Off Strike Displacement of Reverse Faulting

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Width of Rupture Zone = WRZ
Hanging Wall = HW
Foot Wall = FW
11 Events characterized enough to perform statistics on (need more!)
Removed sympathetic displacement, $Sy$ (i.e., slope stability), and in other plots flexural slip, $F-S$, and bending moment, $B-M$. 
fit of Power function to the data for forecasting purposes
Comparing Foot and Hanging Wall width of rupture zones (WRZ)
No clear $X/L$ dependence (unlike principle rupture)
No clear dependence of WRZ on the Principle Vertical Displacement
Summary:

• Collected available off strike displacement data to quantify the width of rupture zone for reverse faulting

• Removed other displacement effects from the data (Sy, F-S, B-M)

• Adjusted data for bias (not shown)

• Fit power function to data for forecasting purposes

• Evaluated data for dependence on X/L and Vertical Displacement, found no relationship.