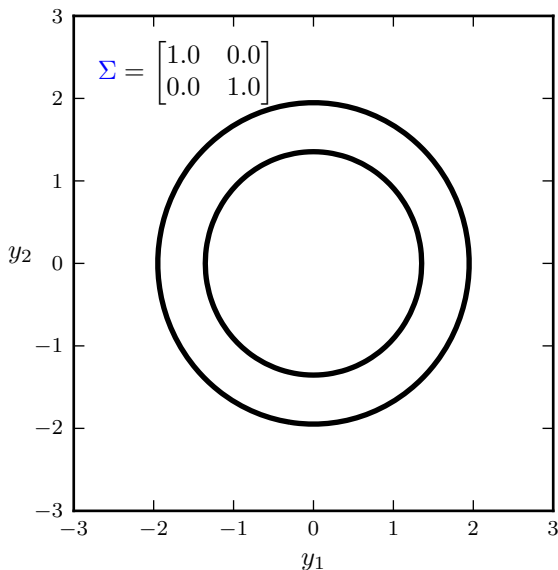


## Gaussian distribution

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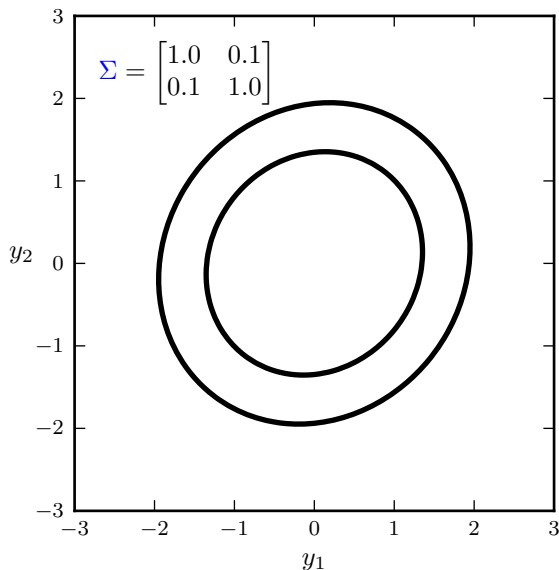
$$p(\mathbf{y}|\Sigma) \propto \exp(-\frac{1}{2}\mathbf{y}^T\Sigma^{-1}\mathbf{y})$$



## Gaussian distribution

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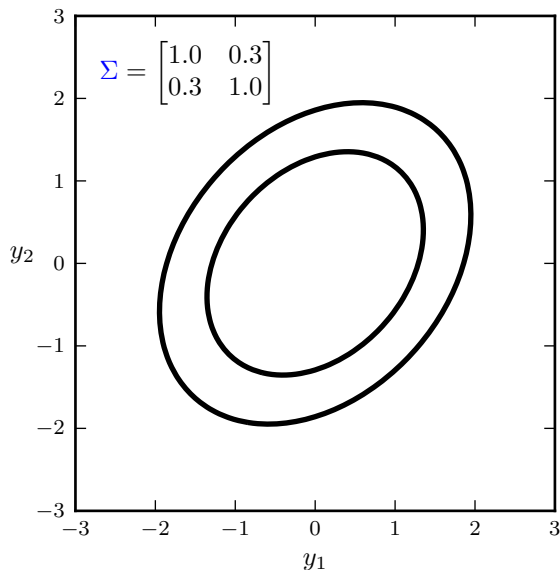
$$p(\mathbf{y}|\Sigma) \propto \exp(-\frac{1}{2}\mathbf{y}^T\Sigma^{-1}\mathbf{y})$$



## Gaussian distribution

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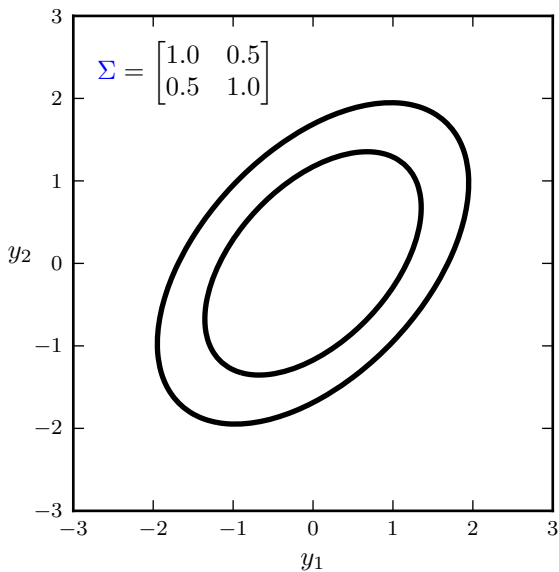
$$p(\mathbf{y}|\Sigma) \propto \exp(-\frac{1}{2}\mathbf{y}^T\Sigma^{-1}\mathbf{y})$$



## Gaussian distribution

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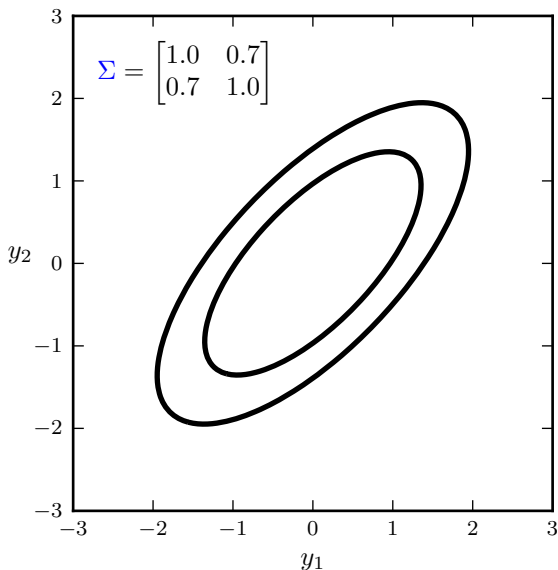
$$p(\mathbf{y}|\Sigma) \propto \exp\left(-\frac{1}{2}\mathbf{y}^T\Sigma^{-1}\mathbf{y}\right)$$



## Gaussian distribution

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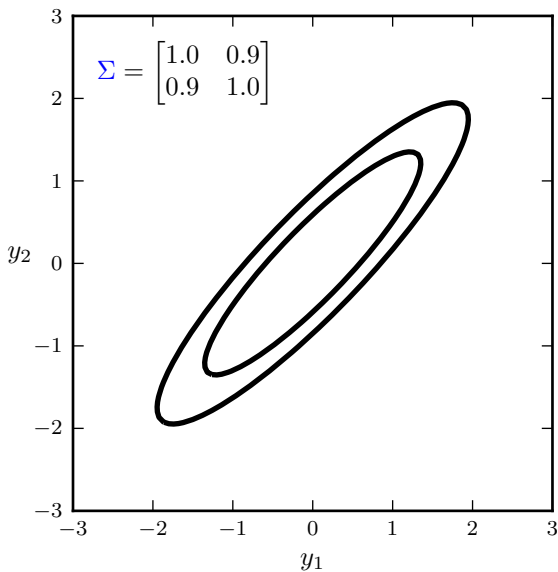
$$p(\mathbf{y}|\Sigma) \propto \exp(-\frac{1}{2}\mathbf{y}^T\Sigma^{-1}\mathbf{y})$$



## Gaussian distribution

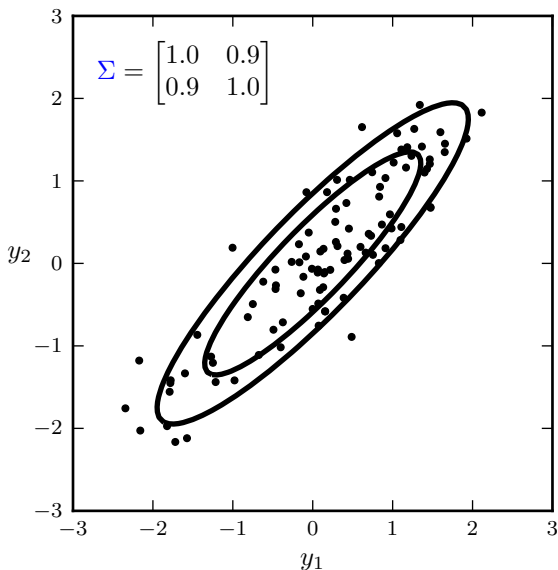
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$$p(\mathbf{y}|\Sigma) \propto \exp\left(-\frac{1}{2}\mathbf{y}^T\Sigma^{-1}\mathbf{y}\right)$$



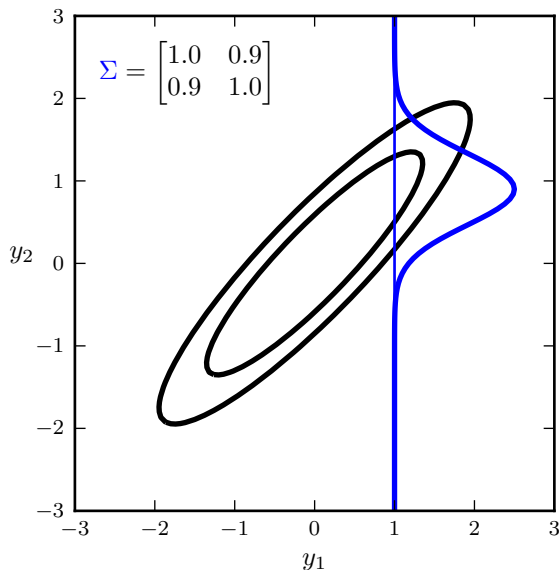
## Gaussian distribution - Samples

$$p(\mathbf{y}|\Sigma) \propto \exp(-\frac{1}{2}\mathbf{y}^T\Sigma^{-1}\mathbf{y})$$



## Gaussian distribution - Conditional

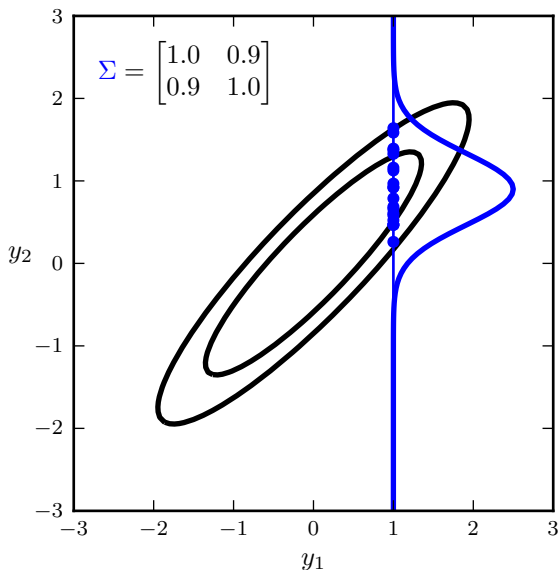
$$p(y_2|y_1, \Sigma) \propto \exp\left(-\frac{1}{2}(y_2 - \mu_2)^T \Sigma_2^{-1}(y_2 - \mu_2)\right)$$





