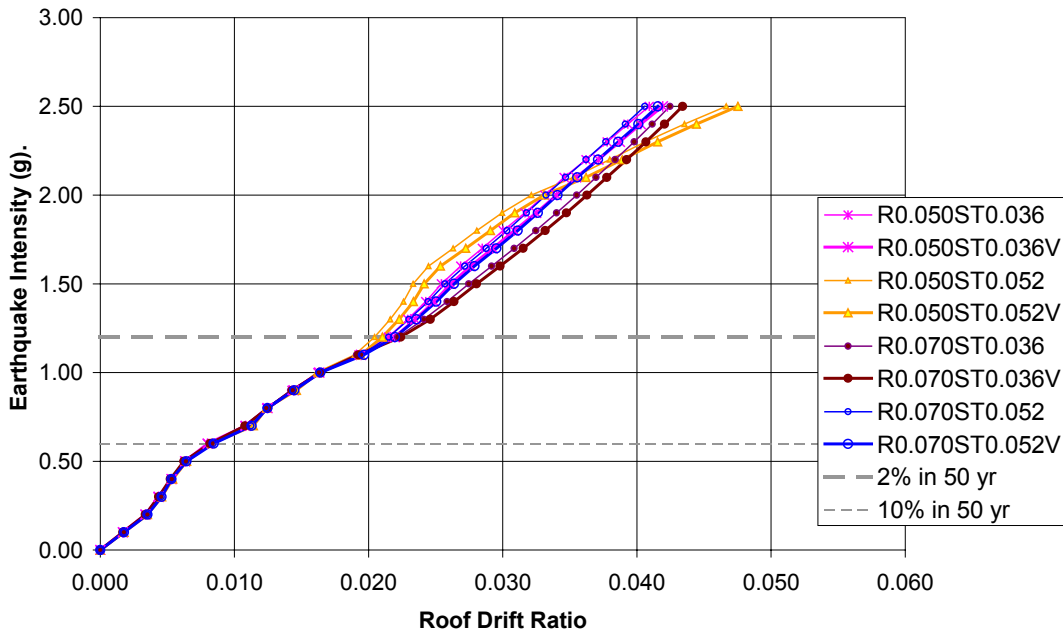


Figure D2.1.9.9c – Roof Drift Ratio of the Los Angeles 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

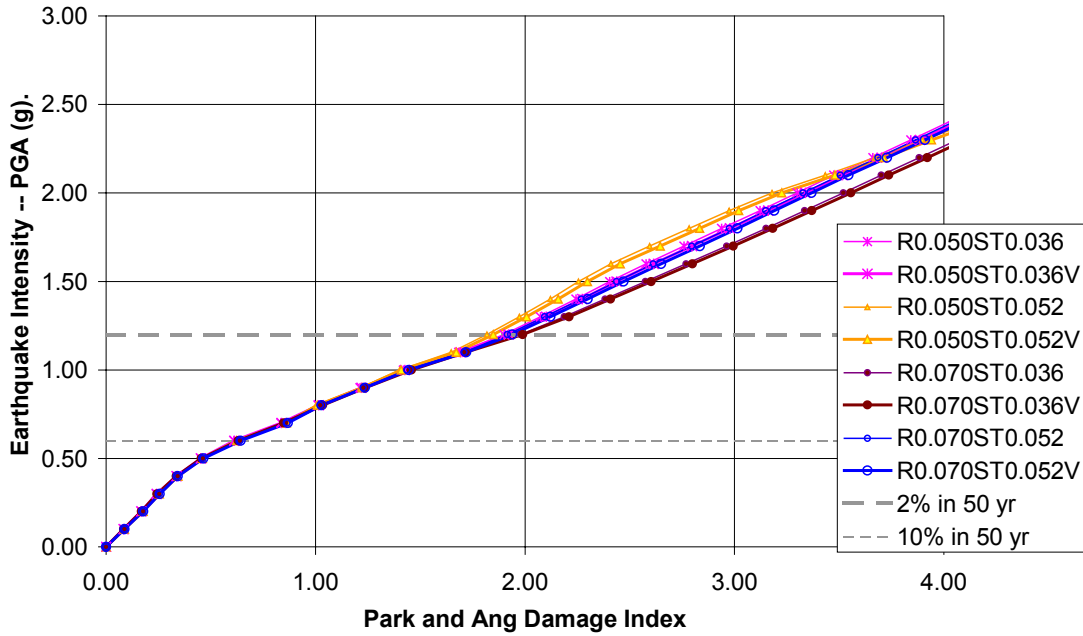


Figure D2.1.9.9d – Park and Ang Damage Indices of the Los Angeles 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

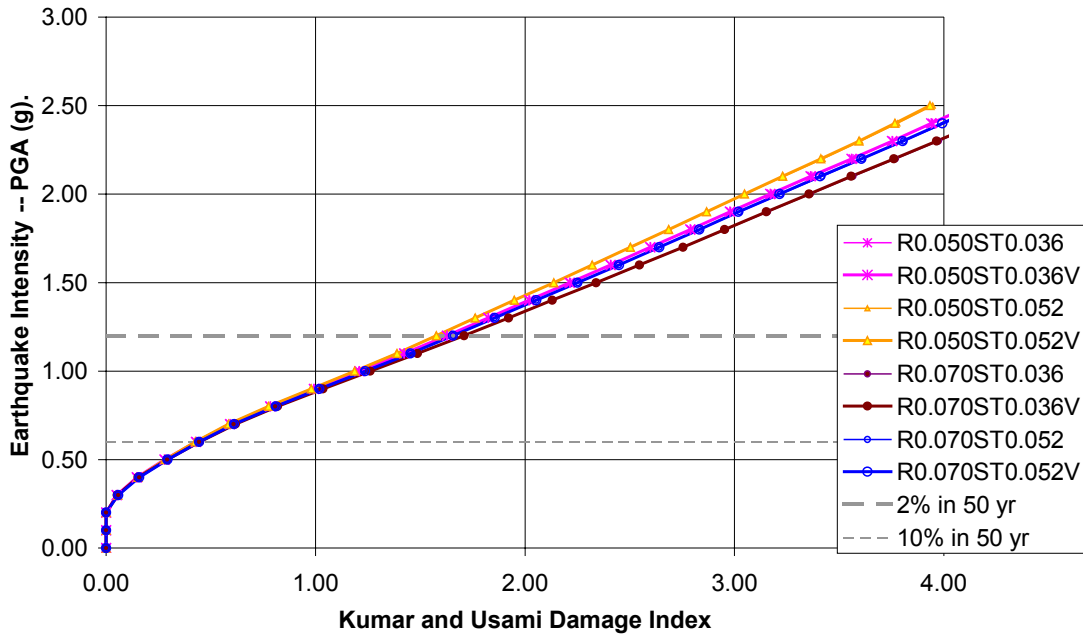


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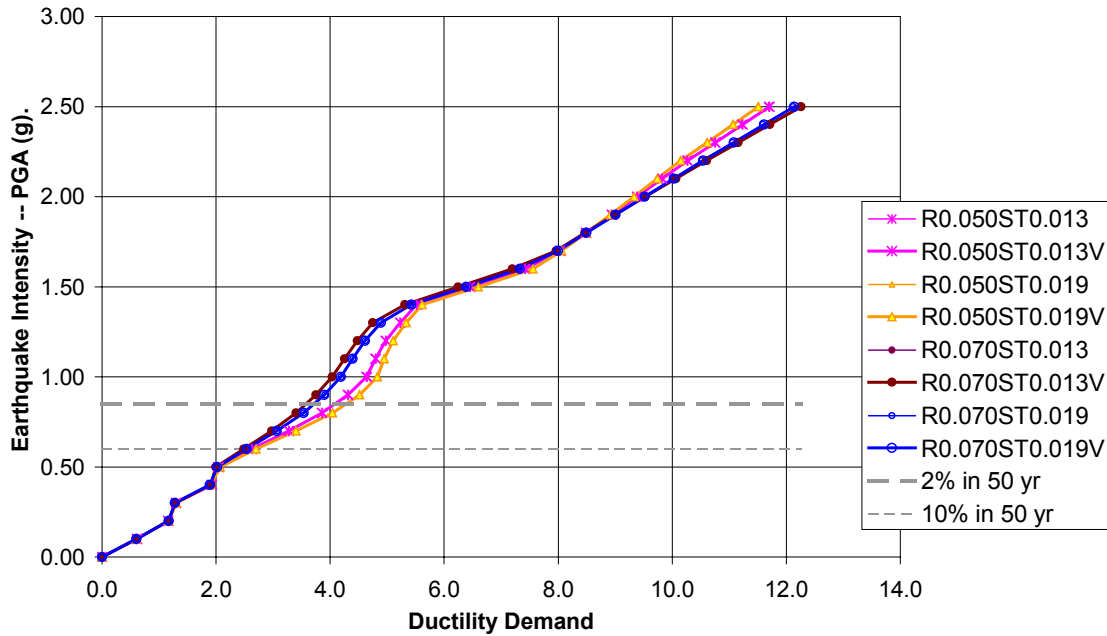


Figure D2.2.3.4a – Ductility Demands of the San Francisco A 3 Story Models Subjected to the Taft Earthquake (EQ 4).

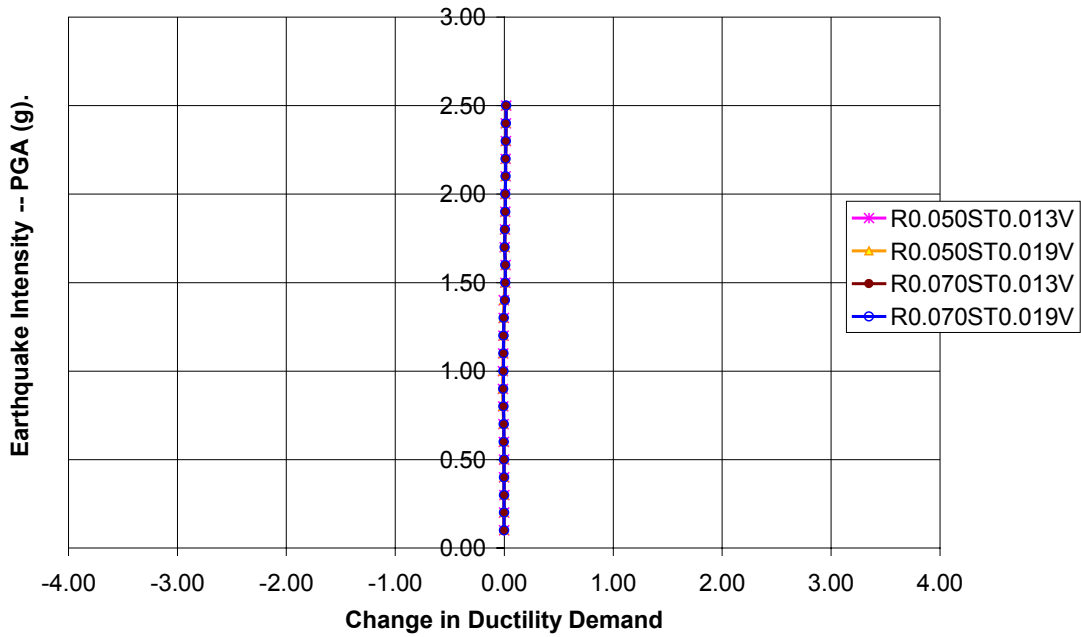


Figure D2.2.3.4b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco A 3 Story Models Subjected to the Taft Earthquake (EQ 4).

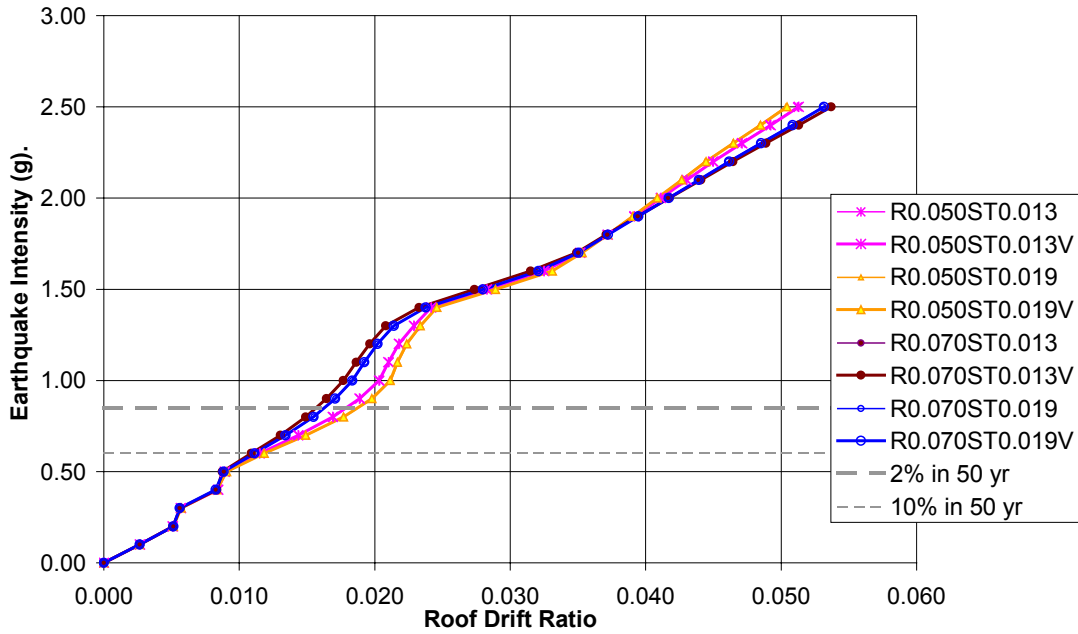


Figure D2.2.3.4c – Roof Drift Ratio of the San Francisco A 3 Story Models Subjected to the Taft Earthquake (EQ 4).

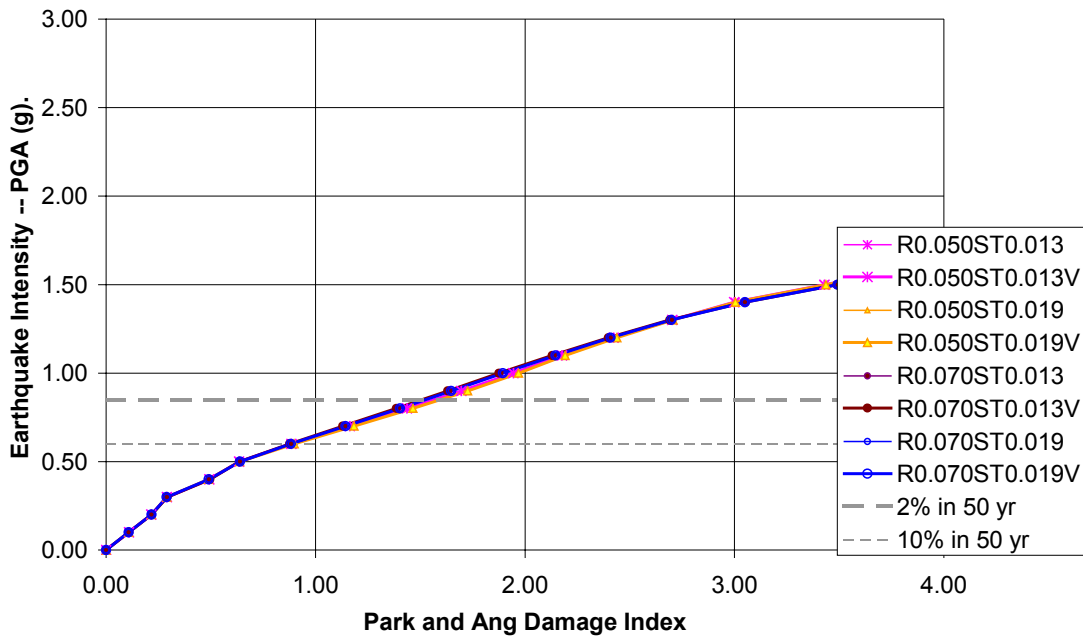


Figure D2.2.3.4d – Park and Ang Damage Indices of the San Francisco A 3 Story Models Subjected to the Taft Earthquake (EQ 4).

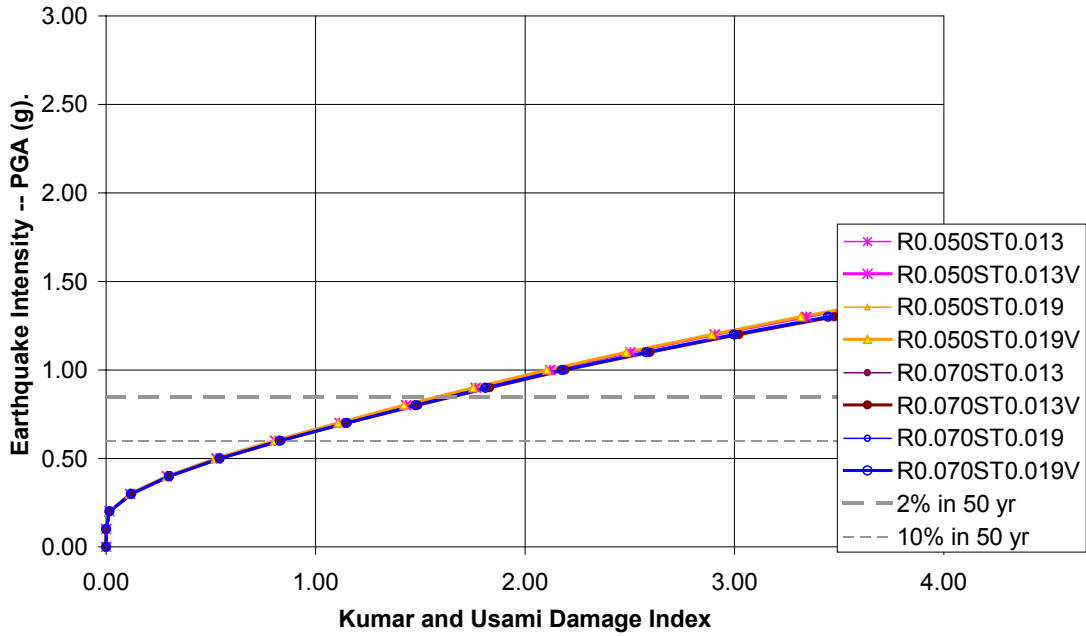


Figure D2.2.3.4e – Kumar and Usami Damage Indices of the San Francisco A 3 Story Models Subjected to the Taft Earthquake (EQ 4).

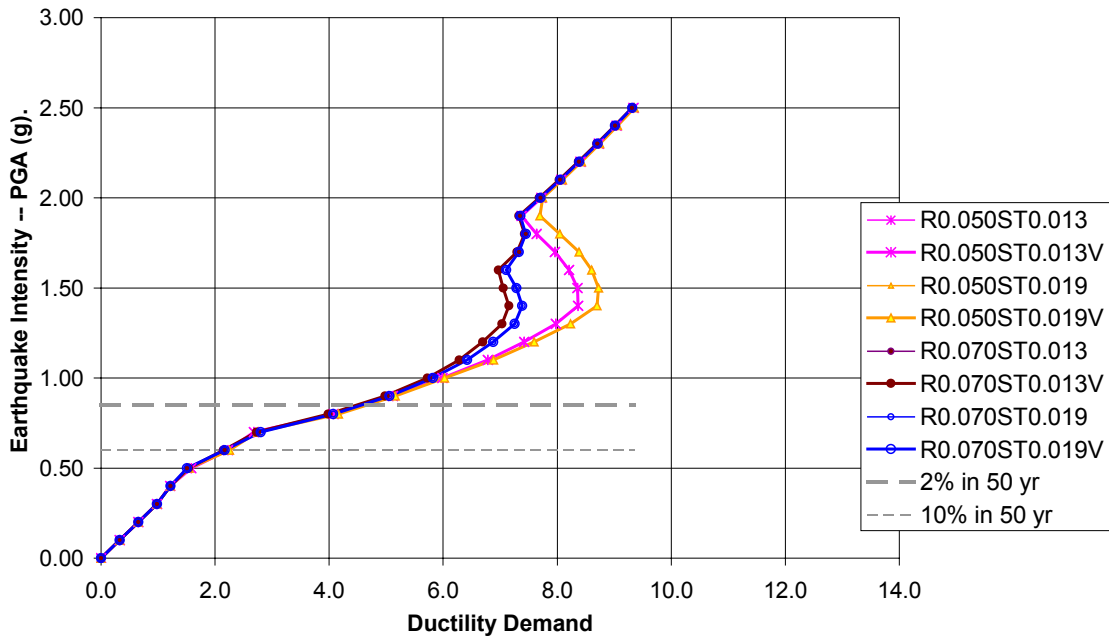


Figure D2.2.3.5a – Ductility Demands of the San Francisco A 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

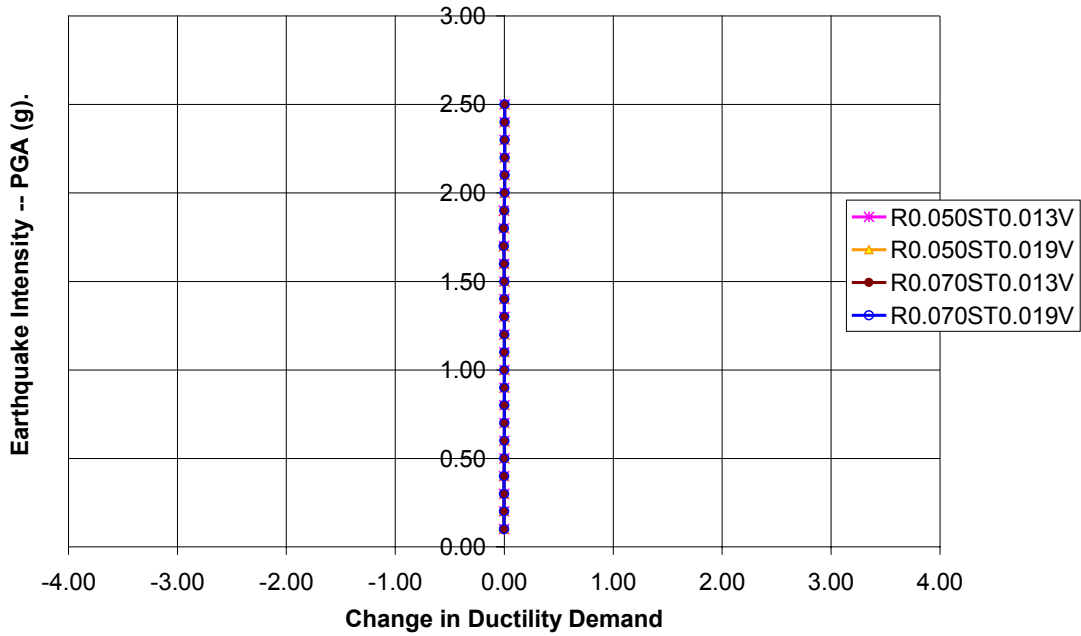


Figure D2.2.3.5b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco A 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

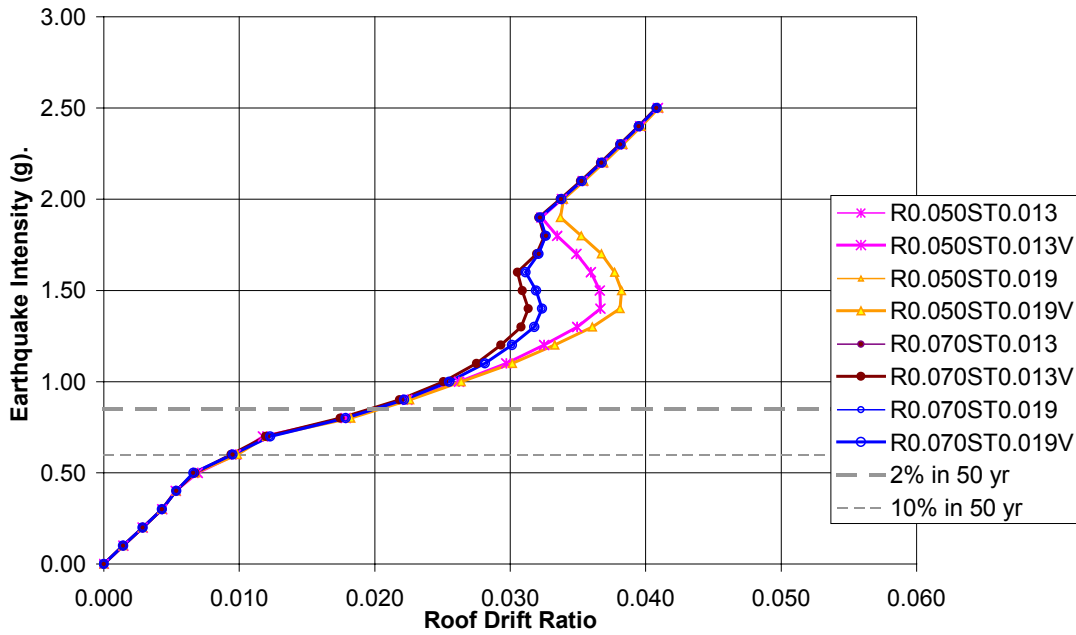


Figure D2.2.3.5c – Roof Drift Ratio of the San Francisco A 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

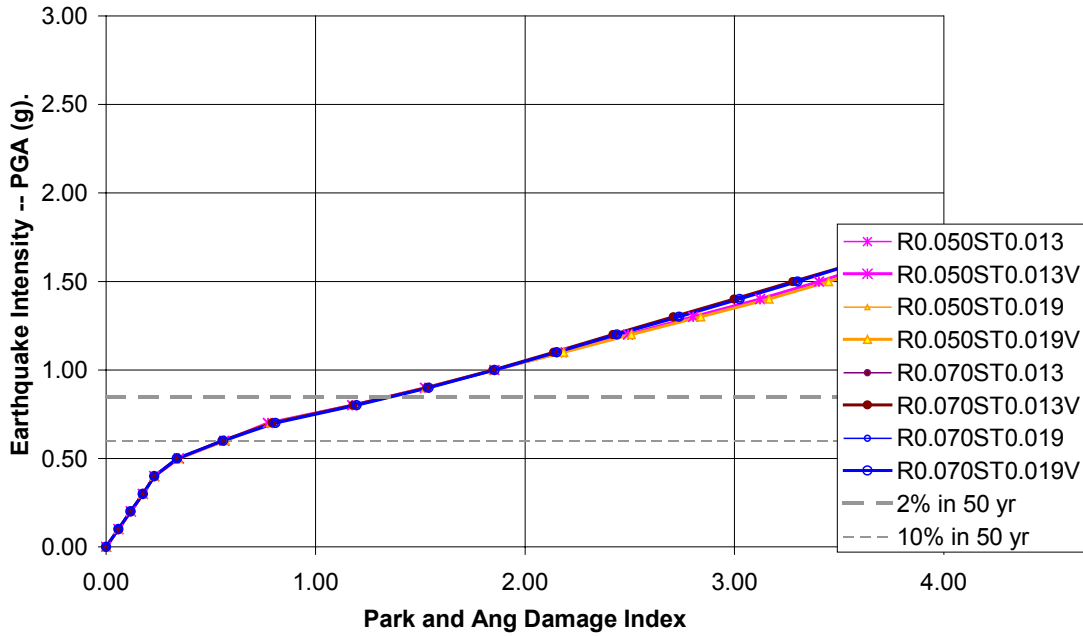


Figure D2.2.3.5d – Park and Ang Damage Indices of the San Francisco A 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

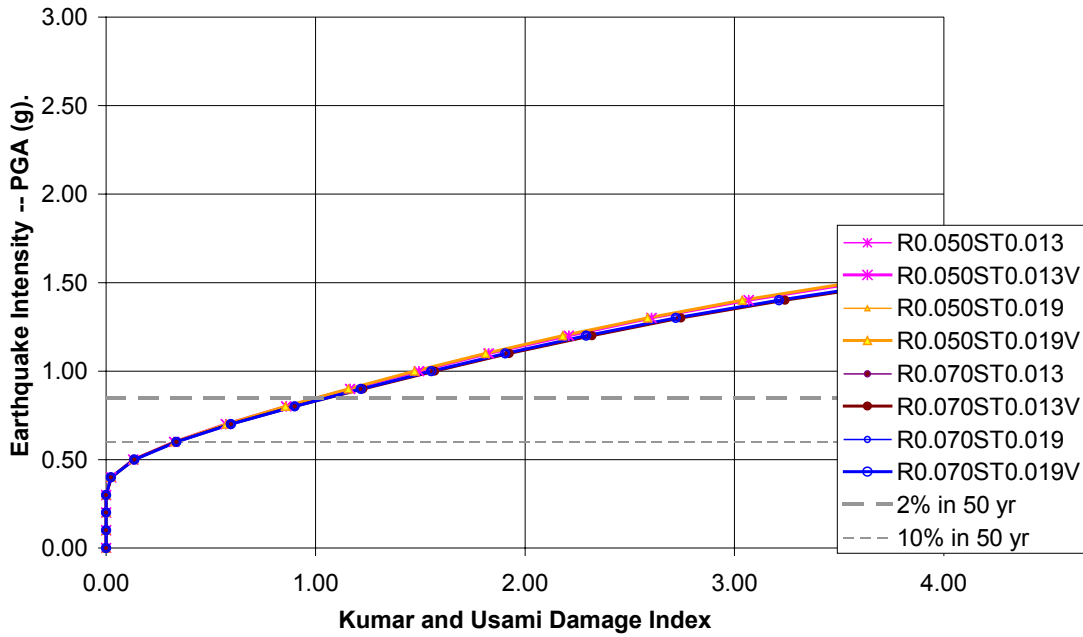


Figure D2.2.3.5e – Kumar and Usami Damage Indices of the San Francisco A 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

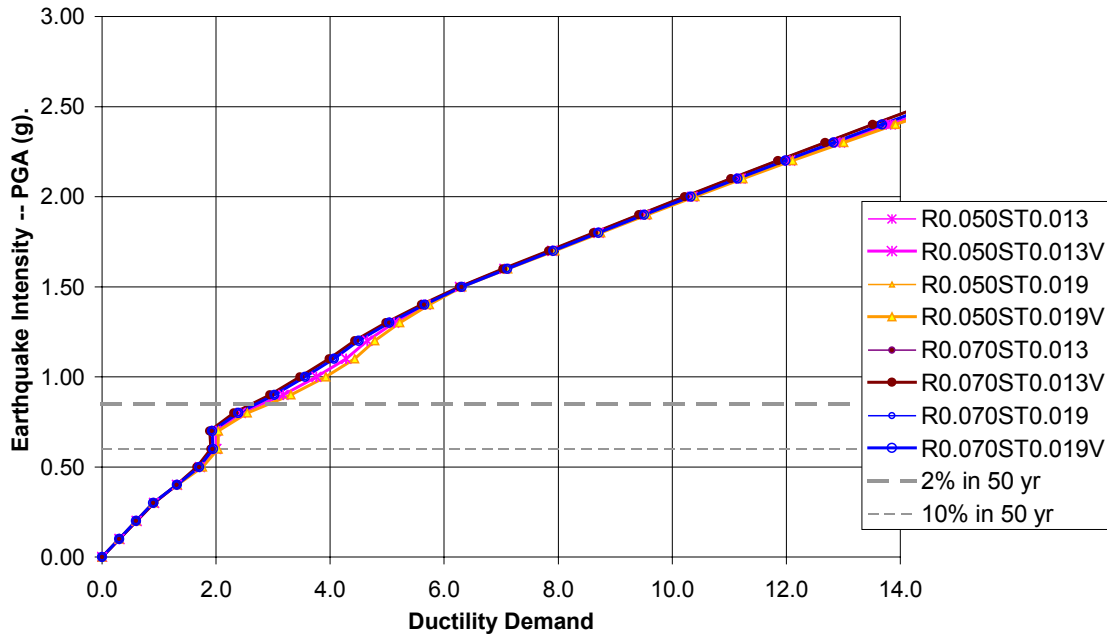


Figure D2.2.3.9a – Ductility Demands of the San Francisco A 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

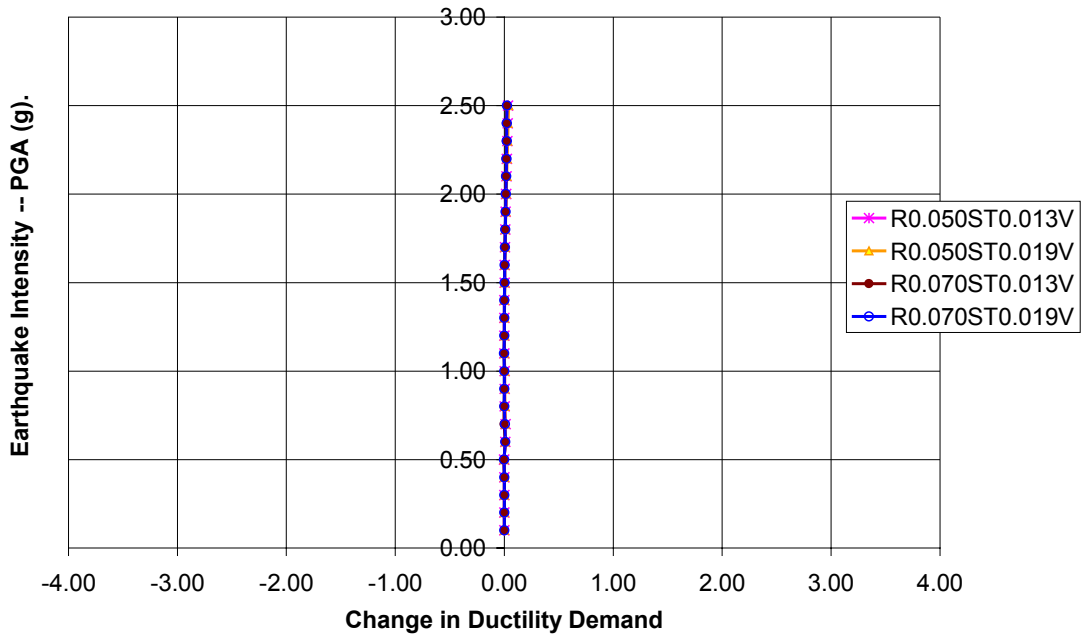


Figure D2.2.3.9b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco A 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

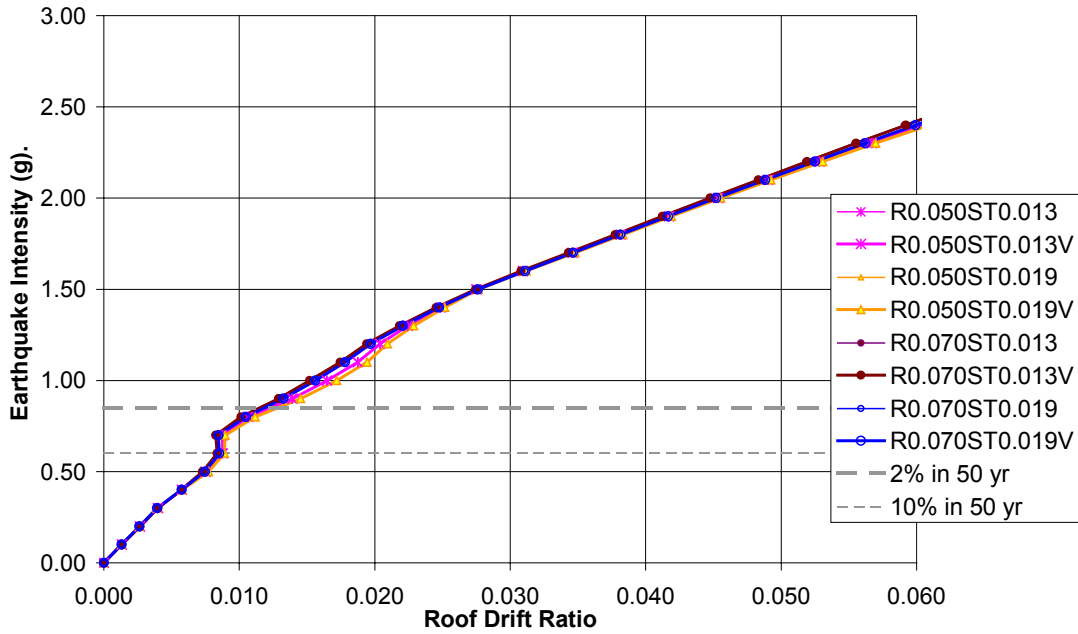


Figure D2.2.3.9c – Roof Drift Ratio of the San Francisco A 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

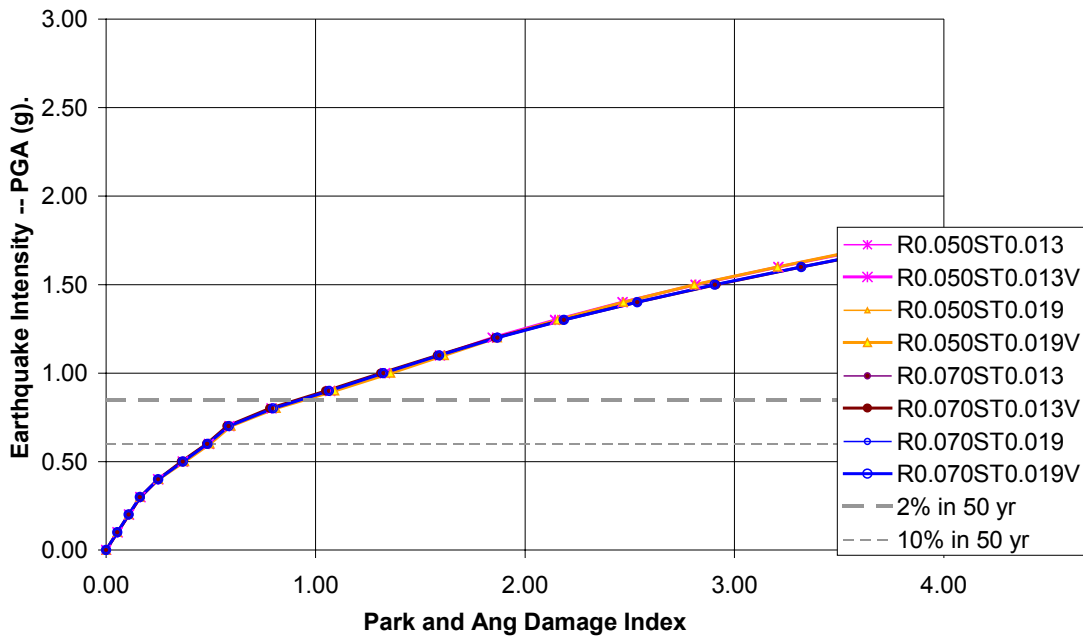


Figure D2.2.3.9d – Park and Ang Damage Indices of the San Francisco A 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

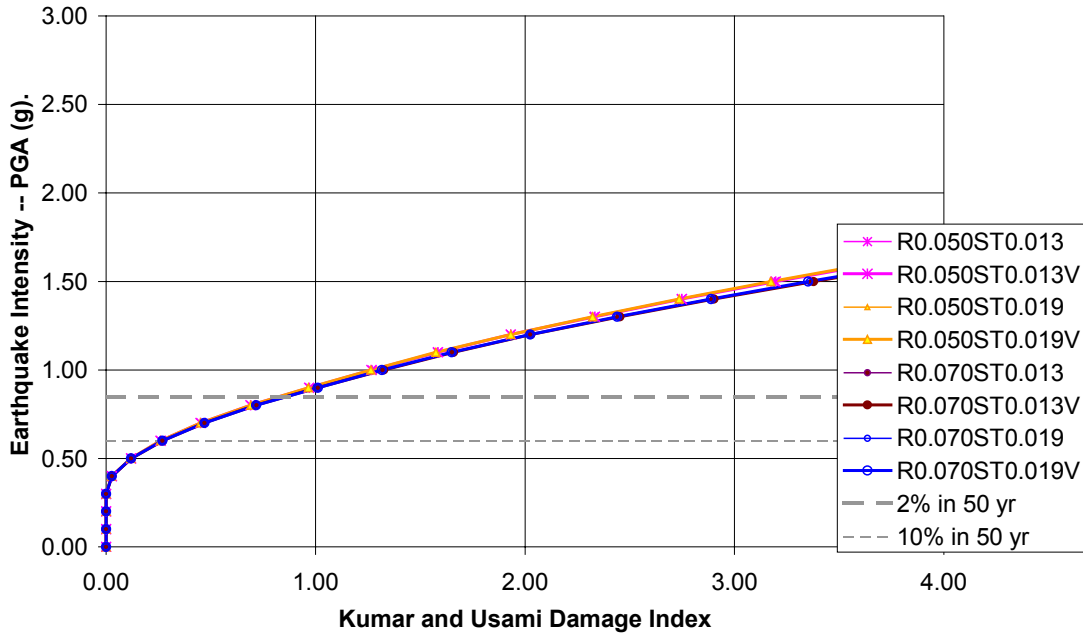


Figure D2.2.3.9e – Kumar and Usami Damage Indices of the San Francisco A 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

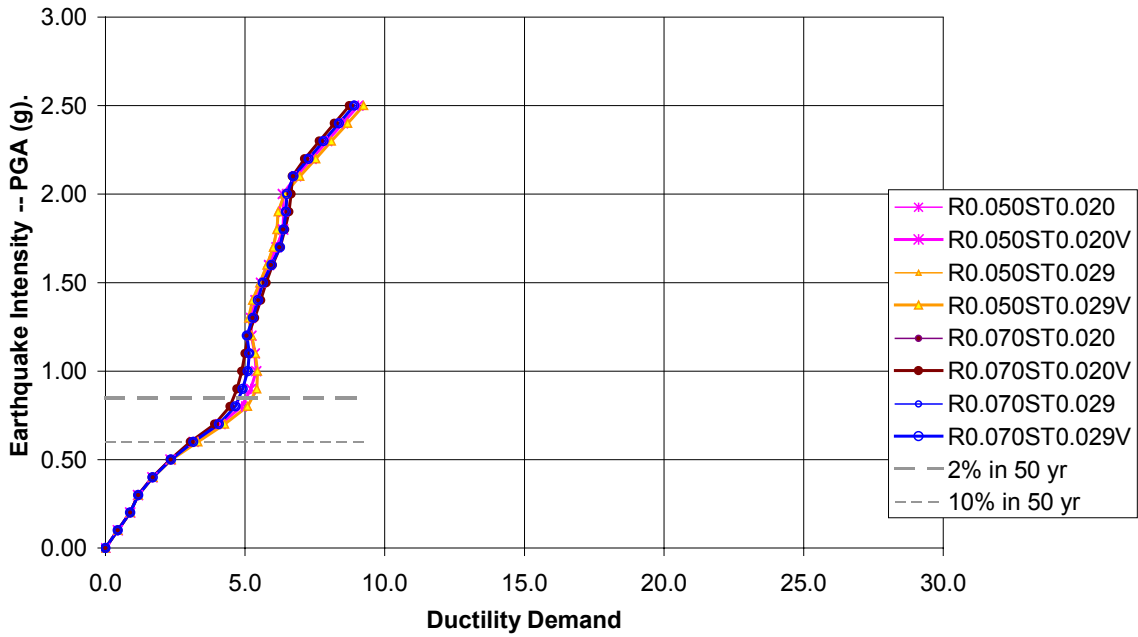


Figure D2.2.5.4a – Ductility Demands of the San Francisco A 5 Story Models Subjected to the Taft Earthquake (EQ 4).

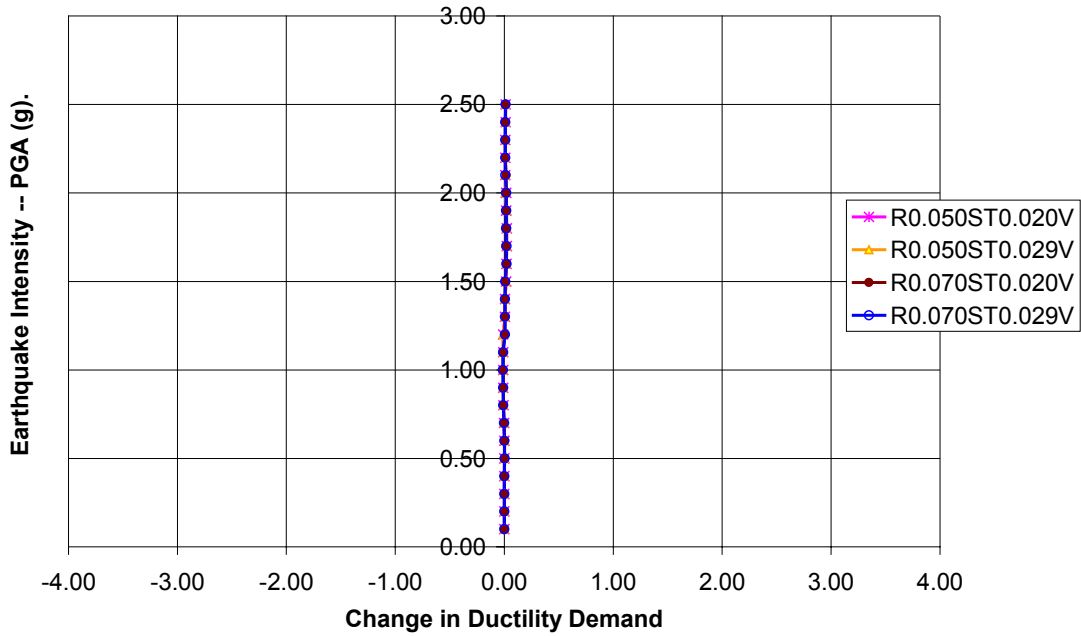


Figure D2.2.5.4b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco A 5 Story Models Subjected to the Taft Earthquake (EQ 4).

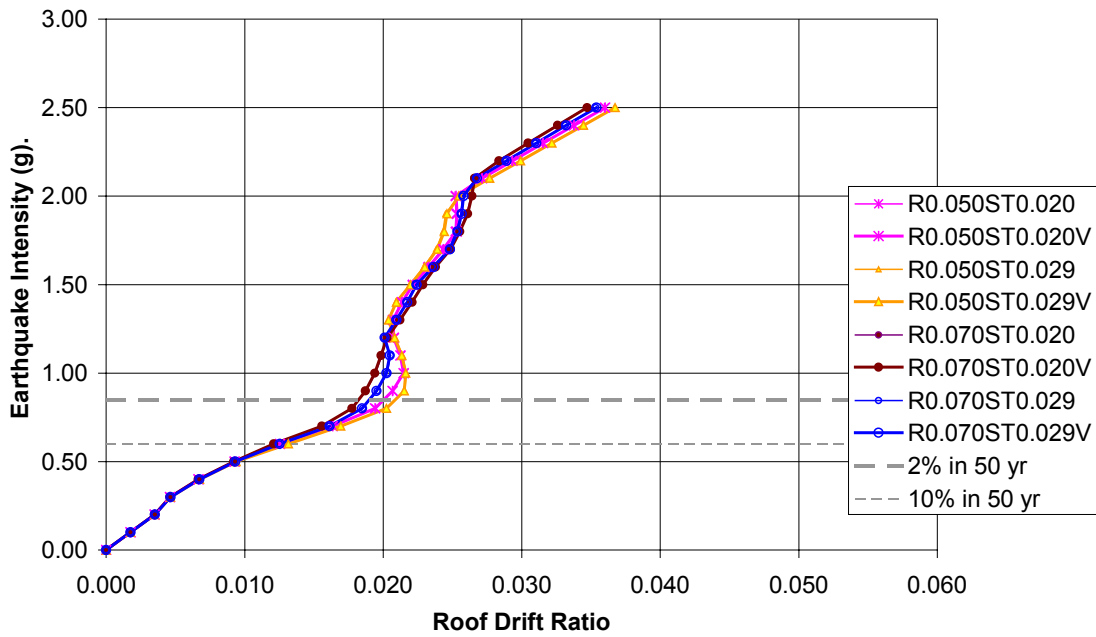


Figure D2.2.5.4c – Roof Drift Ratio of the San Francisco A 5 Story Models Subjected to the Taft Earthquake (EQ 4).

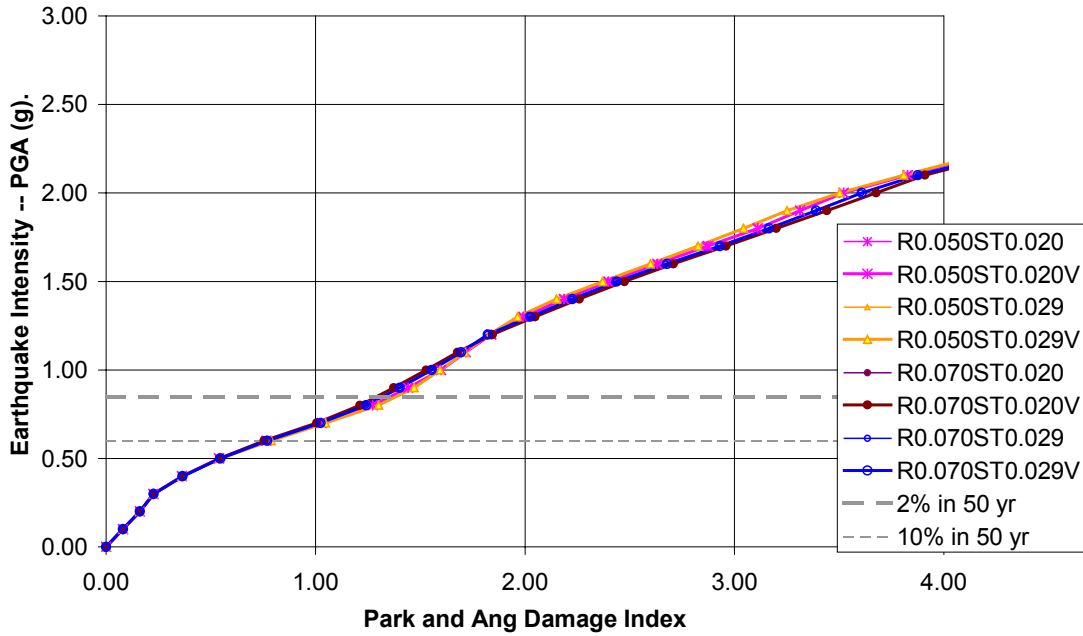


Figure D2.2.5.4d – Park and Ang Damage Indices of the San Francisco A 5 Story Models Subjected to the Taft Earthquake (EQ 4).

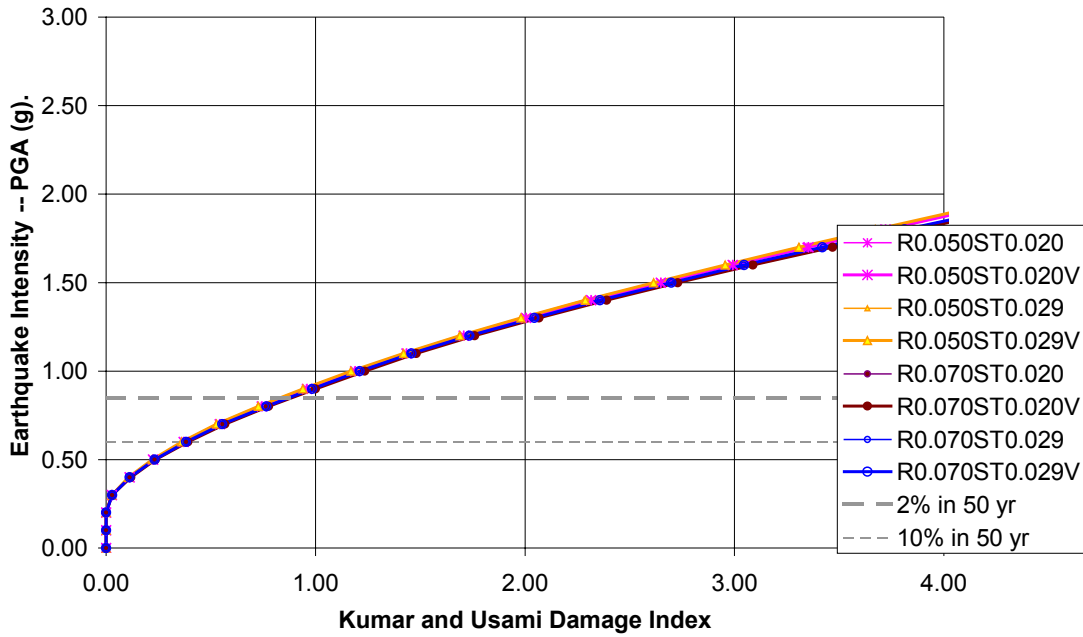


Figure D2.2.5.4e – Kumar and Usami Damage Indices of the San Francisco A 5 Story Models Subjected to the Taft Earthquake (EQ 4).

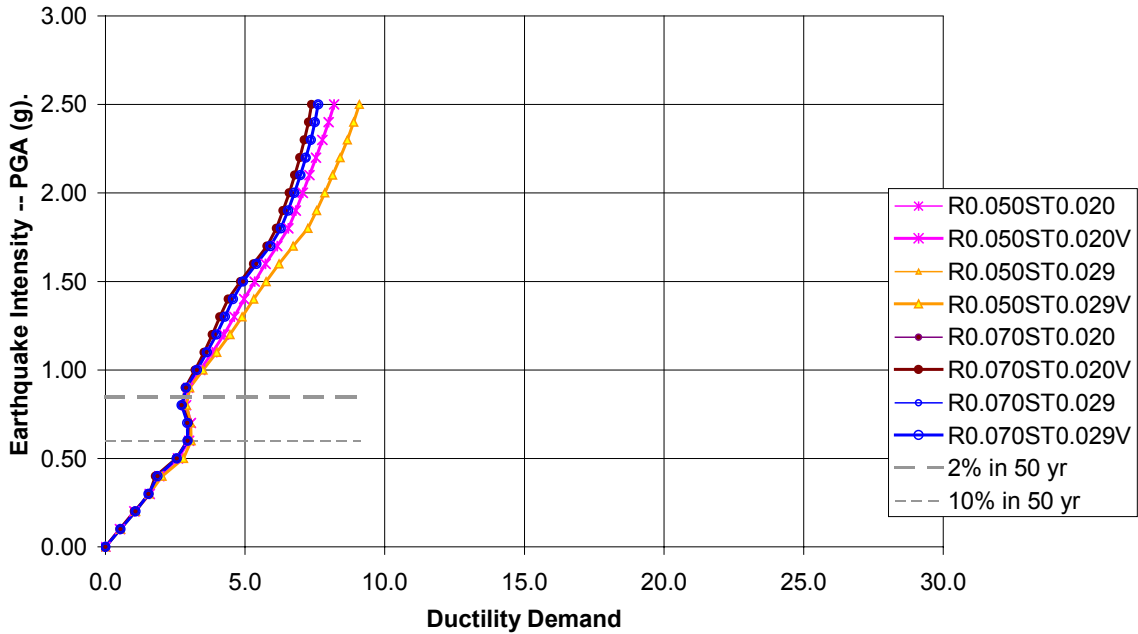


Figure D2.2.5.5a – Ductility Demands of the San Francisco A 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

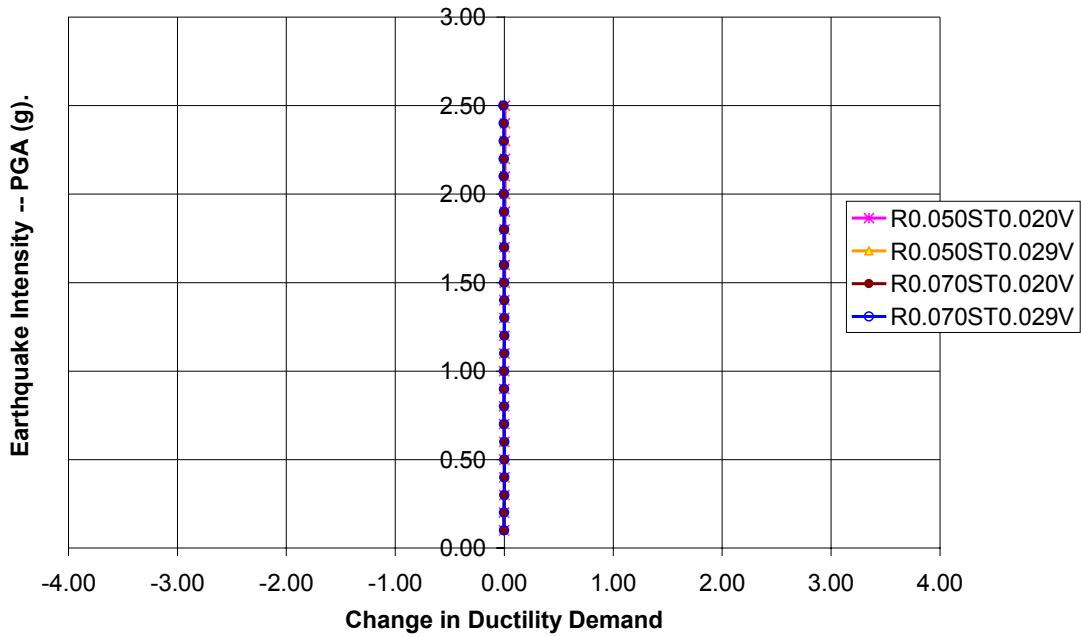


Figure D2.2.5.5b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco A 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

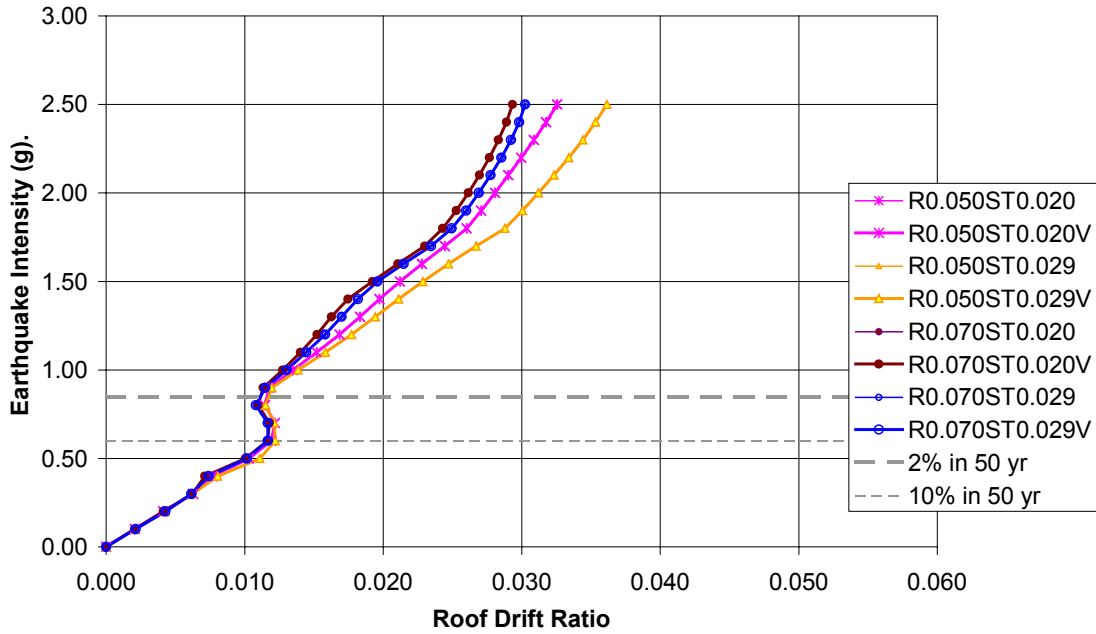


Figure D2.2.5.5c – Roof Drift Ratio of the San Francisco A 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

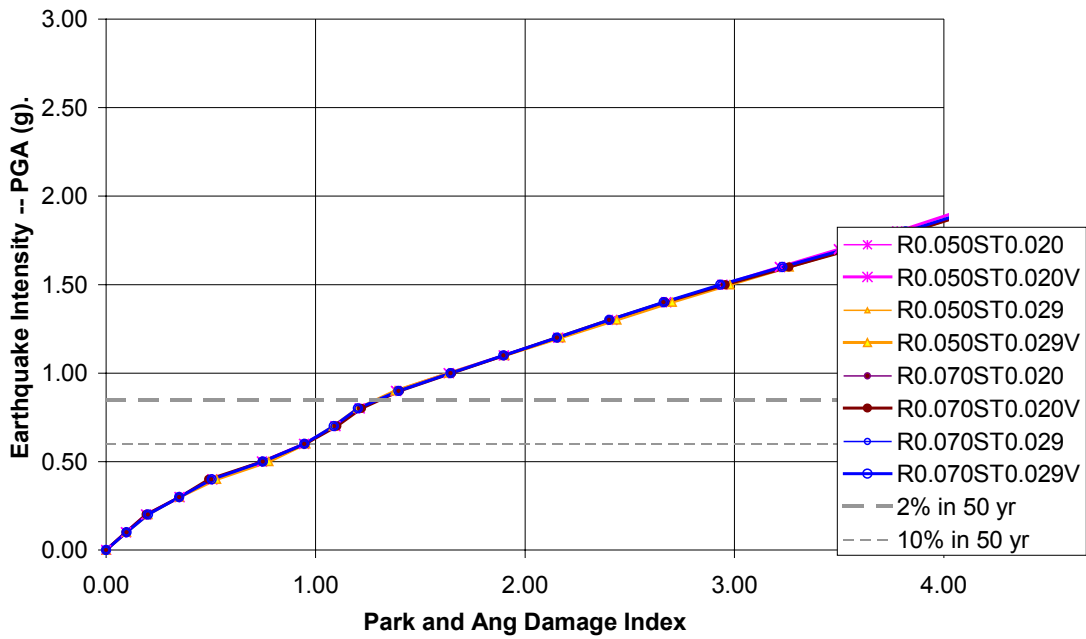


Figure D2.2.5.5d – Park and Ang Damage Indices of the San Francisco A 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

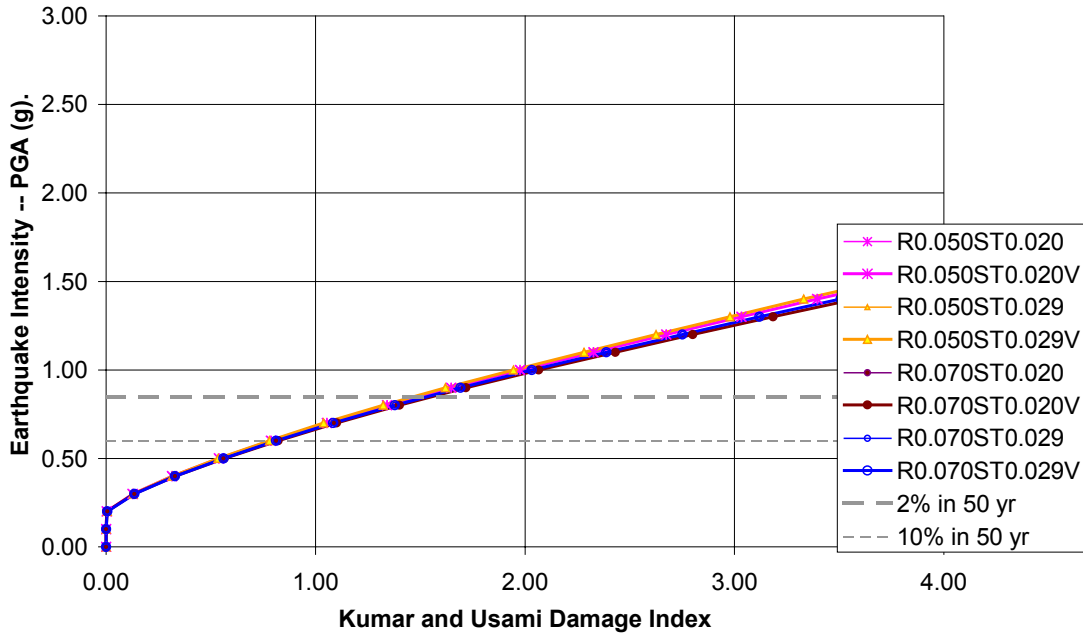


Figure D2.2.5.5e – Kumar and Usami Damage Indices of the San Francisco A 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

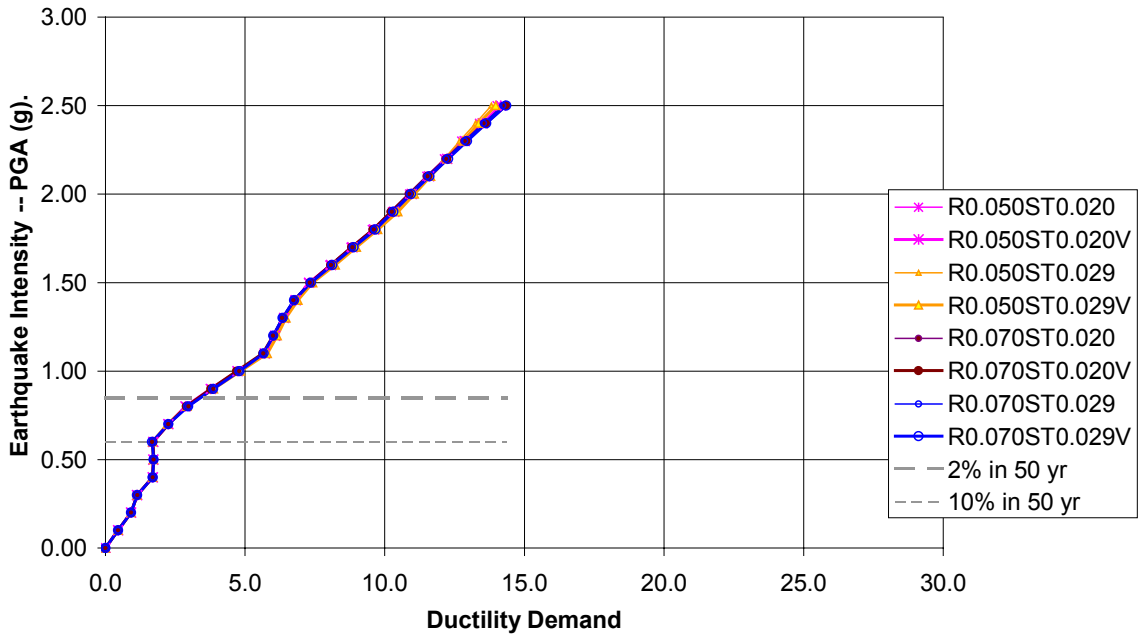


Figure D2.2.5.9a – Ductility Demands of the San Francisco A 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

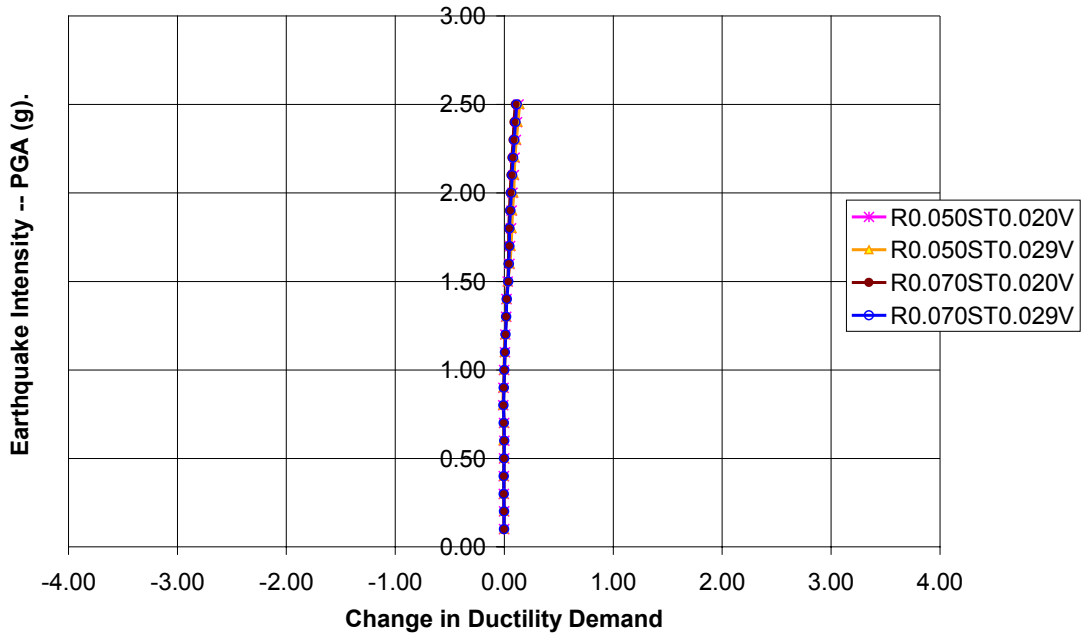


Figure D2.2.5.9b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco A 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

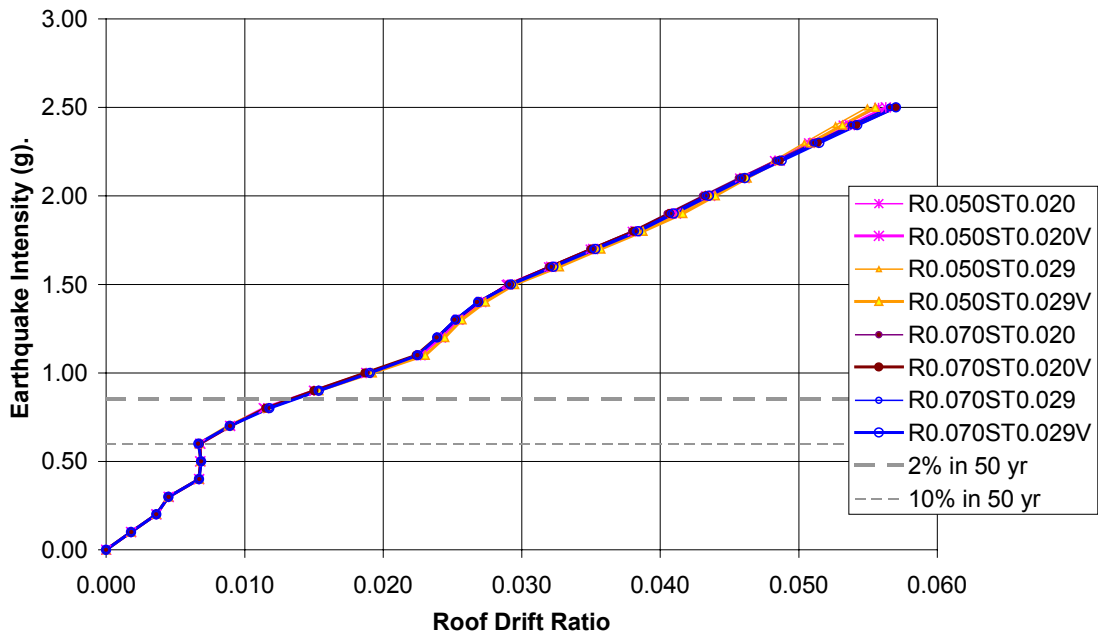


Figure D2.2.5.9c – Roof Drift Ratio of the San Francisco A 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

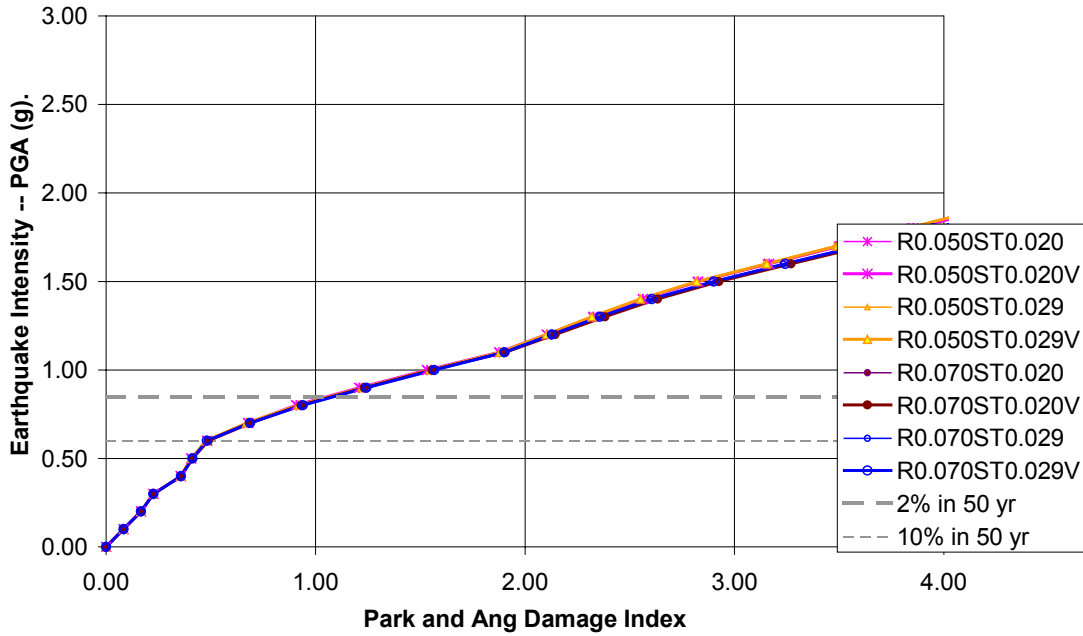


Figure D2.2.5.9d – Park and Ang Damage Indices of the San Francisco A 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

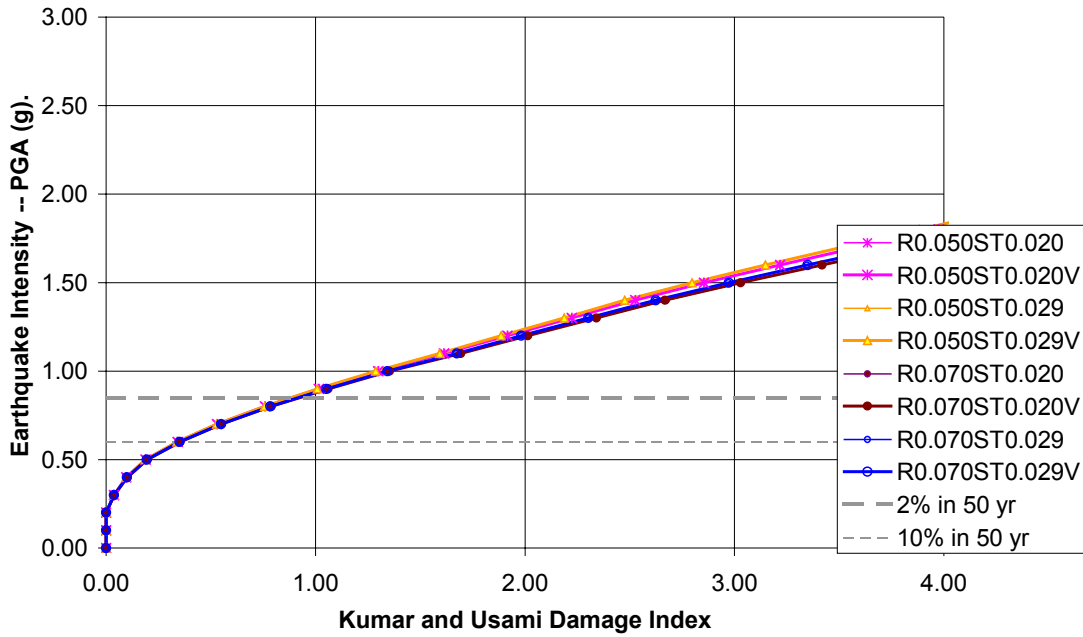


Figure D2.2.5.9e – Kumar and Usami Damage Indices of the San Francisco A 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

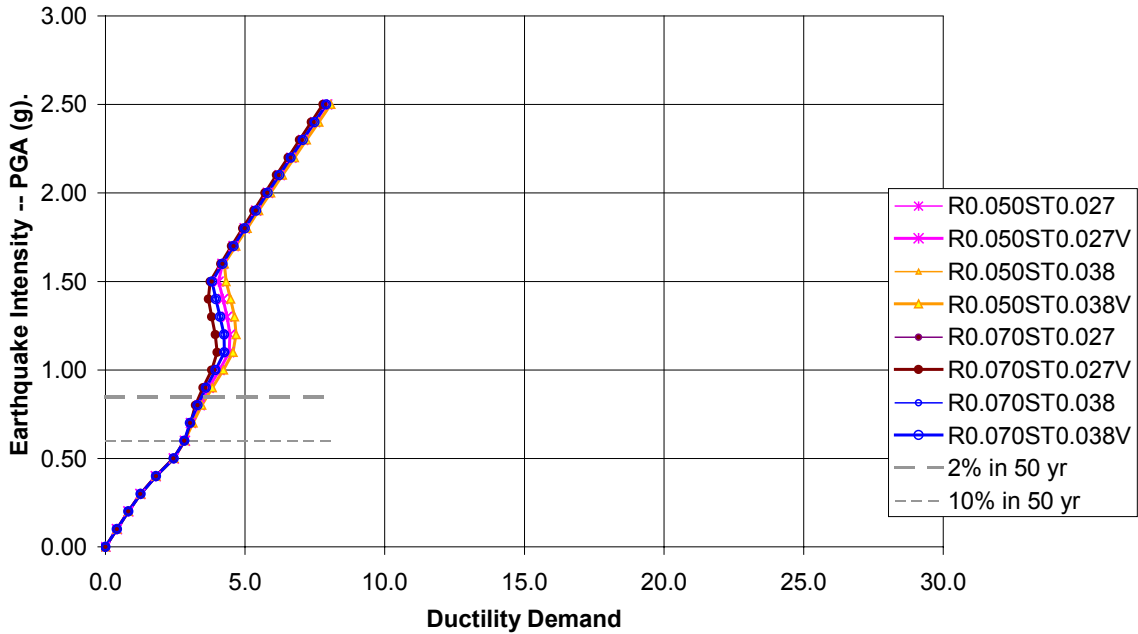


Figure D2.2.7.4a – Ductility Demands of the San Francisco A 7 Story Models Subjected to the Taft Earthquake (EQ 4).

