

Supplementary Information for: Adaptive and accuracy-aware multiple data assimilation in a three step framework

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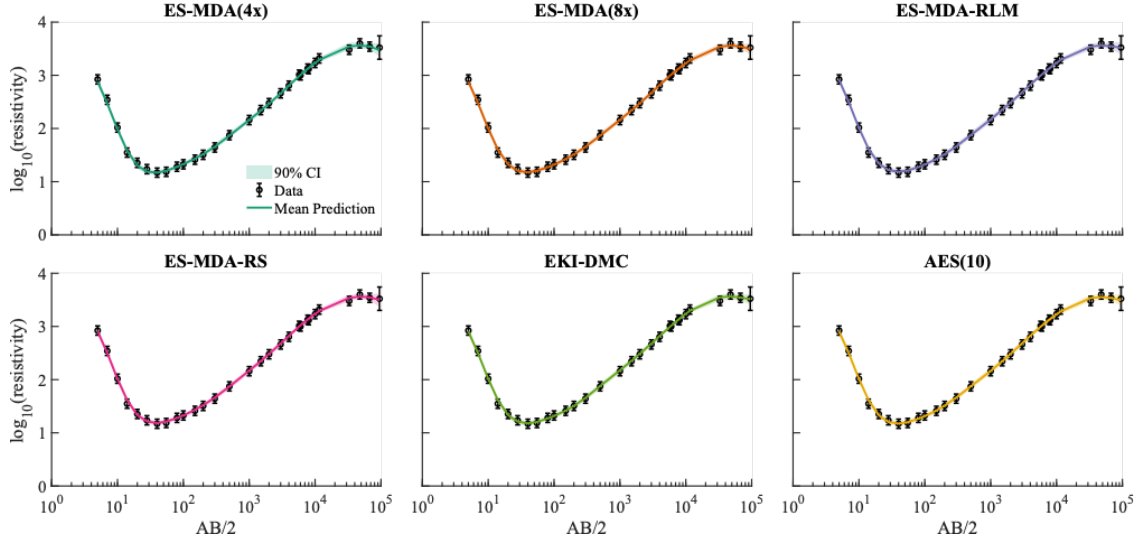


Figure S1: DCR data fits of the final ensemble for each ES-MDA method.

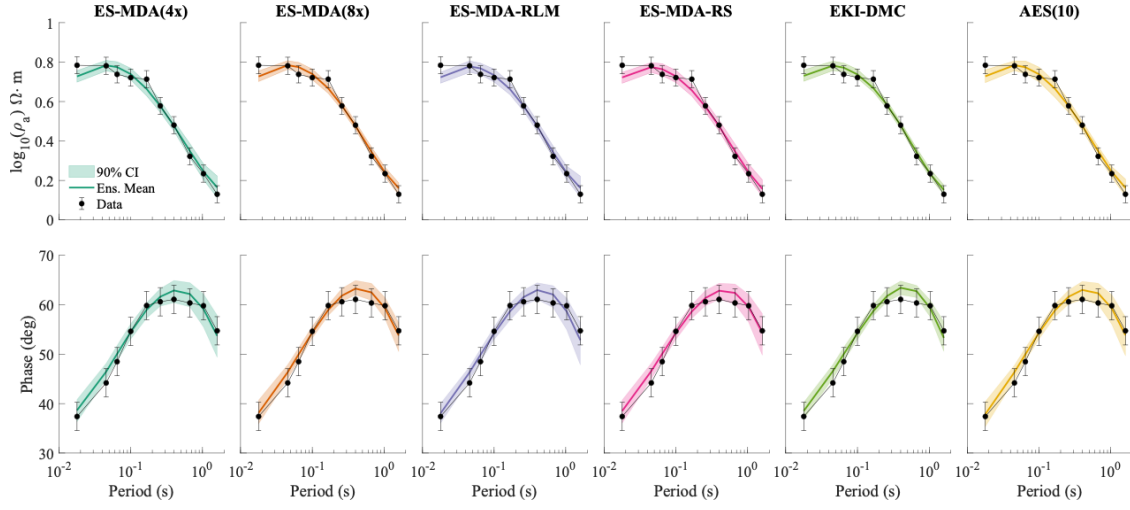


Figure S2: MT data fits of the final ensemble for each ES-MDA method.