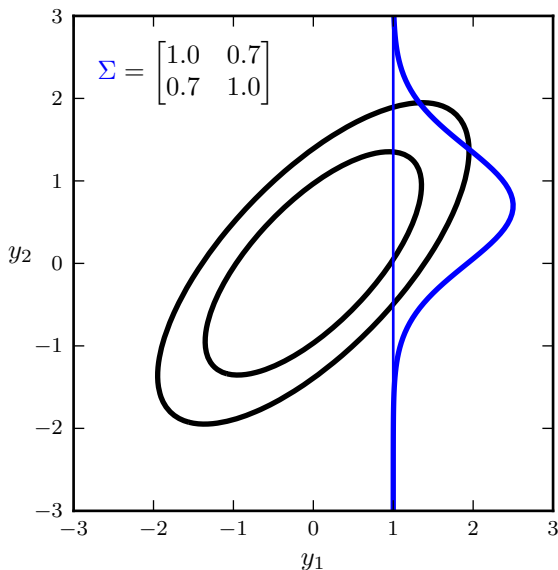
## Gaussian distribution - Conditional

$$p(y_2 | y_1, \Sigma) \propto \exp\left(-\frac{1}{2}(y_2 - \mu_2)^T \Sigma_2^{-1}(y_2 - \mu_2)\right)$$



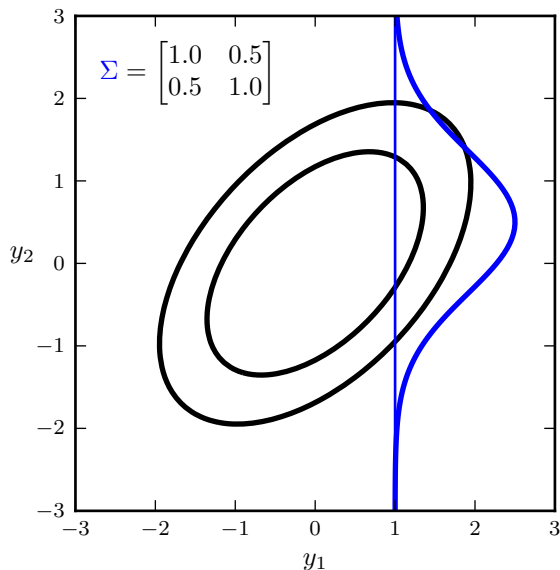
## Gaussian distribution - Conditional

$$p(y_2 | \mathbf{y}_1, \Sigma) \propto \exp\left(-\frac{1}{2}(y_2 - \mu_2)^T \Sigma_2^{-1}(y_2 - \mu_2)\right)$$



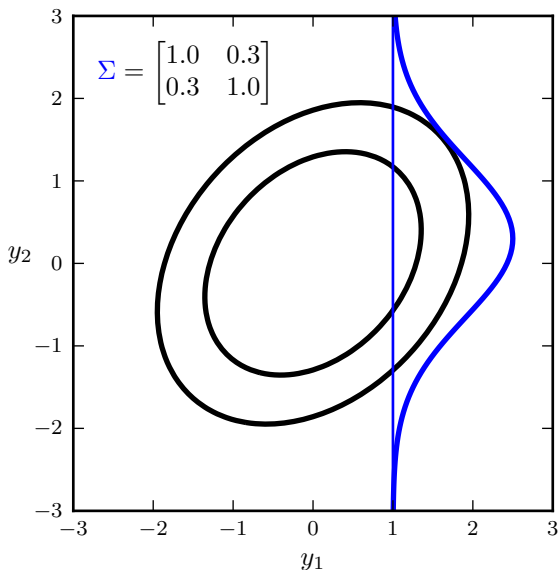
## Gaussian distribution - Conditional

$$p(y_2 | y_1, \Sigma) \propto \exp\left(-\frac{1}{2}(y_2 - \mu_2)^T \Sigma_2^{-1}(y_2 - \mu_2)\right)$$



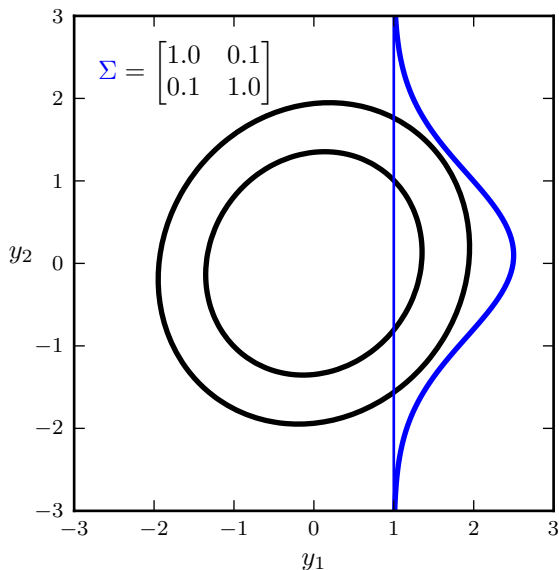
## Gaussian distribution - Conditional

$$p(y_2 | y_1, \Sigma) \propto \exp\left(-\frac{1}{2}(y_2 - \mu_2)^T \Sigma_2^{-1}(y_2 - \mu_2)\right)$$



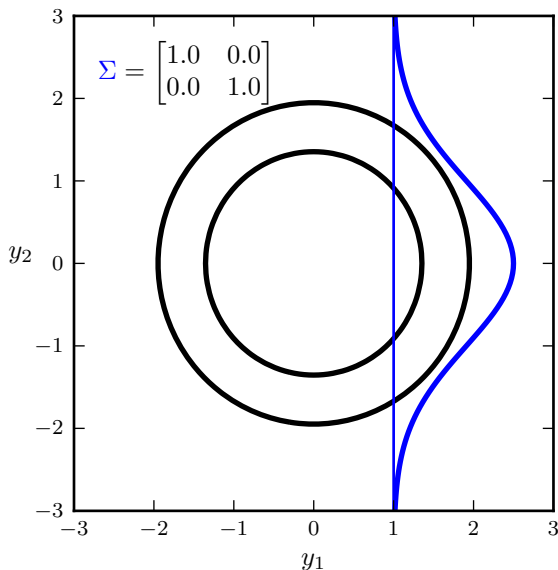
## Gaussian distribution - Conditional

$$p(y_2 | y_1, \Sigma) \propto \exp\left(-\frac{1}{2}(y_2 - \mu_2)^T \Sigma_2^{-1}(y_2 - \mu_2)\right)$$



## Gaussian distribution - Conditional

$$p(y_2 | y_1, \Sigma) \propto \exp\left(-\frac{1}{2}(y_2 - \mu_2)^T \Sigma_2^{-1}(y_2 - \mu_2)\right)$$



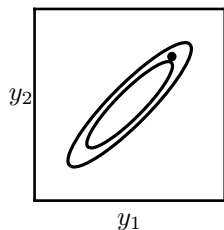
## Gaussian distribution

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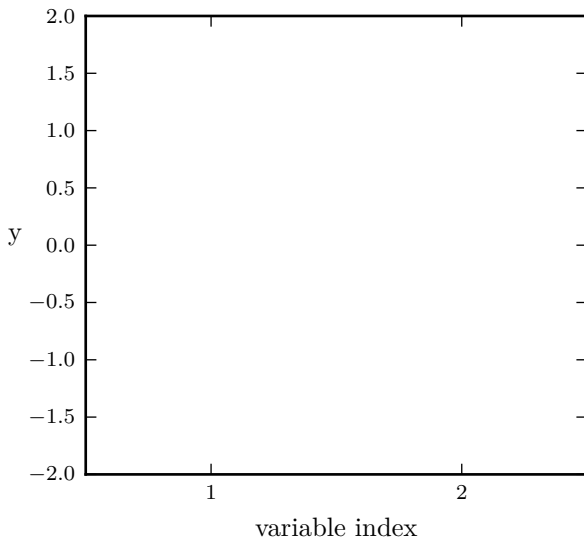
How to visualise a high dimensional distribution?

## New visualisation

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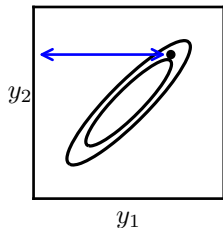
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



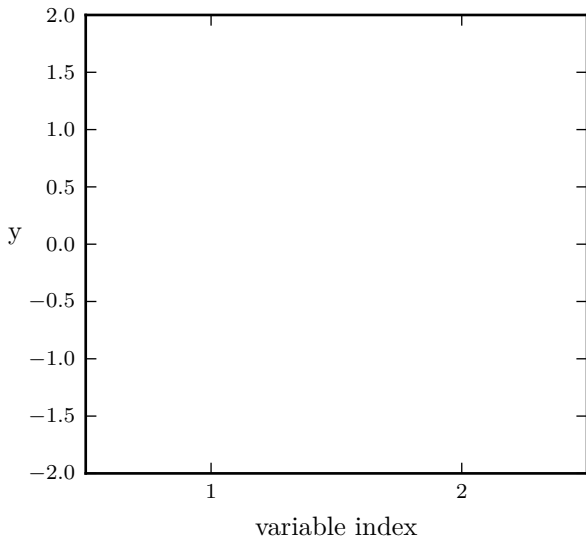


## New visualisation

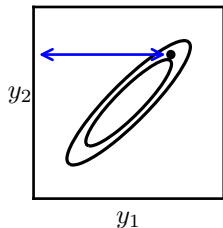
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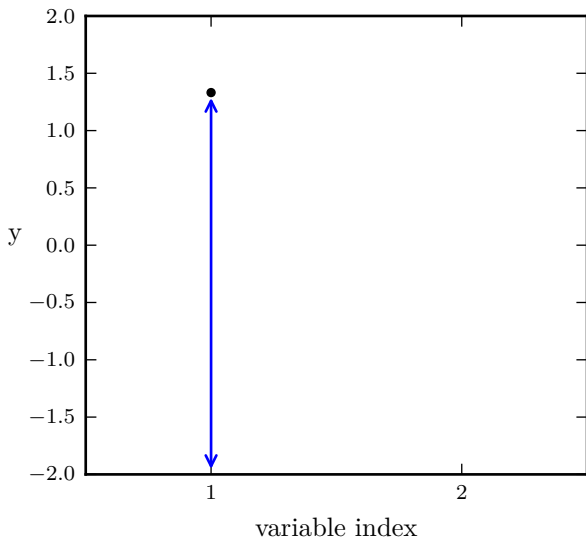
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



