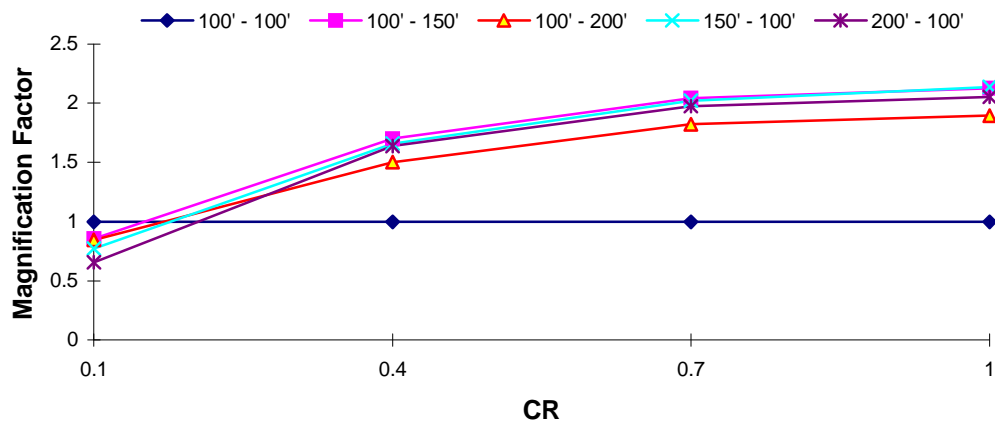
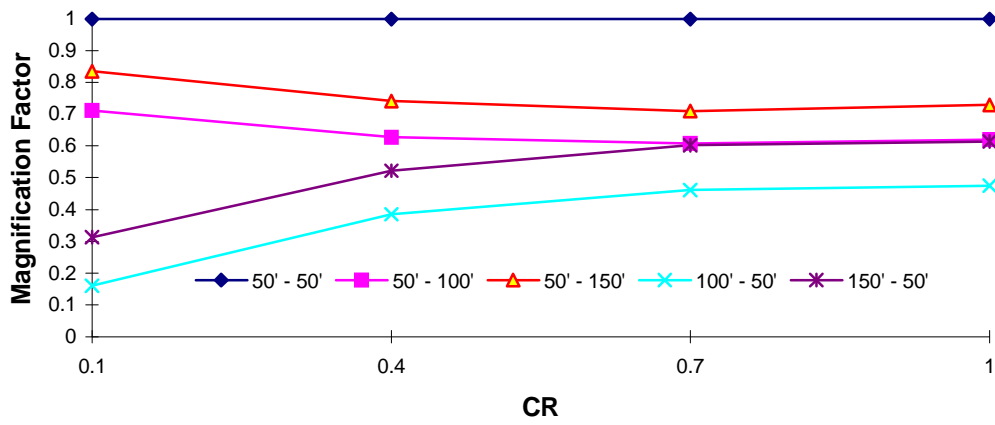
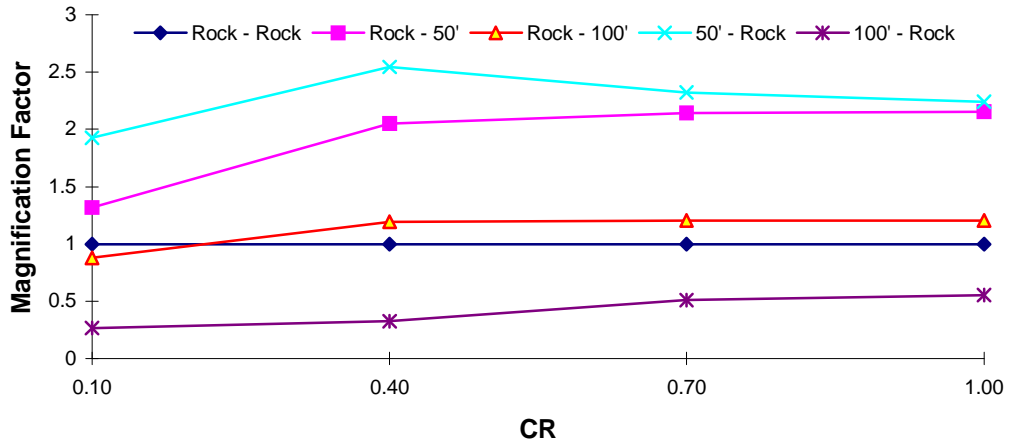
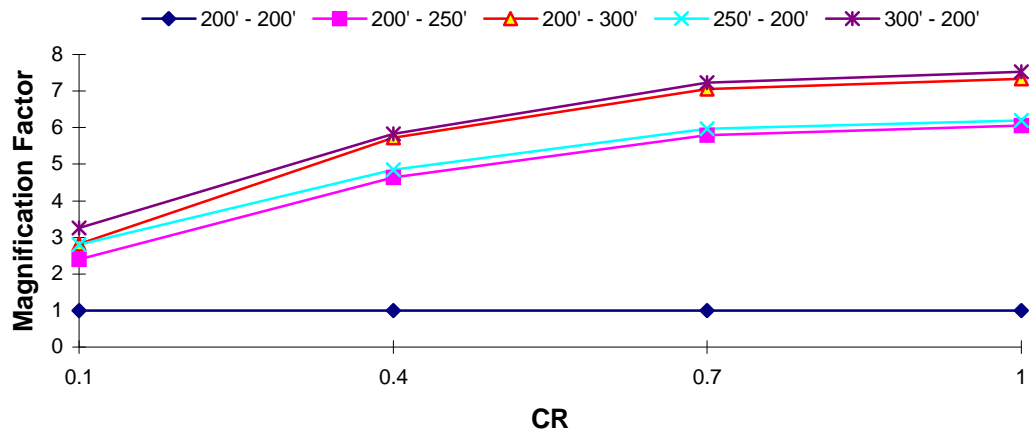
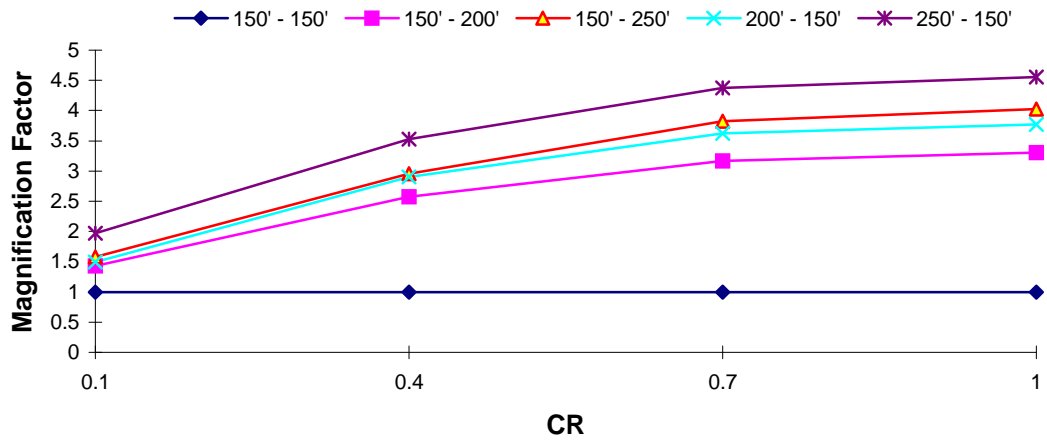


APPENDIX A1 – MAGNIFICATION FACTORS

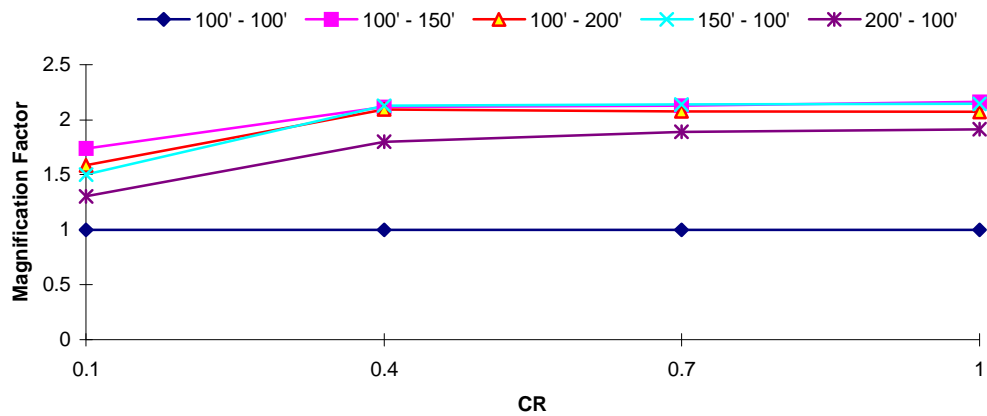
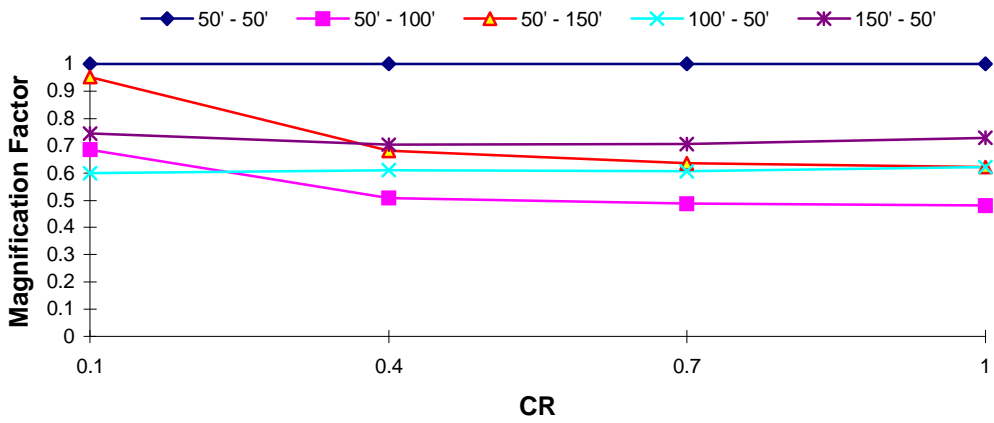
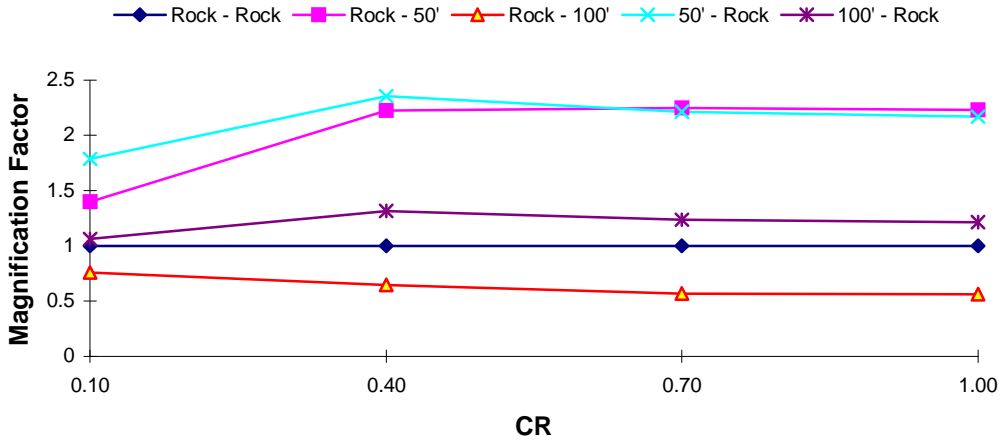
$T_1 = 0.5 \text{ sec}$



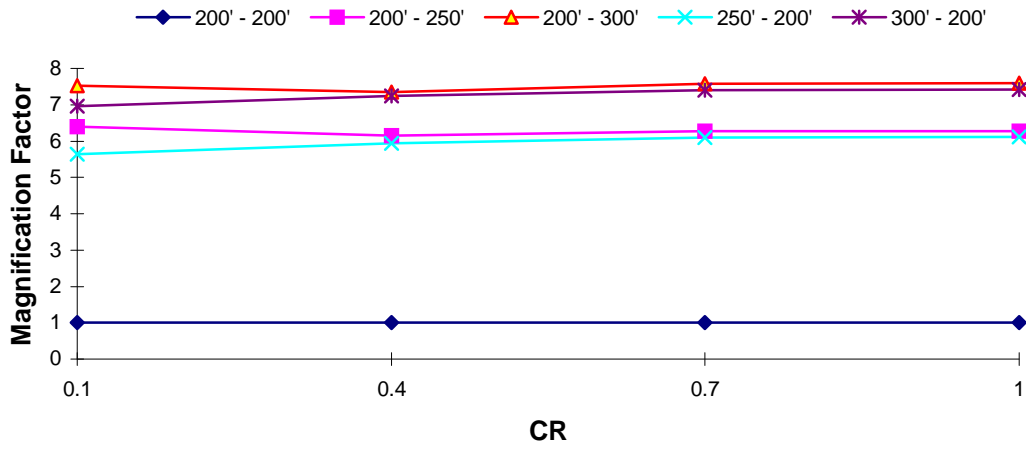
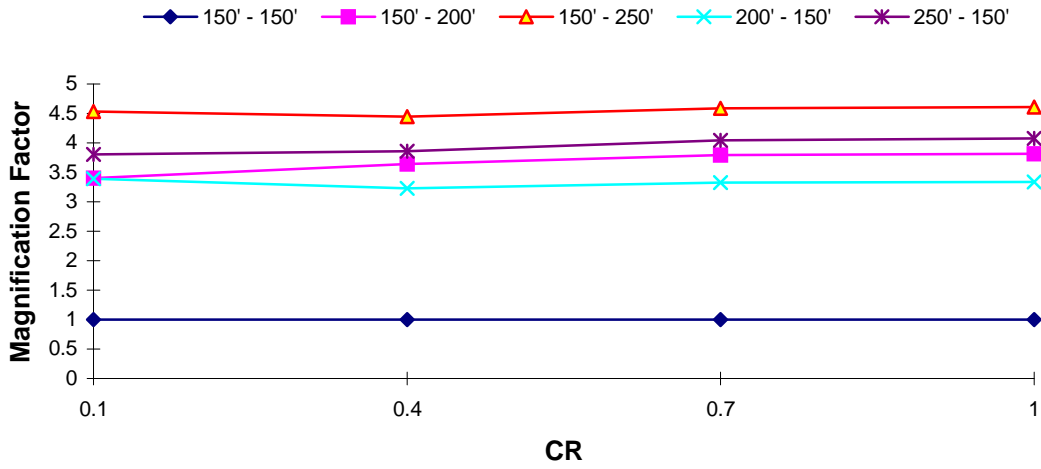
DOF 1 Magnification Factor : Taft EQ
 $T_1 = 0.5$ s, $T_R = 0.1$



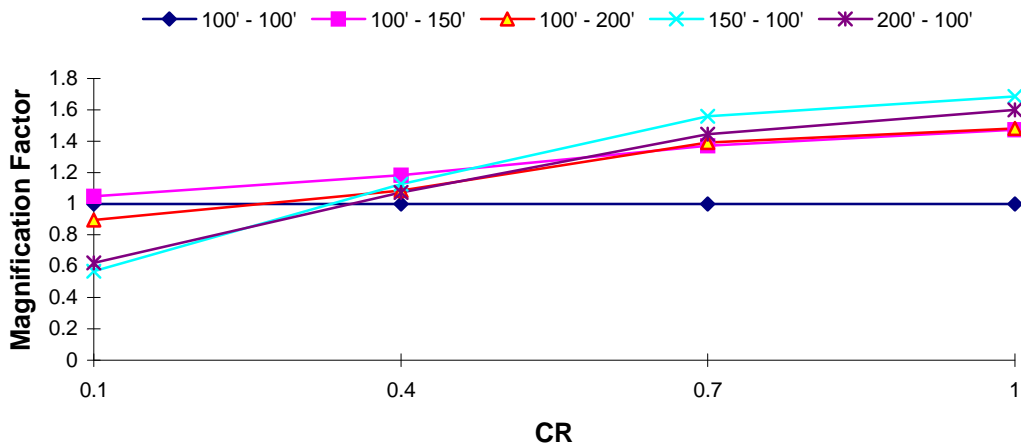
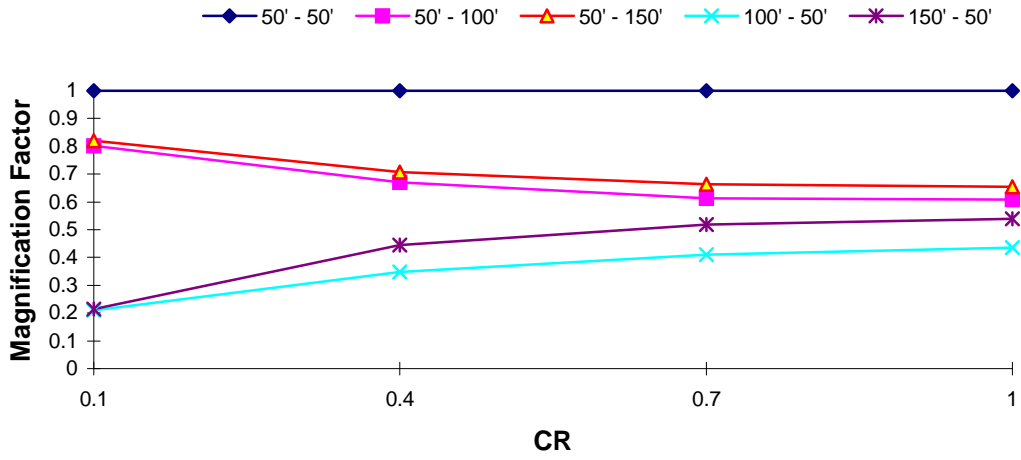
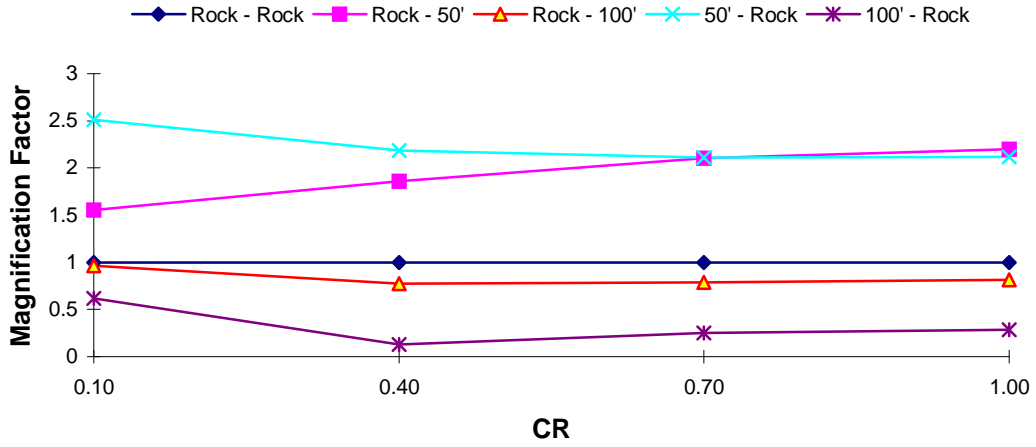
DOF 1 Magnification Factor : Taft EQ
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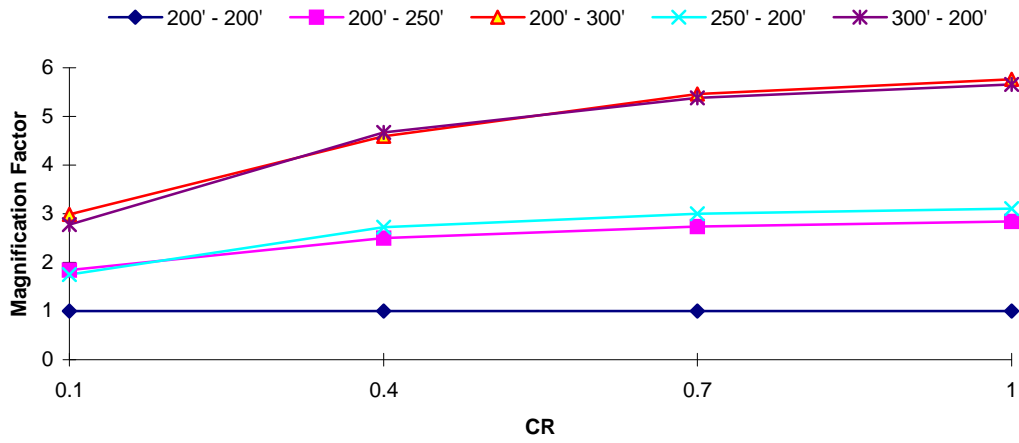
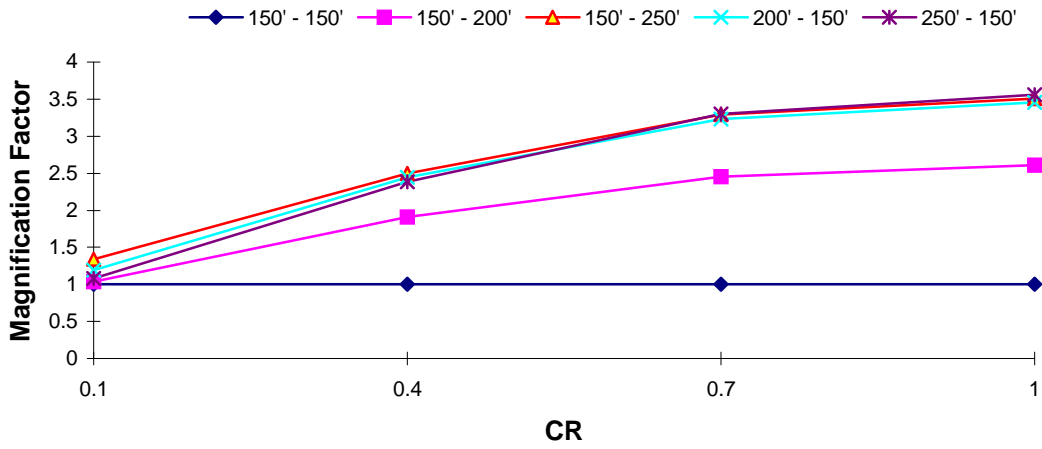
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 $T_1 = 0.5$ s, $TR = 0.1$