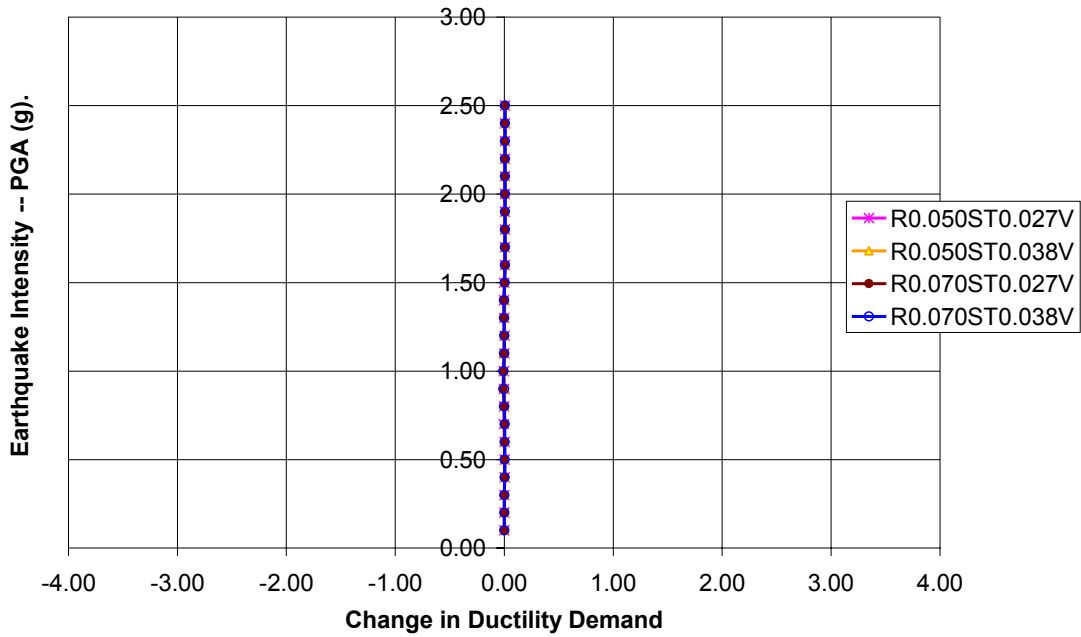


Figure D2.2.7.4b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco A 7 Story Models Subjected to the Taft Earthquake (EQ 4).

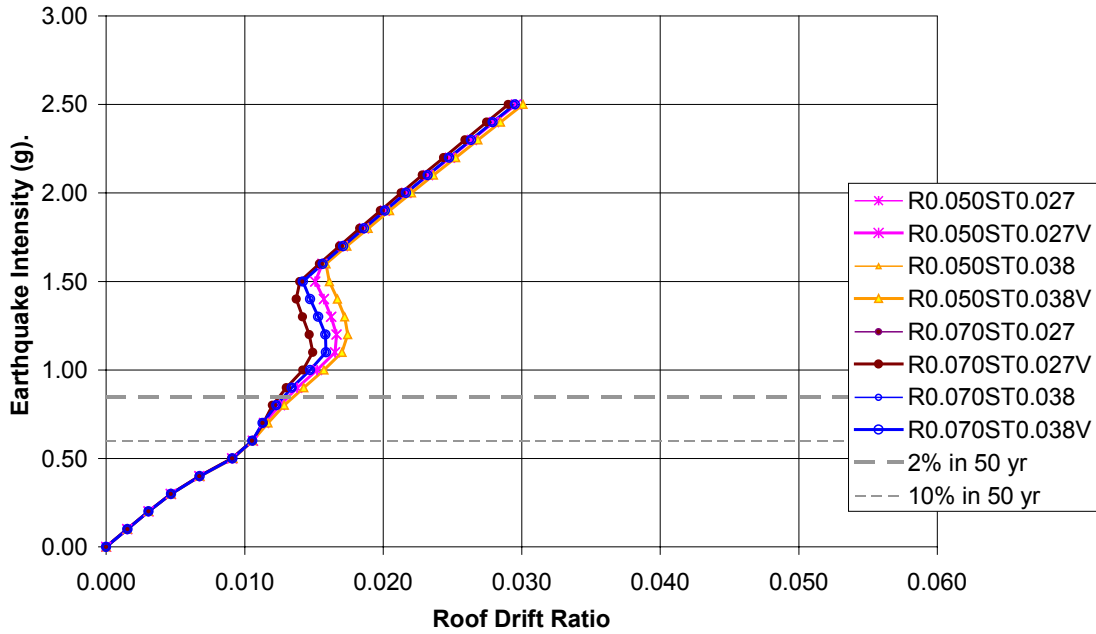


Figure D2.2.7.4c – Roof Drift Ratio of the San Francisco A 7 Story Models Subjected to the Taft Earthquake (EQ 4).

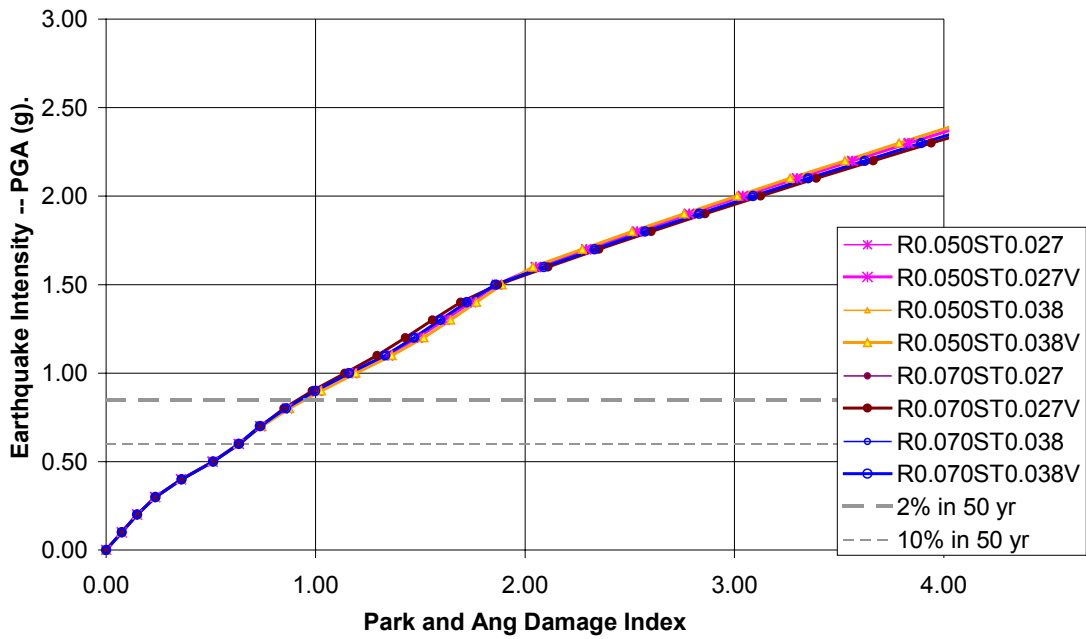


Figure D2.2.7.4d – Park and Ang Damage Indices of the San Francisco A 7 Story Models Subjected to the Taft Earthquake (EQ 4).

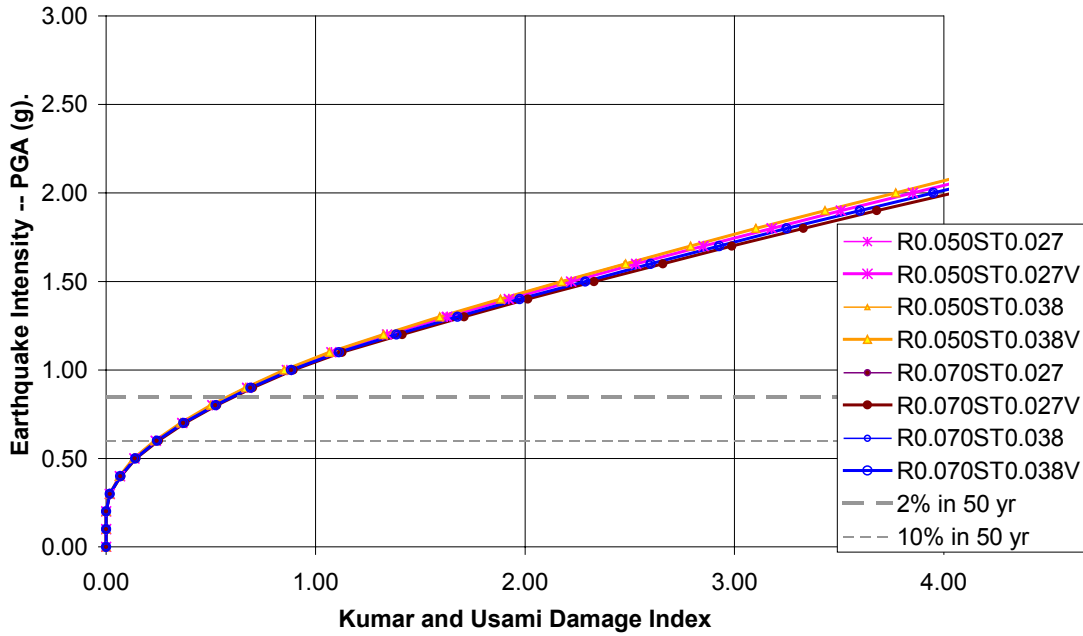


Figure D2.2.7.4e – Kumar and Usami Damage Indices of the San Francisco A 7 Story Models Subjected to the Taft Earthquake (EQ 4).

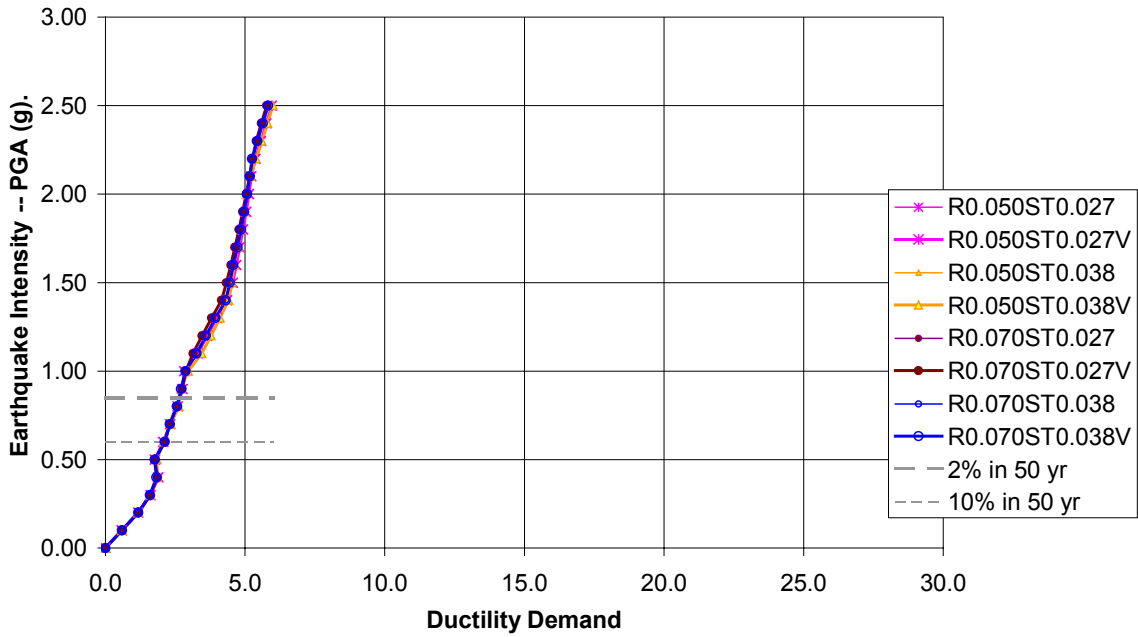


Figure D2.2.7.5a – Ductility Demands of the San Francisco A 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

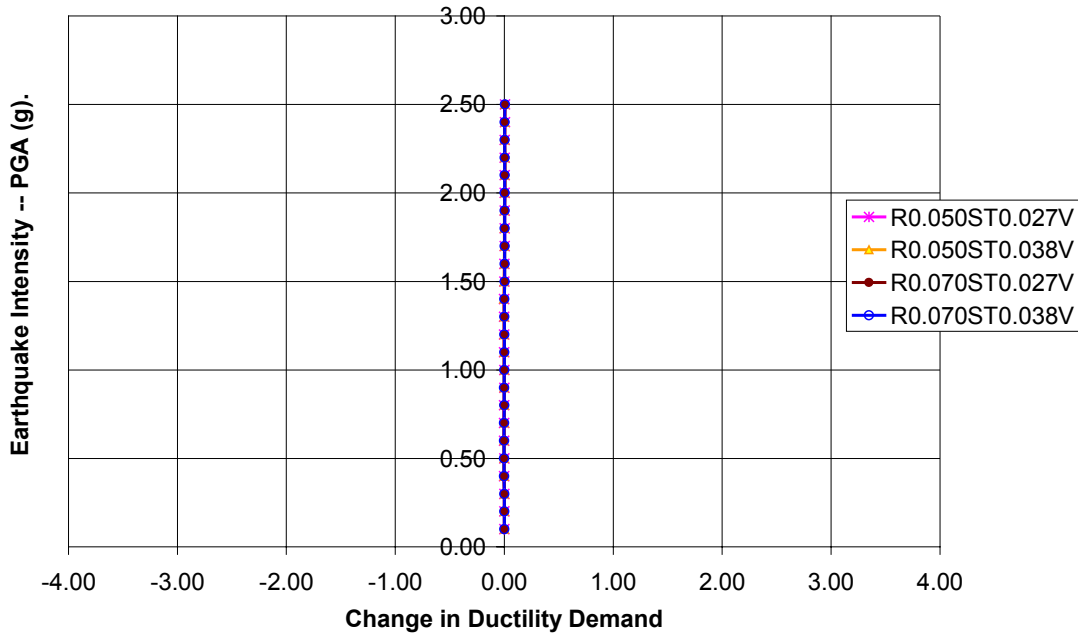


Figure D2.2.7.5b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco A 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

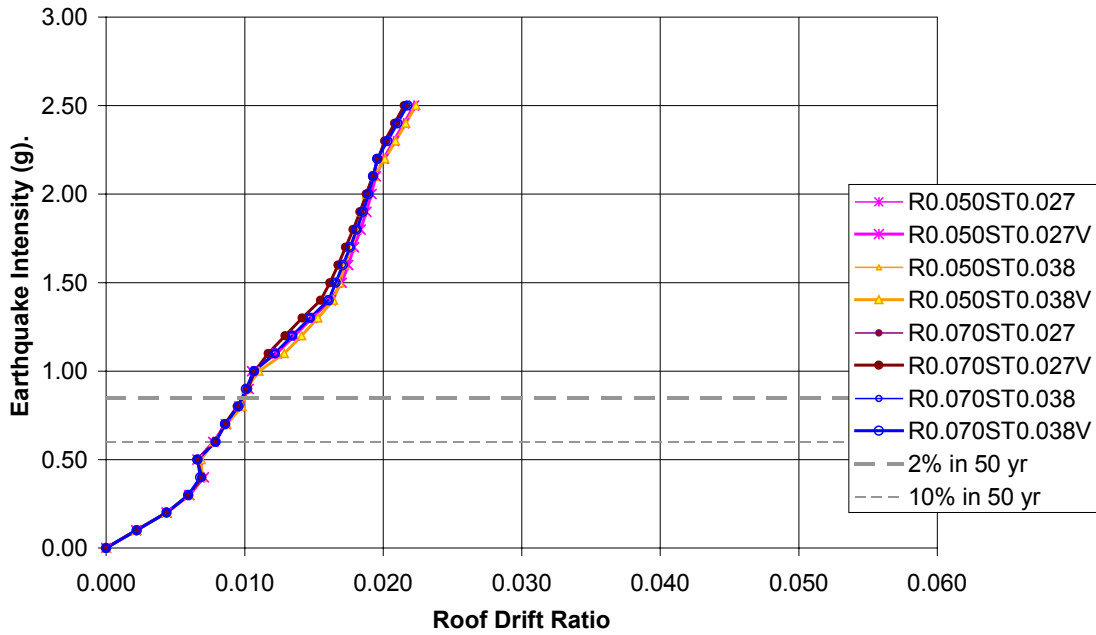


Figure D2.2.7.5c – Roof Drift Ratio of the San Francisco A 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

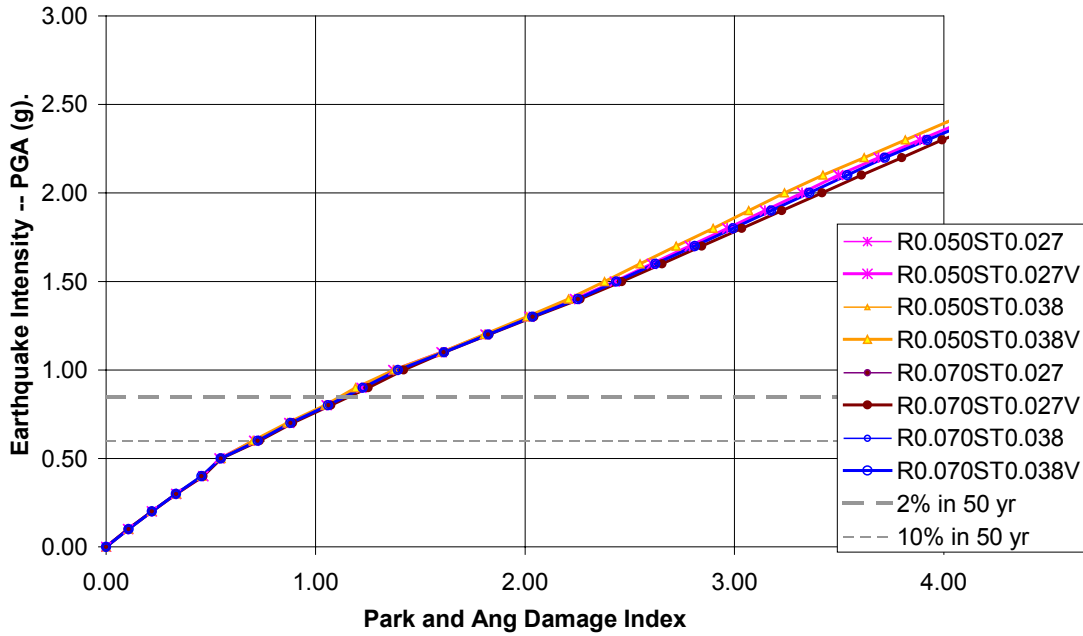


Figure D2.2.7.5d – Park and Ang Damage Indices of the San Francisco A 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

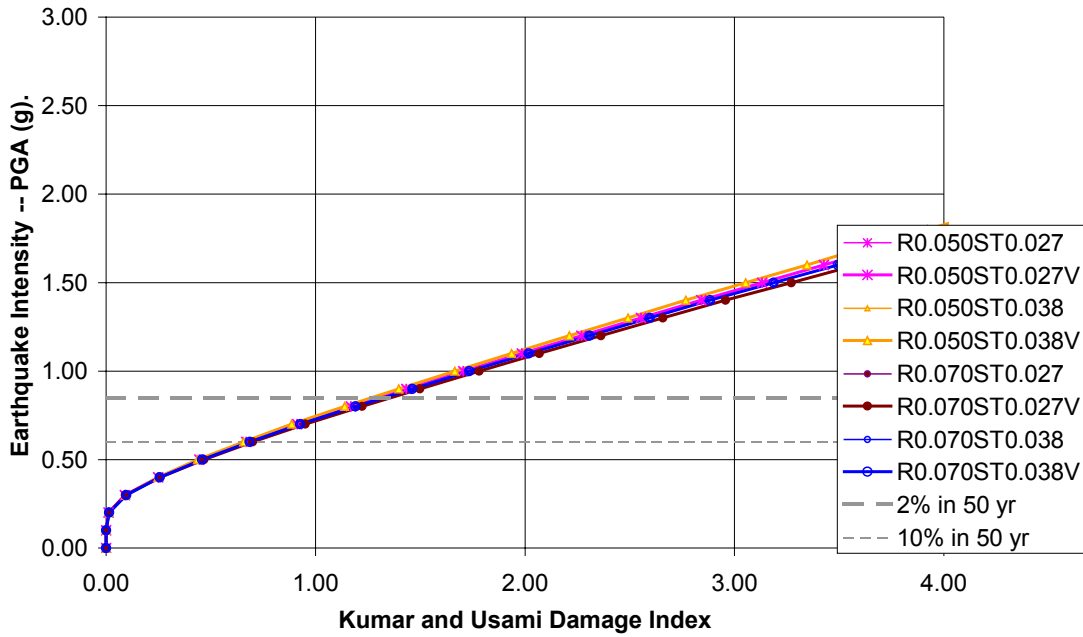


Figure D2.2.7.5e – Kumar and Usami Damage Indices of the San Francisco A 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

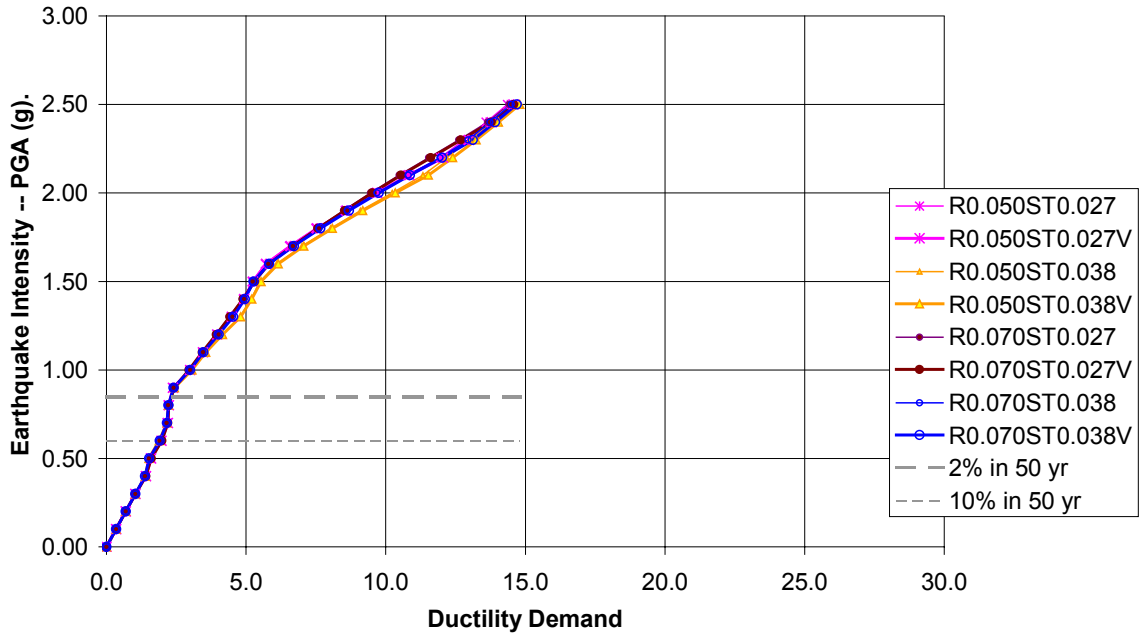


Figure D2.2.7.9a – Ductility Demands of the San Francisco A 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

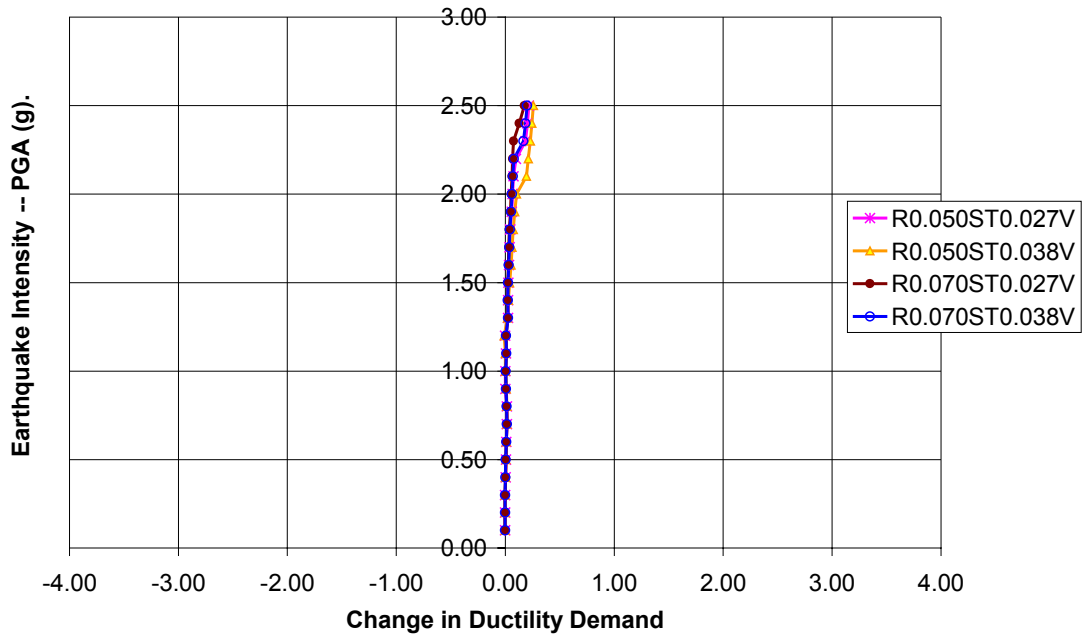


Figure D2.2.7.9b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco A 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

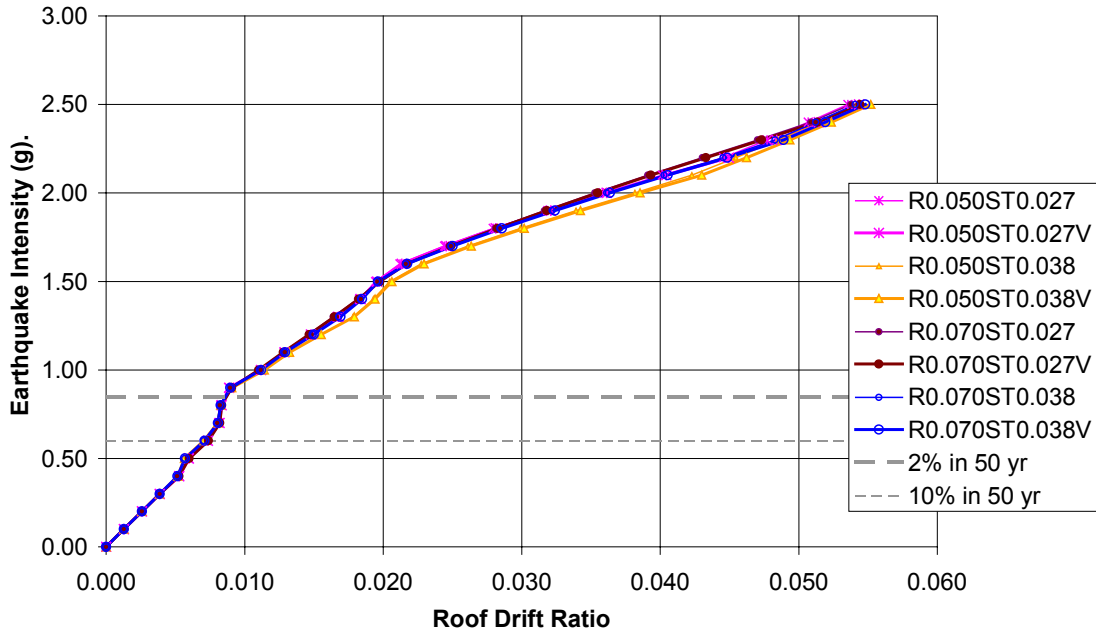


Figure D2.2.7.9c – Roof Drift Ratio of the San Francisco A 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

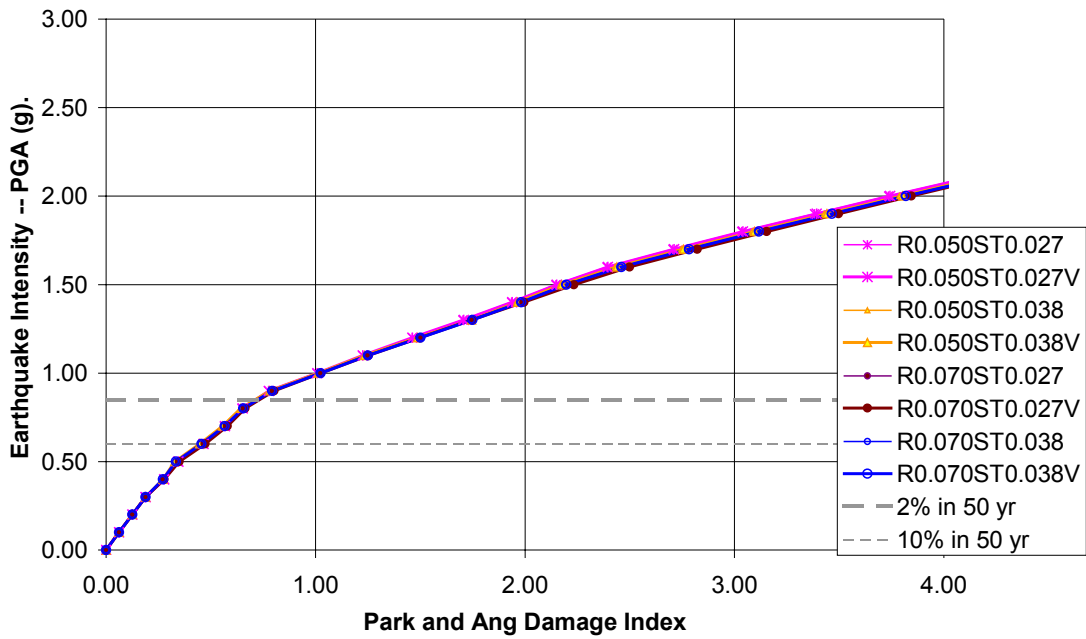


Figure D2.2.7.9d – Park and Ang Damage Indices of the San Francisco A 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

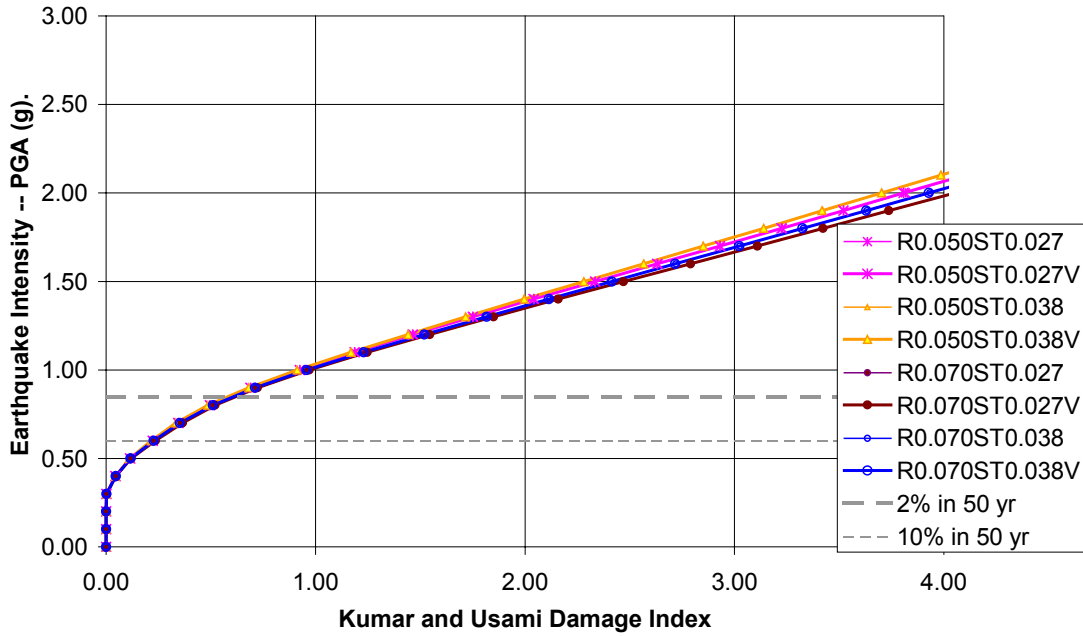


Figure D2.2.7.9e – Kumar and Usami Damage Indices of the San Francisco A 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

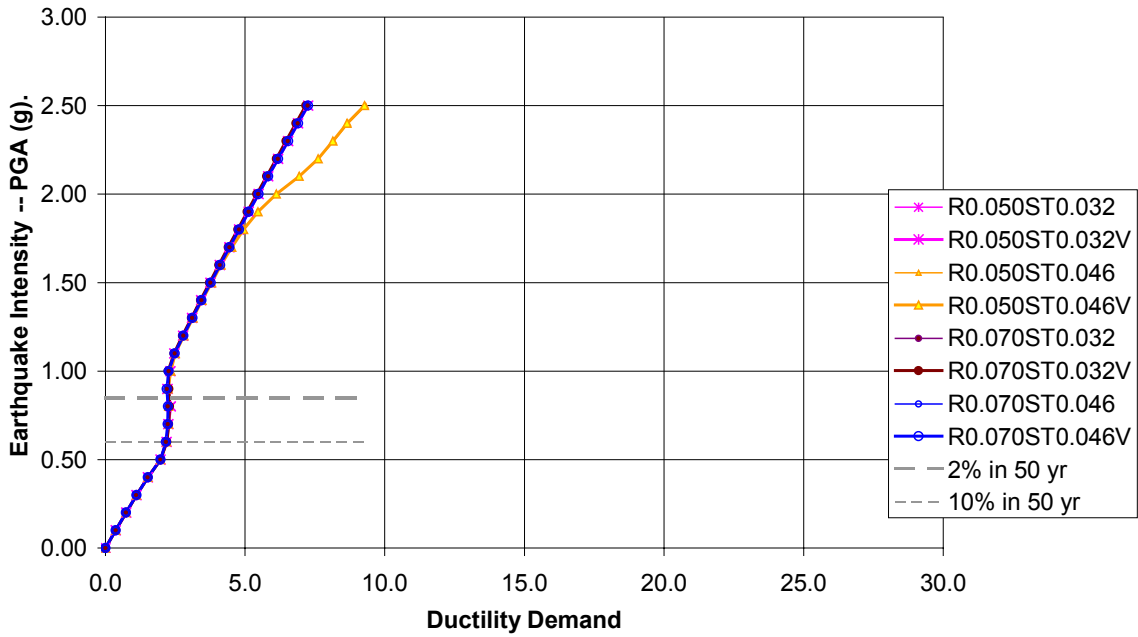


Figure D2.2.9.4a – Ductility Demands of the San Francisco A 9 Story Models Subjected to the Taft Earthquake (EQ 4).

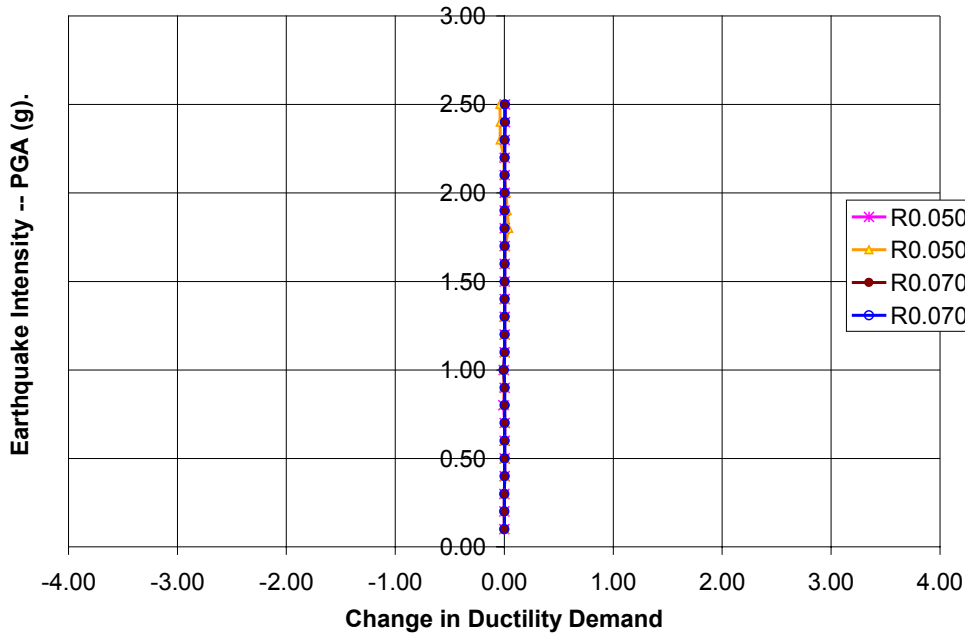


Figure D2.2.9.4b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco A 9 Story Models Subjected to the Taft Earthquake (EQ 4).

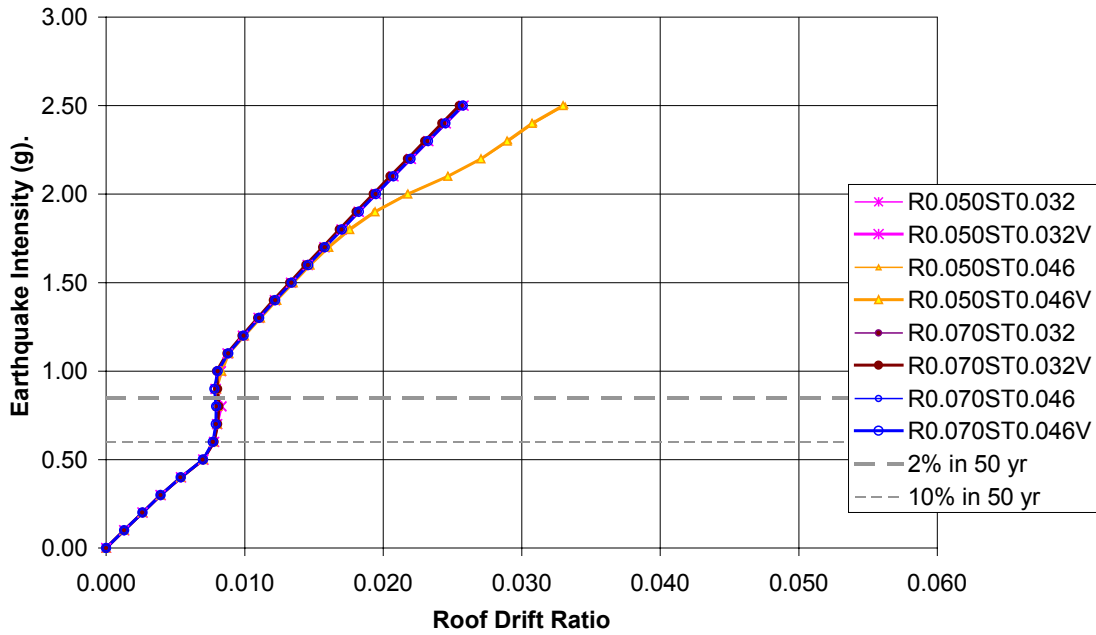


Figure D2.2.9.4c – Roof Drift Ratio of the San Francisco A 9 Story Models Subjected to the Taft Earthquake (EQ 4).

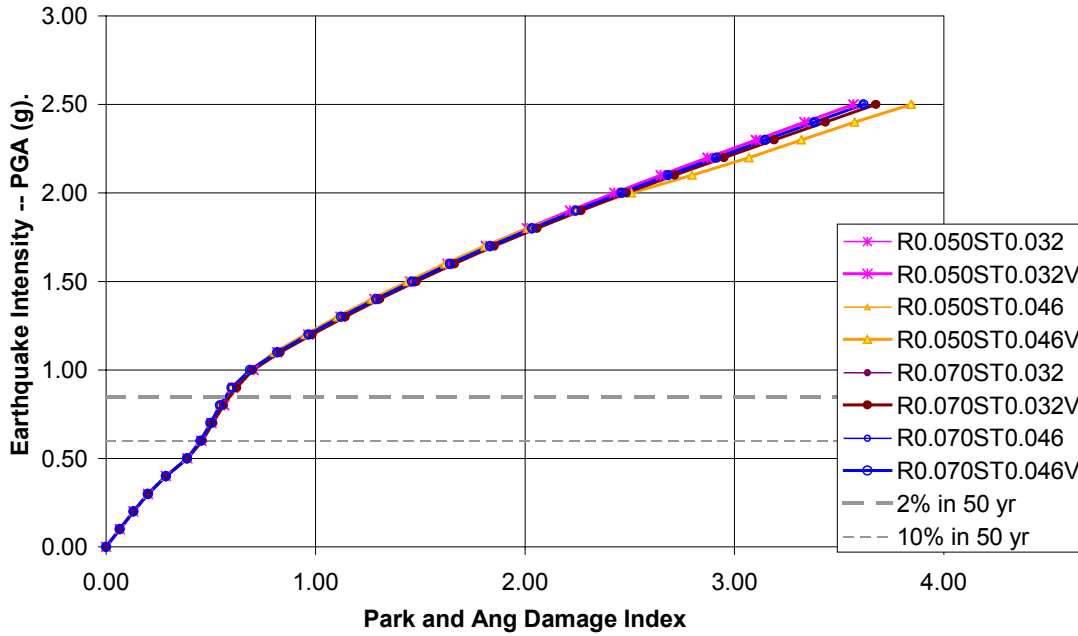


Figure D2.2.9.4d – Park and Ang Damage Indices of the San Francisco A 9 Story Models Subjected to the Taft Earthquake (EQ 4).

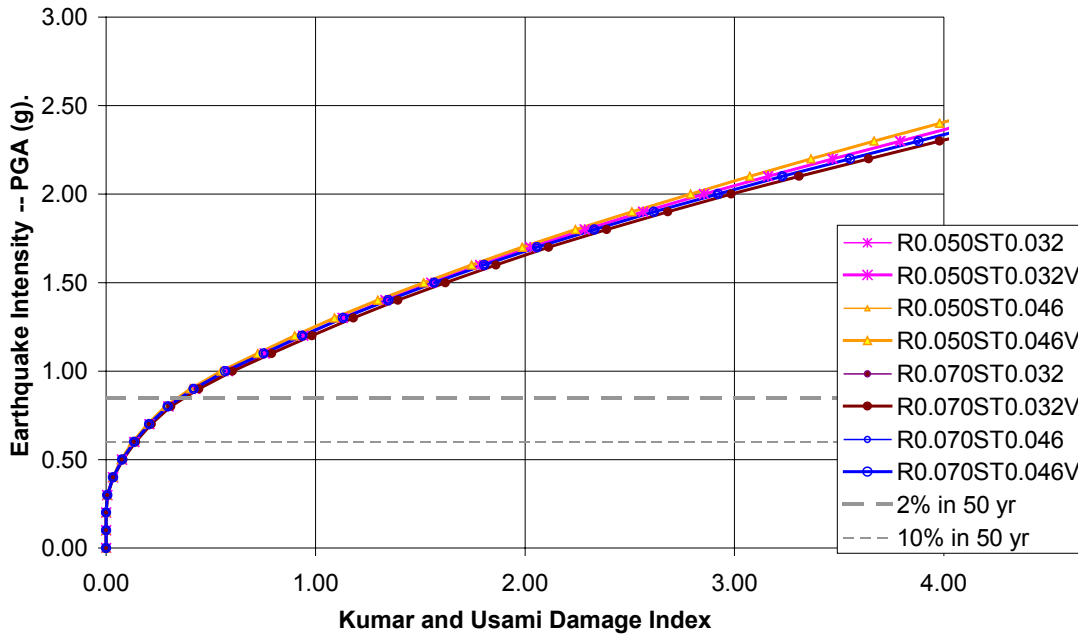


Figure D2.2.9.4e – Kumar and Usami Damage Indices of the San Francisco A 9 Story Models Subjected to the Taft Earthquake (EQ 4).

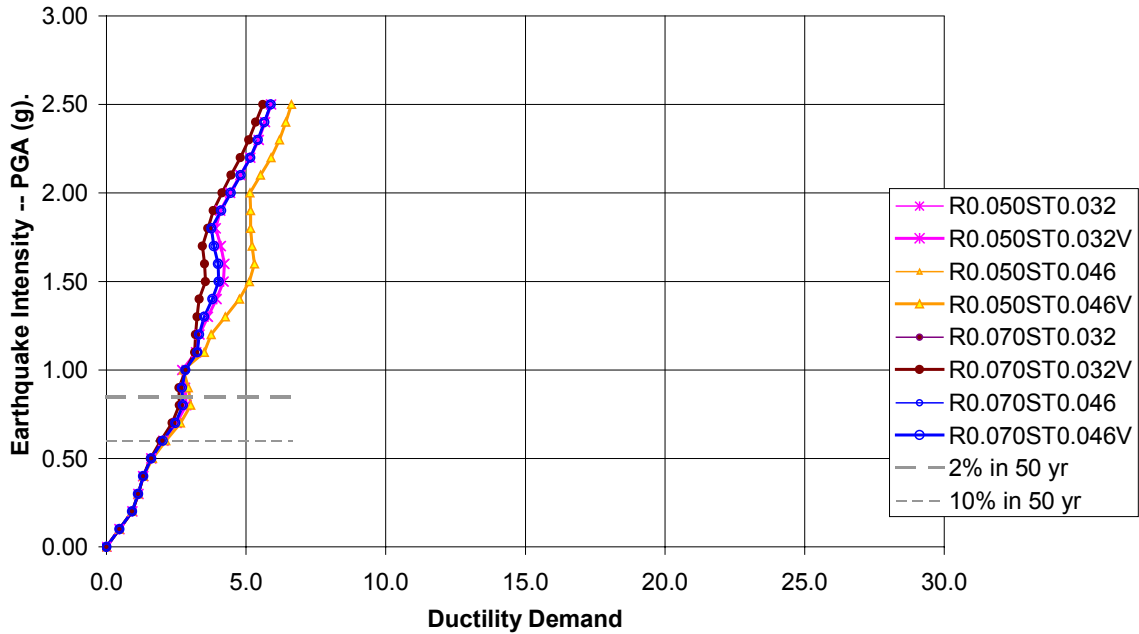


Figure D2.2.9.5a – Ductility Demands of the San Francisco A 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

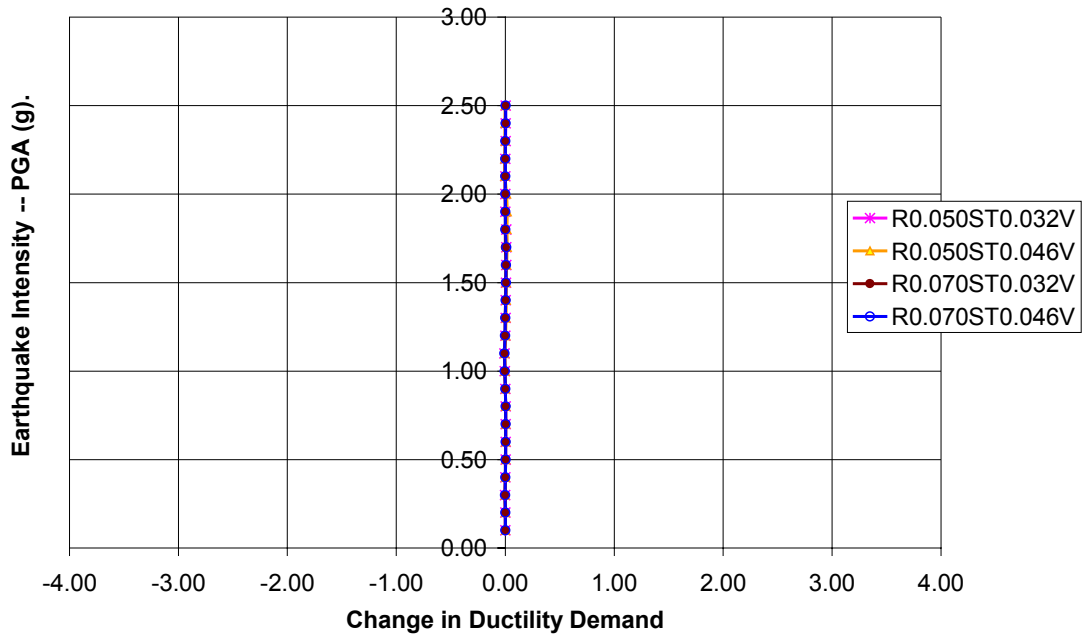


Figure D2.2.9.5b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco A 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

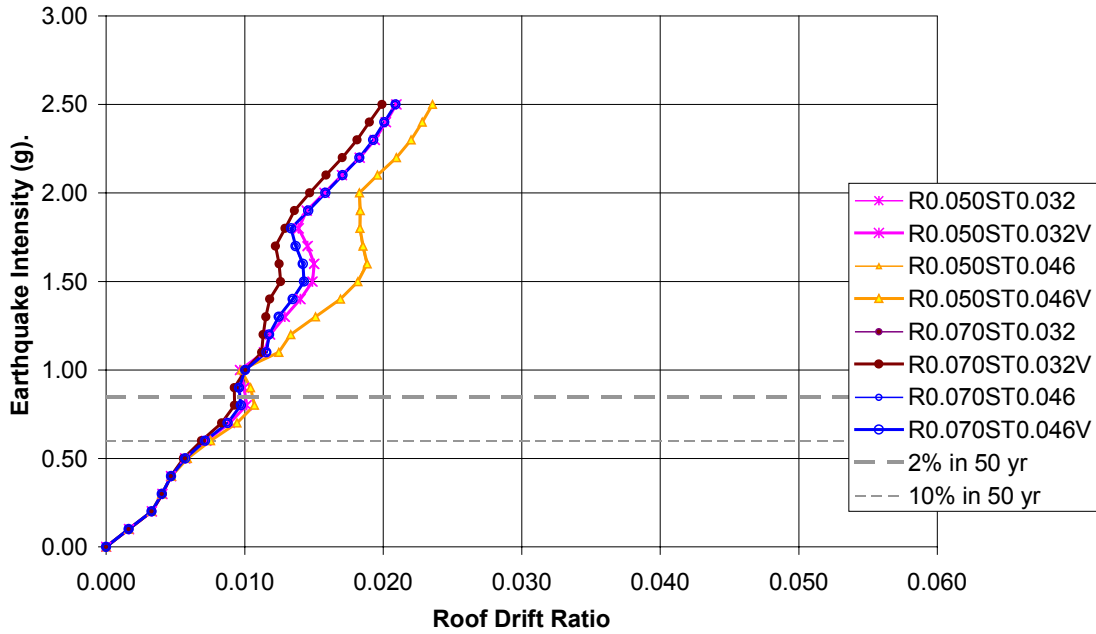


Figure D2.2.9.5c – Roof Drift Ratio of the San Francisco A 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

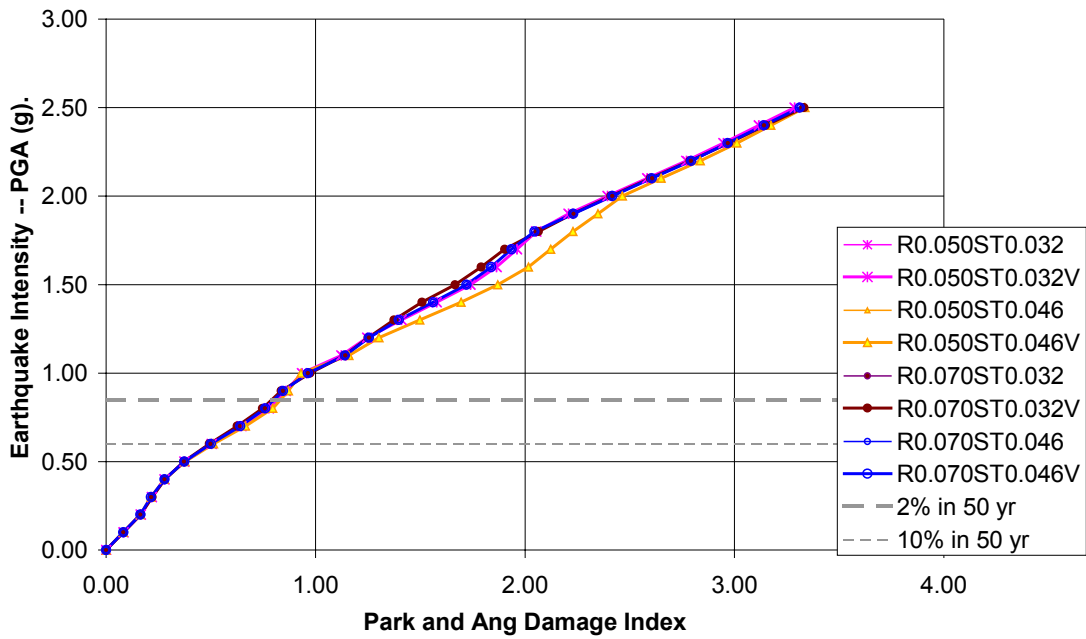


Figure D2.2.9.5d – Park and Ang Damage Indices of the San Francisco A 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

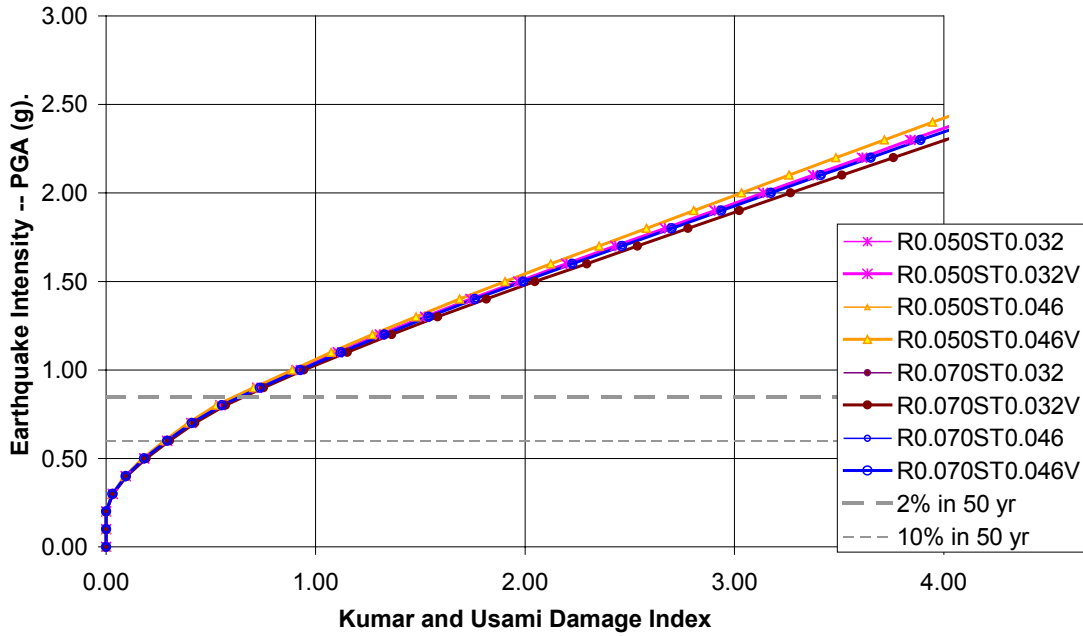


Figure D2.2.9.5e – Kumar and Usami Damage Indices of the San Francisco A 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

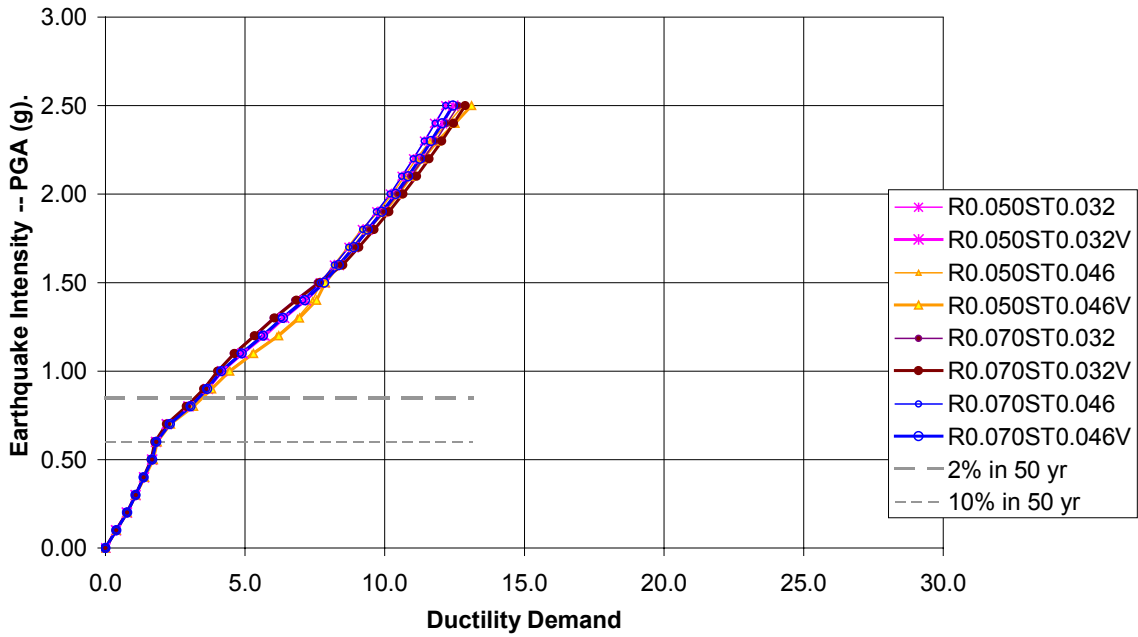


Figure D2.2.9.9a – Ductility Demands of the San Francisco A 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

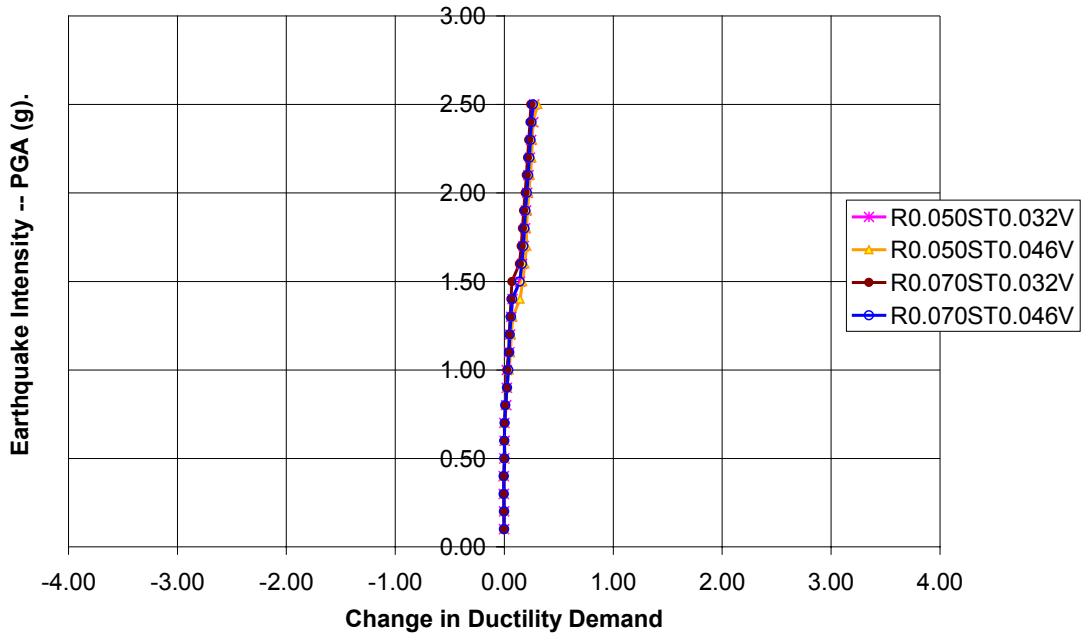


Figure D2.2.9.9b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco A 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

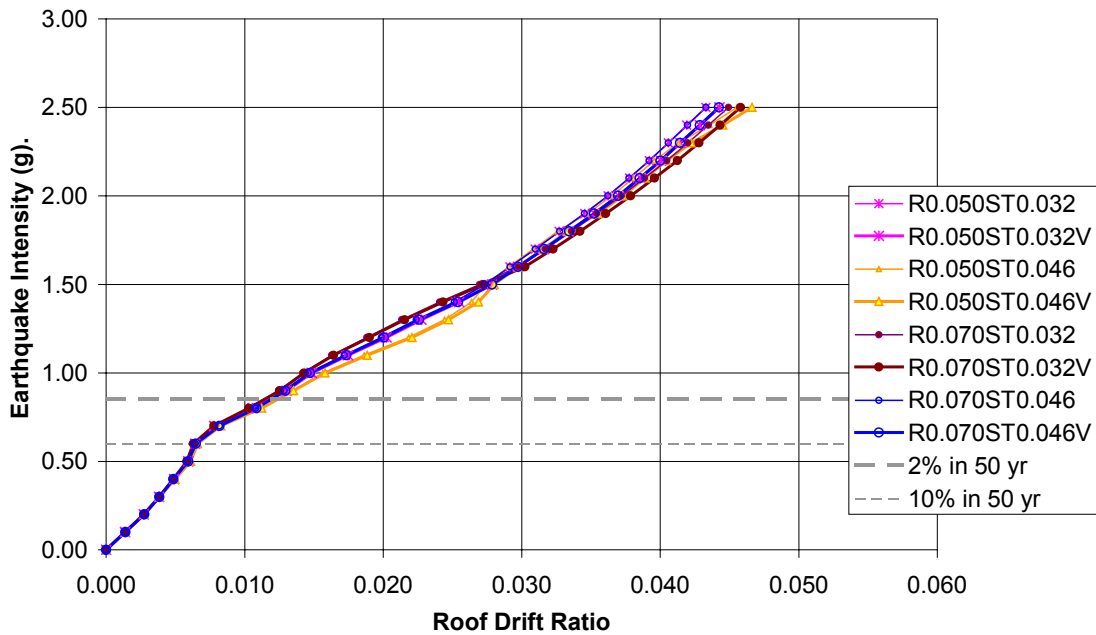


Figure D2.2.9.9c – Roof Drift Ratio of the San Francisco A 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

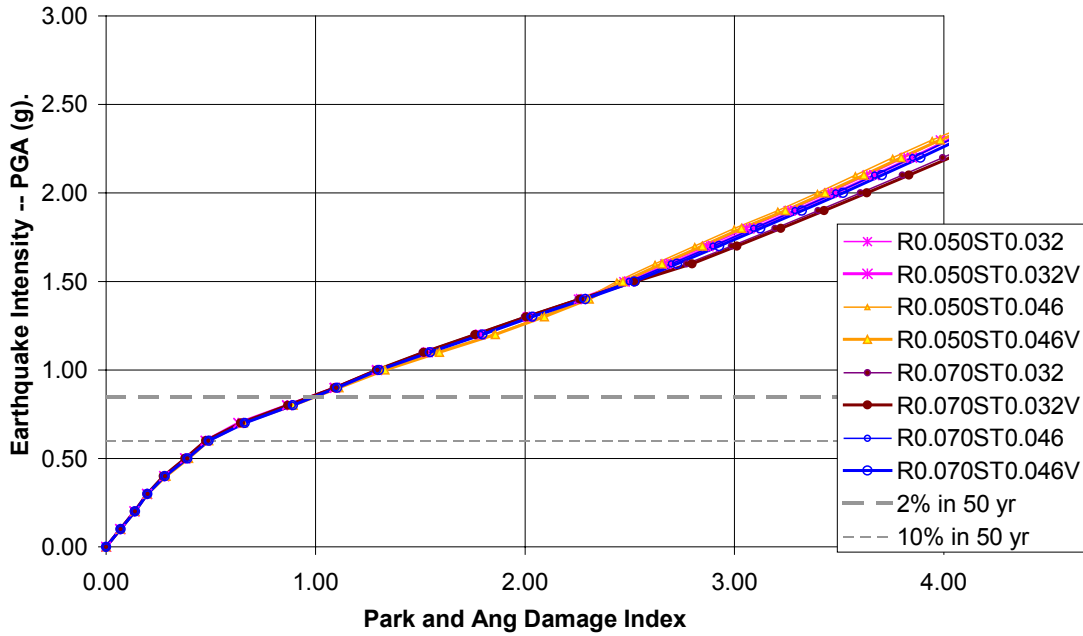


Figure D2.2.9.9d – Park and Ang Damage Indices of the San Francisco A 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

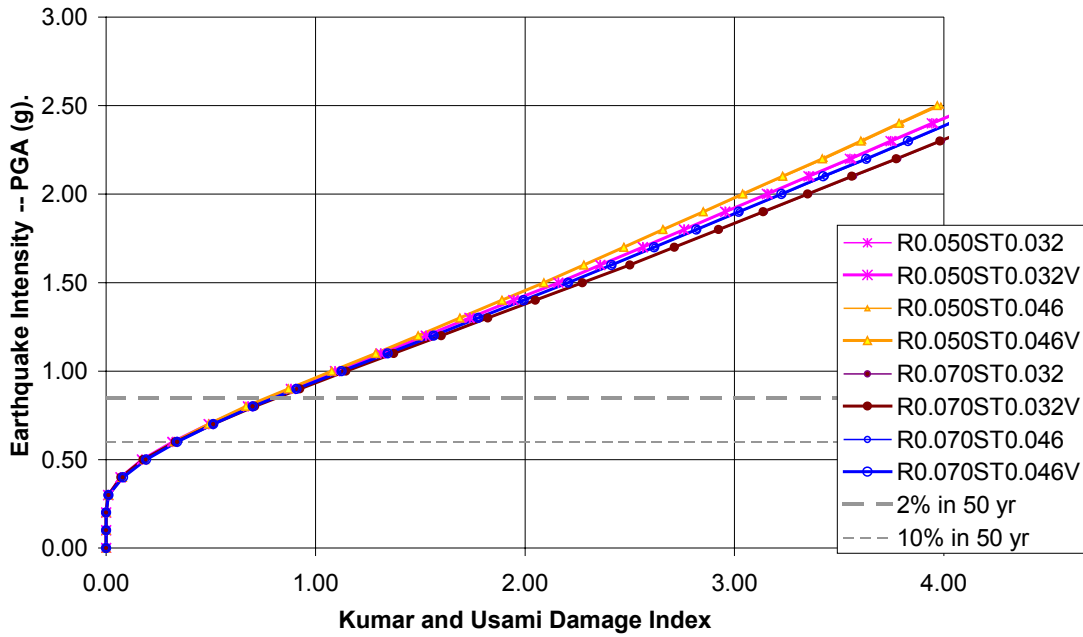


Figure D2.2.9.9e – Kumar and Usami Damage Indices of the San Francisco A 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

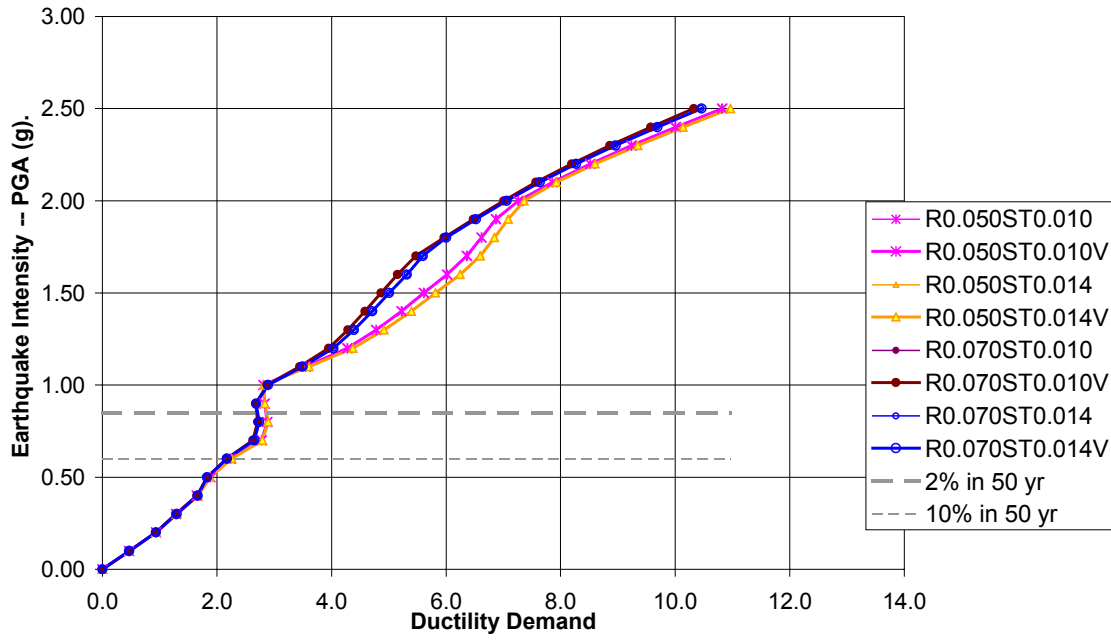


Figure D2.3.3.4a – Ductility Demands of the San Francisco B 3 Story Models Subjected to the Taft Earthquake (EQ 4).