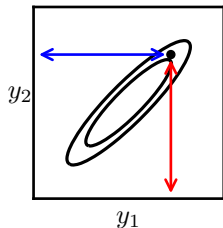
## New visualisation



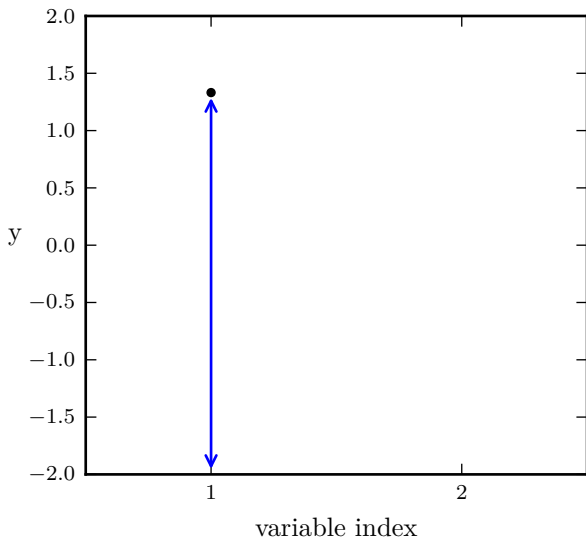
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



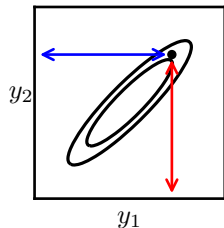
## New visualisation



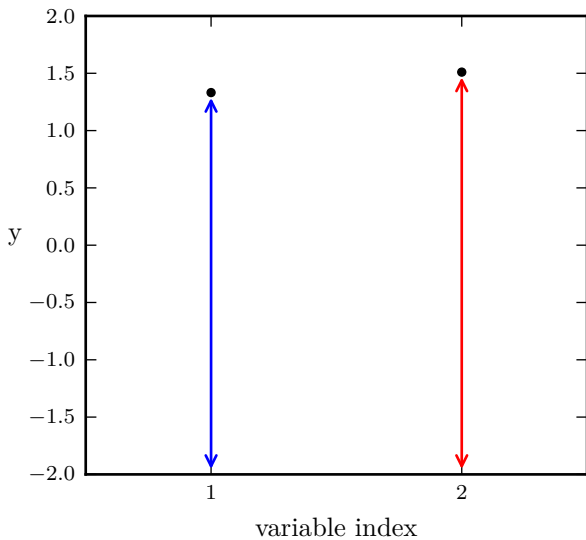
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



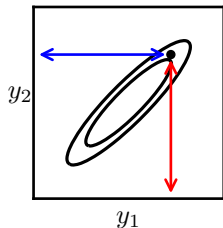
## New visualisation



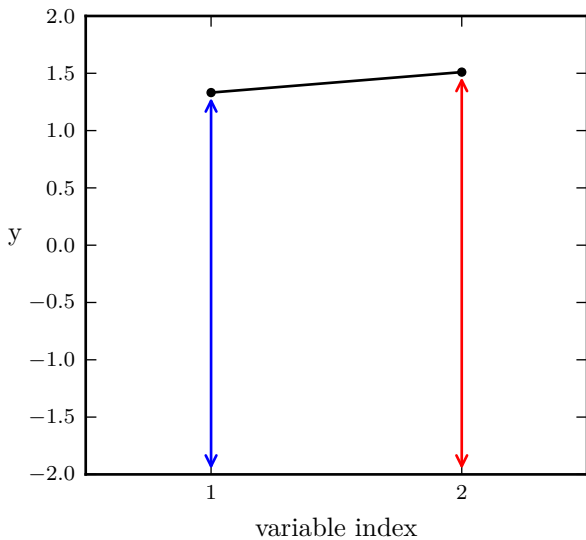
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



## New visualisation

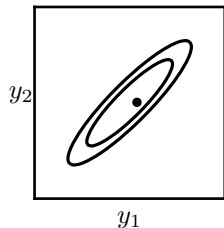


$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$

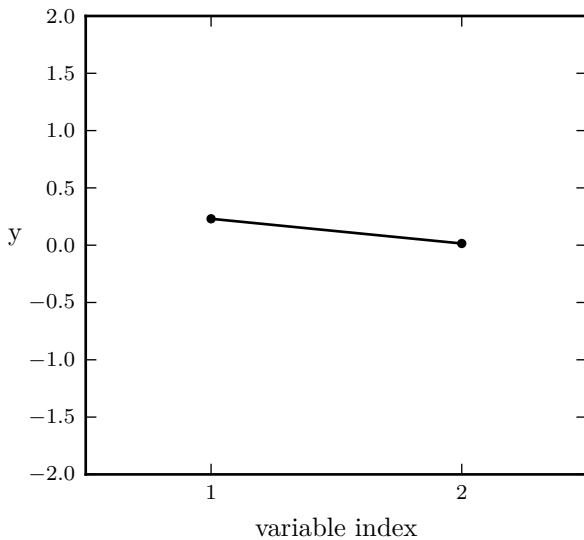


## New visualisation

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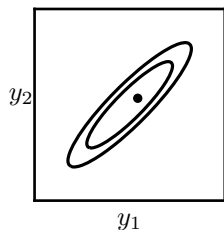


$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$

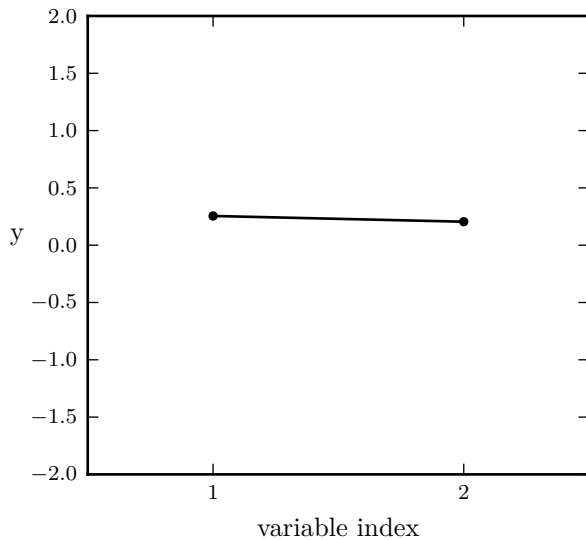


## New visualisation

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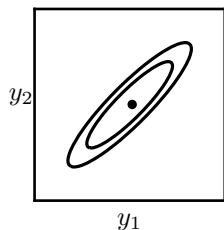


$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$

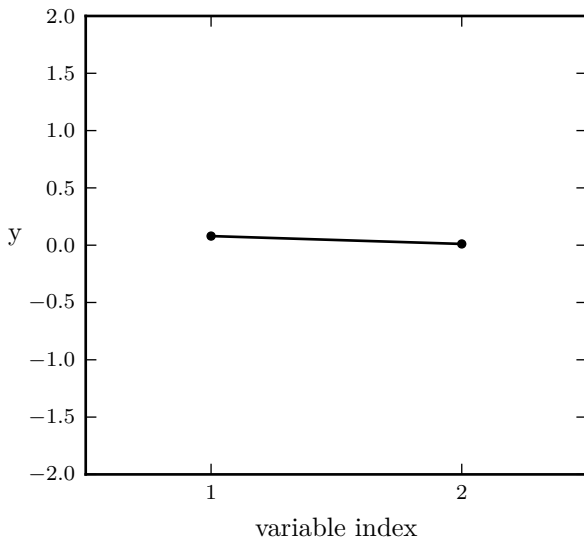


## New visualisation

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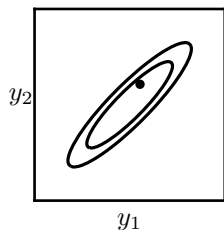
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



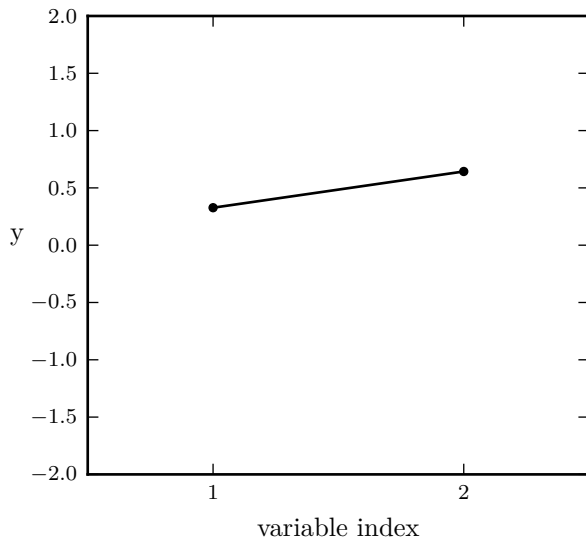


## New visualisation

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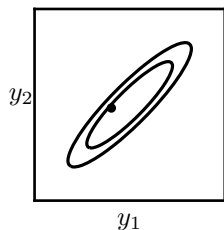


$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$

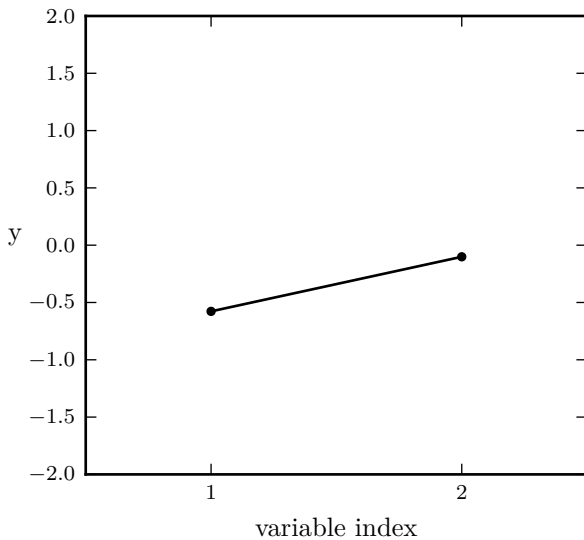


## New visualisation

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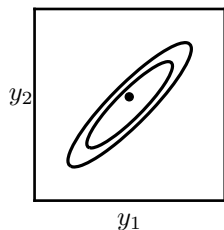