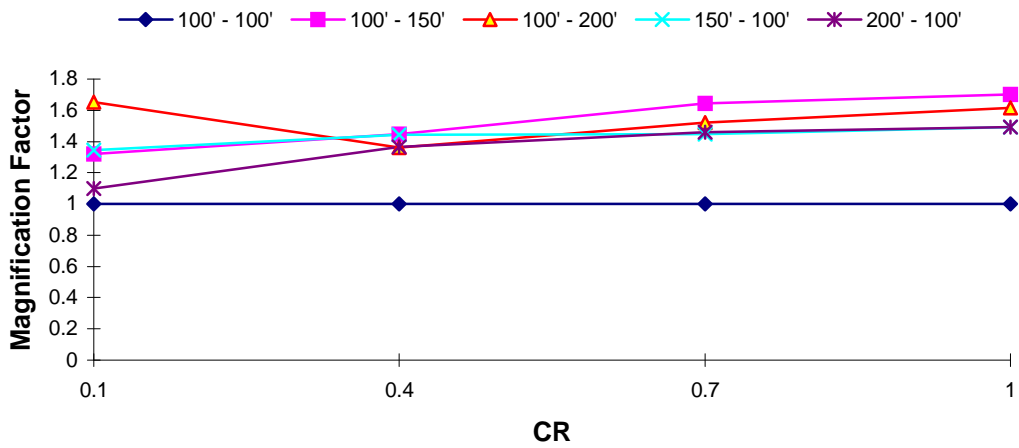
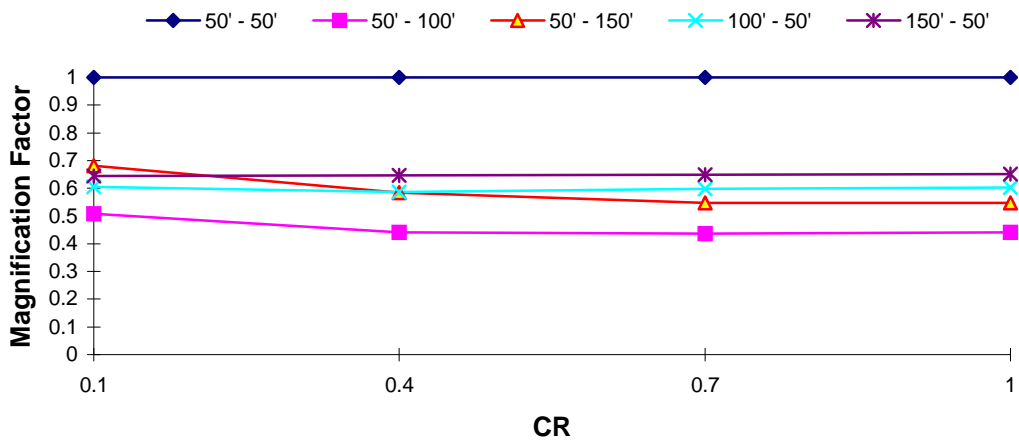
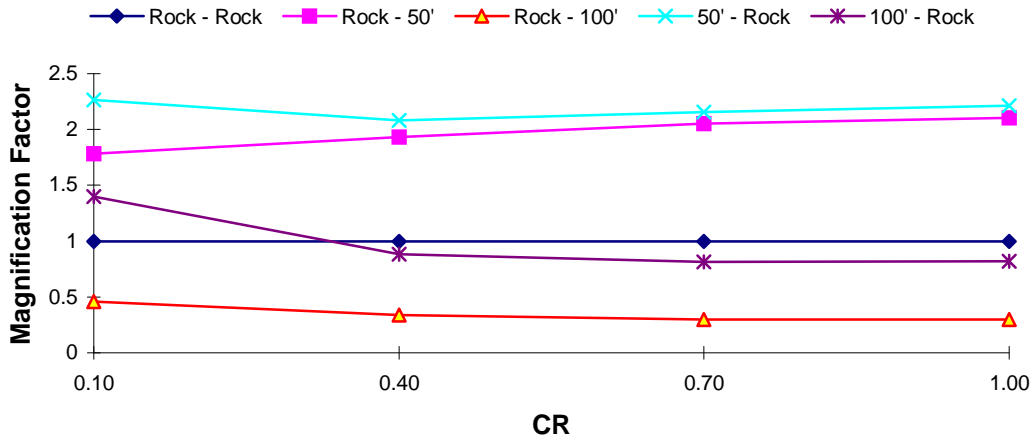
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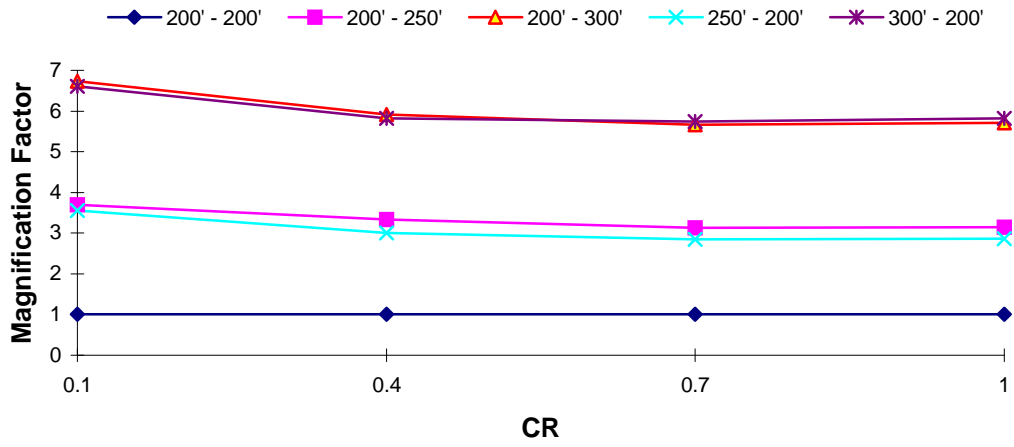
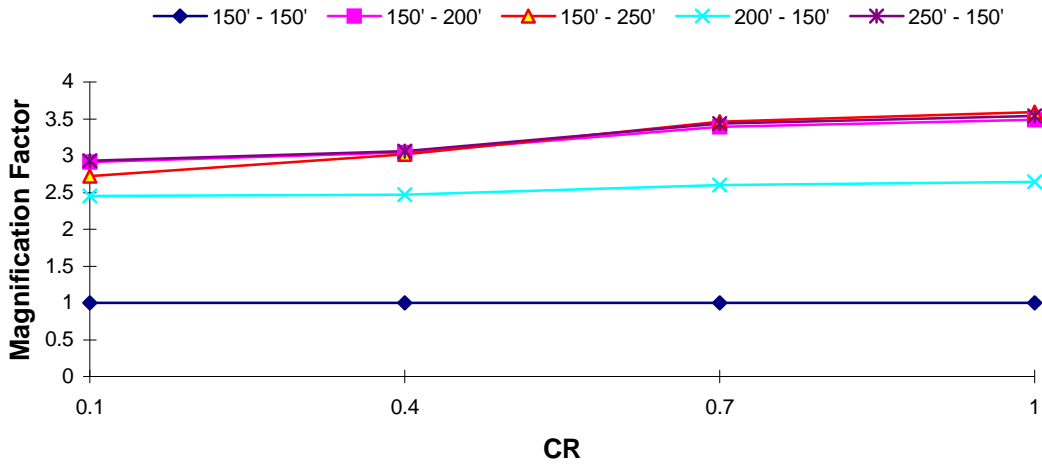
DOF 1 Magnification Factor : El Centro EQ
 $T_1 = 0.5 \text{ s}$, $T_R = 0.1$



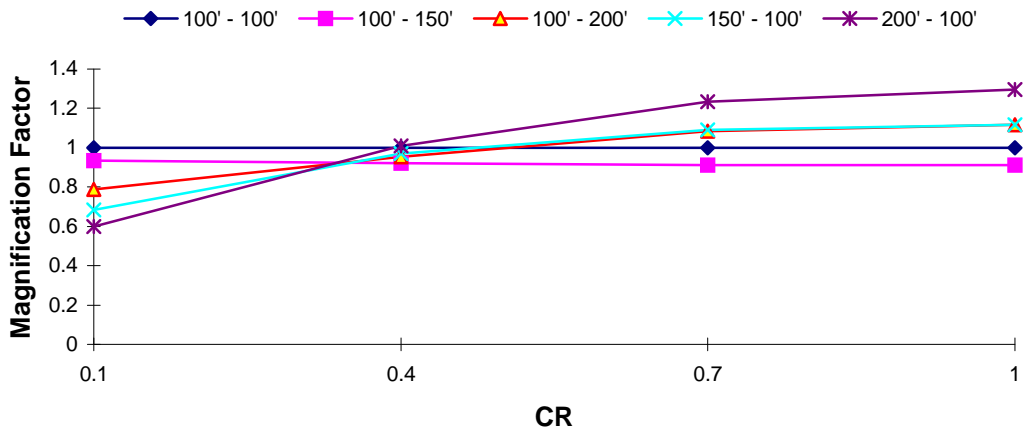
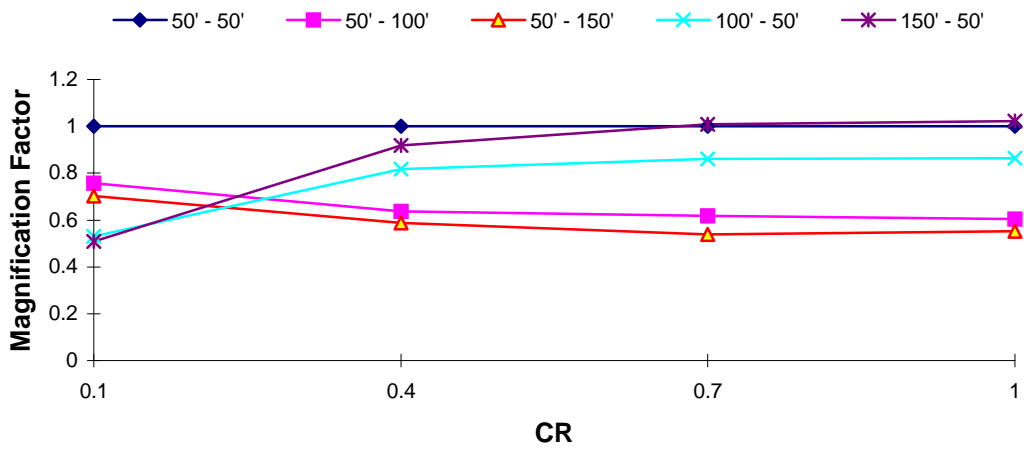
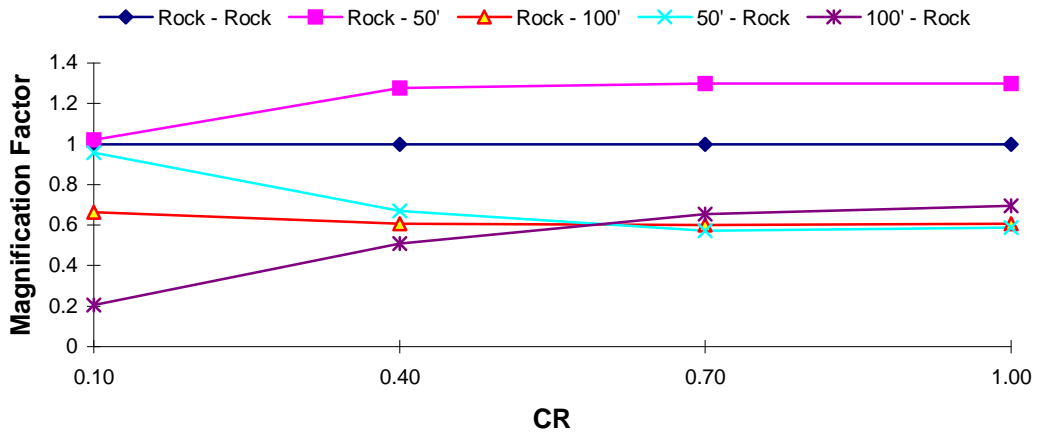
DOF 1 Magnification Factor : El Centro EQ
 $T_1 = 0.5$ s, $TR = 0.1$



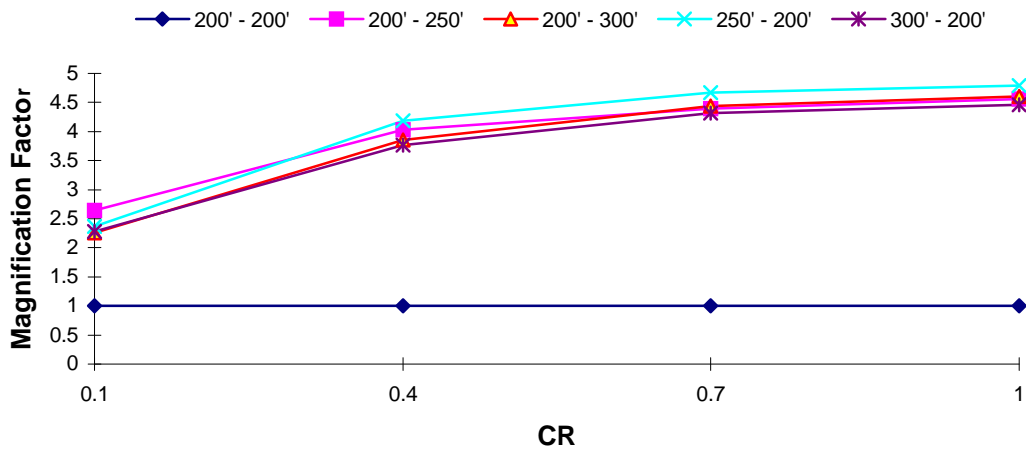
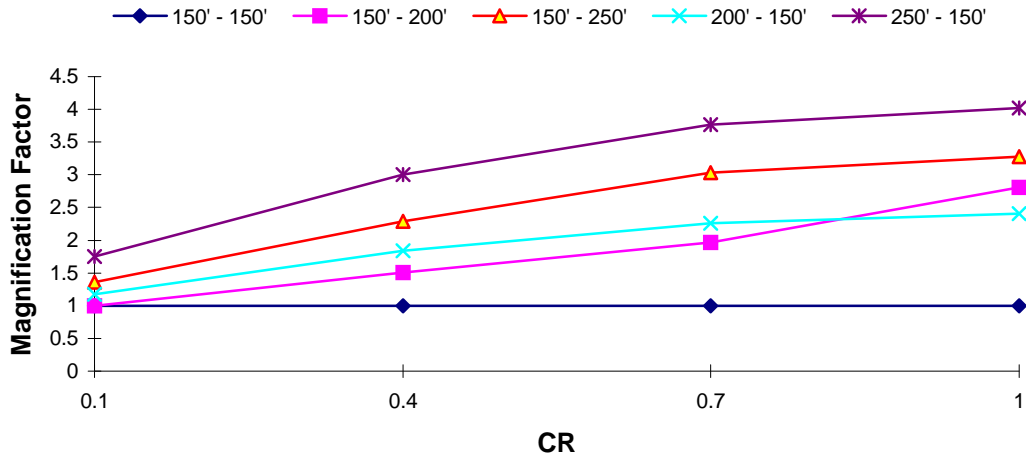
DOF 2 Magnification Factor : El Centro EQ
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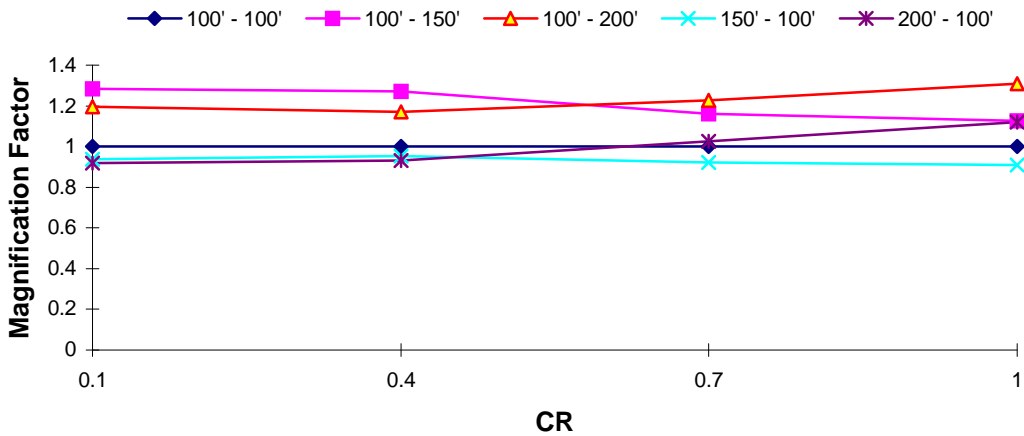
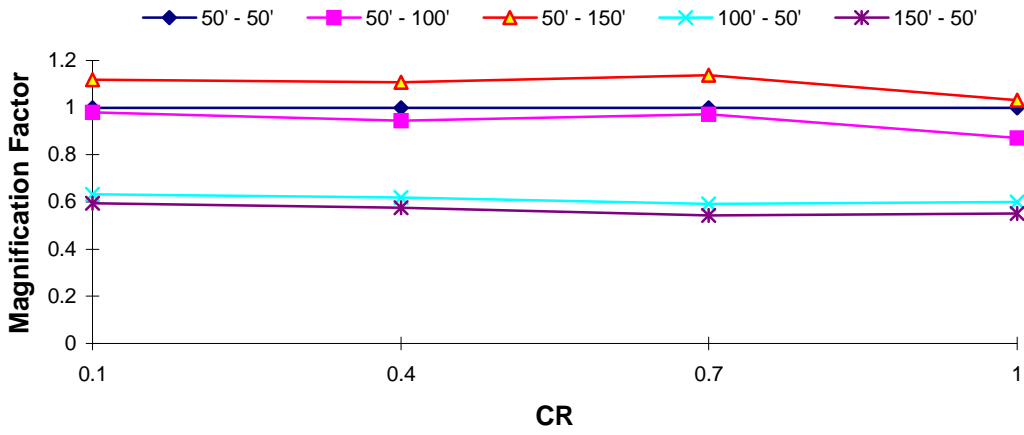
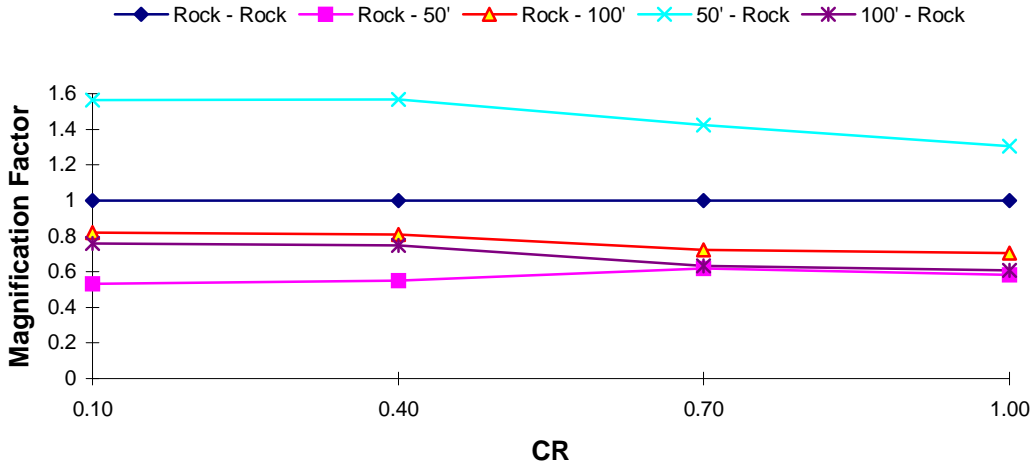
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 $T_1 = 0.5$ s, $TR = 0.1$



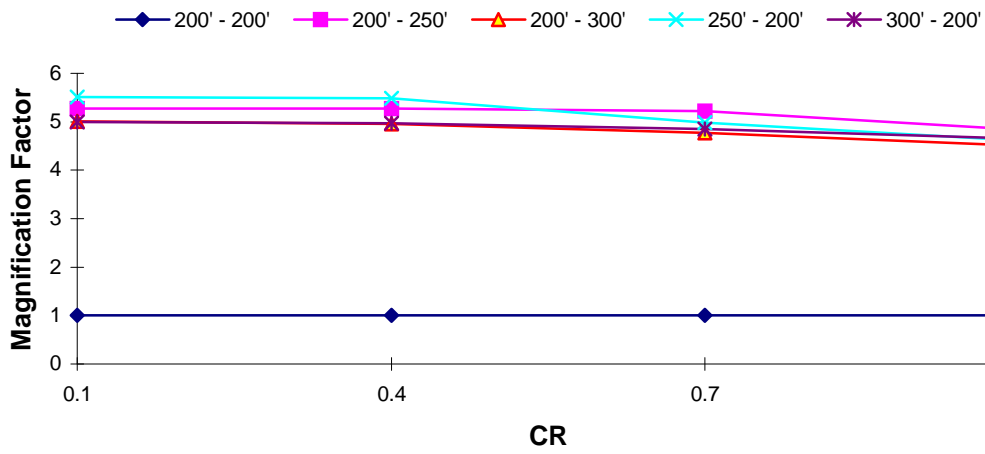
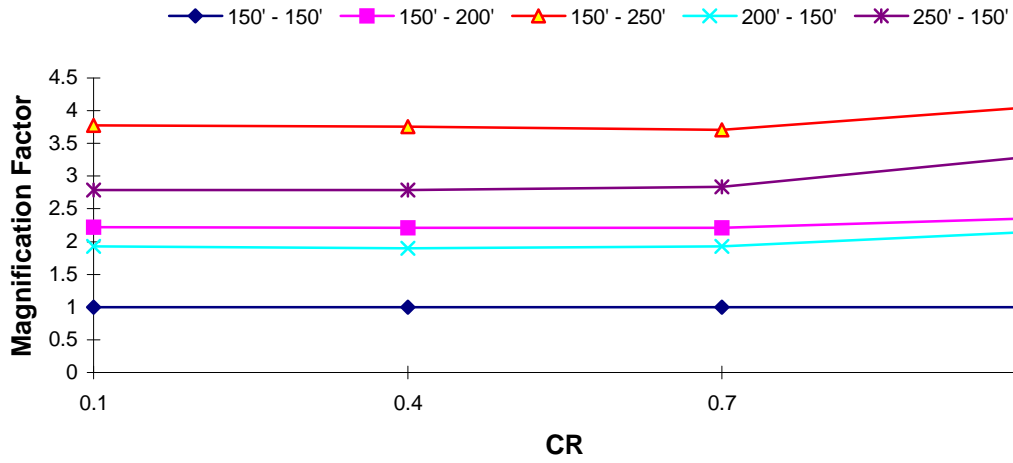
DOF 1 Magnification Factor : Northridge EQ
 $T_1 = 0.5 \text{ s}, TR = 0.1$



