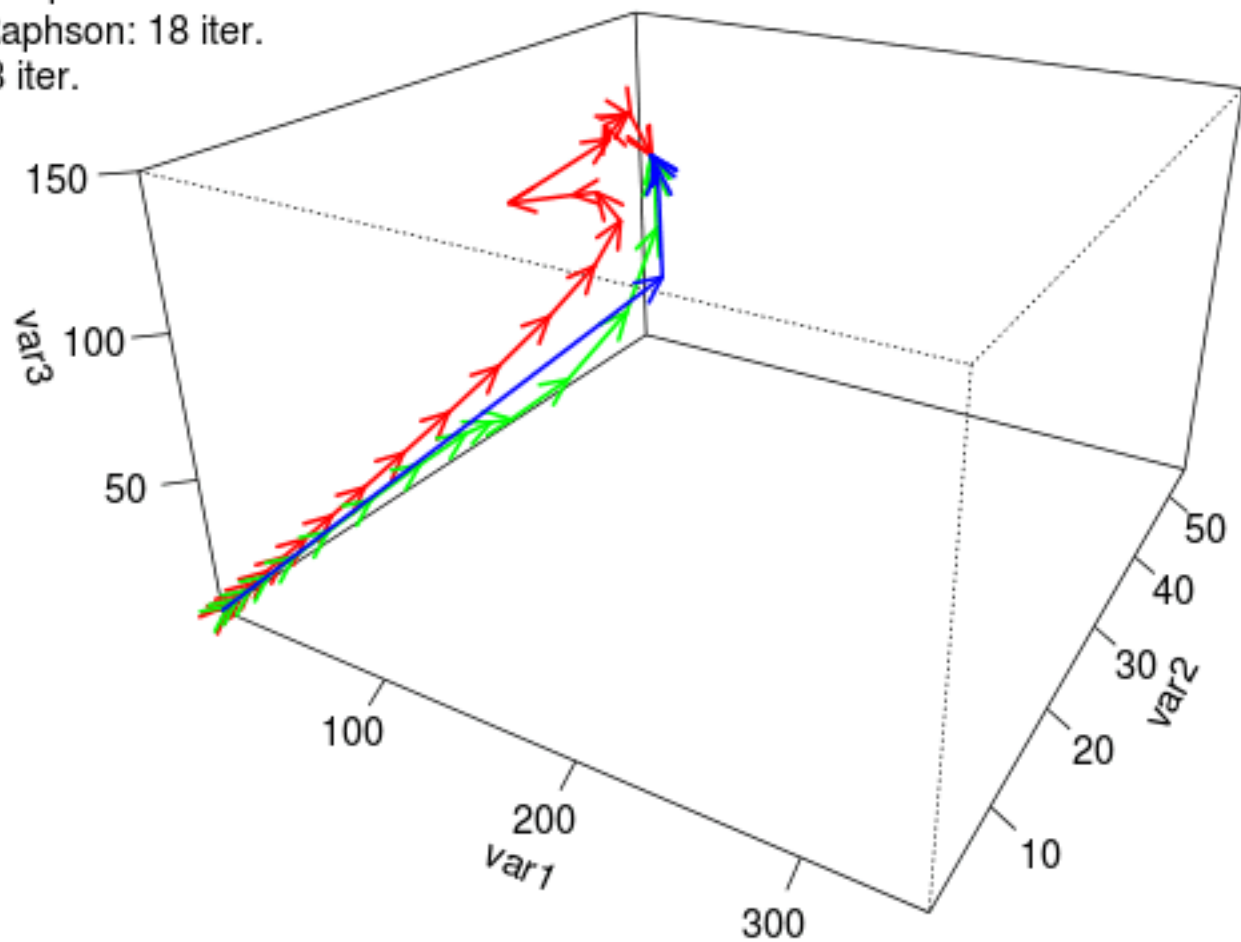


maximization of the frequency domain likelihood function

local level plus seasonal model: series 1

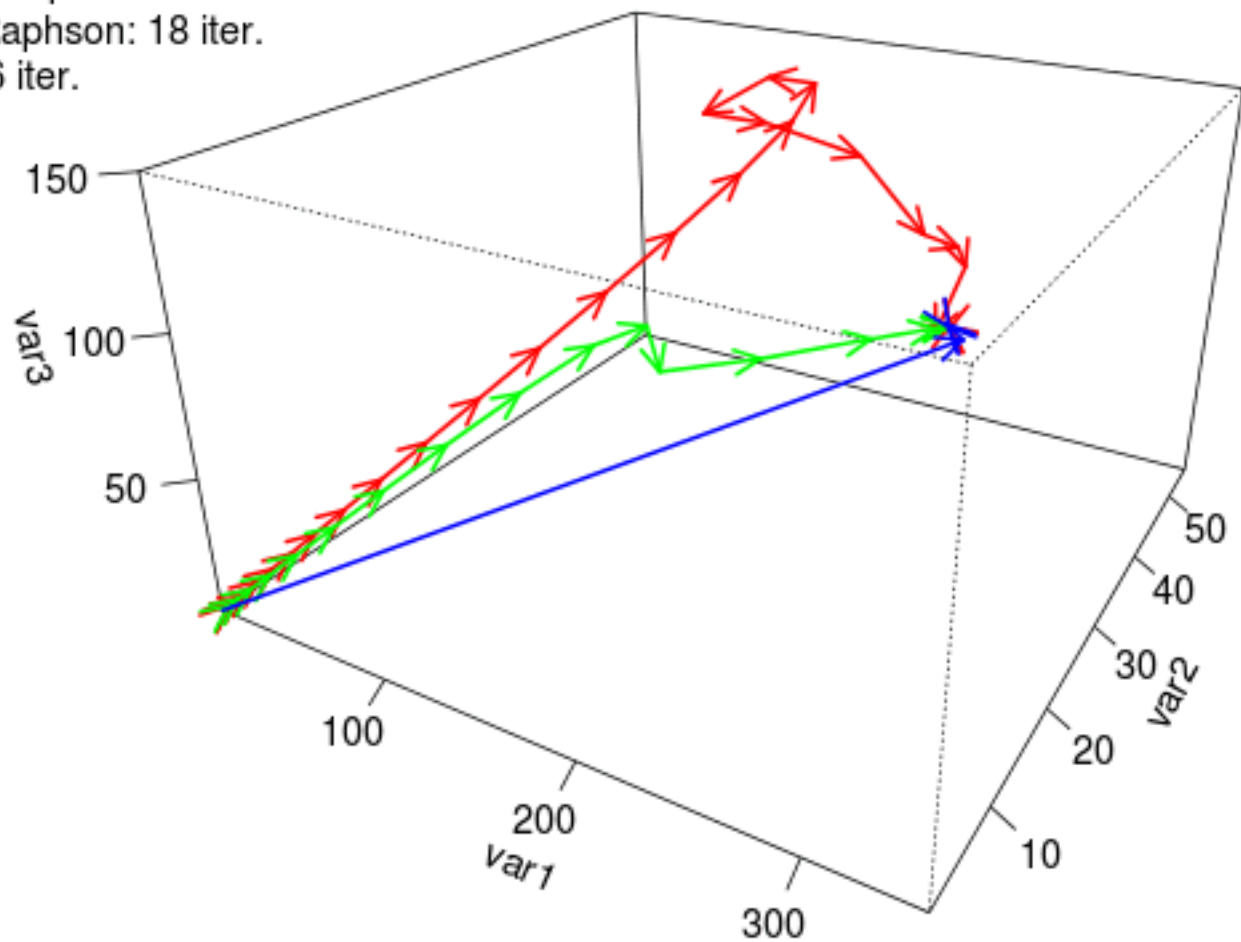
- L-BFGS-B-optm: 28 iter.
- Newton-Raphson: 18 iter.
- Scoring: 8 iter.