$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$

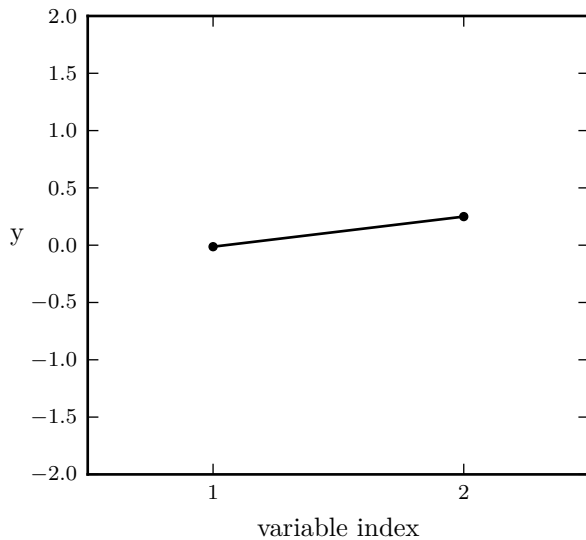


## New visualisation

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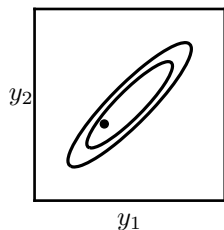


$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$

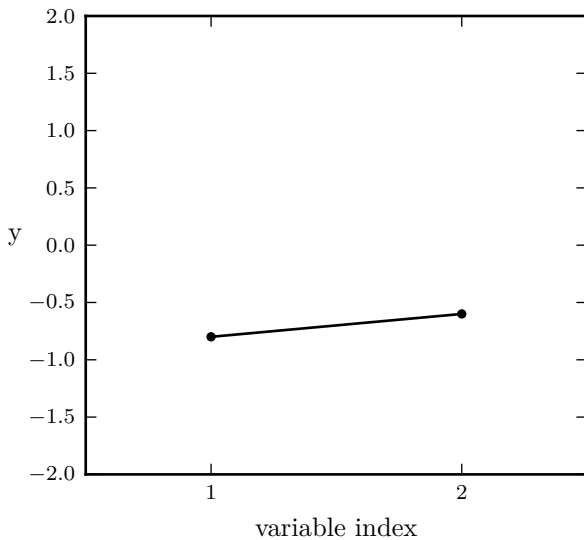


## New visualisation

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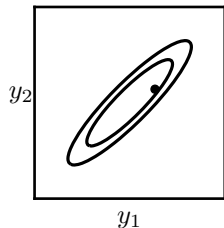


$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$

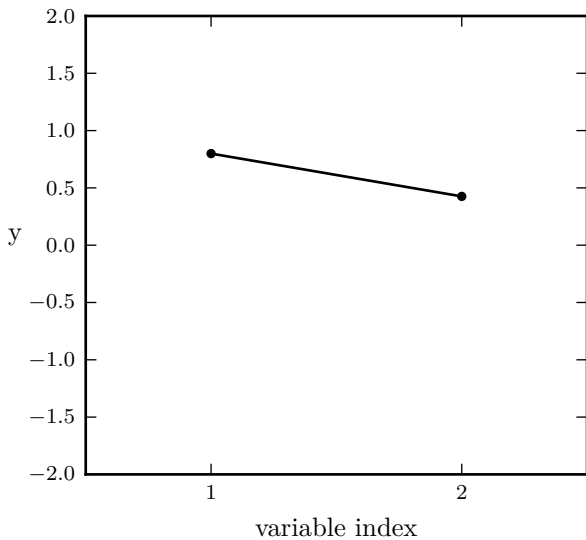


## New visualisation

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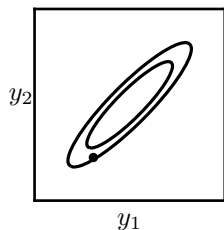


$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$

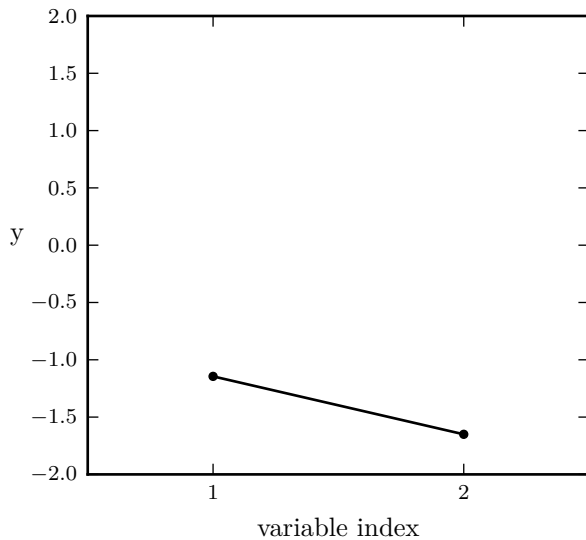


## New visualisation

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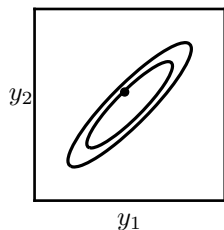


$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$

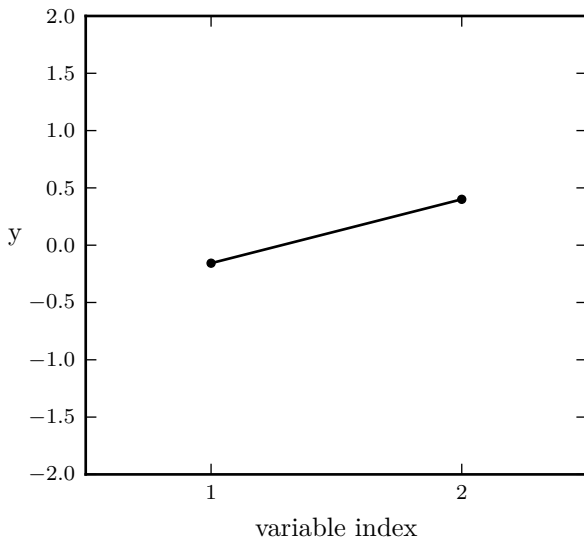


## New visualisation

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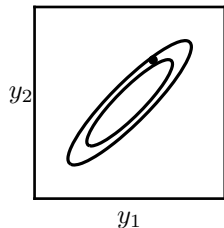


$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$

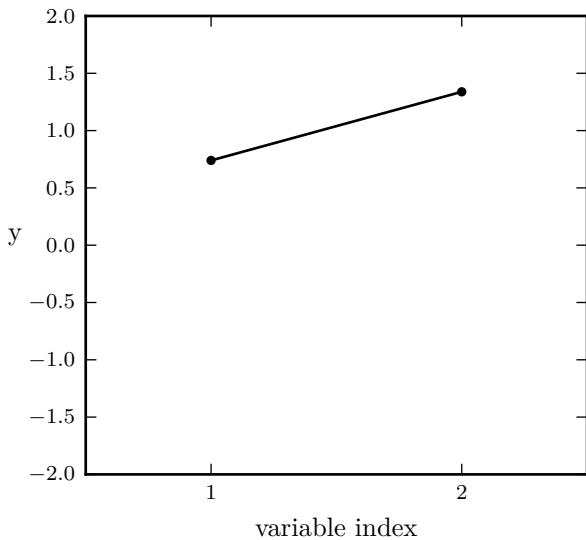


## New visualisation

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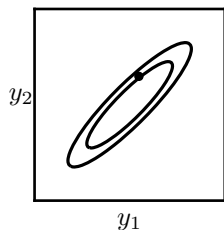
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



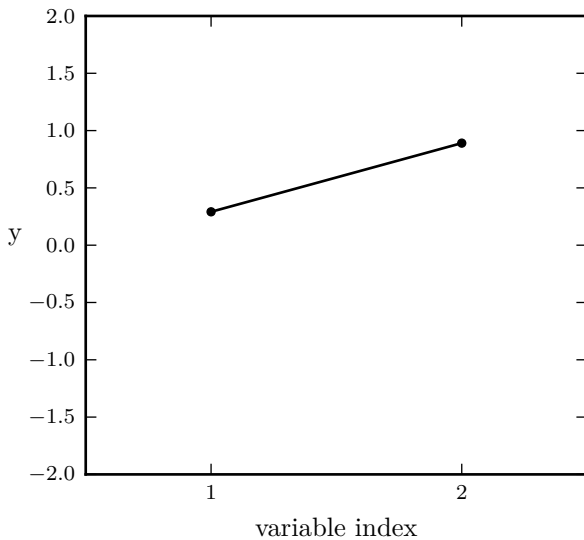


## New visualisation

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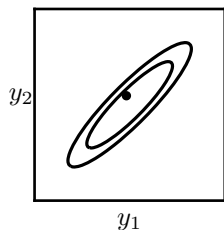


$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$

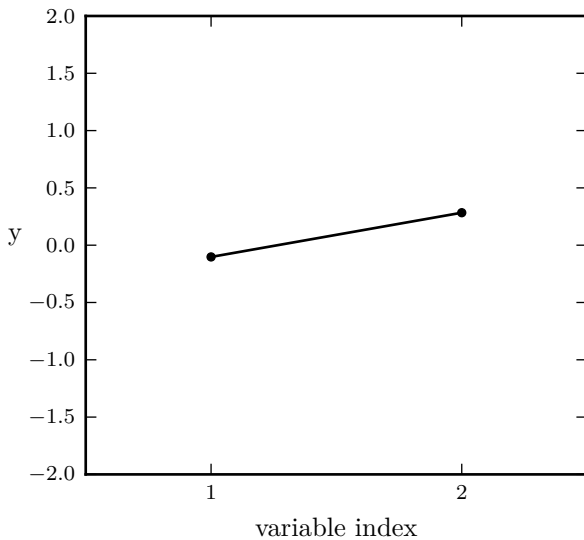


## New visualisation

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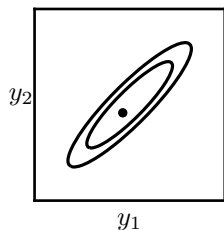