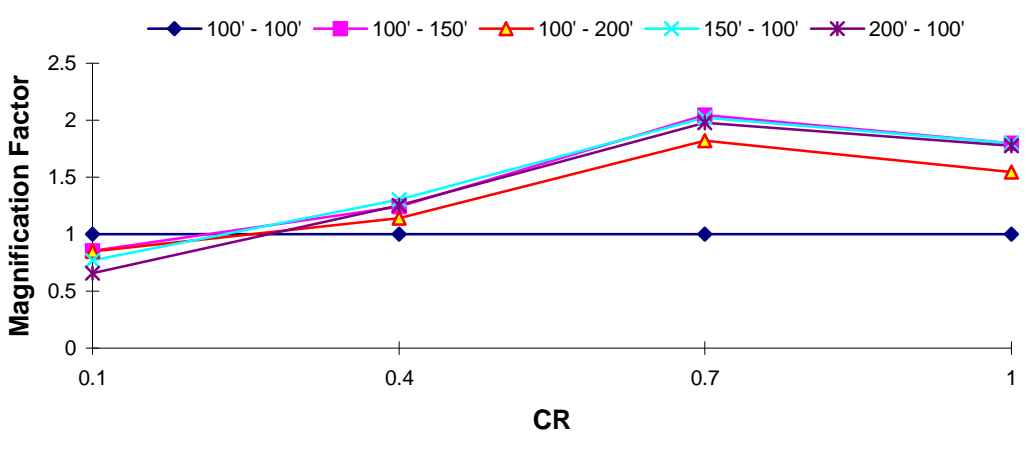
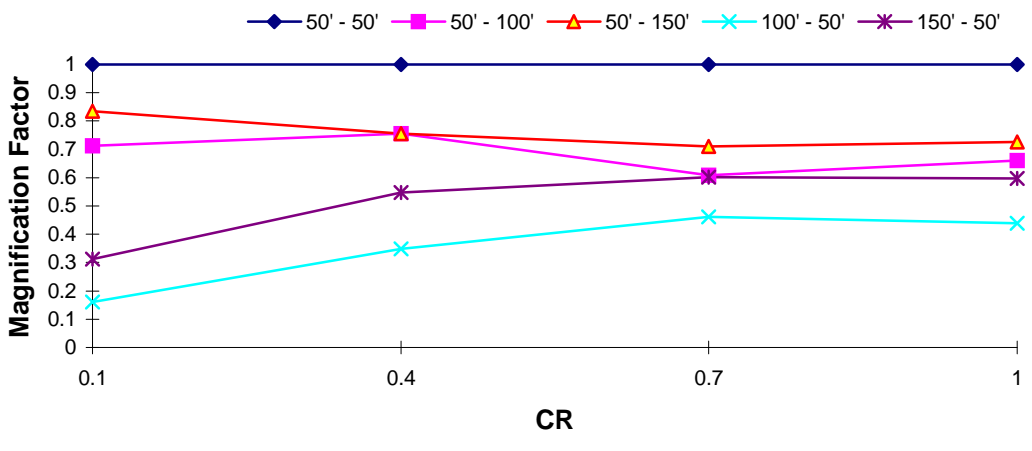
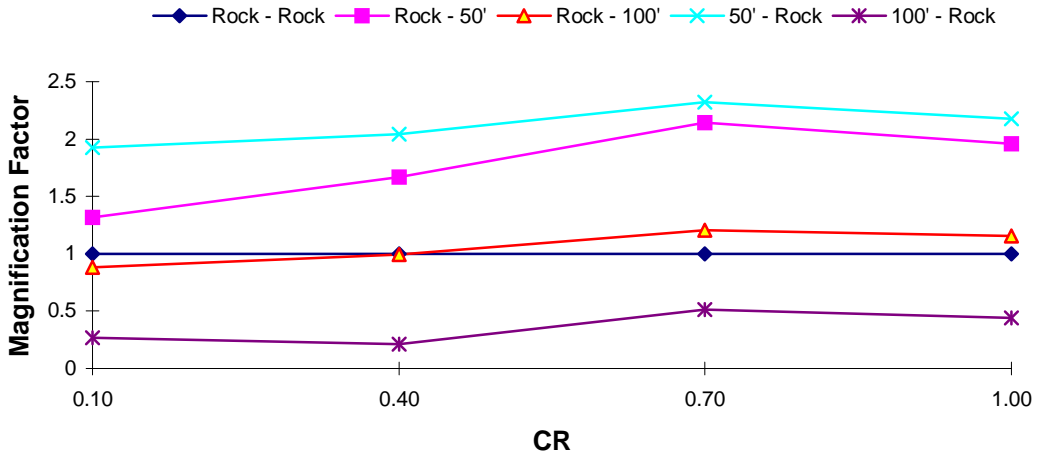
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 $T_1 = 0.5$ s, $TR = 0.1$



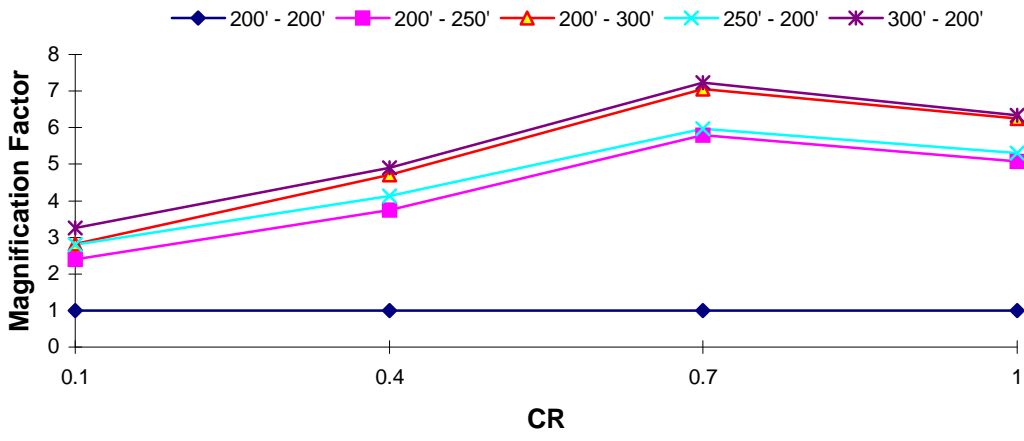
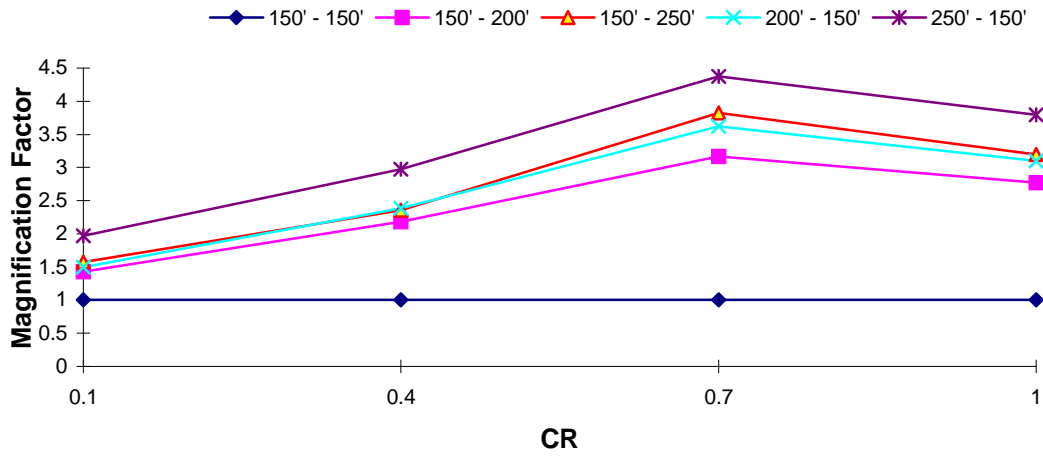
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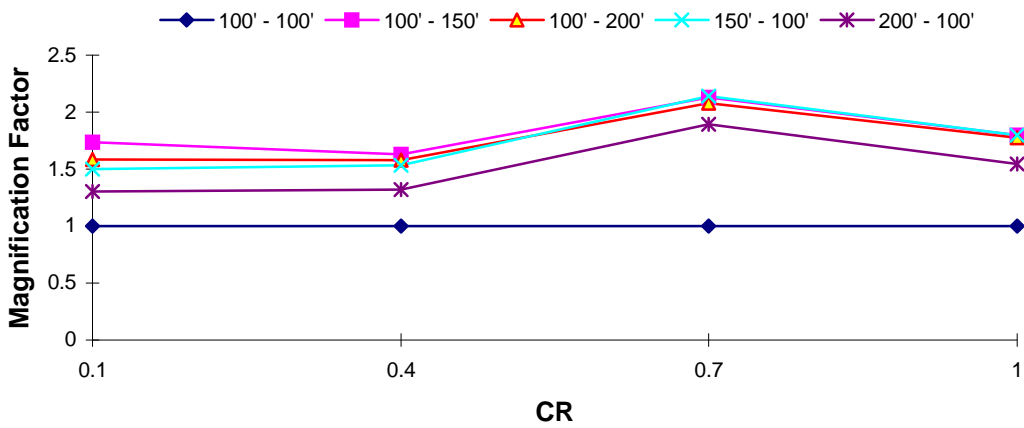
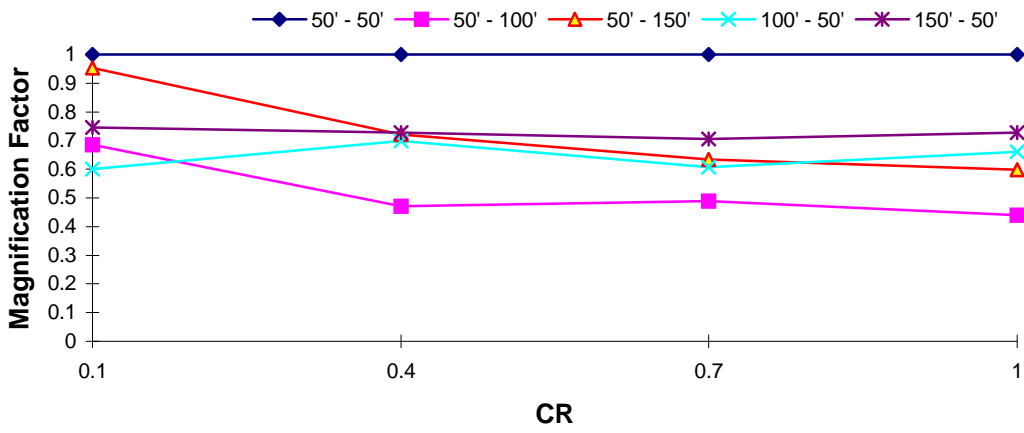
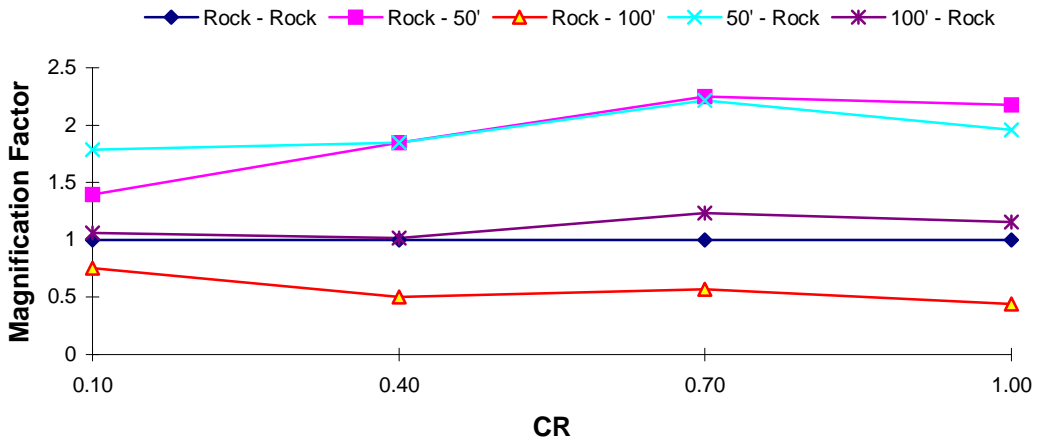
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 $T_1 = 0.5$ s, $T_R = 0.1$



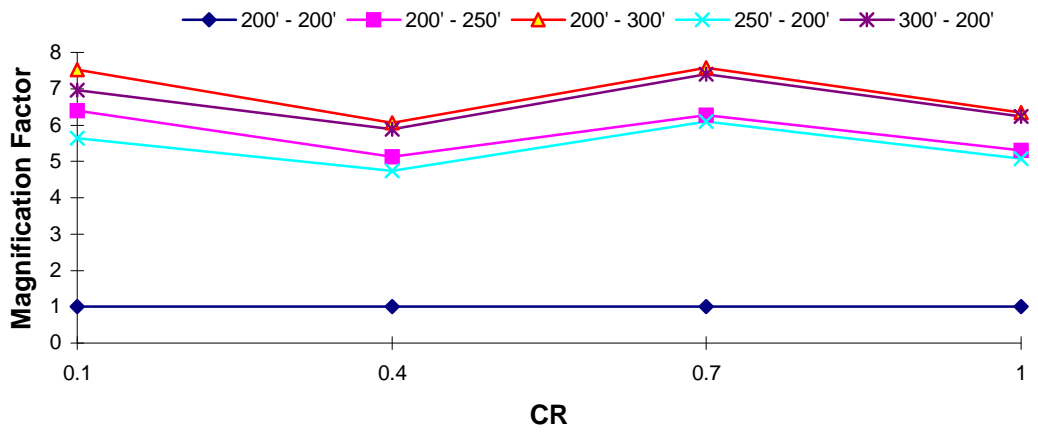
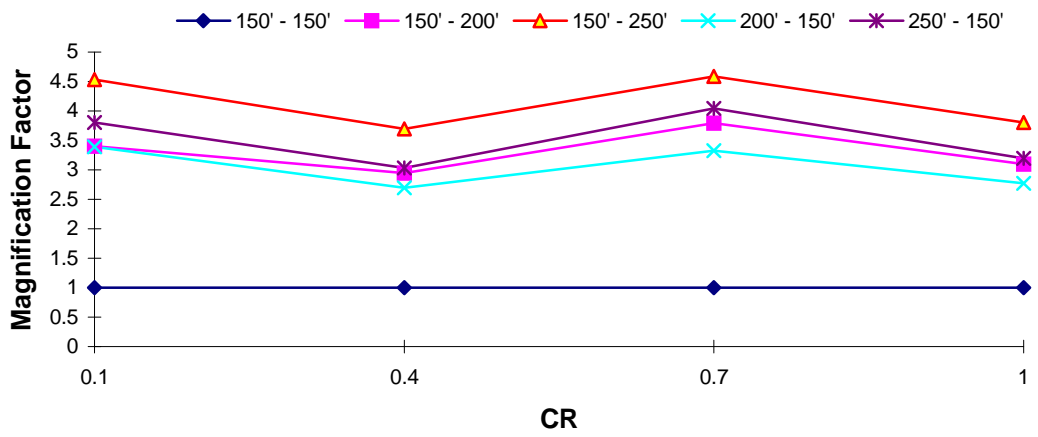
DOF 1 Magnification Factor : Taft EQ
 $T_1 = 0.5$ s, $TR = 0.4$



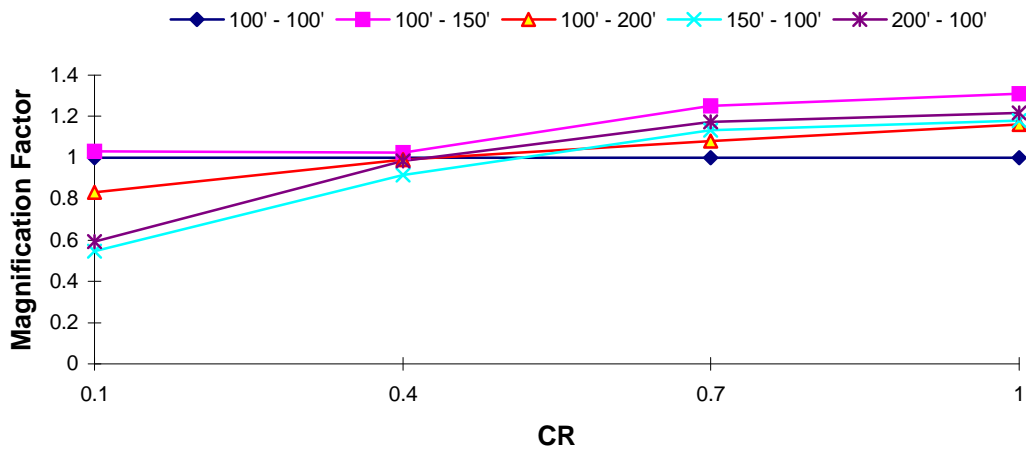
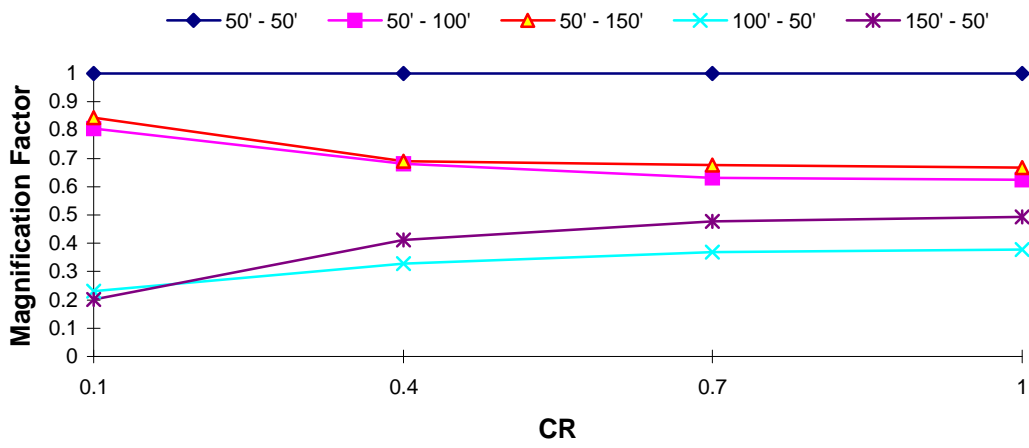
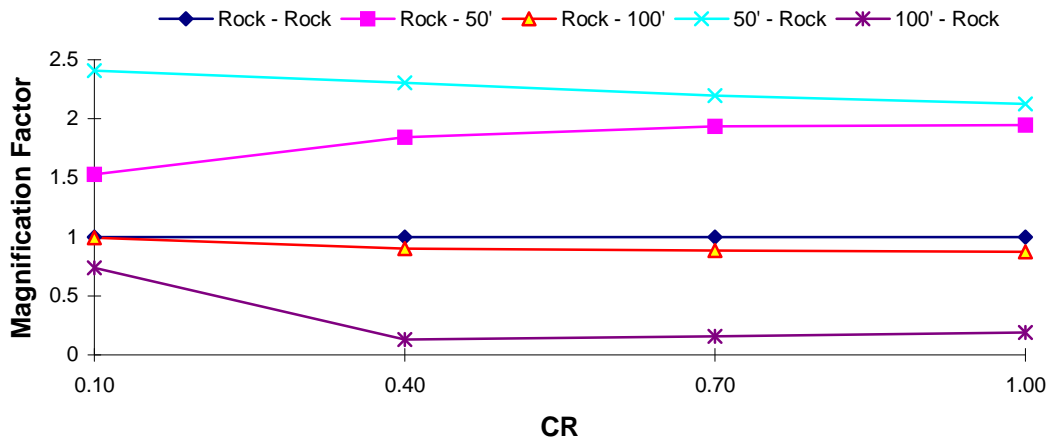
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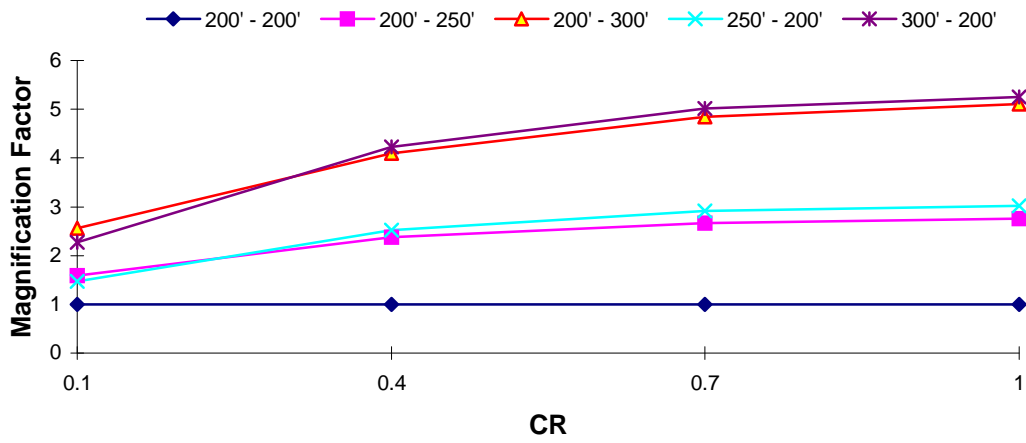
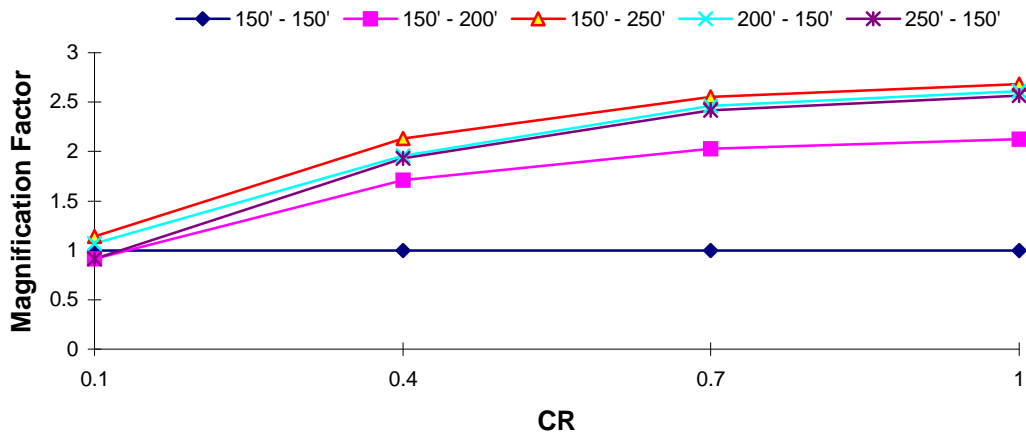
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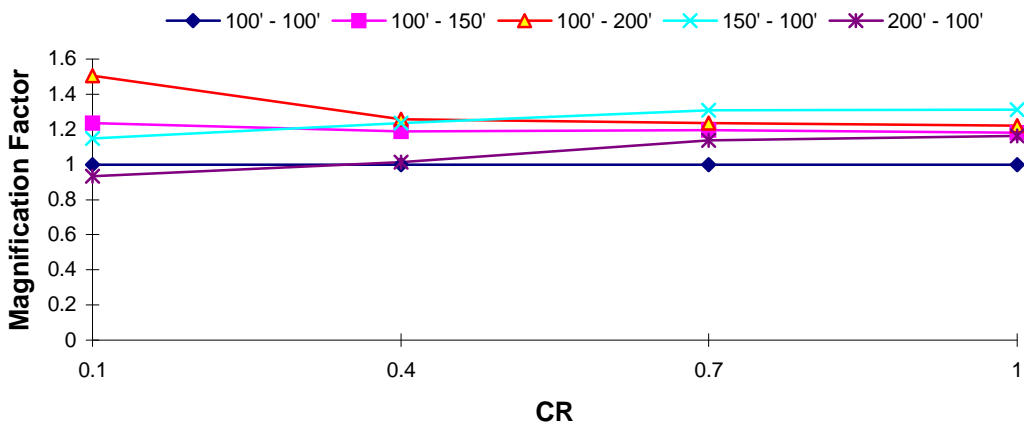
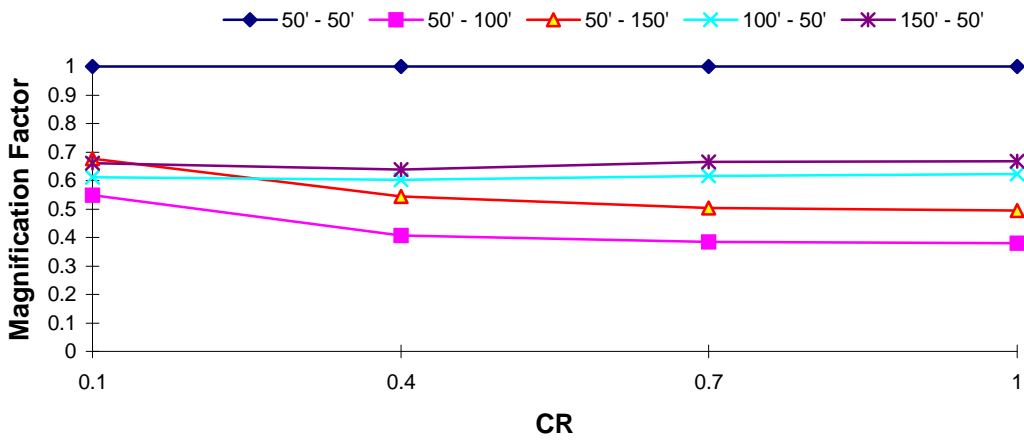
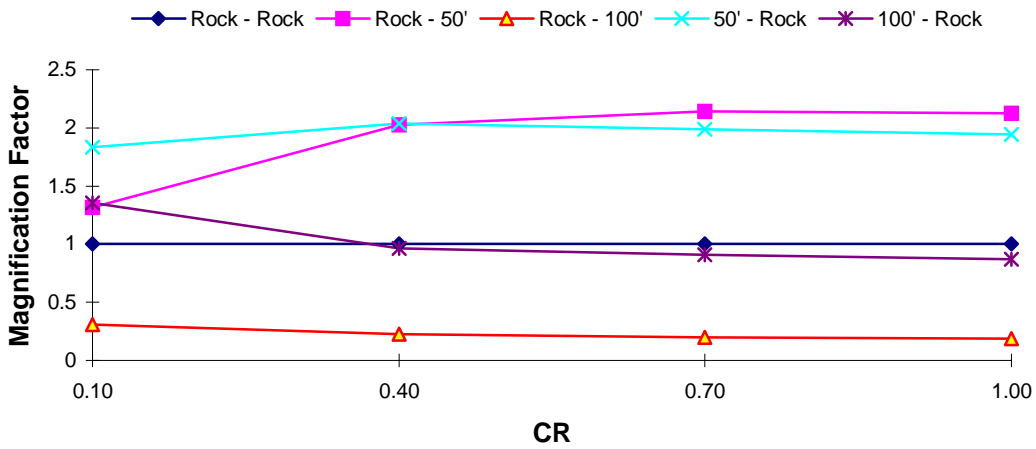
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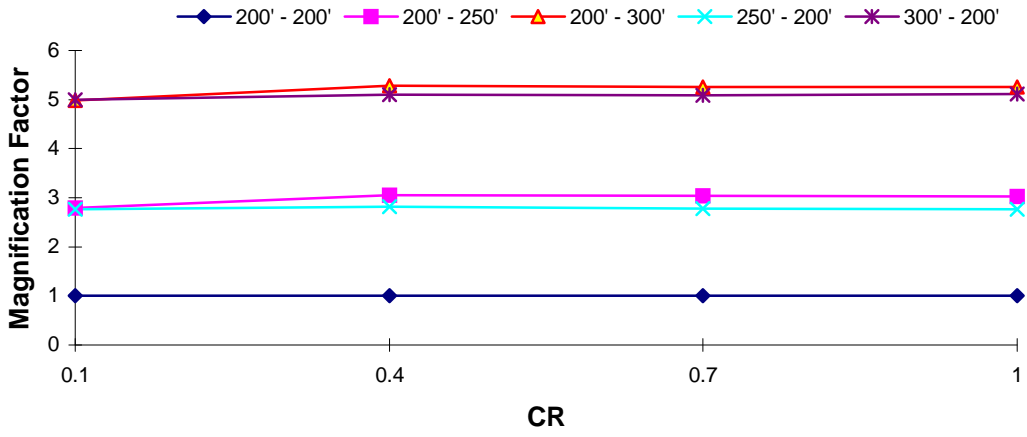
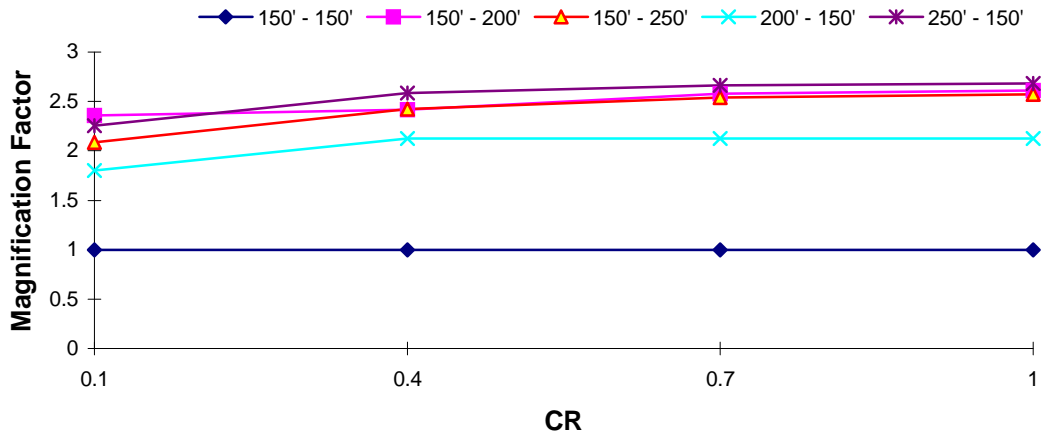
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 $T_1 = 0.5 \text{ s}, TR = 0.4$



