$$\theta = \pi/2, \ \eta = 1/4$$

$$0.035 - \chi_s.d\hat{L} = 0$$

$$0.030 - \chi_s.d\hat{L} = -0.1$$

$$0.025 - \chi_s.d\hat{L} = -0.5$$

$$0.025 - \chi_s.d\hat{L} = -0.99$$

$$0.020 - \chi_s.d\hat{L} = -0.99$$

$$0.015 - \chi_s.d\hat{L} = 0.99$$

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$$0.015 - \chi_s.d\hat{L} = 0.09$$

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