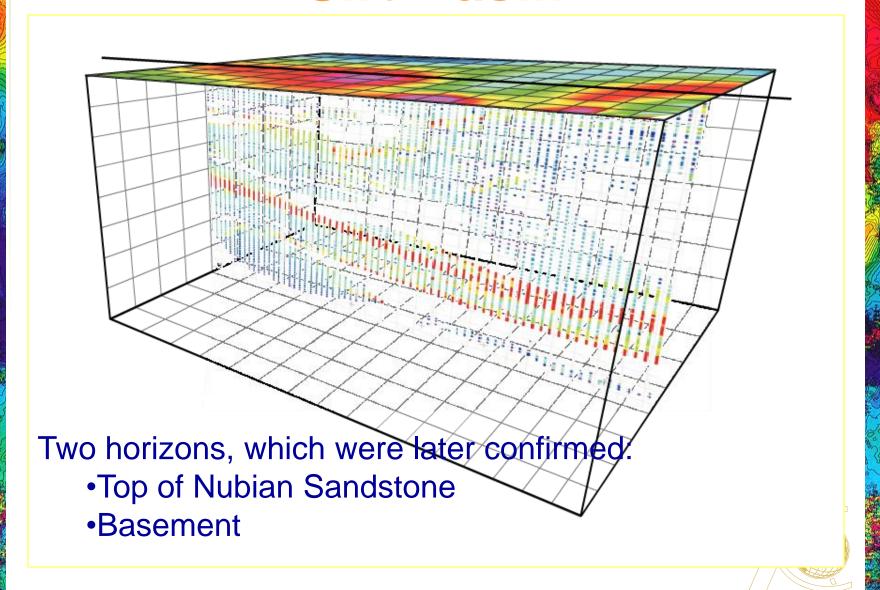
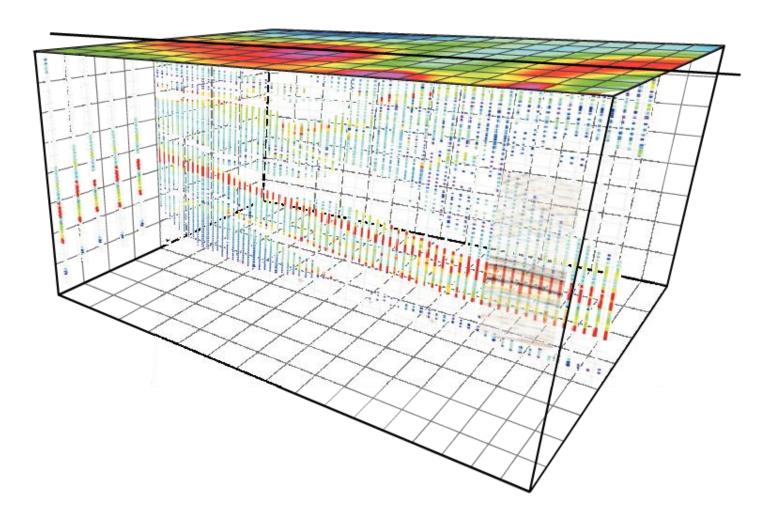
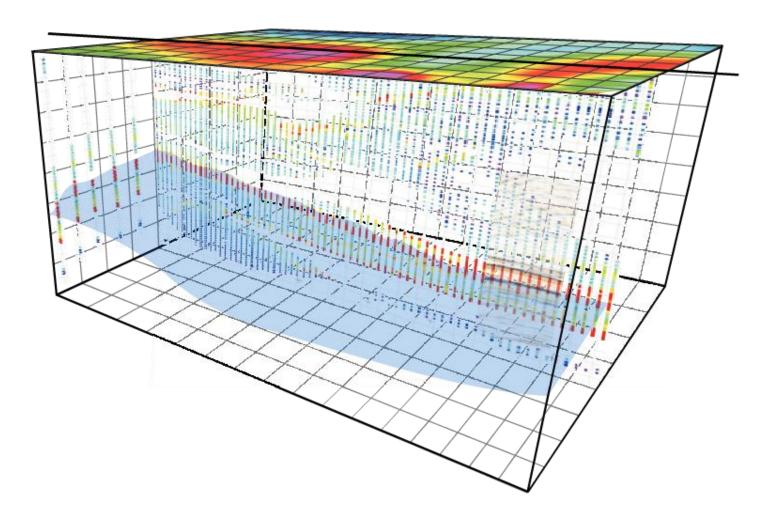