$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$

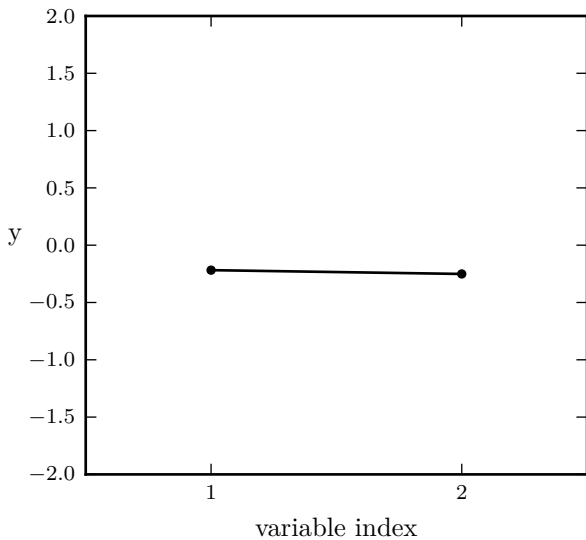


## New visualisation

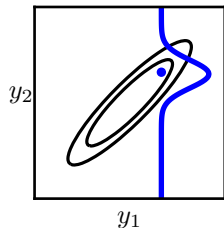
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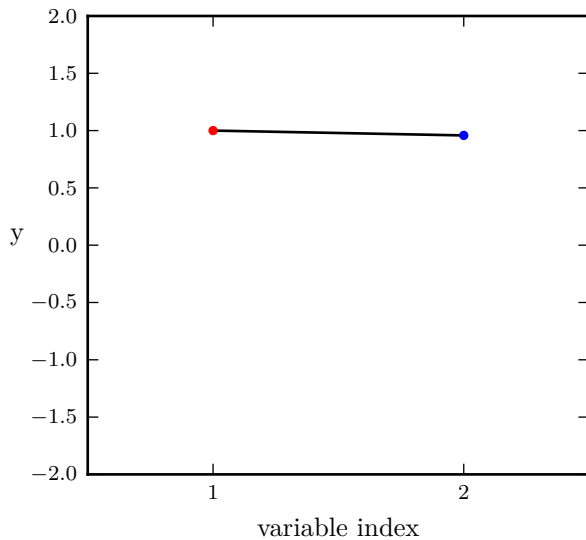
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



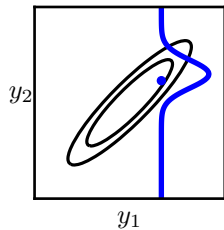
## New visualisation



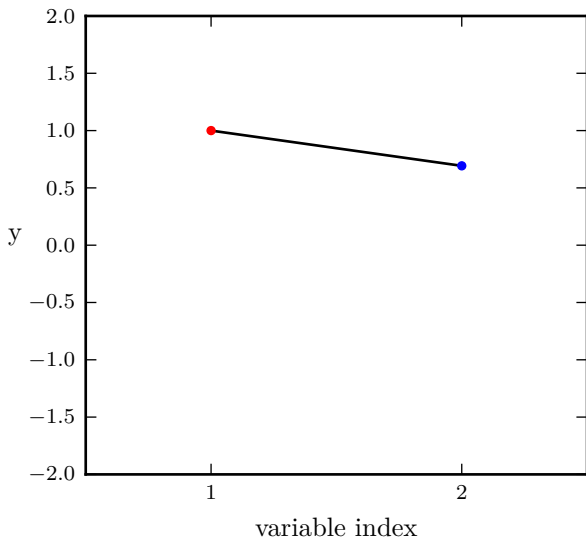
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



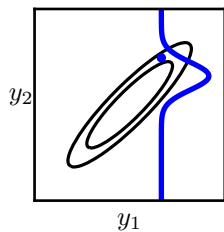
## New visualisation



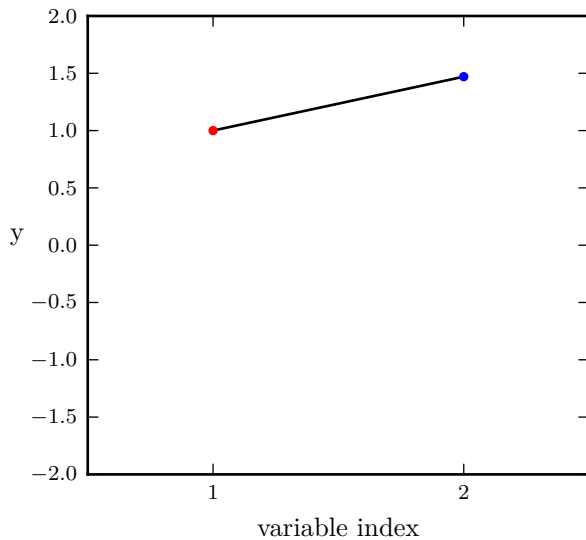
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



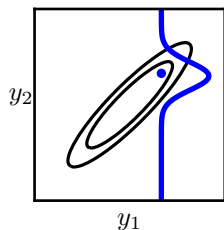
## New visualisation



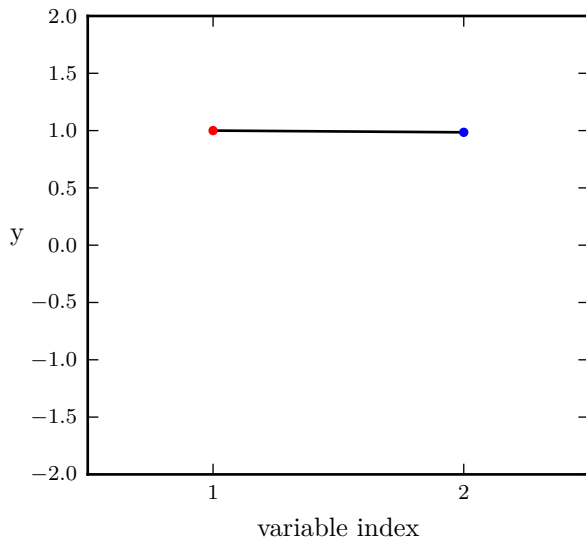
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



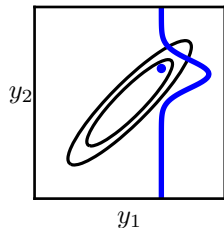
## New visualisation



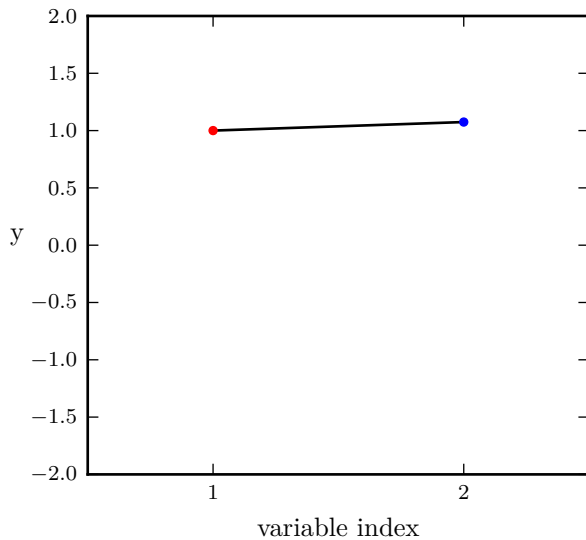
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



## New visualisation

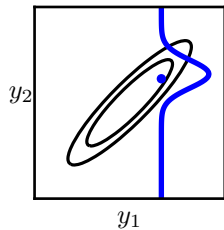


$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$

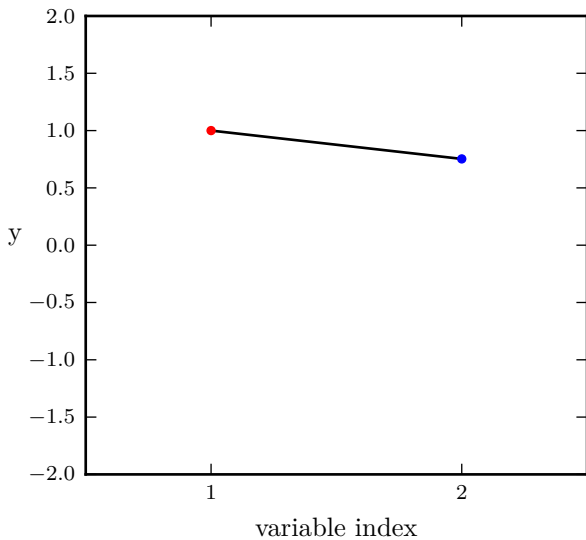




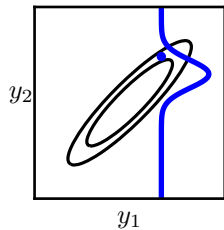
## New visualisation



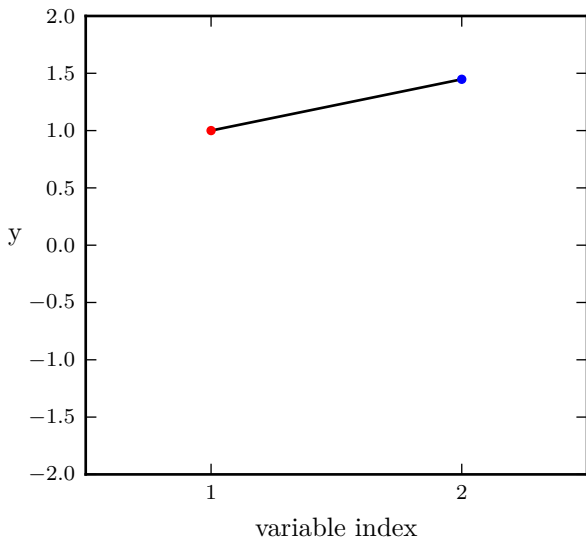
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



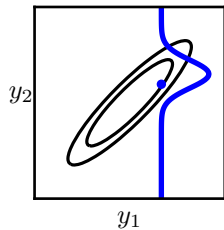
## New visualisation



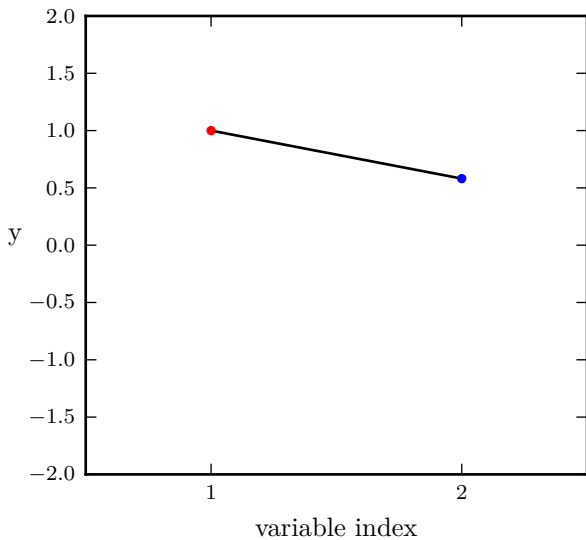
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