maximization of the frequency domain likelihood function

local level plus seasonal model: series 2

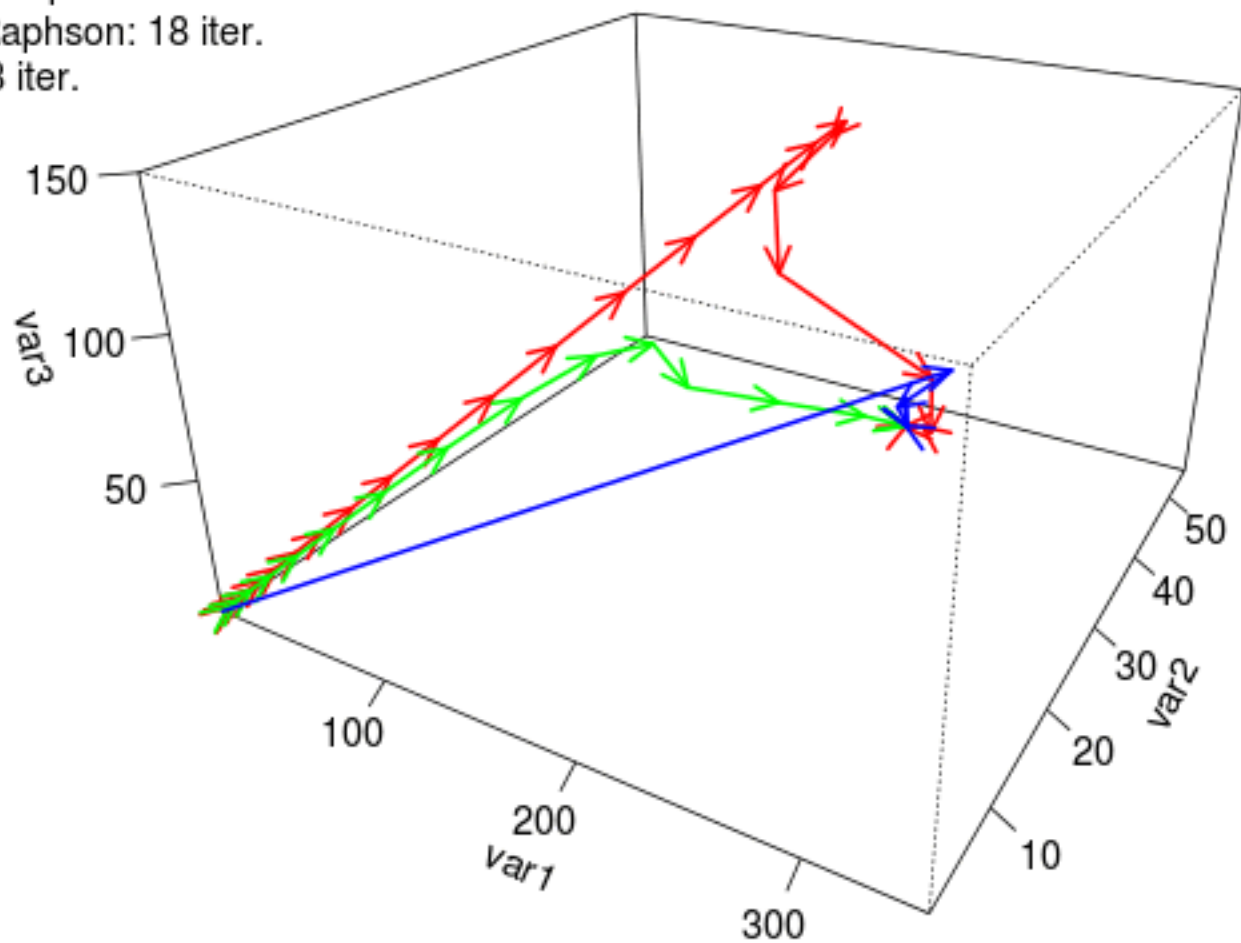
- L-BFGS-B-optm: 32 iter.
- Newton-Raphson: 18 iter.
- Scoring: 6 iter.