Sirt Basin



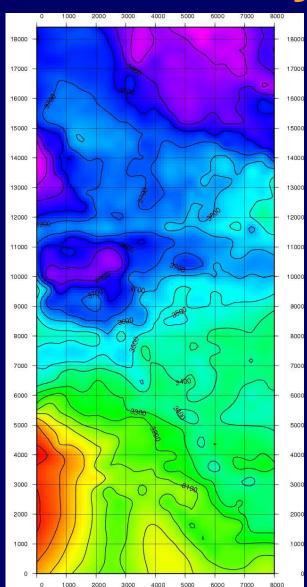








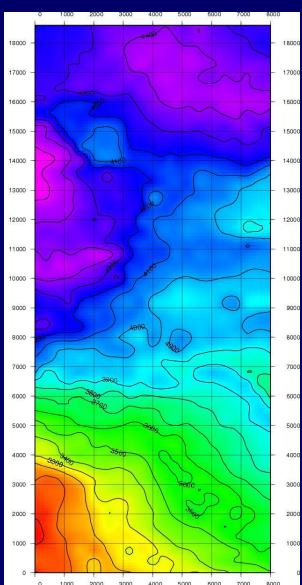
Analysis results



Top of Nubian Sandstones



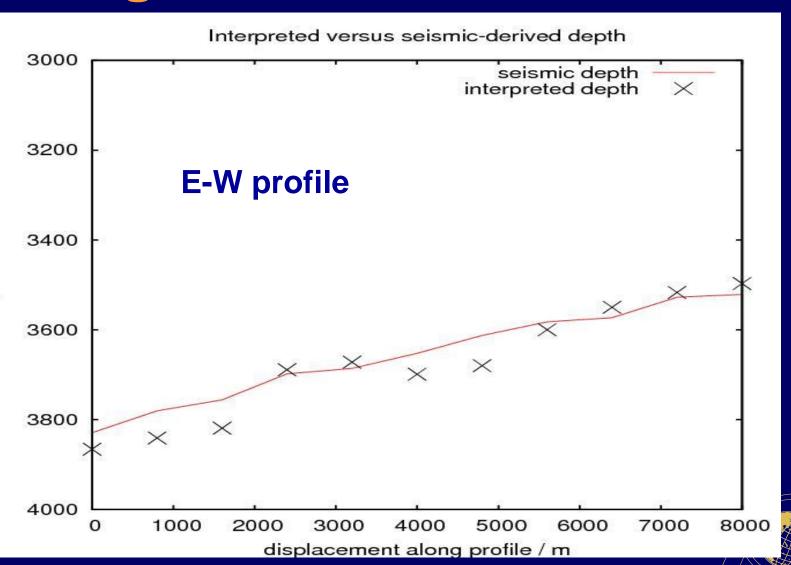
Analysis 2



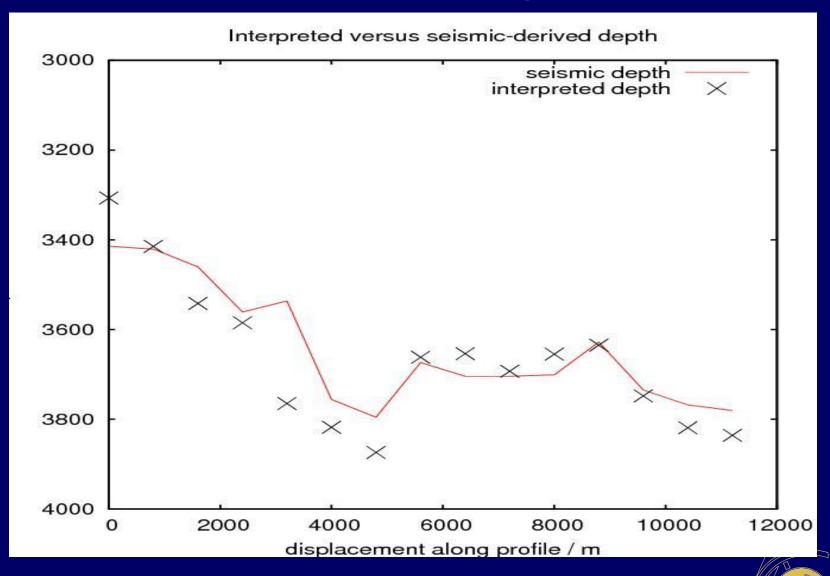
Top of Basement



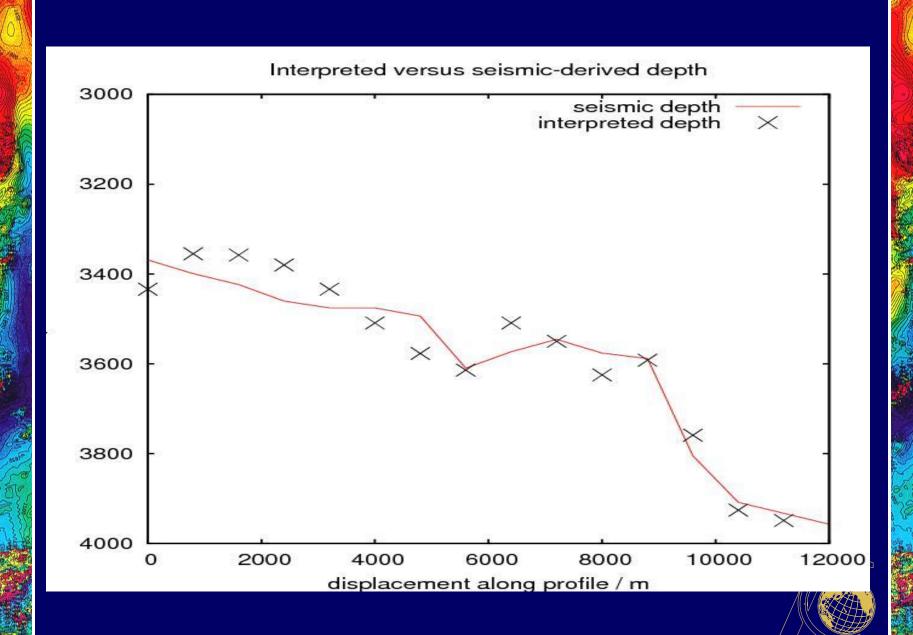
Agreement with seismic



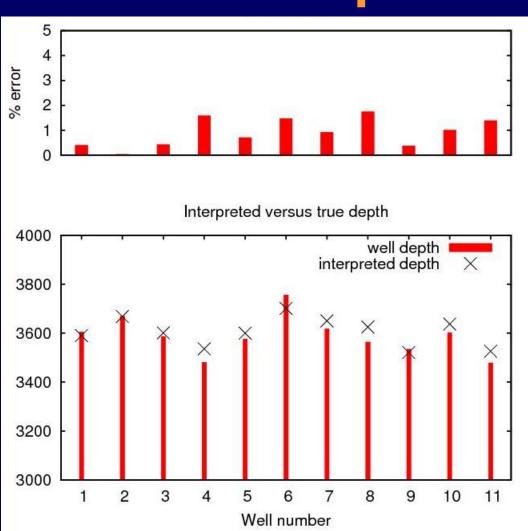
S-N profile 1



S-N profile 2



Agreement with well depths



Relative Error %

Absolute



Conclusions

- The Multi-Window Test can determine optimal window sizes for spectral analysis.
- Multi-Window Test plateaus can image multiple horizons.
- With the aid of MWT, spectral analysis of aeromagnetic data can be used successfully to image basement and intra-sedimentary horizons in the Sirt Basin.