Supplementary Materials

Mean Squared Error (MSE) for Polynomials for Production System-Treatment Pairs

The following four tables report the MSE for polynomials of degrees 1 to 6 for data for each production system-treatment pair.

Table S1. Mean Squared Error (MSE) for Fitting of Increment in Net Returns ha^{-1}: Organic, Steam

Degree of Polynomial	MSE
1	4.01e+08
2	2.08e+10
3	2.01e+16
4	2.99e+14
5	9.55e+15
6	1.09e+17

Table S2. Mean Squared Error (MSE) for Fitting of Increment in Net Returns ha^{-1}: Organic, Steam + MSM

Degree of Polynomial	MSE
1	8.84e+08
2	5.38e+08
3	2.85e+09
4	1.04e+13
5	2.37e+14
6	6.18e+14

Table S3. Mean Squared Error (MSE) for Fitting of Increment in Net Returns ha^{-1}: Conventional, Steam

Degree of Polynomial	MSE
1	2.44e+08
2	2.48e+08
3	7.06e+08
4	2.02e+12
5	1.89e+16
6	1.66e+17

Table S4. Mean Squared Error (MSE) for Fitting of Increment in Net Returns ha^{-1}: Conventional, Steam + MSM

Degree of Polynomial	MSE
1	5.53e+07
2	1.25e+09
3	1.16e+12
4	4.89e+12
5	2.39e+13
6	7.80e+13

Predicting Absolute Net Returns Ha^{-1} by Production System and Treatment

Table S5. Mean Squared Error (MSE) for Fitting of Absolute Net Returns ha^{-1}: Organic, Steam

Degree of Polynomial	MSE

1	1.13e+09
2	9.20e+10
3	2.01e+16
4	2.99e+14
5	9.55e+15
6	1.09e+17

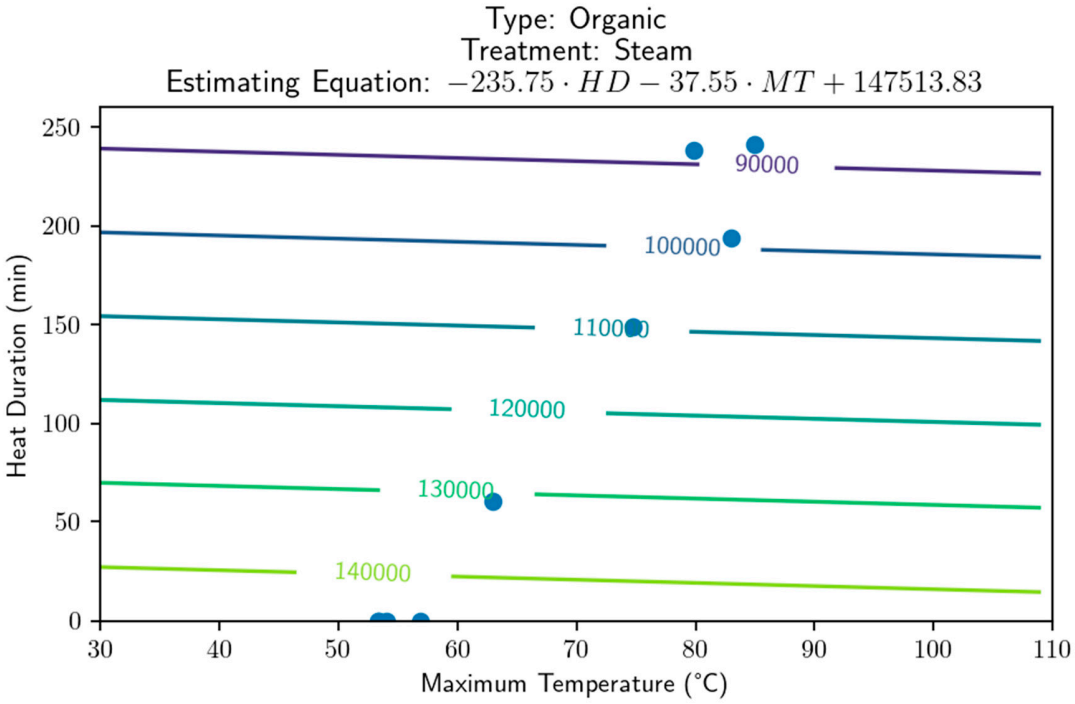

Figure S1. Iso-net return ha^{-1} curves for absolute net returns ha^{-1}: organic, steam