maximization of the frequency domain likelihood function

local level plus seasonal model: series 3

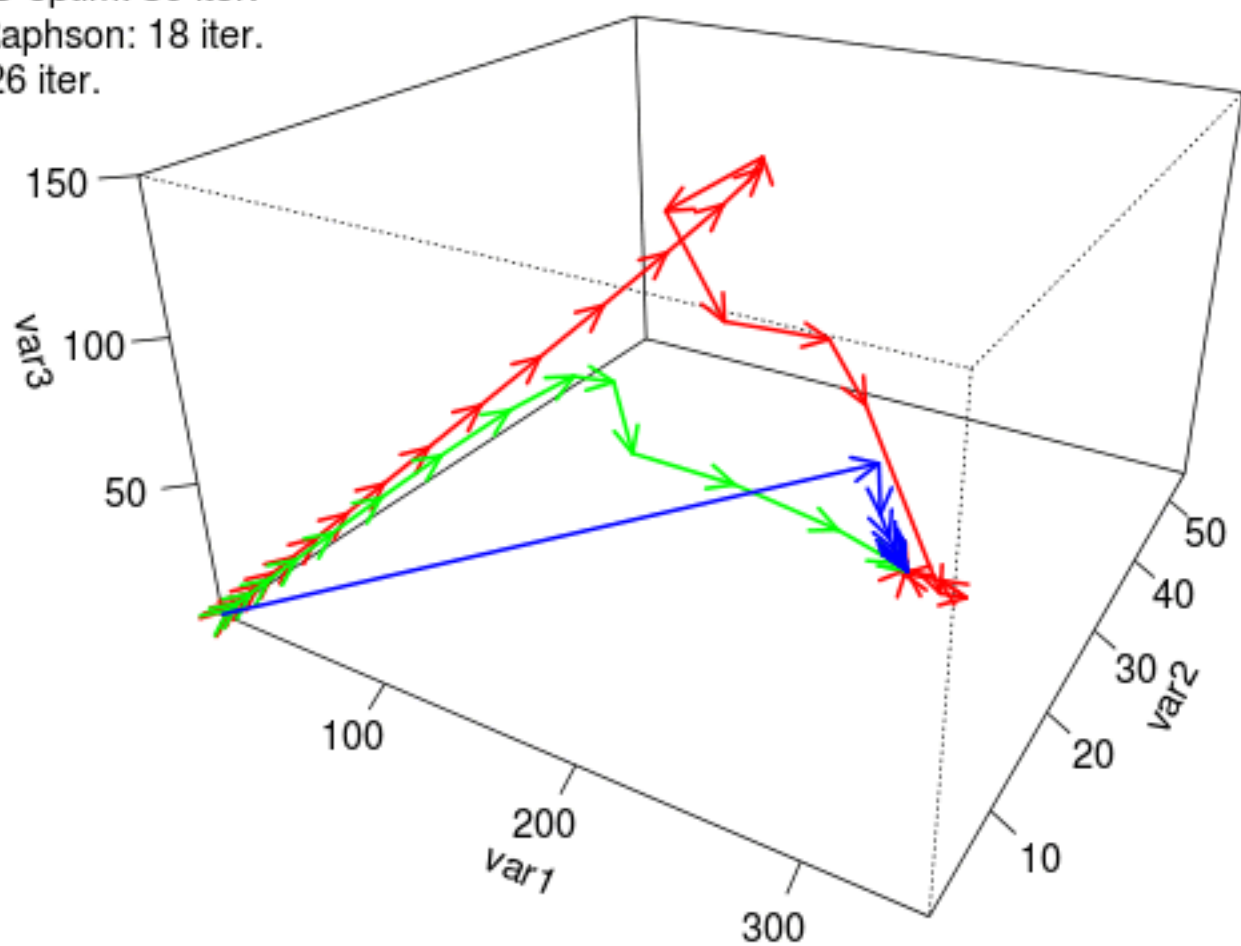
- L-BFGS-B-optm: 28 iter.
- Newton-Raphson: 18 iter.
- Scoring: 8 iter.



