Graphic Representation. Error in predicted group center for various input sets.

**Before True**

800 m 1200 m

**After MV True**

800 m 1200 m

**After MV and DSF True**

800 m 1200 m

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**Good Chrono + CDM + ZERO =**

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This is the best case scenario for predictability. You know the MV, CDM, and have a good 100m zero. Your fire solution will be accurate at range.

**Good Chrono + BC + ZERO =**

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Next best is having a MV, BC and good 100m zero. This is almost as good as a CDM, but will suffer more after supersonic.

**CDM + ZERO =**

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Without a chrono, you need to calibrate MV at transonic, or you'll miss. CDM does a very good job of tracking past the range you calibrate MV.

**BC + ZERO =**

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Need to calibrate MV at transonic. BC based solution will degrade faster beyond MV true point.

**ZERO =**

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If you don’t have a chrono, CDM, or BC, you can still get on by truing. In this case the prediction past the trued point is highly subject until you cal DSF.