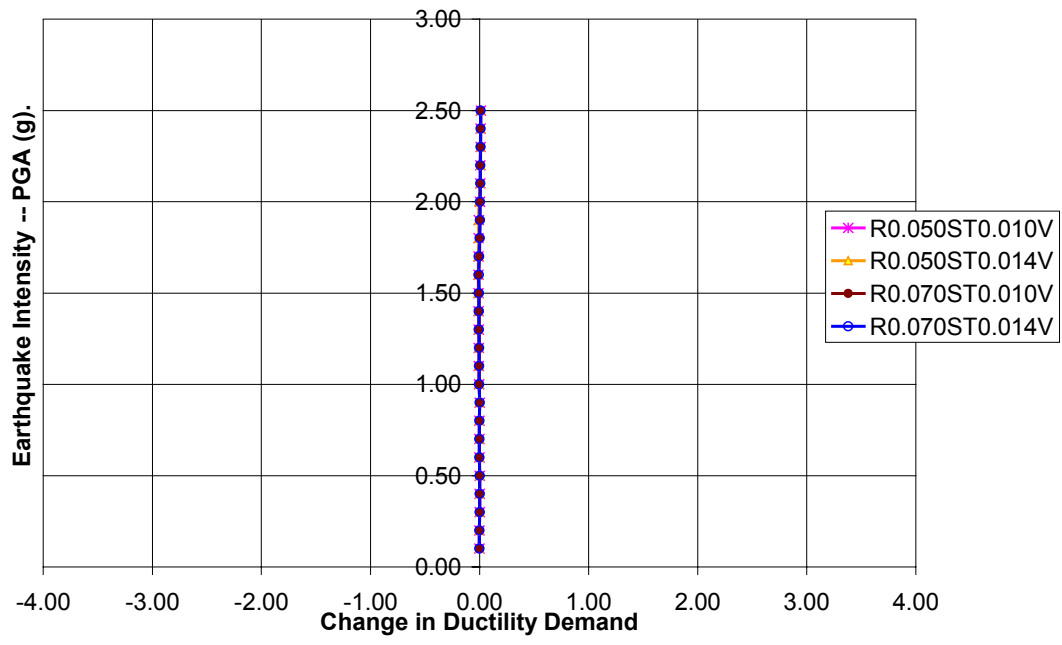


Figure D2.3.3.4b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco B 3 Story Models Subjected to the Taft Earthquake (EQ 4).

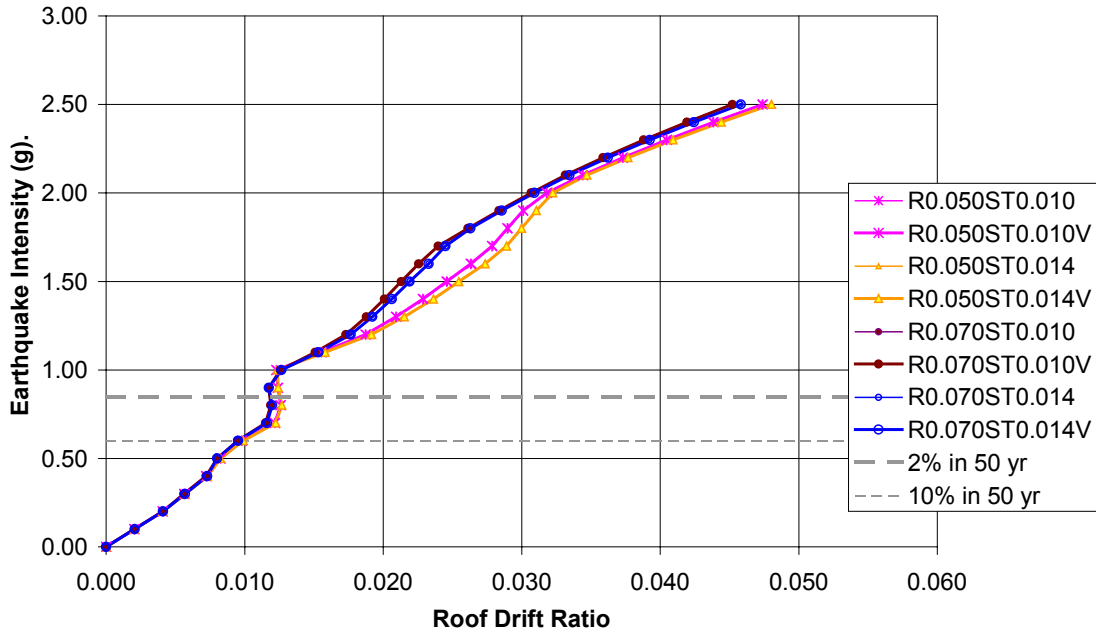


Figure D2.3.3.4c – Roof Drift Ratio of the San Francisco B 3 Story Models Subjected to the Taft Earthquake (EQ 4).

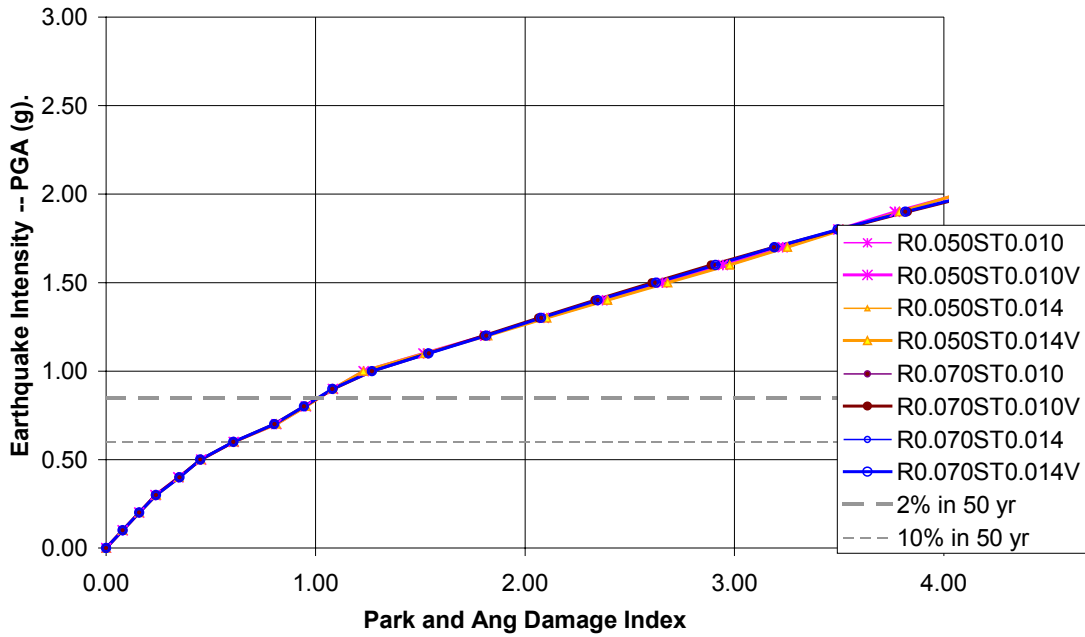


Figure D2.3.3.4d – Park and Ang Damage Indices of the San Francisco B 3 Story Models Subjected to the Taft Earthquake (EQ 4).

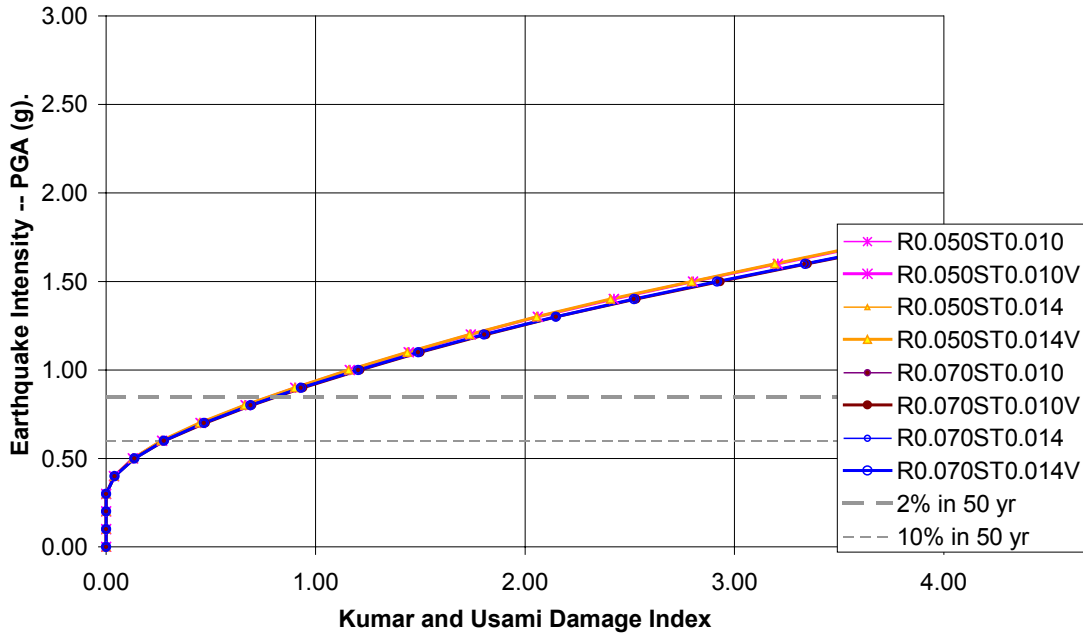


Figure D2.3.3.4e – Kumar and Usami Damage Indices of the San Francisco B 3 Story Models Subjected to the Taft Earthquake (EQ 4).

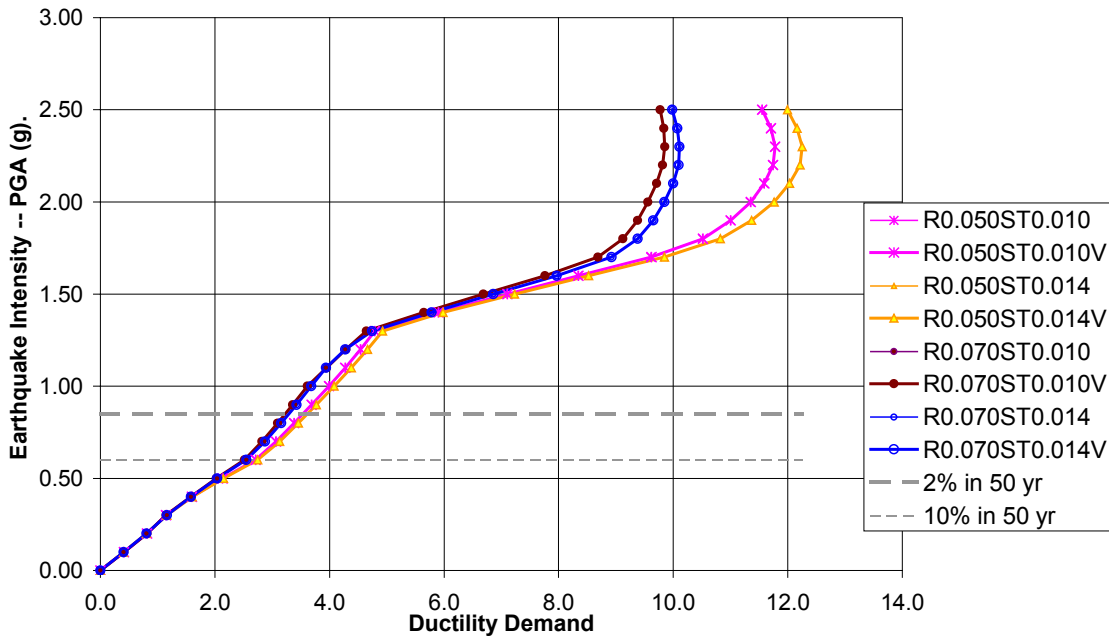


Figure D2.3.3.5a – Ductility Demands of the San Francisco B 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

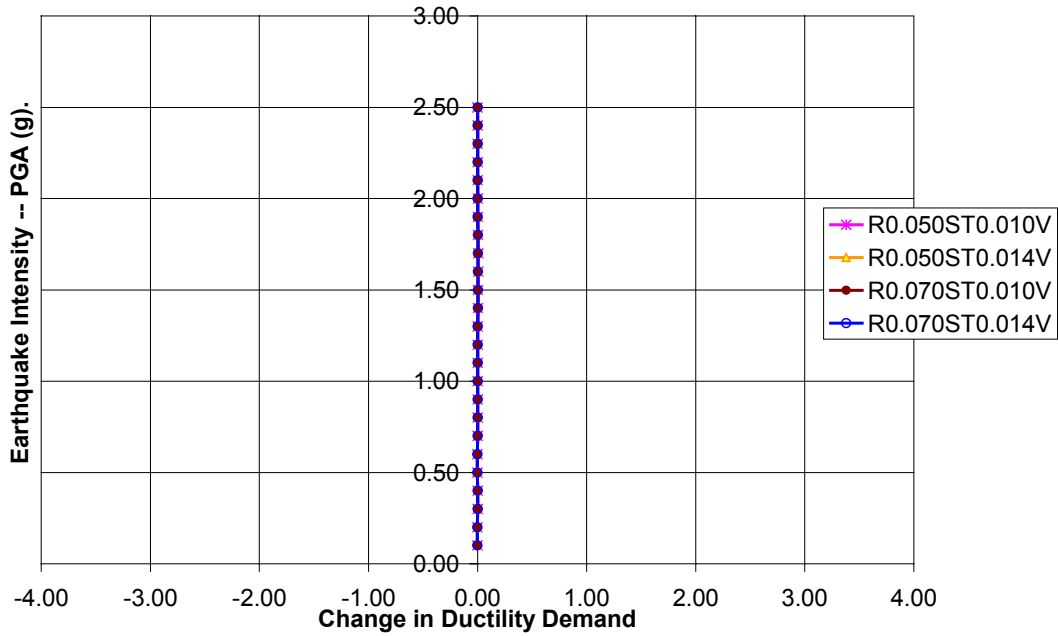


Figure D2.3.3.5b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco B 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

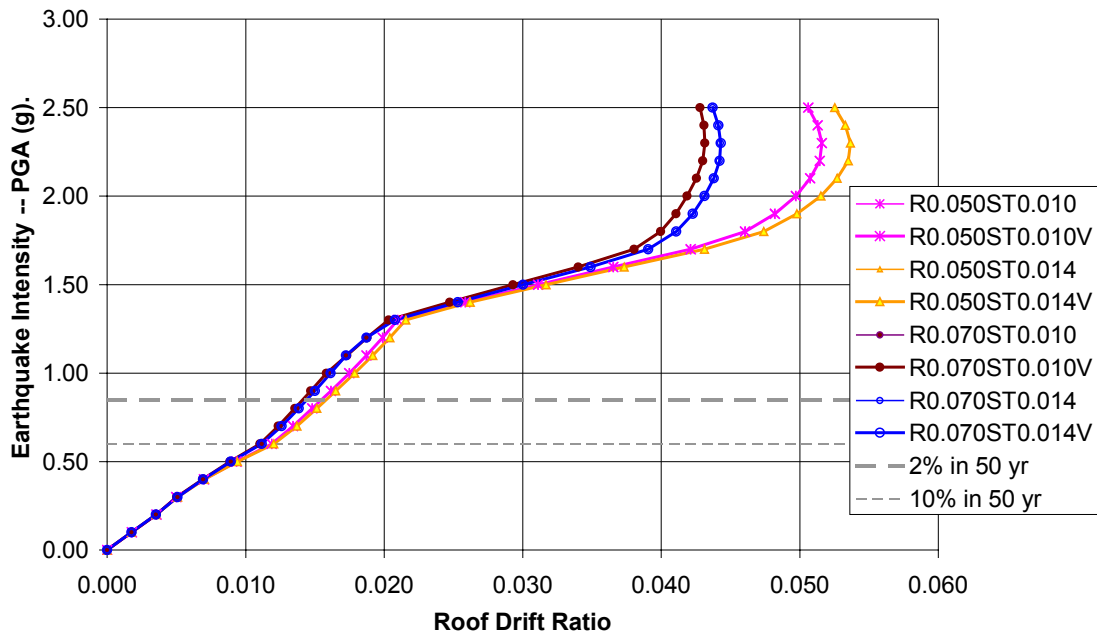


Figure D2.3.3.5c – Roof Drift Ratio of the San Francisco B 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

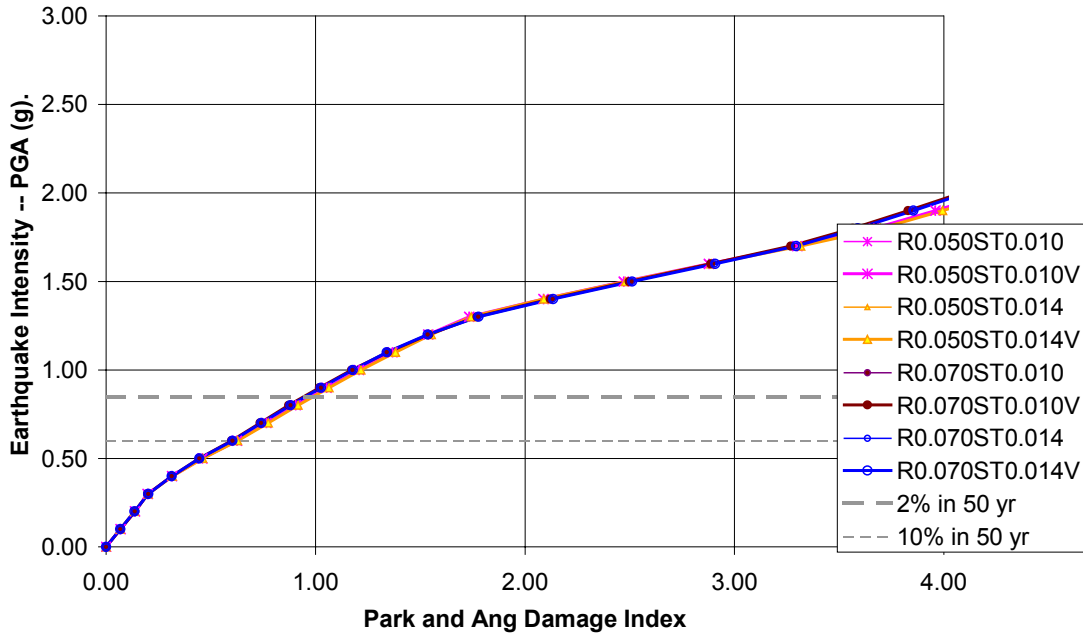


Figure D2.3.3.5d – Park and Ang Damage Indices of the San Francisco B 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

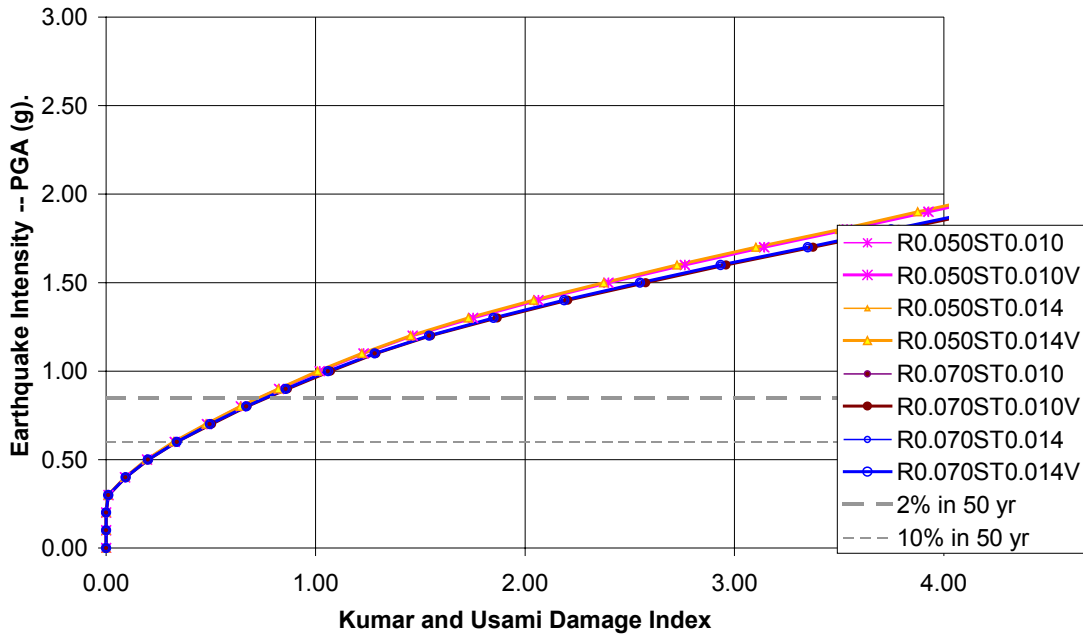


Figure D2.3.3.5e – Kumar and Usami Damage Indices of the San Francisco B 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

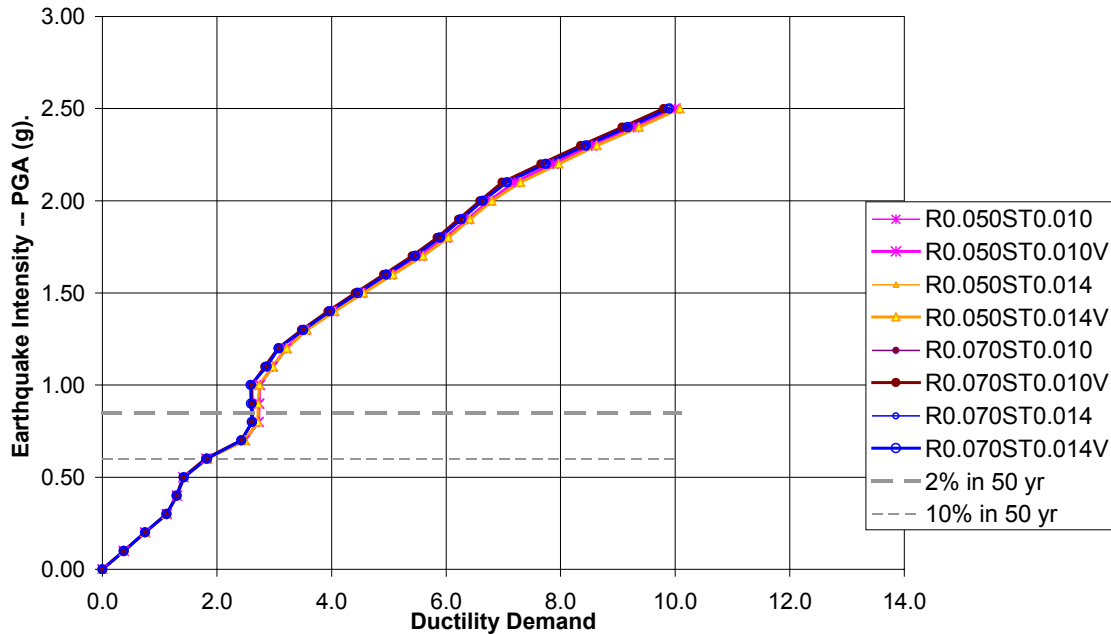


Figure D2.3.3.9a – Ductility Demands of the San Francisco B 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

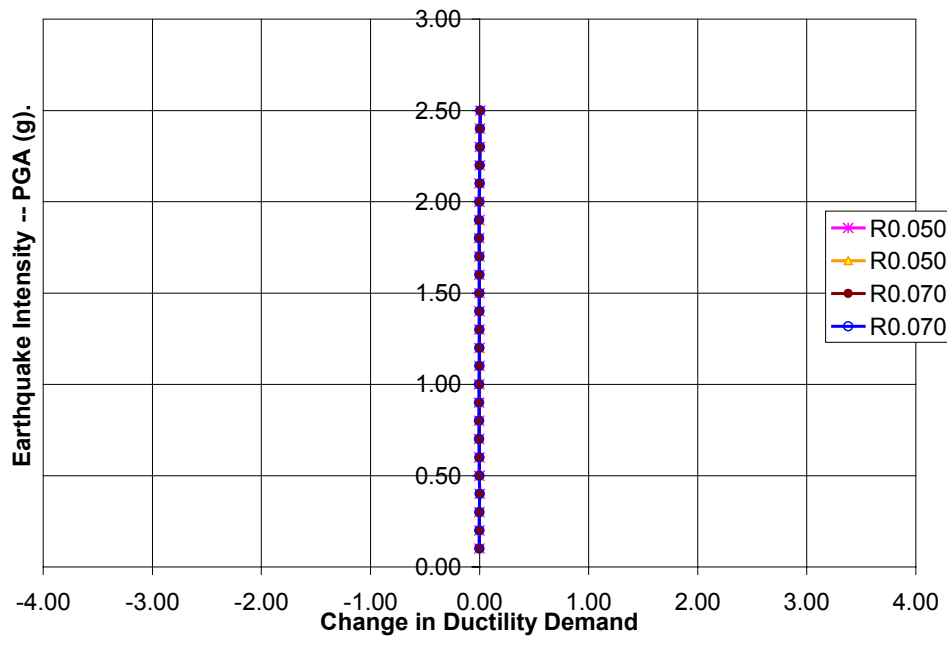


Figure D2.3.3.9b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco B 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

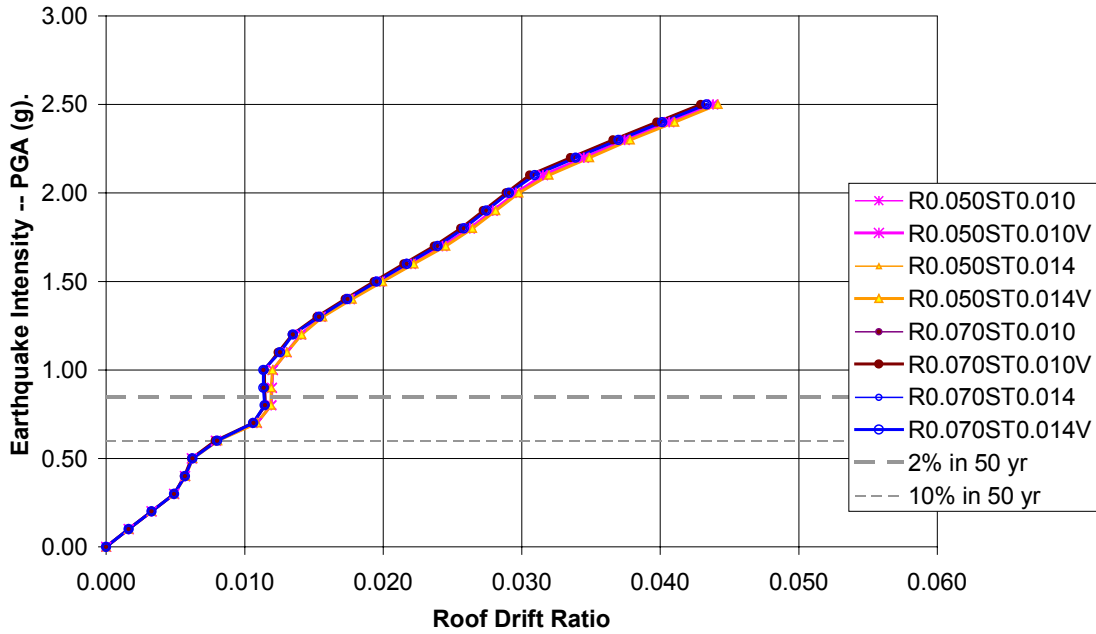


Figure D2.3.3.9c – Roof Drift Ratio of the San Francisco B 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

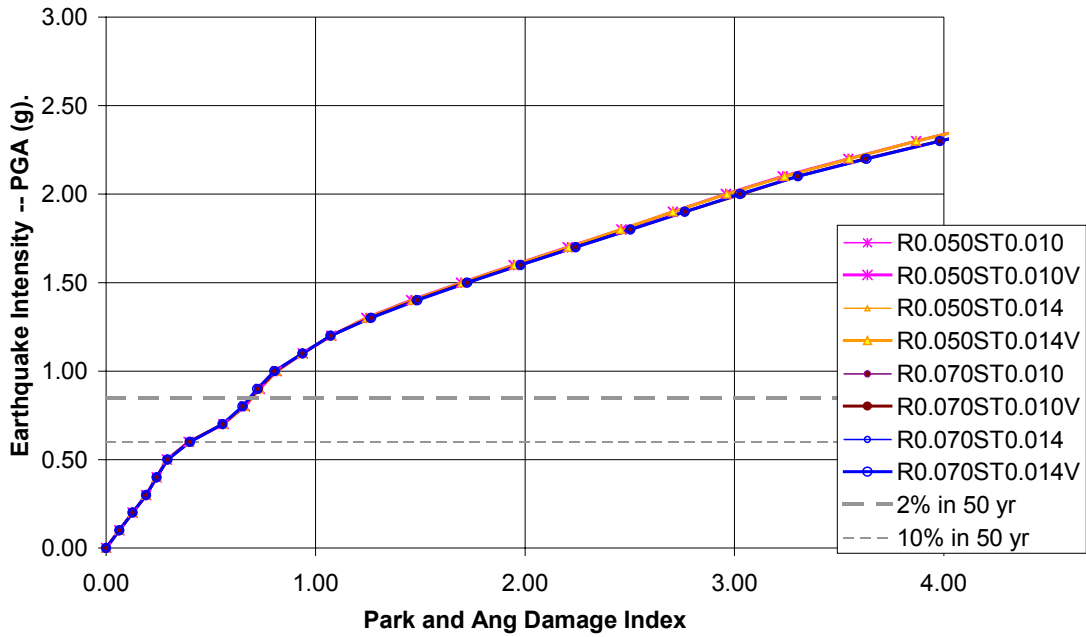


Figure D2.3.3.9d – Park and Ang Damage Indices of the San Francisco B 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

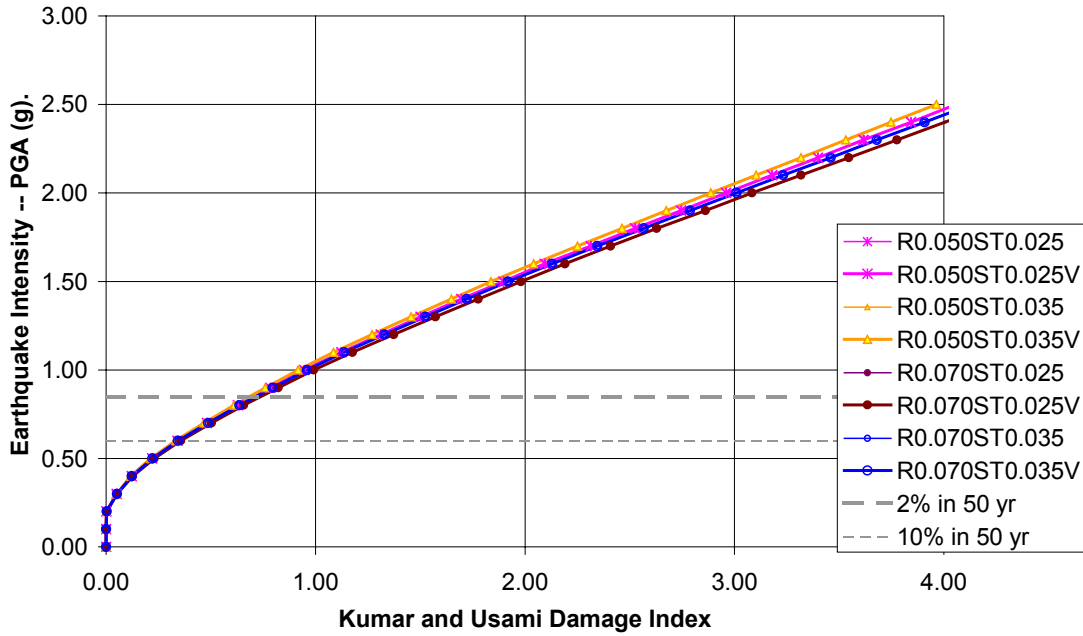


Figure D2.3.3.9e – Kumar and Usami Damage Indices of the San Francisco B 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

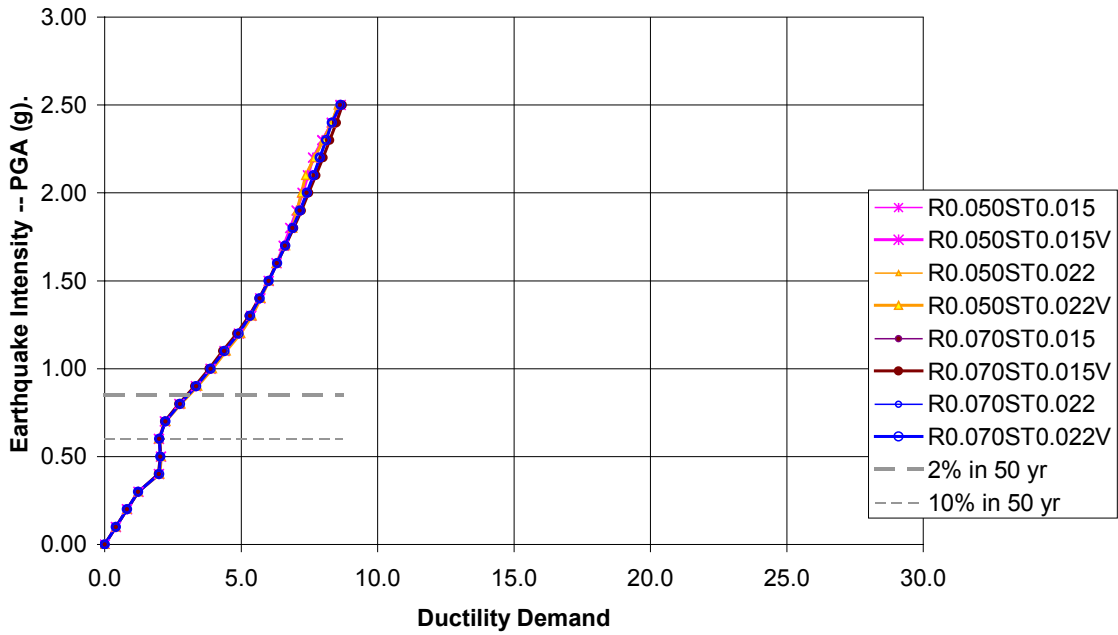


Figure D2.3.5.4a – Ductility Demands of the San Francisco B 5 Story Models Subjected to the Taft Earthquake (EQ 4).

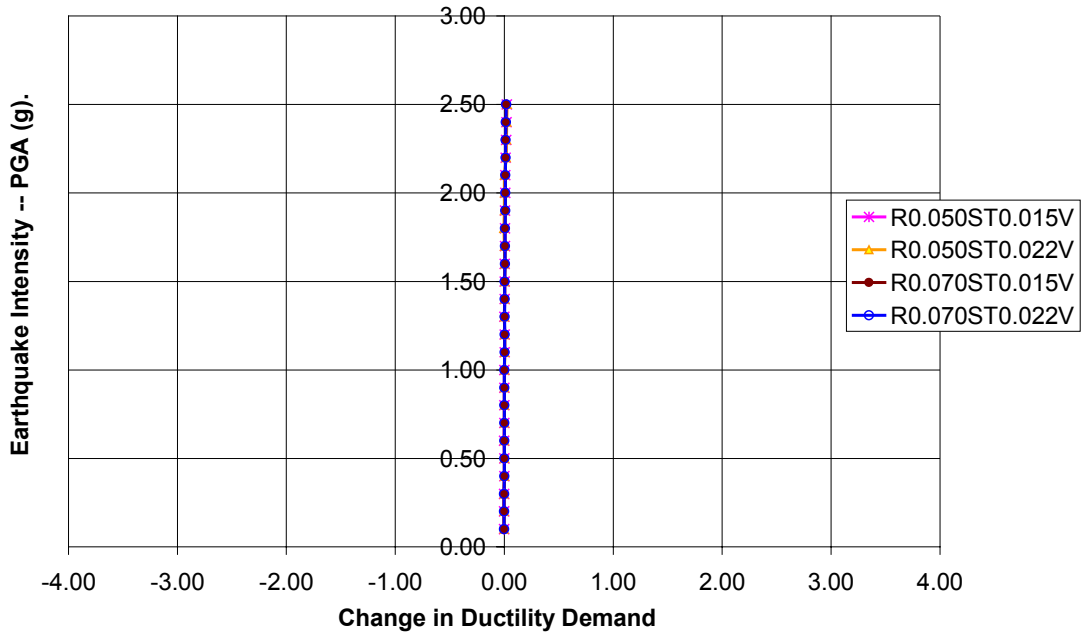


Figure D2.3.5.4b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco B 5 Story Models Subjected to the Taft Earthquake (EQ 4).

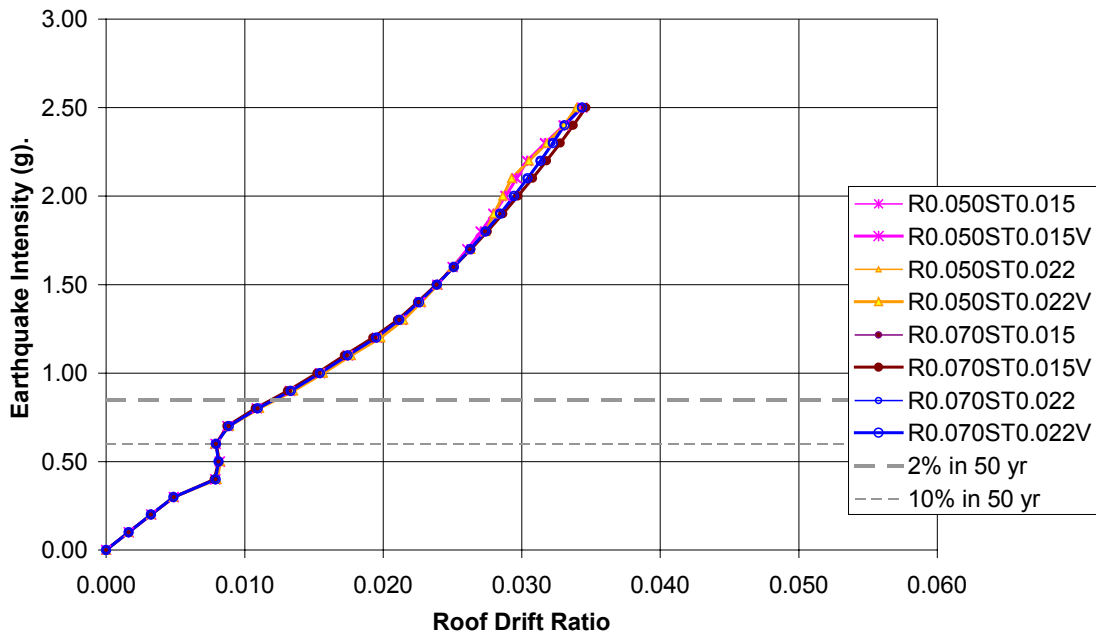


Figure D2.3.5.4c – Roof Drift Ratio of the San Francisco B 5 Story Models Subjected to the Taft Earthquake (EQ 4).

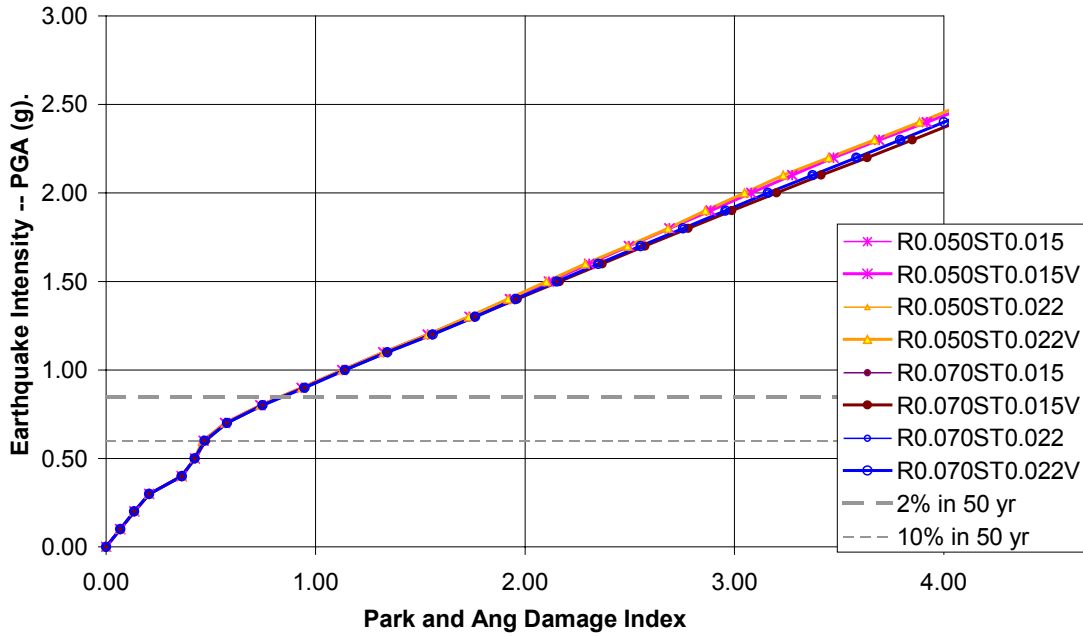


Figure D2.3.5.4d – Park and Ang Damage Indices of the San Francisco B 5 Story Models Subjected to the Taft Earthquake (EQ 4).

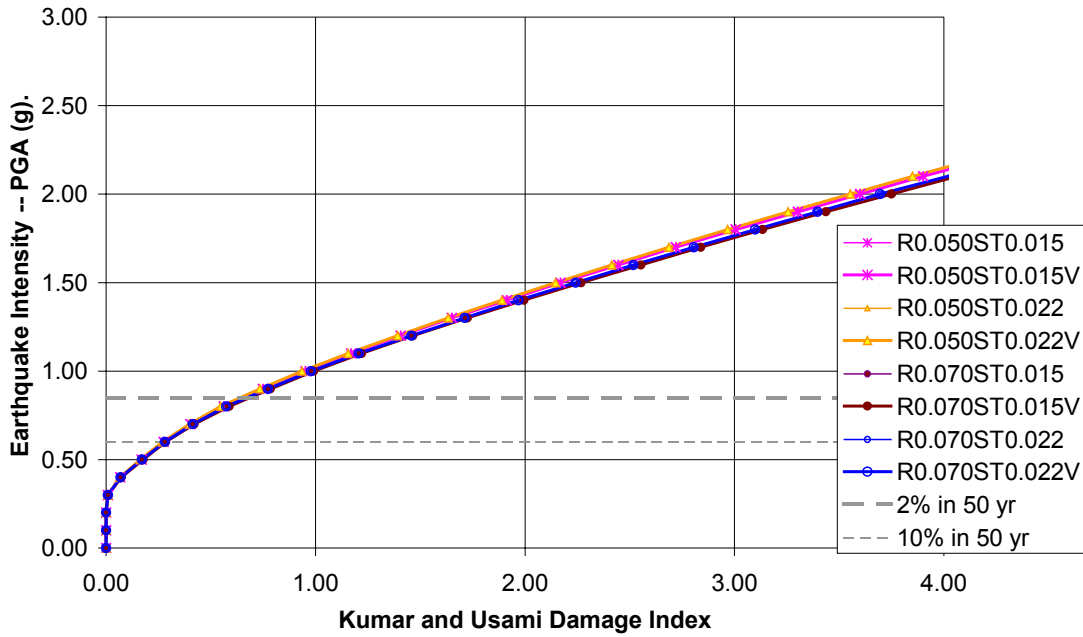


Figure D2.3.5.4e – Kumar and Usami Damage Indices of the San Francisco B 5 Story Models Subjected to the Taft Earthquake (EQ 4).

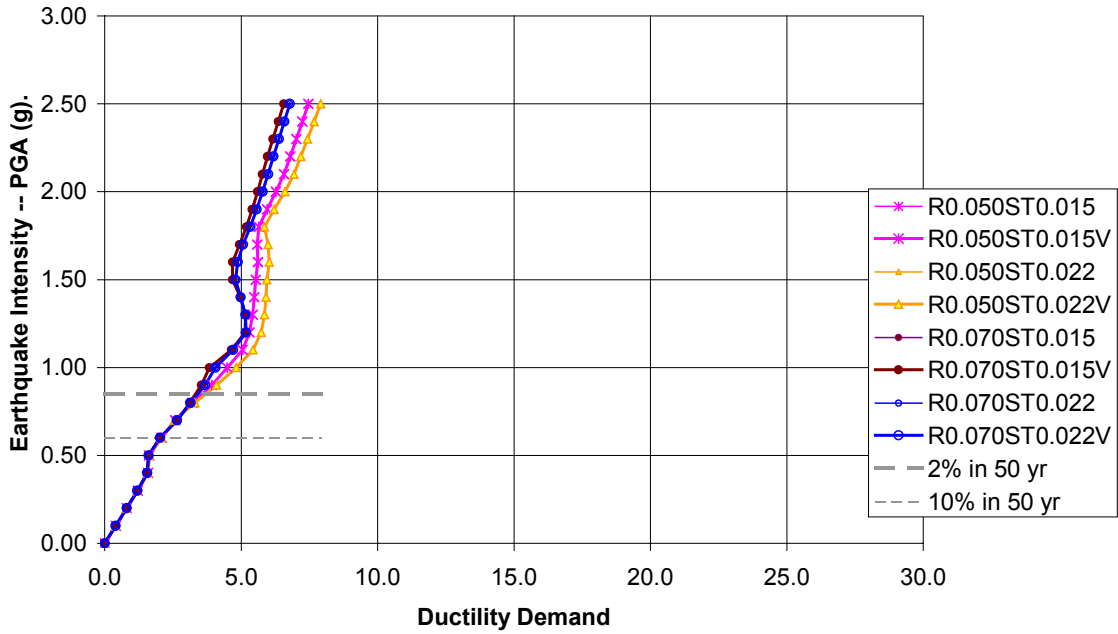


Figure D2.3.5.5a – Ductility Demands of the San Francisco B 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

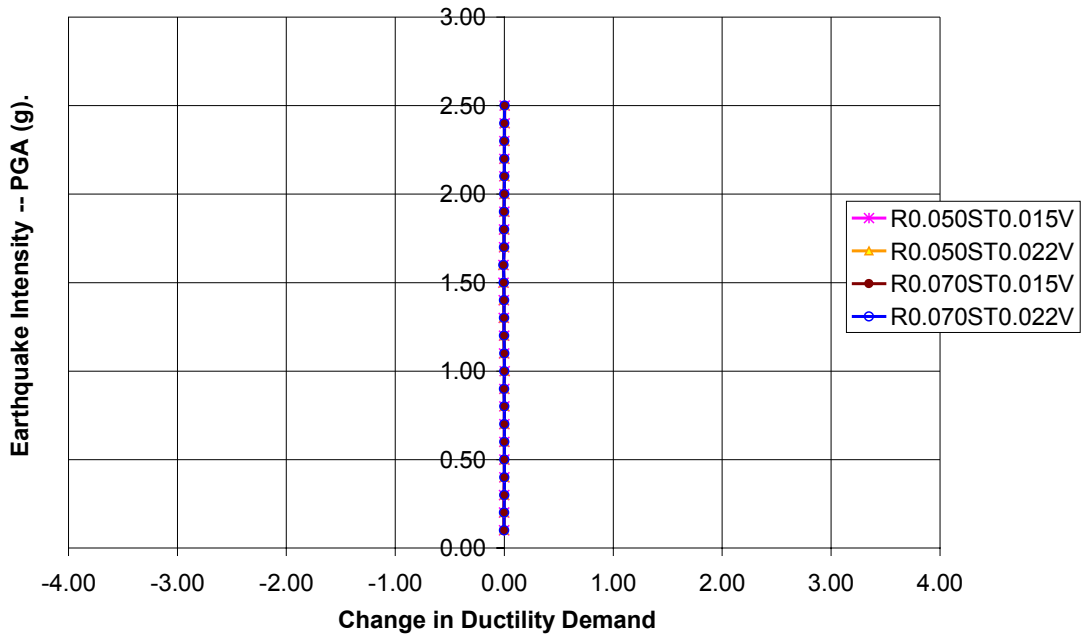


Figure D2.3.5.5b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco B 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

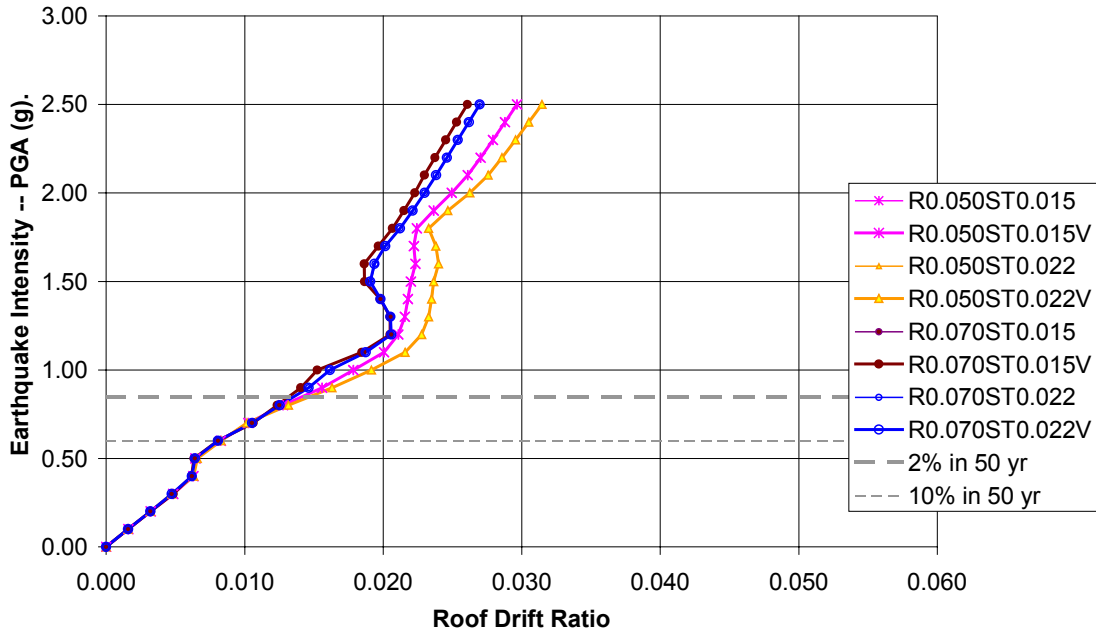


Figure D2.3.5.5c – Roof Drift Ratio of the San Francisco B 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

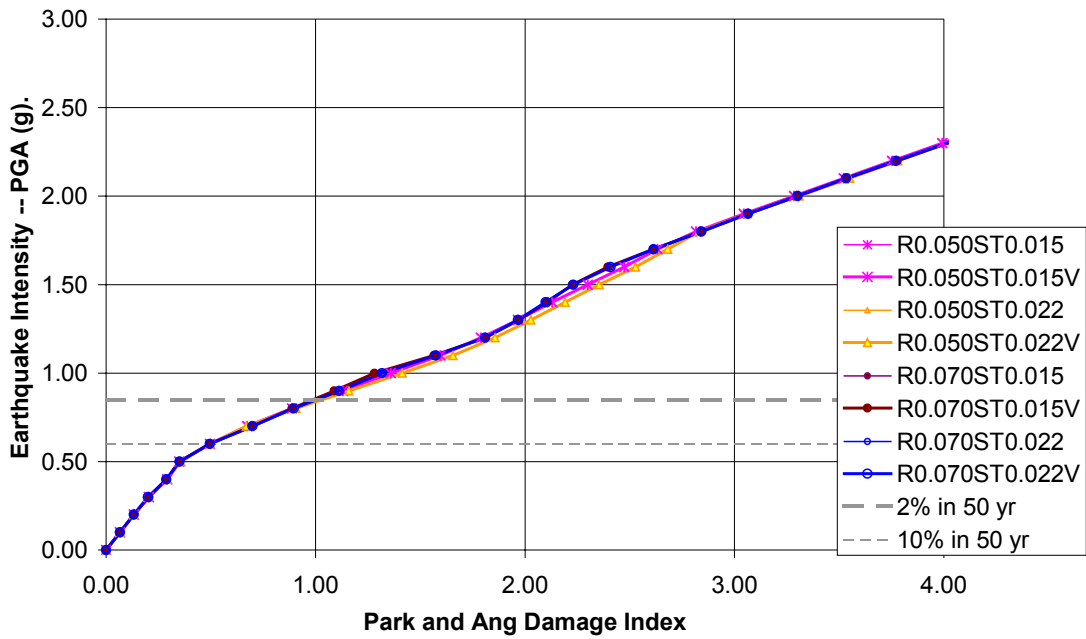


Figure D2.3.5.5d – Park and Ang Damage Indices of the San Francisco B 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

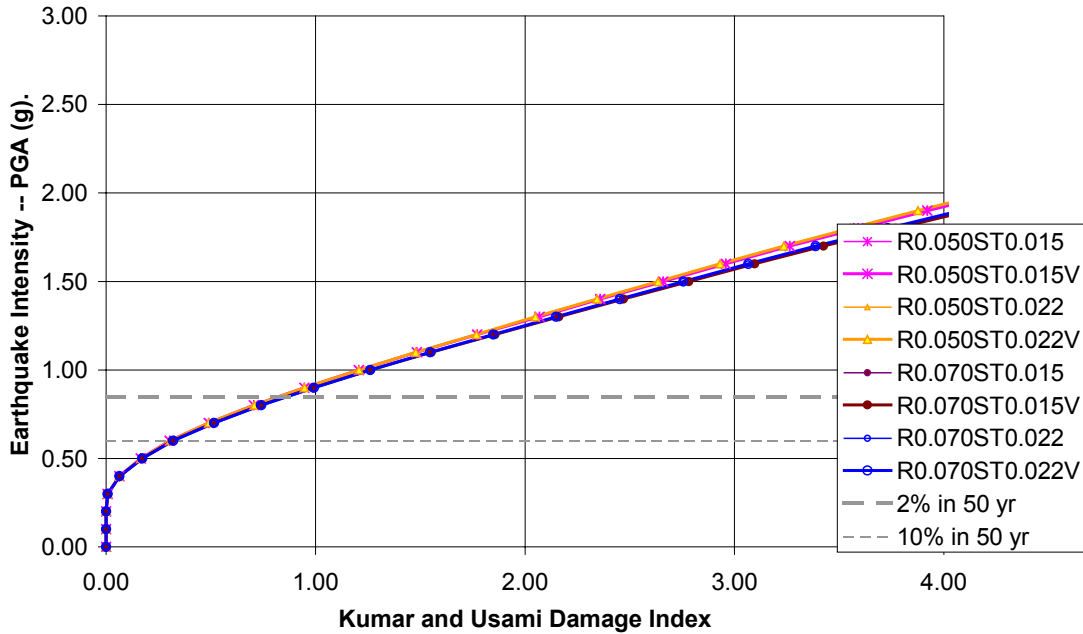


Figure D2.3.5.5e – Kumar and Usami Damage Indices of the San Francisco B 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

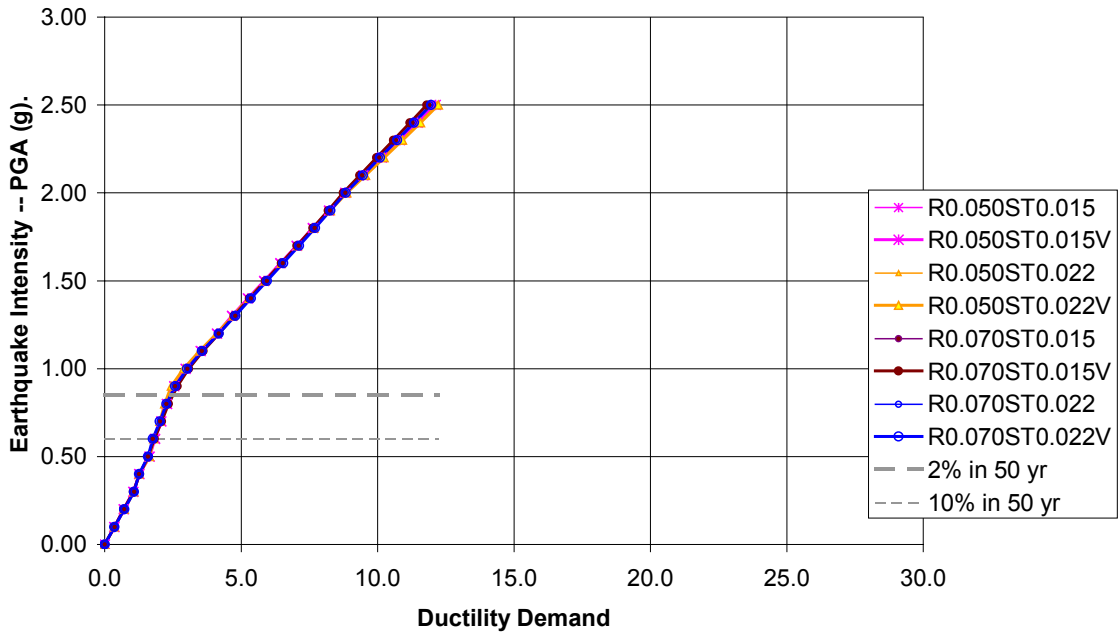


Figure D2.3.5.9a – Ductility Demands of the San Francisco B 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

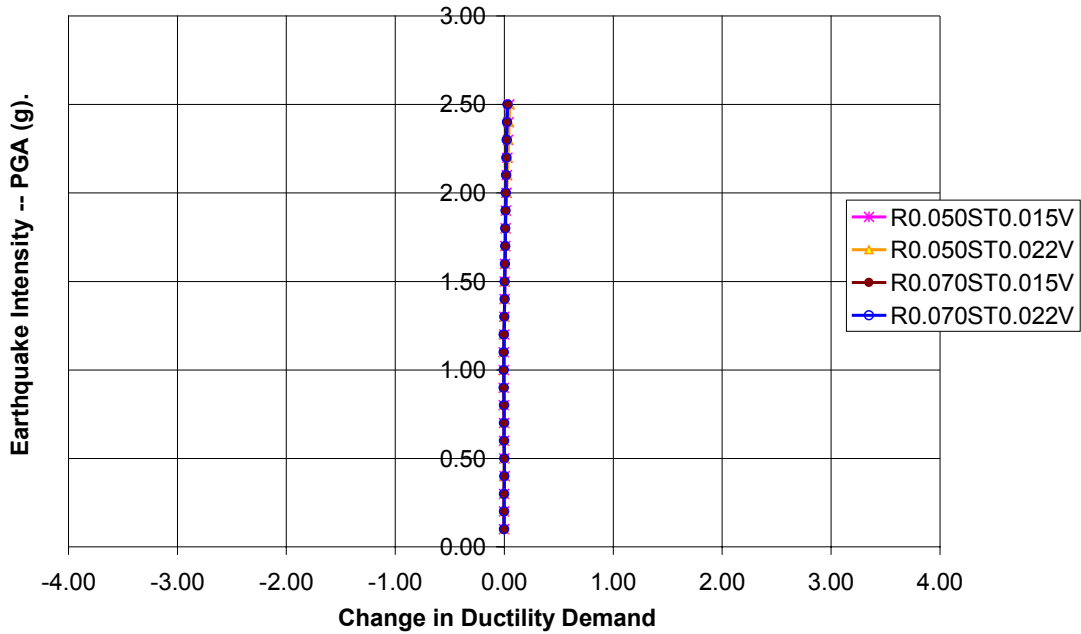


Figure D2.3.5.9b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco B 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

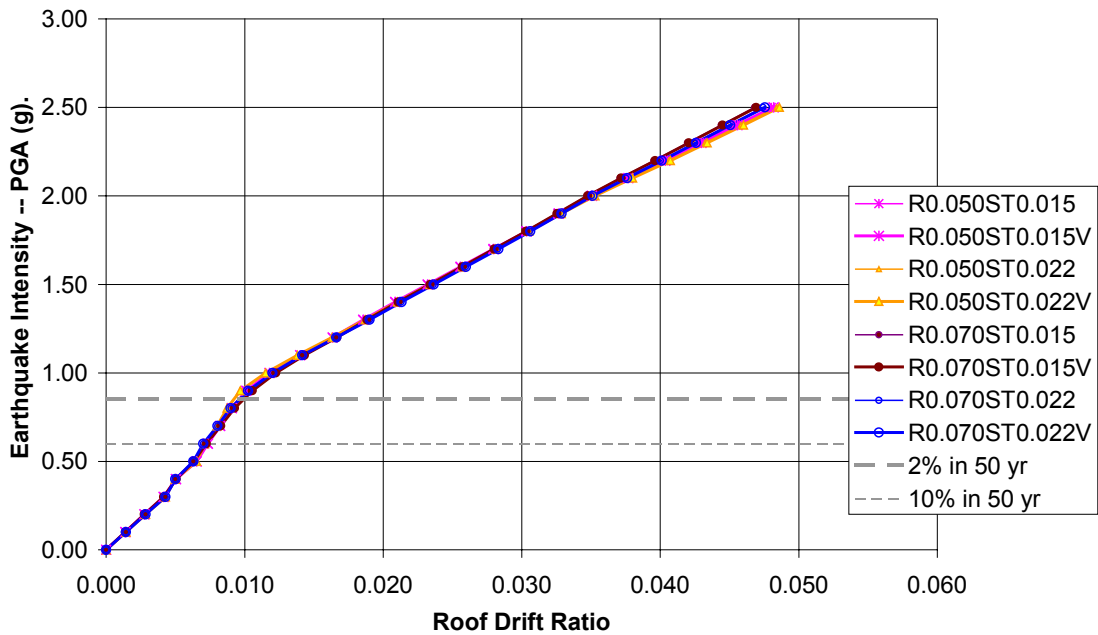


Figure D2.3.5.9c – Roof Drift Ratio of the San Francisco B 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

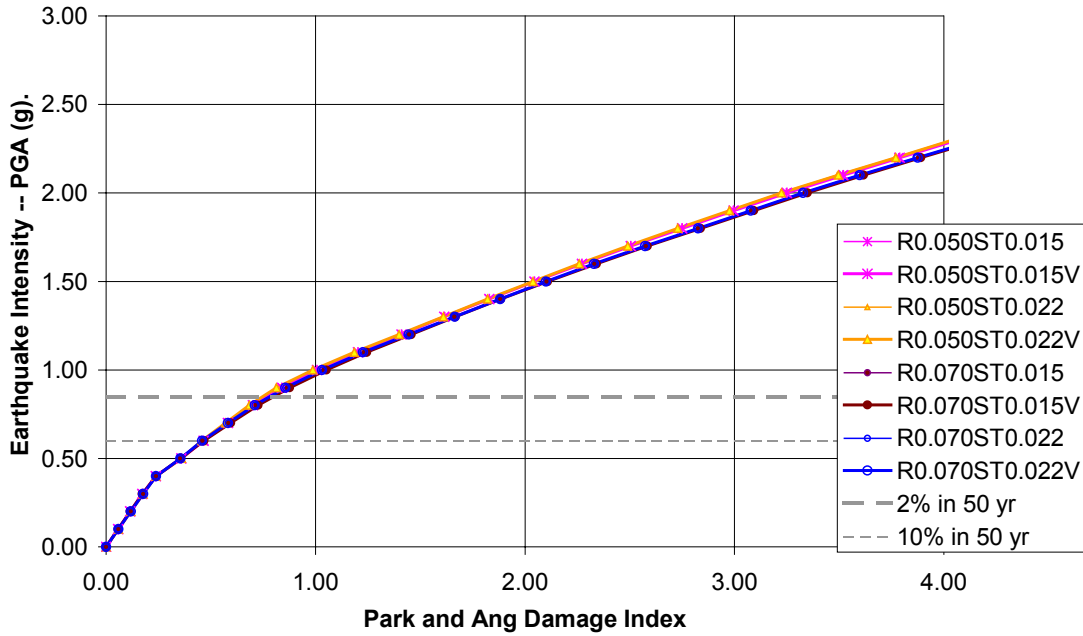


Figure D2.3.5.9d – Park and Ang Damage Indices of the San Francisco B 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

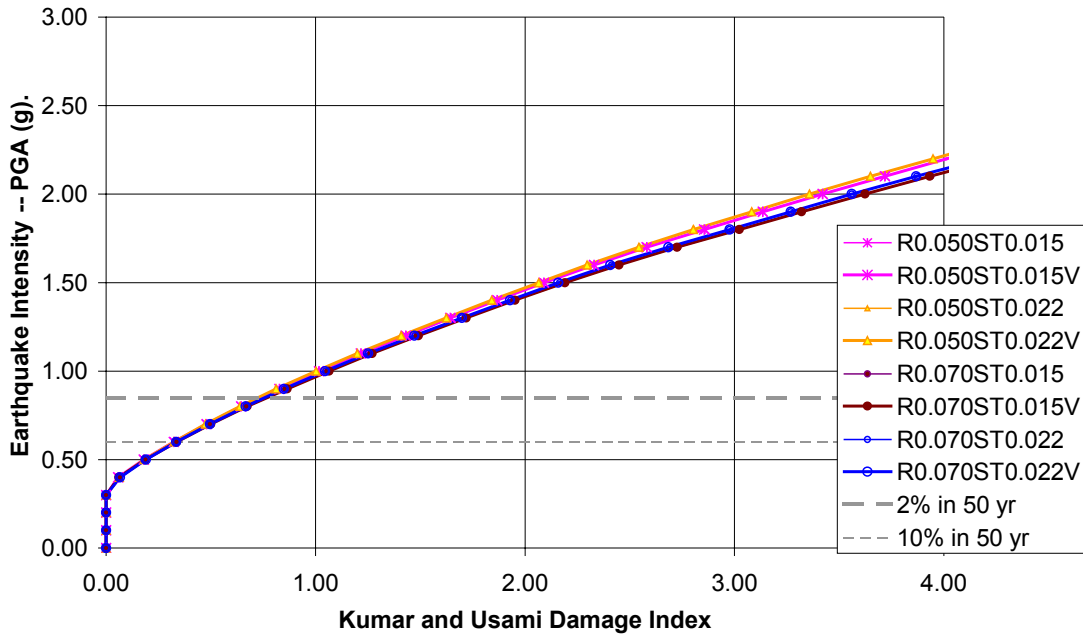


Figure D2.3.5.9e – Kumar and Usami Damage Indices of the San Francisco B 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

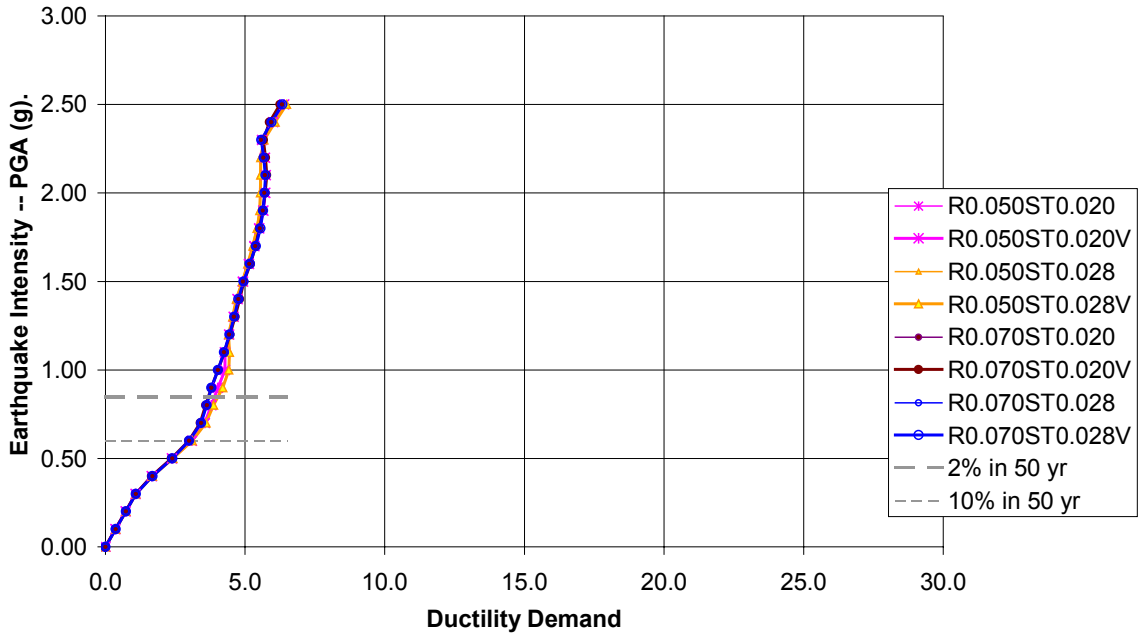


Figure D2.3.7.4a – Ductility Demands of the San Francisco B 7 Story Models Subjected to the Taft Earthquake (EQ 4).