maximization of the frequency domain likelihood function

local level plus seasonal model: series 4

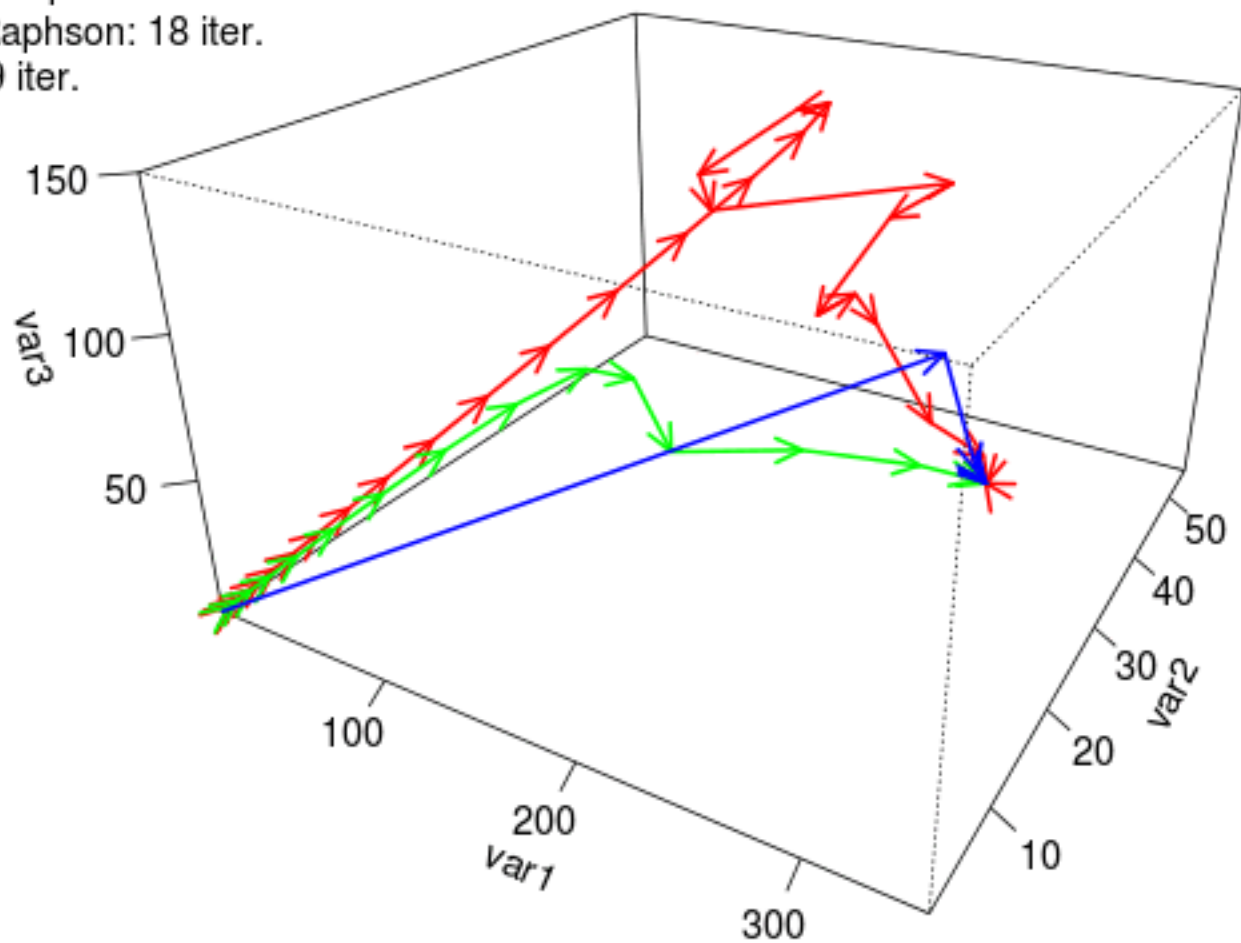
- L-BFGS-B-optm: 30 iter.
- Newton-Raphson: 18 iter.
- Scoring: 26 iter.