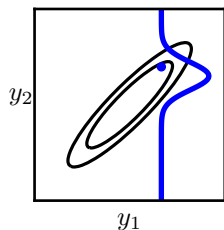
## New visualisation



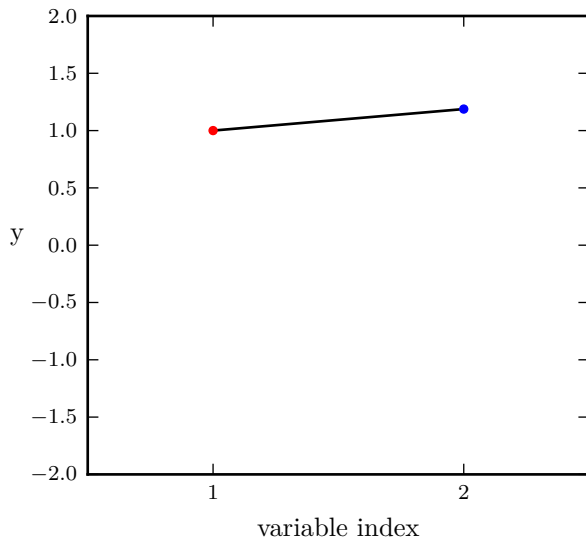
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



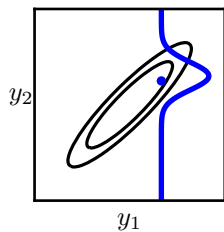
## New visualisation



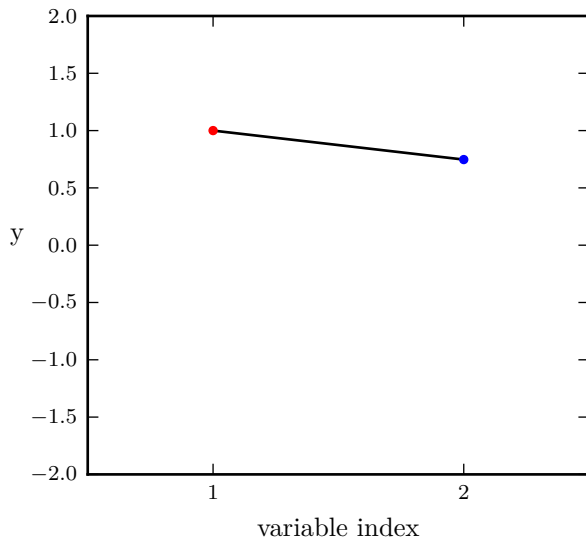
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



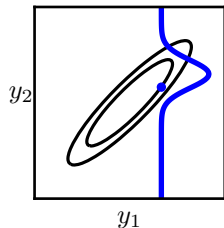
## New visualisation



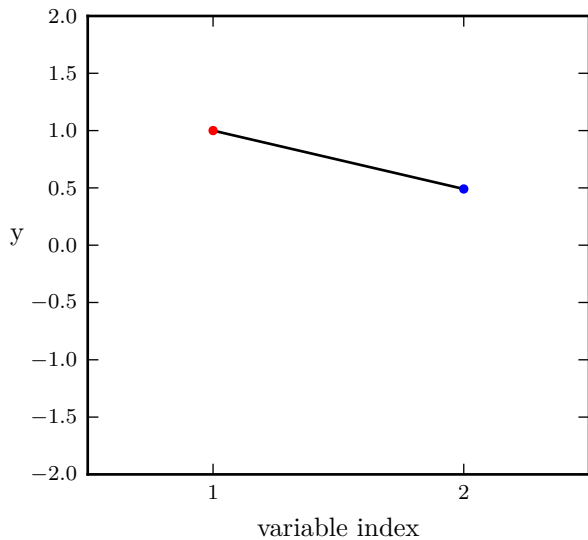
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



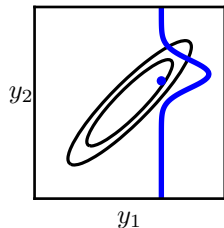
## New visualisation



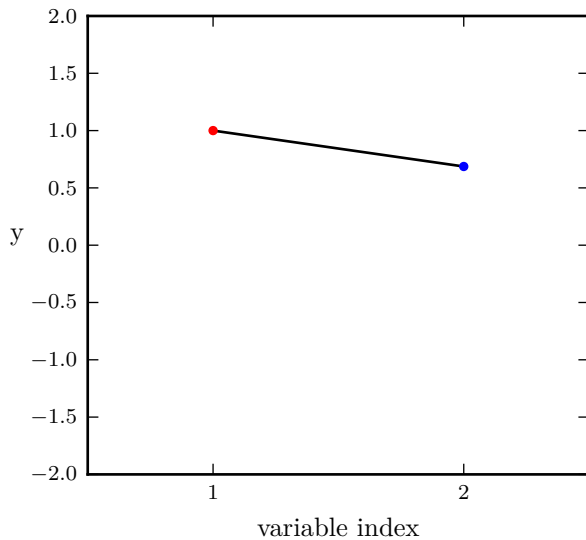
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



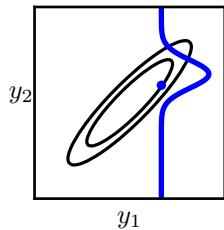
## New visualisation



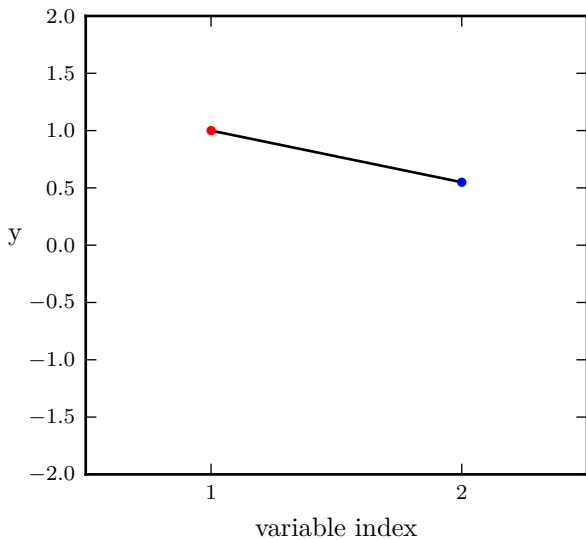
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



## New visualisation

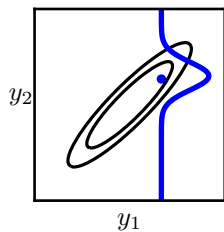


$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$

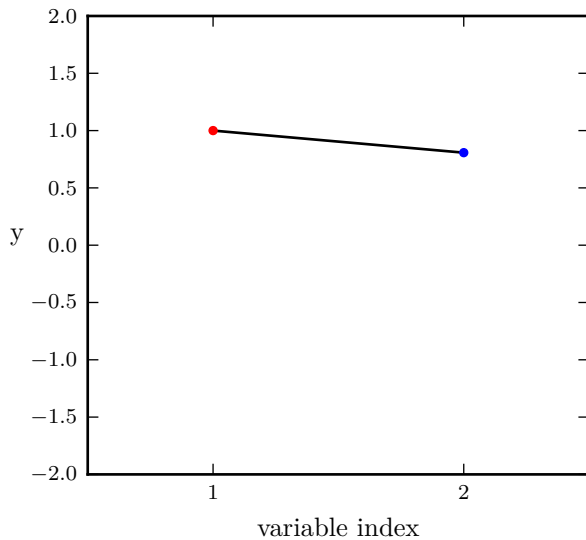




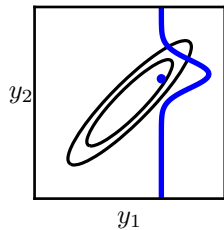
## New visualisation



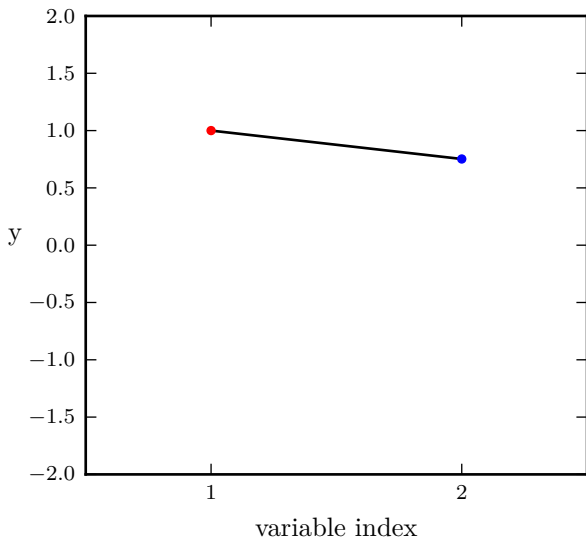
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



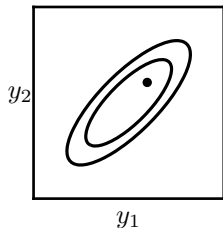
## New visualisation



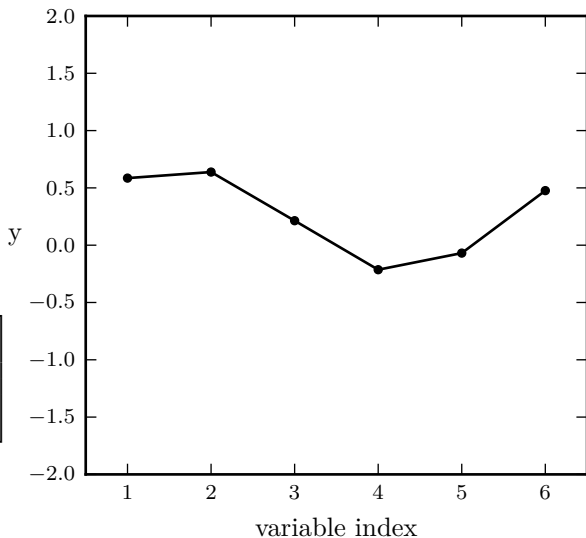
$$\Sigma = \begin{bmatrix} 1.0 & 0.9 \\ 0.9 & 1.0 \end{bmatrix}$$