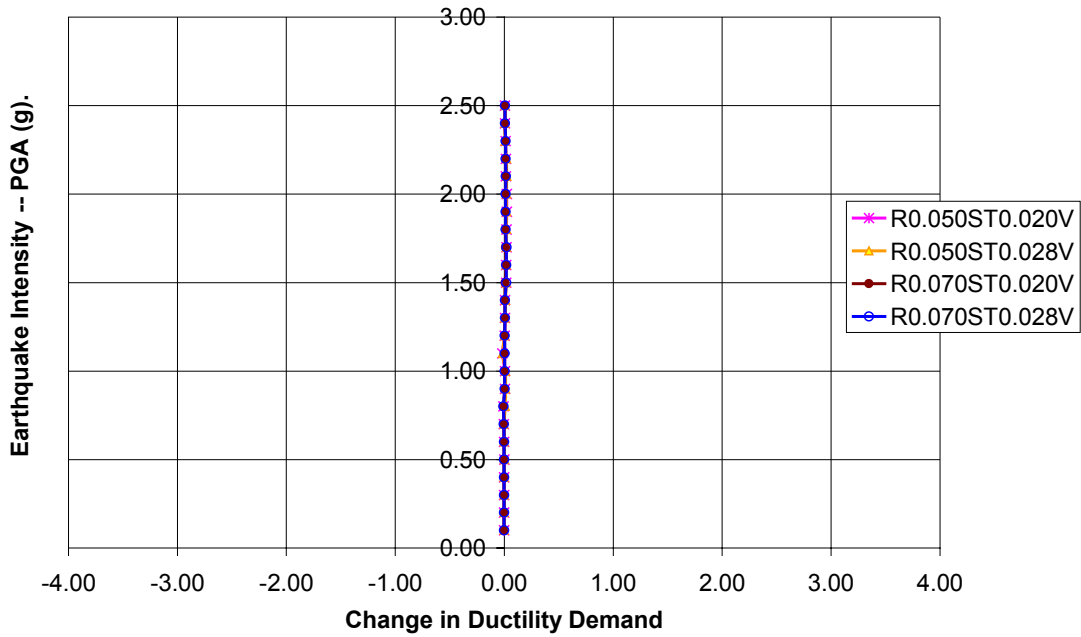


Figure D2.3.7.4b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco B 7 Story Models Subjected to the Taft Earthquake (EQ 4).

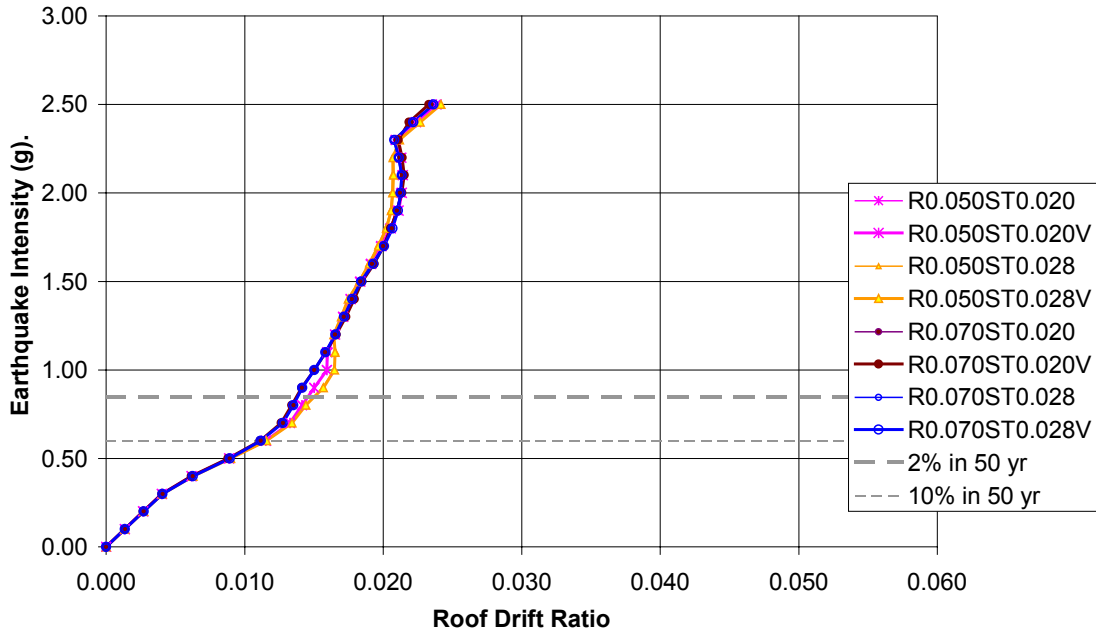


Figure D2.3.7.4c – Roof Drift Ratio of the San Francisco B 7 Story Models Subjected to the Taft Earthquake (EQ 4).

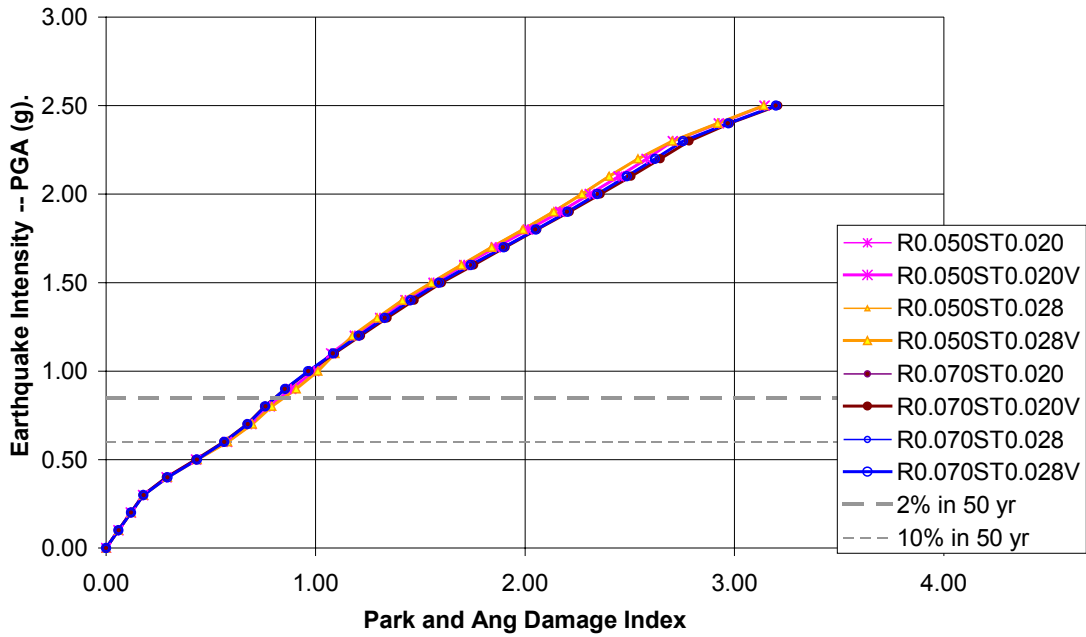


Figure D2.3.7.4d – Park and Ang Damage Indices of the San Francisco B 7 Story Models Subjected to the Taft Earthquake (EQ 4).

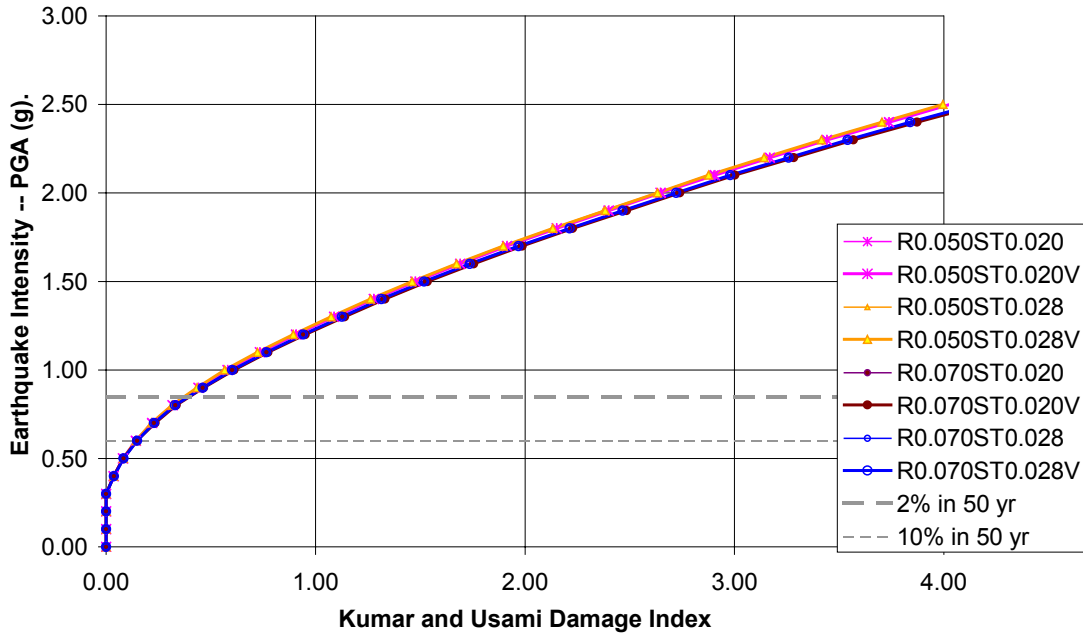


Figure D2.3.7.4e – Kumar and Usami Damage Indices of the San Francisco B 7 Story Models Subjected to the Taft Earthquake (EQ 4).

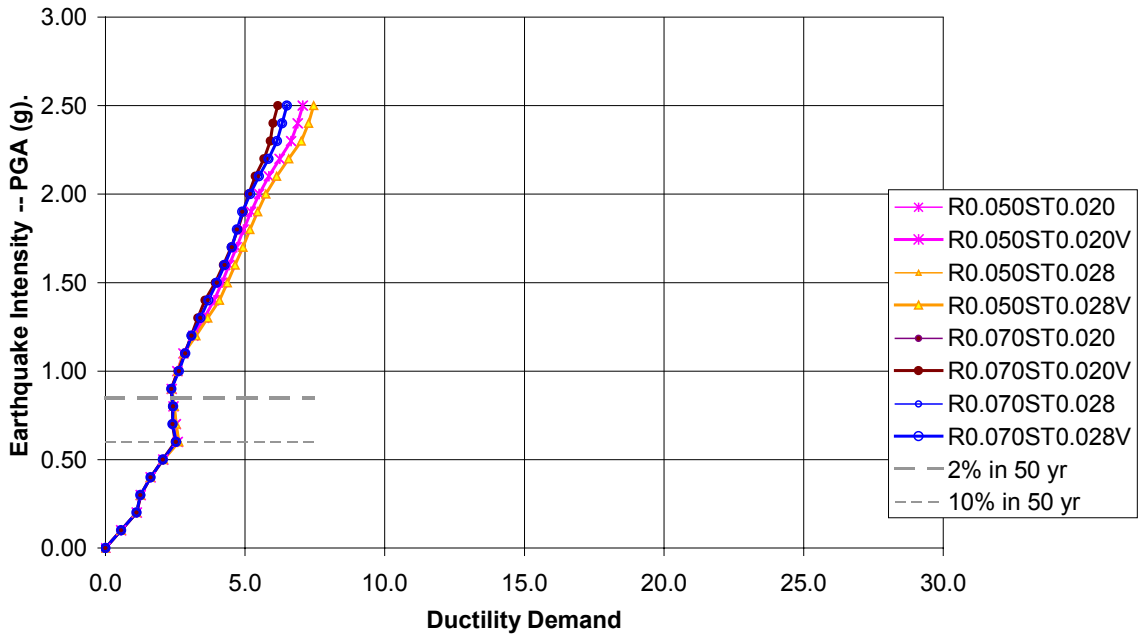


Figure D2.3.7.5a – Ductility Demands of the San Francisco B 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

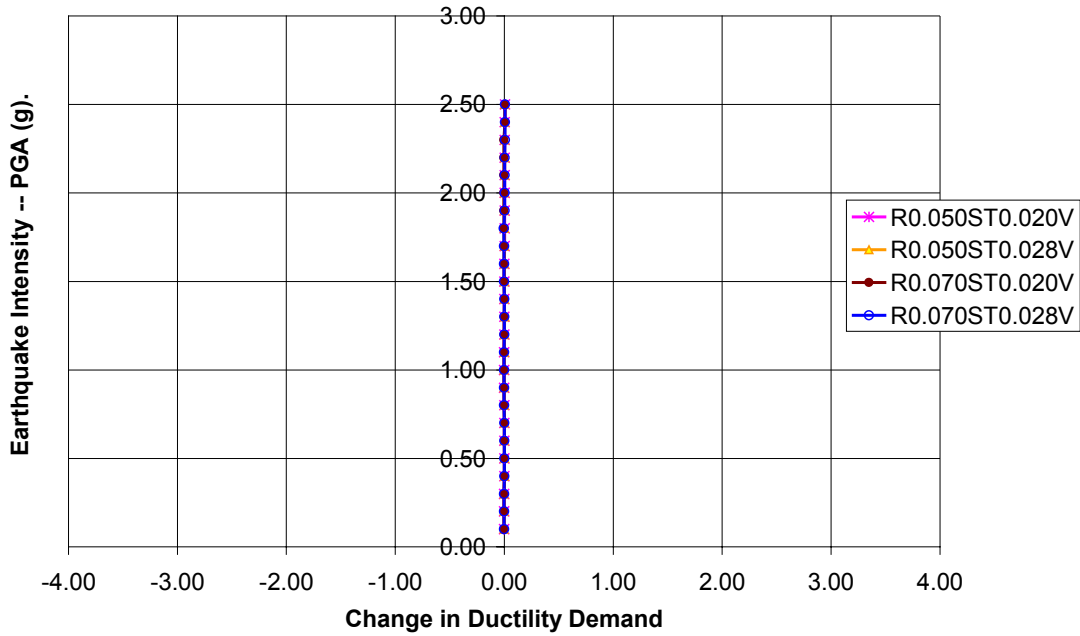


Figure D2.3.7.5b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco B 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

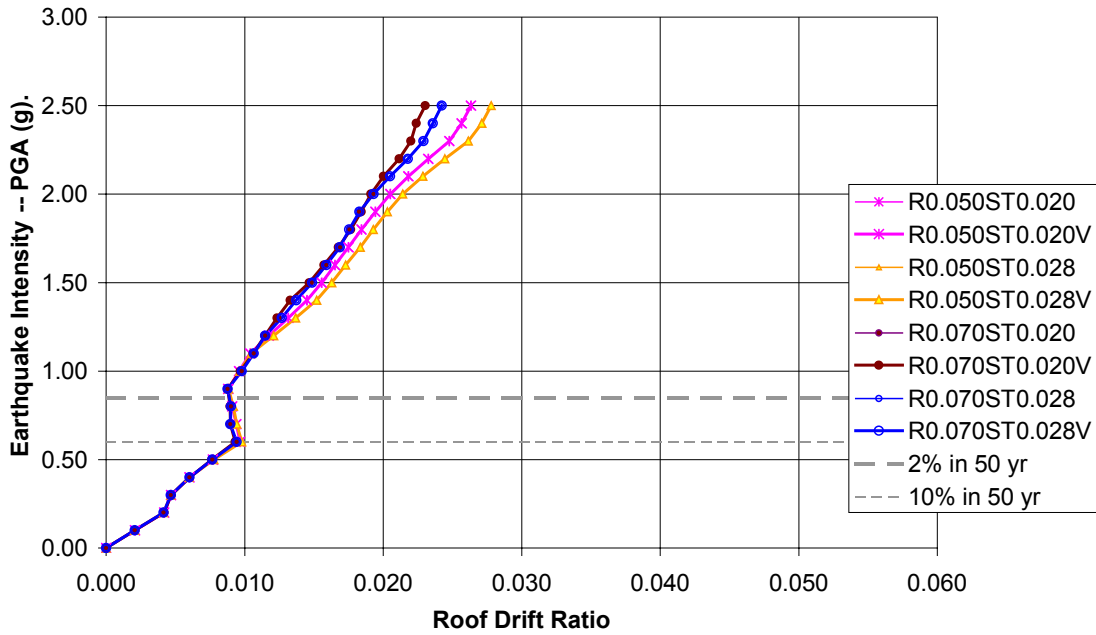


Figure D2.3.7.5c – Roof Drift Ratio of the San Francisco B 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

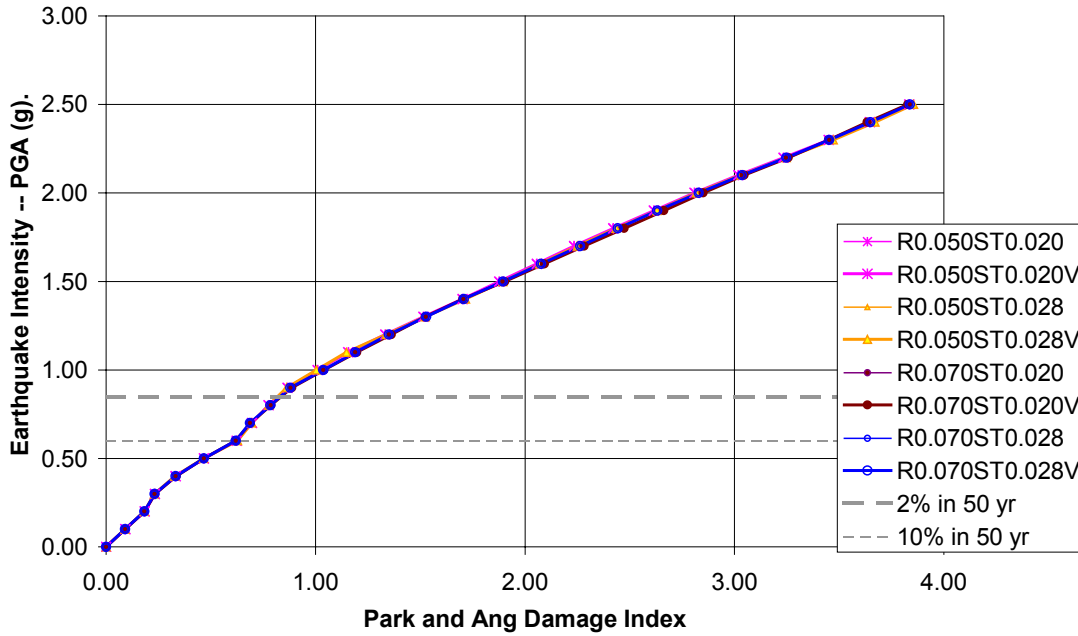


Figure D2.3.7.5d – Park and Ang Damage Indices of the San Francisco B 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

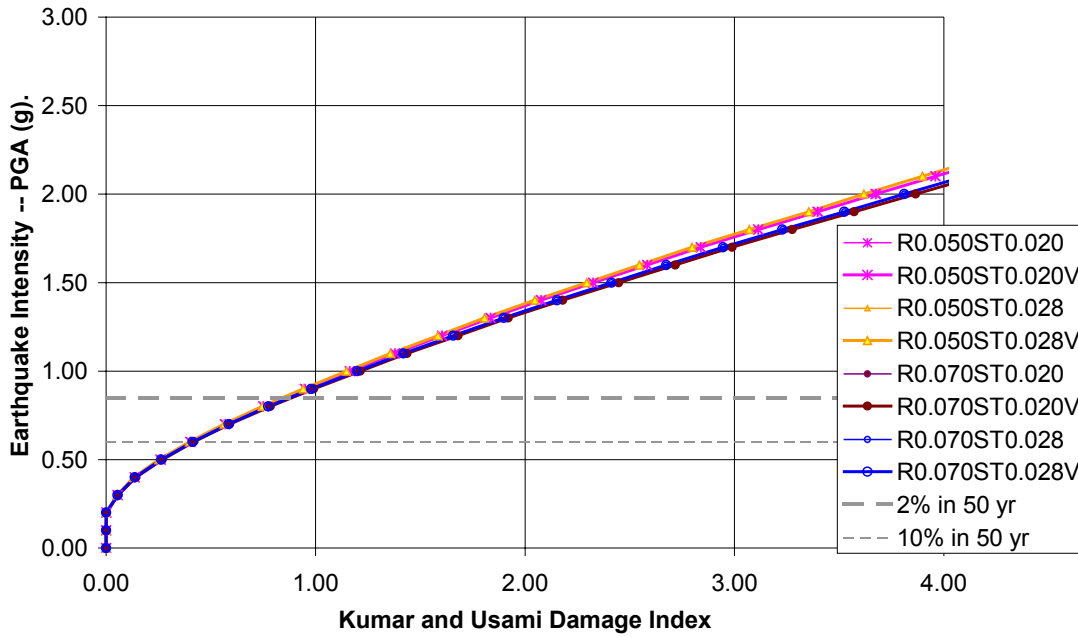


Figure D2.3.7.5e – Kumar and Usami Damage Indices of the San Francisco B 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

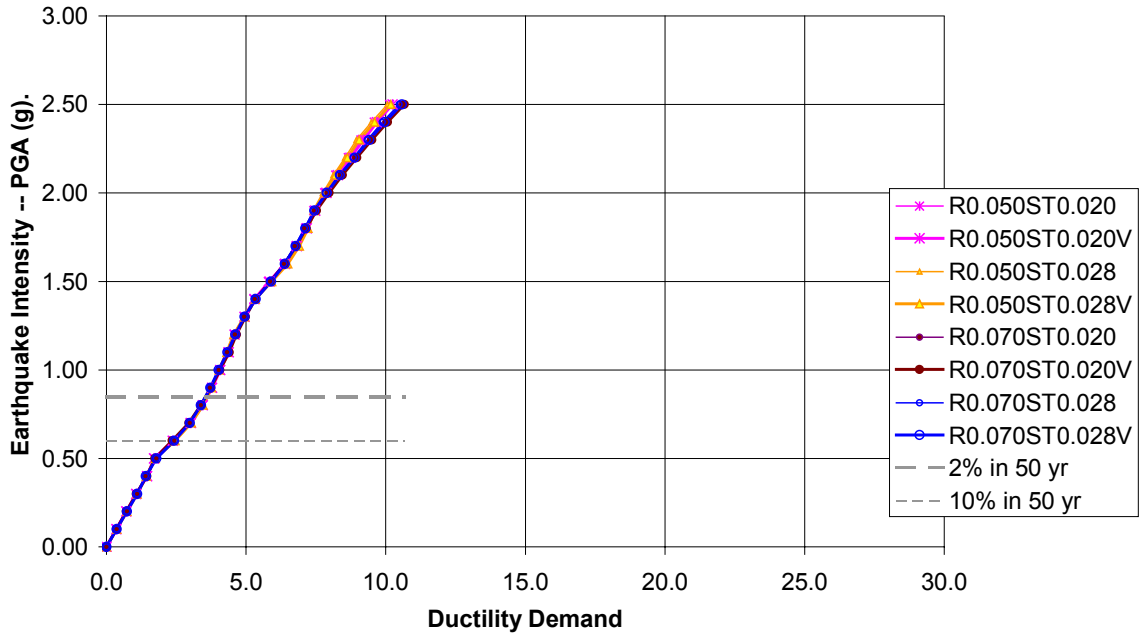


Figure D2.3.7.9a – Ductility Demands of the San Francisco B 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

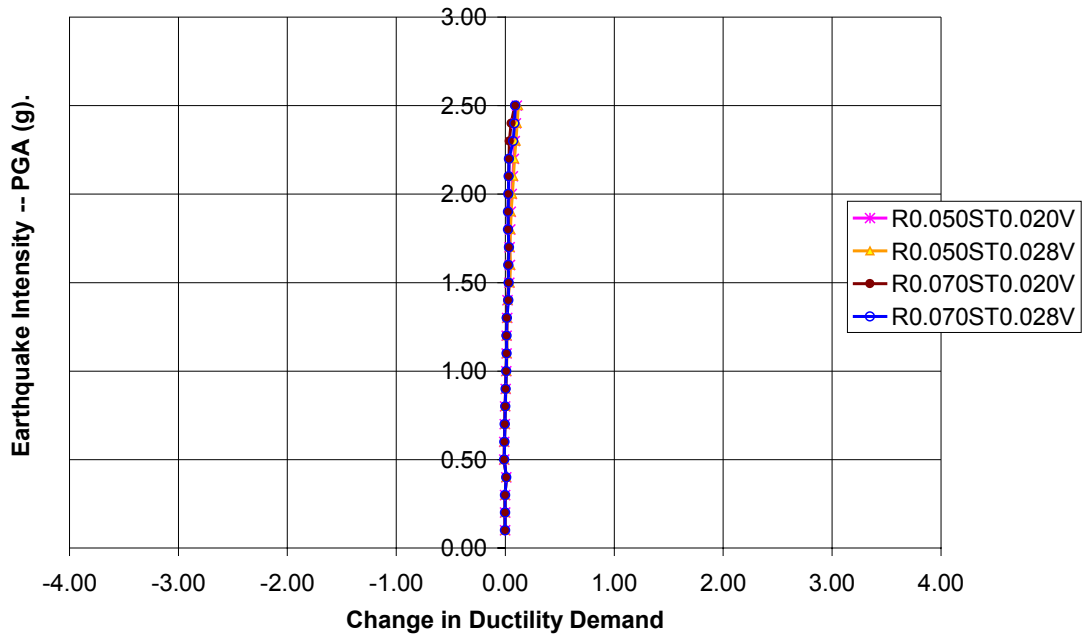


Figure D2.3.7.9b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco B 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

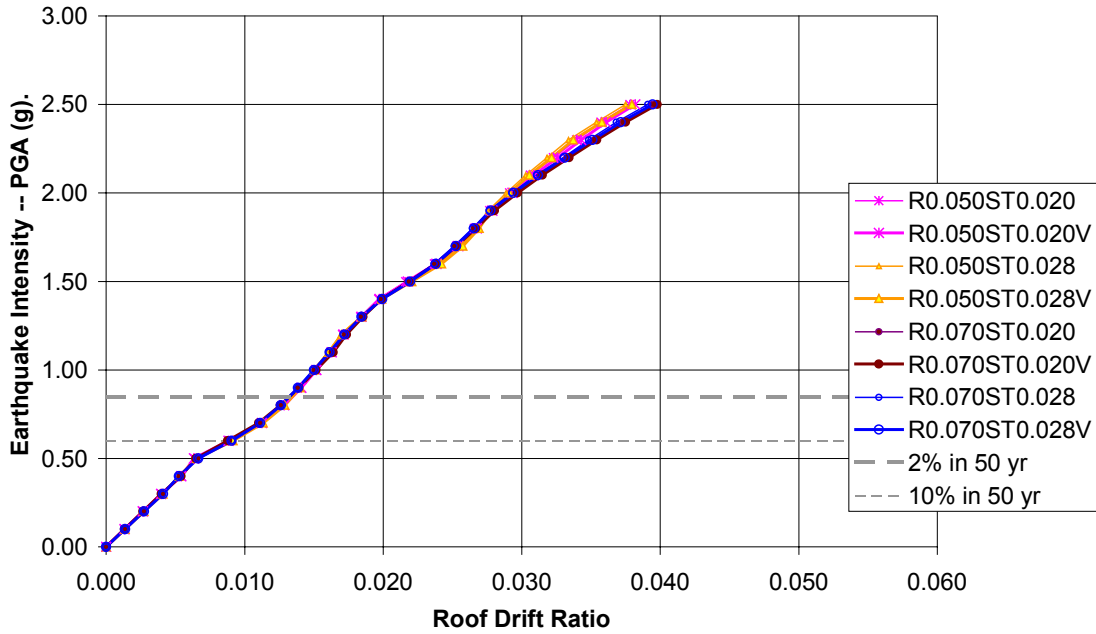


Figure D2.3.7.9c – Roof Drift Ratio of the San Francisco B 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

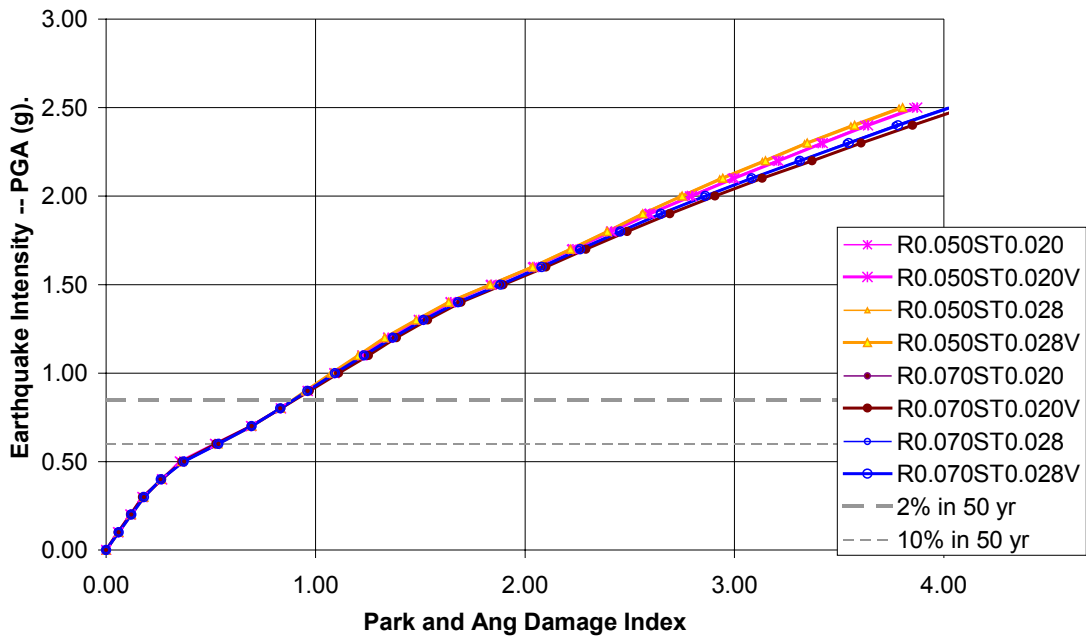


Figure D2.3.7.9d – Park and Ang Damage Indices of the San Francisco B 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

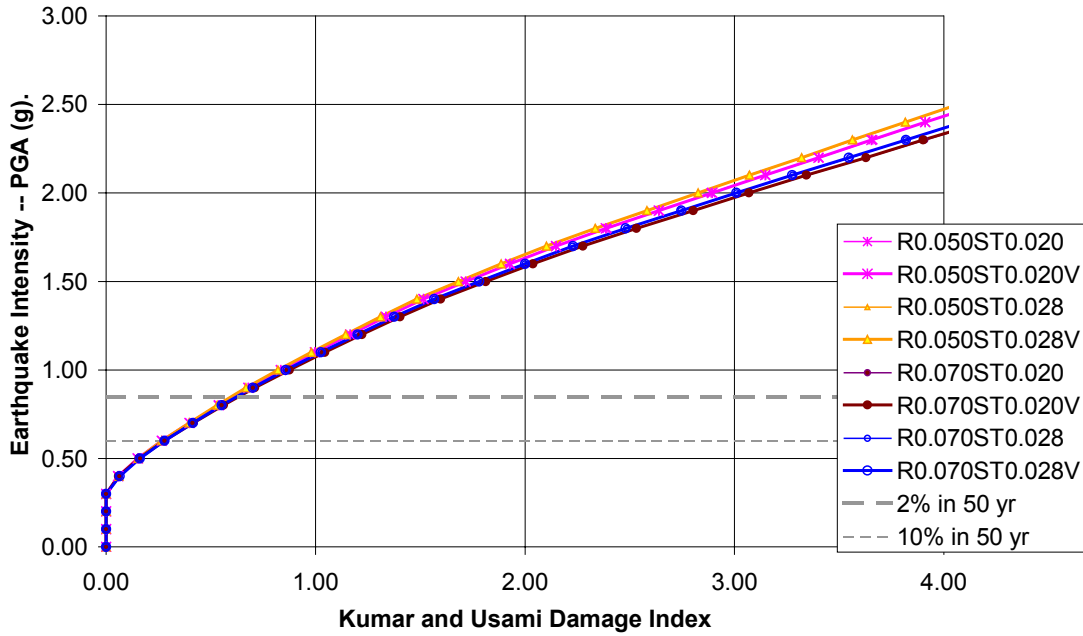


Figure D2.3.7.9e – Kumar and Usami Damage Indices of the San Francisco B 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

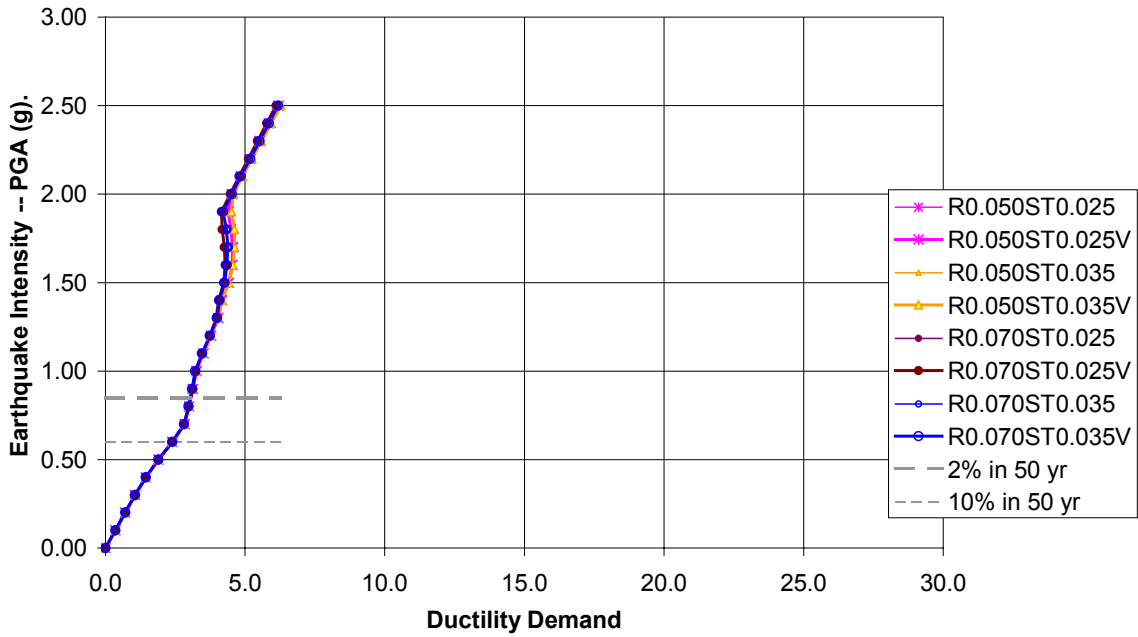


Figure D2.3.9.4a – Ductility Demands of the San Francisco B 9 Story Models Subjected to the Taft Earthquake (EQ 4).

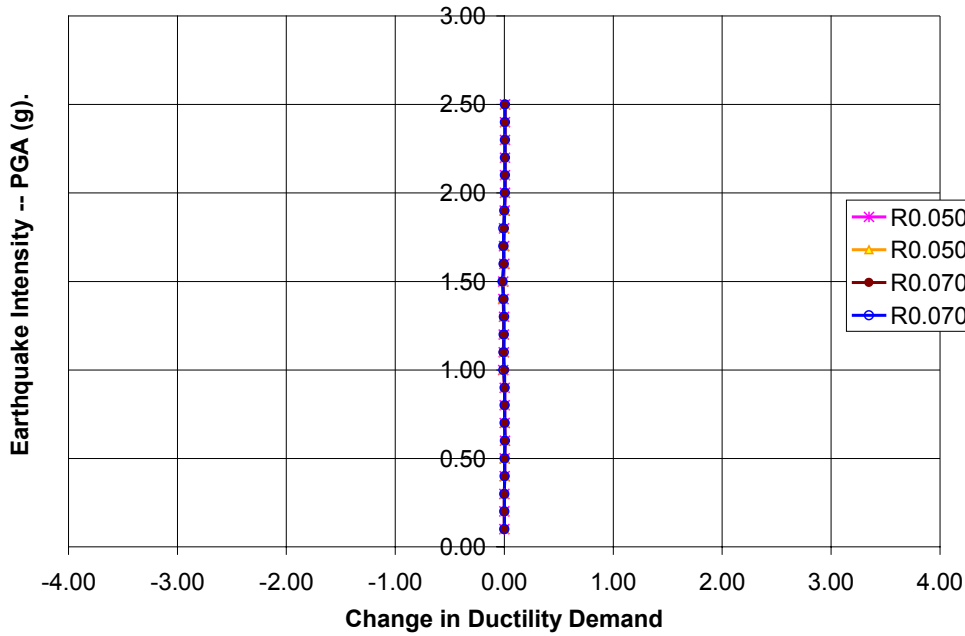


Figure D2.3.9.4b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco B 9 Story Models Subjected to the Taft Earthquake (EQ 4).

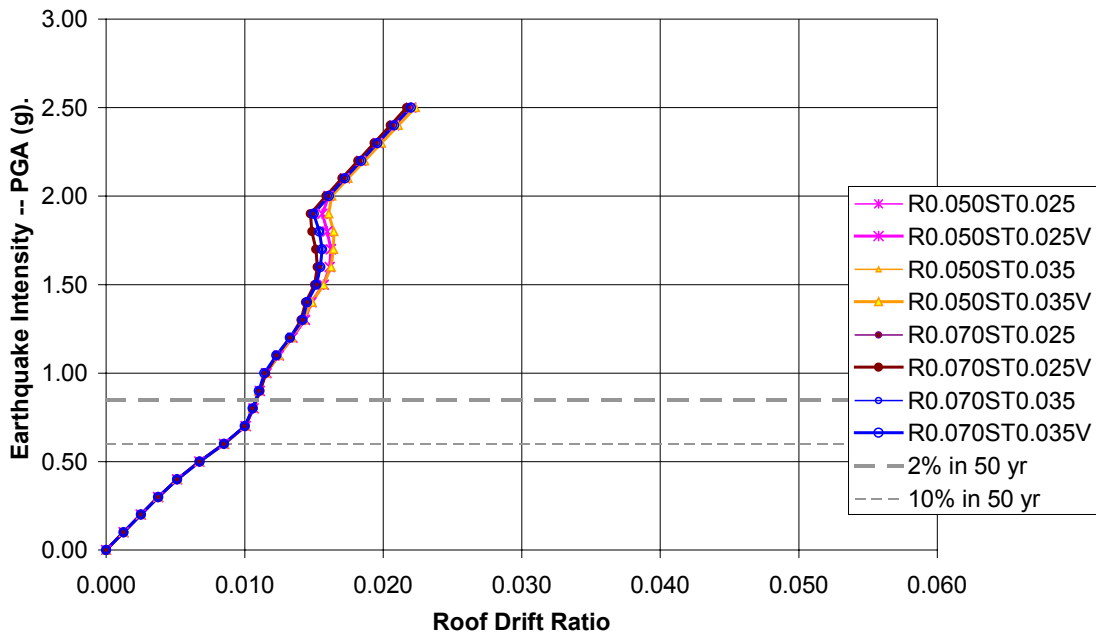


Figure D2.3.9.4c – Roof Drift Ratio of the San Francisco B 9 Story Models Subjected to the Taft Earthquake (EQ 4).

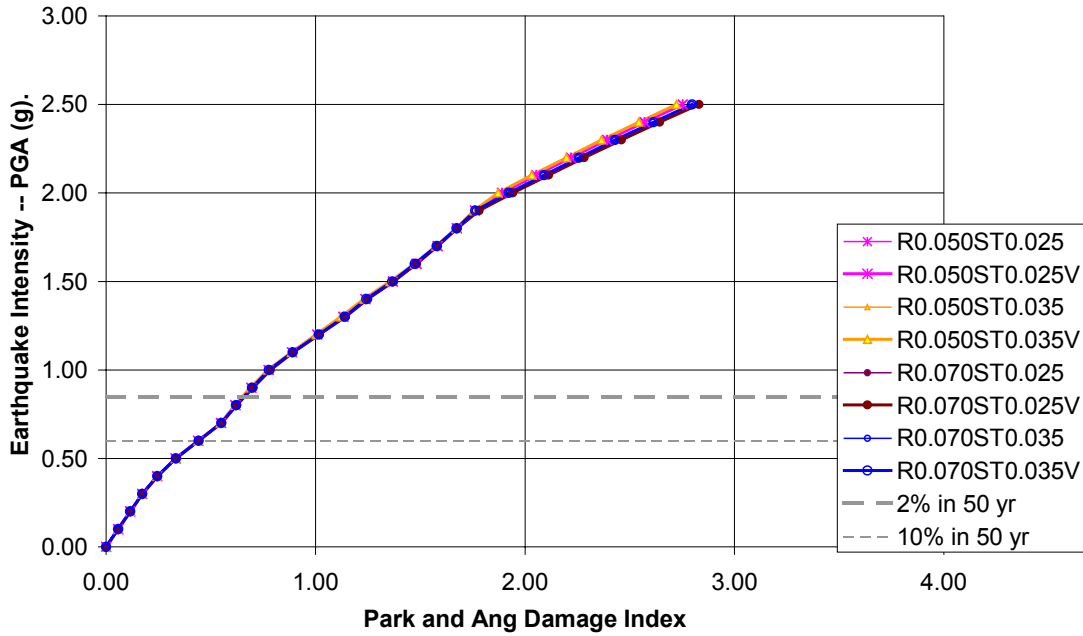


Figure D2.3.9.4d – Park and Ang Damage Indices of the San Francisco B 9 Story Models Subjected to the Taft Earthquake (EQ 4).

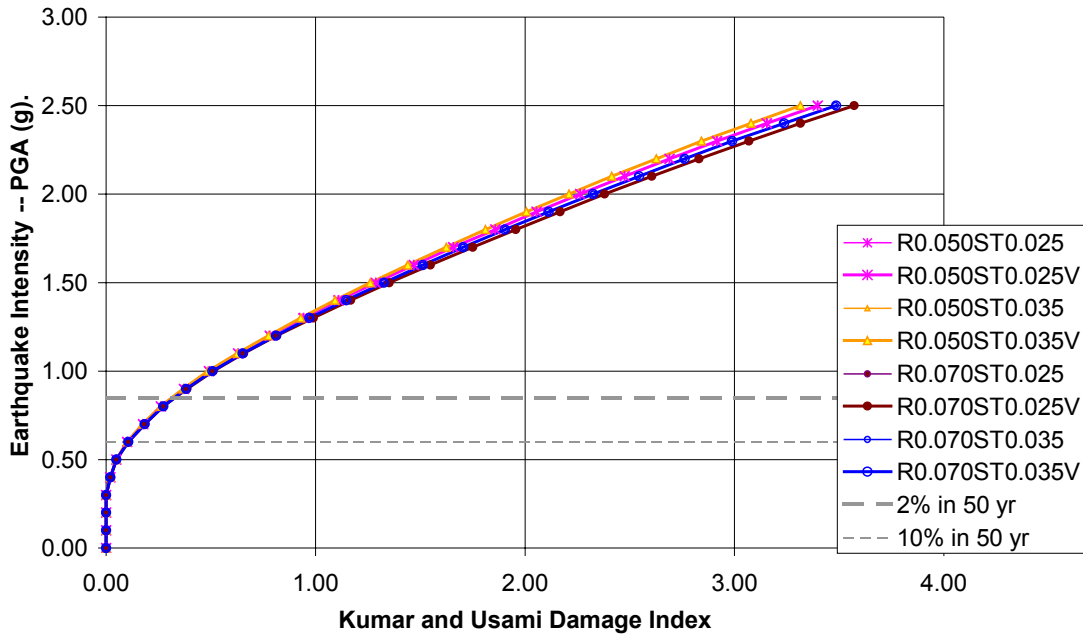


Figure D2.3.9.4e – Kumar and Usami Damage Indices of the San Francisco B 9 Story Models Subjected to the Taft Earthquake (EQ 4).

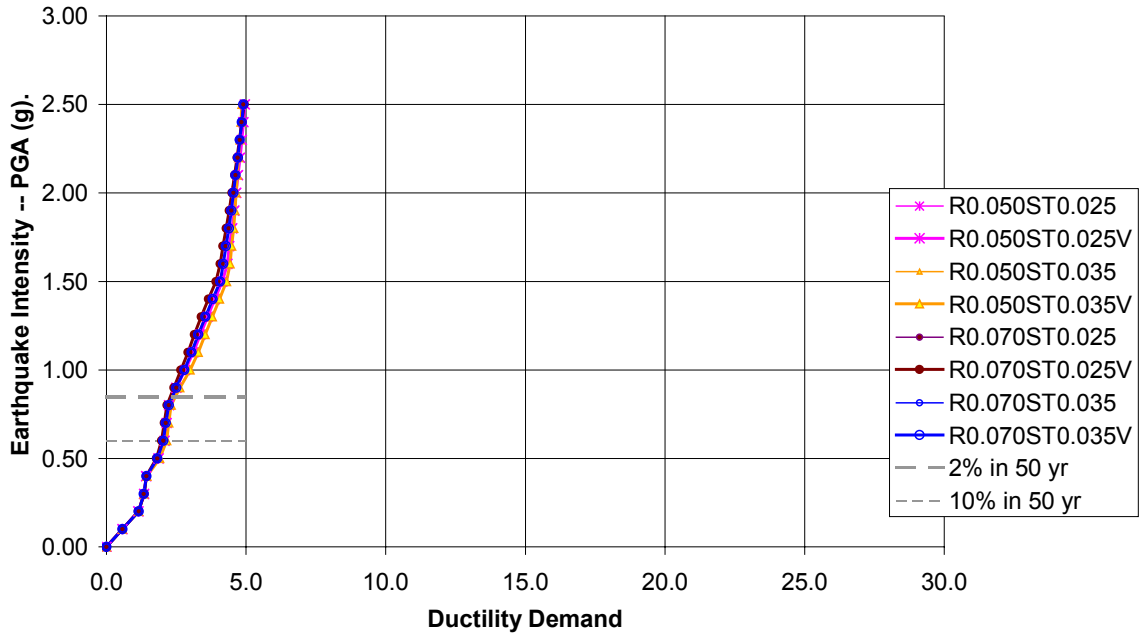


Figure D2.3.9.5a – Ductility Demands of the San Francisco B 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

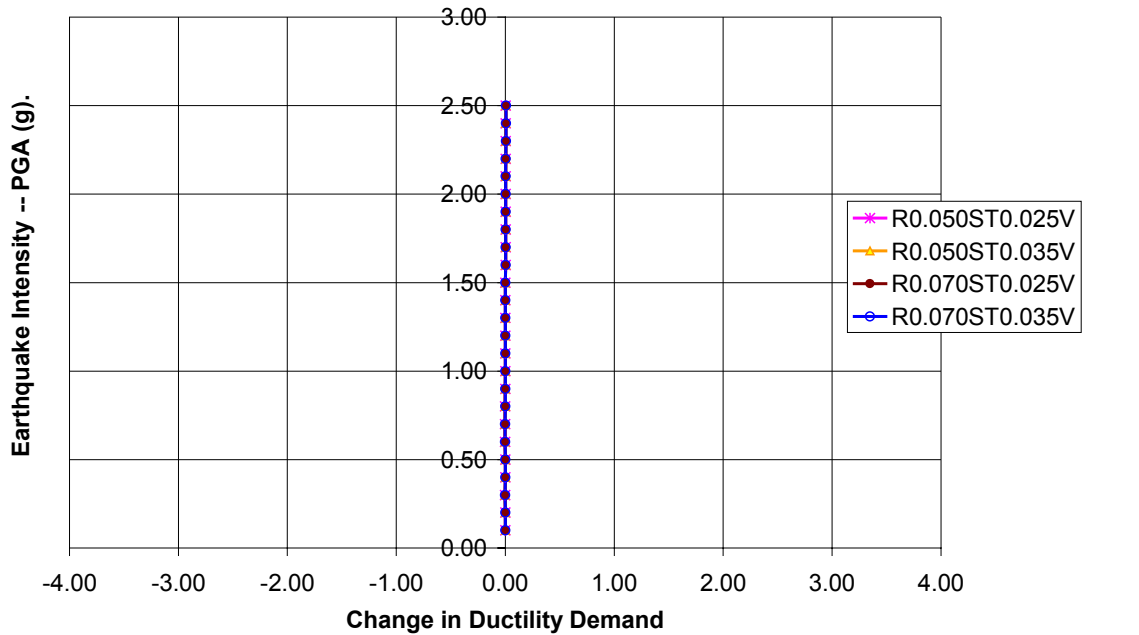


Figure D2.3.9.5b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco B 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

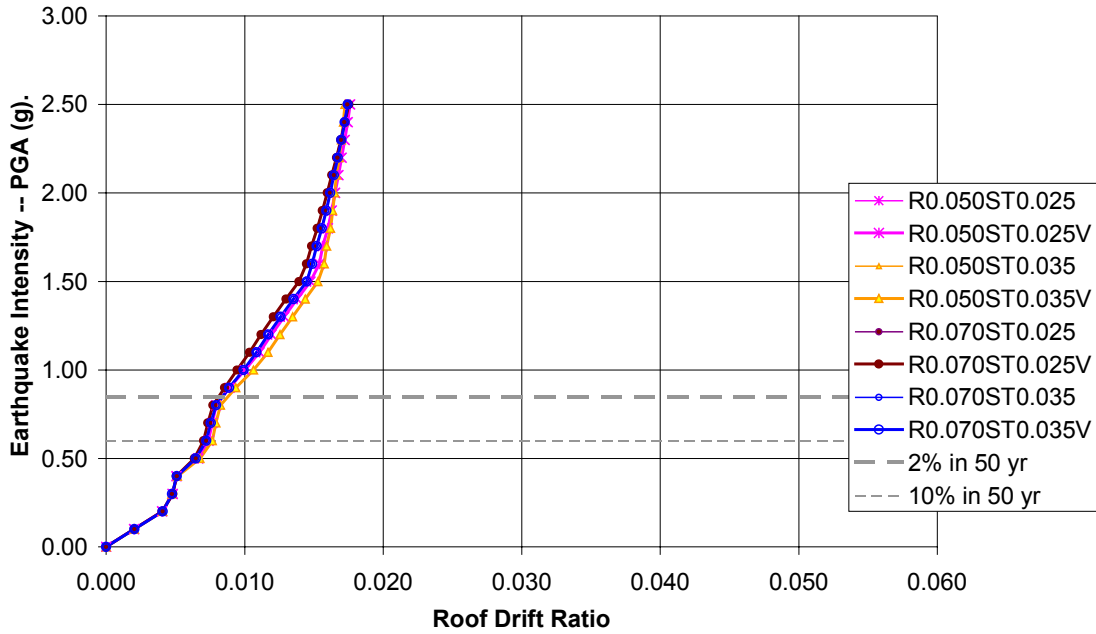


Figure D2.3.9.5c – Roof Drift Ratio of the San Francisco B 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

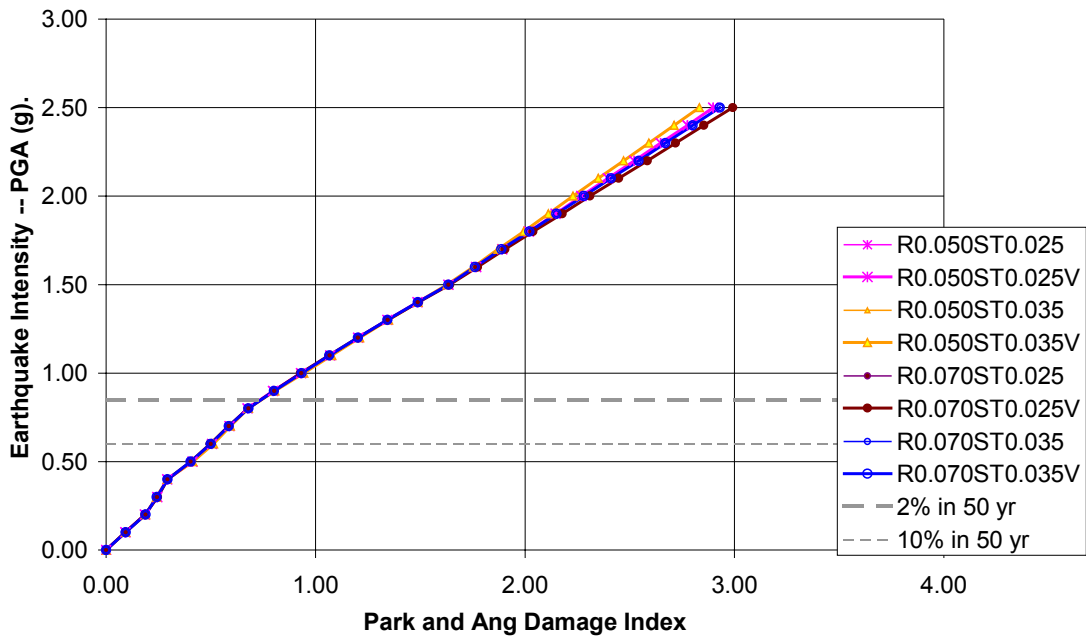


Figure D2.3.9.5d – Park and Ang Damage Indices of the San Francisco B 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

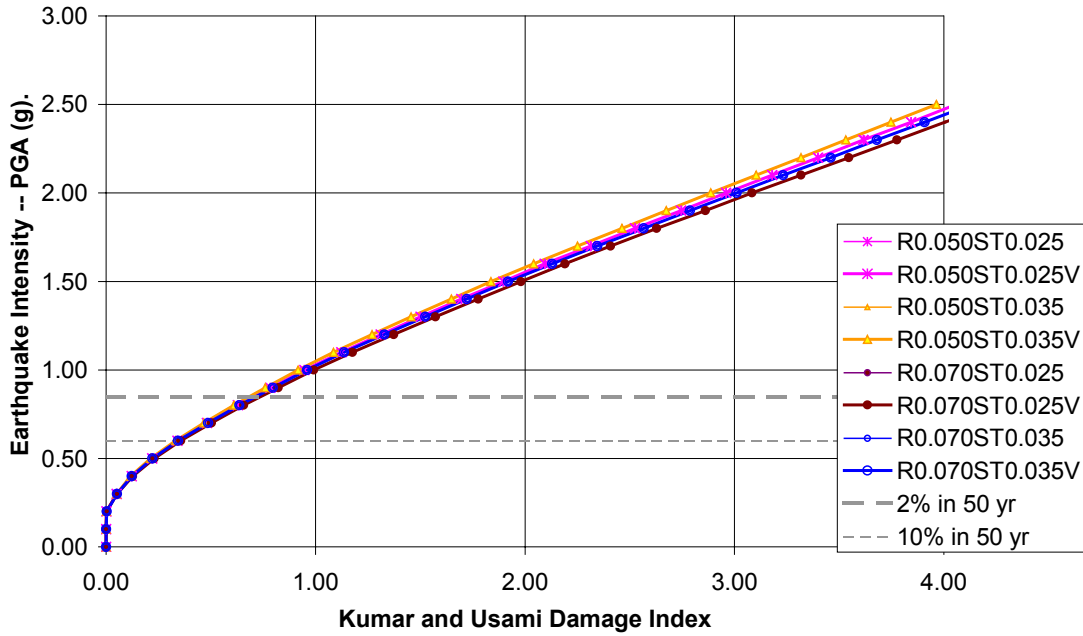


Figure D2.3.9.5e – Kumar and Usami Damage Indices of the San Francisco B 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

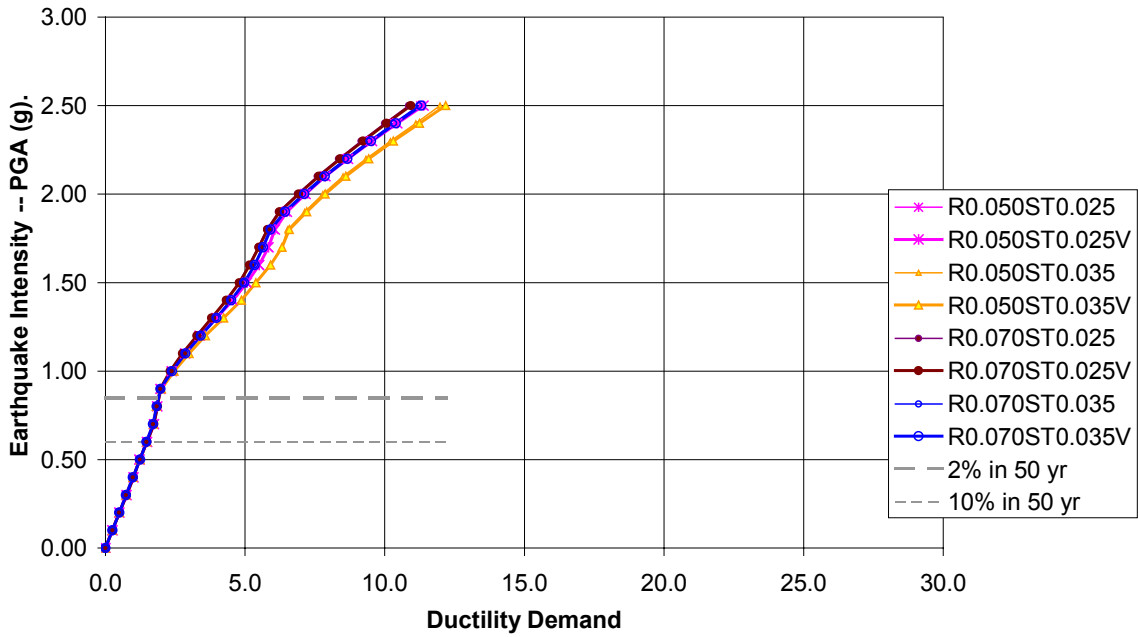


Figure D2.3.9.9a – Ductility Demands of the San Francisco B 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

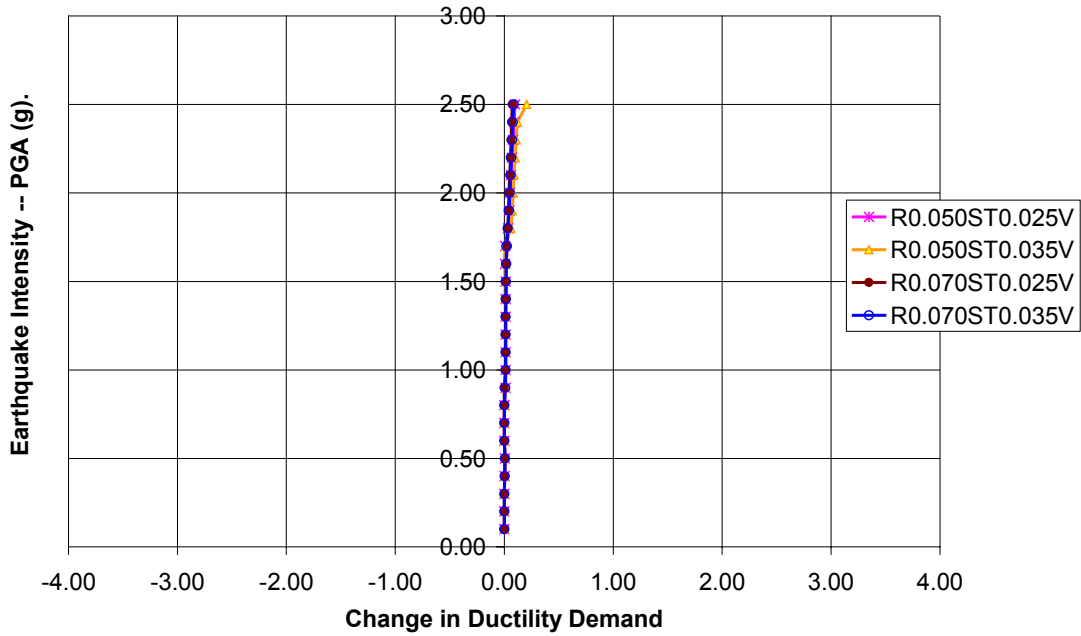


Figure D2.3.9.9b – Change in Ductility Demands Due to Vertical Accelerations for the San Francisco B 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

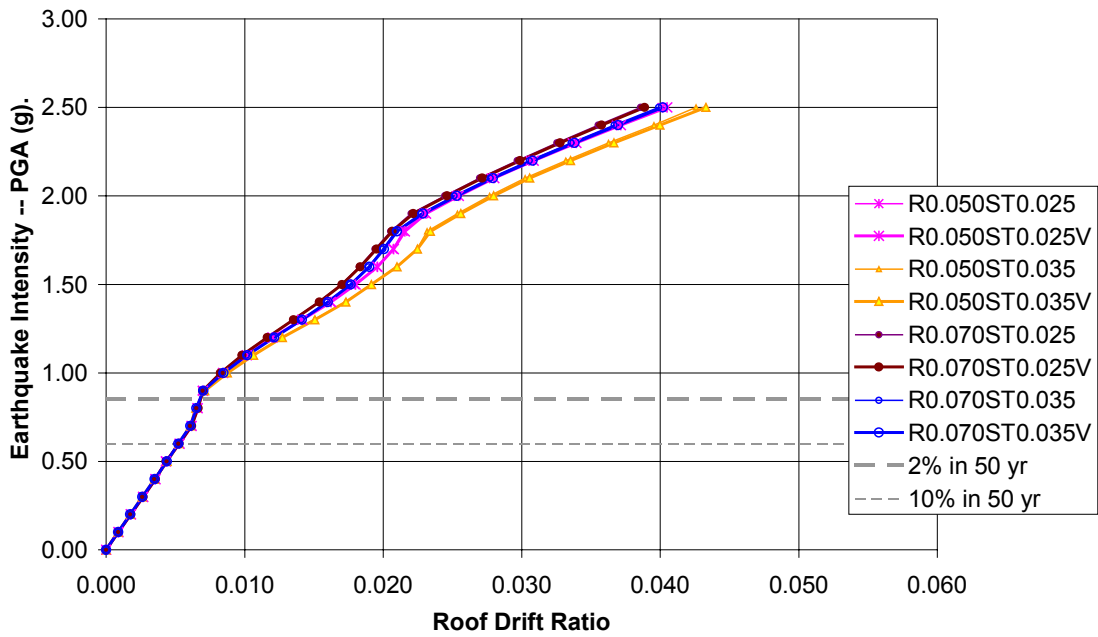


Figure D2.3.9.9c – Roof Drift Ratio of the San Francisco B 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

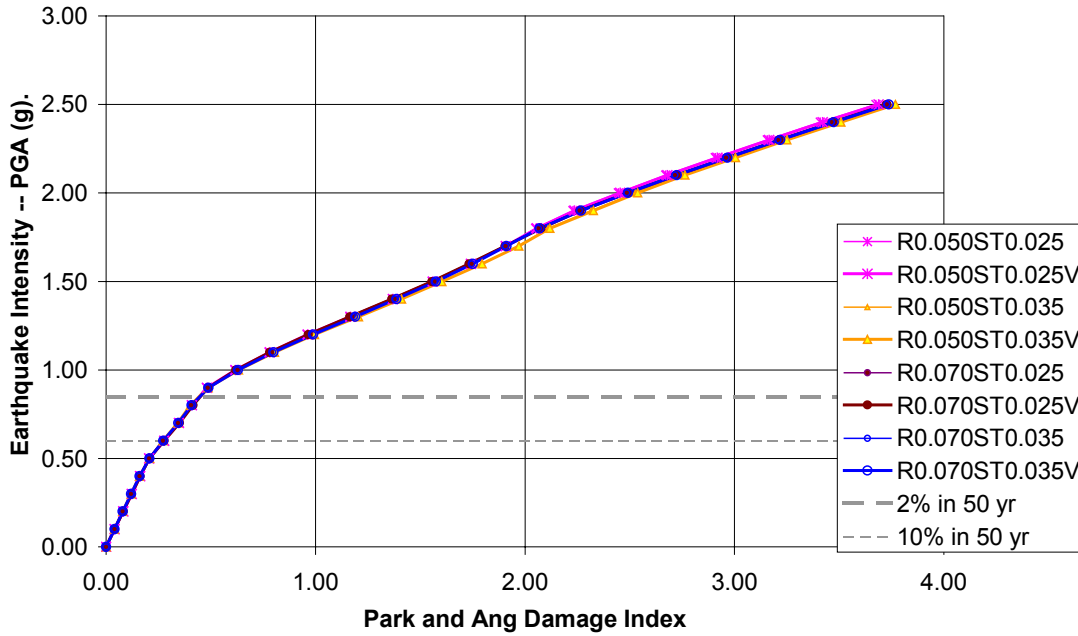


Figure D2.3.9.9d – Park and Ang Damage Indices of the San Francisco B 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

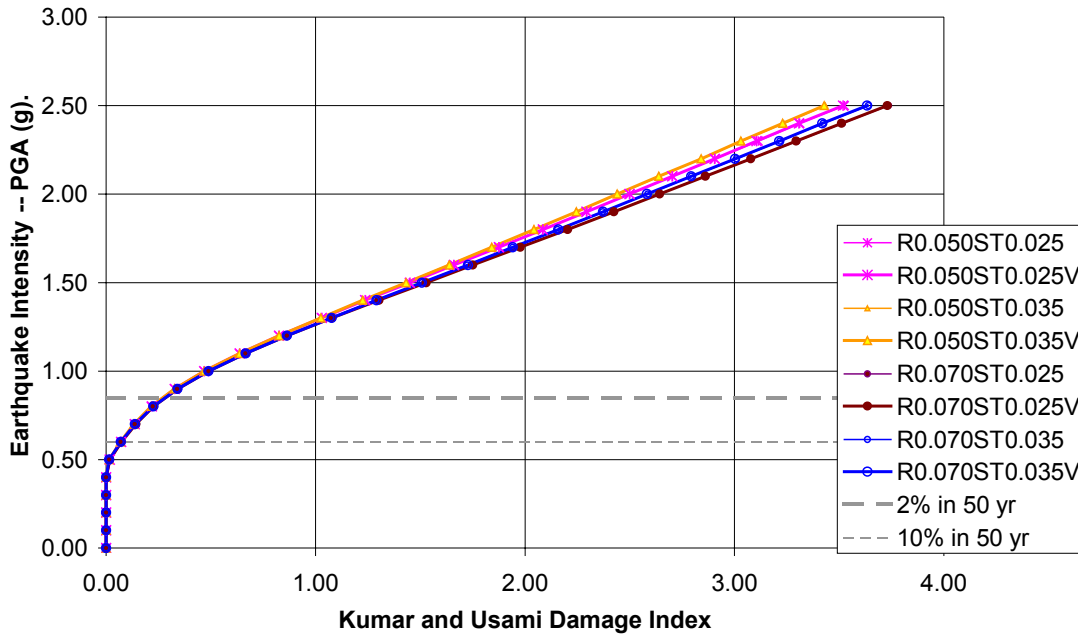


Figure D2.3.9.9e – Kumar and Usami Damage Indices of the San Francisco B 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

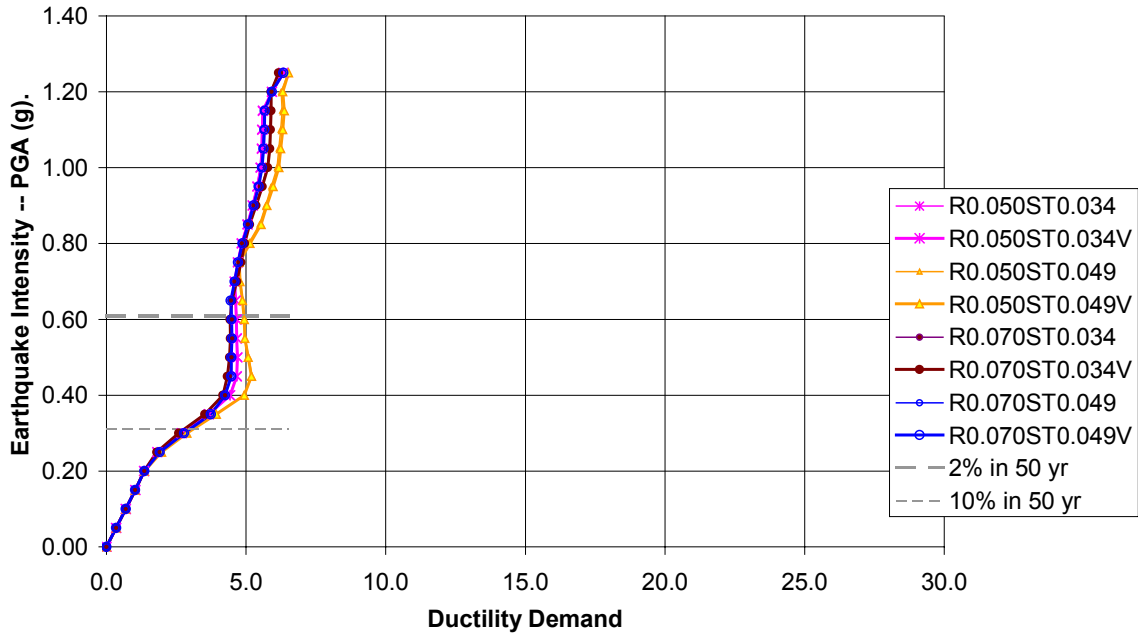


Figure D2.4.3.4a – Ductility Demands of the Seattle 3 Story Models Subjected to the Taft Earthquake (EQ 4).