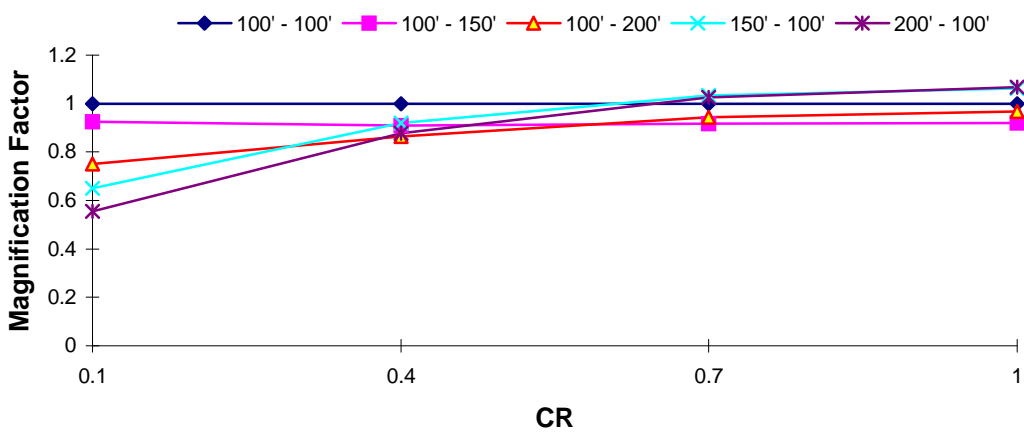
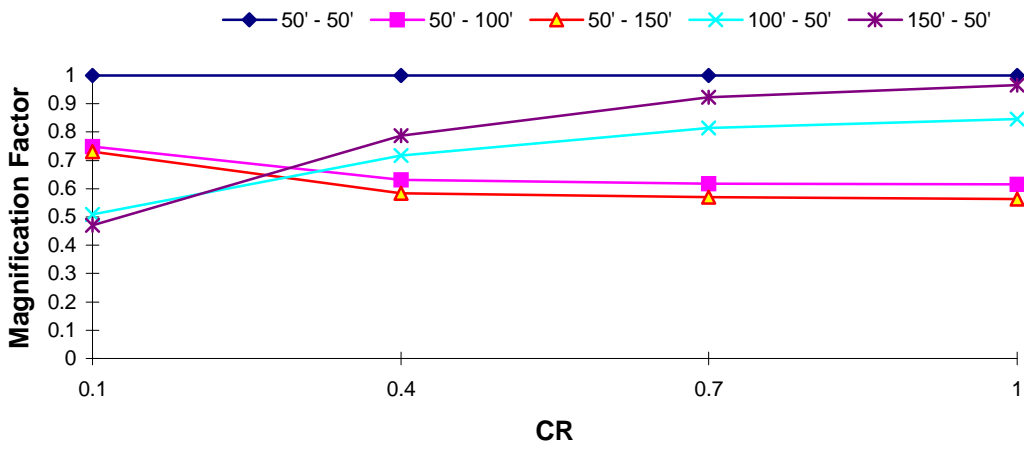
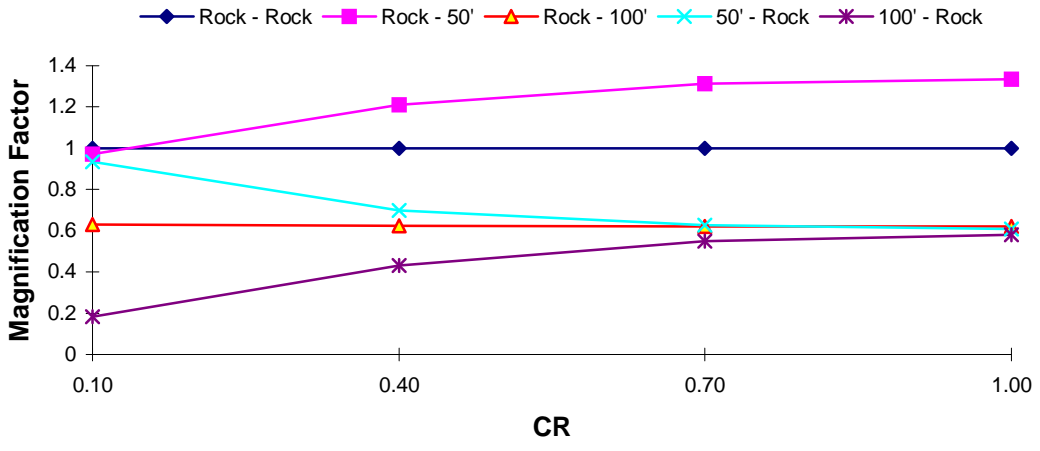
DOF 1 Magnification Factor : El Centro EQ
 $T_1 = 0.5$ s, $TR = 0.4$



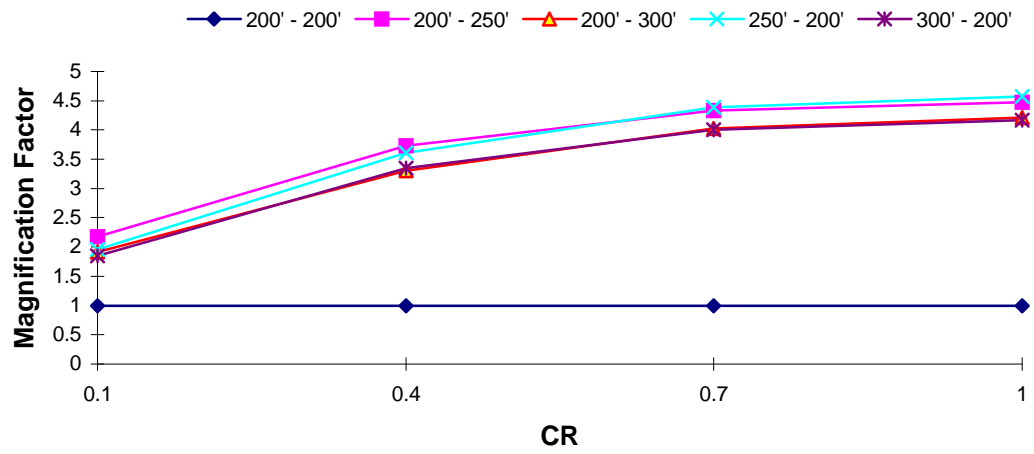
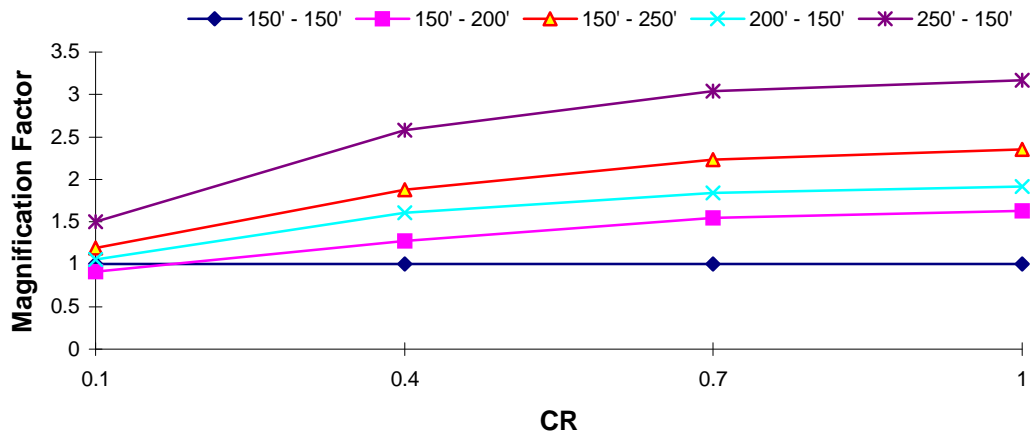
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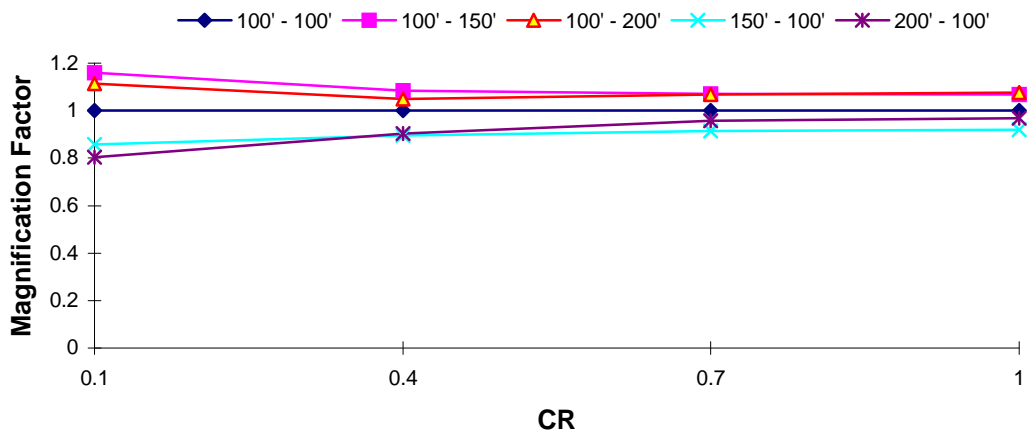
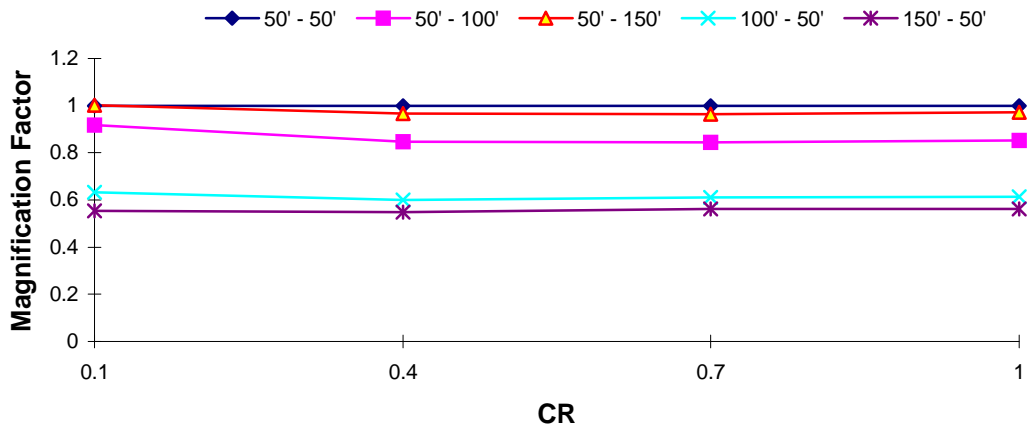
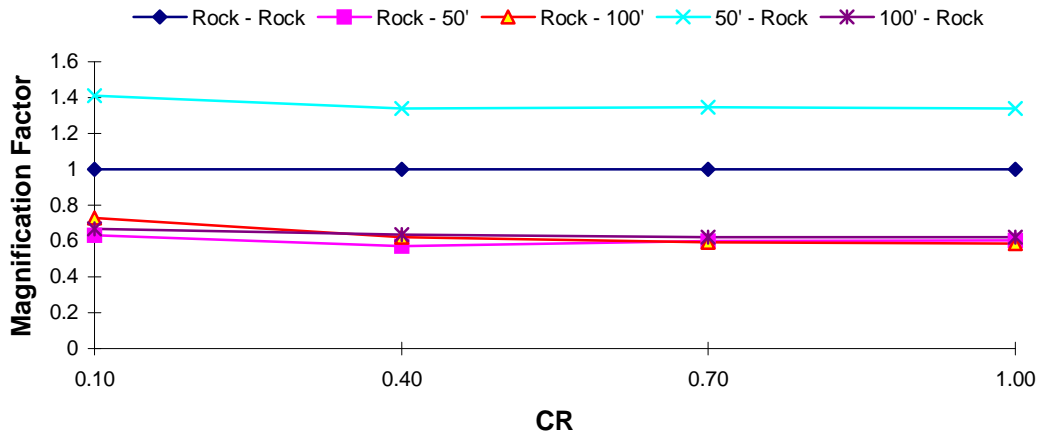
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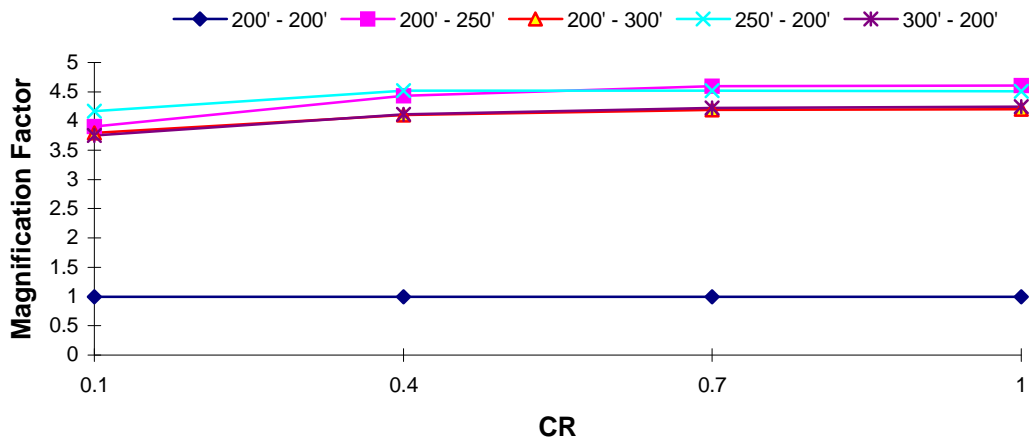
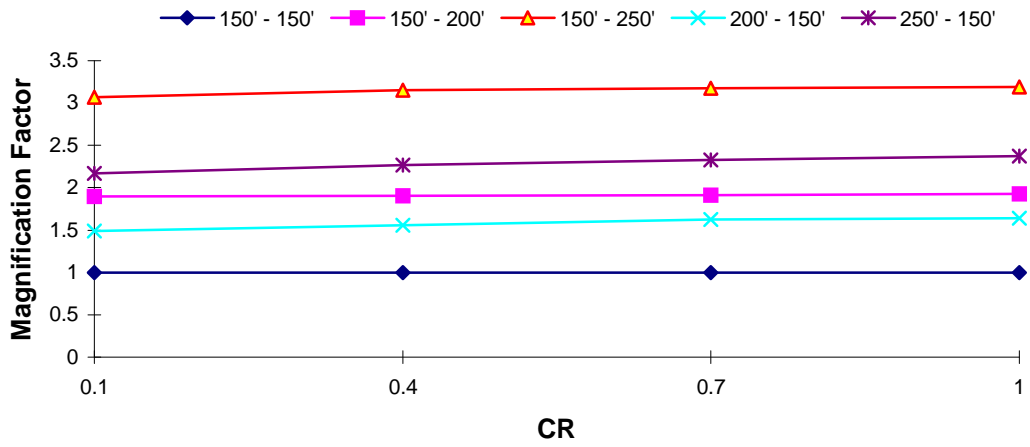
DOF 1 Magnification Factor : Northridge EQ
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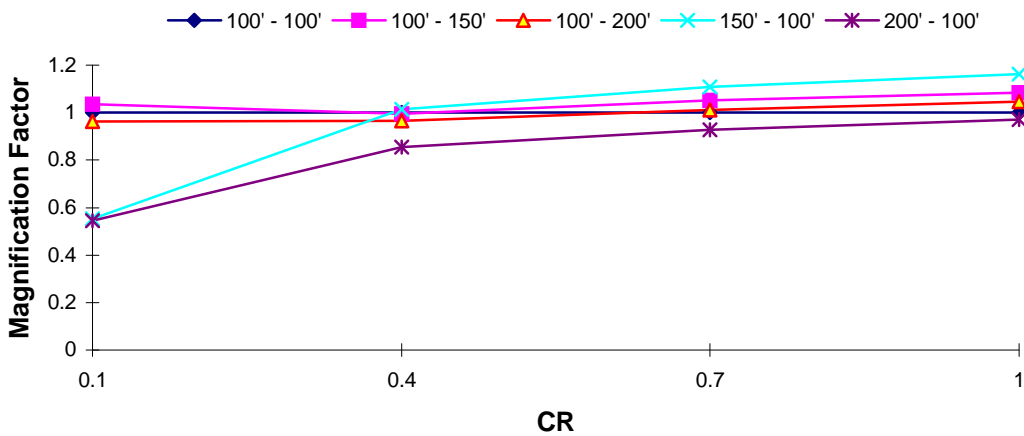
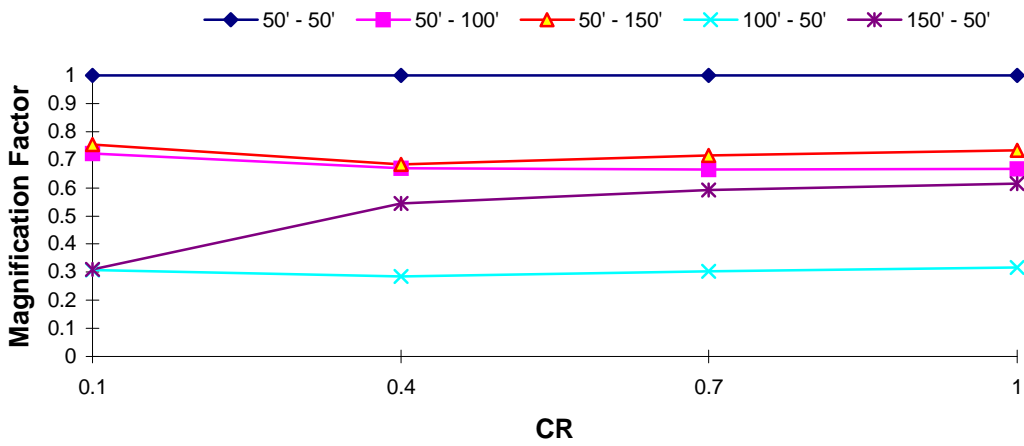
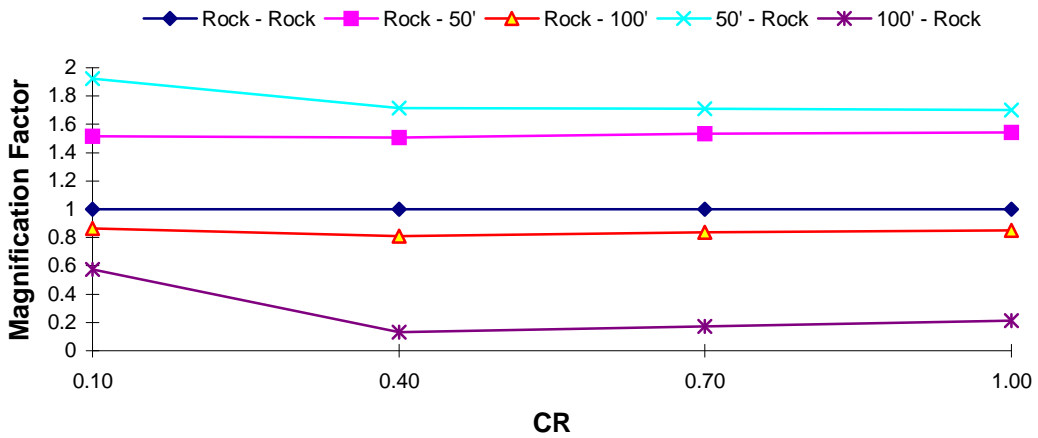
DOF 1 Magnification Factor : Northridge EQ
 $T_1 = 0.5$ s, $TR = 0.4$