Table S6. Mean Squared Error (MSE) for Fitting of Absolute Net Returns ha^{-1}: Organic, Steam + MSM

Degree of Polynomial	MSE
1	9.46e+08
2	2.70e+09
3	6.26e+09
4	7.65e+11
5	9.51e+12
6	7.57e+10

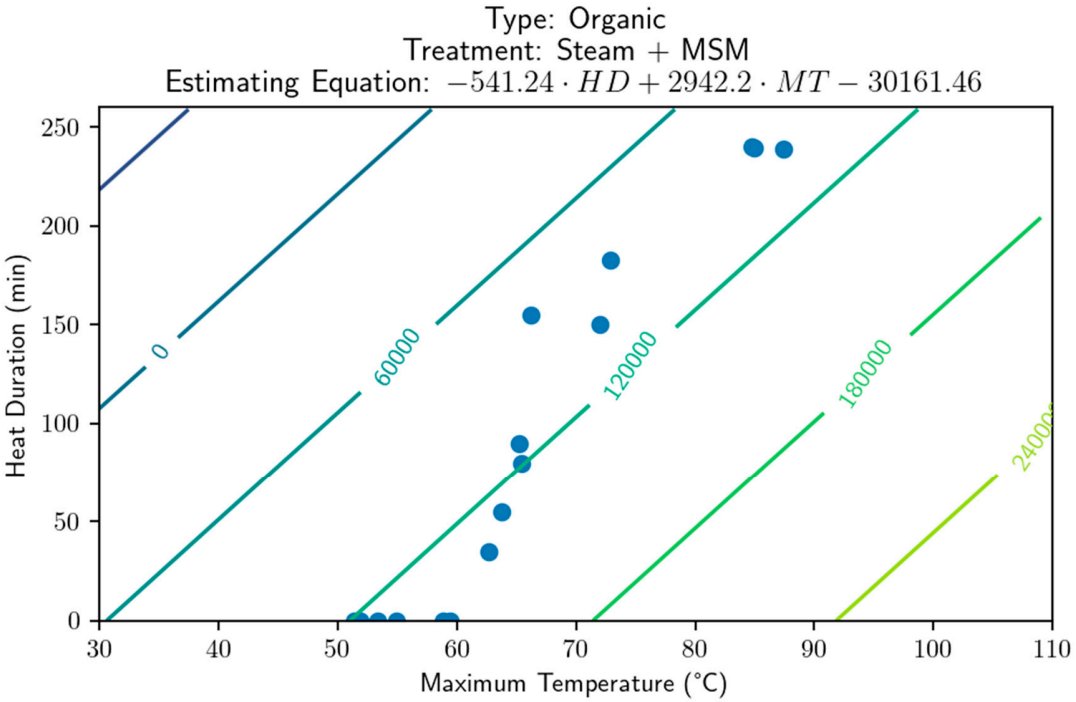

Figure S2. Iso-net return ha^{-1} curves for absolute net returns ha^{-1}: organic, steam + MSM

Table S7. Mean Squared Error (MSE) for Fitting of Absolute Net Returns ha^{-1}: Conventional, Steam

Degree of Polynomial	MSE
1	4.05e+08
2	1.79e+08
3	1.19e+09
4	2.92e+12
5	3.09e+16
6	2.72e+17

