Supporting Information

Multi-objective Optimization of Experiments using Curvature and Fisher Information Matrix

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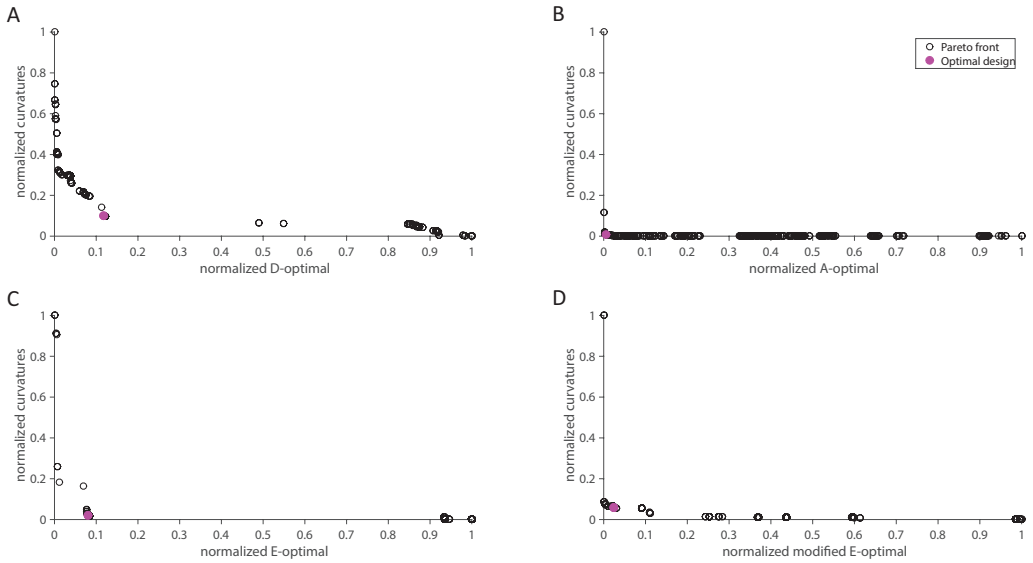

Figure S1: Pareto frontier of the MOO MBDOE using curvatures and a FIM-based criterion: (**A**) D-optimal, (**B**) A-optimal, (**C**) E-optimal, (**D**) modified E-optimal. The axes are normalized in the range 0 to 1. The optimal design corresponds to the solution nearest to the origin according to Eucledian distance (shown in magenta).

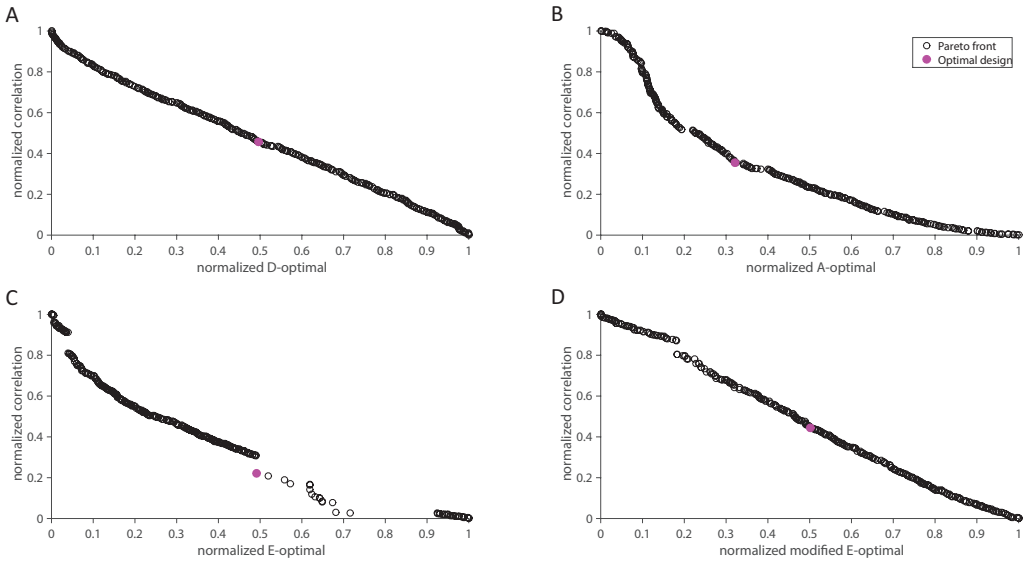

Figure S2: Pareto frontier of the MOO MBDOE using correlation and a FIM-based criterion: (**A**) D-optimal, (**B**) A-optimal, (**C**) E-optimal, (**D**) modified E-optimal. The axes are normalized in the range 0 to 1. The optimal design corresponds to the solution nearest to the origin according to Eucledian distance (shown in magenta).