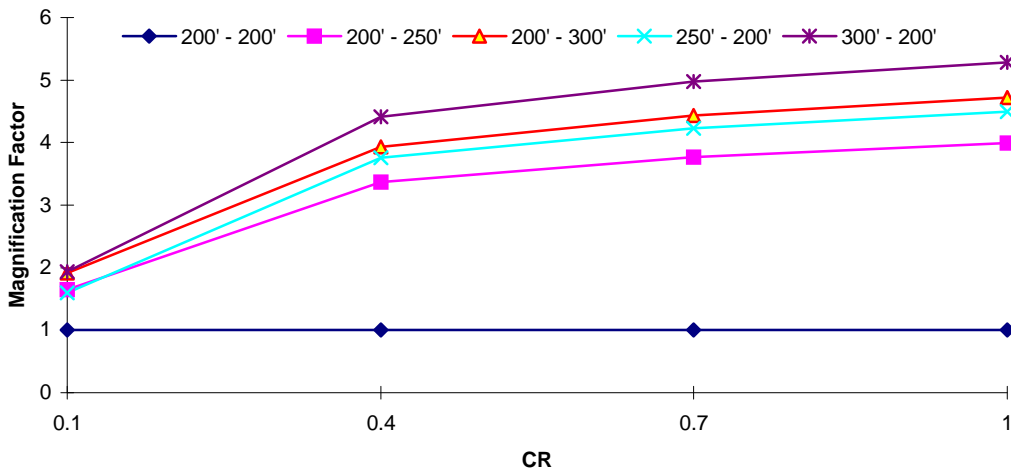
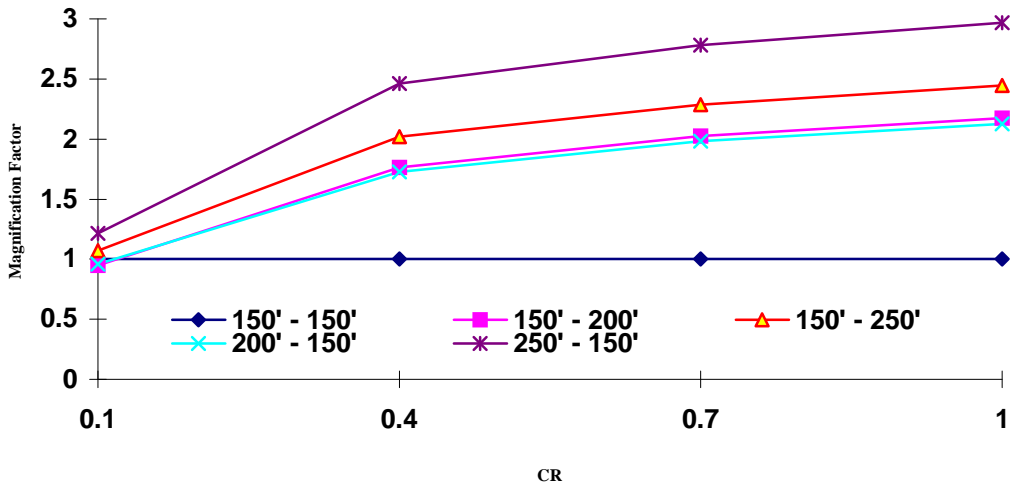
DOF 2 Magnification Factor : Northridge EQ
 $T_1 = 0.5$ s, $T_R = 0.4$



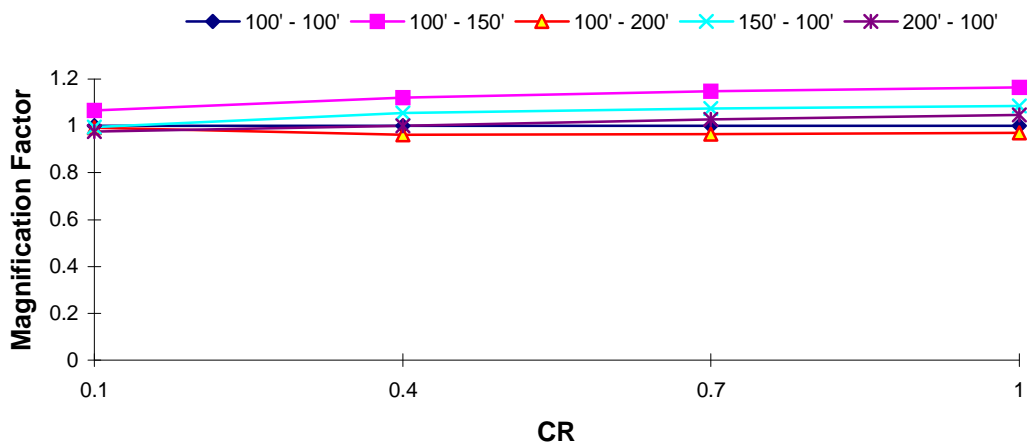
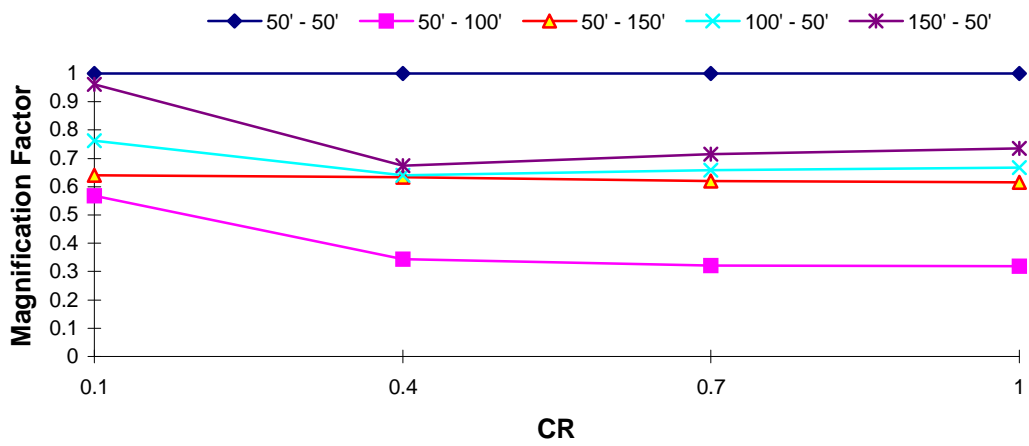
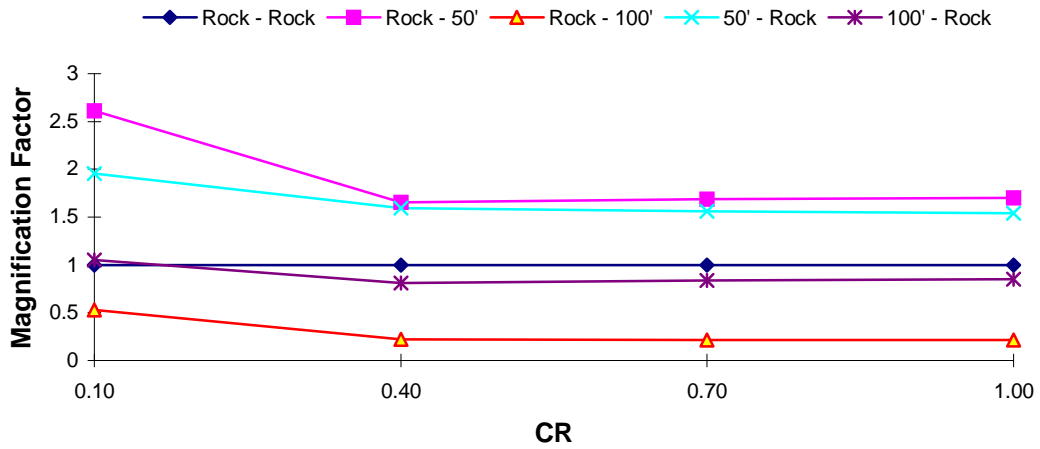
DOF 2 Magnification Factor : Northridge EQ
 $T_1 = 0.5$ s, $TR = 0.4$



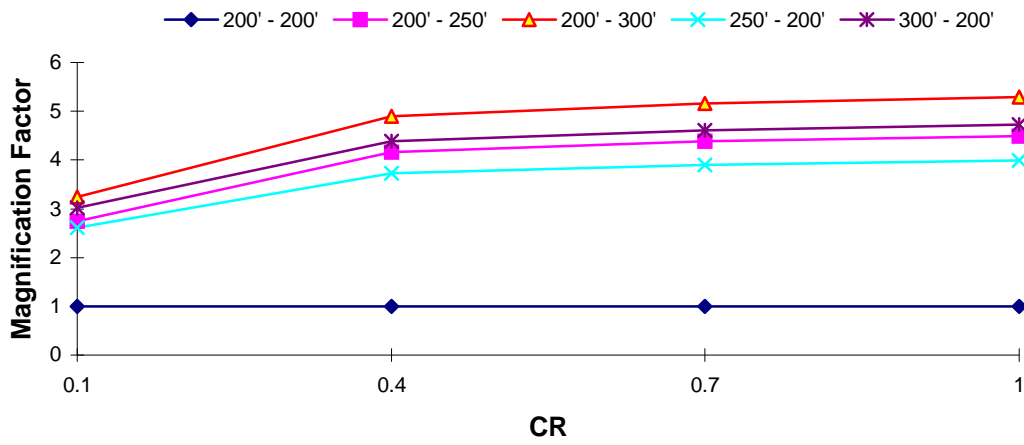
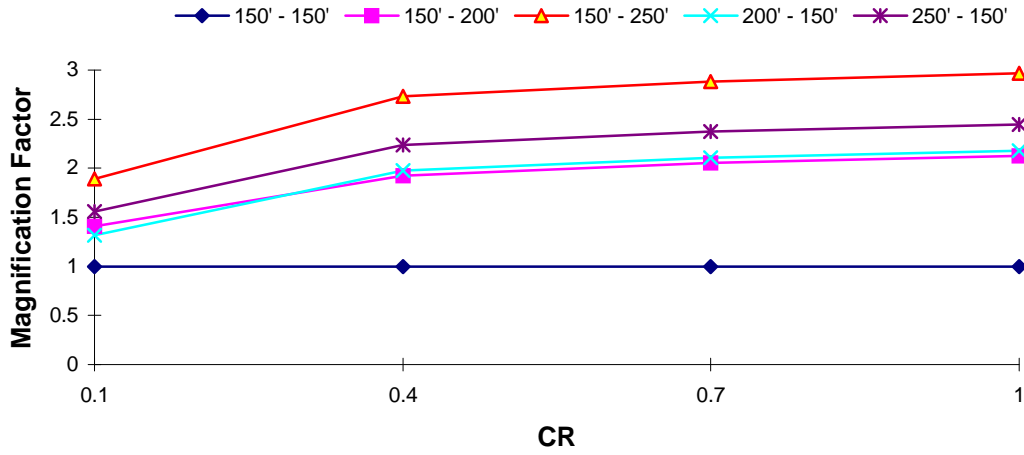
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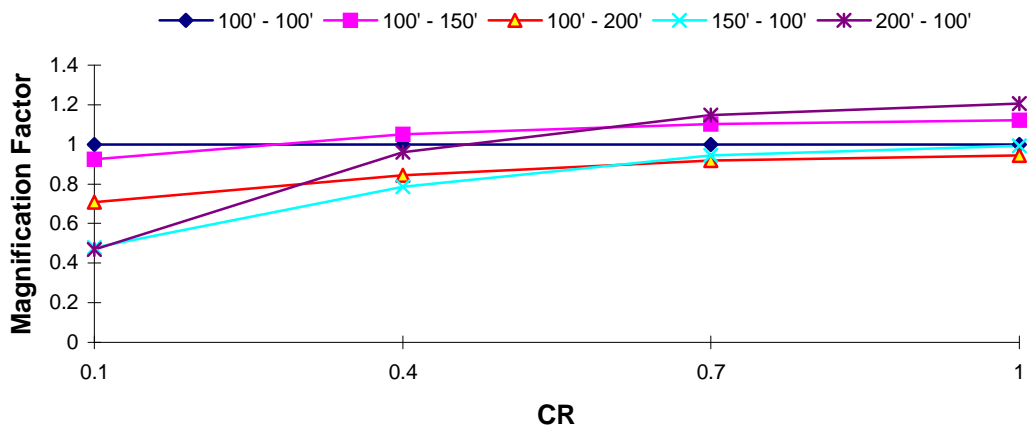
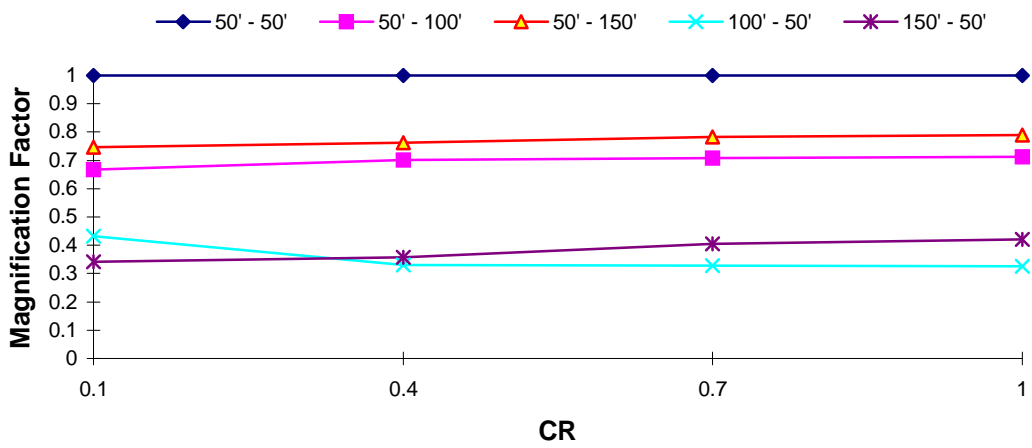
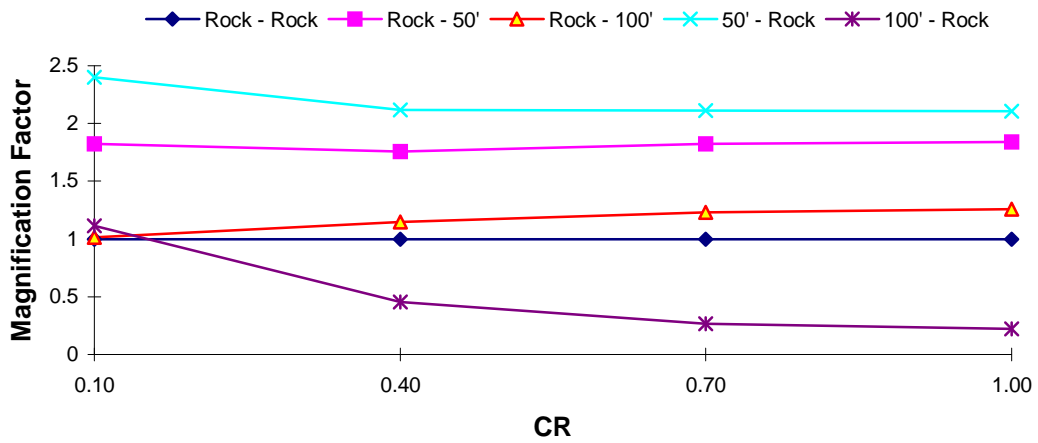
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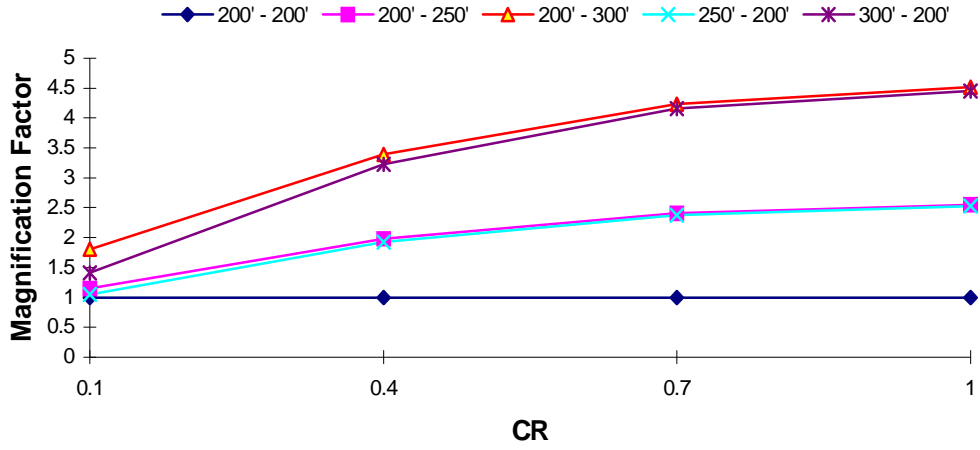
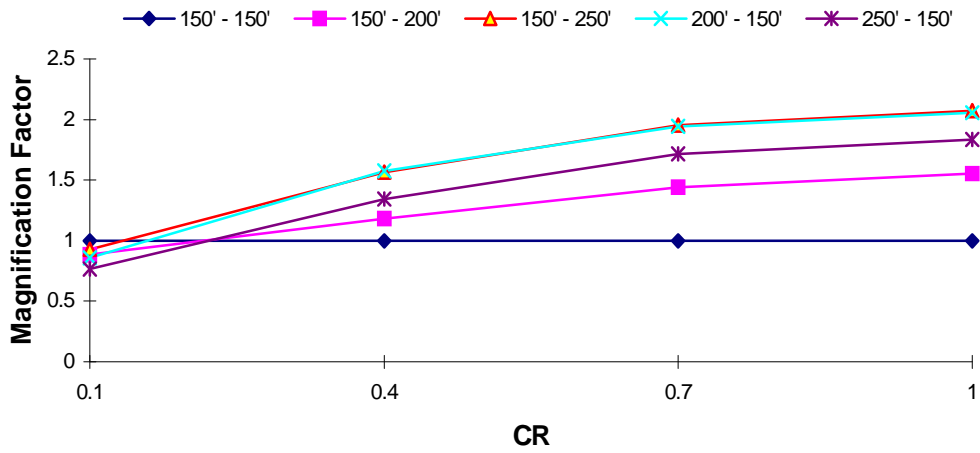
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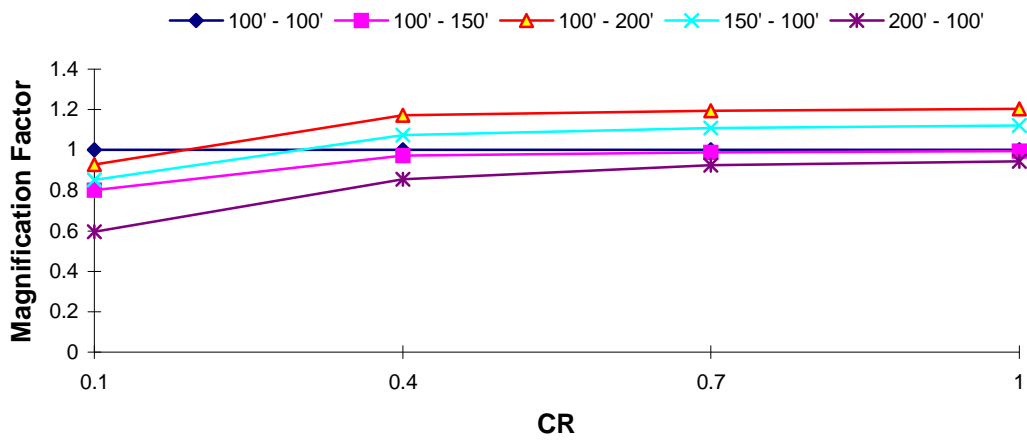
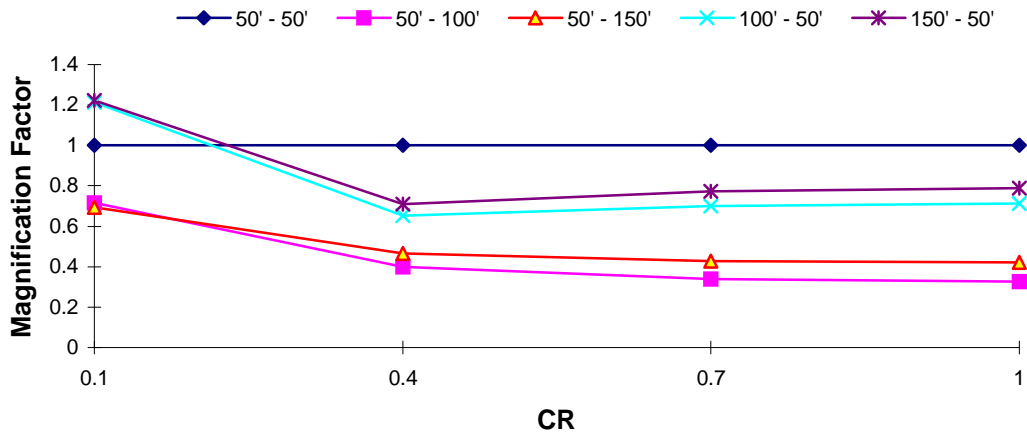
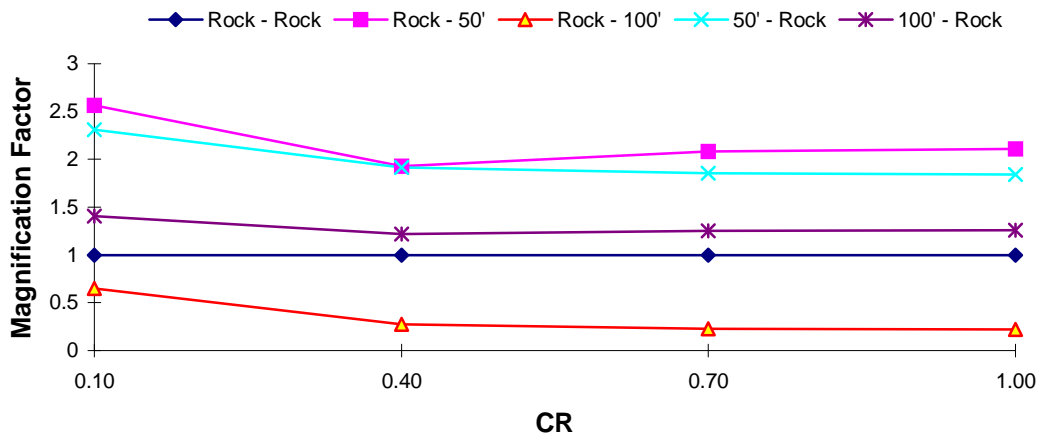
DOF 2 Magnification Factor : Taft EQ
 $T_1 = 0.5 \text{ s}, TR = 0.7$