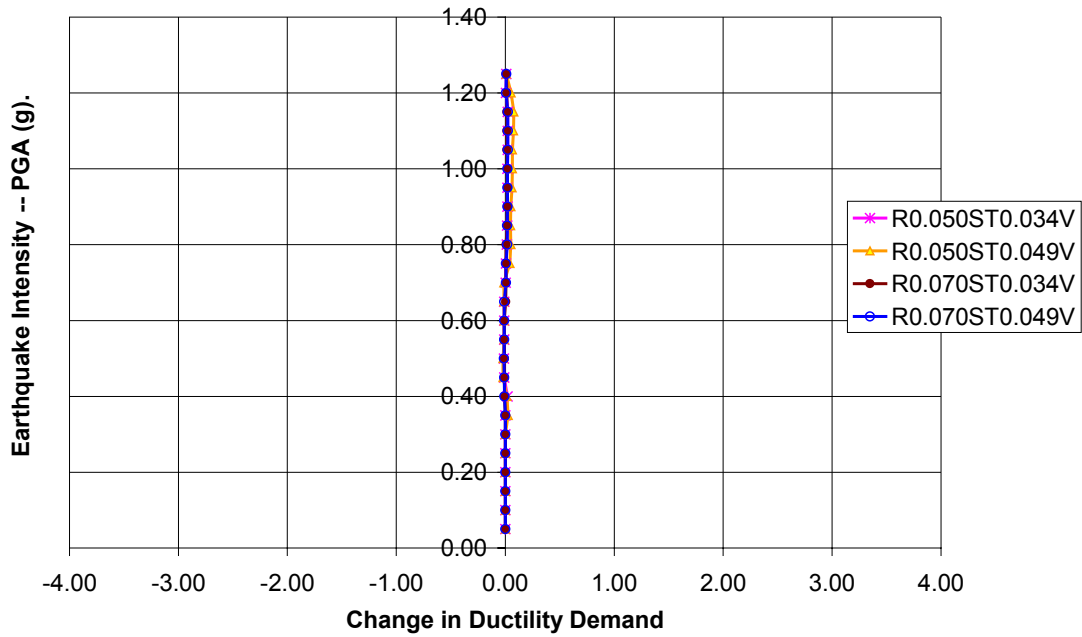


Figure D2.4.3.4b – Change in Ductility Demands Due to Vertical Accelerations for the Seattle 3 Story Models Subjected to the Taft Earthquake (EQ 4).

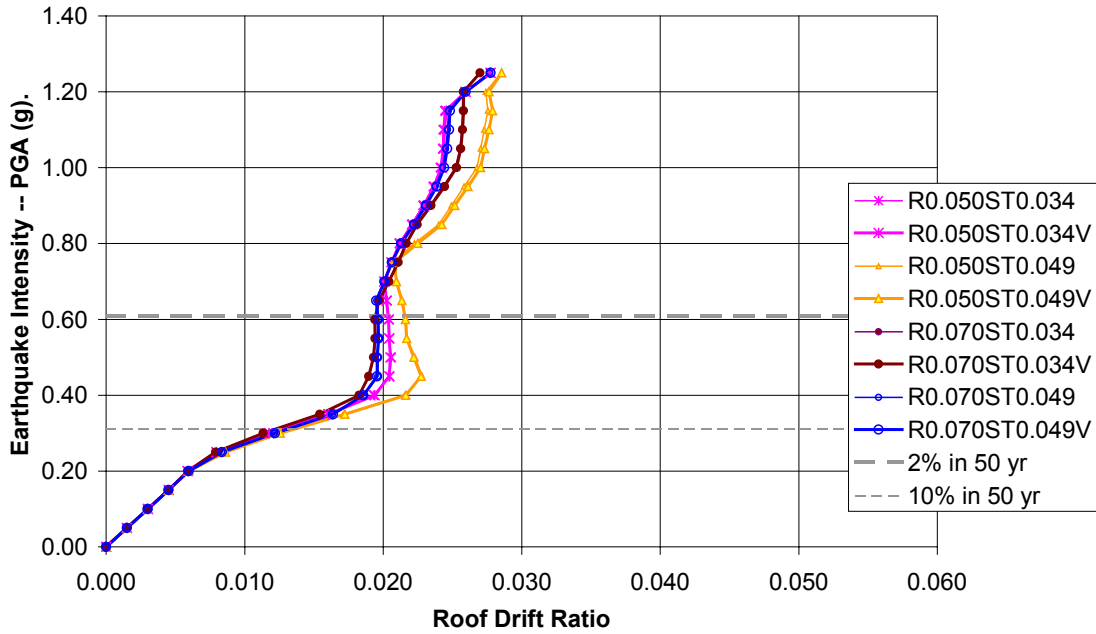


Figure D2.4.3.4c – Roof Drift Ratio of the Seattle 3 Story Models Subjected to the Taft Earthquake (EQ 4).

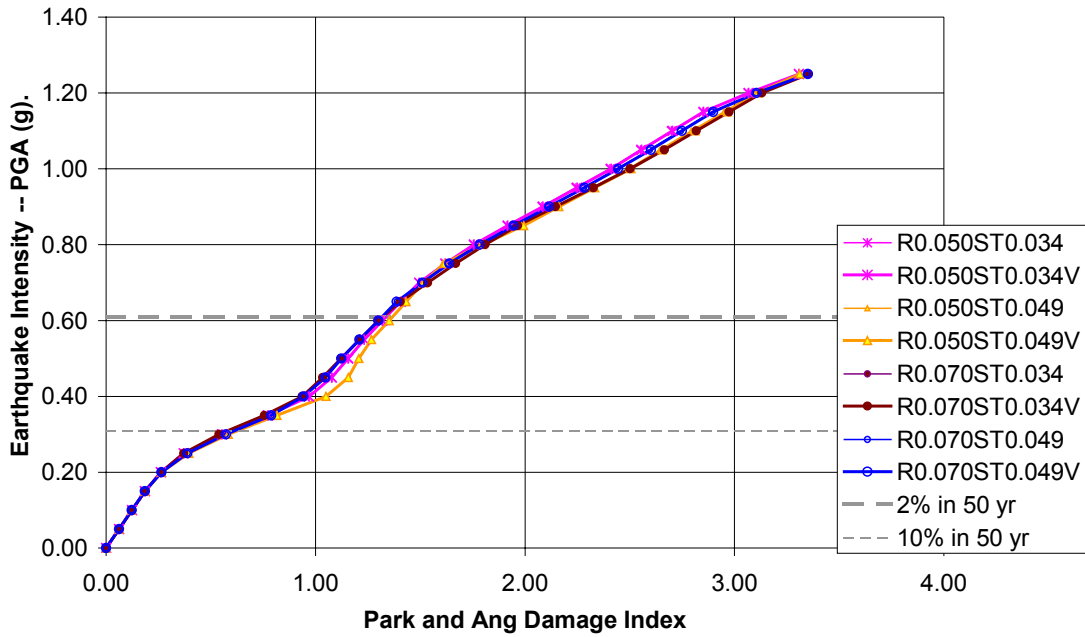


Figure D2.4.3.4d – Park and Ang Damage Indices of the Seattle 3 Story Models Subjected to the Taft Earthquake (EQ 4).

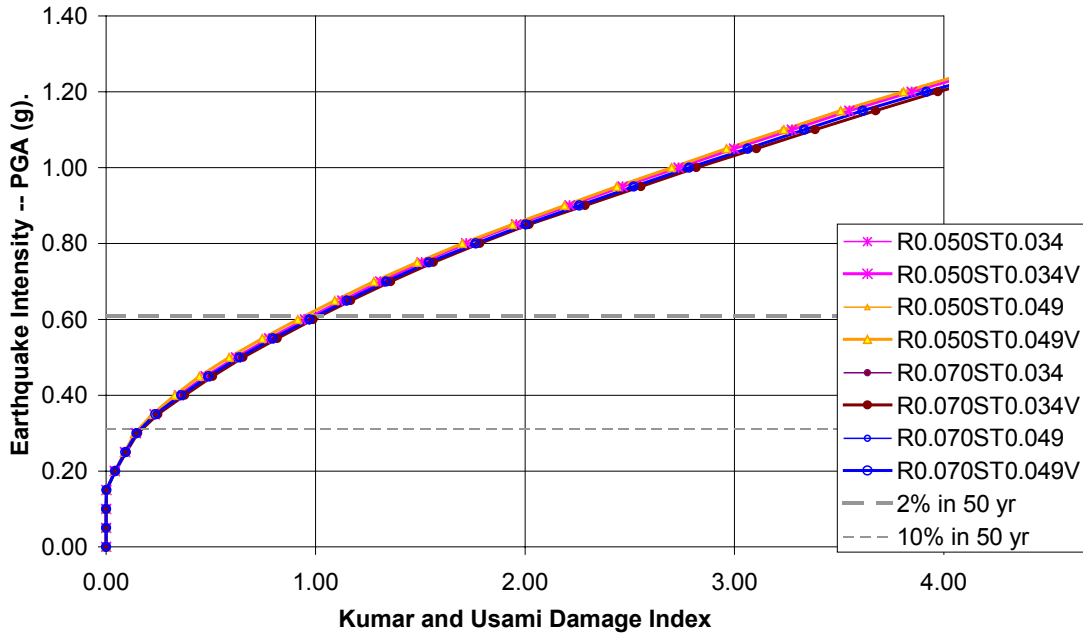


Figure D2.4.3.4e – Kumar and Usami Damage Indices of the Seattle 3 Story Models Subjected to the Taft Earthquake (EQ 4).

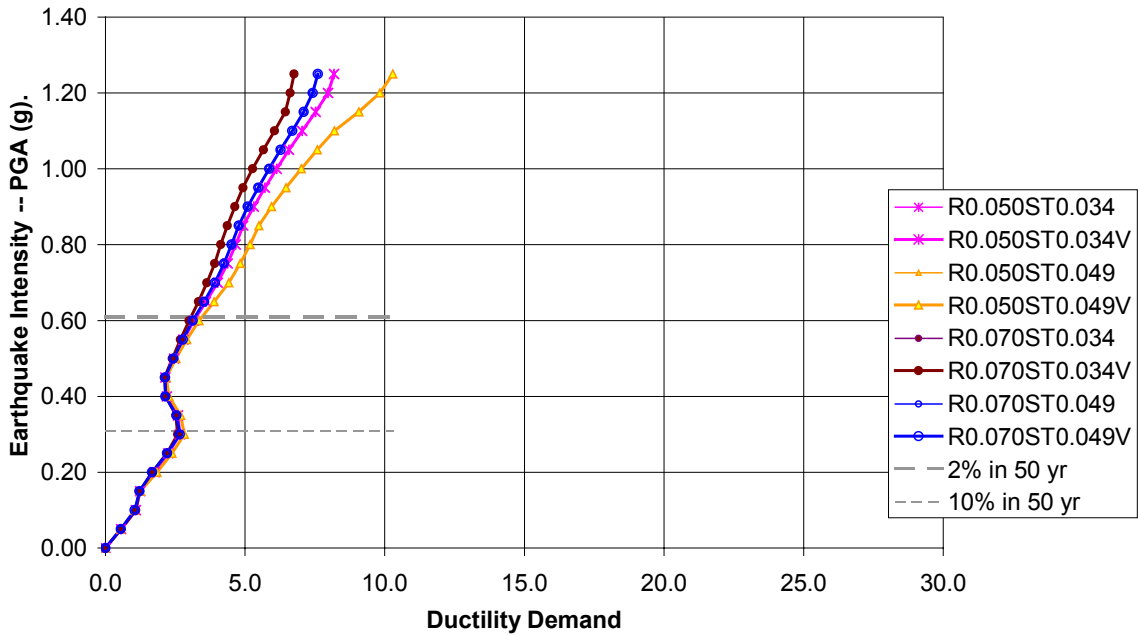


Figure D2.4.3.5a – Ductility Demands of the Seattle 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

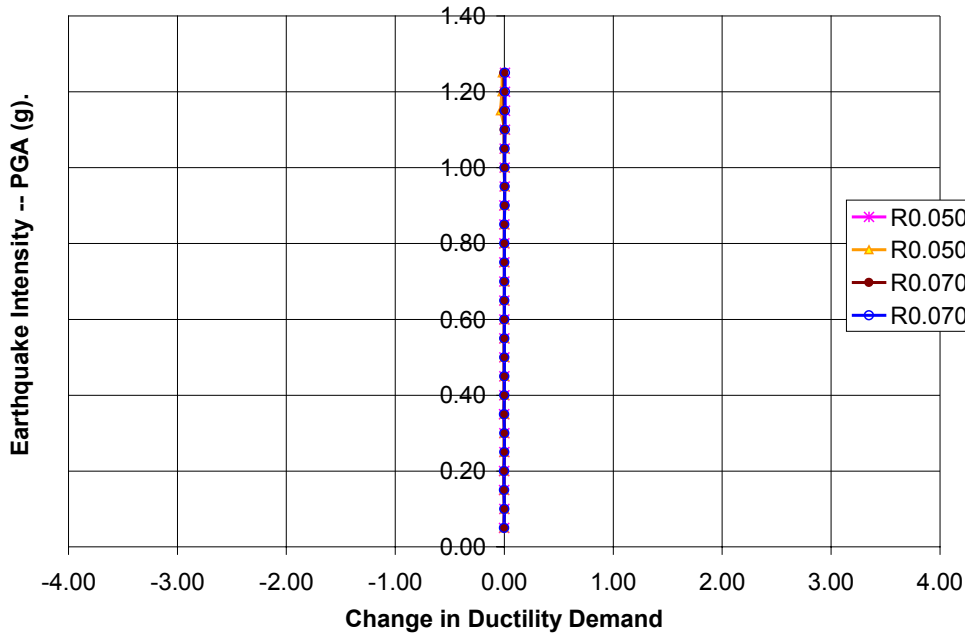


Figure D2.4.3.5b – Change in Ductility Demands Due to Vertical Accelerations for the Seattle 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

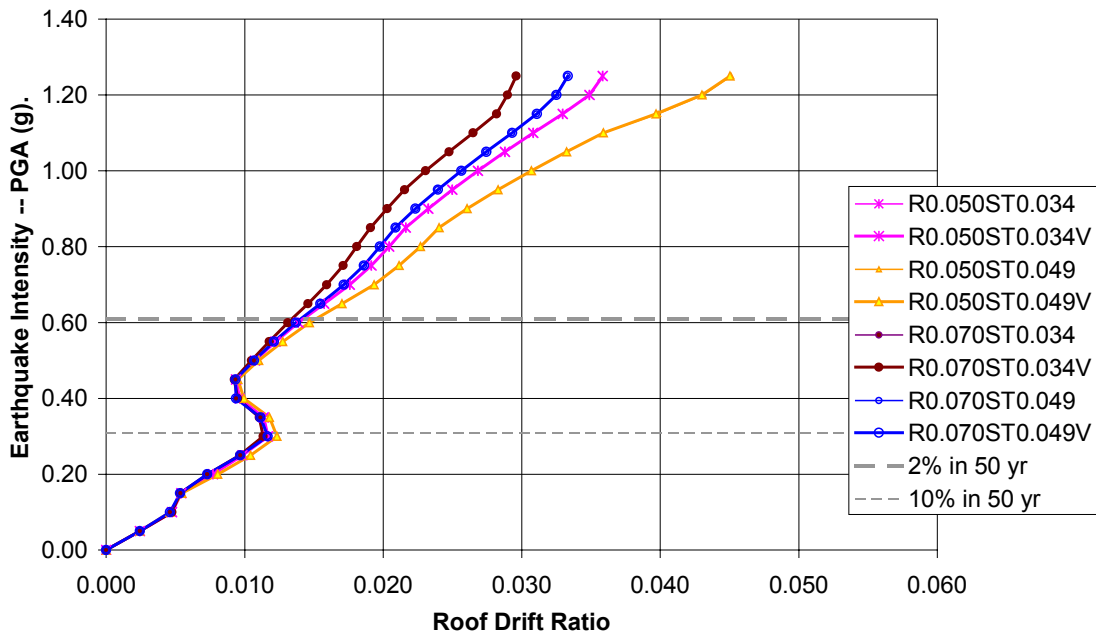


Figure D2.4.3.5c – Roof Drift Ratio of the Seattle 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

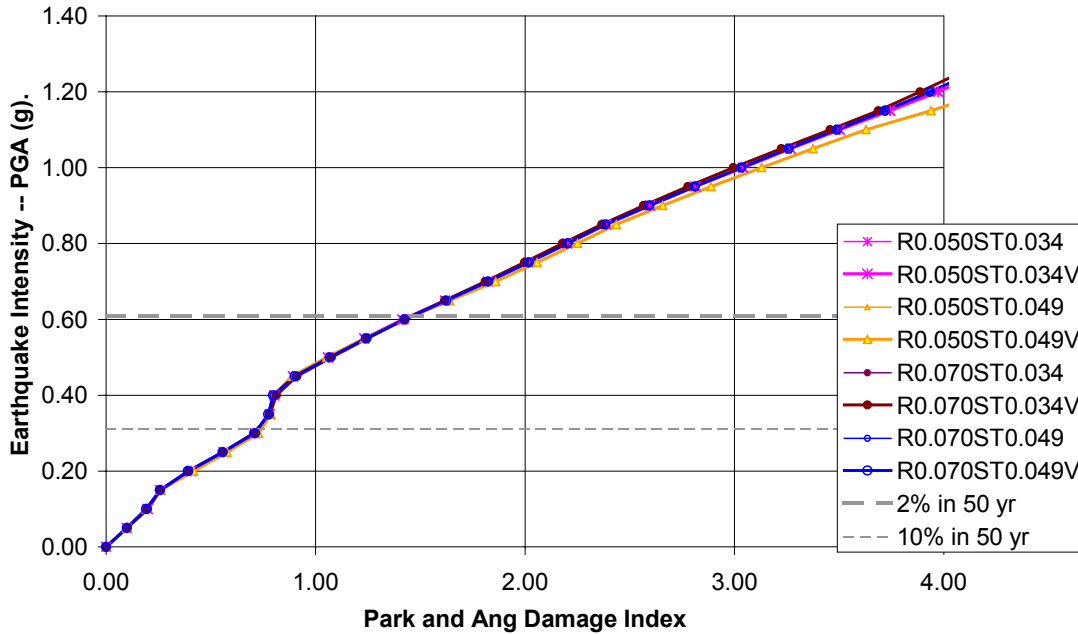


Figure D2.4.3.5d – Park and Ang Damage Indices of the Seattle 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

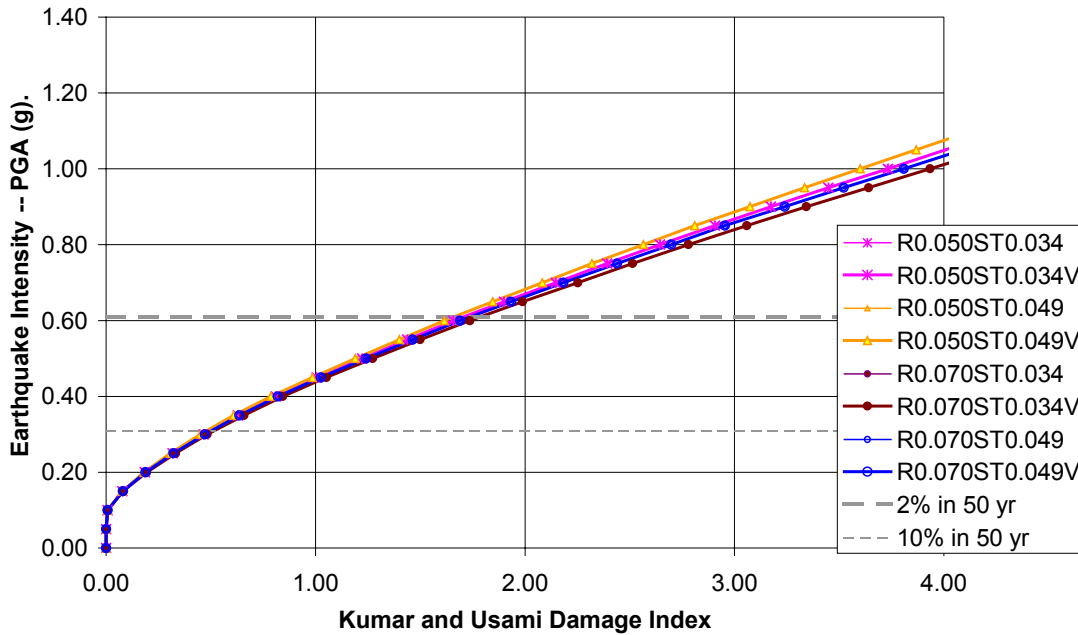


Figure D2.4.3.5e – Kumar and Usami Damage Indices of the Seattle 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

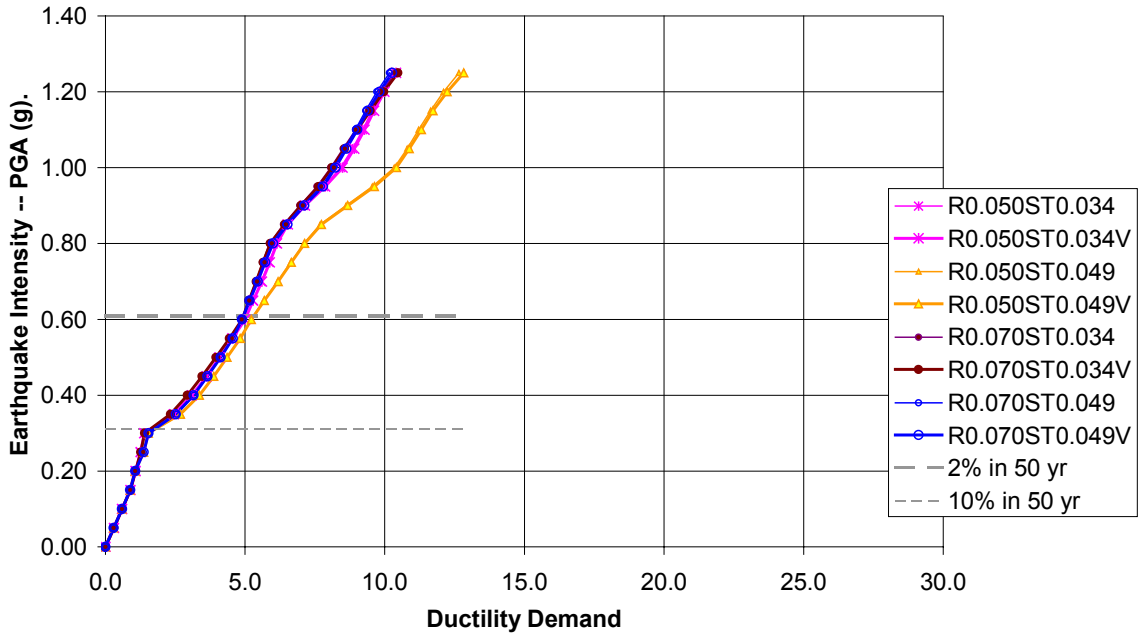


Figure D2.4.3.9a – Ductility Demands of the Seattle 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

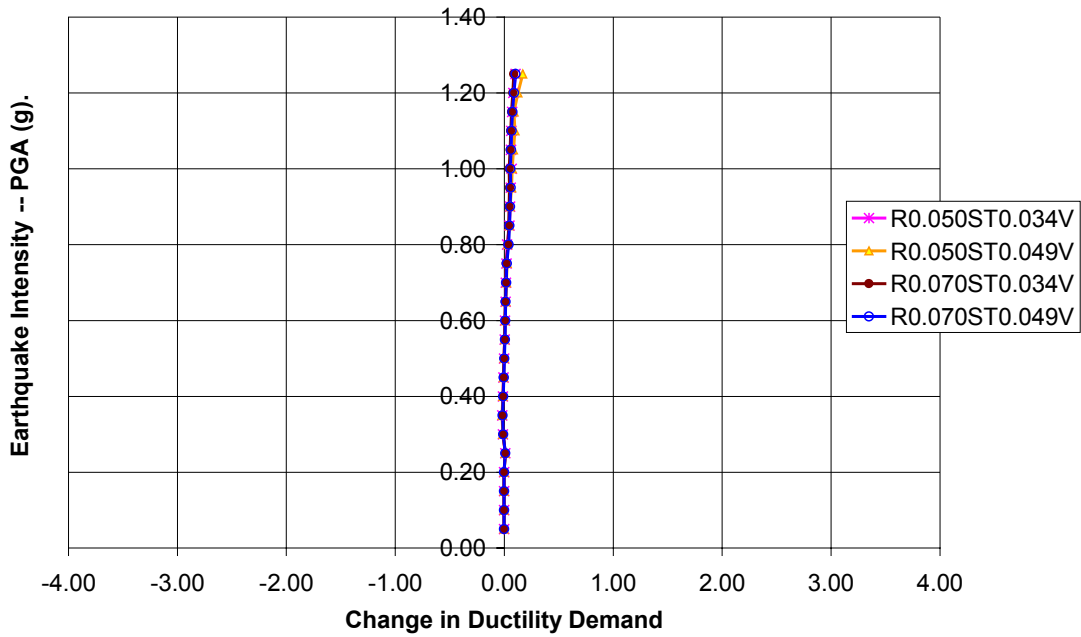


Figure D2.4.3.9b – Change in Ductility Demands Due to Vertical Accelerations for the Seattle 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

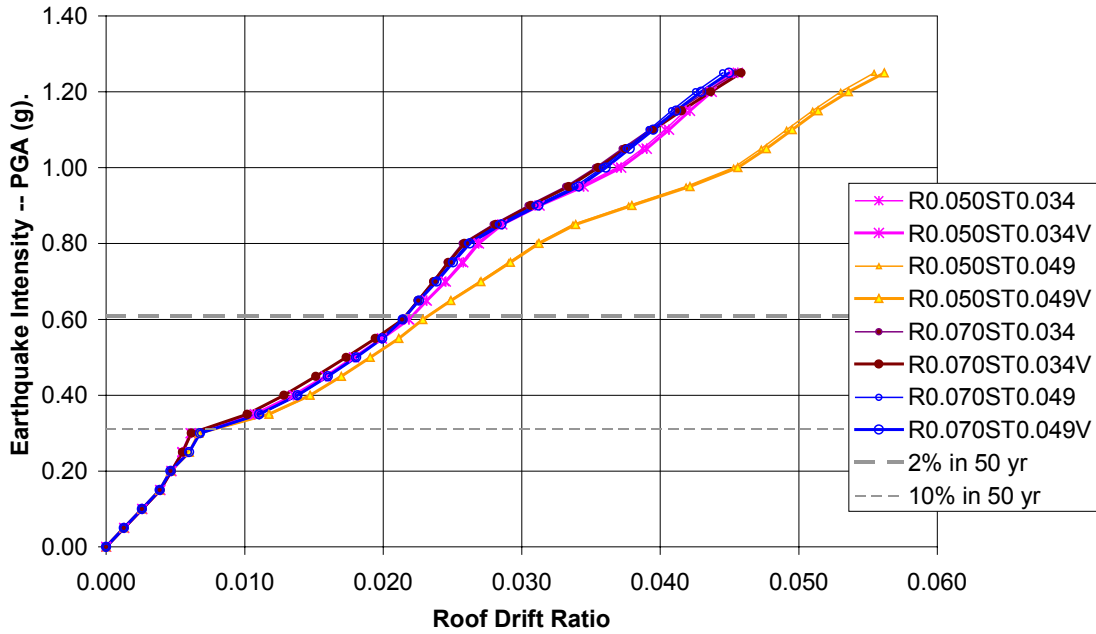


Figure D2.4.3.9c – Roof Drift Ratio of the Seattle 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

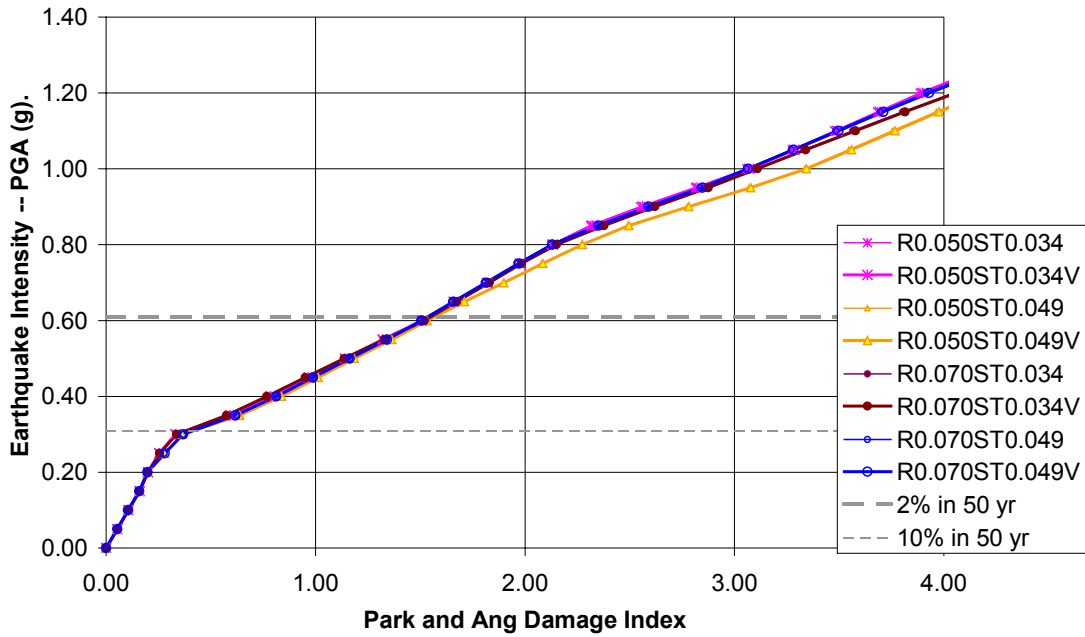


Figure D2.4.3.9d – Park and Ang Damage Indices of the Seattle 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

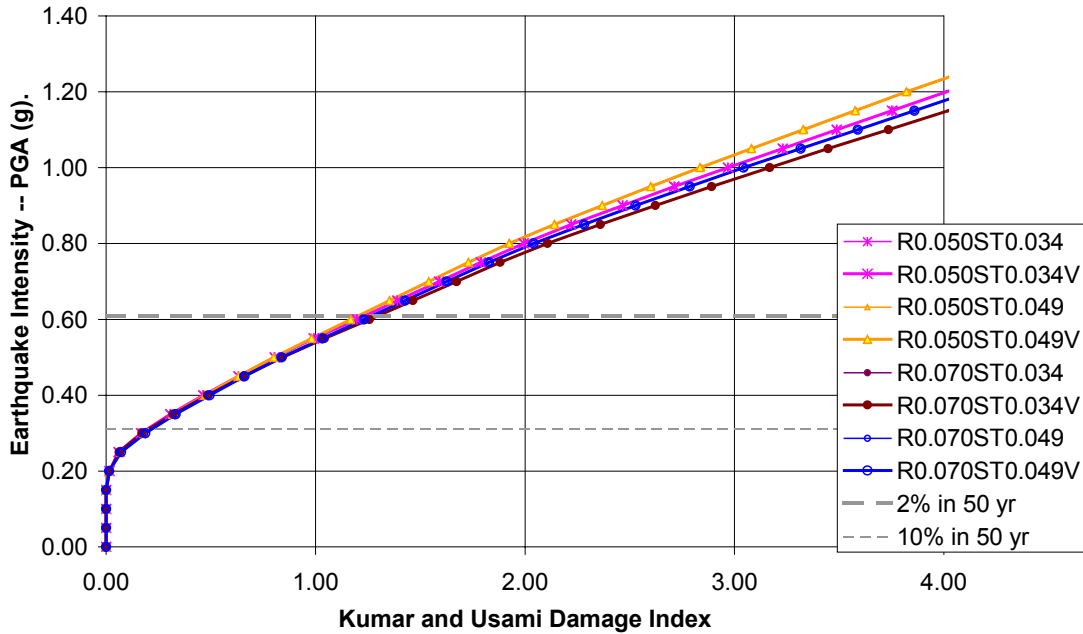


Figure D2.4.3.9e – Kumar and Usami Damage Indices of the Seattle 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

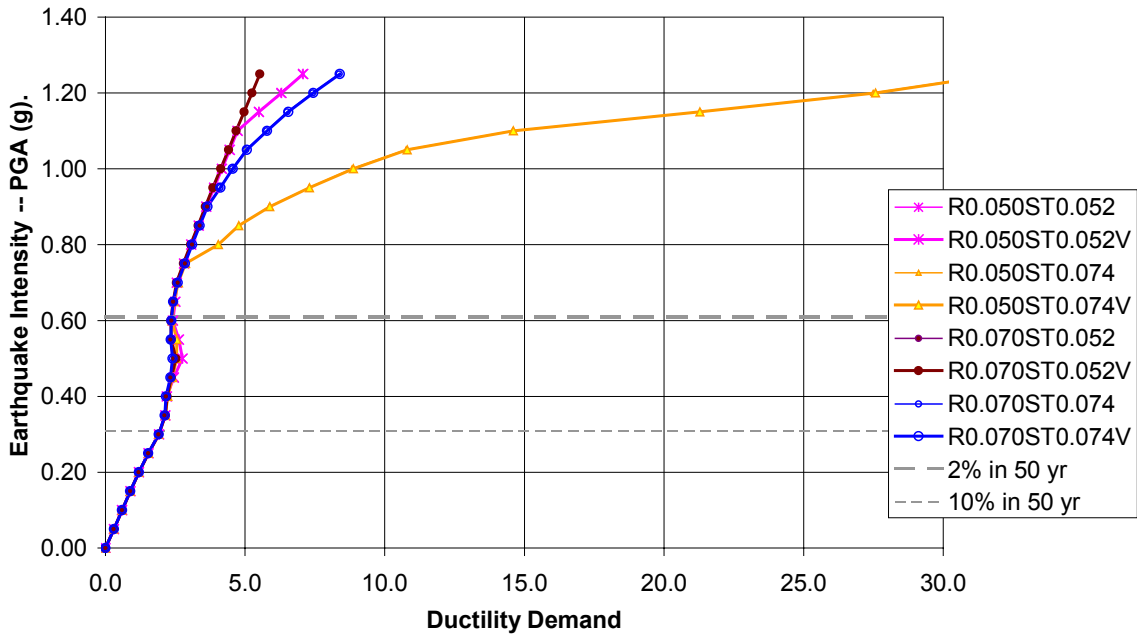


Figure D2.4.5.4a – Ductility Demands of the Seattle 5 Story Models Subjected to the Taft Earthquake (EQ 4).

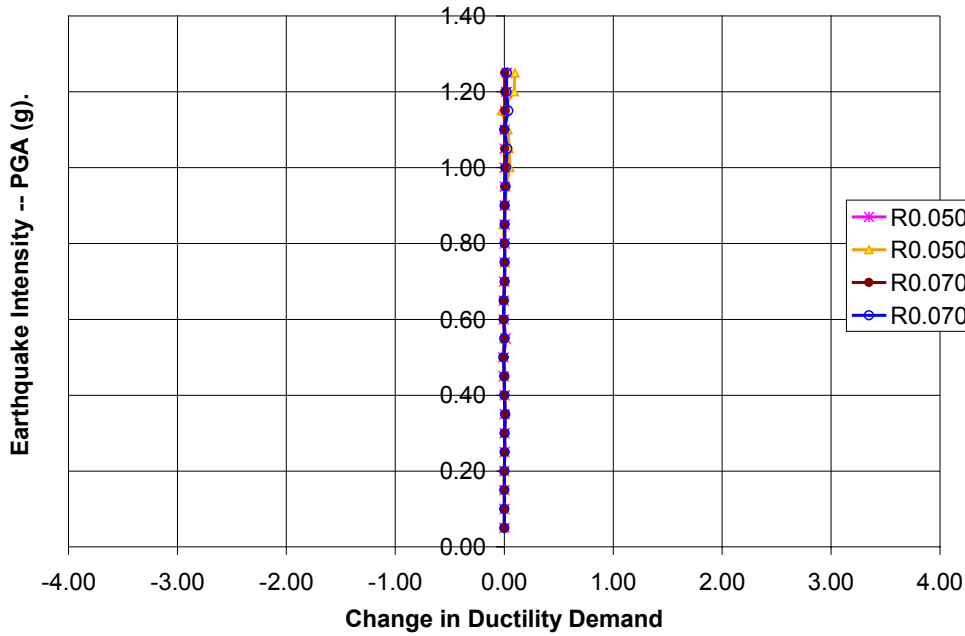


Figure D2.4.5.4b – Change in Ductility Demands Due to Vertical Accelerations for the Seattle 5 Story Models Subjected to the Taft Earthquake (EQ 4).

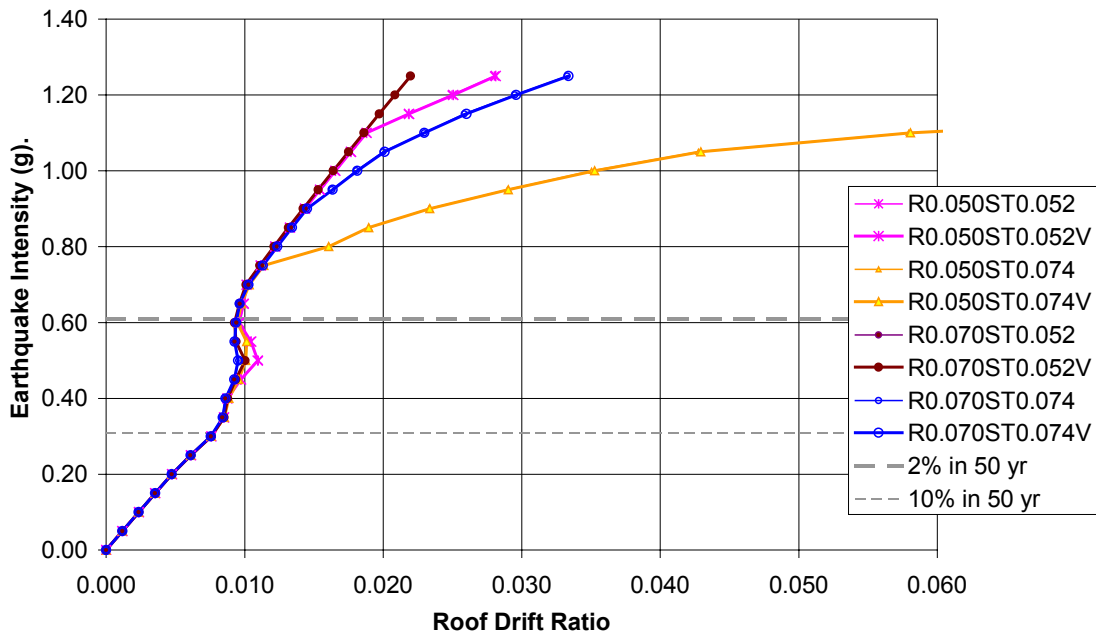


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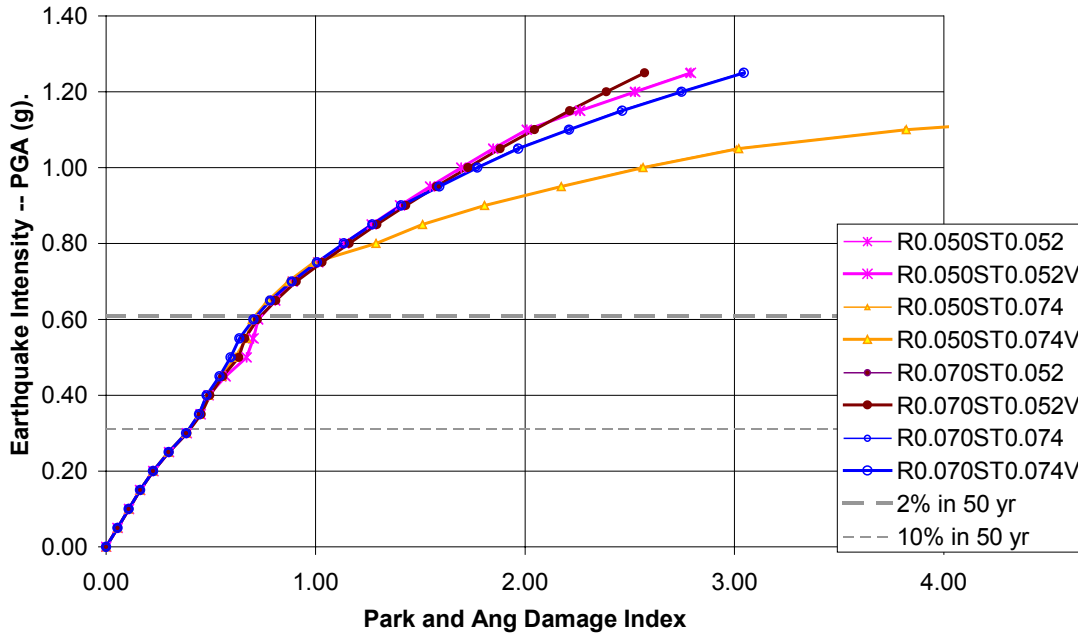


Figure D2.4.5.4d – Park and Ang Damage Indices of the Seattle 5 Story Models Subjected to the Taft Earthquake (EQ 4).

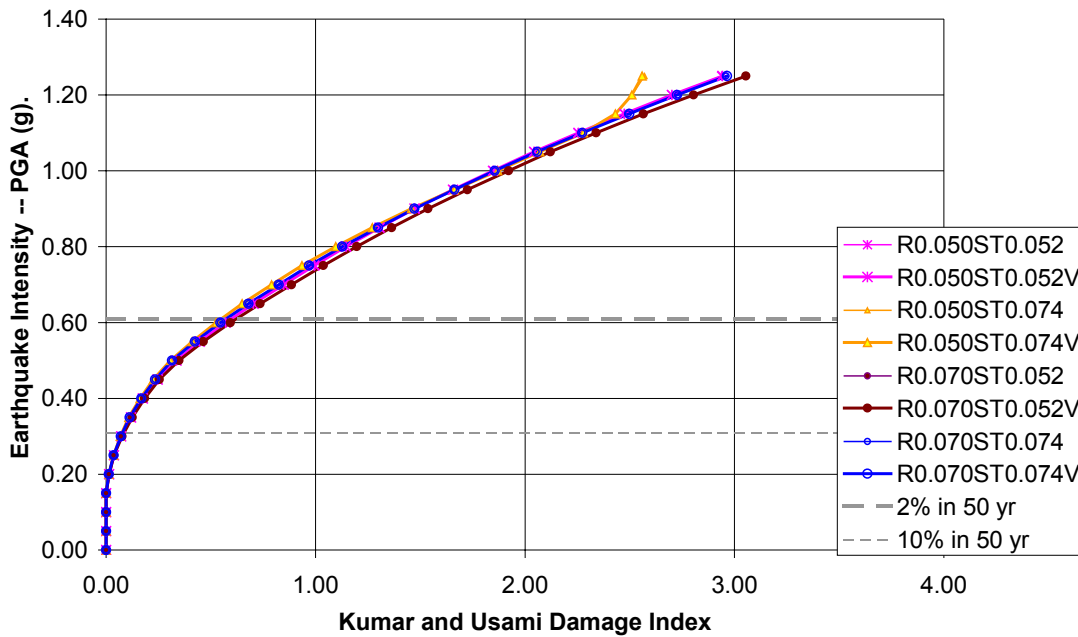


Figure D2.4.5.4e – Kumar and Usami Damage Indices of the Seattle 5 Story Models Subjected to the Taft Earthquake (EQ 4).

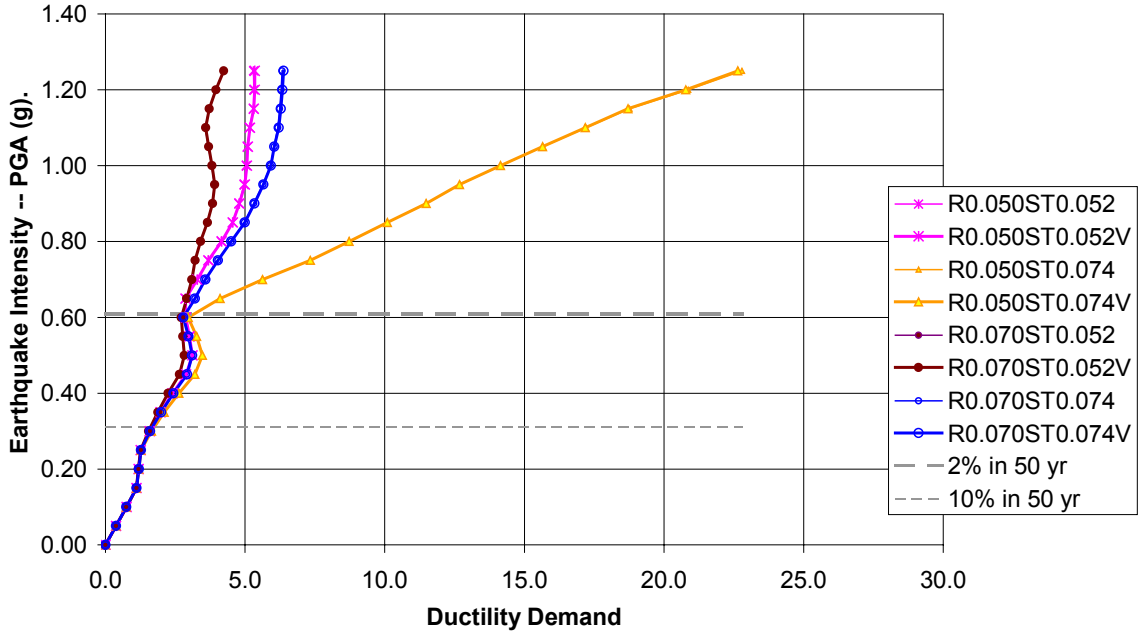


Figure D2.4.5.5a – Ductility Demands of the Seattle 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

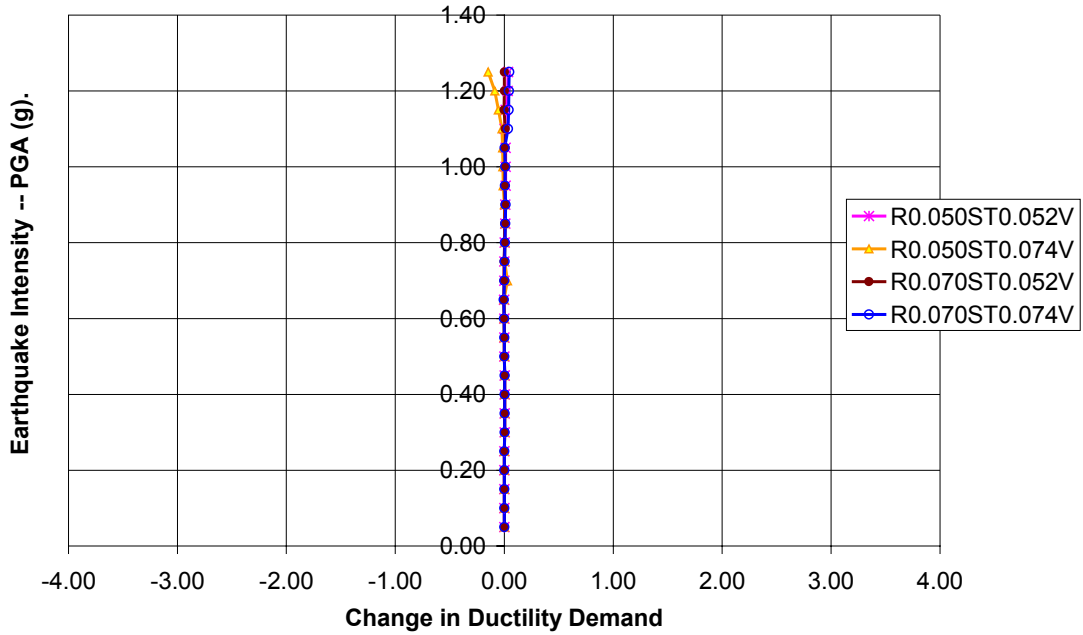


Figure D2.4.5.5b – Change in Ductility Demands Due to Vertical Accelerations for the Seattle 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

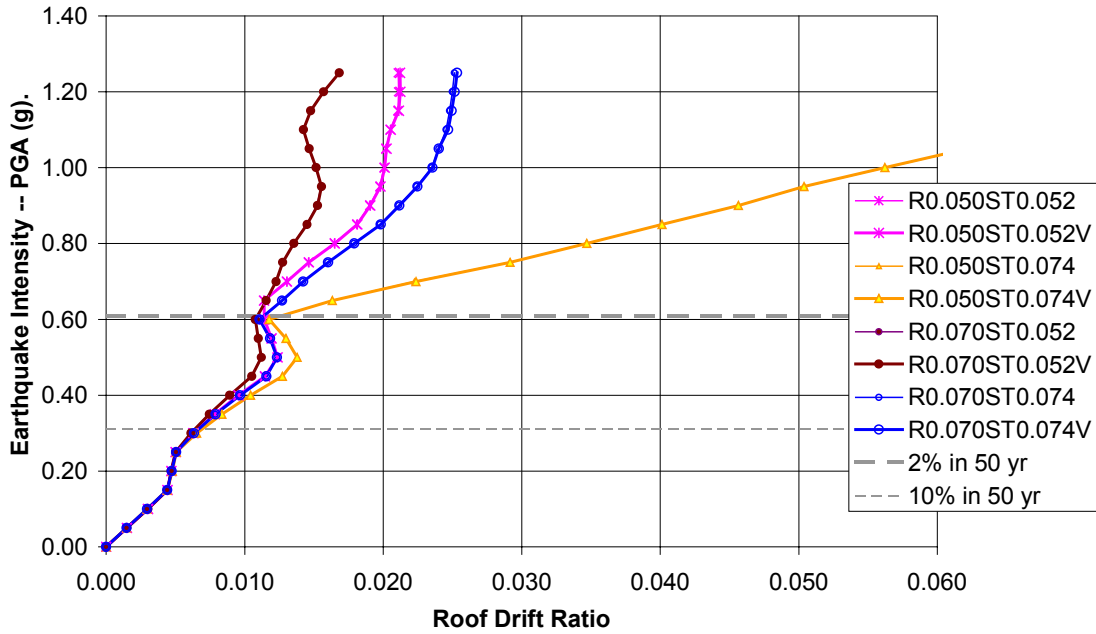


Figure D2.4.5.5c – Roof Drift Ratio of the Seattle 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

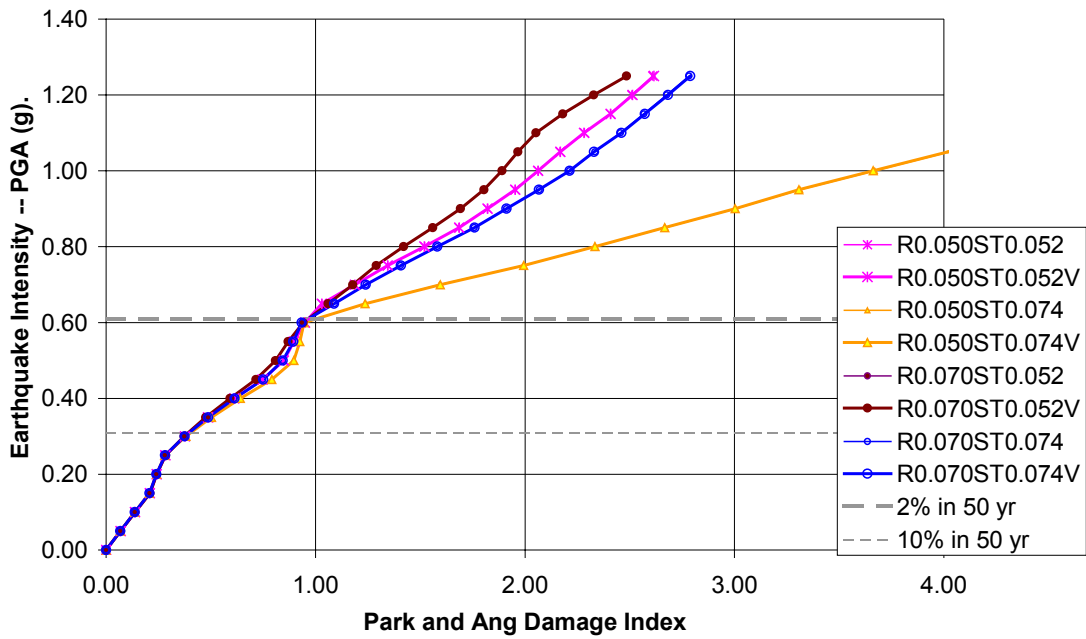


Figure D2.4.5.5d – Park and Ang Damage Indices of the Seattle 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

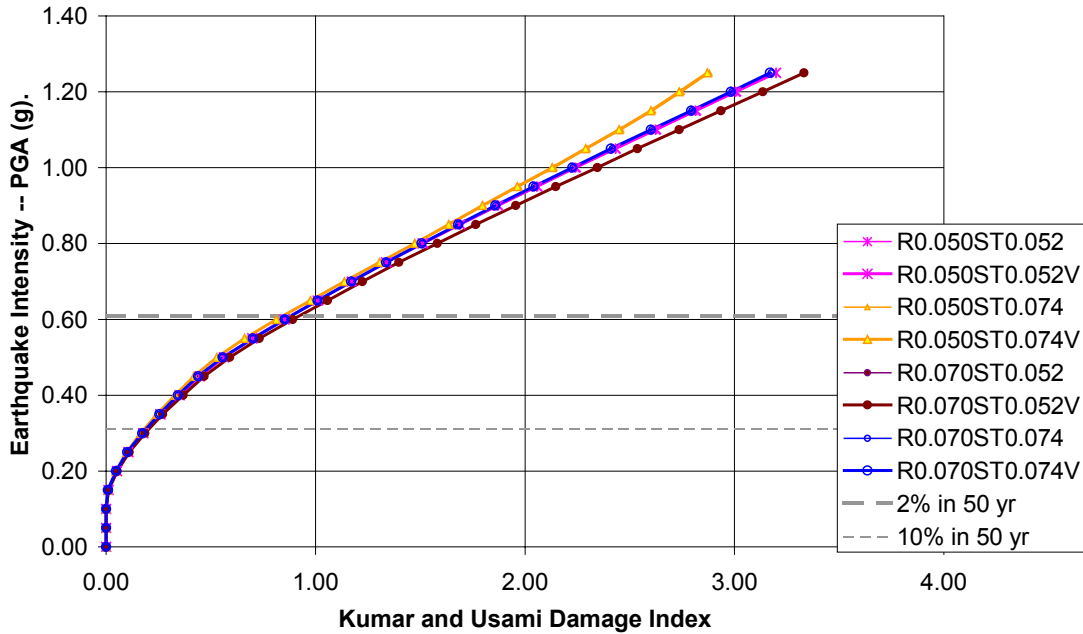


Figure D2.4.5.5e – Kumar and Usami Damage Indices of the Seattle 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

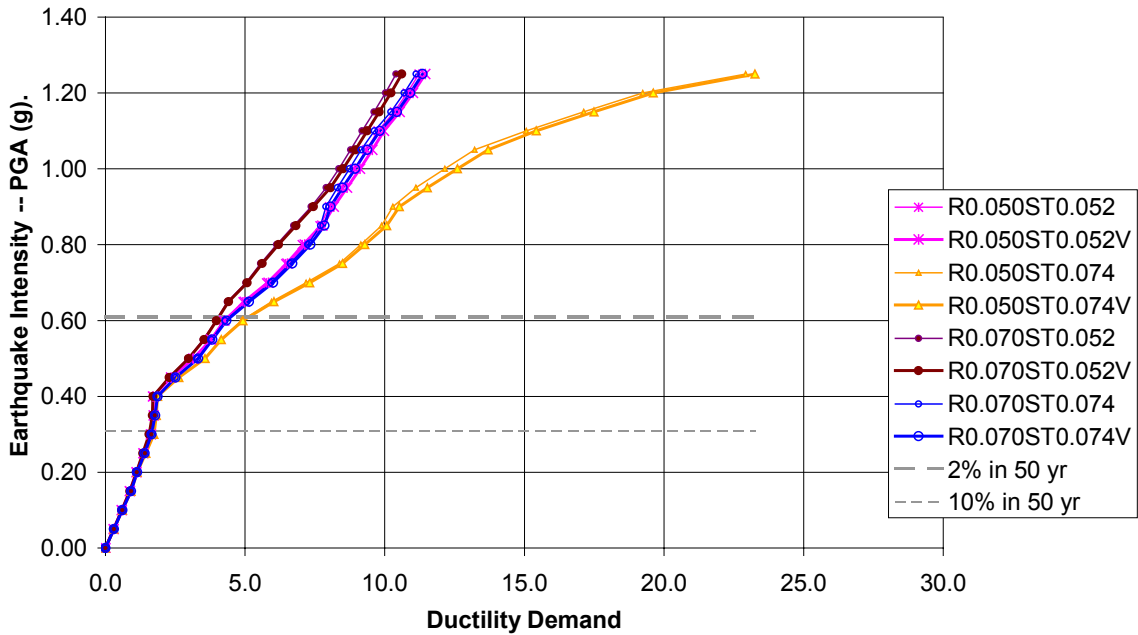


Figure D2.4.5.9a – Ductility Demands of the Seattle 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

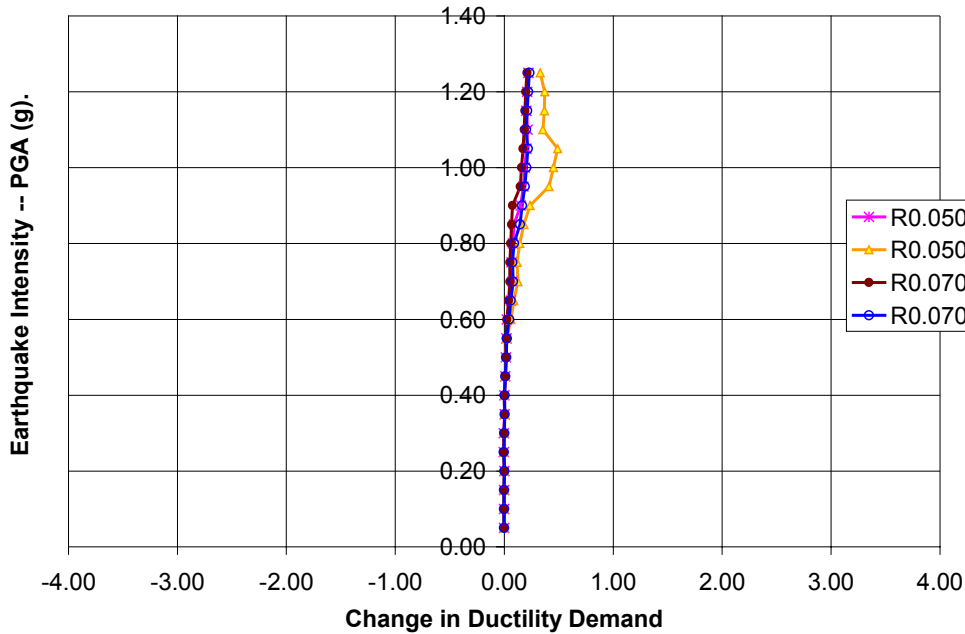


Figure D2.4.5.9b – Change in Ductility Demands Due to Vertical Accelerations for the Seattle 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

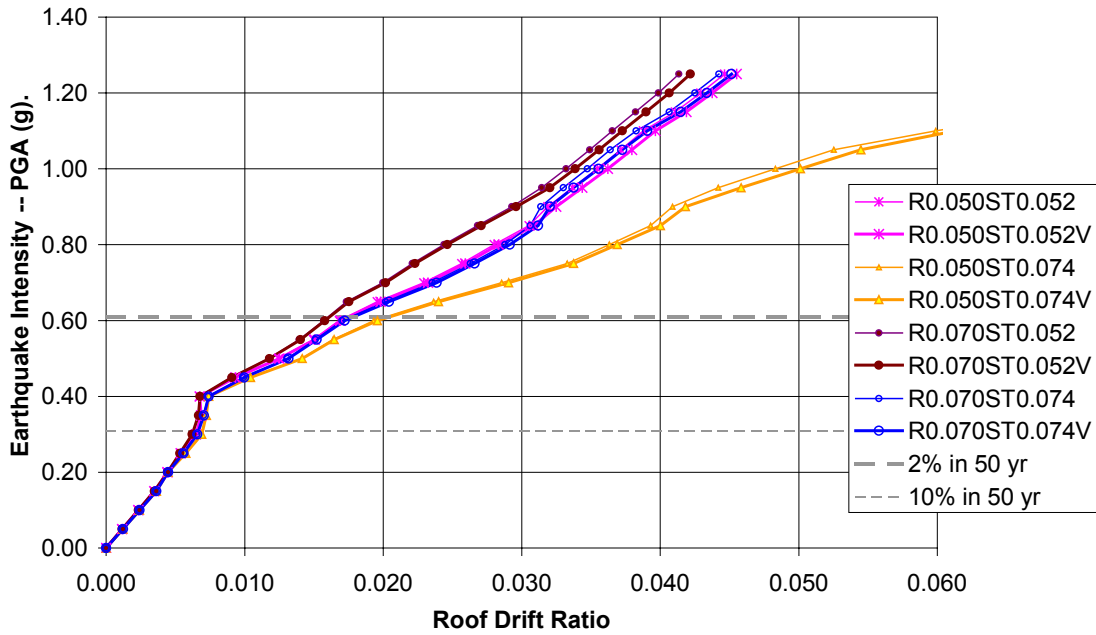


Figure D2.4.5.9c – Roof Drift Ratio of the Seattle 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

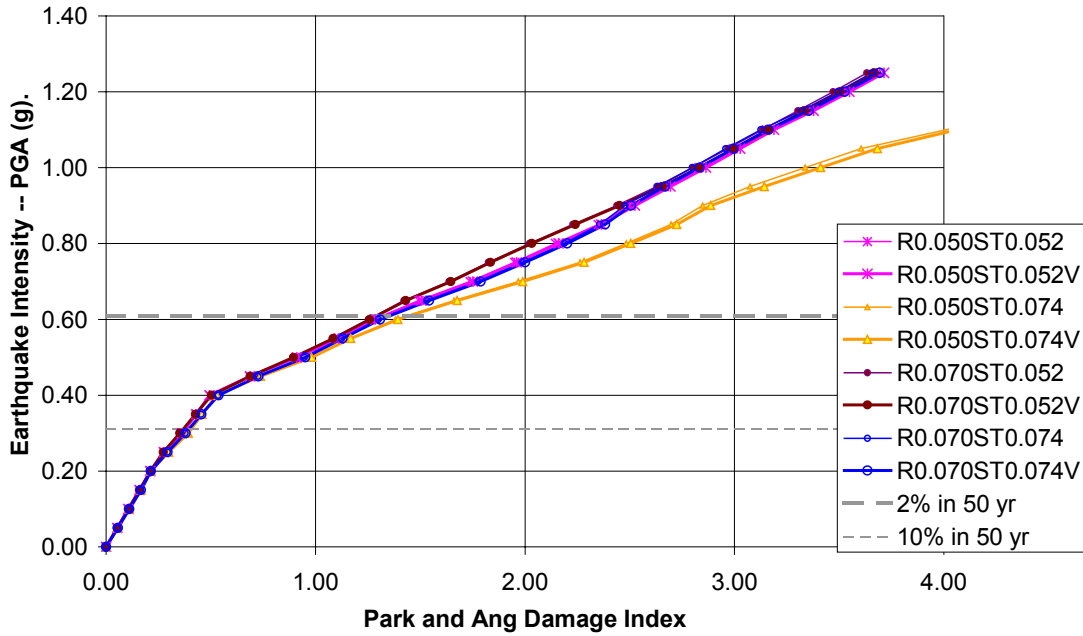


Figure D2.4.5.9d – Park and Ang Damage Indices of the Seattle 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

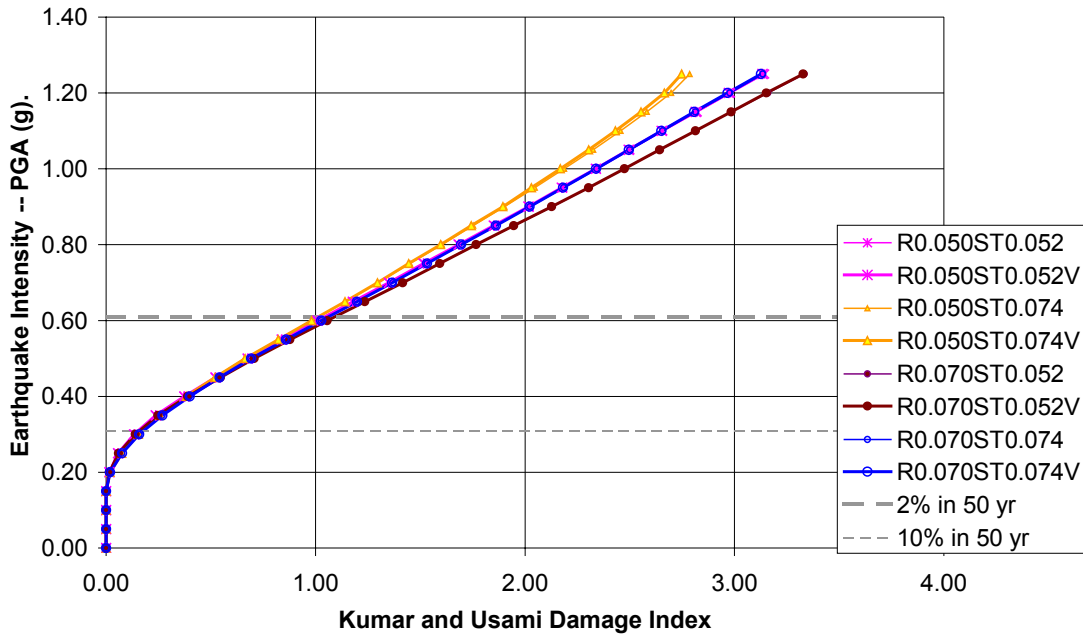


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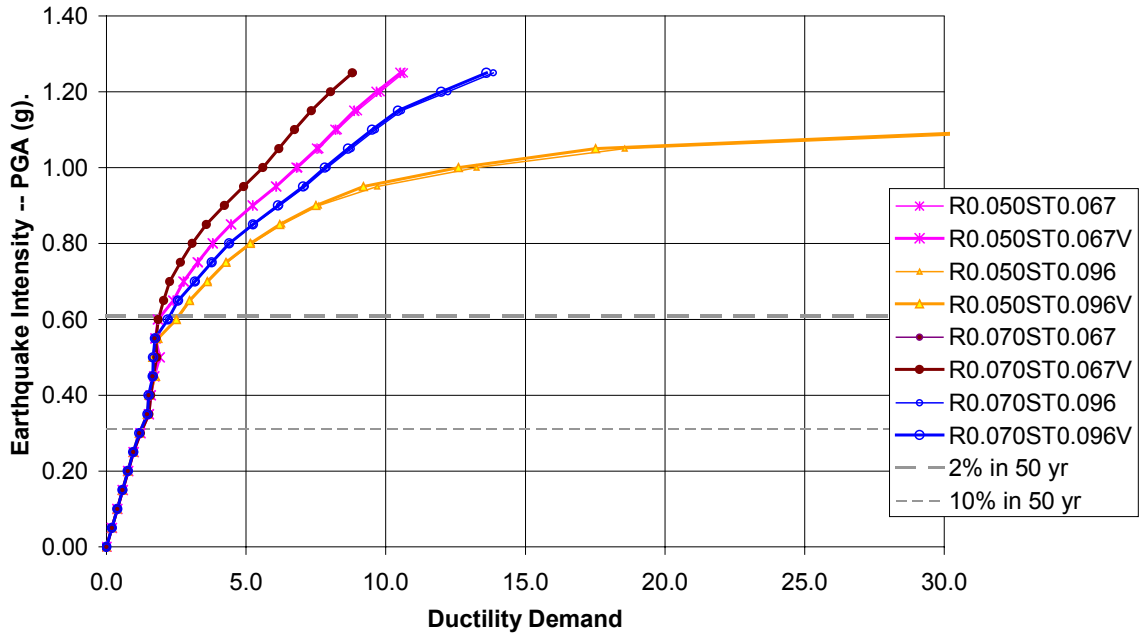


Figure D2.4.7.4a – Ductility Demands of the Seattle 7 Story Models Subjected to the Taft Earthquake (EQ 4).