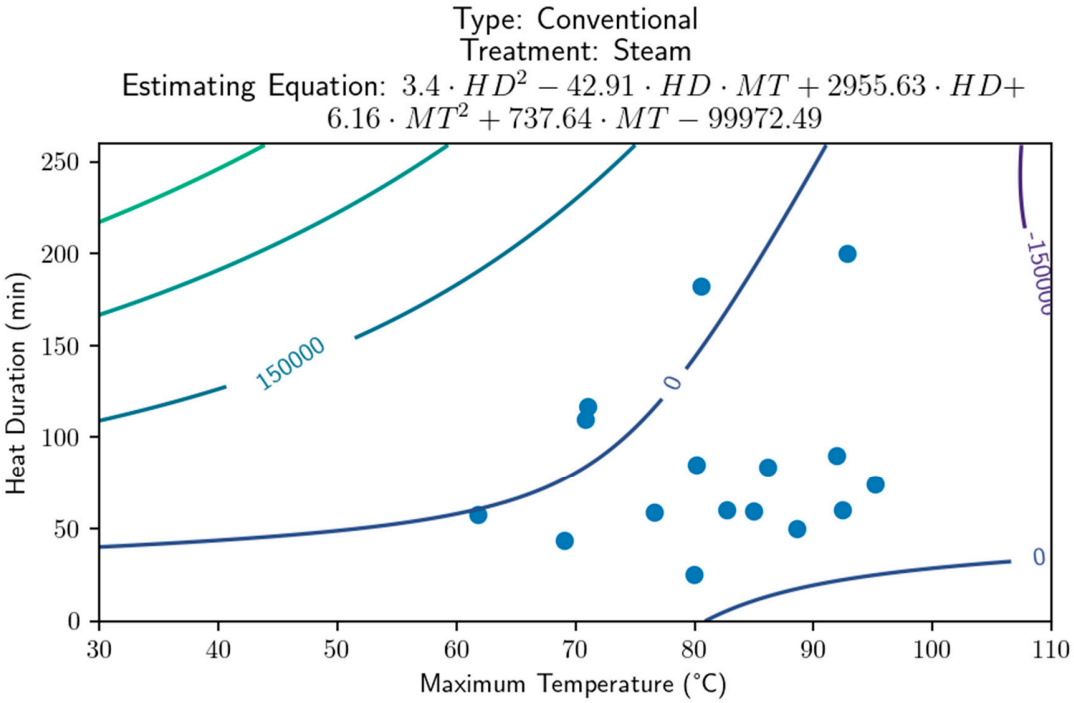

Figure S3. Iso-net return ha^{-1} curves for absolute net returns ha-1: conventional, steam

Table S8. Mean Squared Error (MSE) for Fitting of Absolute Net Returns ha^{-1}: Conventional, Steam + MSM

Degree of Polynomial	MSE
1	4.85e+08
2	1.73e+10
3	5.71e+11
4	3.22e+11
5	3.74e+11
6	2.21e+11

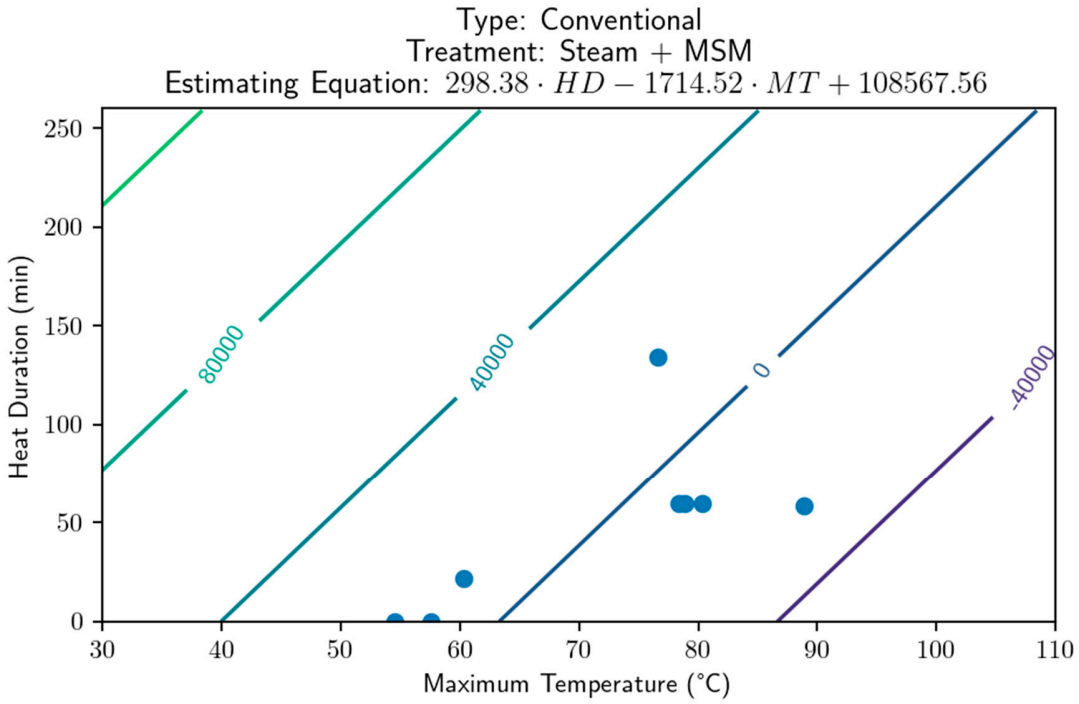

Figure S4. Iso-net return ha^{-1} curves for absolute net returns ha^{-1}: conventional, steam + MSM