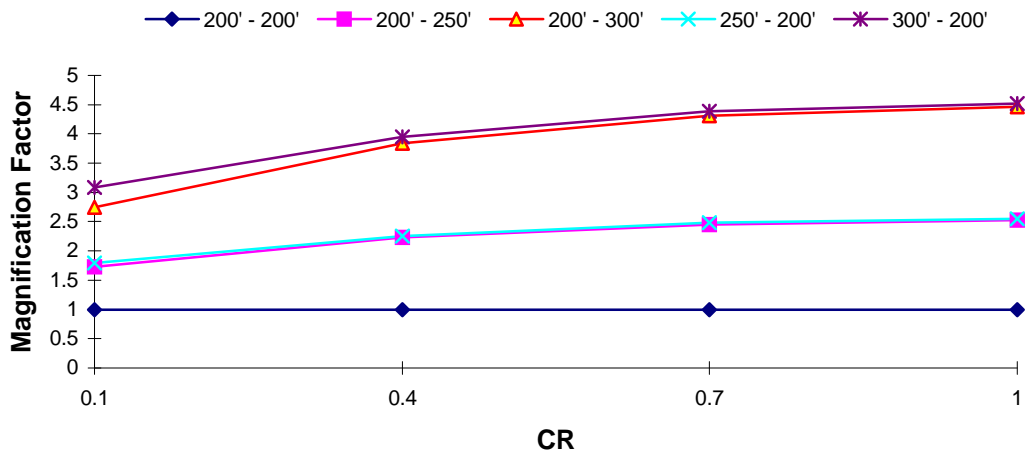
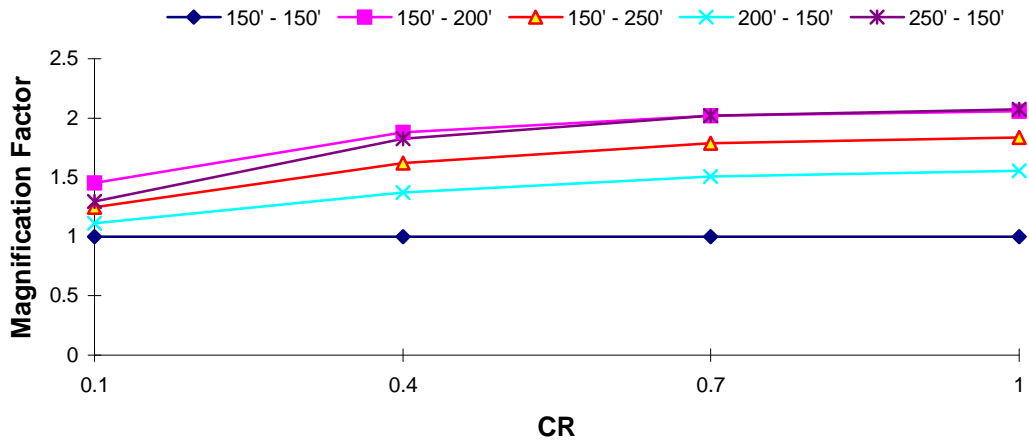
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 $T_1 = 0.5$ s, $T_R = 0.7$



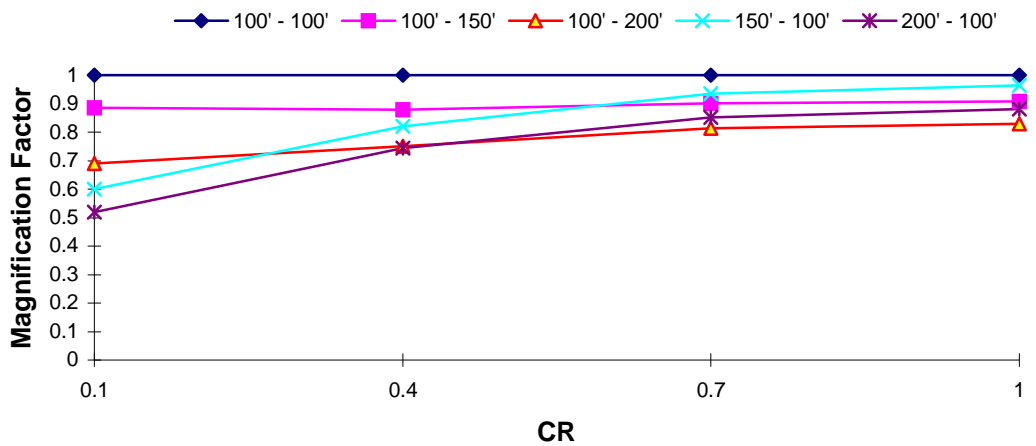
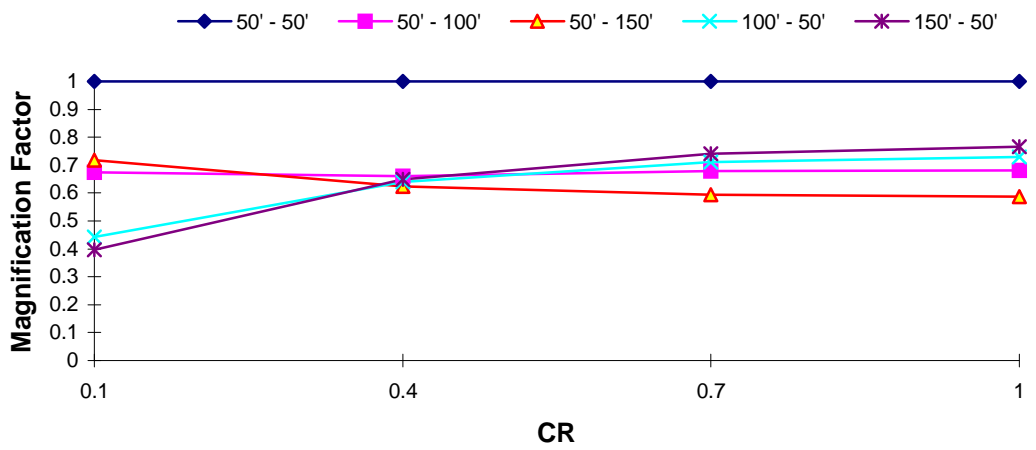
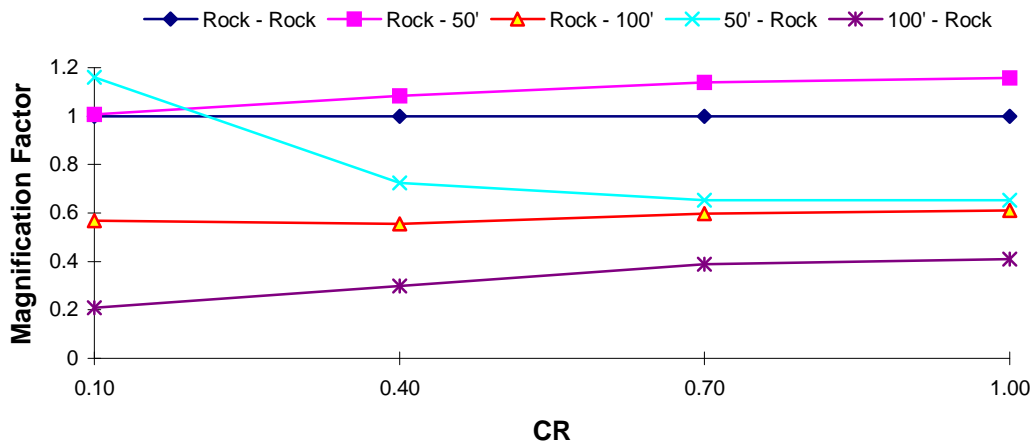
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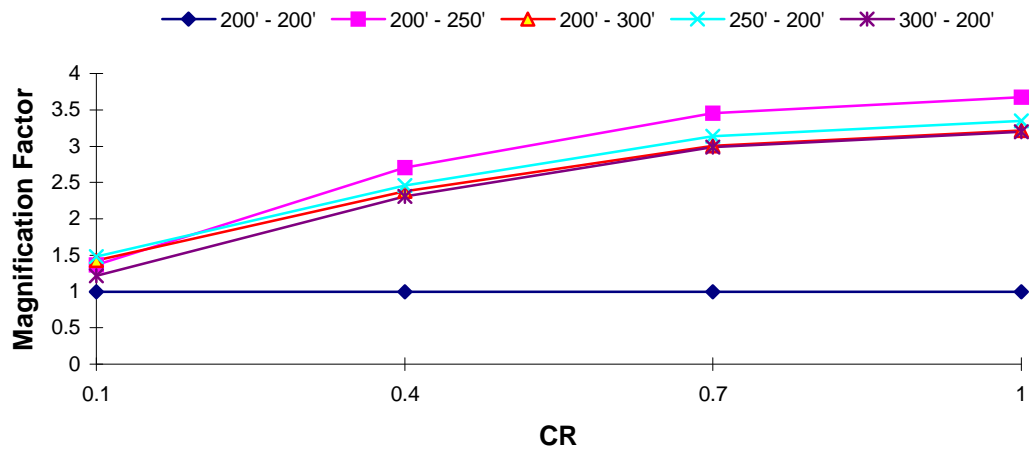
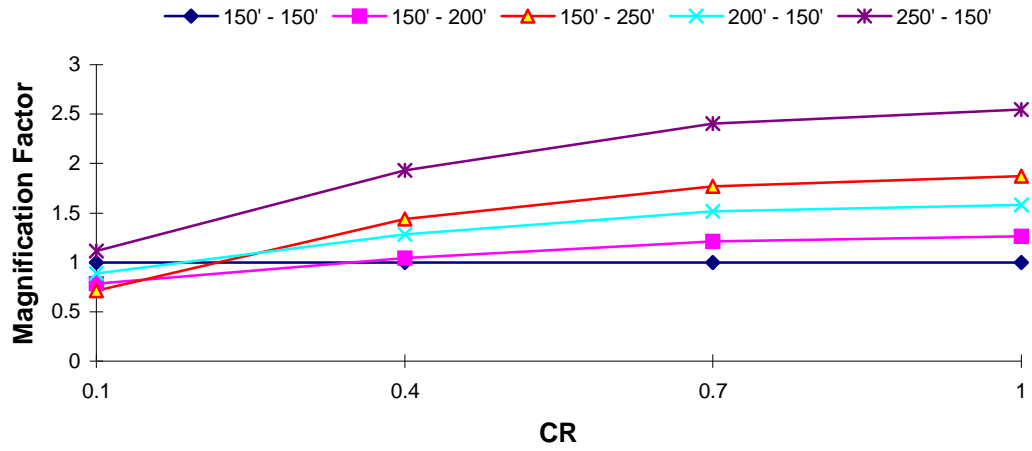
DOF 2 Magnification Factor : El Centro EQ
 $T_1 = 0.5$ s, $T_R = 0.7$



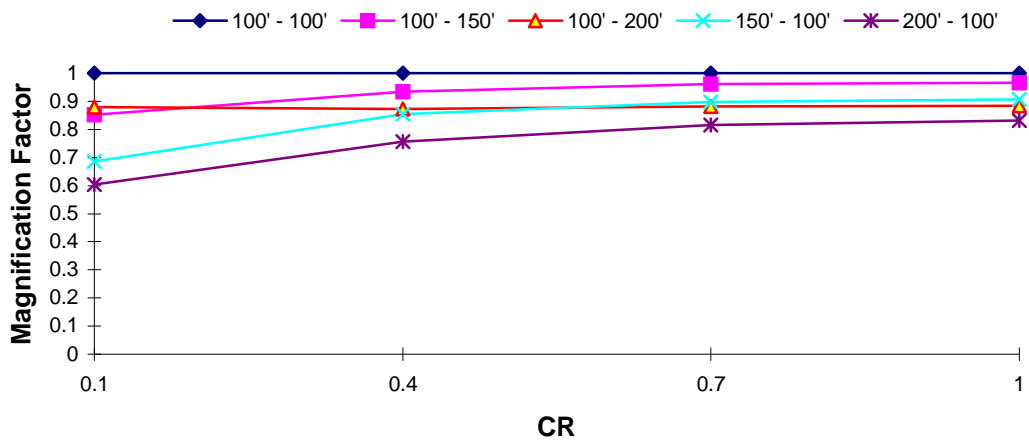
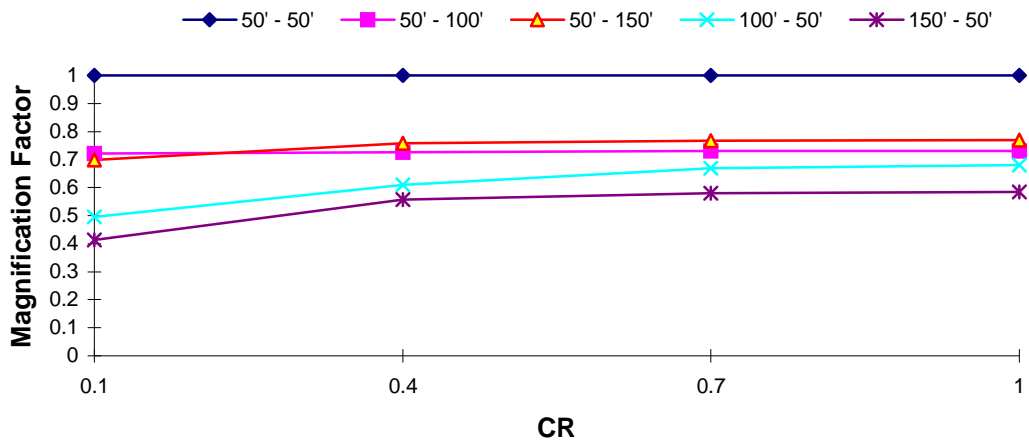
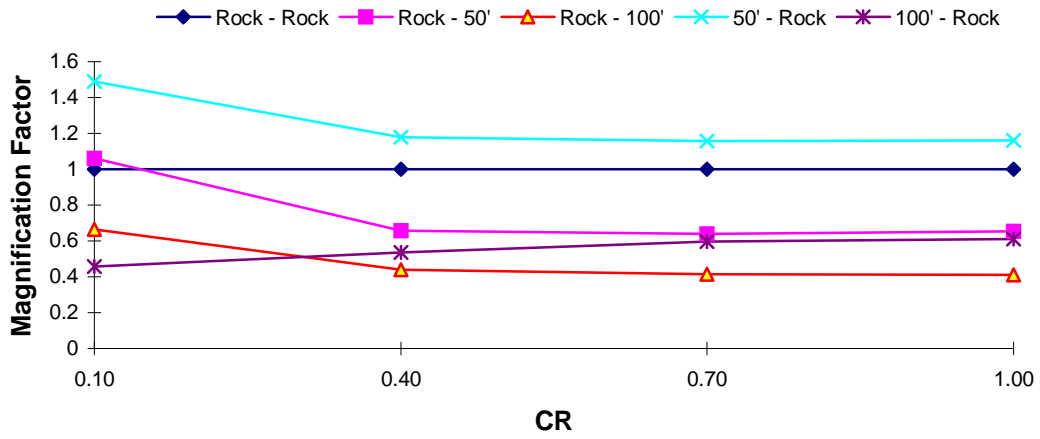
DOF 2 Magnification Factor : El Centro EQ
 $T_1 = 0.5$ s, $TR = 0.7$



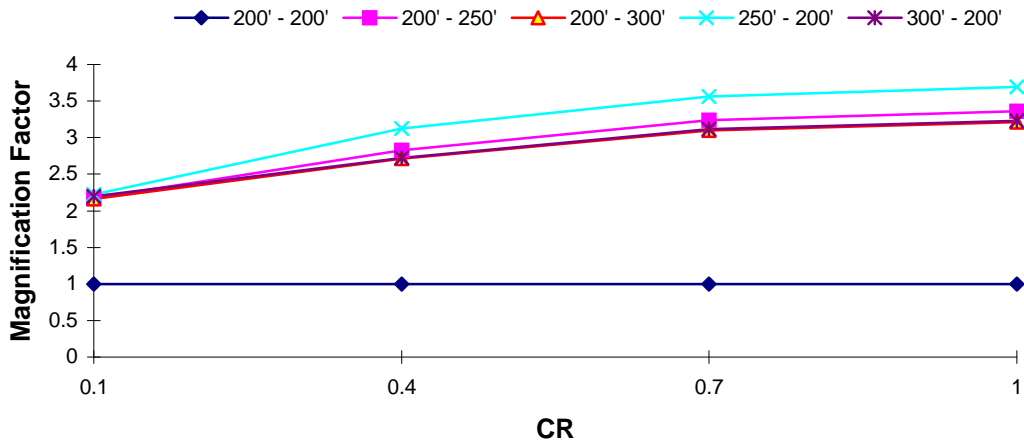
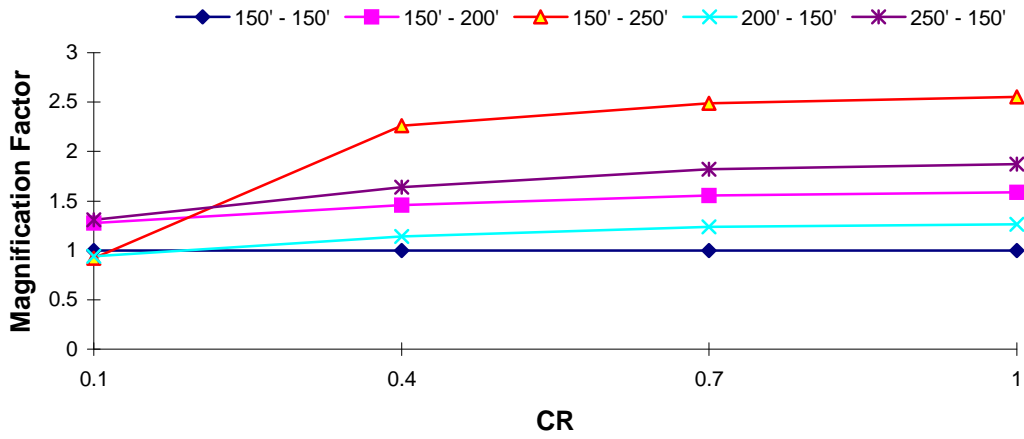
DOF 1 Magnification Factor : Northridge EQ
 $T_1 = 0.5 \text{ s}$, $TR = 0.7$