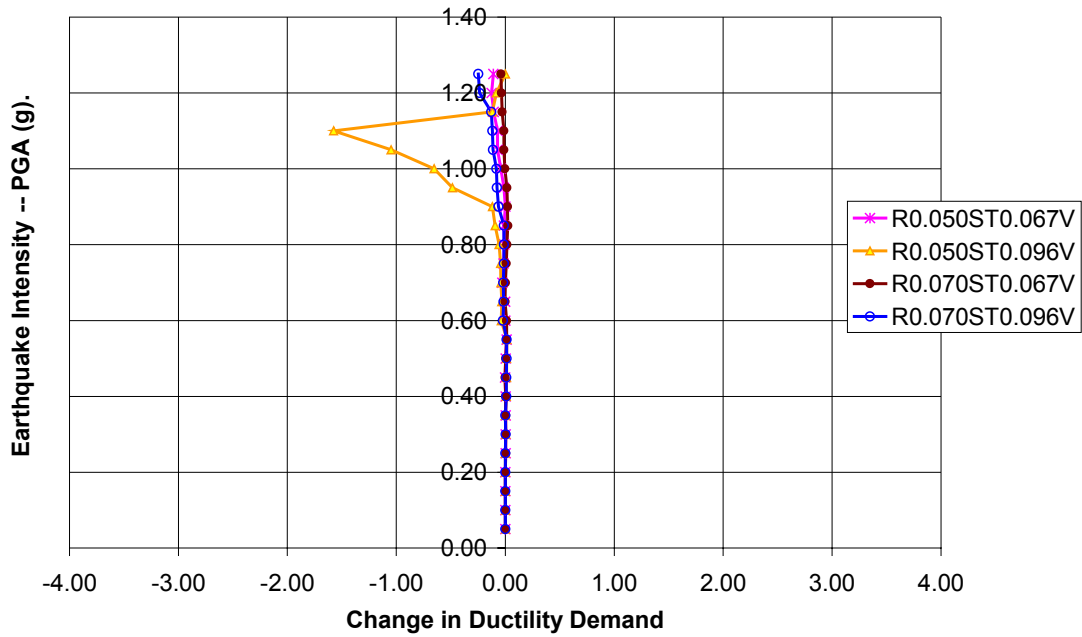


Figure D2.4.7.4b – Change in Ductility Demands Due to Vertical Accelerations for the Seattle 7 Story Models Subjected to the Taft Earthquake (EQ 4).

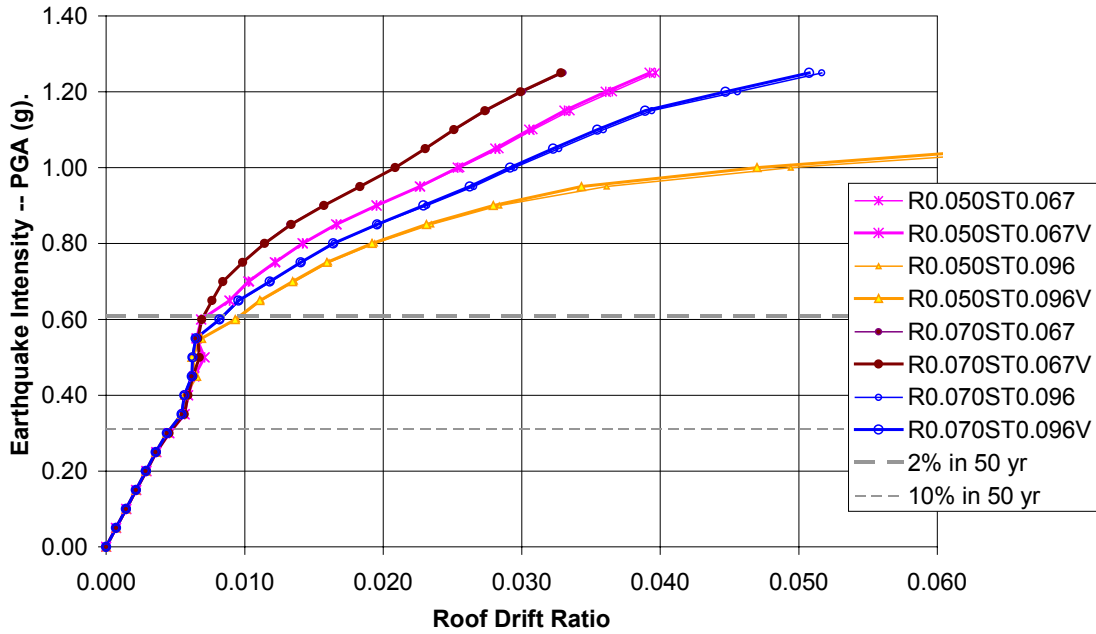


Figure D2.4.7.4c – Roof Drift Ratio of the Seattle 7 Story Models Subjected to the Taft Earthquake (EQ 4).

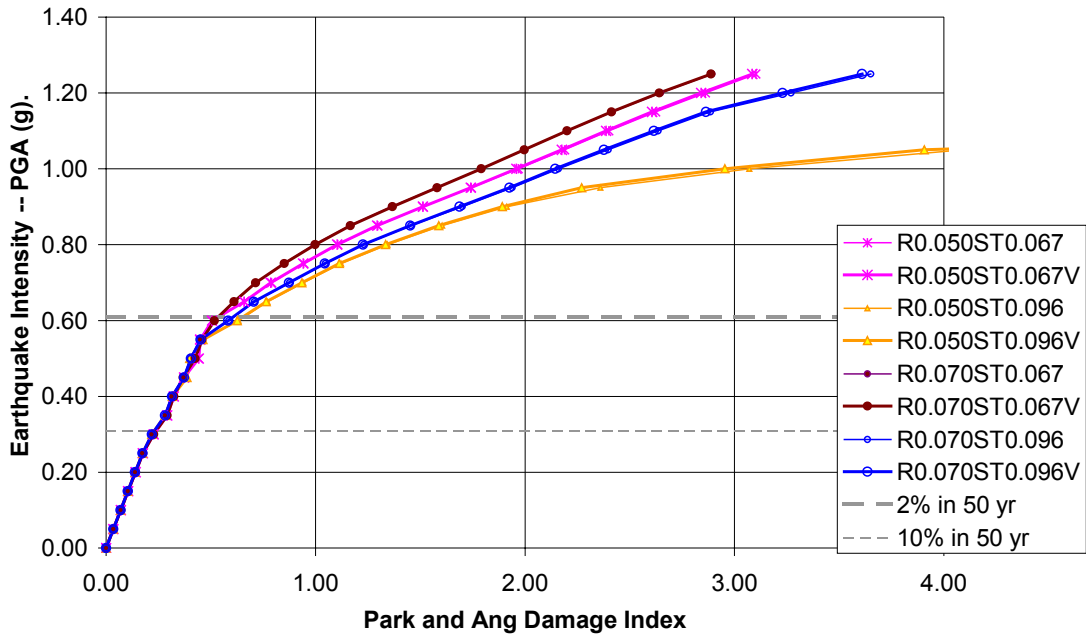


Figure D2.4.7.4d – Park and Ang Damage Indices of the Seattle 7 Story Models Subjected to the Taft Earthquake (EQ 4).

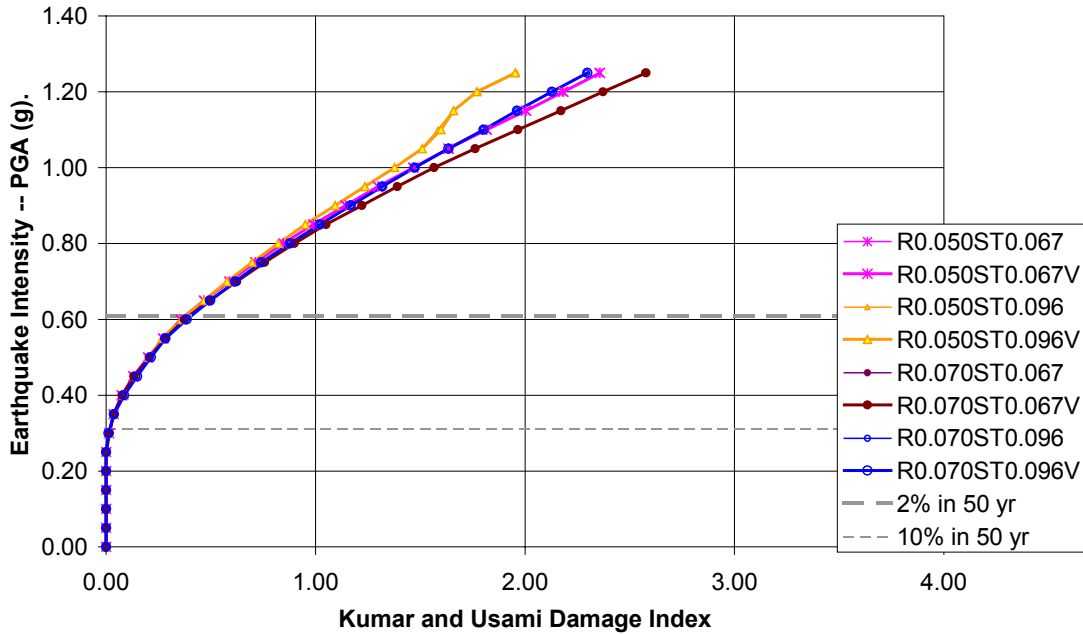


Figure D2.4.7.4e – Kumar and Usami Damage Indices of the Seattle 7 Story Models Subjected to the Taft Earthquake (EQ 4).

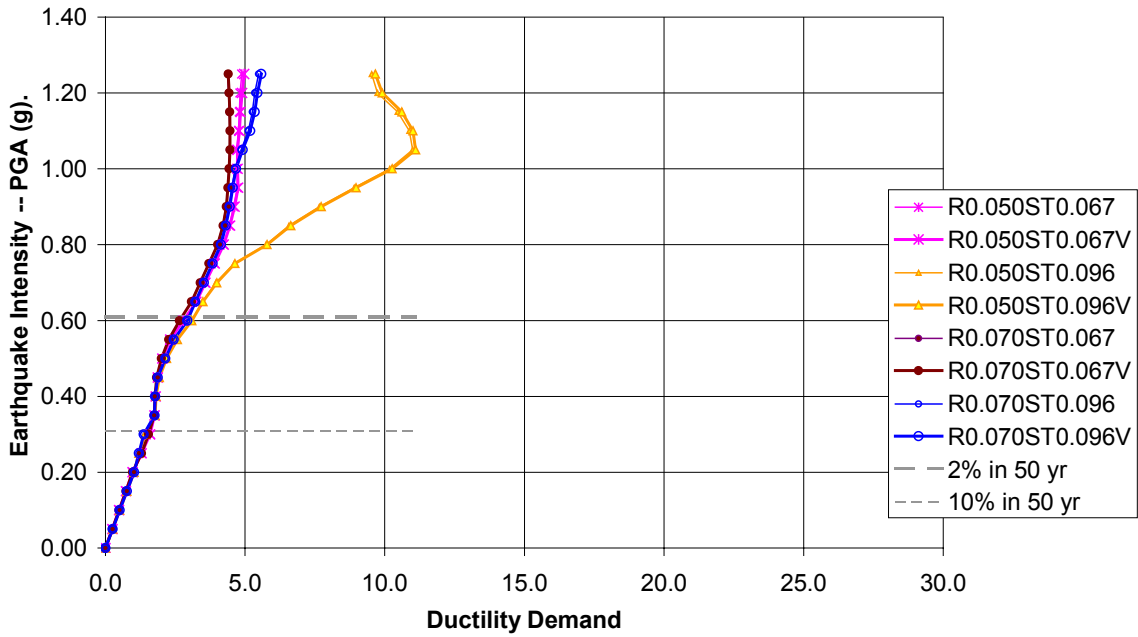


Figure D2.4.7.5a – Ductility Demands of the Seattle 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

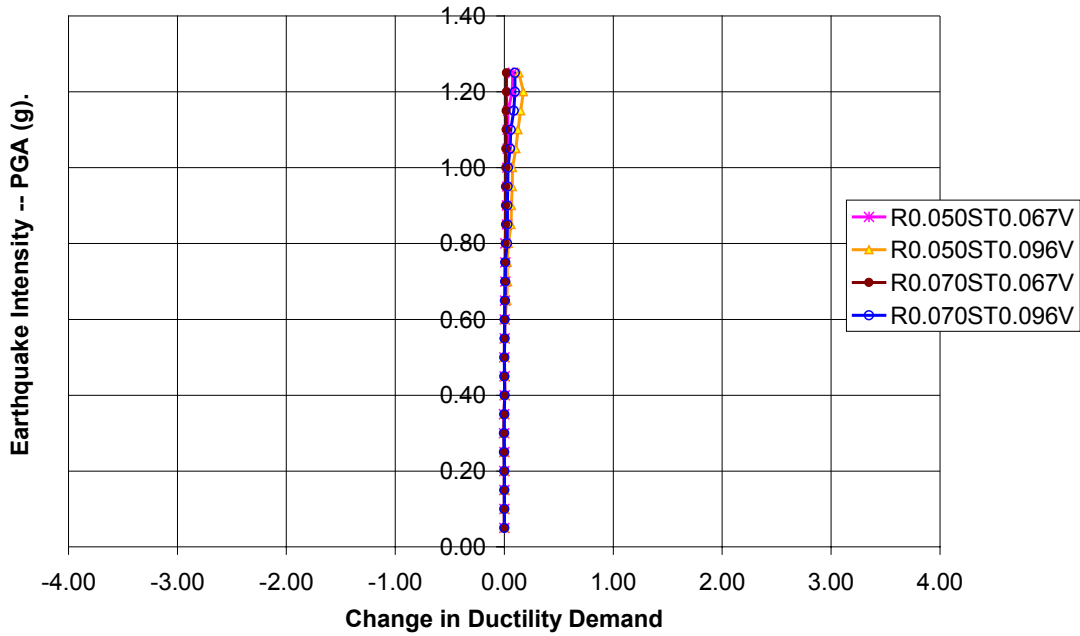


Figure D2.4.7.5b – Change in Ductility Demands Due to Vertical Accelerations for the Seattle 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

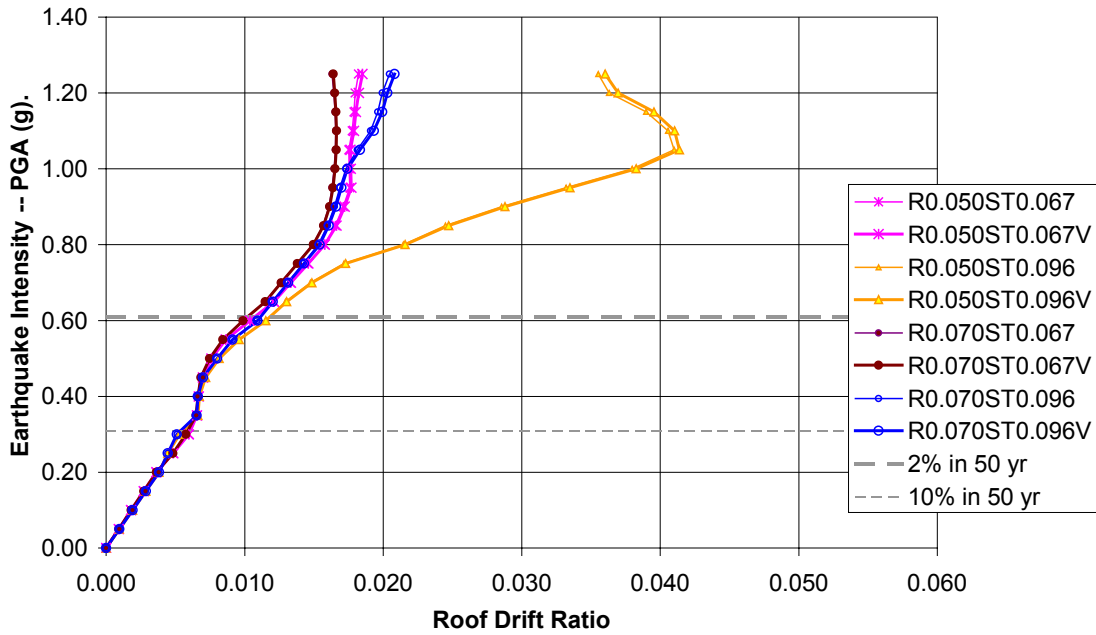


Figure D2.4.7.5c – Roof Drift Ratio of the Seattle 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

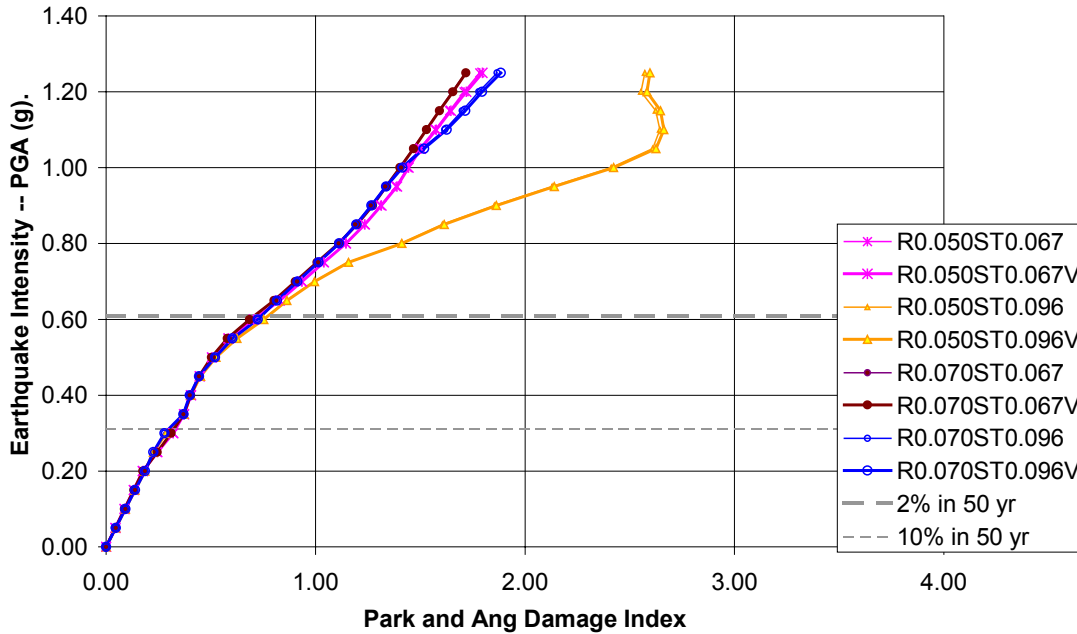


Figure D2.4.7.5d – Park and Ang Damage Indices of the Seattle 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

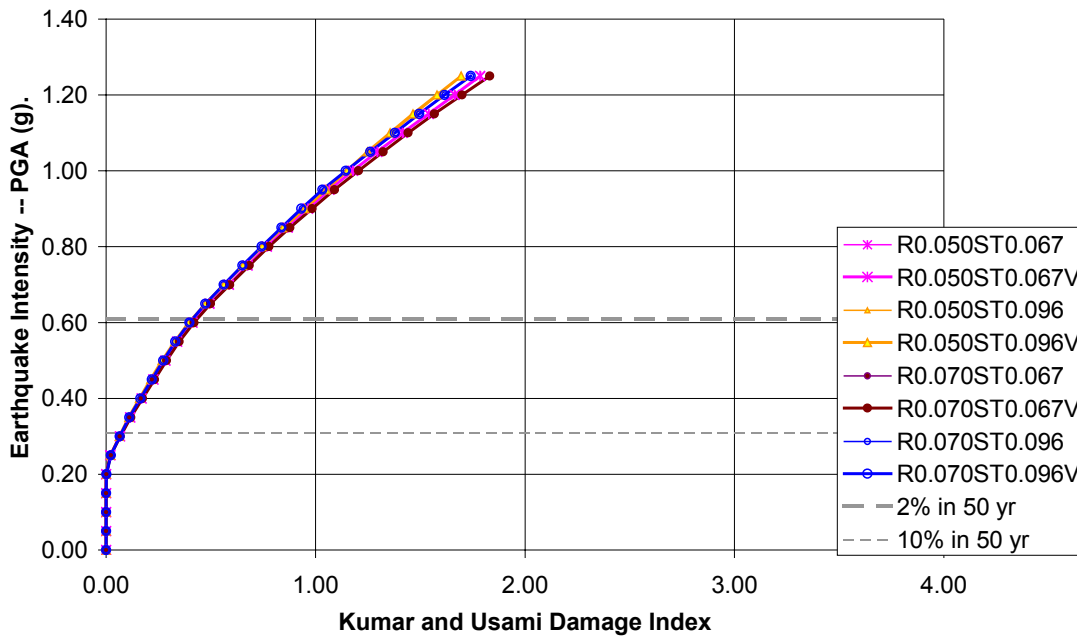


Figure D2.4.7.5e – Kumar and Usami Damage Indices of the Seattle 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

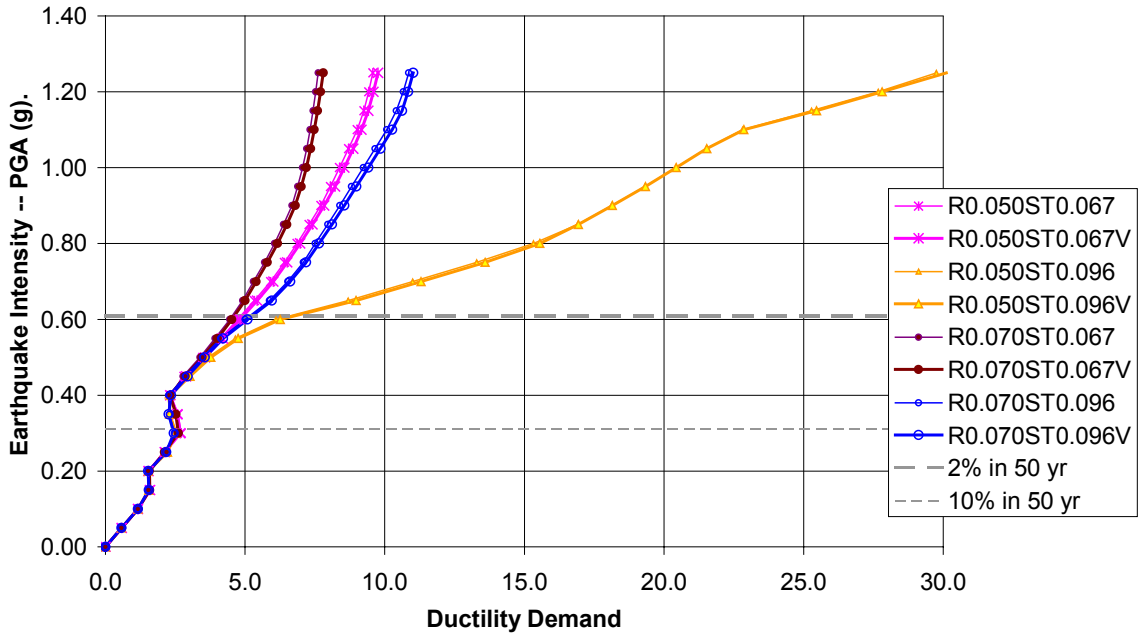


Figure D2.4.7.9a – Ductility Demands of the Seattle 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

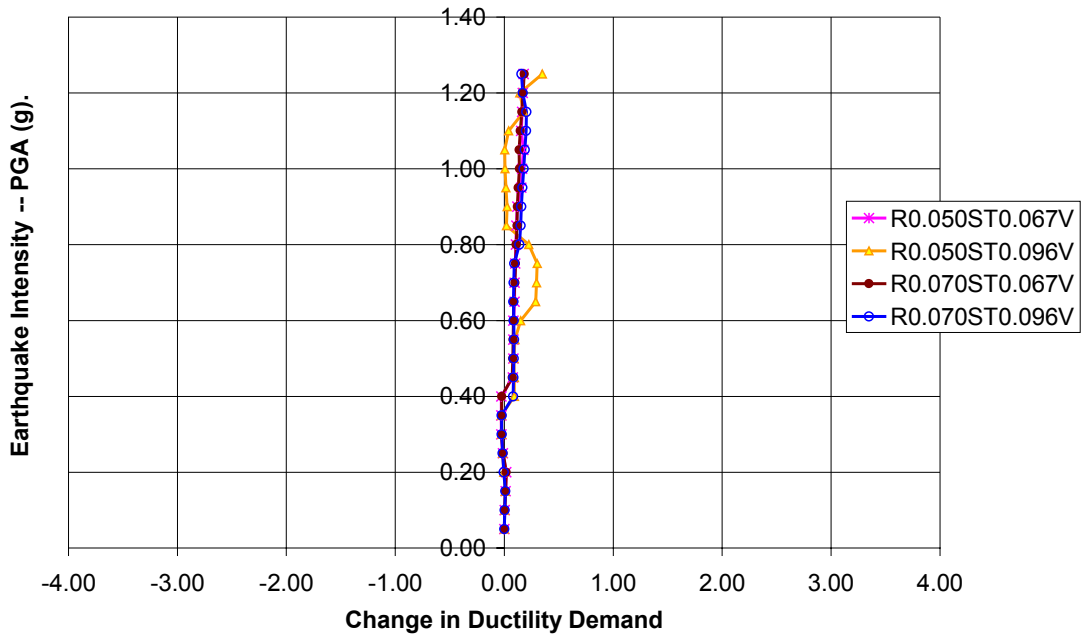


Figure D2.4.7.9b – Change in Ductility Demands Due to Vertical Accelerations for the Seattle 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

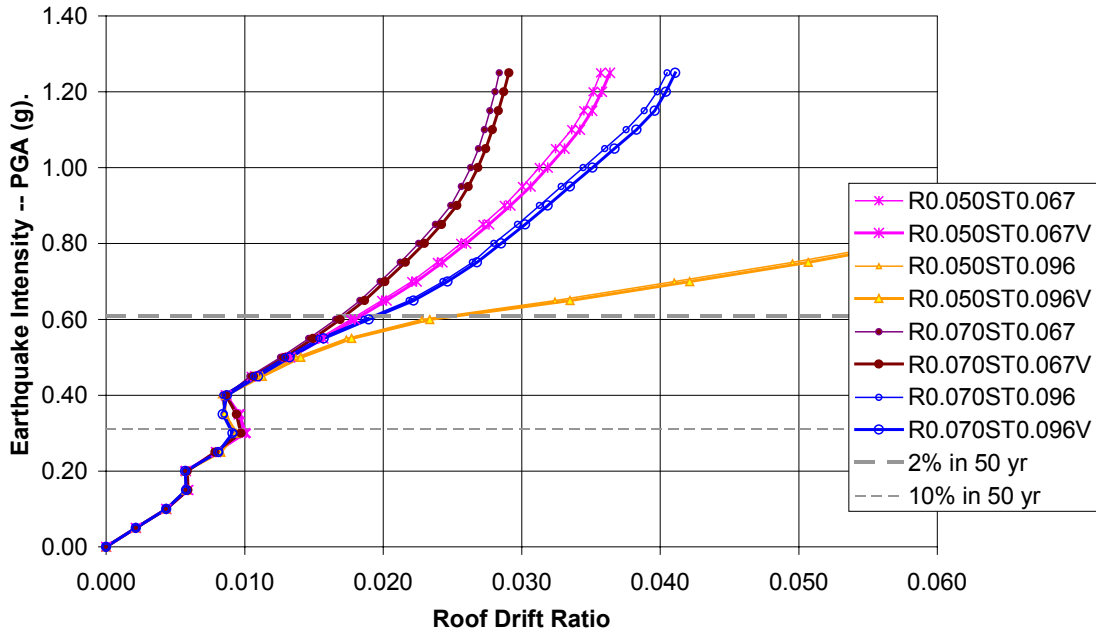


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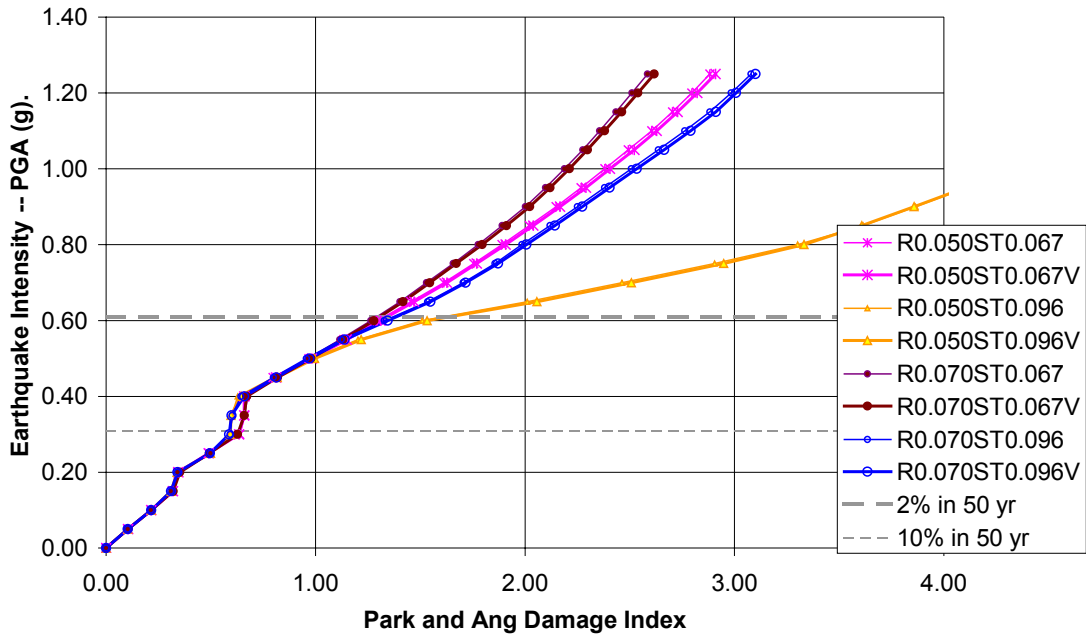


Figure D2.4.7.9d – Park and Ang Damage Indices of the Seattle 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

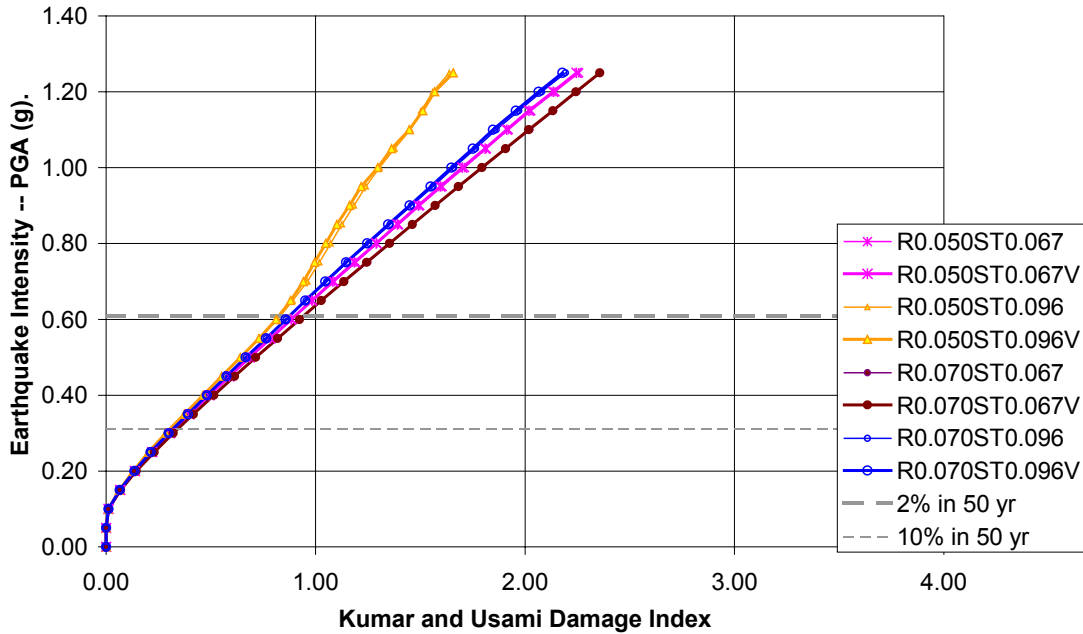


Figure D2.4.7.9e – Kumar and Usami Damage Indices of the Seattle 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

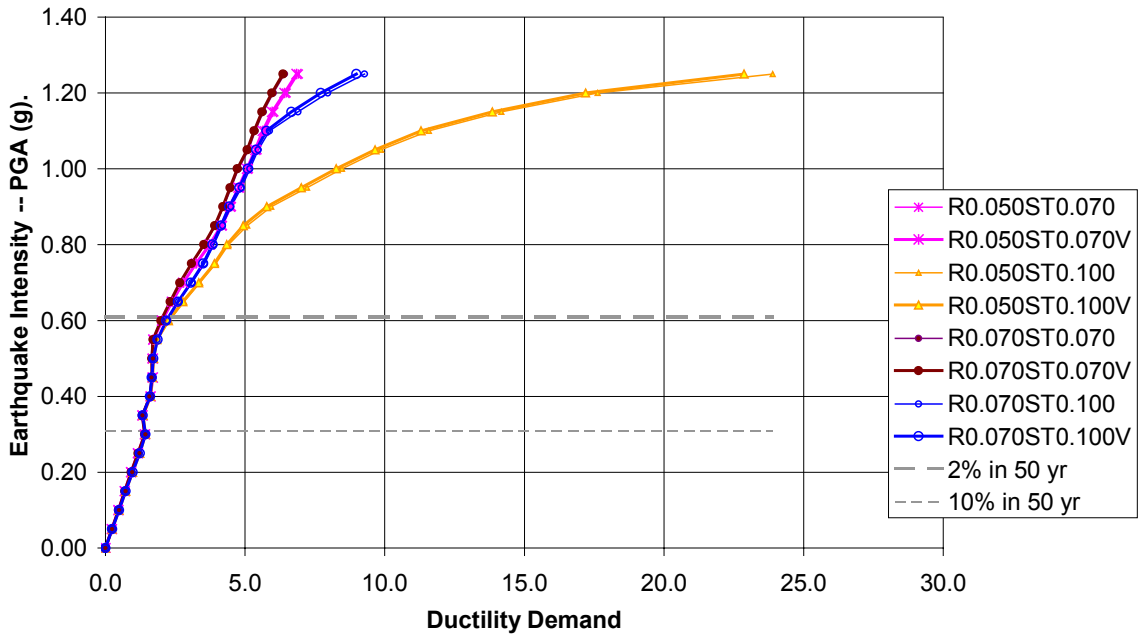


Figure D2.4.9.4a – Ductility Demands of the Seattle 9 Story Models Subjected to the Taft Earthquake (EQ 4).

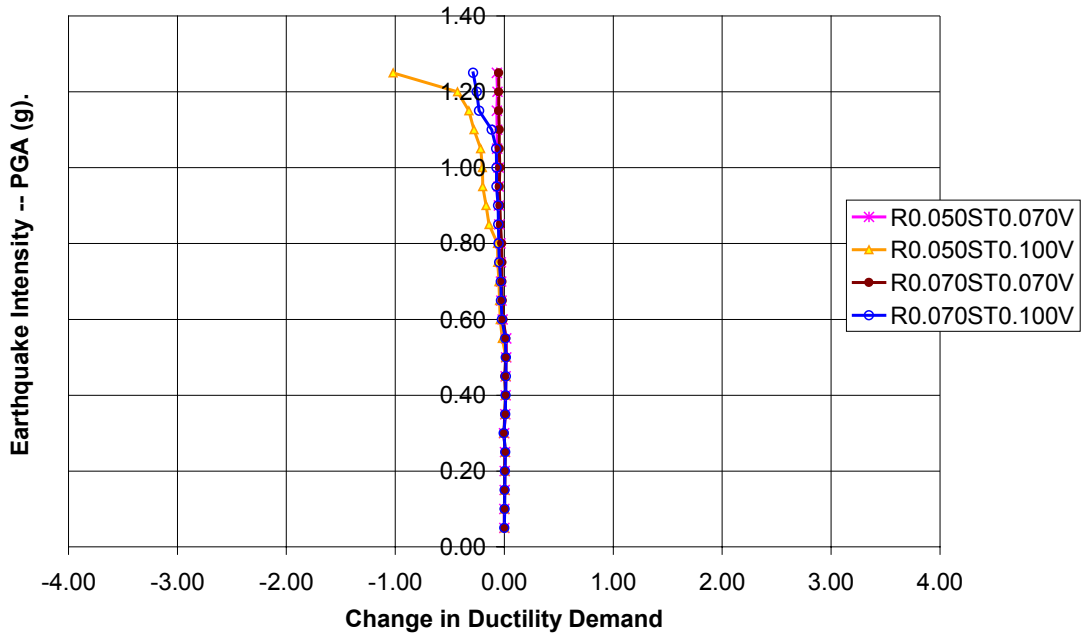


Figure D2.4.9.4b – Change in Ductility Demands Due to Vertical Accelerations for the Seattle 9 Story Models Subjected to the Taft Earthquake (EQ 4).

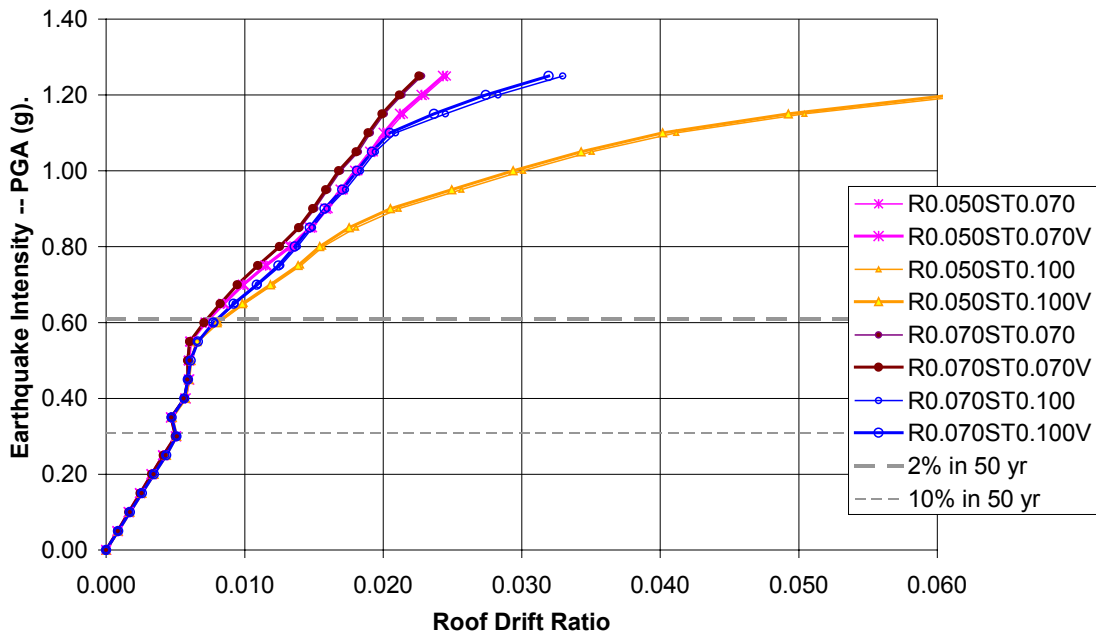


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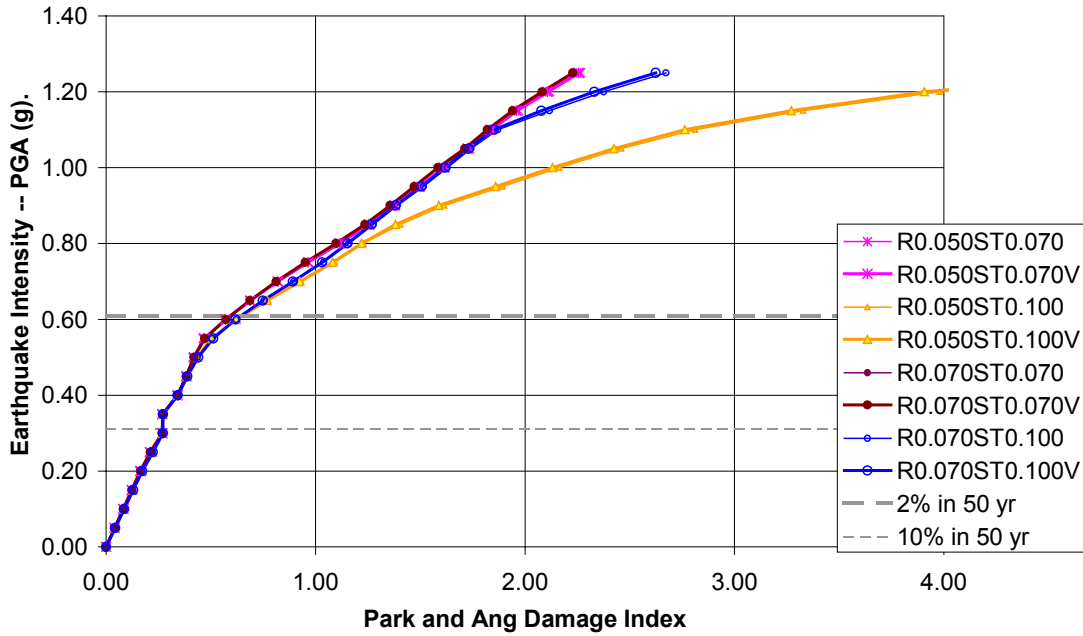


Figure D2.4.9.4d – Park and Ang Damage Indices of the Seattle 9 Story Models Subjected to the Taft Earthquake (EQ 4).

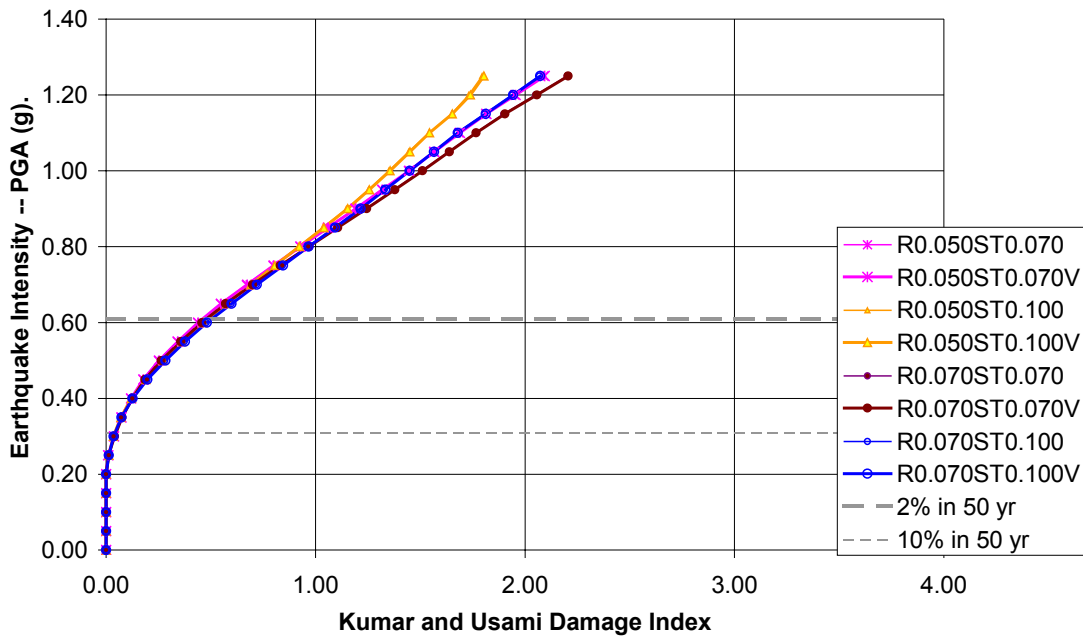


Figure D2.4.9.4e – Kumar and Usami Damage Indices of the Seattle 9 Story Models Subjected to the Taft Earthquake (EQ 4).

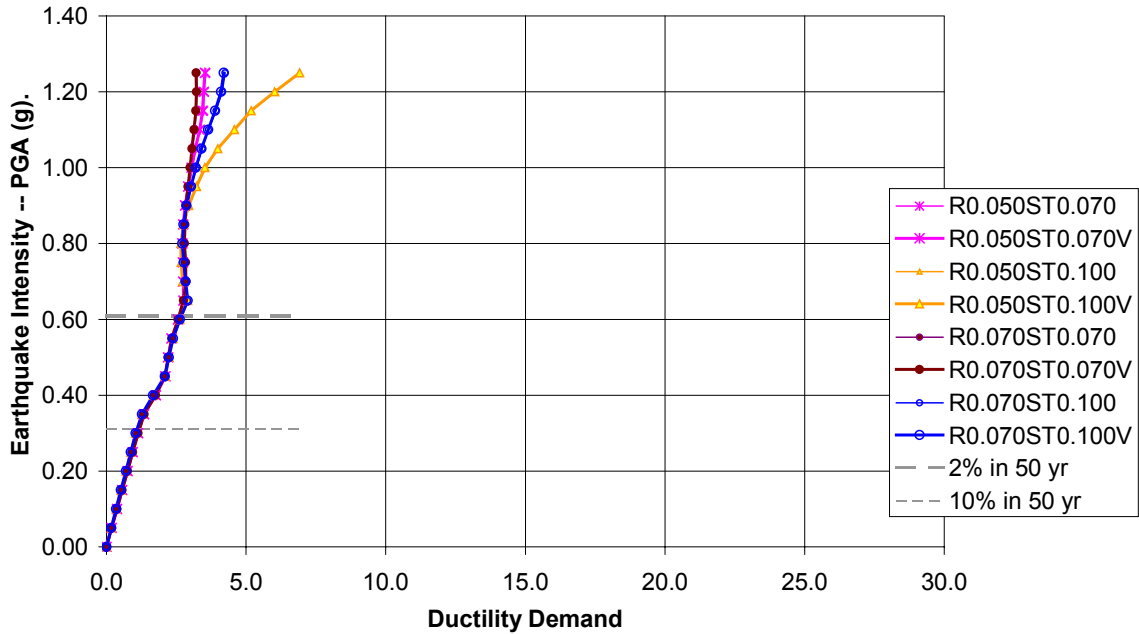


Figure D2.4.9.5a – Ductility Demands of the Seattle 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

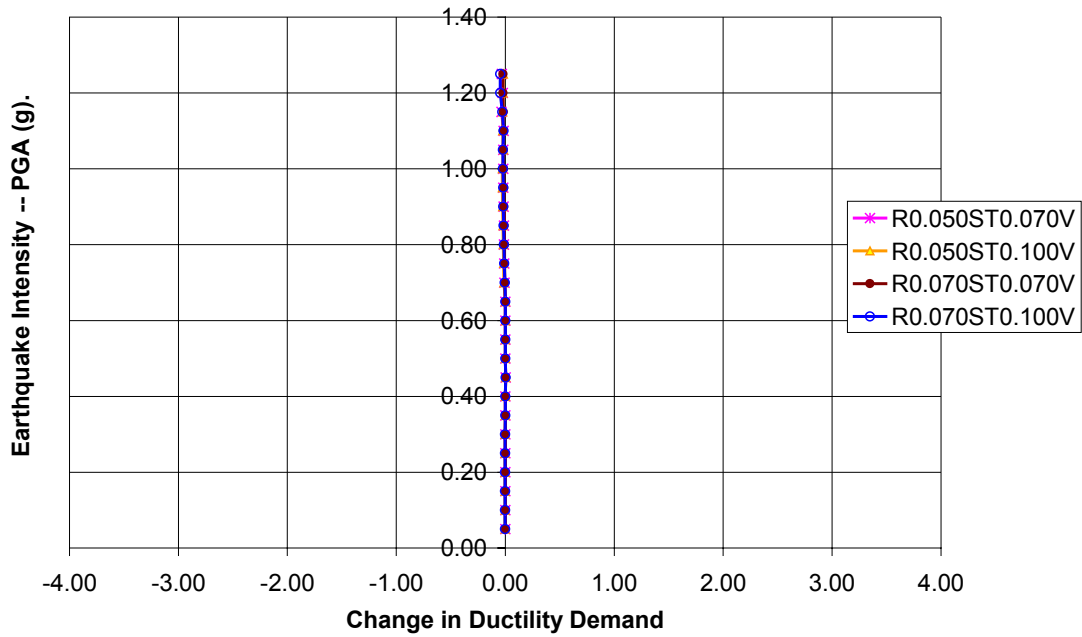


Figure D2.4.9.5b – Change in Ductility Demands Due to Vertical Accelerations for the Seattle 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

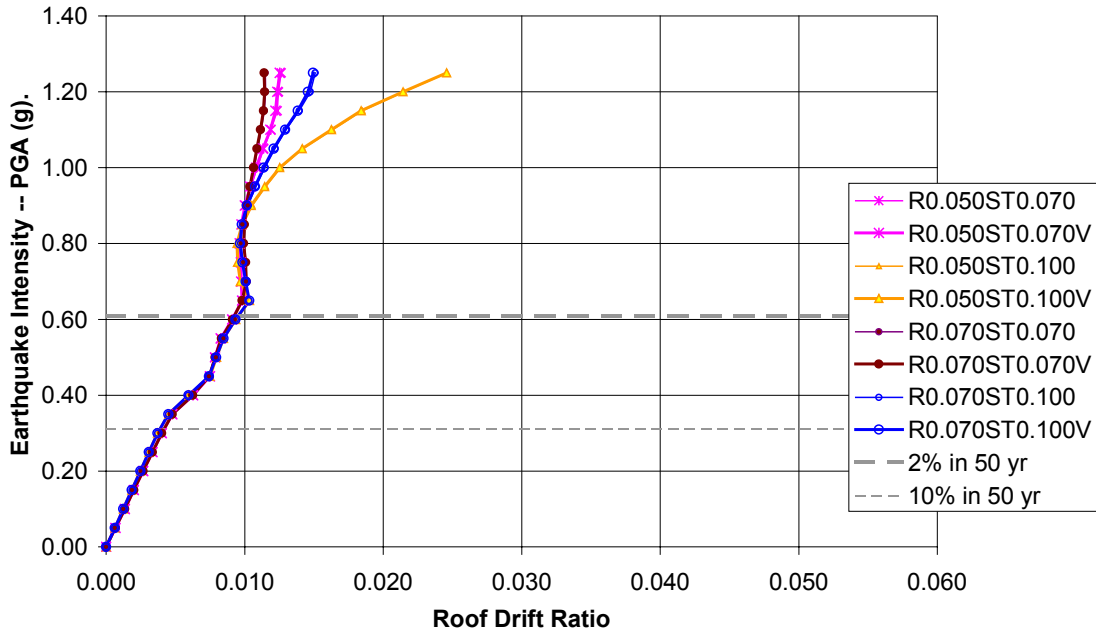


Figure D2.4.9.5c – Roof Drift Ratio of the Seattle 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

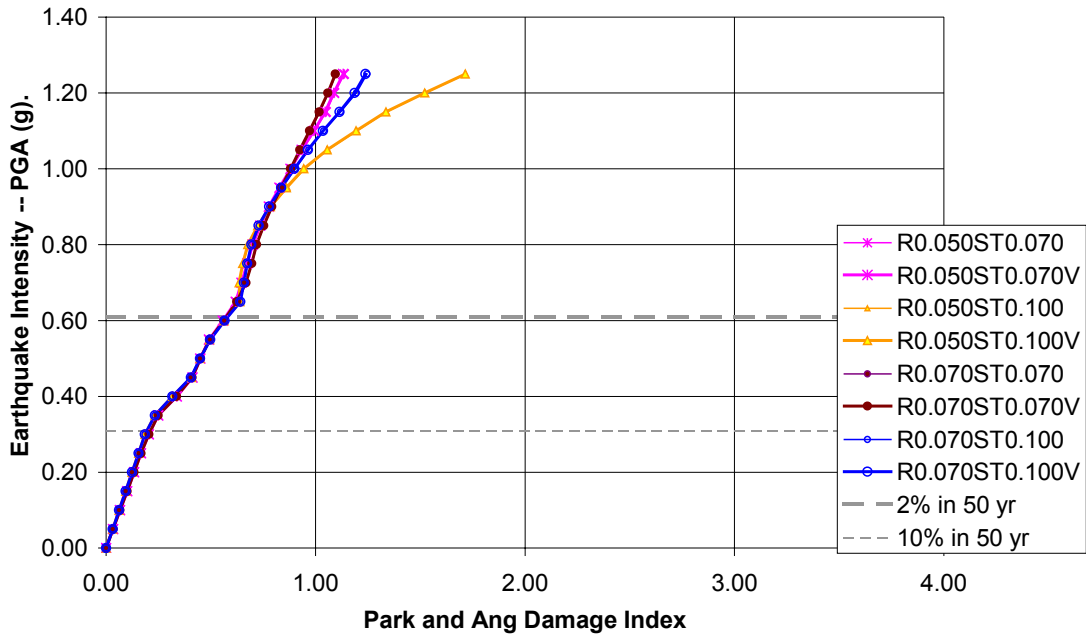


Figure D2.4.9.5d – Park and Ang Damage Indices of the Seattle 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

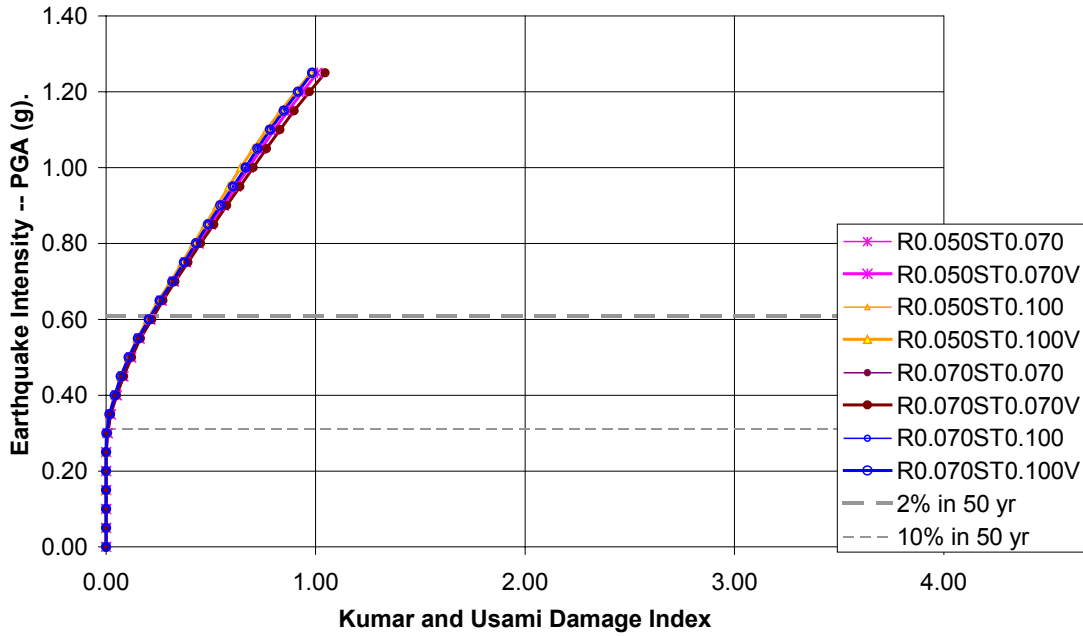


Figure D2.4.9.5e – Kumar and Usami Damage Indices of the Seattle 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

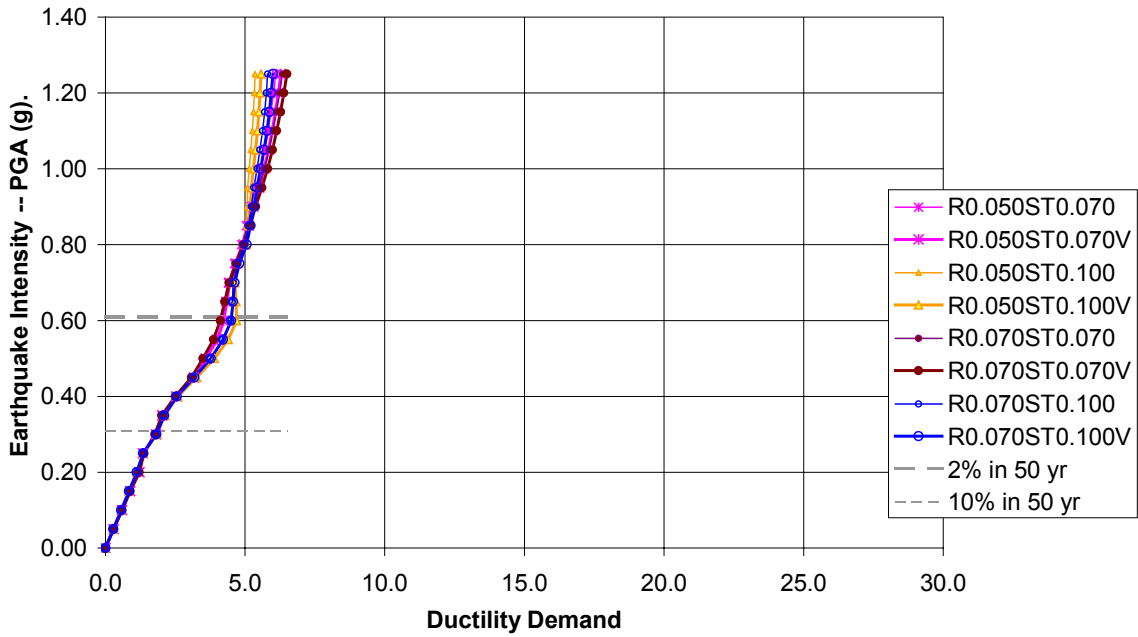


Figure D2.4.9.9a – Ductility Demands of the Seattle 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

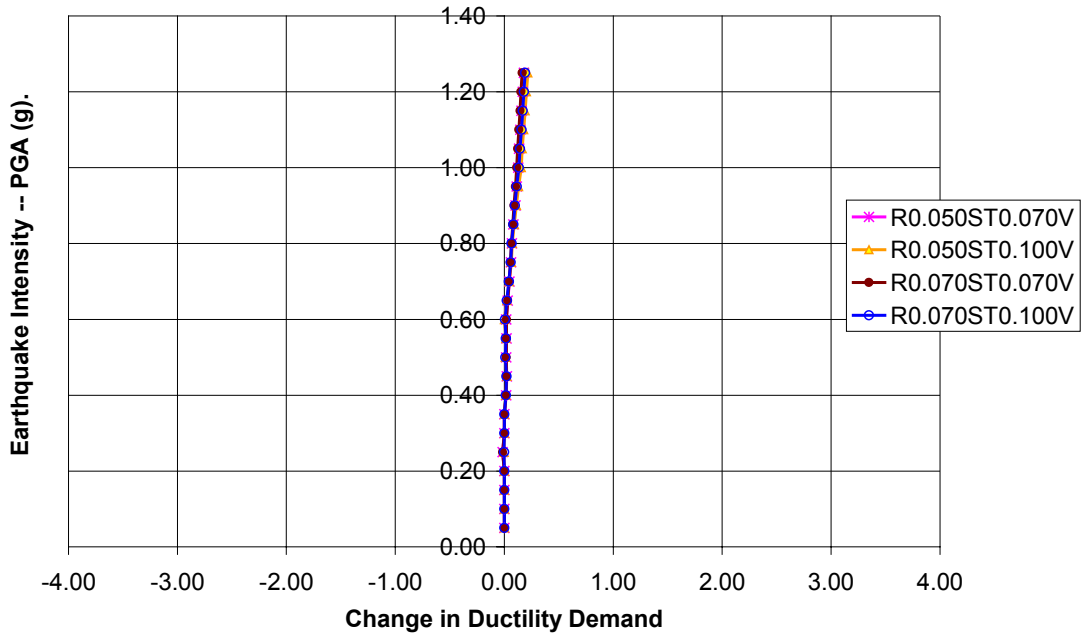


Figure D2.4.9.9b – Change in Ductility Demands Due to Vertical Accelerations for the Seattle 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

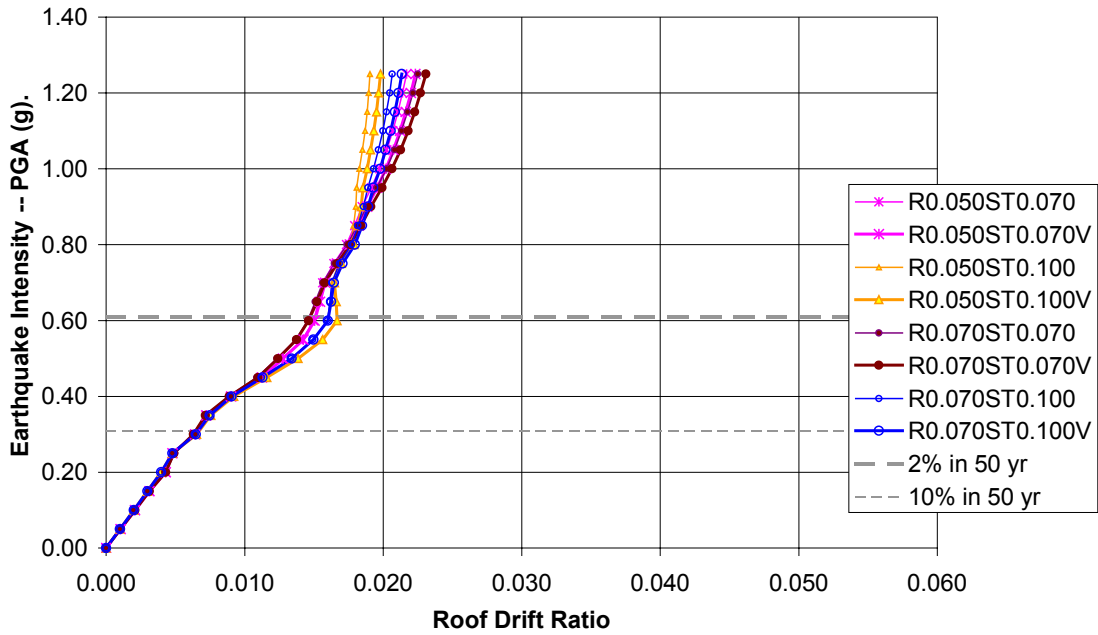


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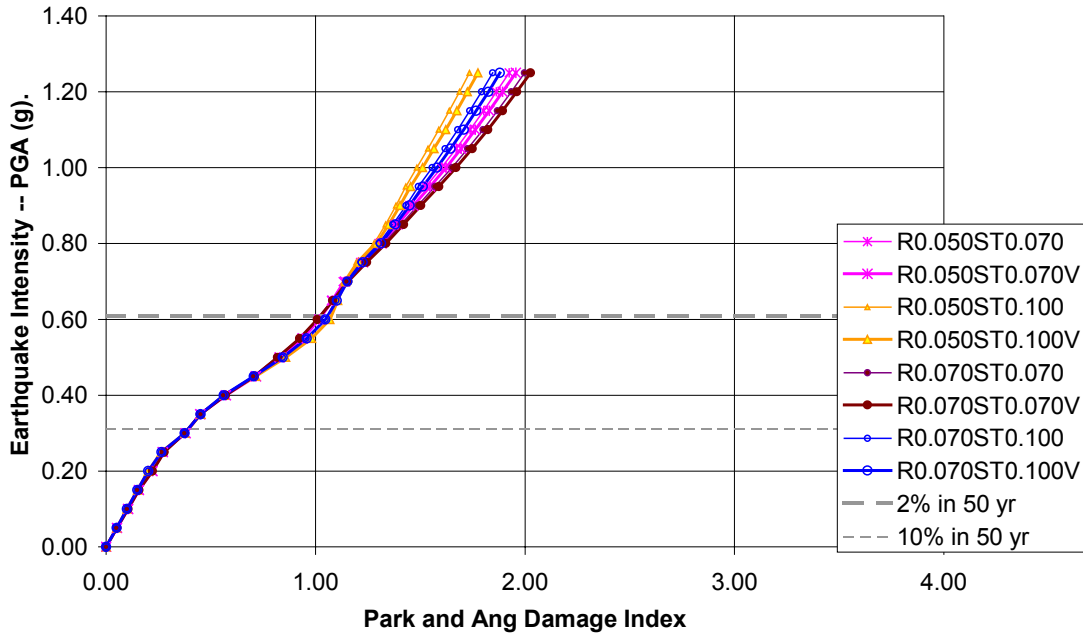


Figure D2.4.9.9d – Park and Ang Damage Indices of the Seattle 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

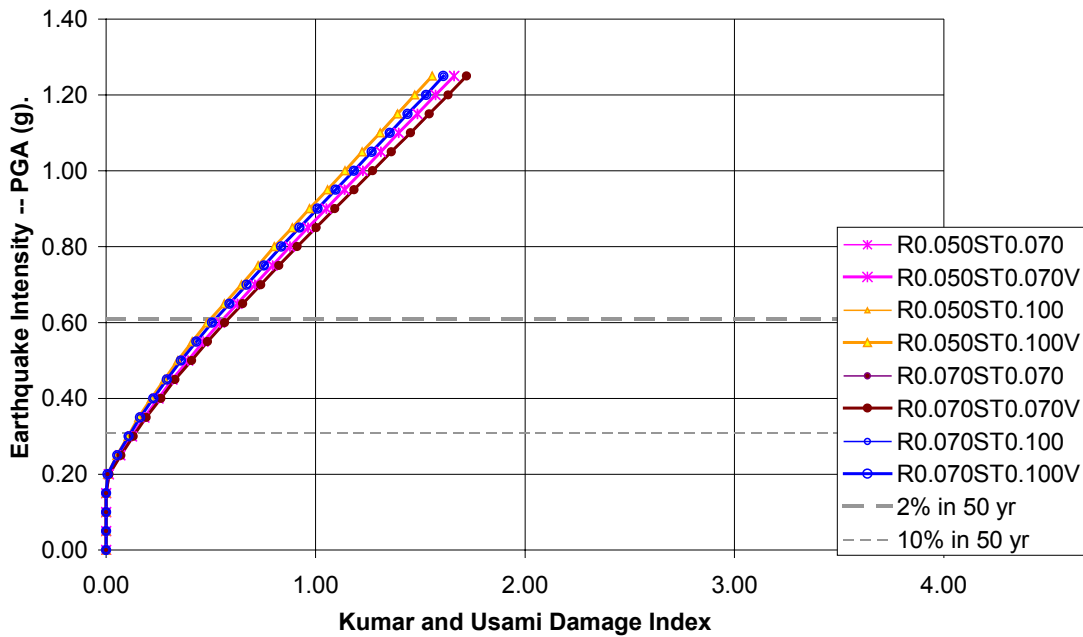


Figure D2.4.9.9e – Kumar and Usami Damage Indices of the Seattle 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

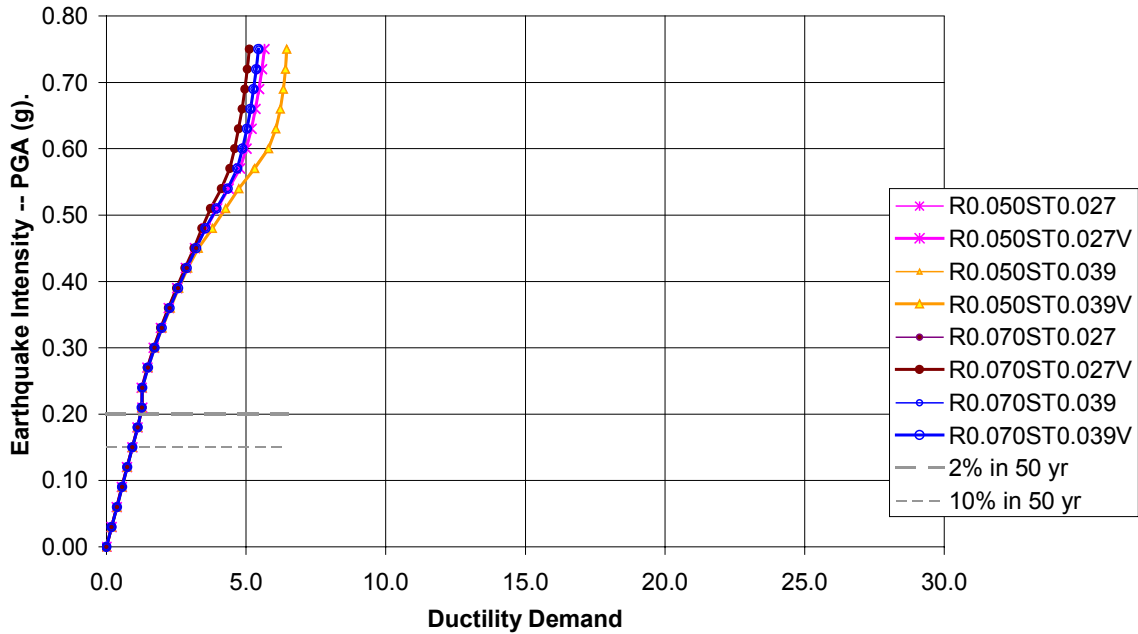


Figure D2.5.3.4a – Ductility Demands of the Salt Lake City 3 Story Models Subjected to the Taft Earthquake (EQ 4).

