





- The results of nonlinear response history analyses are very sensitive to the suite of input ground motions.
- There is currently no consensus as to the best method, thus the choice is largely subjective.
- Selection based on <u>seismological principles only</u> leads to large variability of results.
- There are two solutions to this problem:
 - > Perform a high end analysis that uses more records
 - Be smarter about picking records

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