maximization of the frequency domain likelihood function

local level plus seasonal model: series 5

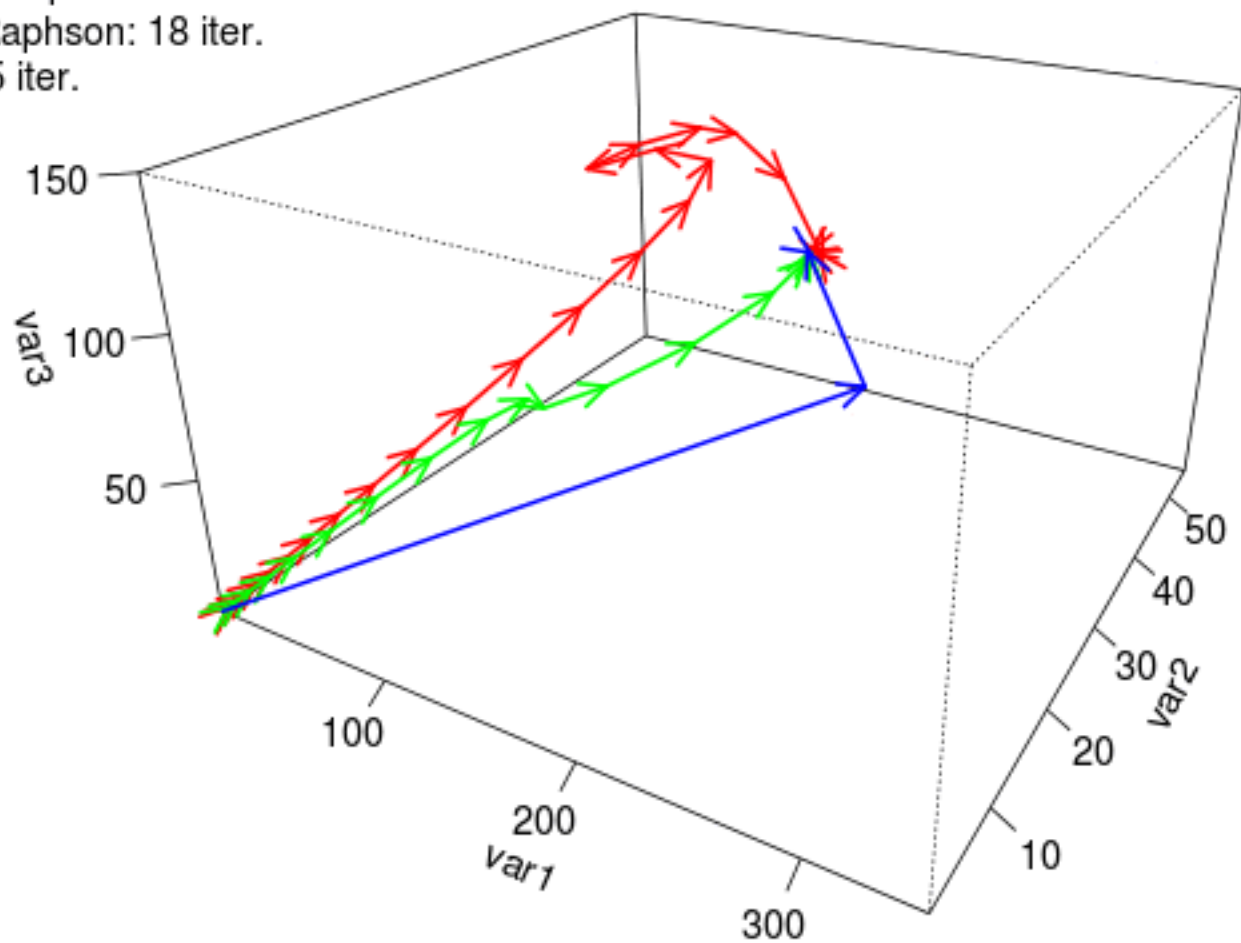
- L-BFGS-B-optm: 33 iter.
- Newton-Raphson: 18 iter.
- Scoring: 9 iter.