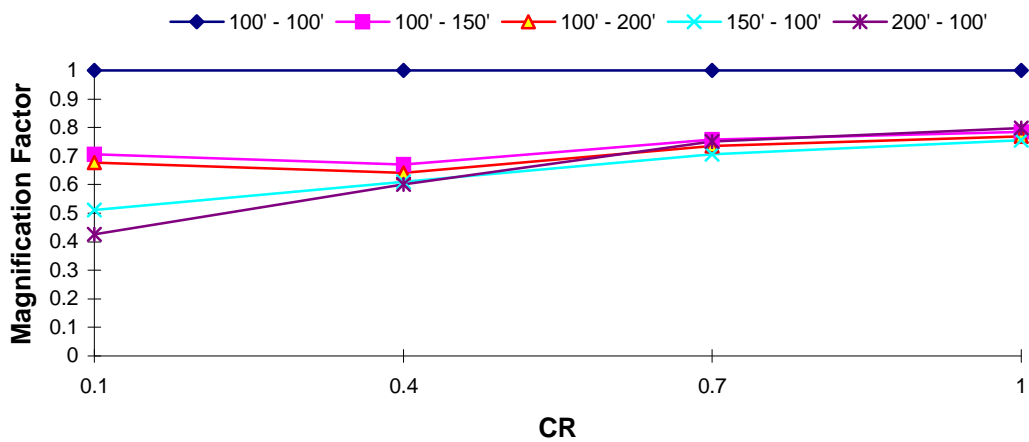
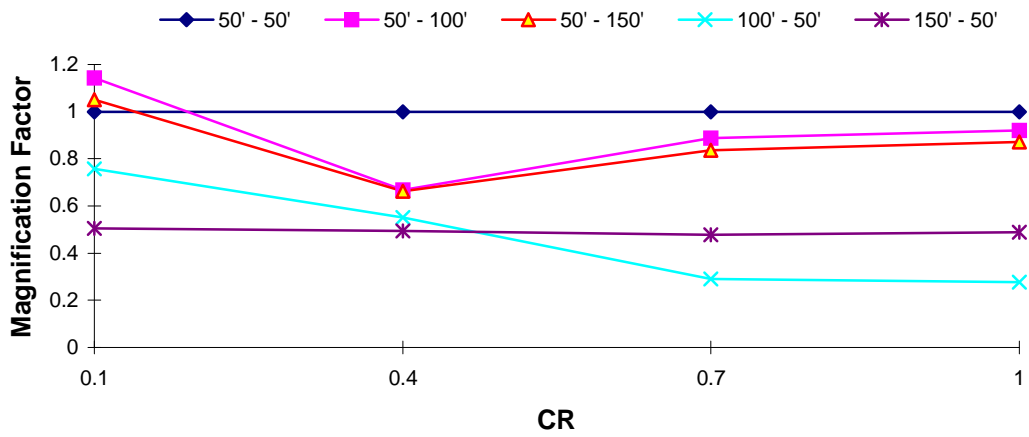
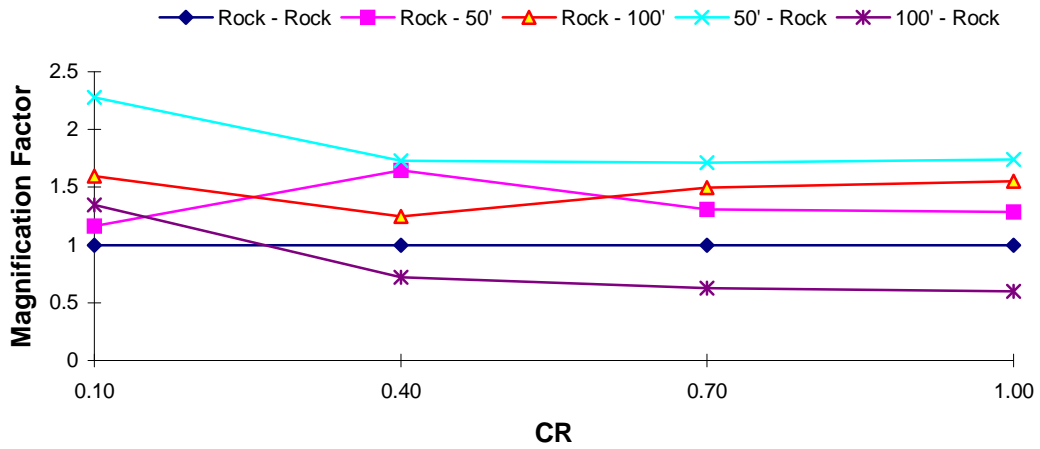
DOF 1 Magnification Factor : Northridge EQ
 $T_1 = 0.5$ s, $TR = 0.7$



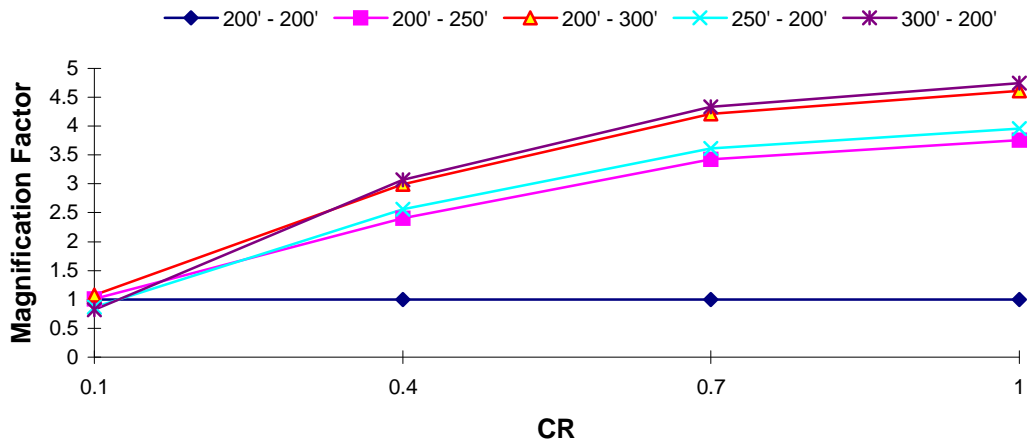
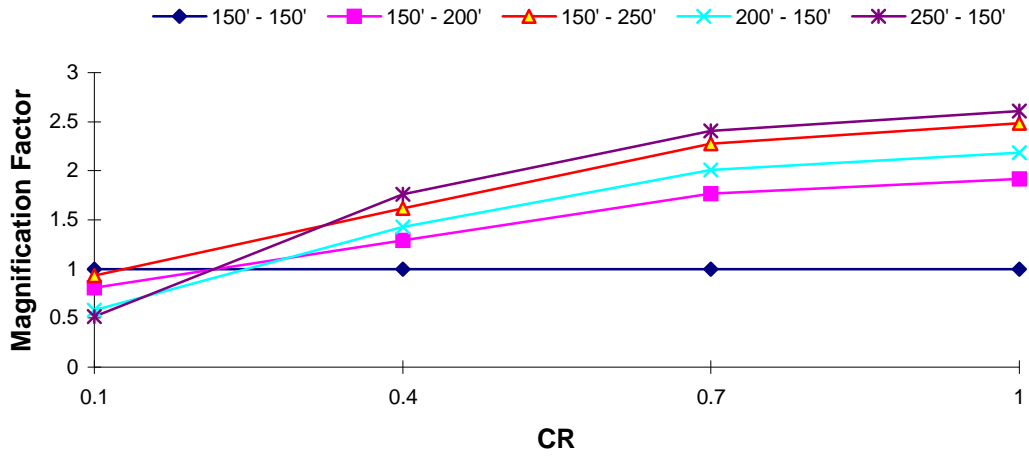
DOF 2 Magnification Factor : Northridge EQ
 $T_1 = 0.5$ s, $T_R = 0.7$



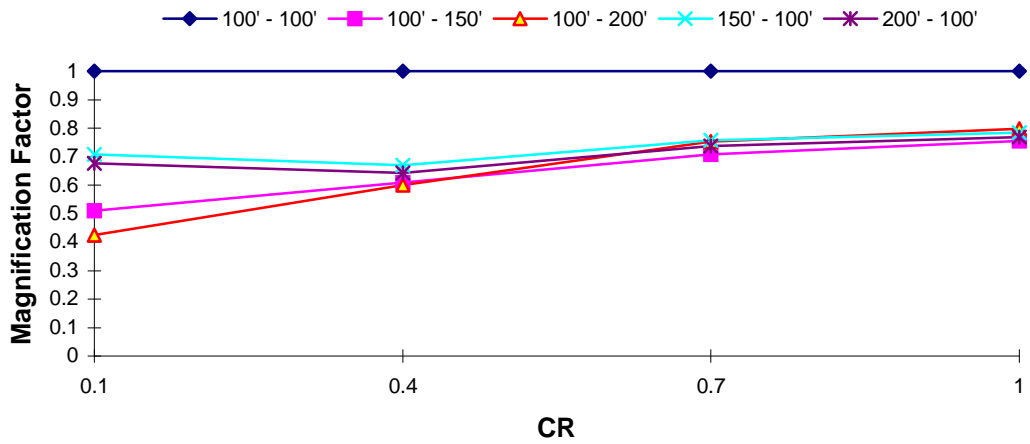
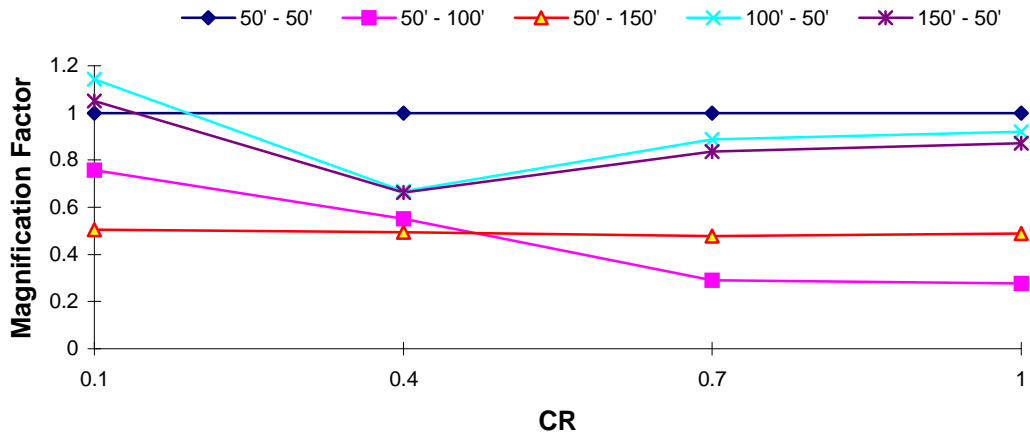
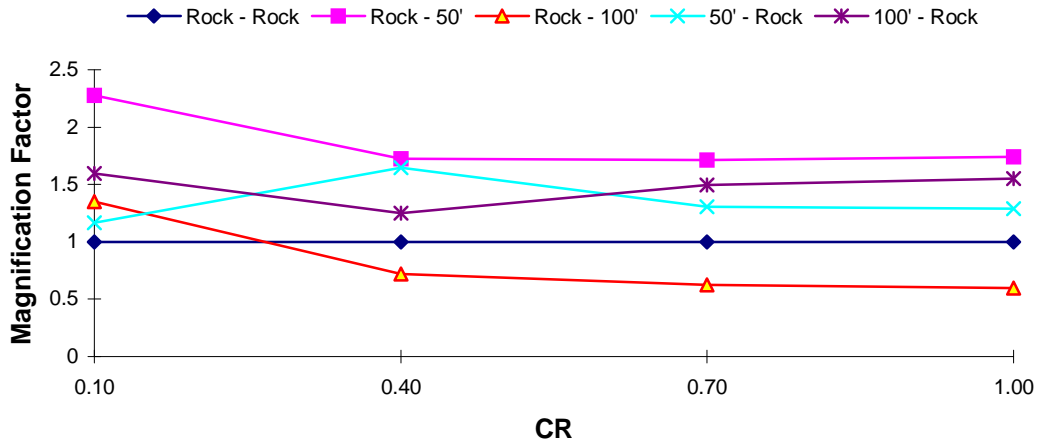
DOF 2 Magnification Factor : Northridge EQ
 $T_1 = 0.5 \text{ s}$, $TR = 0.7$



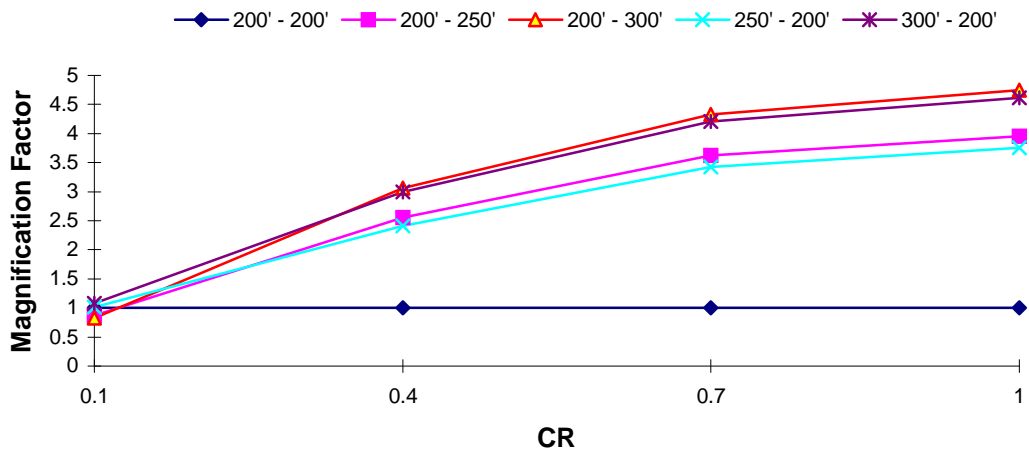
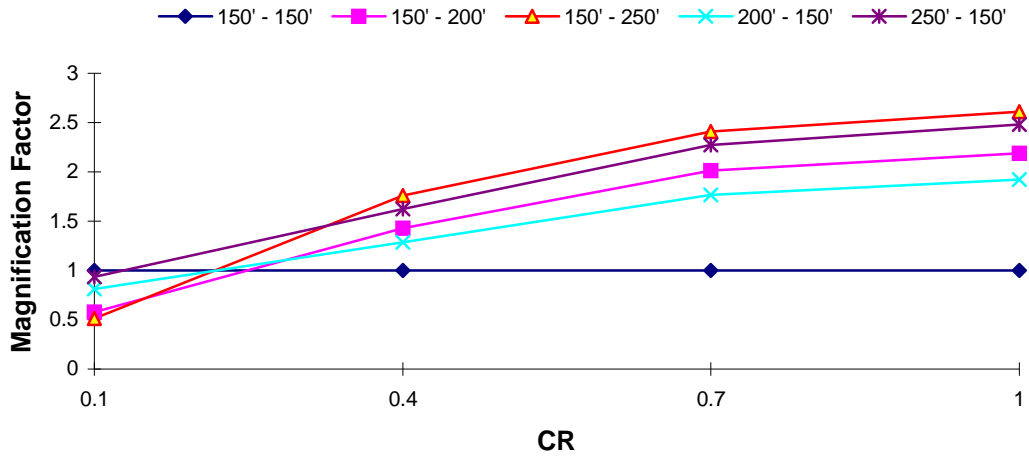
DOF 1 Magnification Factor : Taft EQ
 $T_1 = 0.5$ s, $T_R = 1.0$



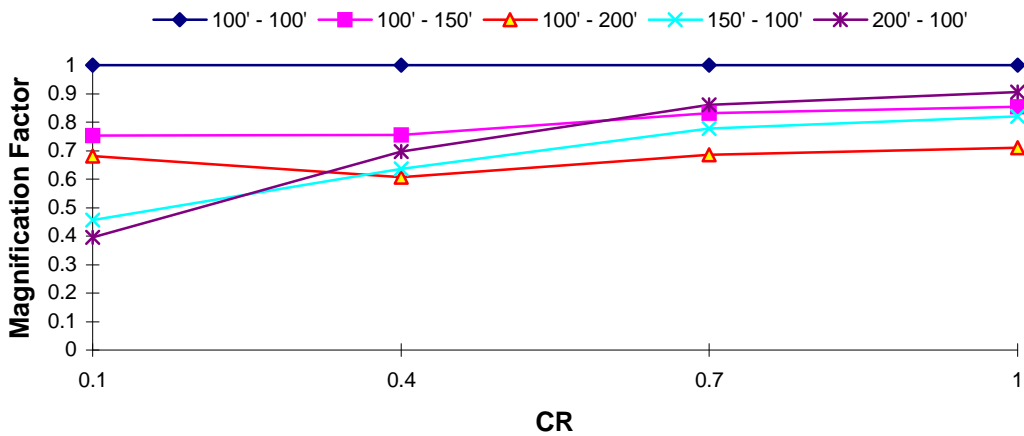
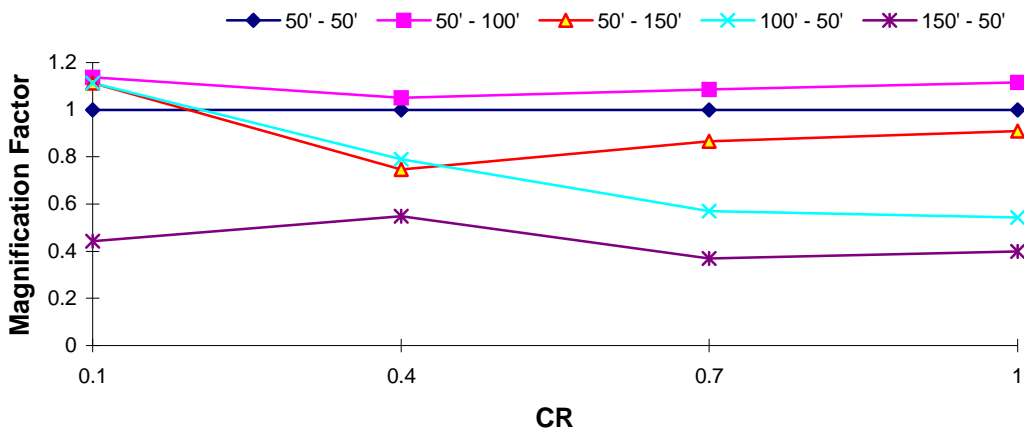
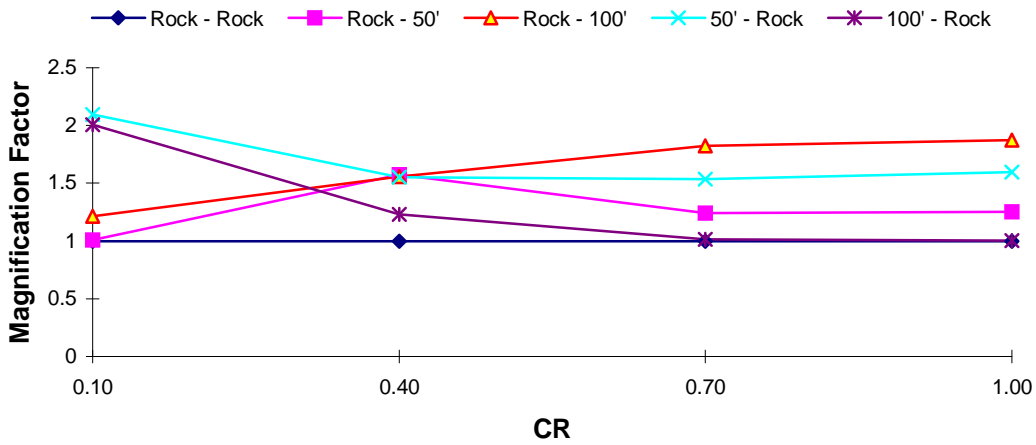
DOF 1 Magnification Factor : Taft EQ
 $T_1 = 0.5$ s, $TR = 1.0$



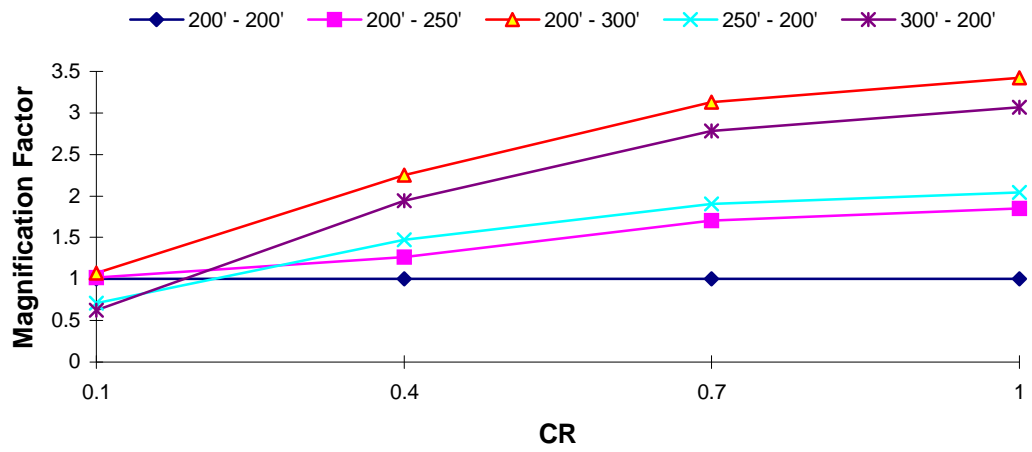
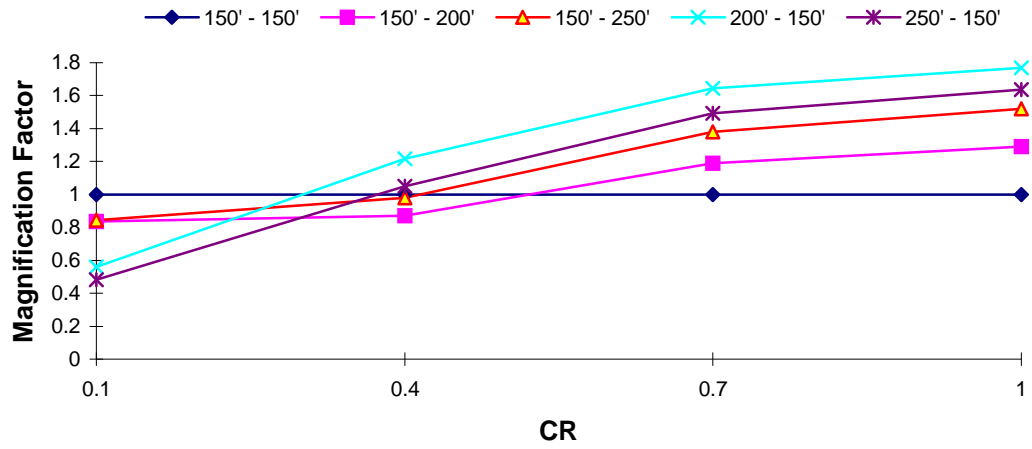
DOF 2 Magnification Factor : Taft EQ
 $T_1 = 0.5$ s, $TR = 10$