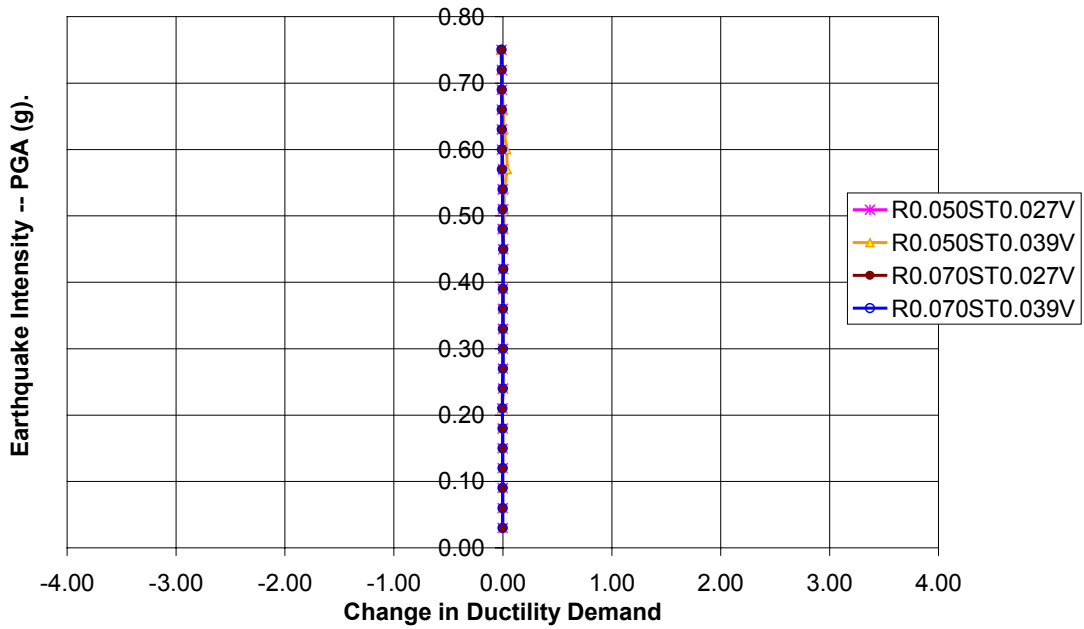


Figure D2.5.3.4b – Change in Ductility Demands Due to Vertical Accelerations for the Salt Lake City 3 Story Models Subjected to the Taft Earthquake (EQ 4).

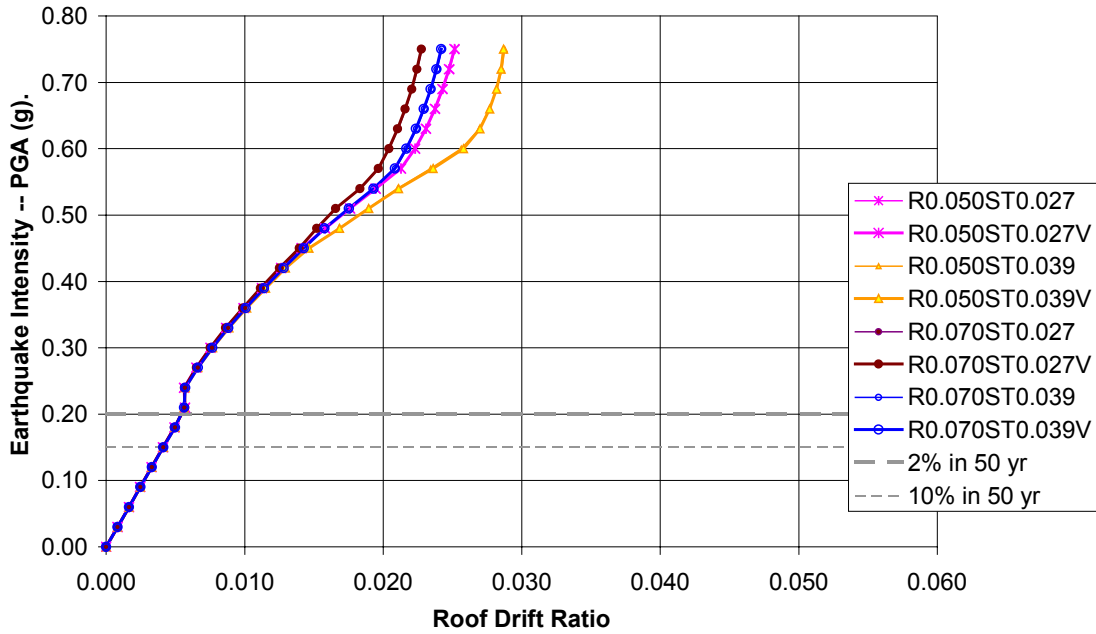


Figure D2.5.3.4c – Roof Drift Ratio of the Salt Lake City 3 Story Models Subjected to the Taft Earthquake (EQ 4).

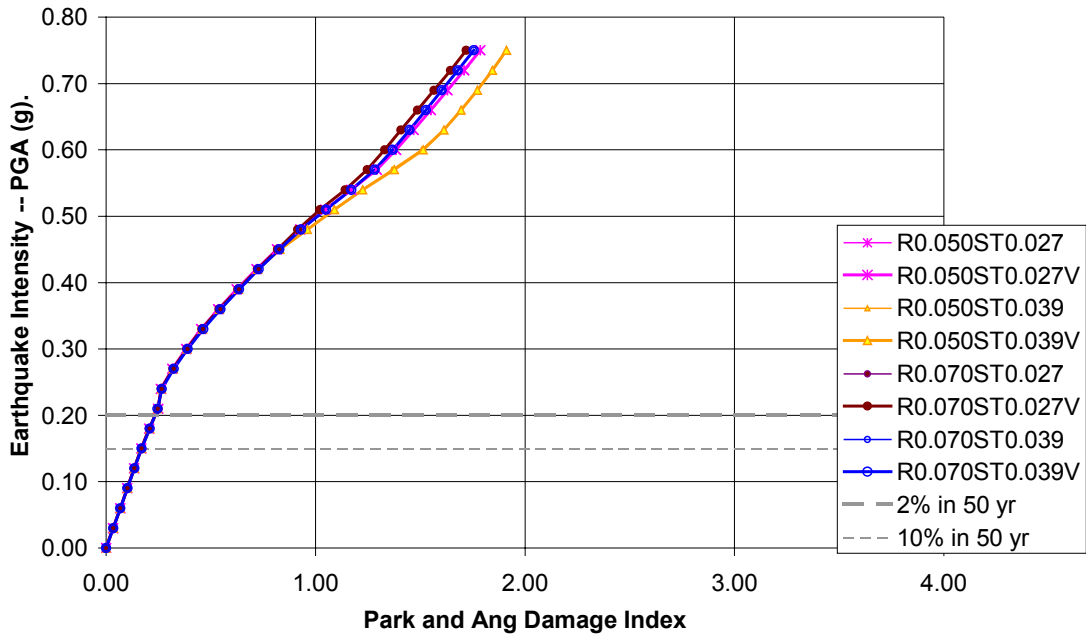


Figure D2.5.3.4d – Park and Ang Damage Indices of the Salt Lake City 3 Story Models Subjected to the Taft Earthquake (EQ 4).

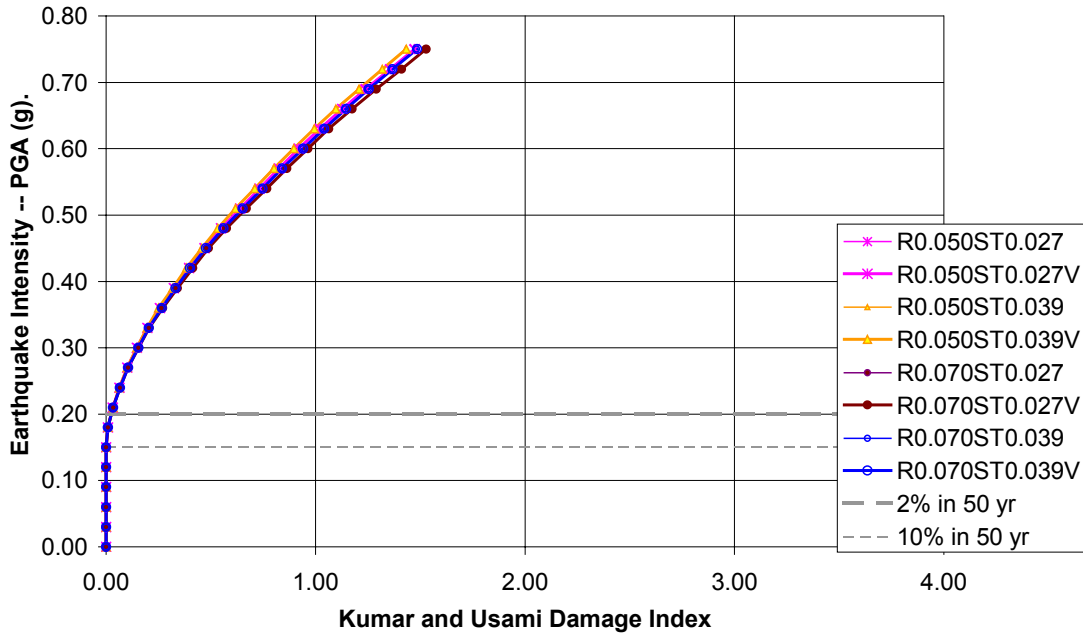


Figure D2.5.3.4e – Kumar and Usami Damage Indices of the Salt Lake City 3 Story Models Subjected to the Taft Earthquake (EQ 4).

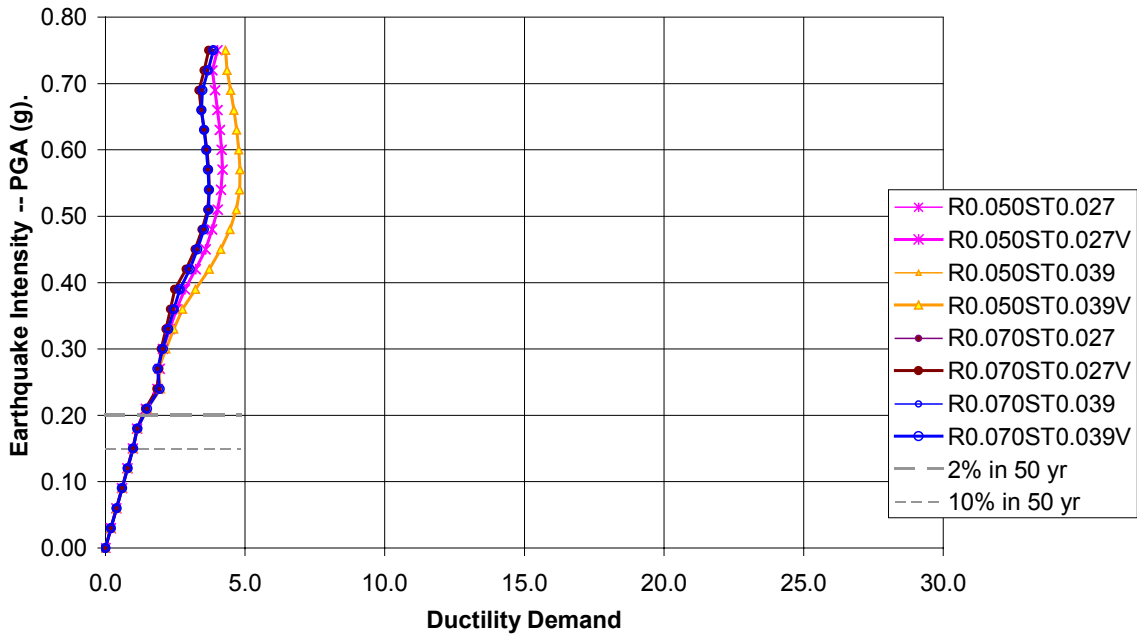


Figure D2.5.3.5a – Ductility Demands of the Salt Lake City 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

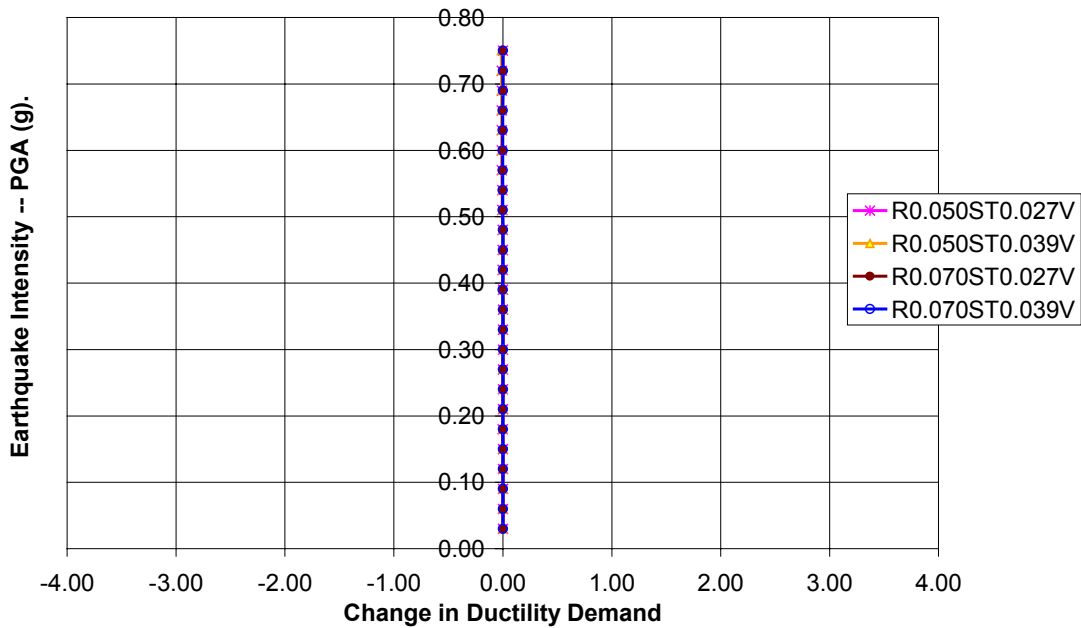


Figure D2.5.3.5b – Change in Ductility Demands Due to Vertical Accelerations for the Salt Lake City 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

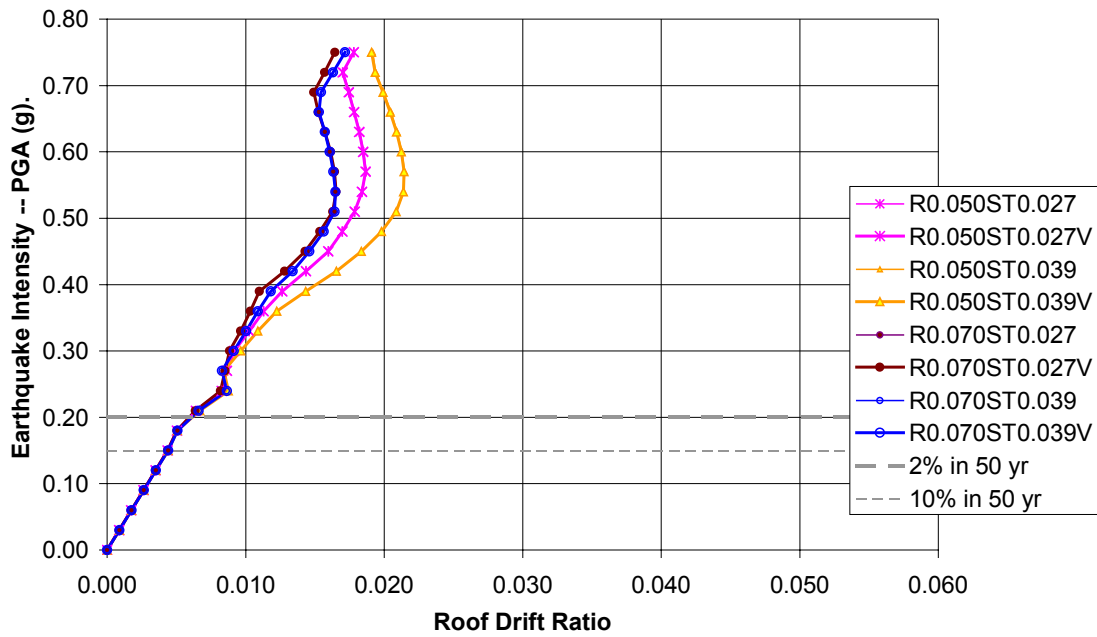


Figure D2.5.3.5c – Roof Drift Ratio of the Salt Lake City 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

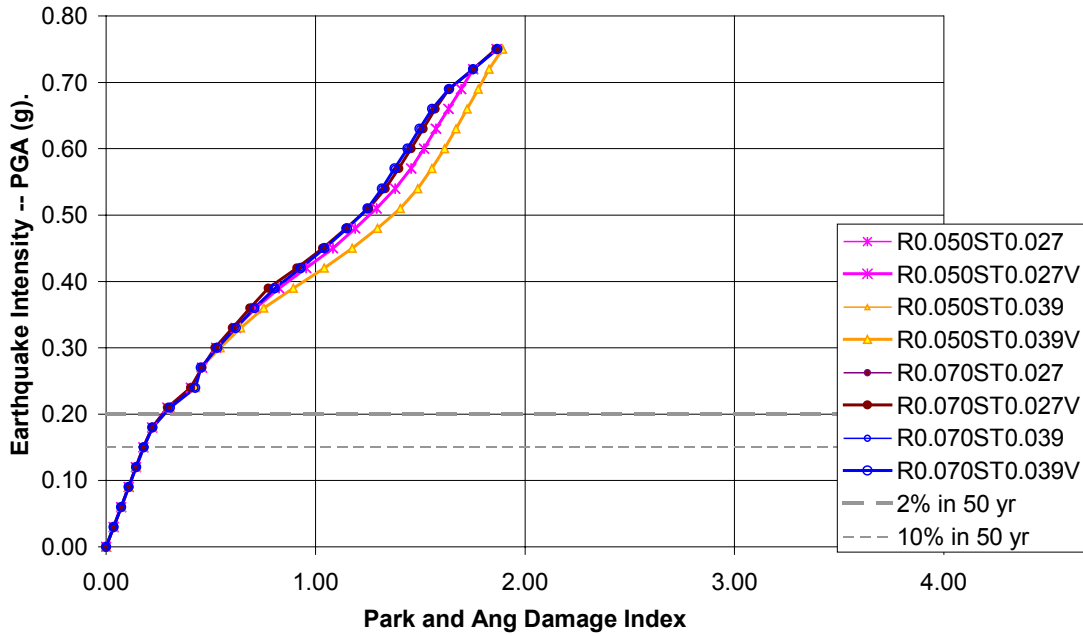


Figure D2.5.3.5d – Park and Ang Damage Indices of the Salt Lake City 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

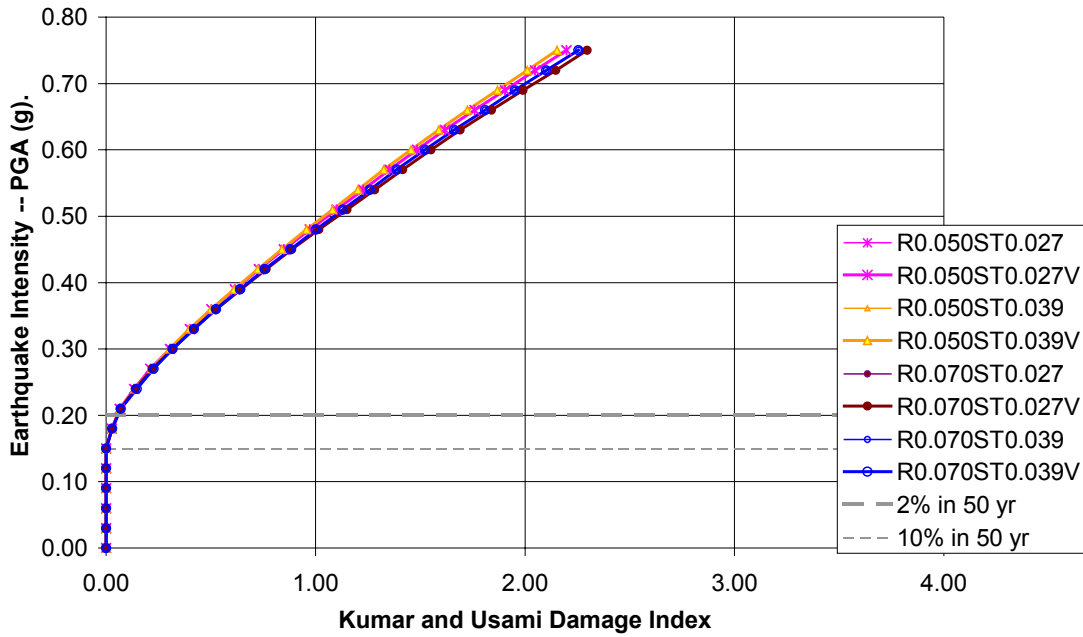


Figure D2.5.3.5e – Kumar and Usami Damage Indices of the Salt Lake City 3 Story Models Subjected to the Hollister Earthquake (EQ 5).

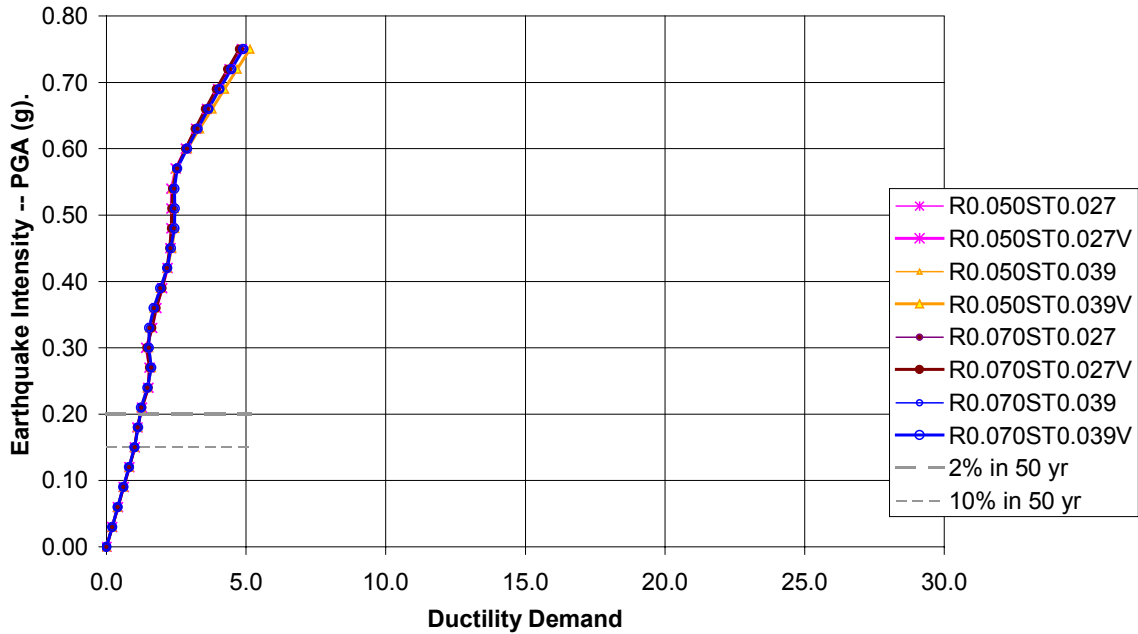


Figure D2.5.3.9a – Ductility Demands of the Salt Lake City 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

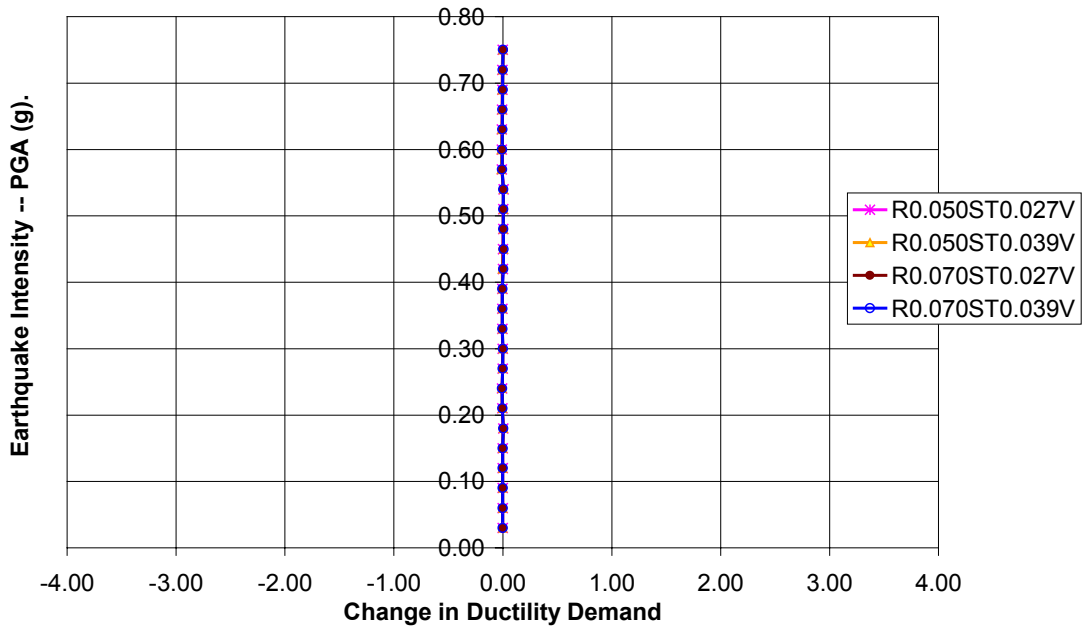


Figure D2.5.3.9b – Change in Ductility Demands Due to Vertical Accelerations for the Salt Lake City 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

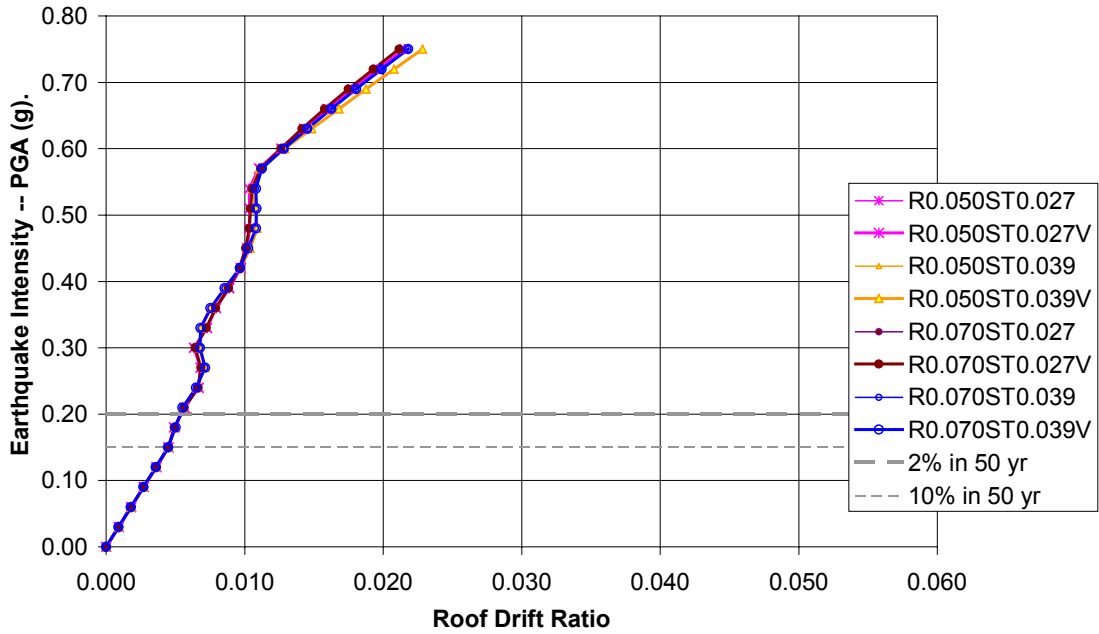


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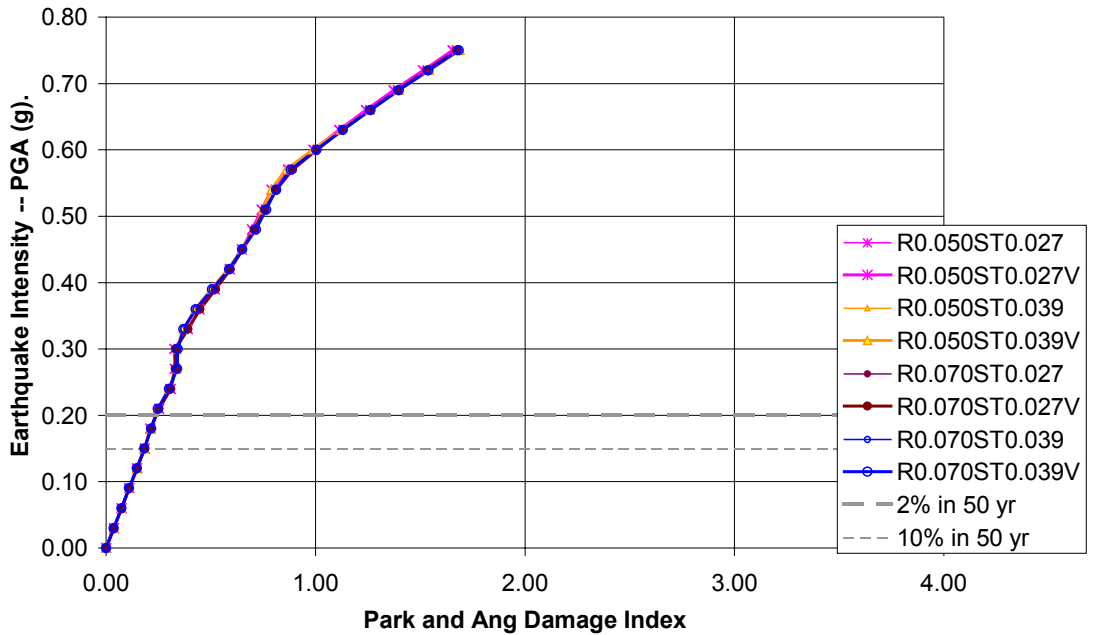


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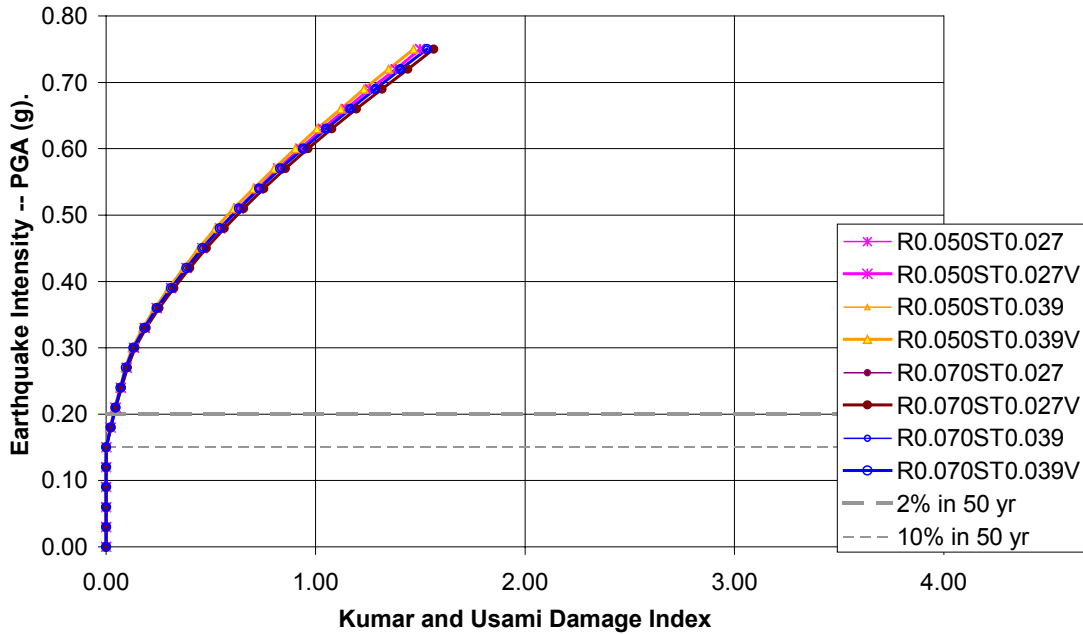


Figure D2.5.3.9e – Kumar and Usami Damage Indices of the Salt Lake City 3 Story Models Subjected to the Northridge Earthquake (EQ 9).

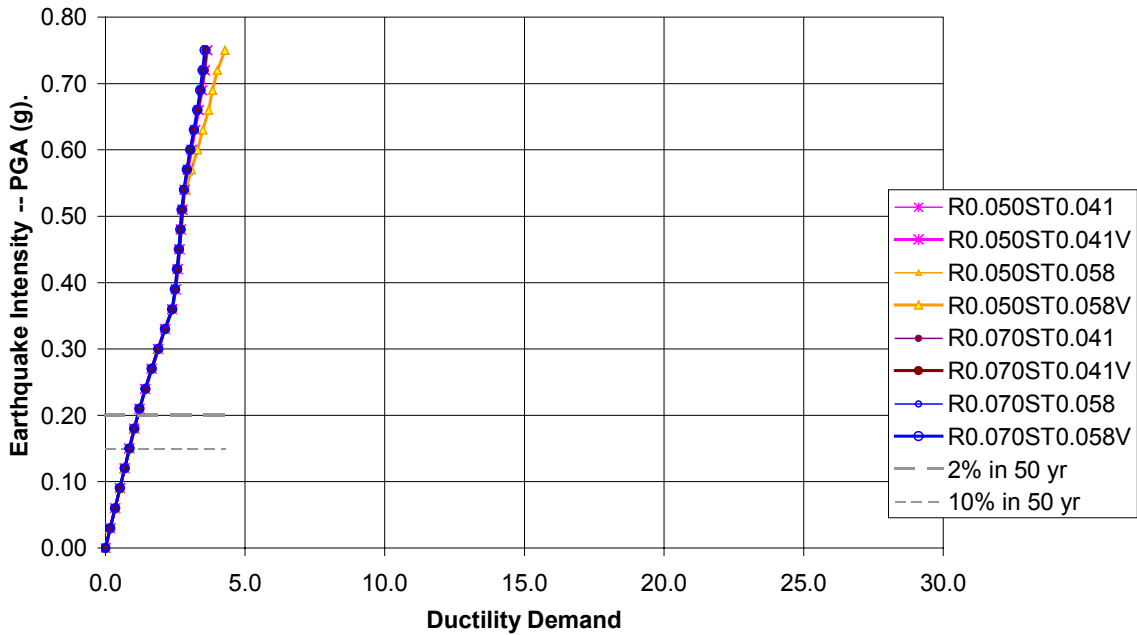


Figure D2.5.5.4a – Ductility Demands of the Salt Lake City 5 Story Models Subjected to the Taft Earthquake (EQ 4).

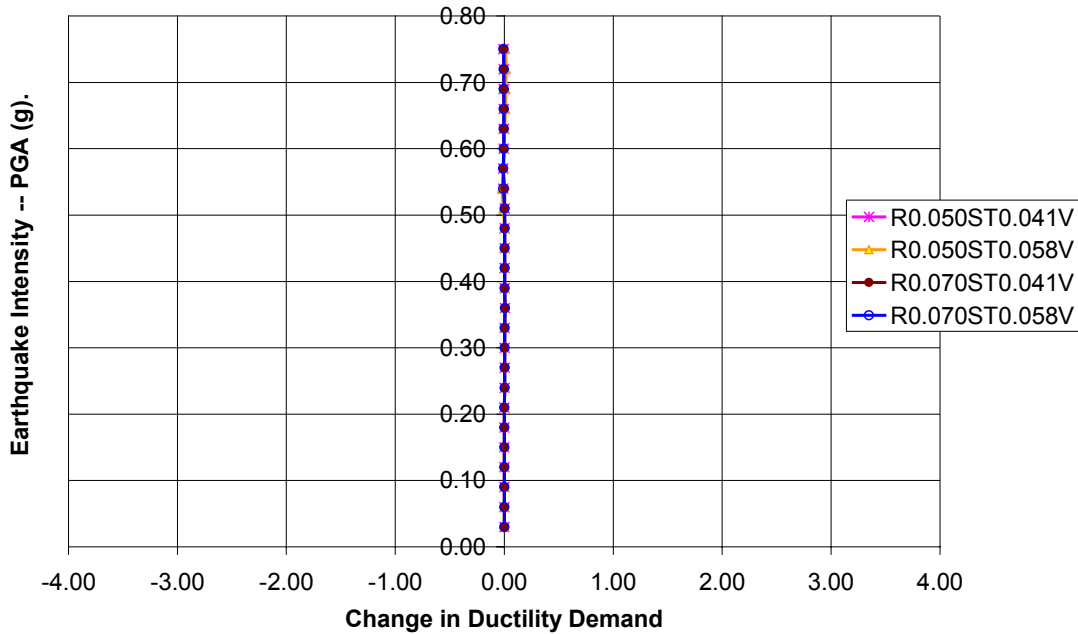


Figure D2.5.5.4b – Change in Ductility Demands Due to Vertical Accelerations for the Salt Lake City 5 Story Models Subjected to the Taft Earthquake (EQ 4).

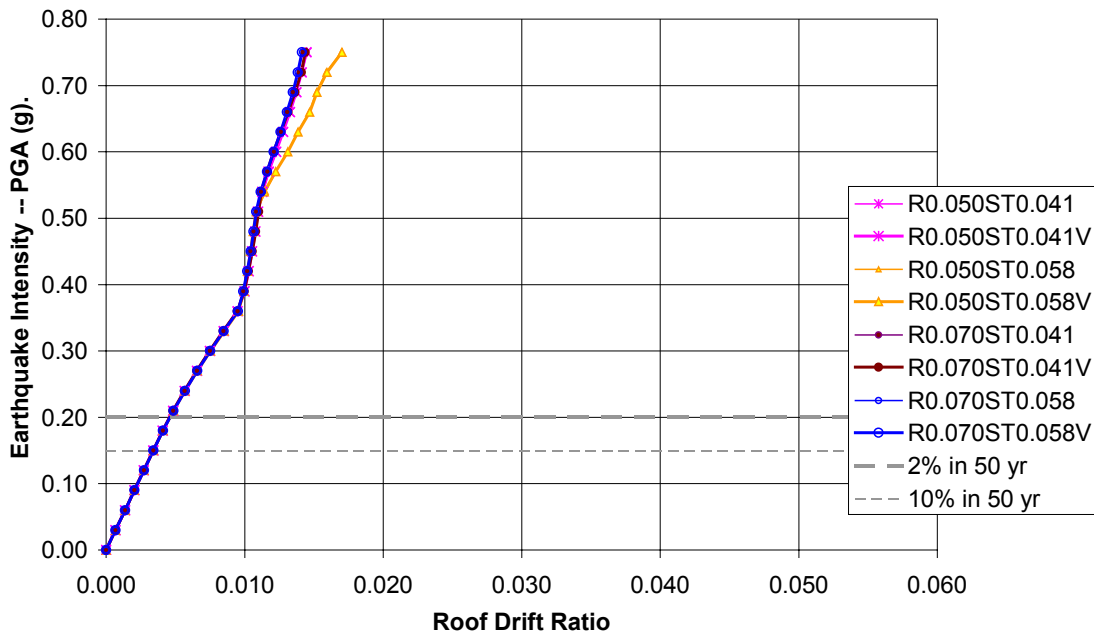


Figure D2.5.5.4c – Roof Drift Ratio of the Salt Lake City 5 Story Models Subjected to the Taft Earthquake (EQ 4).

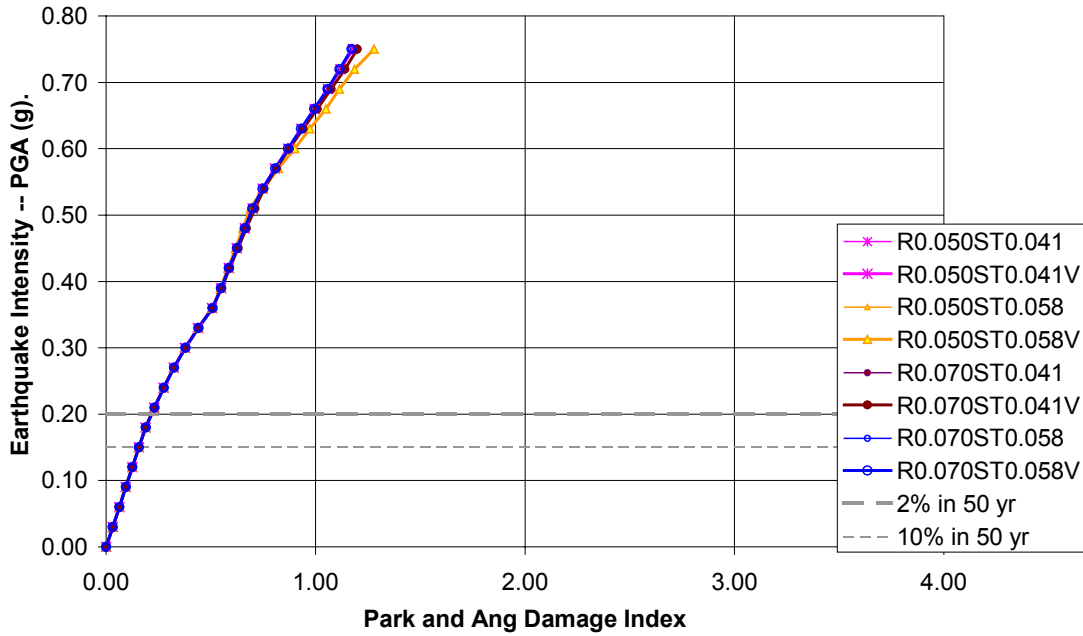


Figure D2.5.5.4d – Park and Ang Damage Indices of the Salt Lake City 5 Story Models Subjected to the Taft Earthquake (EQ 4).

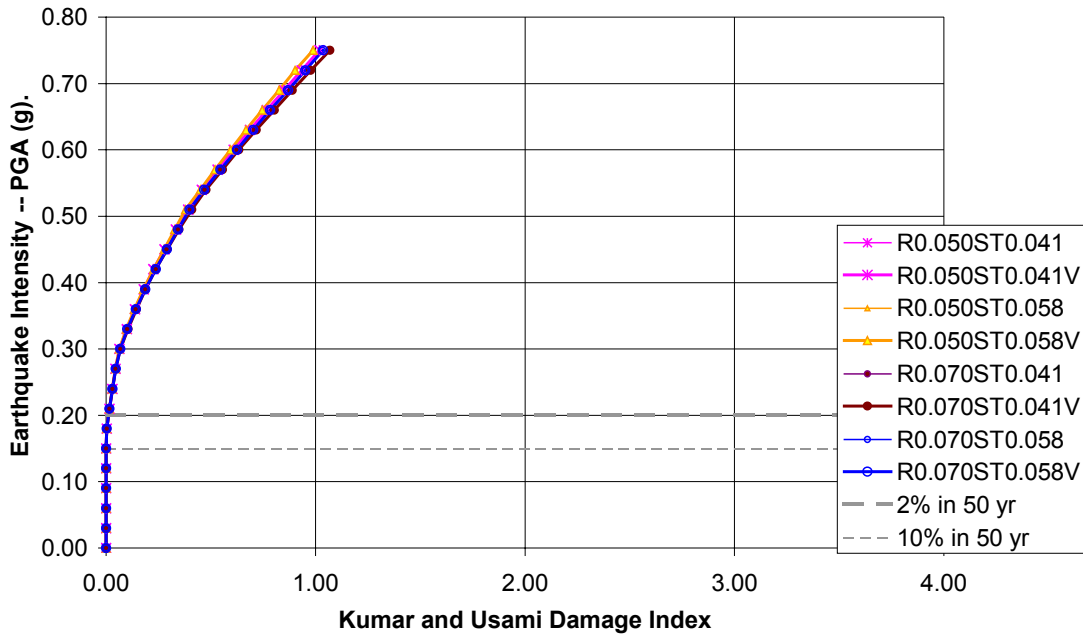


Figure D2.5.5.4e – Kumar and Usami Damage Indices of the Salt Lake City 5 Story Models Subjected to the Taft Earthquake (EQ 4).

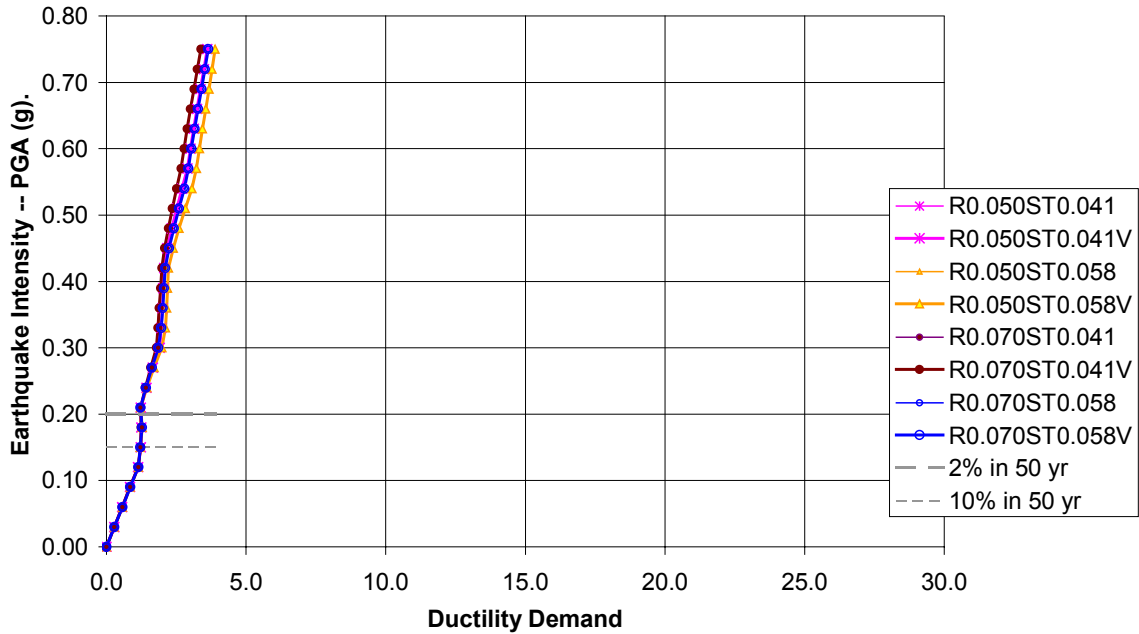


Figure D2.5.5.5a – Ductility Demands of the Salt Lake City 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

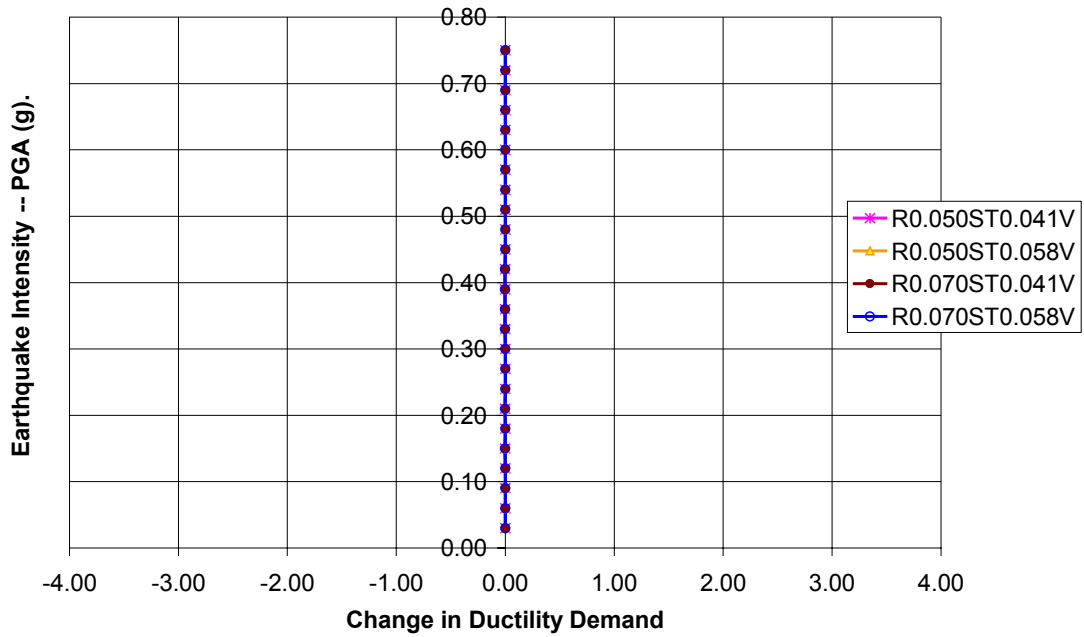


Figure D2.5.5.5b – Change in Ductility Demands Due to Vertical Accelerations for the Salt Lake City 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

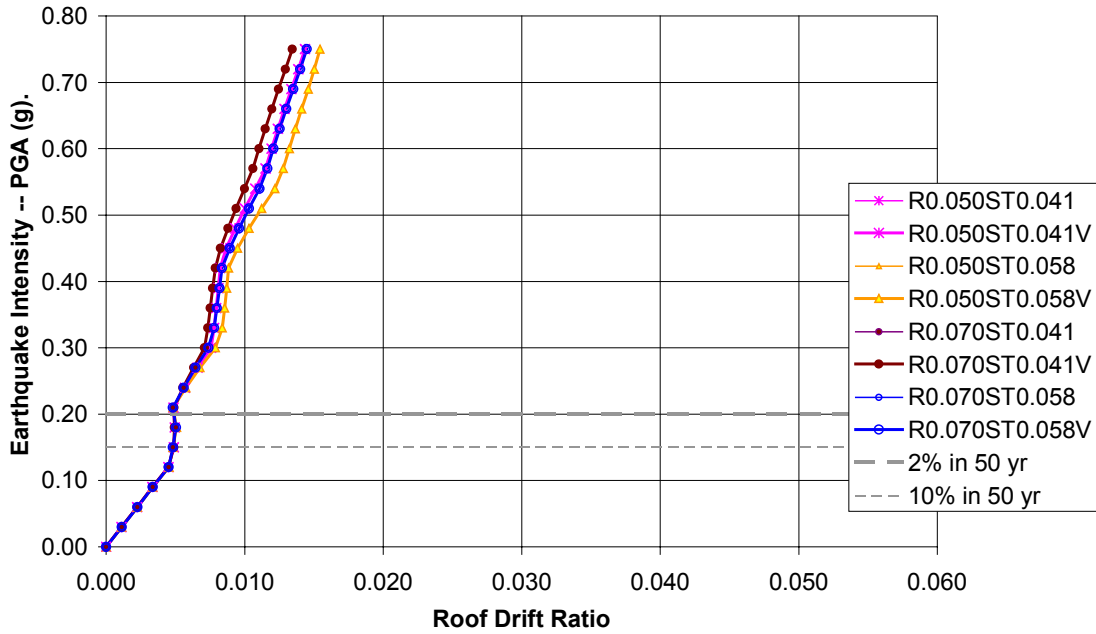


Figure D2.5.5.5c – Roof Drift Ratio of the Salt Lake City 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

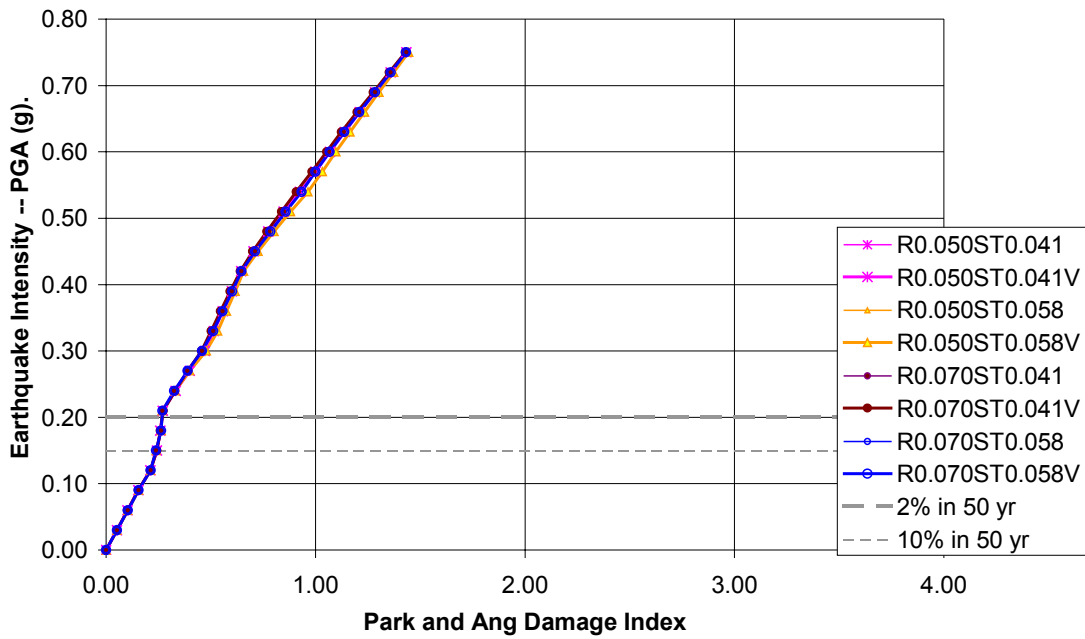


Figure D2.5.5.5d – Park and Ang Damage Indices of the Salt Lake City 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

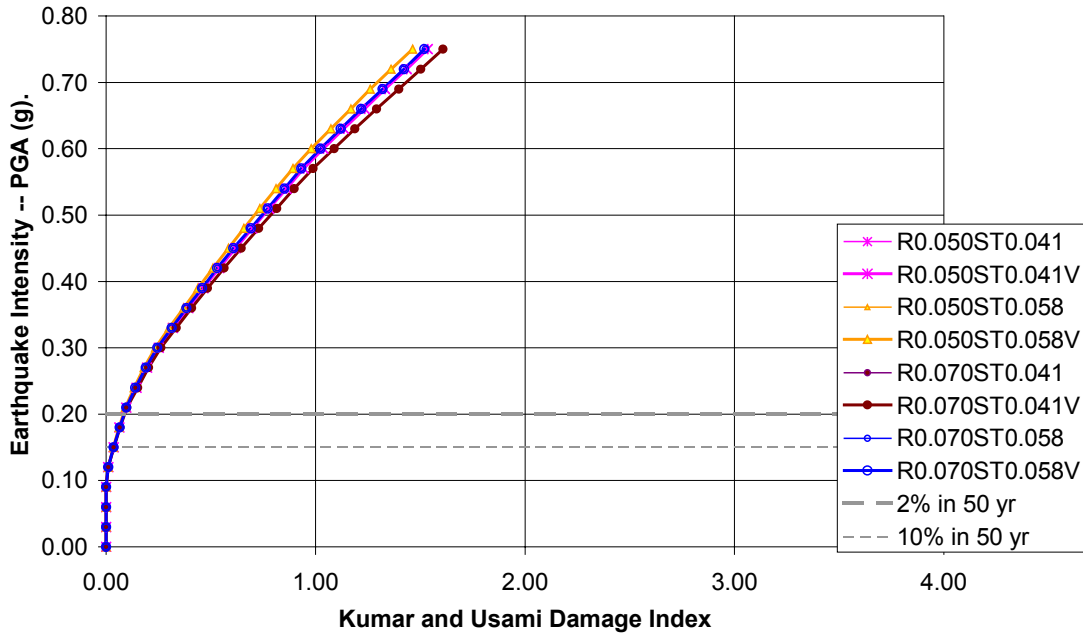


Figure D2.5.5.5e – Kumar and Usami Damage Indices of the Salt Lake City 5 Story Models Subjected to the Hollister Earthquake (EQ 5).

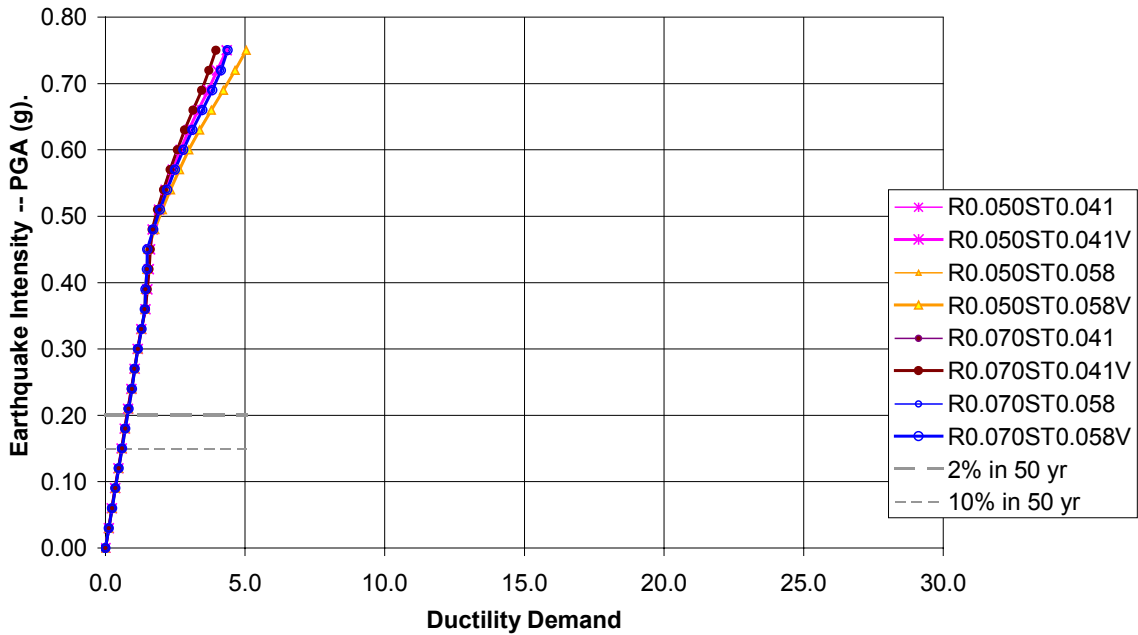


Figure D2.5.5.9a – Ductility Demands of the Salt Lake City 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

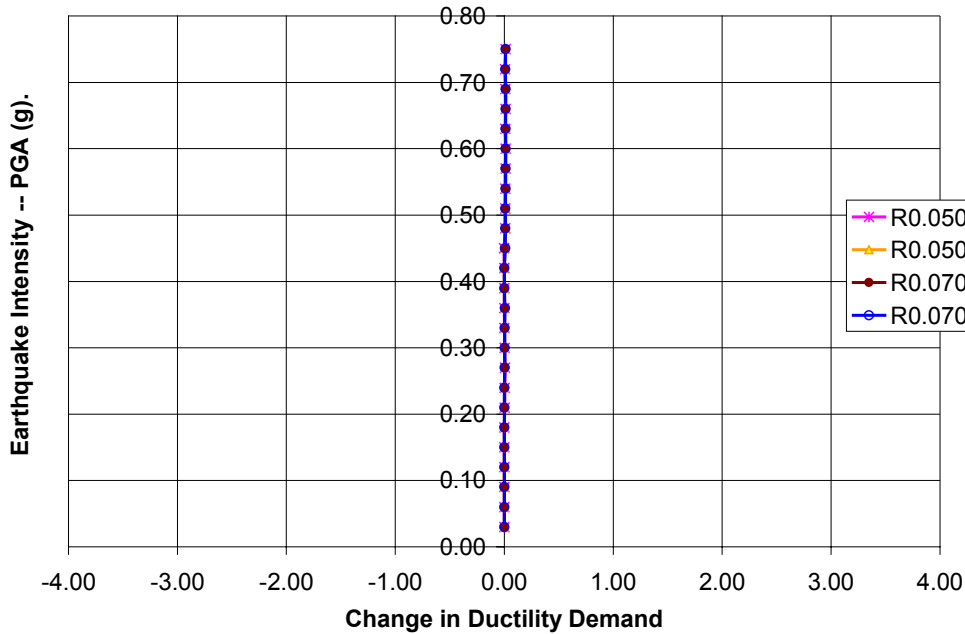


Figure D2.5.5.9b – Change in Ductility Demands Due to Vertical Accelerations for the Salt Lake City 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

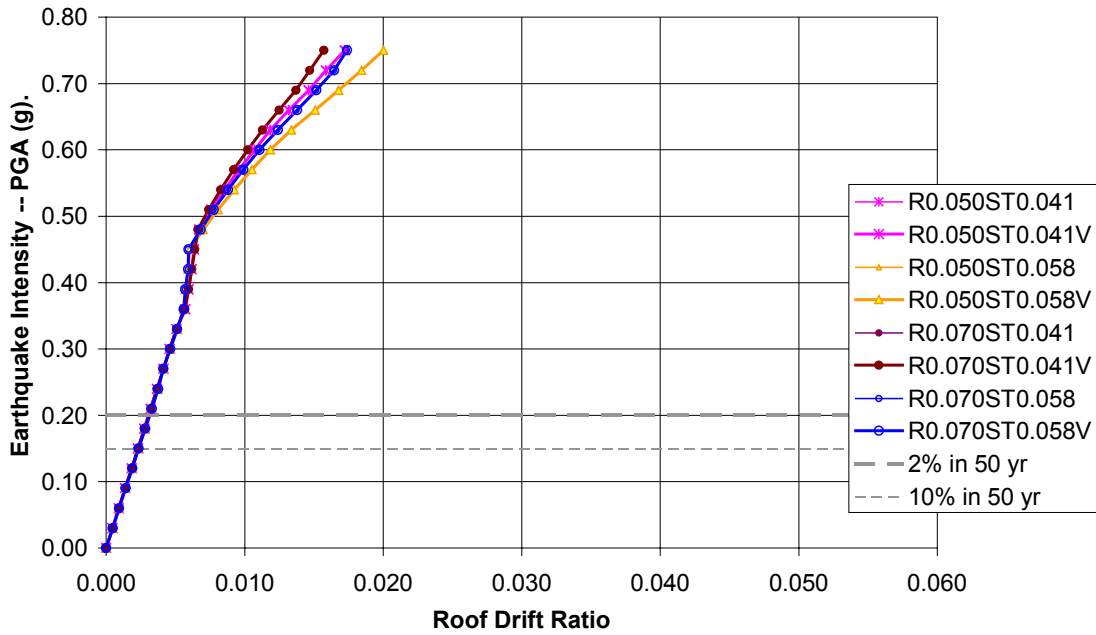


Figure D2.5.5.9c – Roof Drift Ratio of the Salt Lake City 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

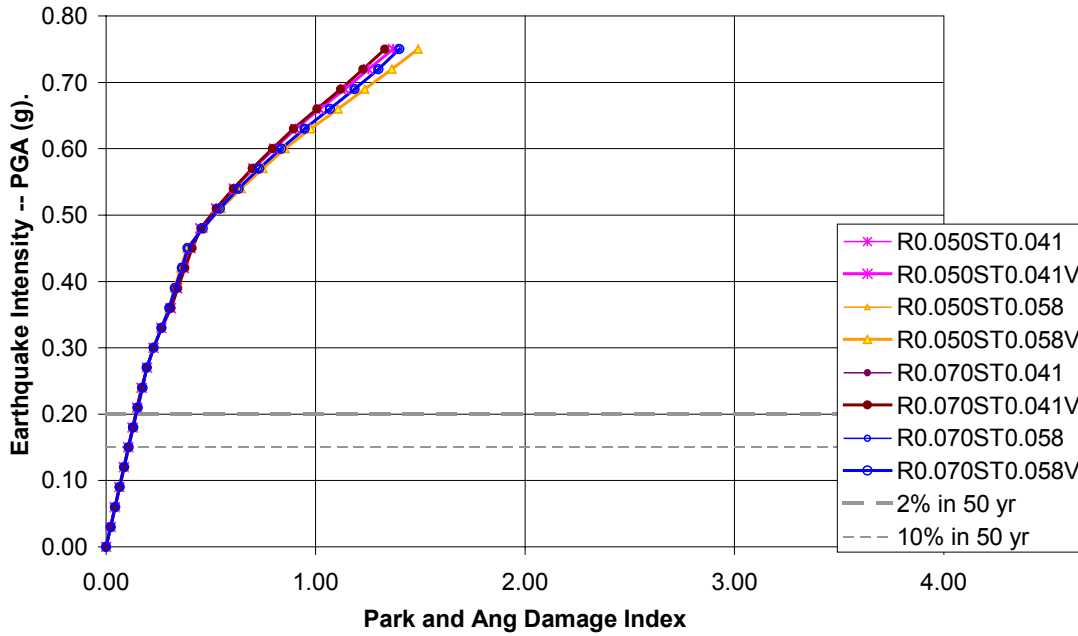


Figure D2.5.5.9d – Park and Ang Damage Indices of the Salt Lake City 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

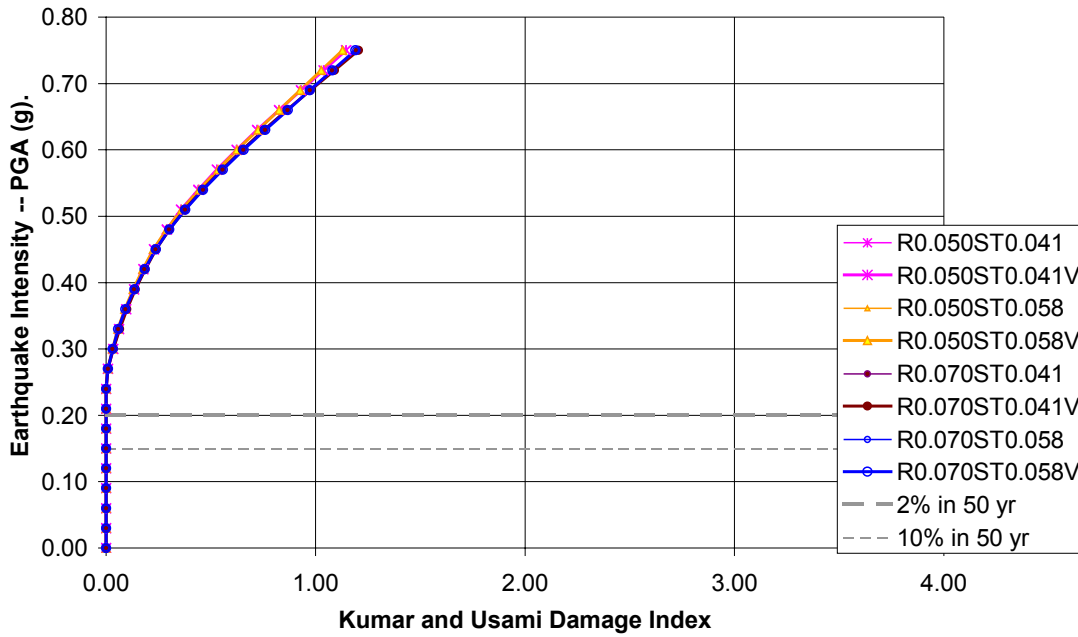


Figure D2.5.5.9e – Kumar and Usami Damage Indices of the Salt Lake City 5 Story Models Subjected to the Northridge Earthquake (EQ 9).