maximization of the frequency domain likelihood function

local level plus seasonal model: series 6

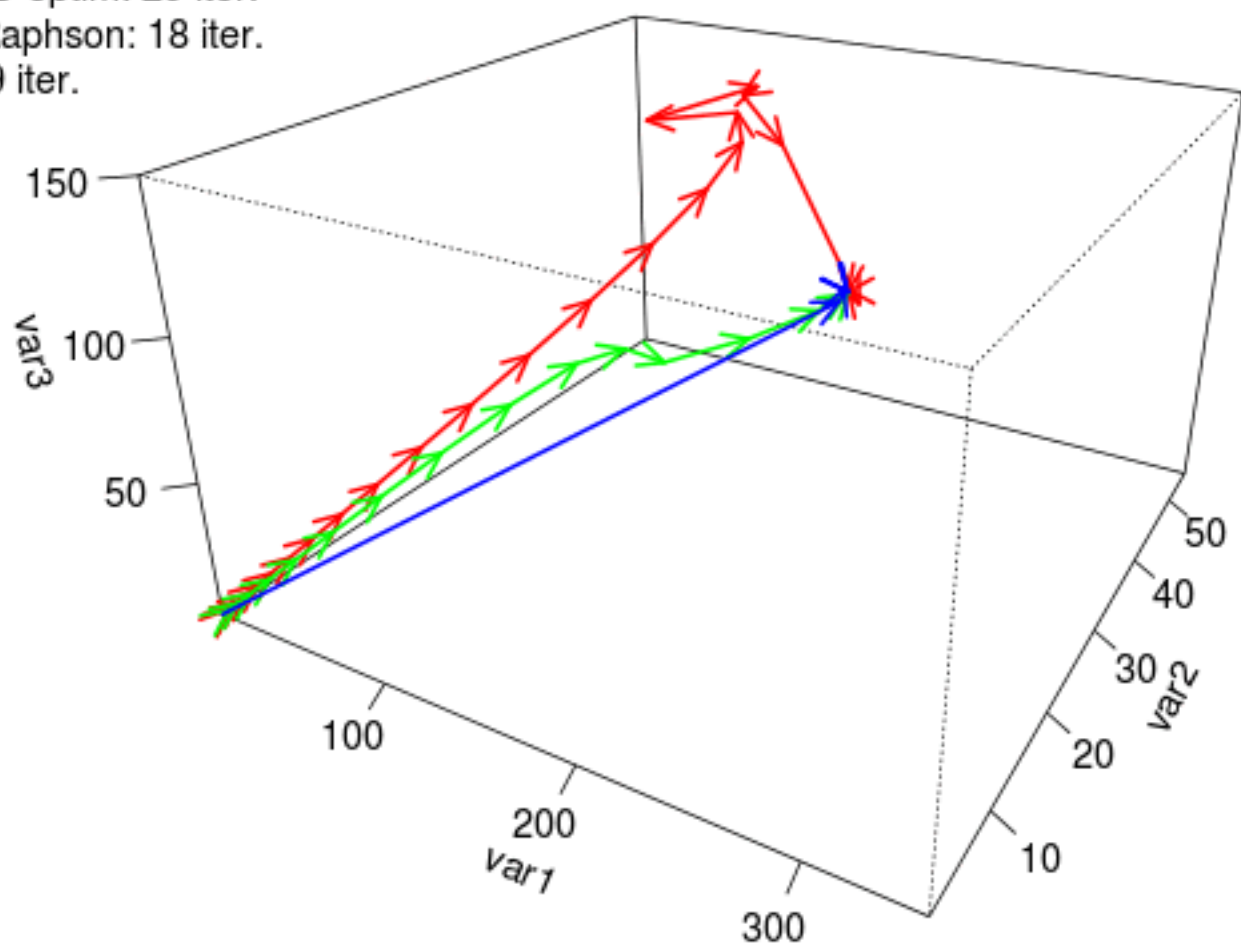
- L-BFGS-B-optm: 30 iter.
- Newton-Raphson: 18 iter.
- Scoring: 5 iter.