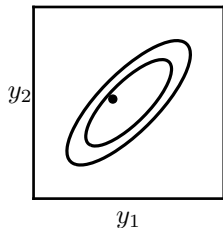
## New visualisation



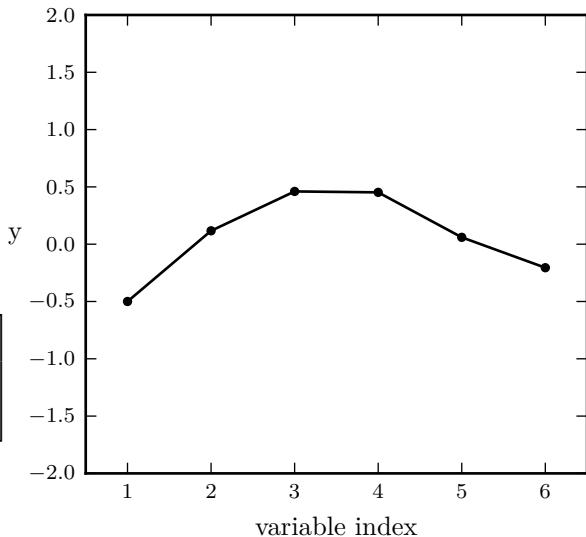
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



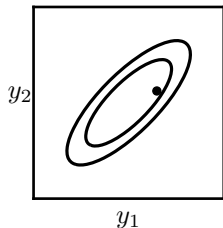
## New visualisation



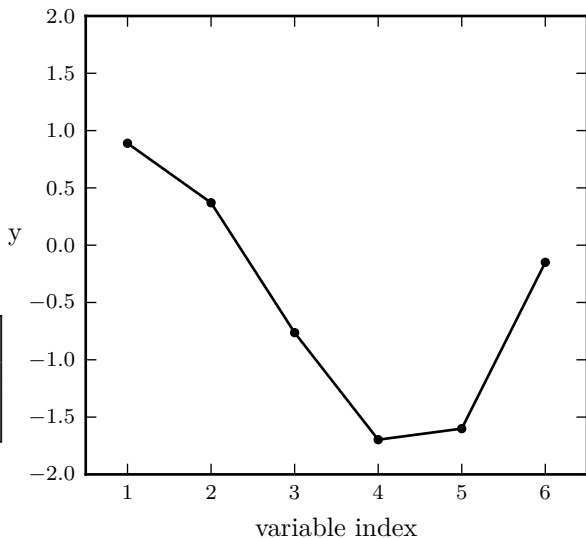
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



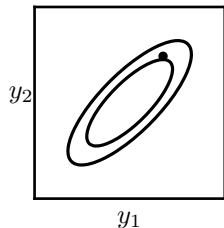
## New visualisation



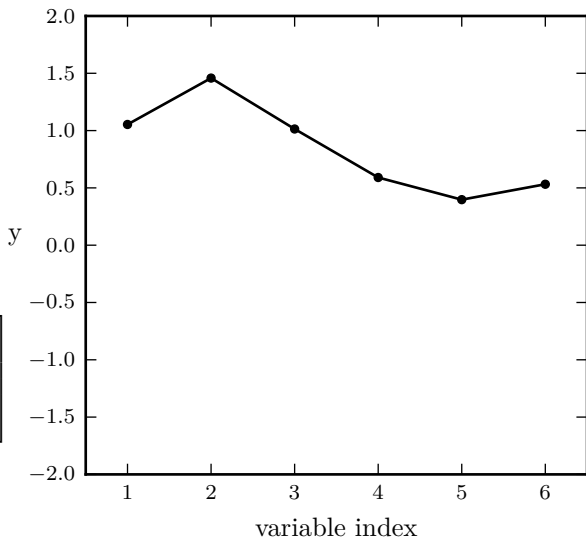
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



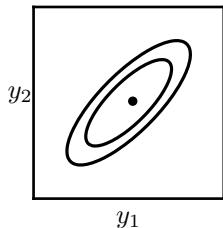
## New visualisation



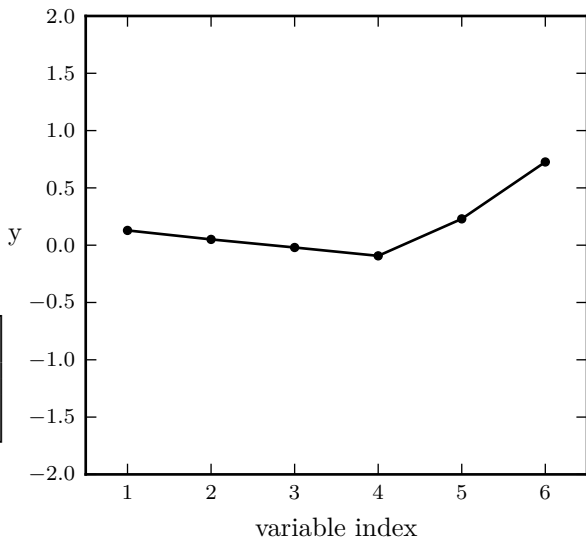
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



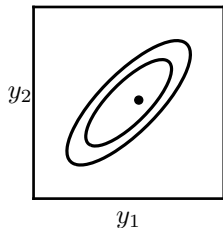
## New visualisation



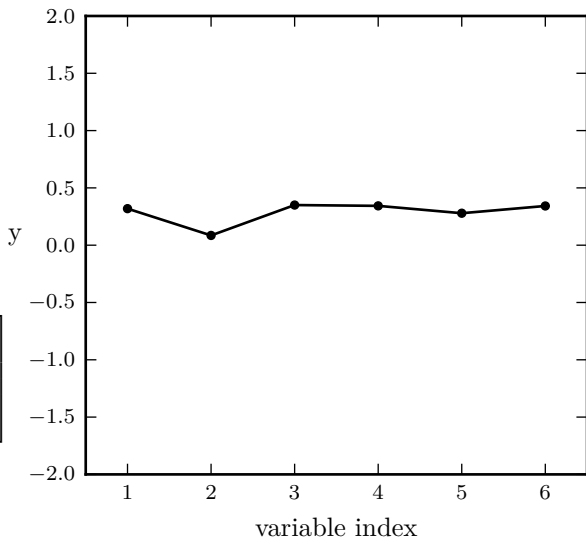
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & .1 & .1 \\ .8 & 1 & .8 & .4 & .1 & .1 \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



## New visualisation

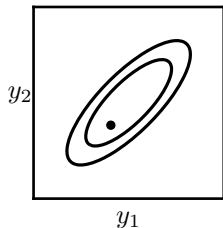


$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & .1 & .1 \\ .8 & 1 & .8 & .4 & .1 & .1 \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$

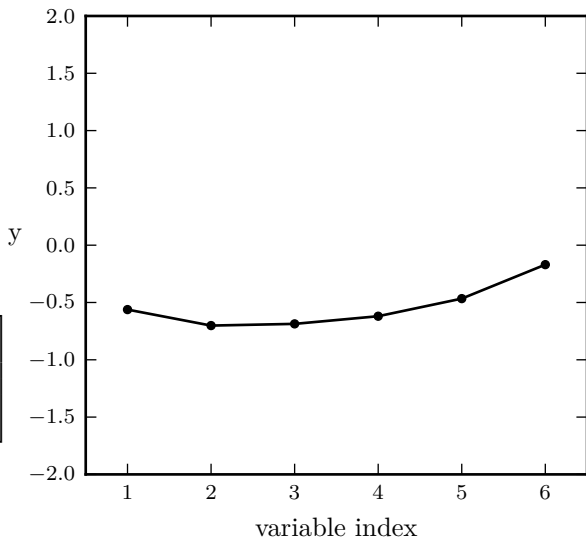




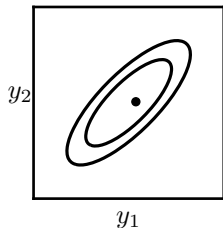
## New visualisation



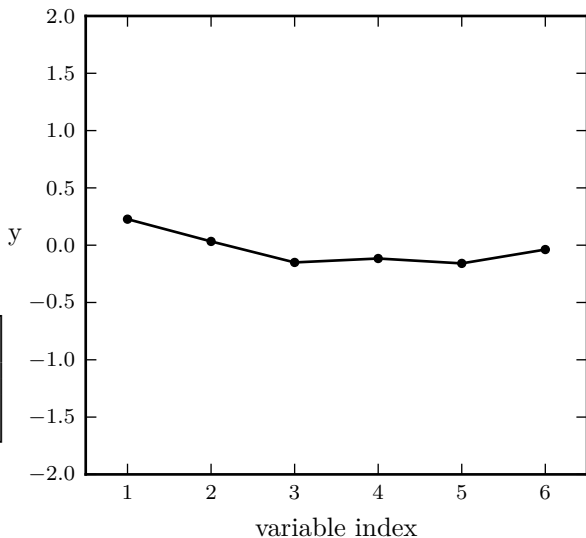
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



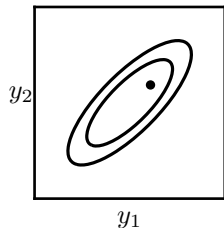
## New visualisation



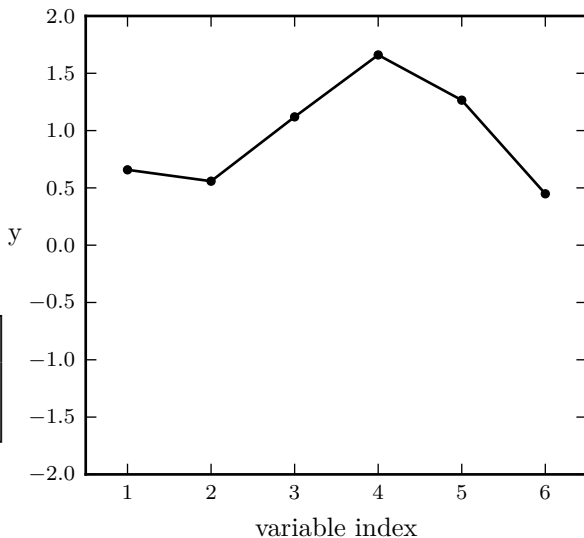
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & .1 & .1 \\ .8 & 1 & .8 & .4 & .1 & .1 \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