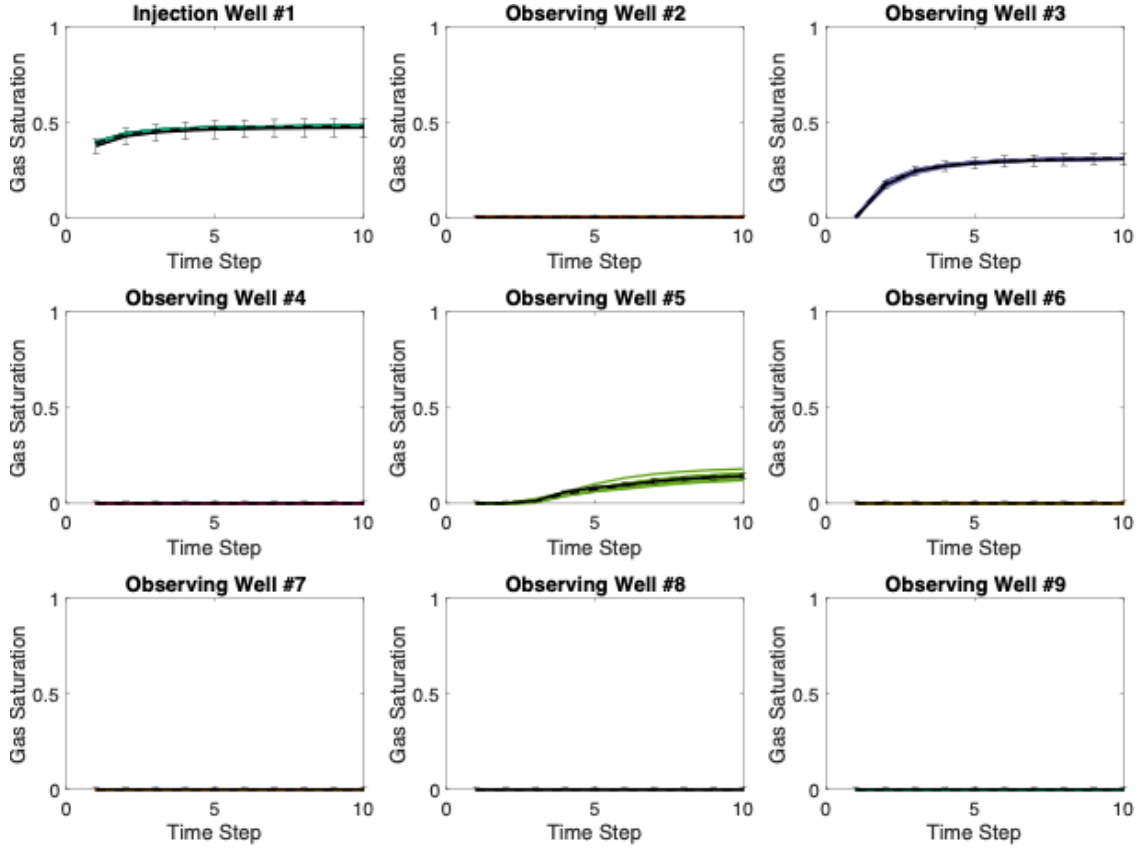


Figure S3: 2D reservoir data fits of gas saturation at each well with the final ensemble for each ES-MDA method.

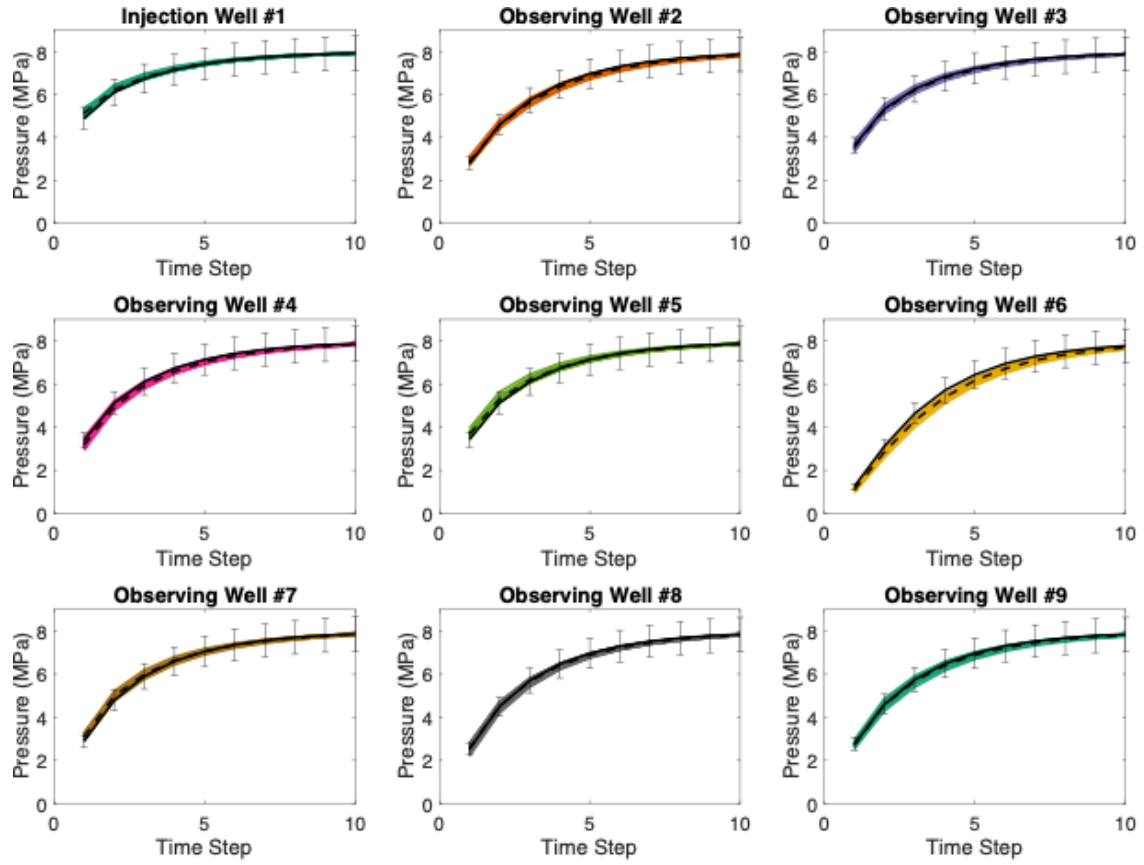


Figure S4: 2D reservoir data fits of pressure at each well with the final ensemble for each ES-MDA method.