maximization of the frequency domain likelihood function

local level plus seasonal model: series 7

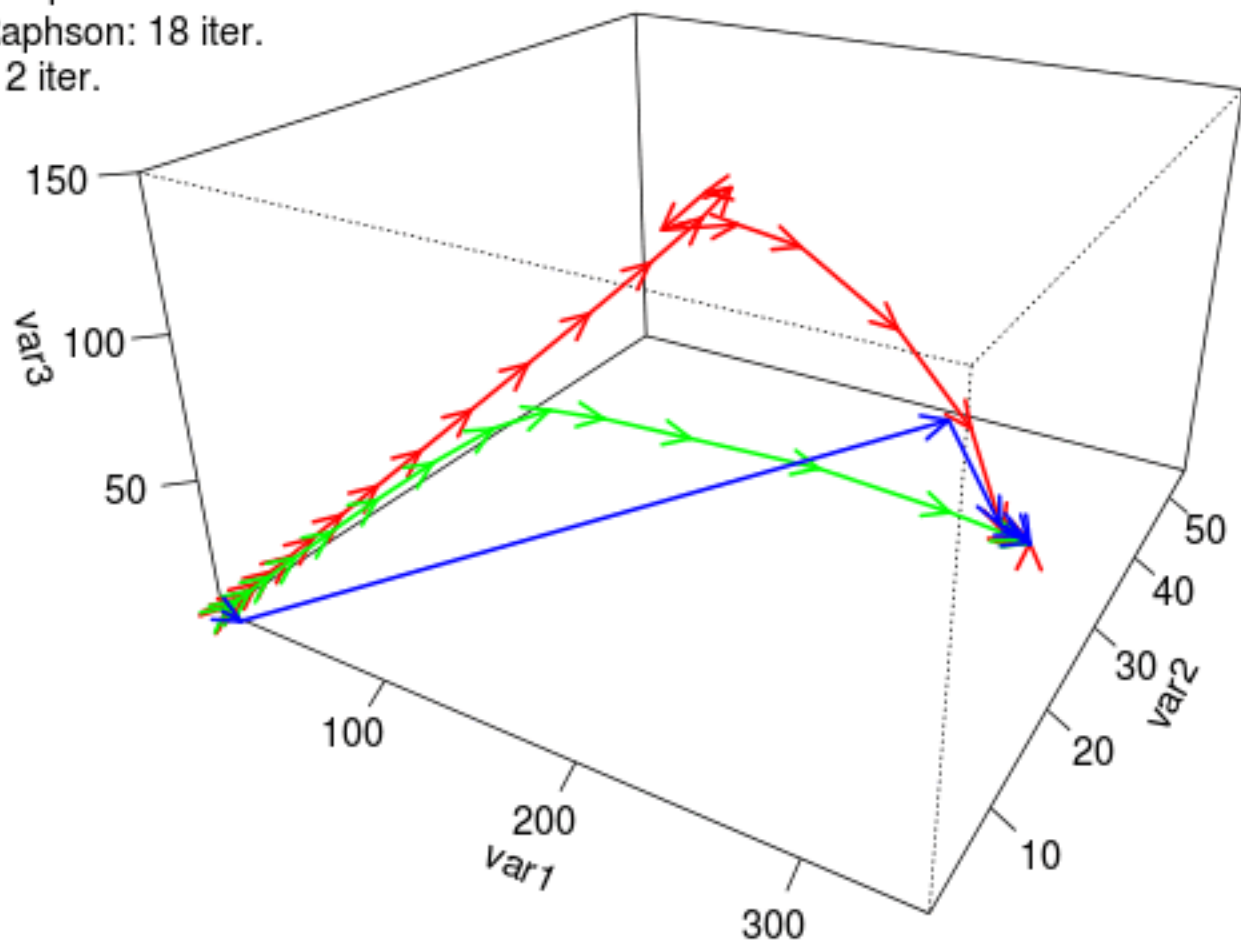
- L-BFGS-B-optm: 29 iter.
- Newton-Raphson: 18 iter.
- Scoring: 9 iter.