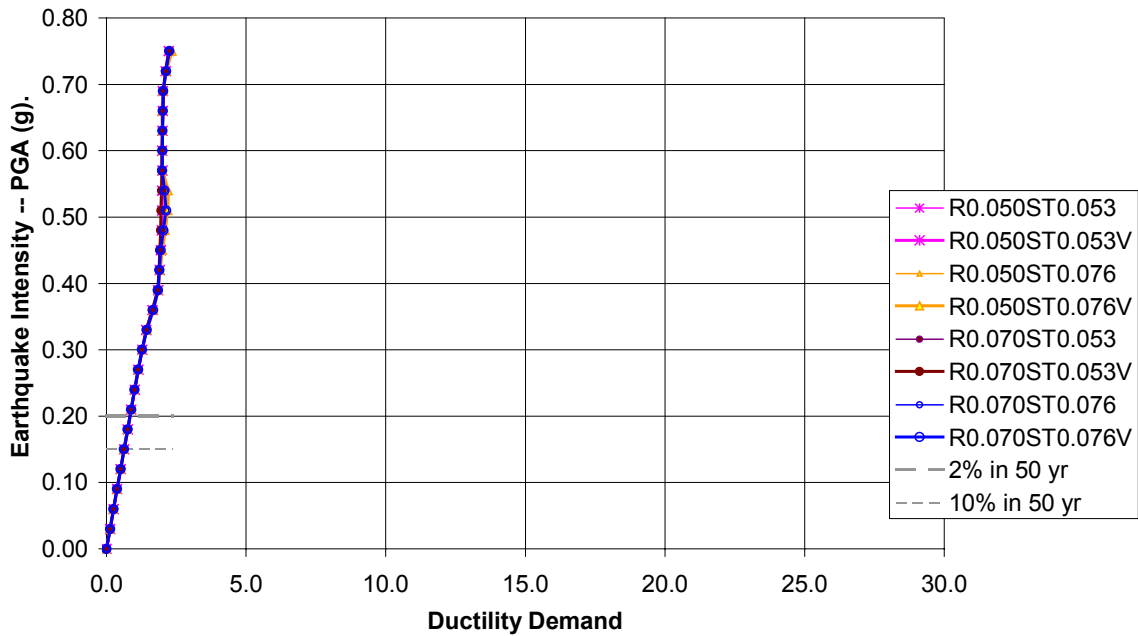


Figure D2.5.7.4a – Ductility Demands of the Salt Lake City 7 Story Models Subjected to the Taft Earthquake (EQ 4).

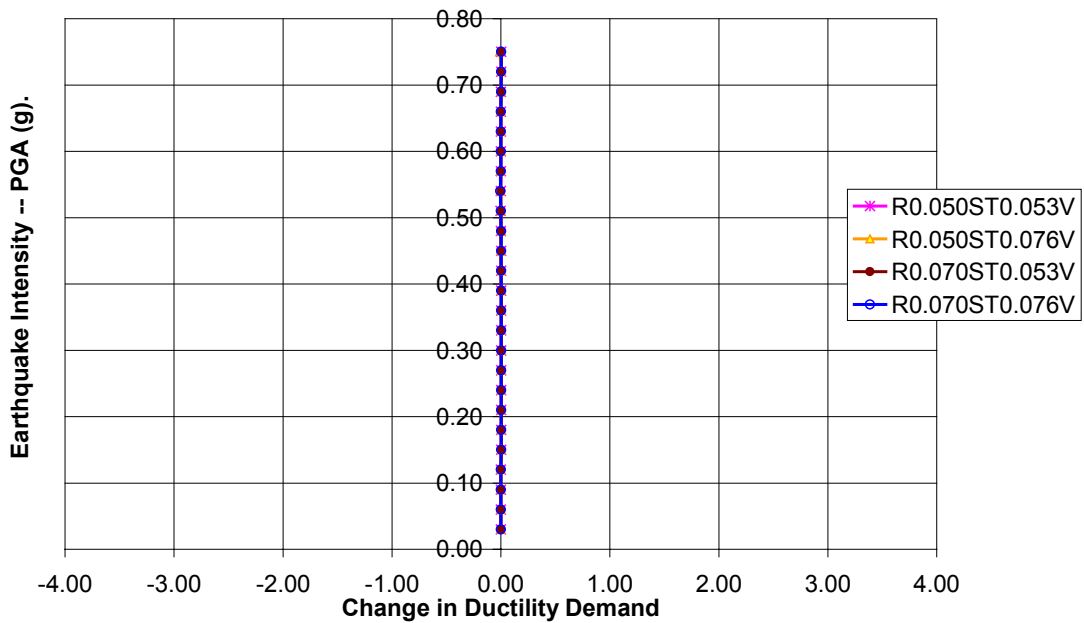


Figure D2.5.7.4b – Change in Ductility Demands Due to Vertical Accelerations for the Salt Lake City 7 Story Models Subjected to the Taft Earthquake (EQ 4).

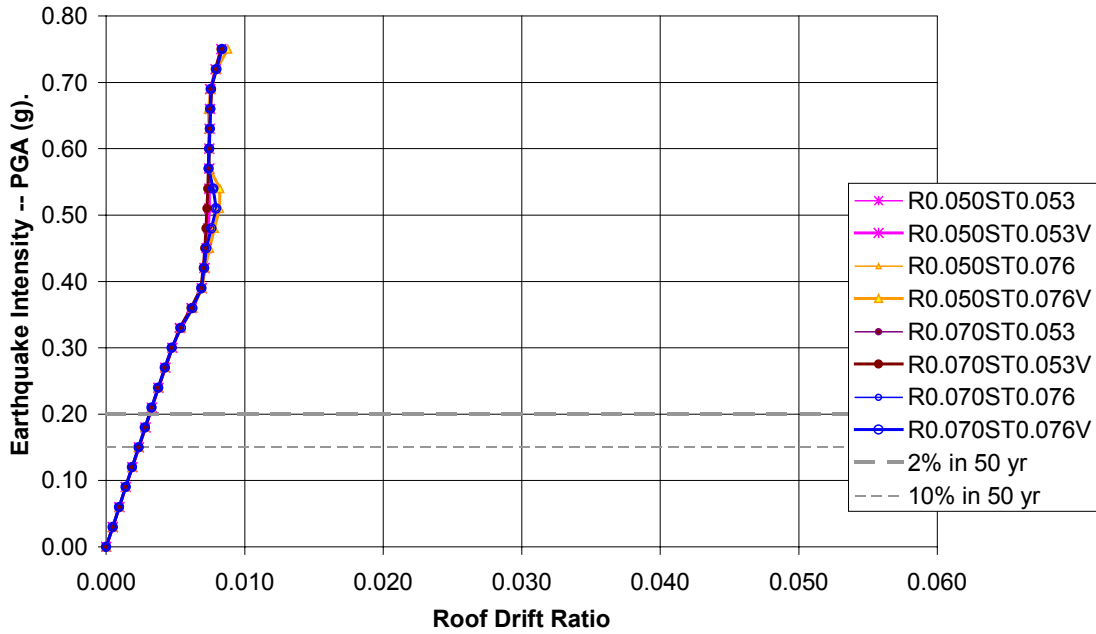


Figure D2.5.7.4c – Roof Drift Ratio of the Salt Lake City 7 Story Models Subjected to the Taft Earthquake (EQ 4).

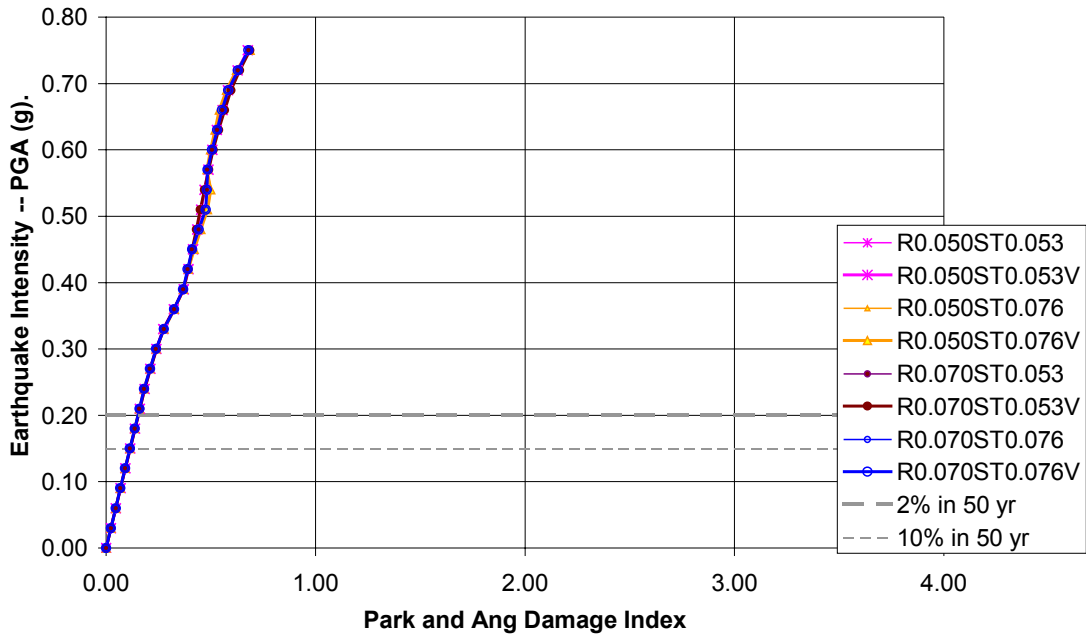


Figure D2.5.7.4d – Park and Ang Damage Indices of the Salt Lake City 7 Story Models Subjected to the Taft Earthquake (EQ 4).

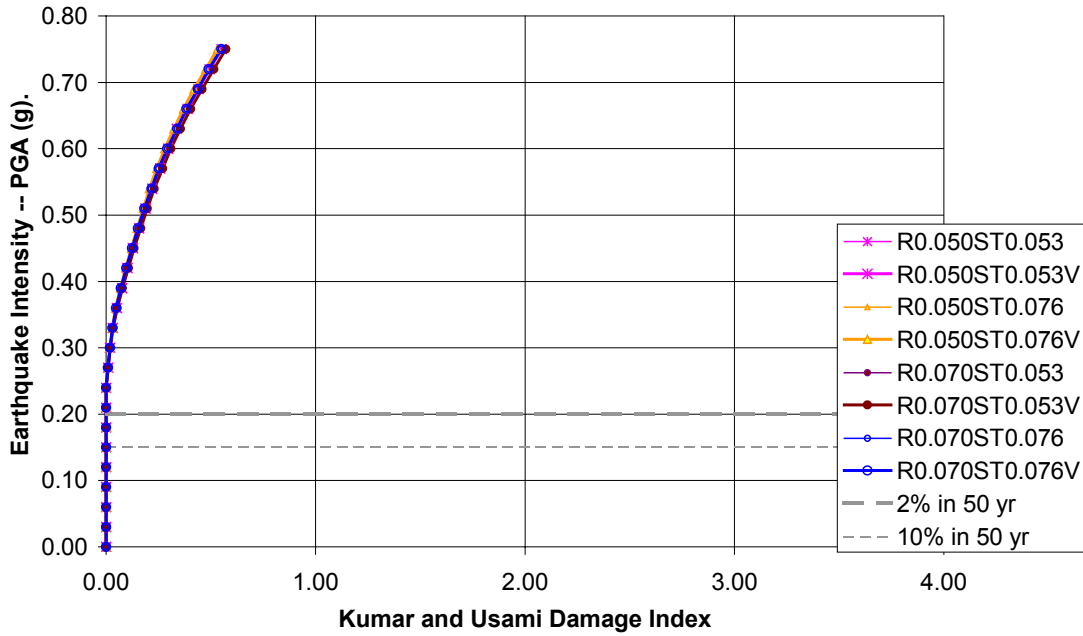


Figure D2.5.7.4e – Kumar and Usami Damage Indices of the Salt Lake City 7 Story Models Subjected to the Taft Earthquake (EQ 4).

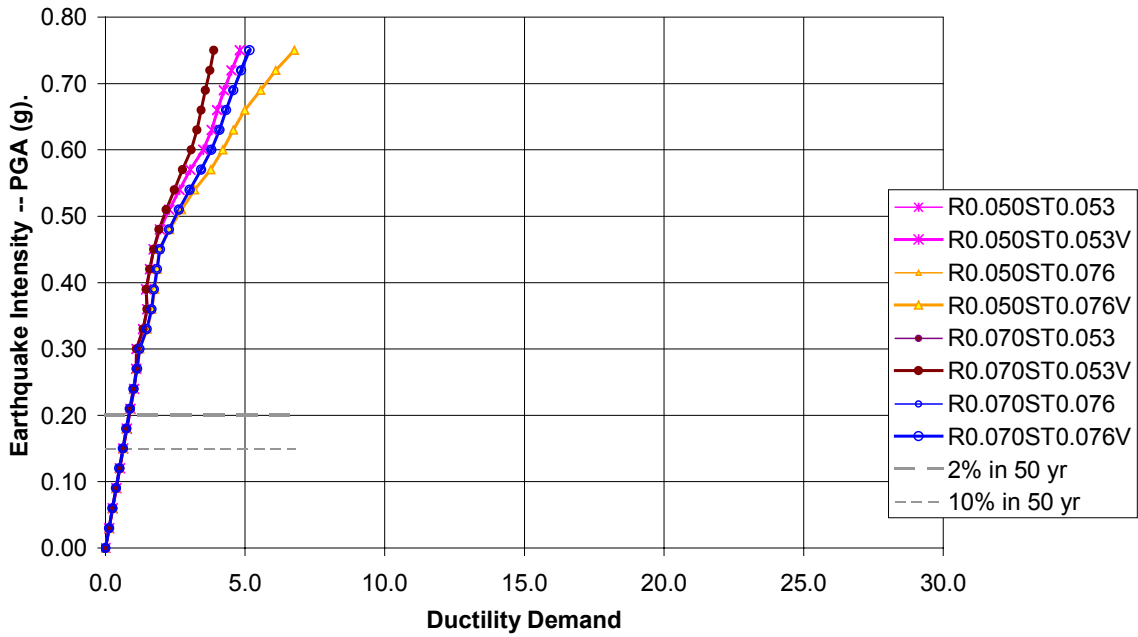


Figure D2.5.7.5a – Ductility Demands of the Salt Lake City 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

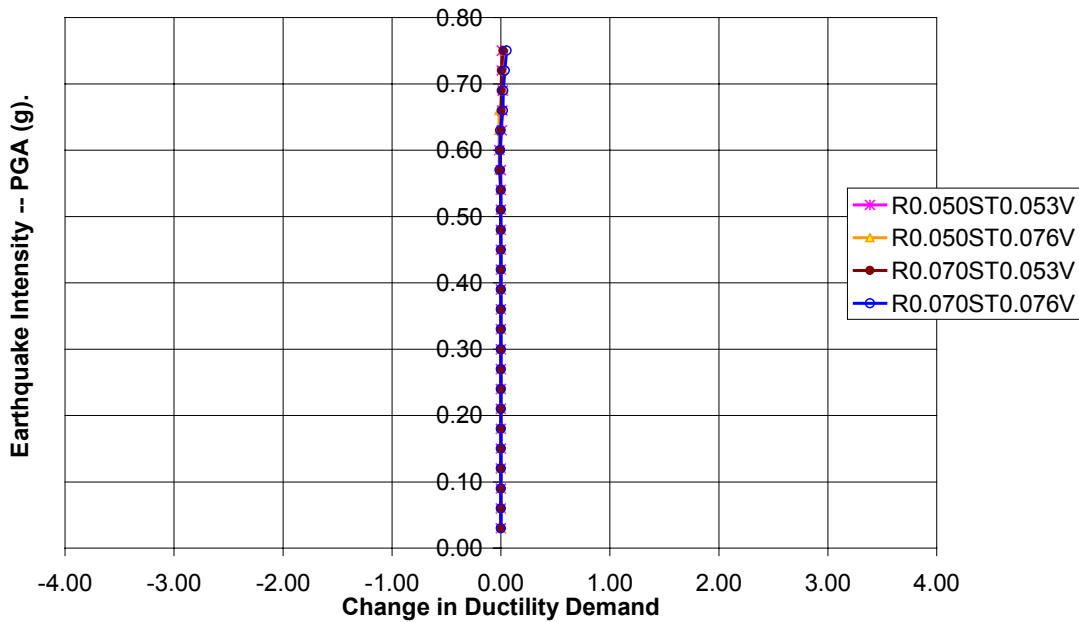


Figure D2.5.7.5b – Change in Ductility Demands Due to Vertical Accelerations for the Salt Lake City 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

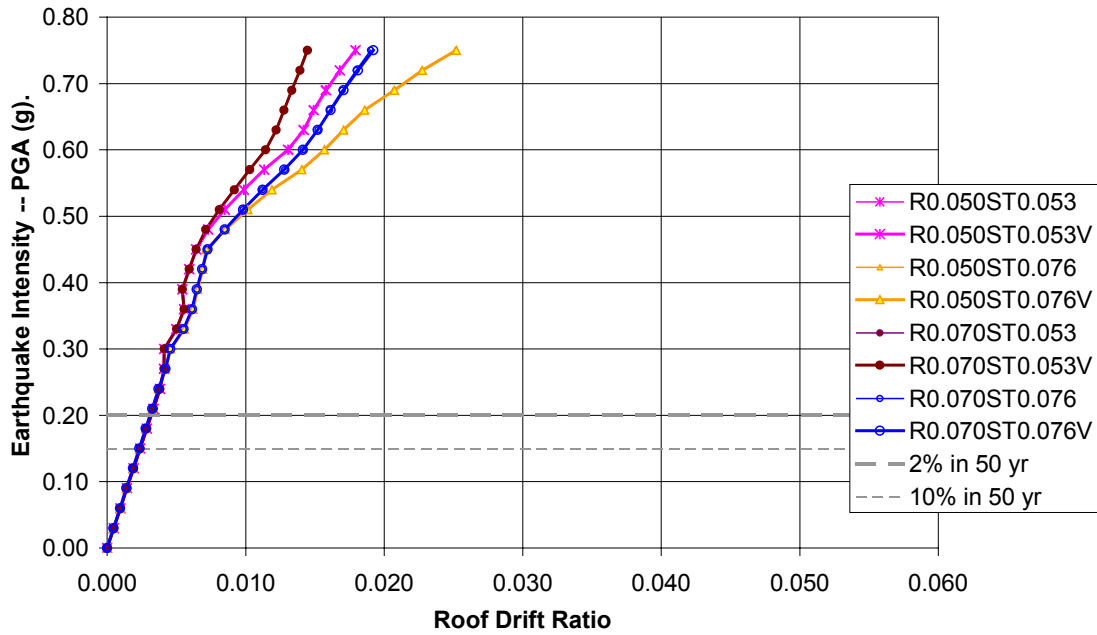


Figure D2.5.7.5c – Roof Drift Ratio of the Salt Lake City 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

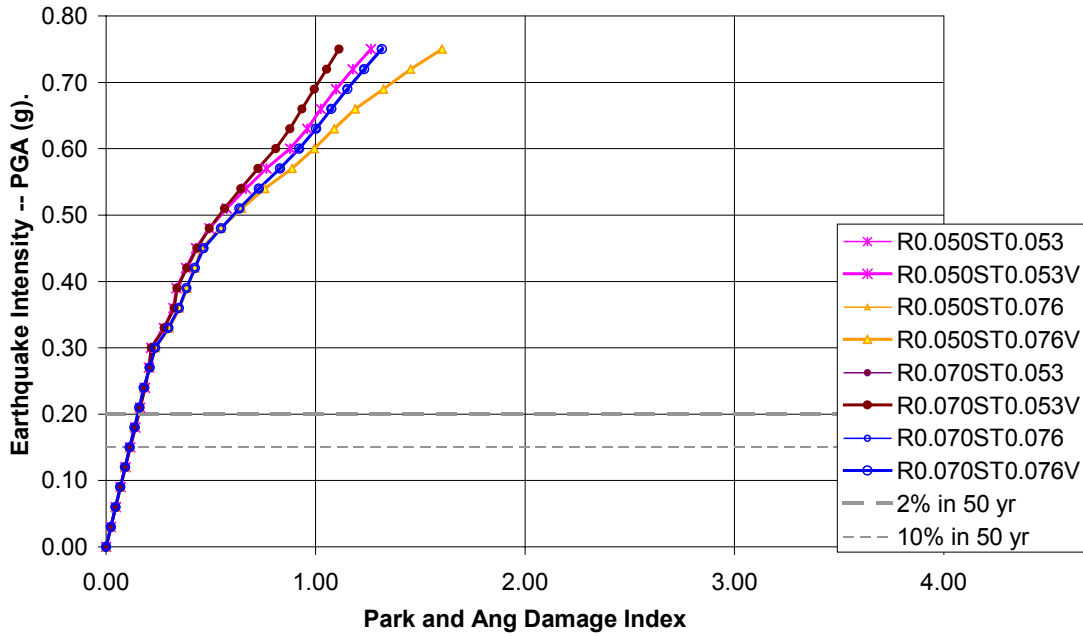


Figure D2.5.7.5d – Park and Ang Damage Indices of the Salt Lake City 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

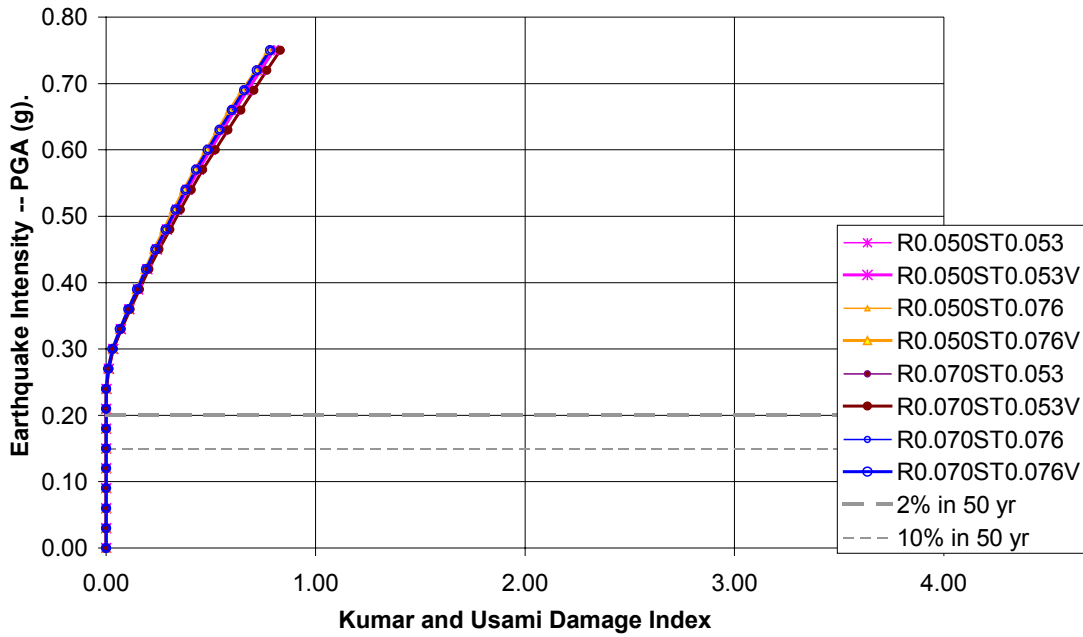


Figure D2.5.7.5e – Kumar and Usami Damage Indices of the Salt Lake City 7 Story Models Subjected to the Hollister Earthquake (EQ 5).

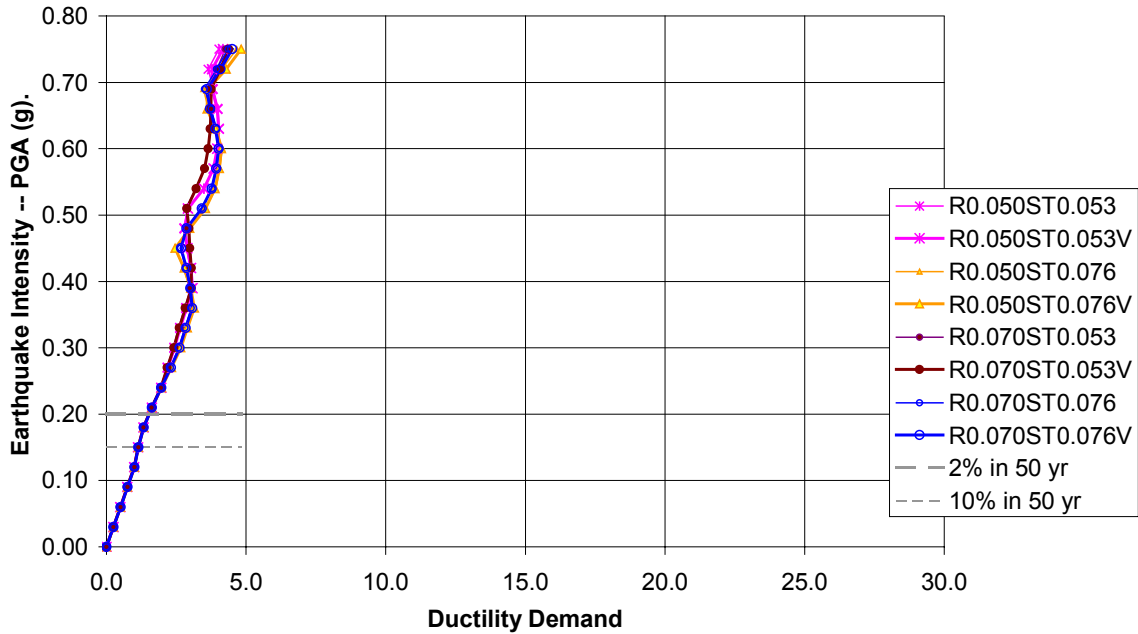


Figure D2.5.7.9a – Ductility Demands of the Salt Lake City 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

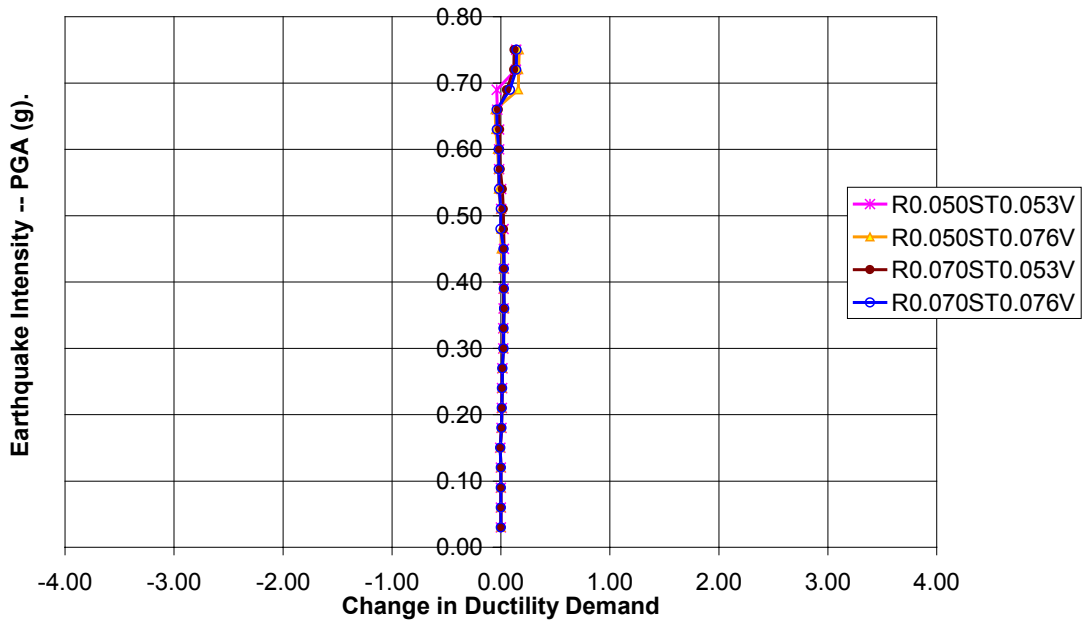


Figure D2.5.7.9b – Change in Ductility Demands Due to Vertical Accelerations for the Salt Lake City 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

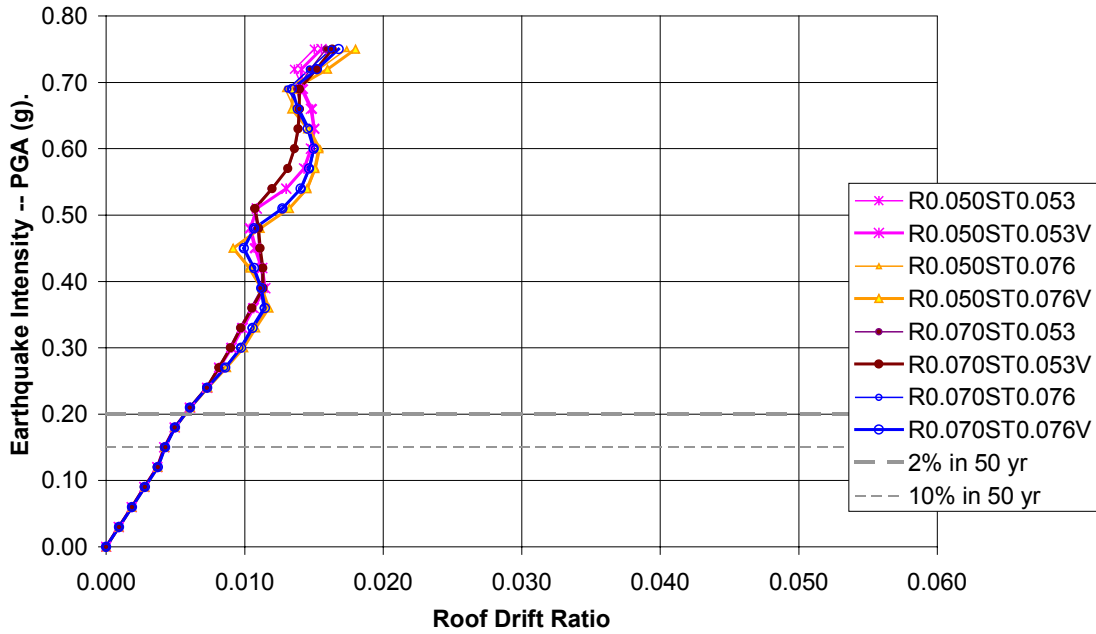


Figure D2.5.7.9c – Roof Drift Ratio of the Salt Lake City 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

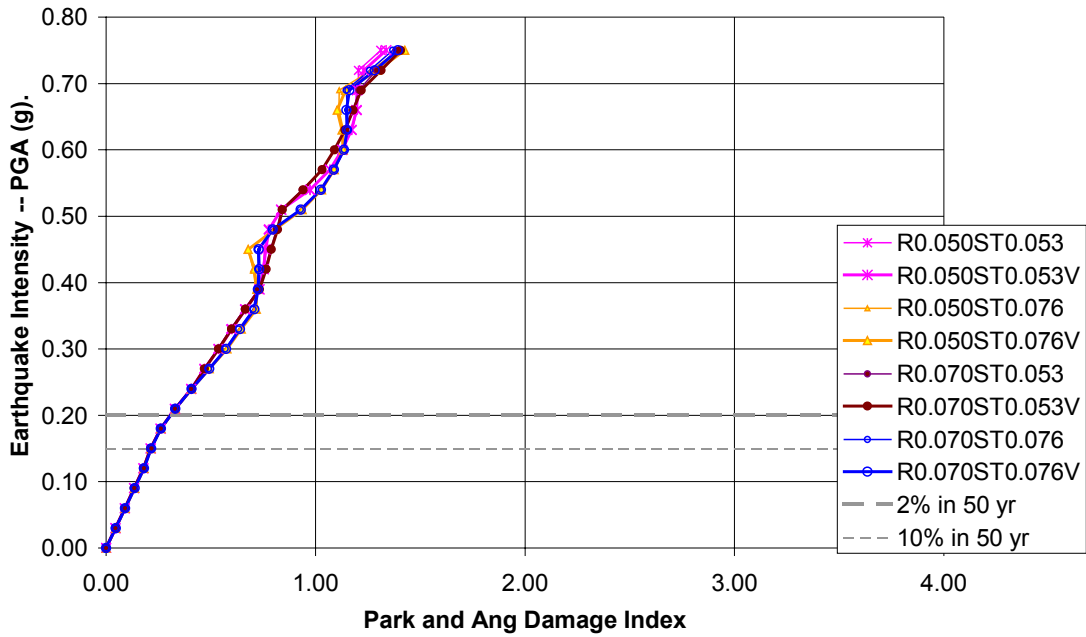


Figure D2.5.7.9d – Park and Ang Damage Indices of the Salt Lake City 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

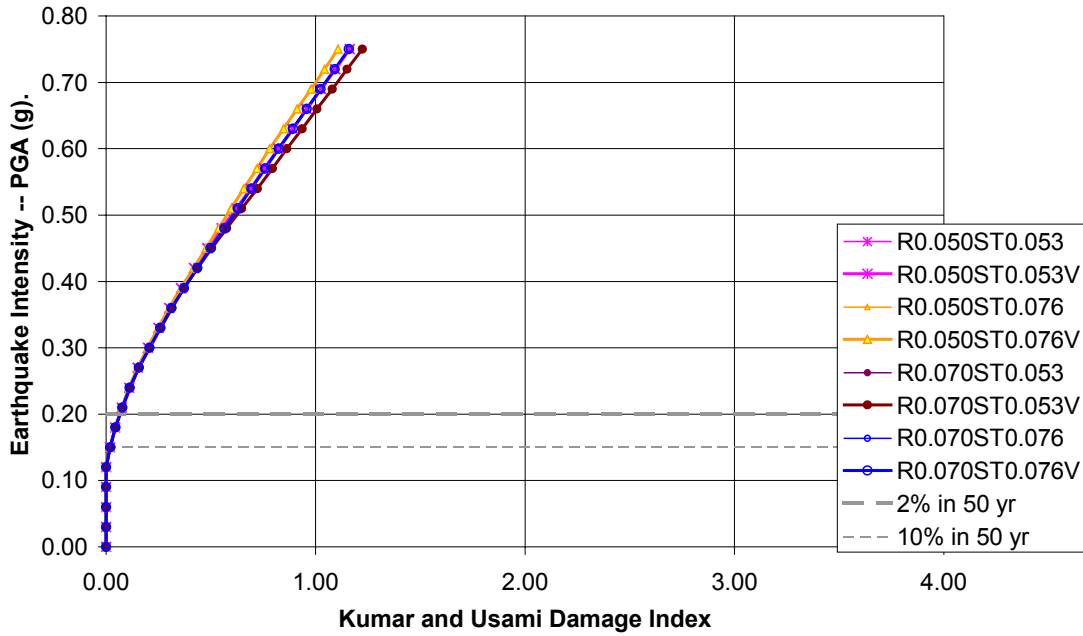


Figure D2.5.7.9e – Kumar and Usami Damage Indices of the Salt Lake City 7 Story Models Subjected to the Northridge Earthquake (EQ 9).

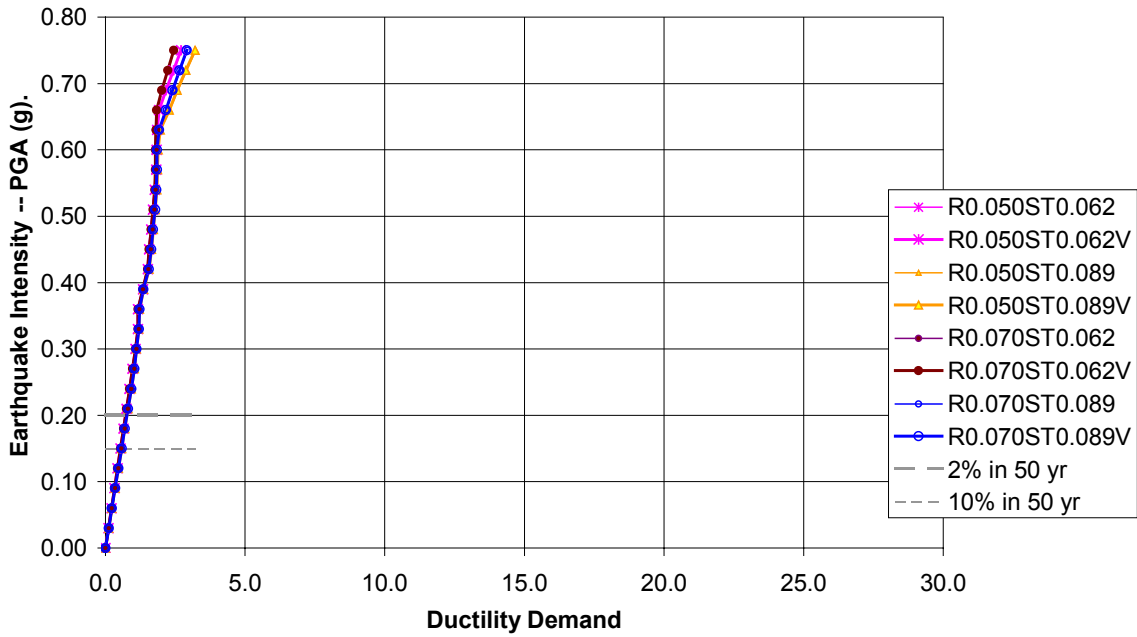


Figure D2.5.9.4a – Ductility Demands of the Salt Lake City 9 Story Models Subjected to the Taft Earthquake (EQ 4).

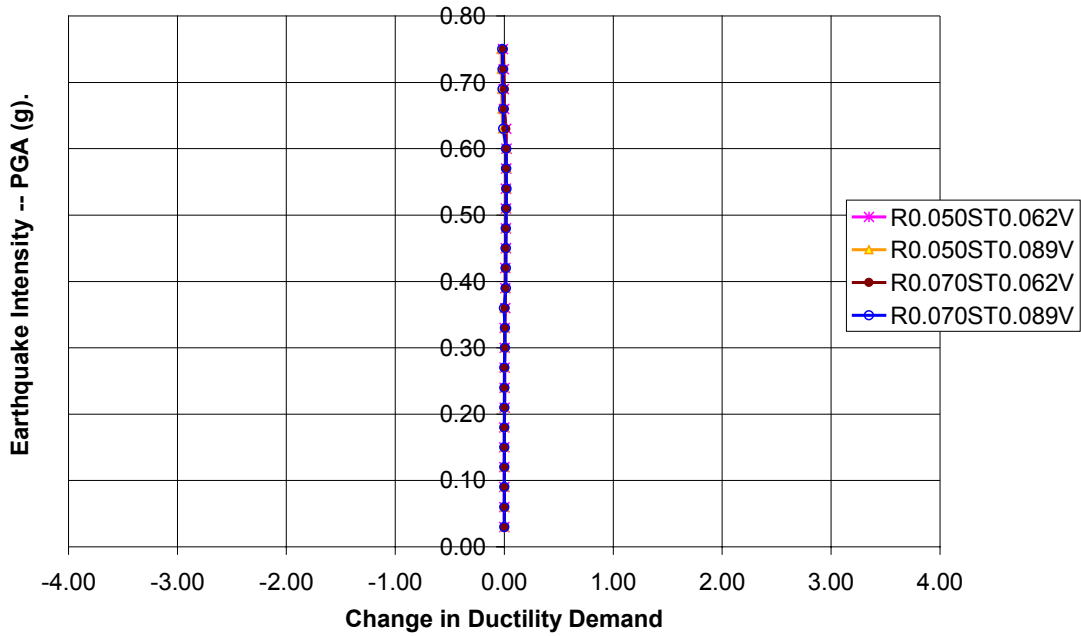


Figure D2.5.9.4b – Change in Ductility Demands Due to Vertical Accelerations for the Salt Lake City 9 Story Models Subjected to the Taft Earthquake (EQ 4).

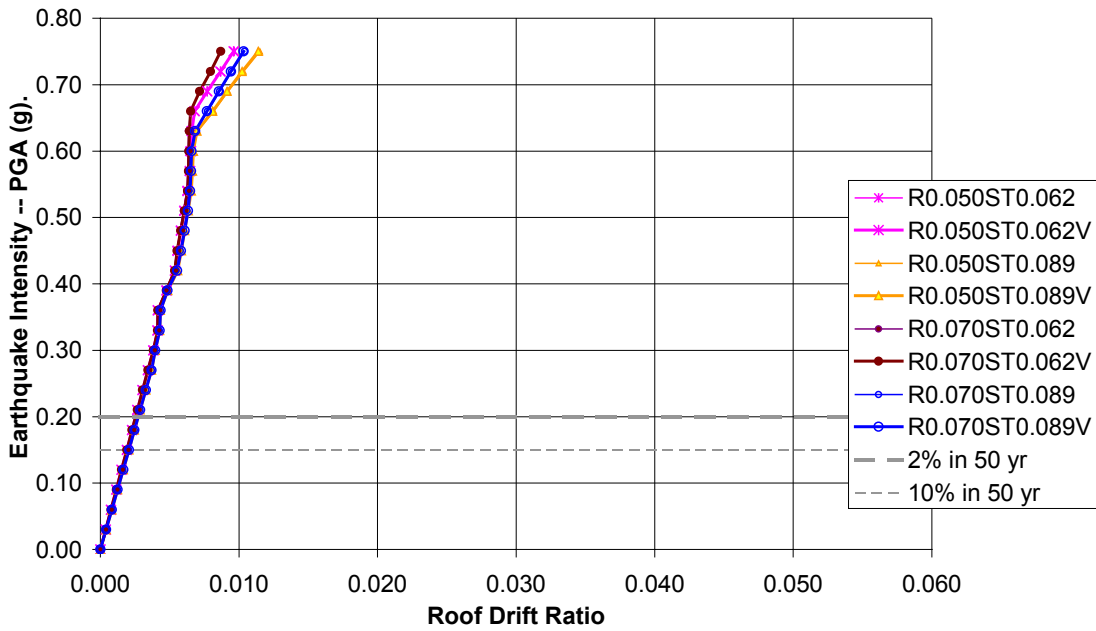


Figure D2.5.9.4c – Roof Drift Ratio of the Salt Lake City 9 Story Models Subjected to the Taft Earthquake (EQ 4).

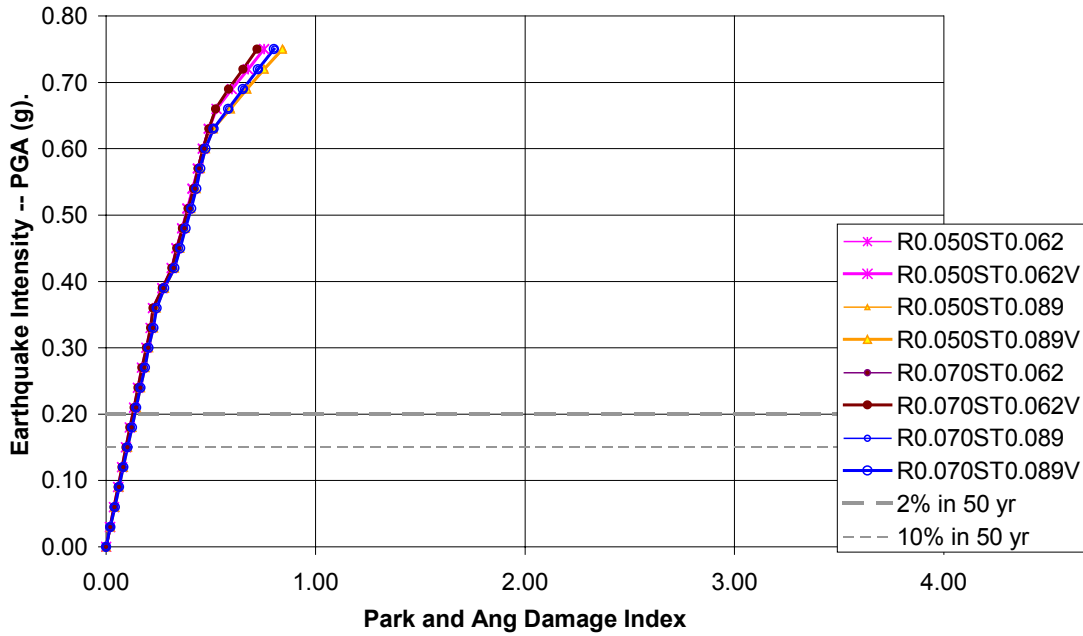


Figure D2.5.9.4d – Park and Ang Damage Indices of the Salt Lake City 9 Story Models Subjected to the Taft Earthquake (EQ 4).

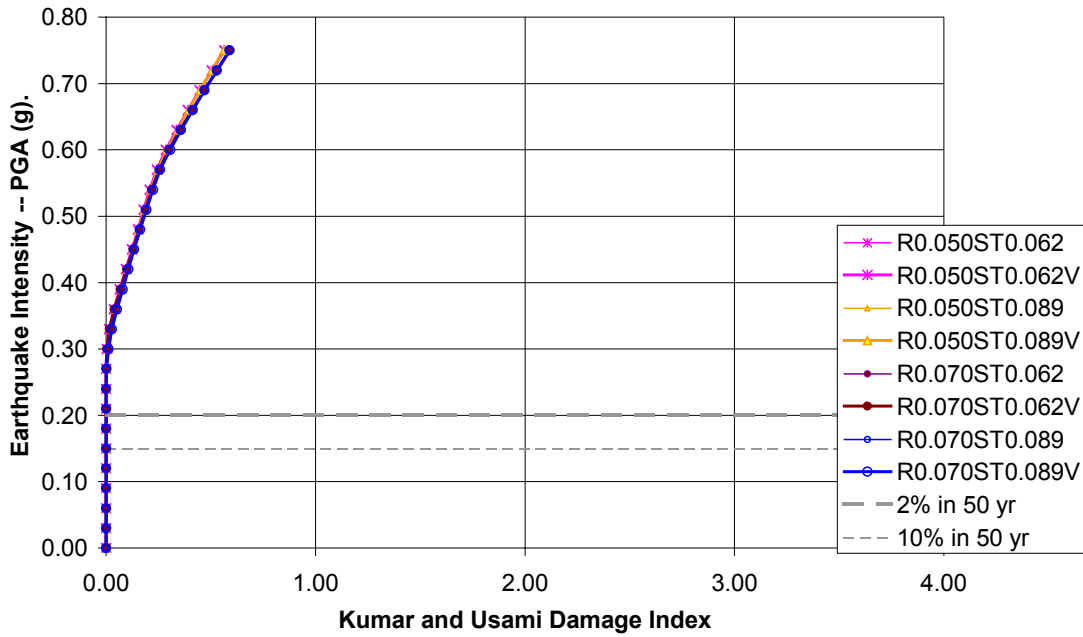


Figure D2.5.9.4e – Kumar and Usami Damage Indices of the Salt Lake City 9 Story Models Subjected to the Taft Earthquake (EQ 4).

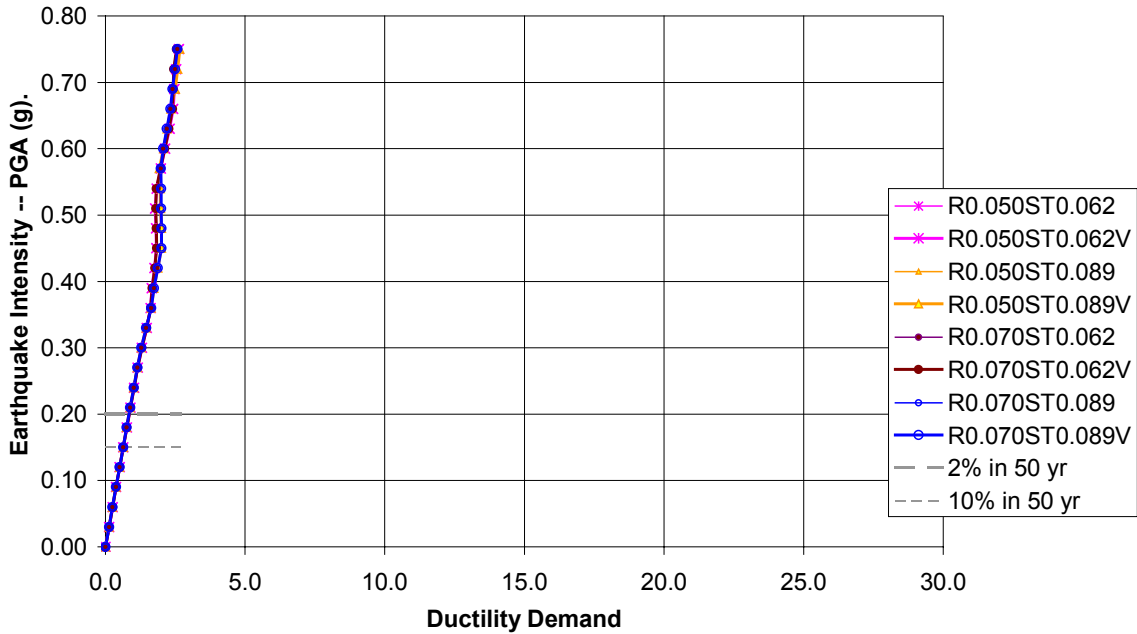


Figure D2.5.9.5a – Ductility Demands of the Salt Lake City 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

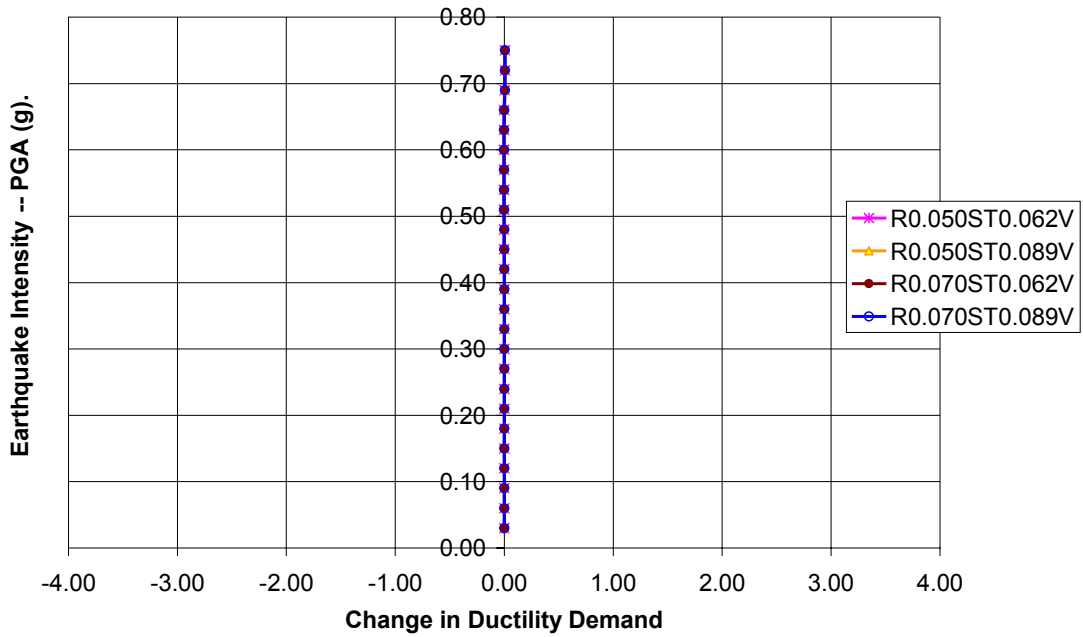


Figure D2.5.9.5b – Change in Ductility Demands Due to Vertical Accelerations for the Salt Lake City 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

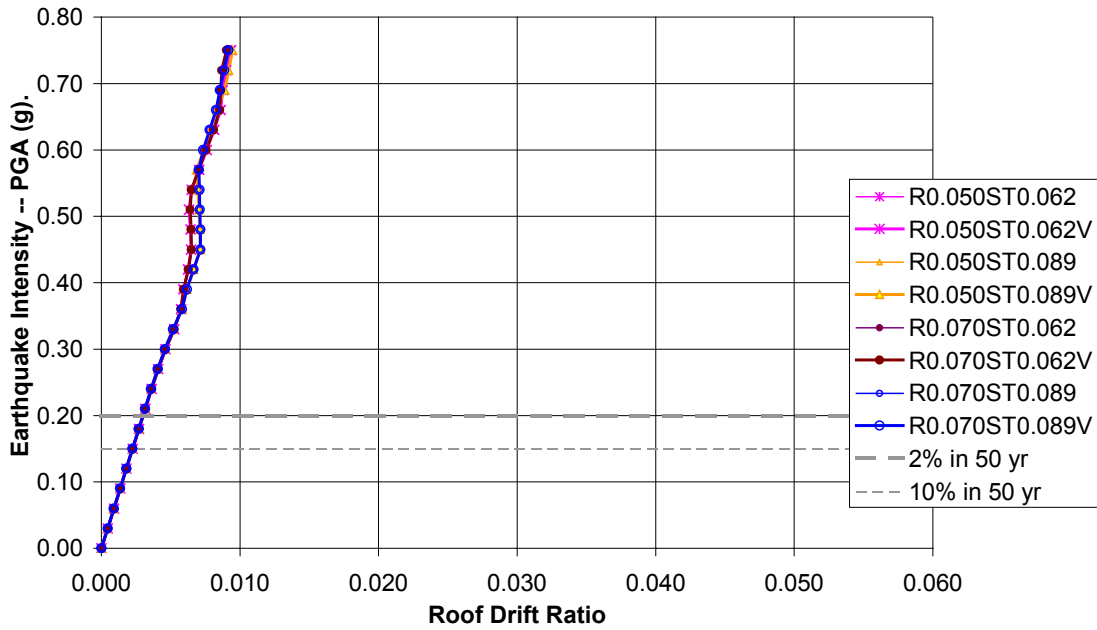


Figure D2.5.9.5c – Roof Drift Ratio of the Salt Lake City 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

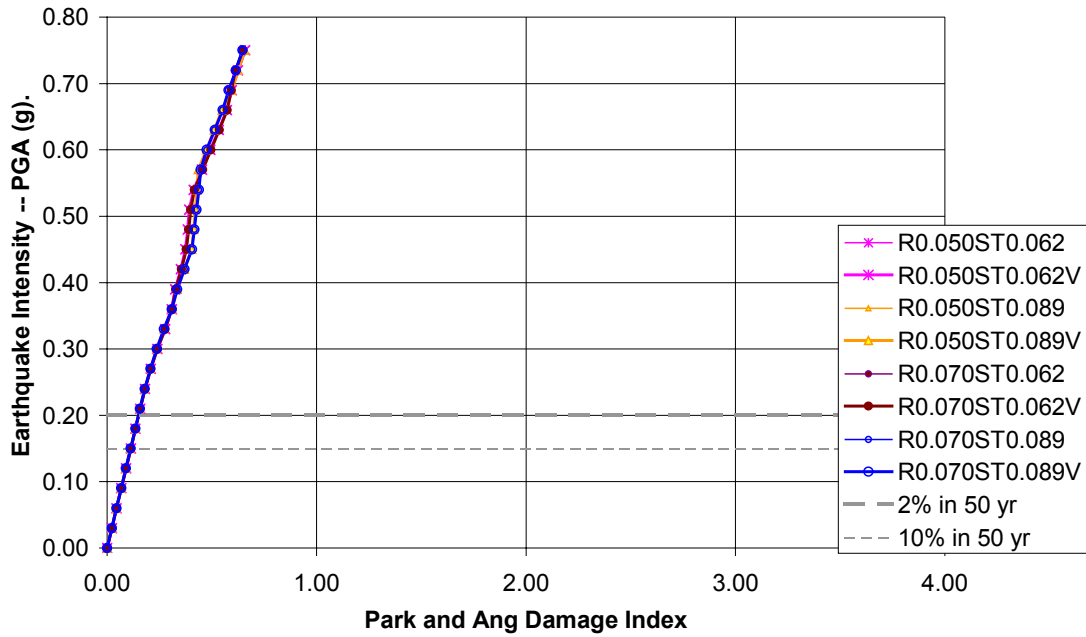


Figure D2.5.9.5d – Park and Ang Damage Indices of the Salt Lake City 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

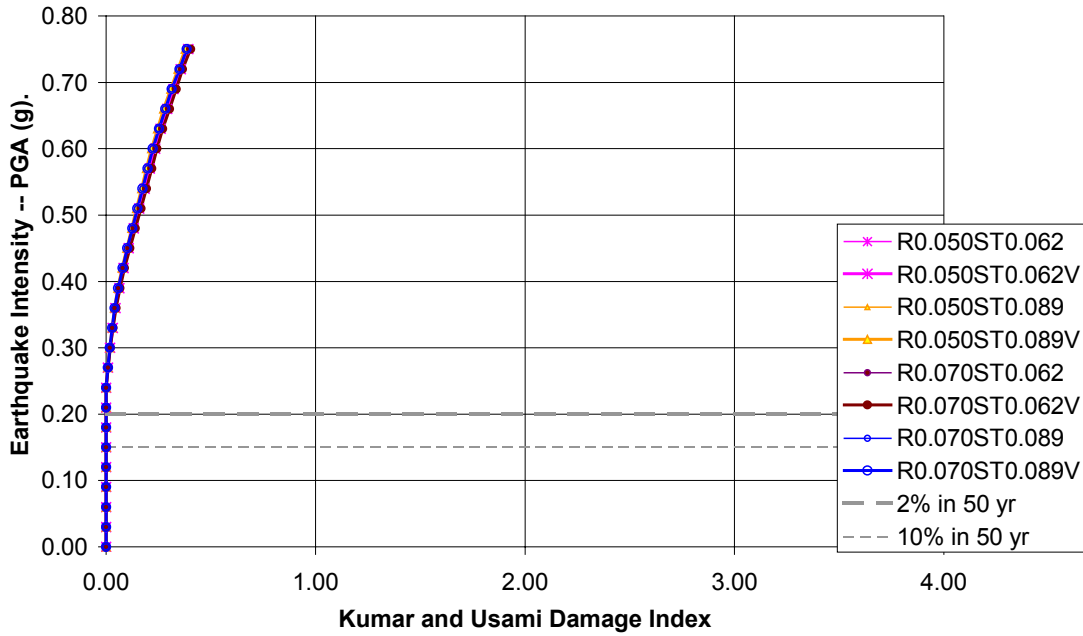


Figure D2.5.9.5e – Kumar and Usami Damage Indices of the Salt Lake City 9 Story Models Subjected to the Hollister Earthquake (EQ 5).

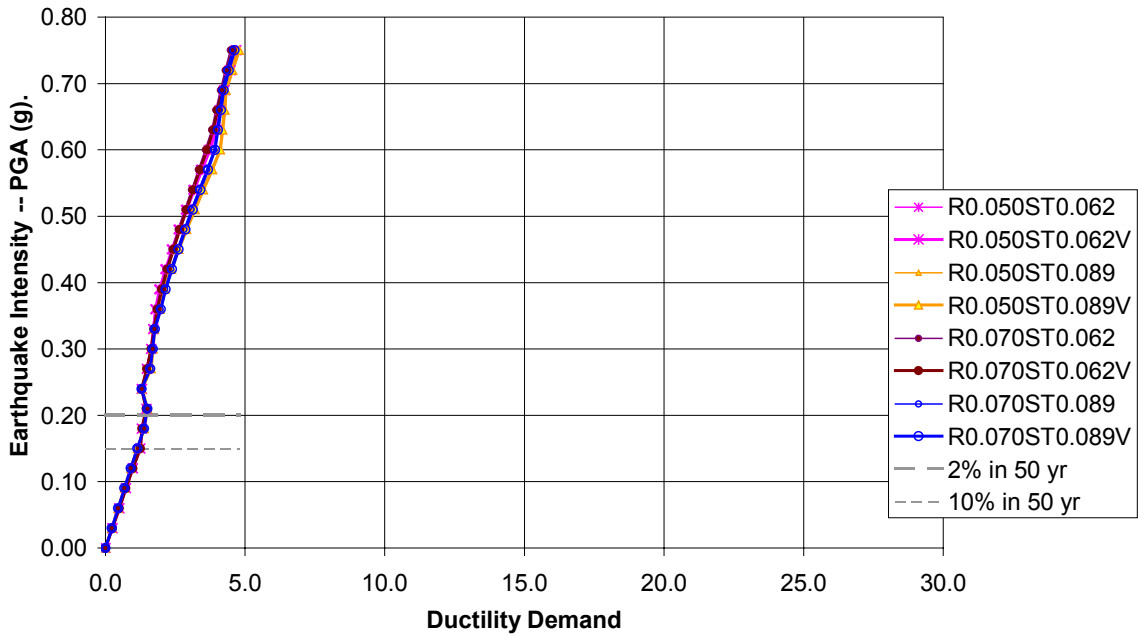


Figure D2.5.9.9a – Ductility Demands of the Salt Lake City 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

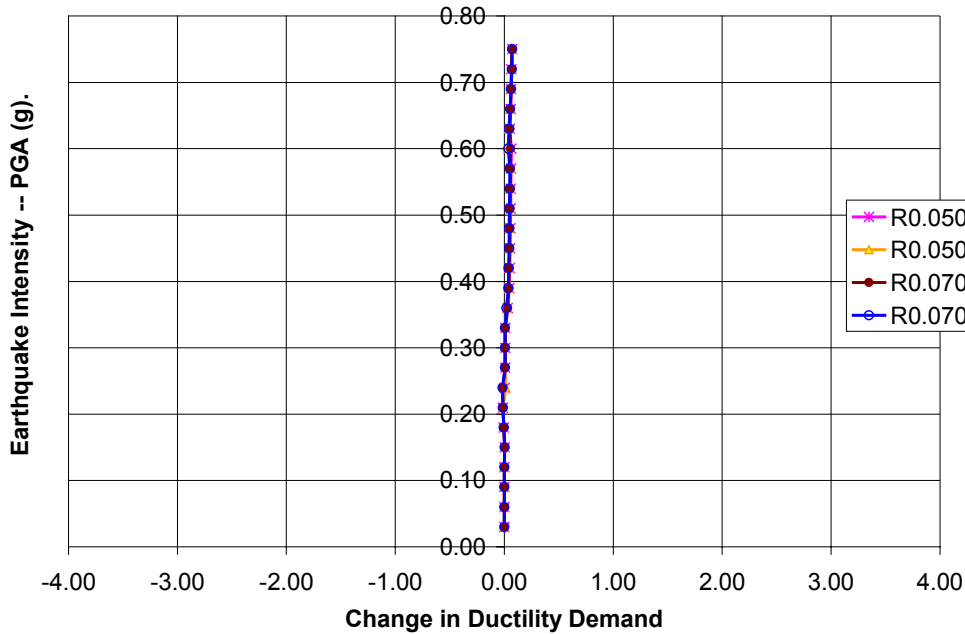


Figure D2.5.9.9b – Change in Ductility Demands Due to Vertical Accelerations for the Salt Lake City 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

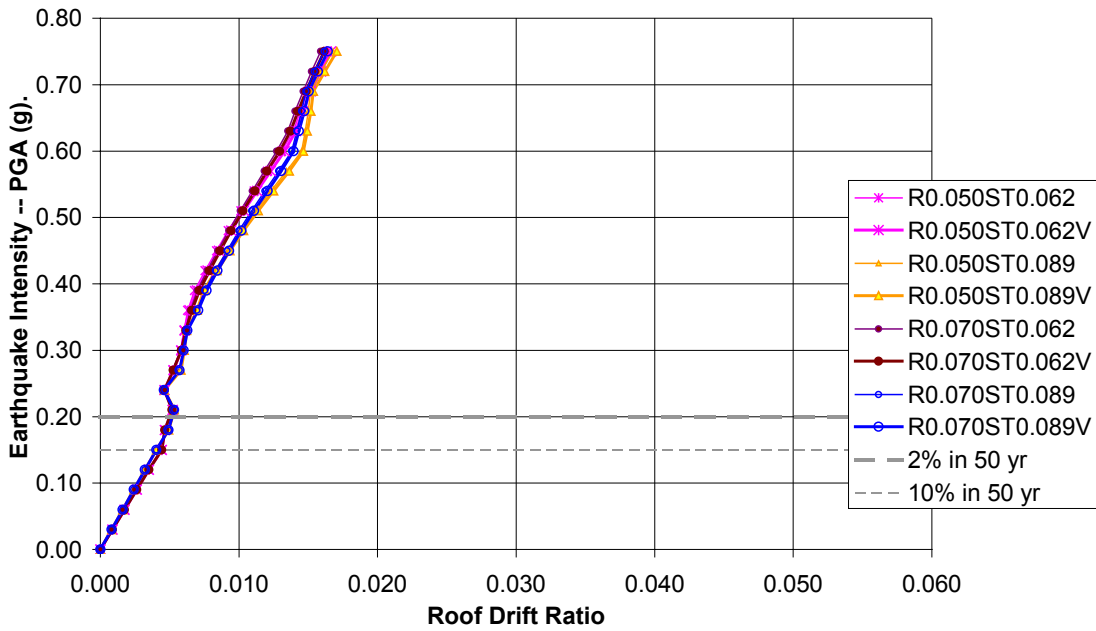


Figure D2.5.9.9c – Roof Drift Ratio of the Salt Lake City 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

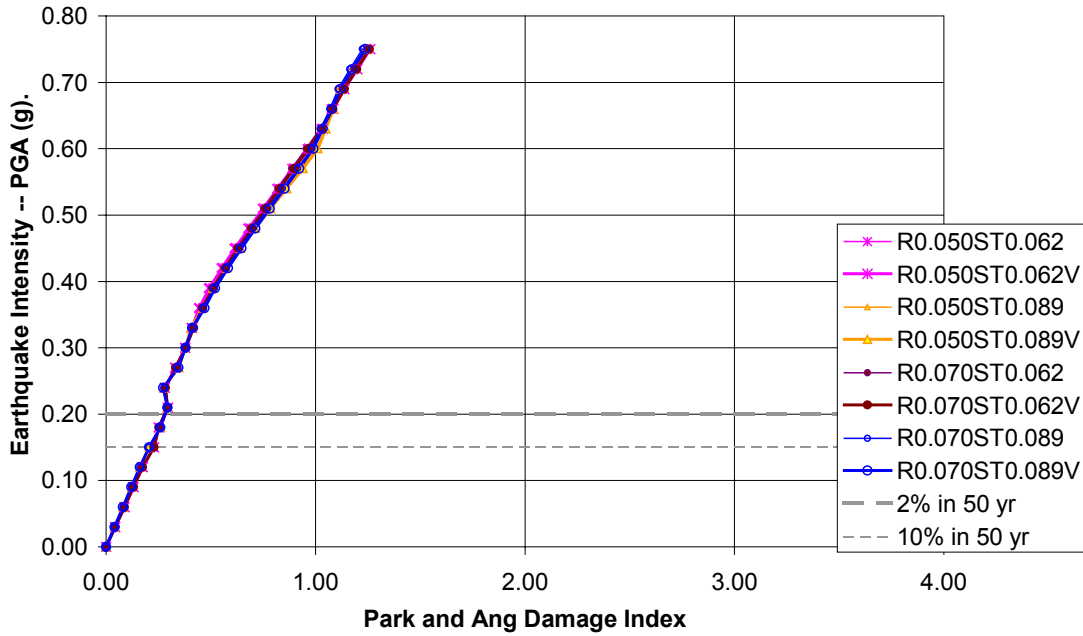


Figure D2.5.9.9d – Park and Ang Damage Indices of the Salt Lake City 9 Story Models Subjected to the Northridge Earthquake (EQ 9).

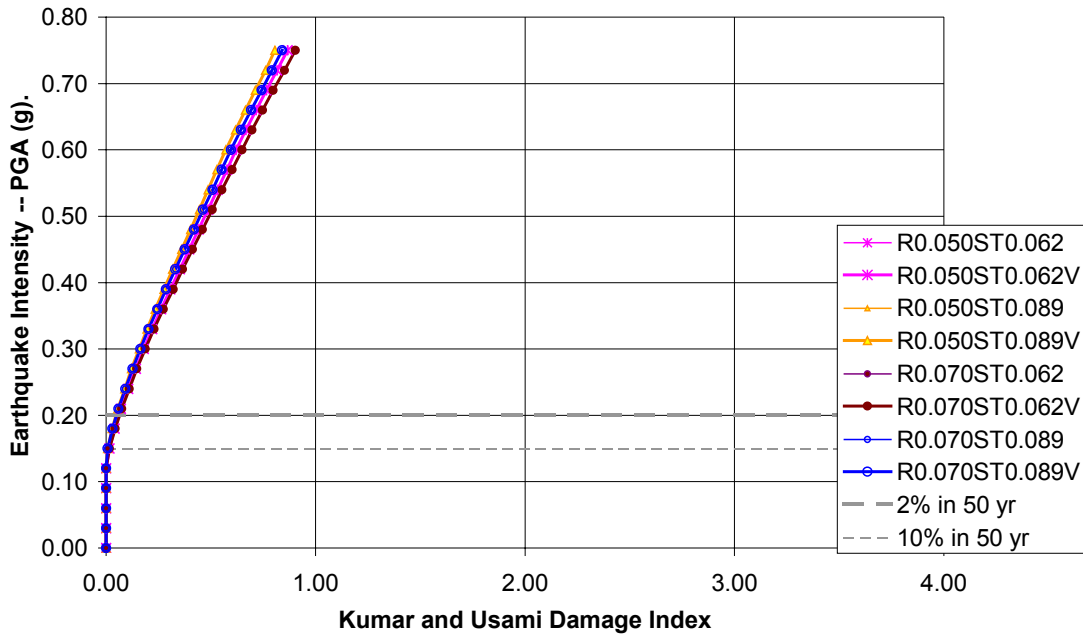


Figure D2.5.9.9e – Kumar and Usami Damage Indices of the Salt Lake City 9 Story Models Subjected to the Northridge Earthquake (EQ 9).