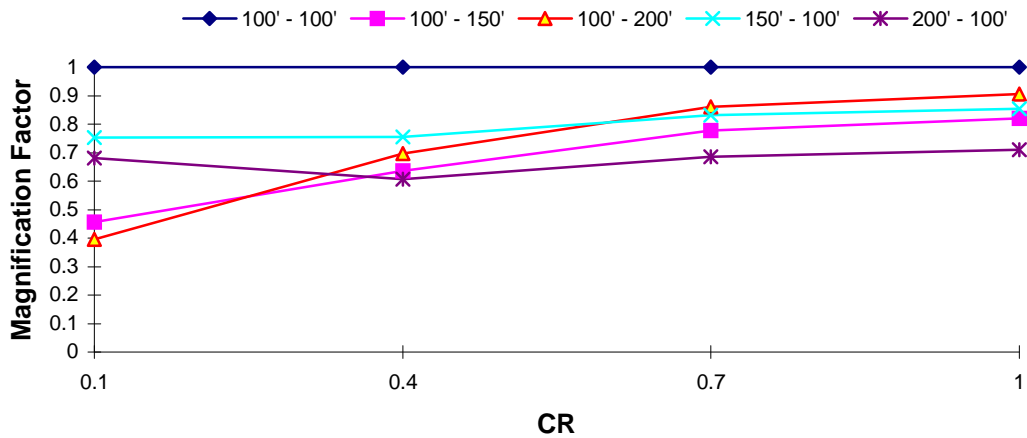
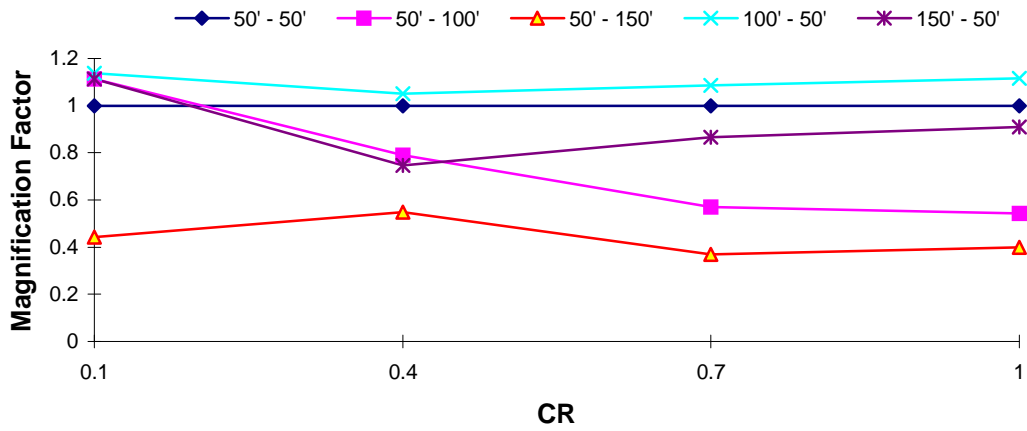
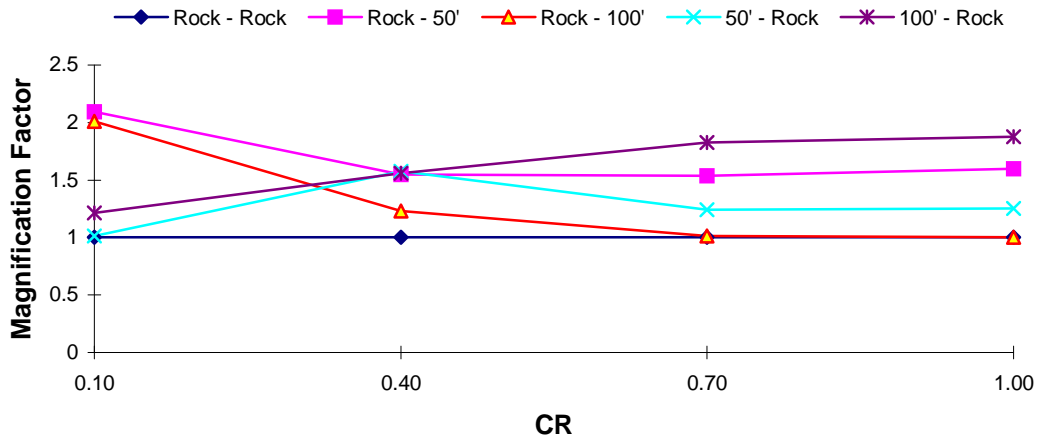
DOF 2 Magnification Factor : Taft EQ
 $T_1 = 0.5$ s, $TR = 1.0$



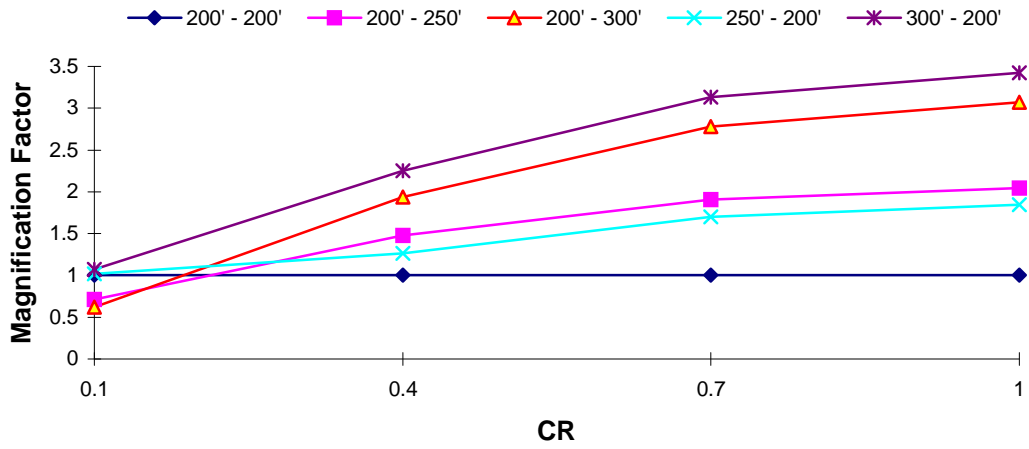
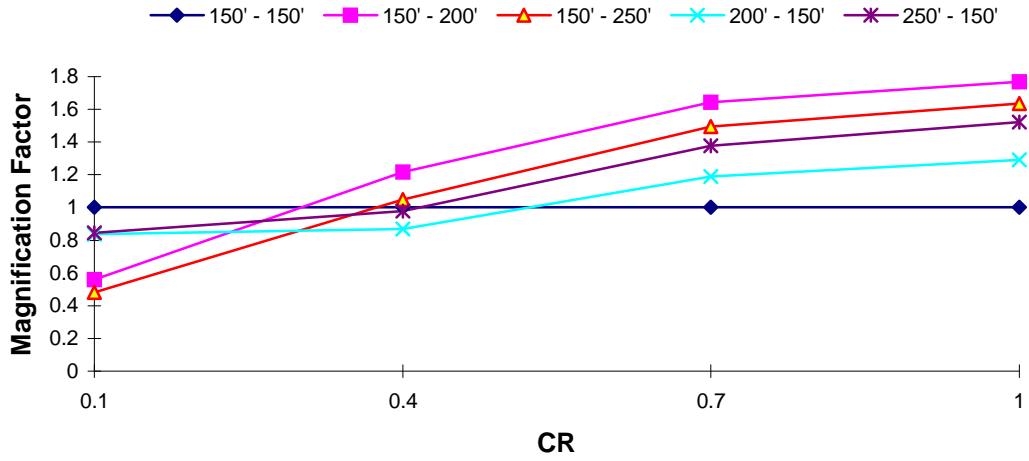
DOF 1 Magnification Factor : El Centro EQ
 $T_1 = 0.5$ s, $TR = 1.0$



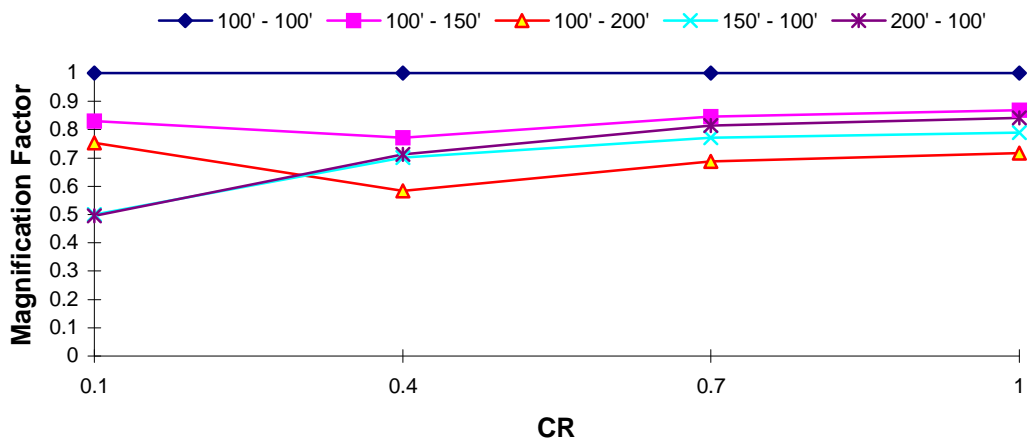
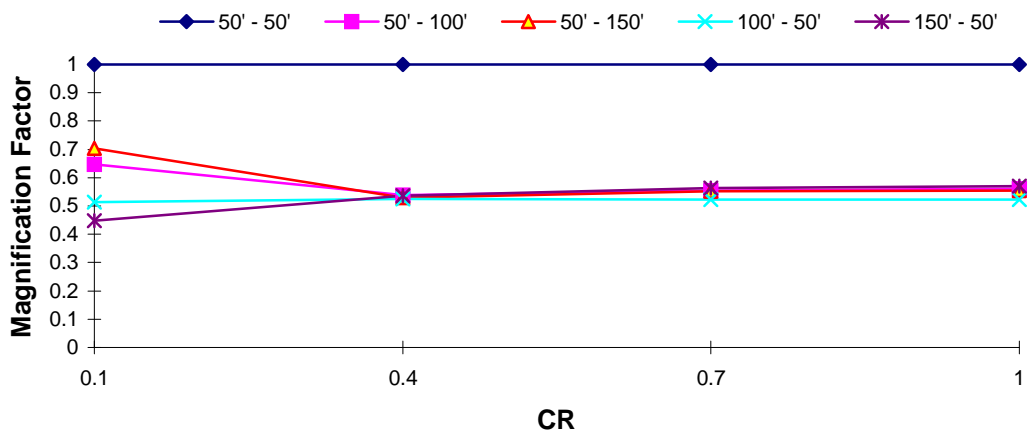
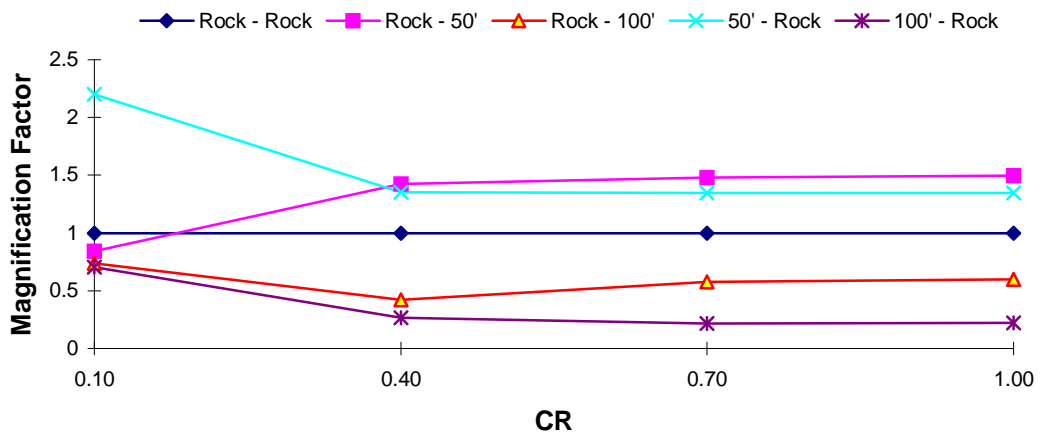
DOF 1 Magnification Factor : El Centro EQ
 $T_1 = 0.5$ s, $TR = 1.0$



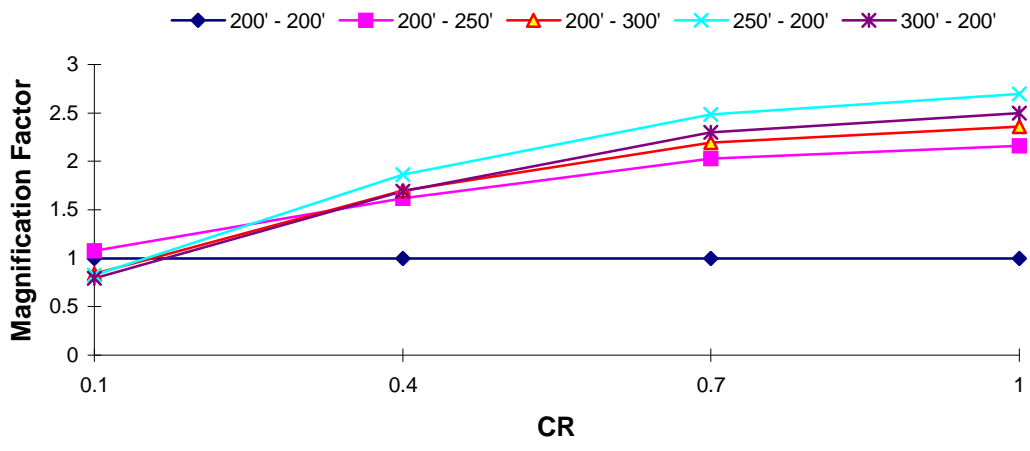
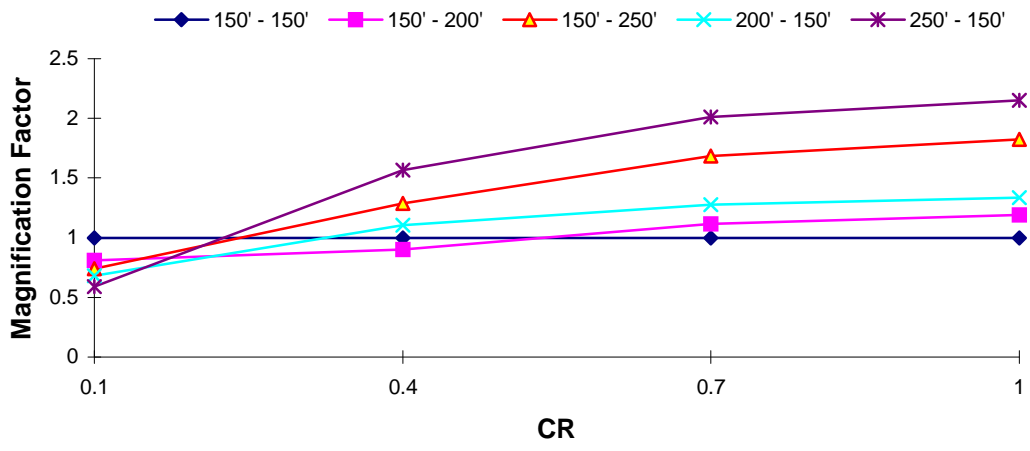
DOF 2 Magnification Factor : El Centro EQ
 $T_1 = 0.5$ s, $TR = 1.0$



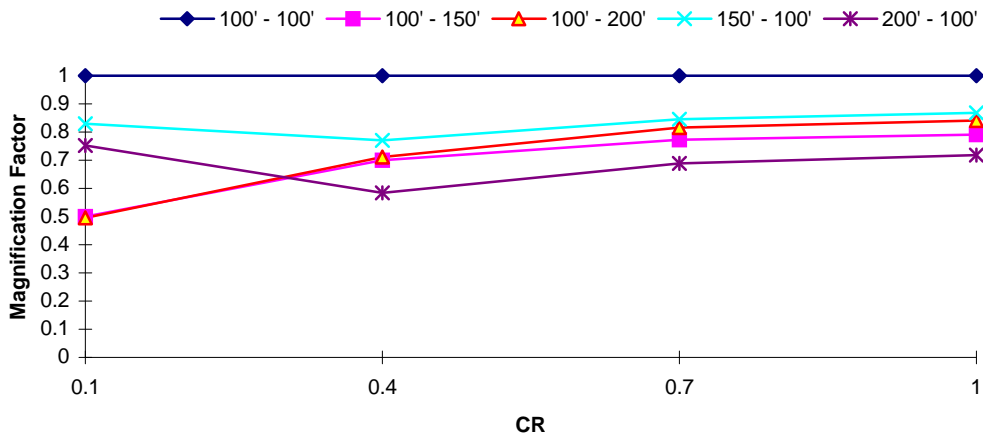
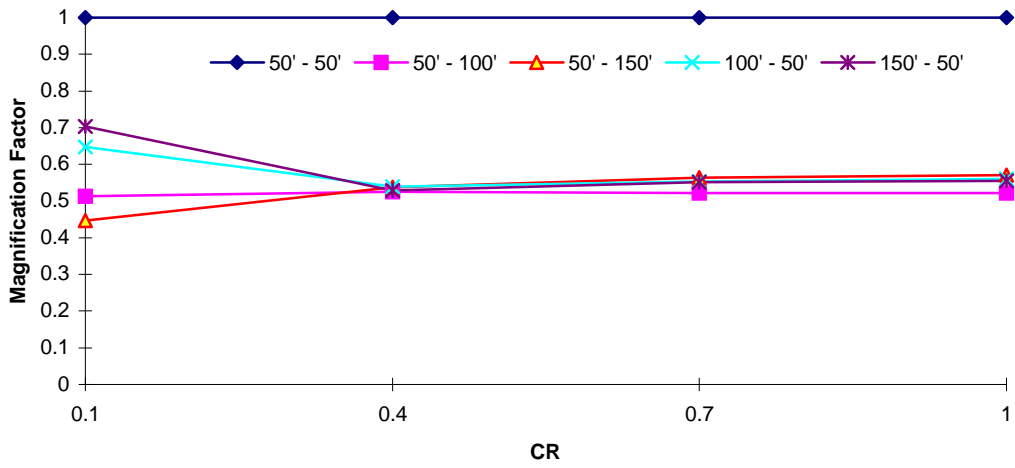
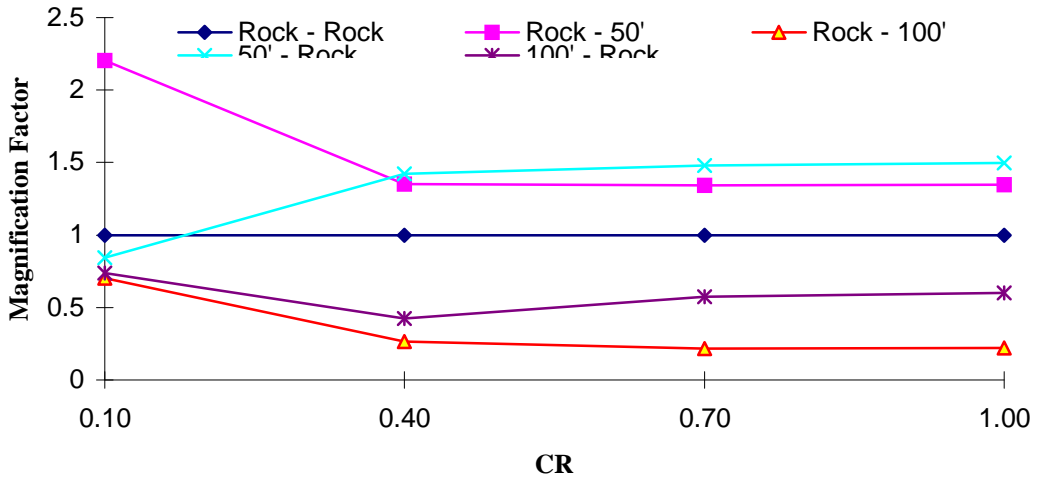
DOF 2 Magnification Factor : El Centro EQ
 $T_1 = 0.5$ s, $TR = 1.0$



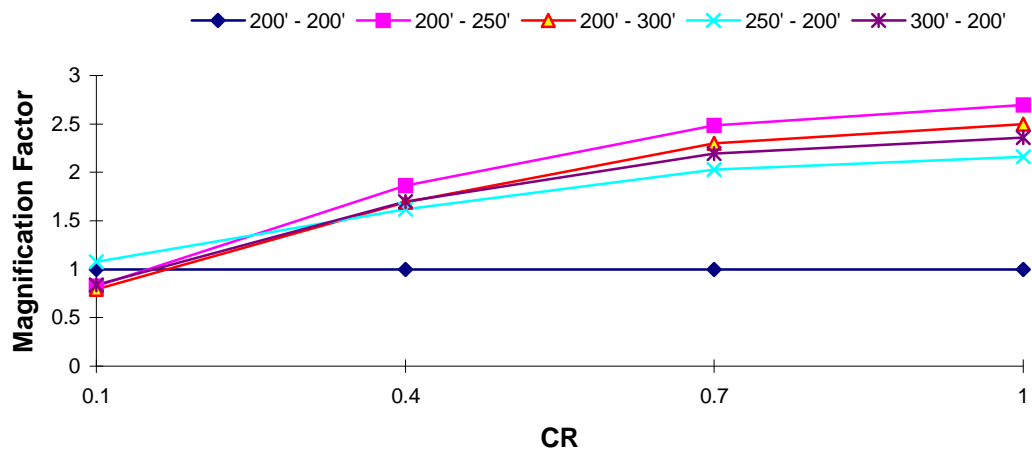
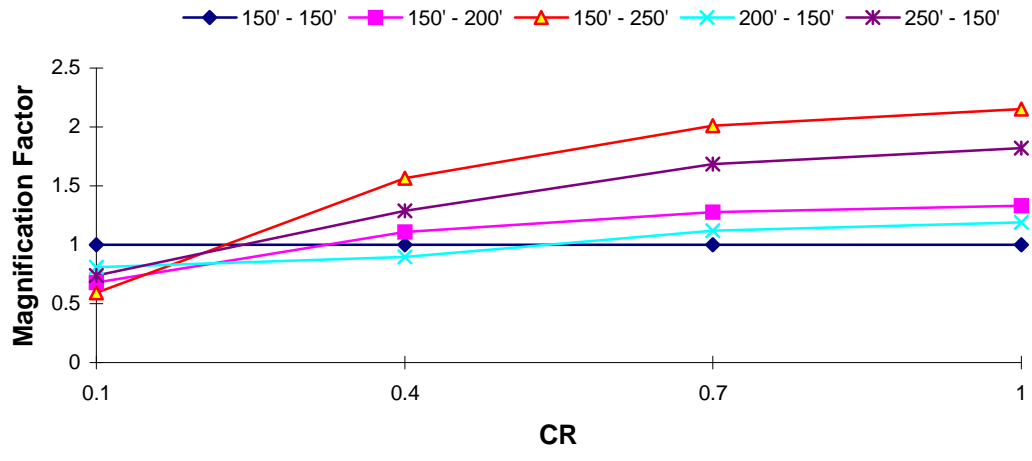
DOF 1 Magnification Factor : Northridge EQ
 $T_1 = 0.5$ s, $TR = 1.0$



DOF 1 Magnification Factor : Northridge EQ
 $T_1 = 0.5$ s, $TR = 1.0$



DOF 2 Magnification Factor : Northridge EQ
 $T_1 = 0.5 \text{ s}$, $TR = 1.0$



DOF 2 Magnification Factor : Northridge EQ
 $T_1 = 0.5$ s, $TR = 1.0$