maximization of the frequency domain likelihood function

local level plus seasonal model: series 8

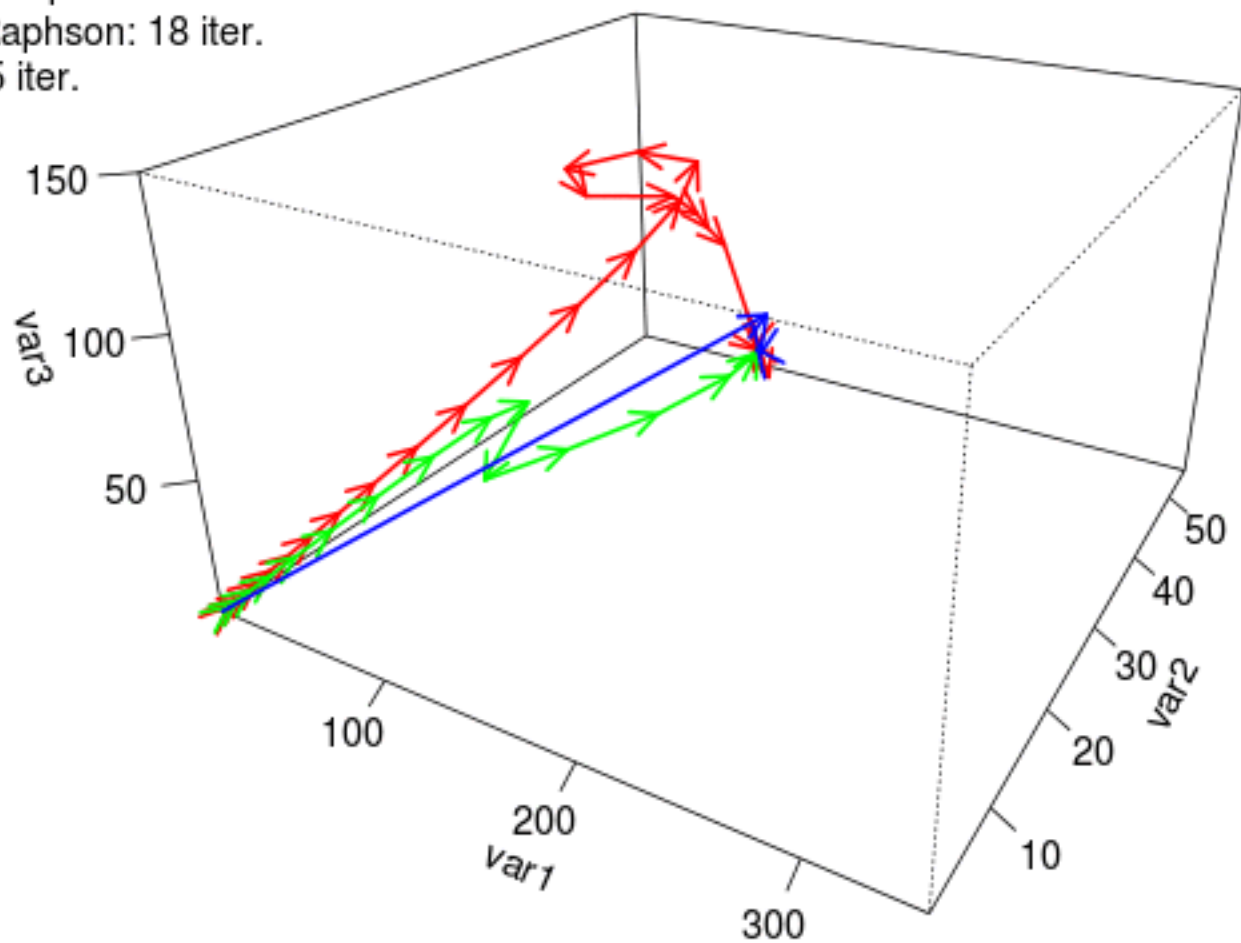
- L-BFGS-B-optm: 30 iter.
- Newton-Raphson: 18 iter.
- Scoring: 12 iter.



maximization of the frequency domain likelihood function

local level plus seasonal model: series 9

- L-BFGS-B-optm: 31 iter.
- Newton-Raphson: 18 iter.
- Scoring: 5 iter.



maximization of the frequency domain likelihood function

local level plus seasonal model: series 10

- L-BFGS-B-optm: 30 iter.
- Newton-Raphson: 18 iter.
- Scoring: 8 iter.