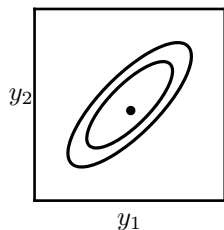
## New visualisation



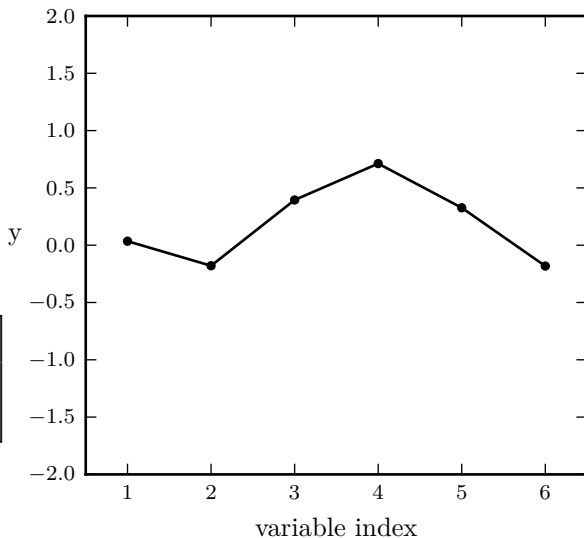
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



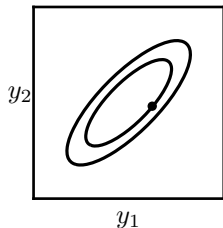
## New visualisation



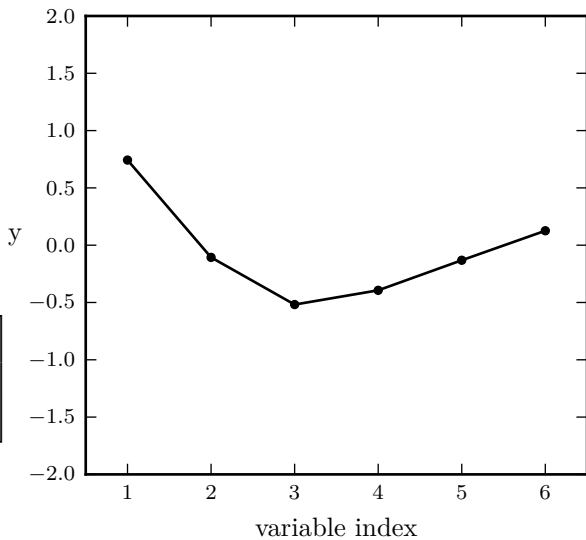
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & .1 & .1 \\ .8 & 1 & .8 & .4 & .1 & .1 \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



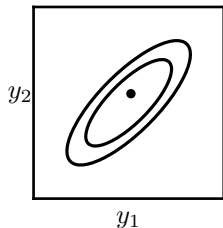
## New visualisation



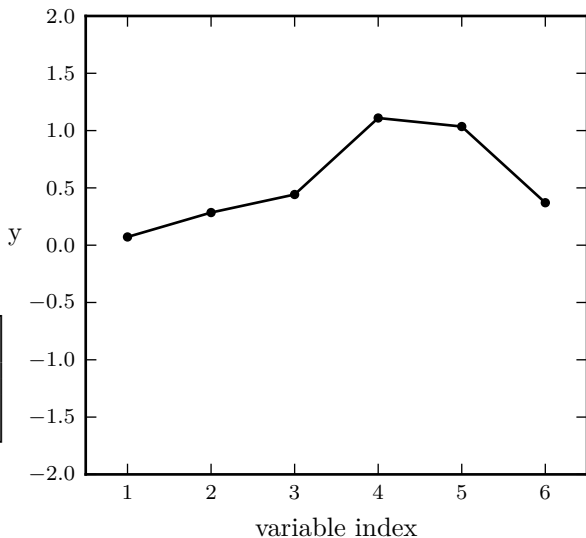
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



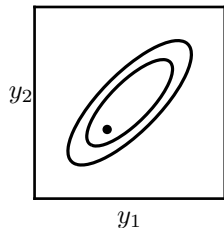
## New visualisation



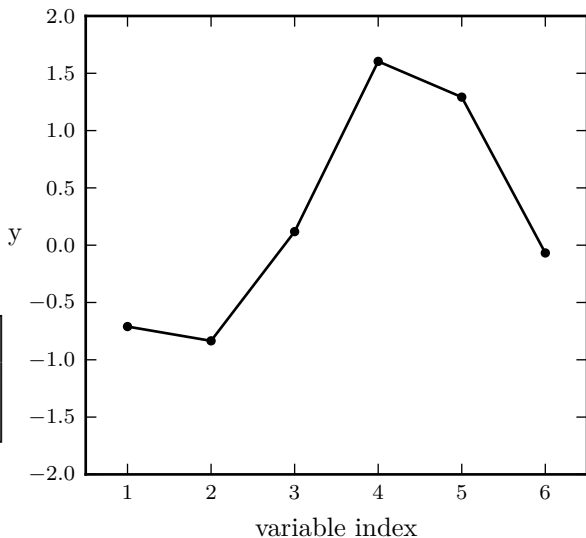
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



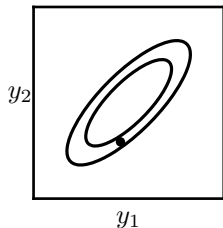
## New visualisation



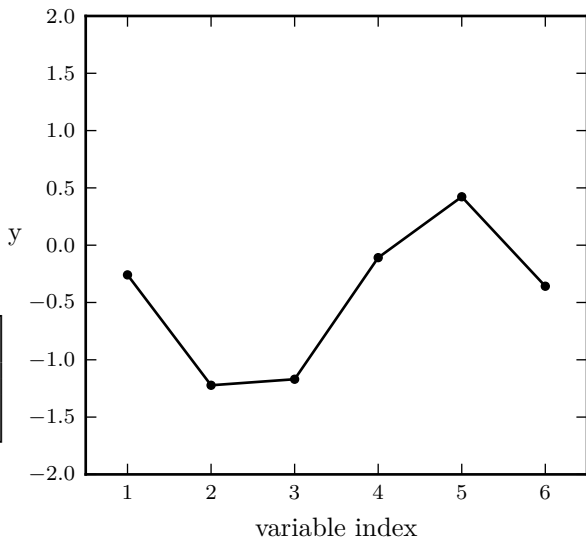
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & .1 & .1 \\ .8 & 1 & .8 & .4 & .1 & .1 \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



## New visualisation

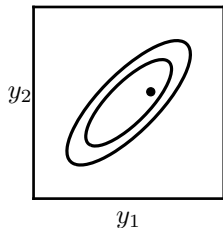


$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & & \\ .8 & 1 & .8 & .4 & .1 & & \\ .4 & .8 & 1 & .8 & .4 & .1 & \\ .1 & .4 & .8 & 1 & .8 & .4 & \\ & .1 & .4 & .8 & 1 & .8 & \\ & & .1 & .4 & .8 & 1 & \end{bmatrix}$$

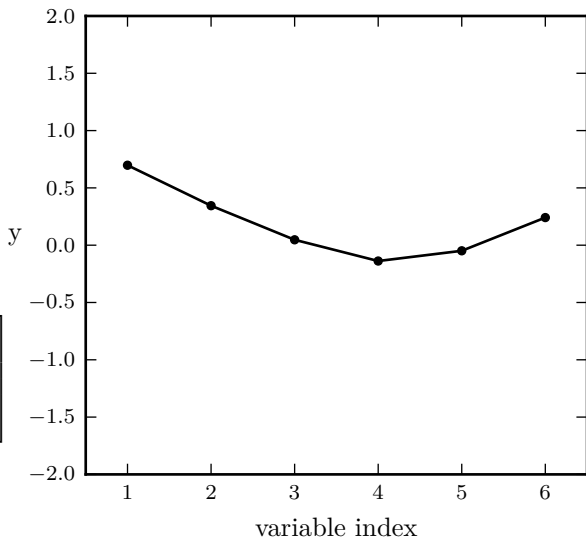




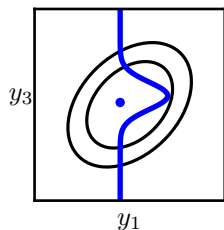
## New visualisation



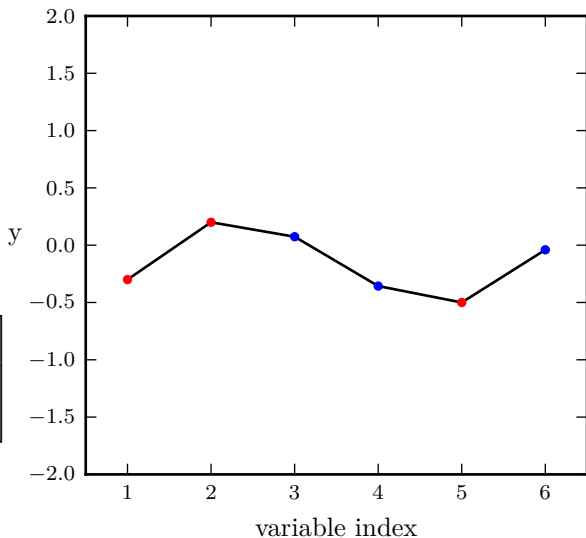
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



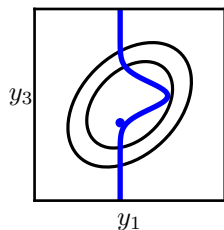
## New visualisation



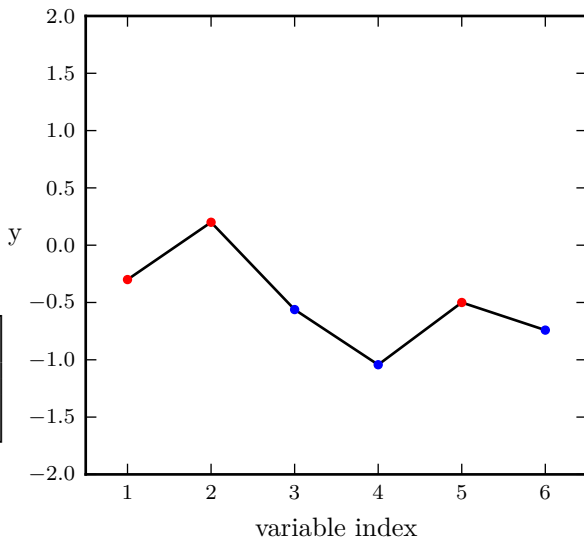
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



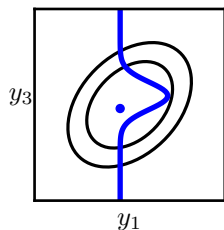
## New visualisation



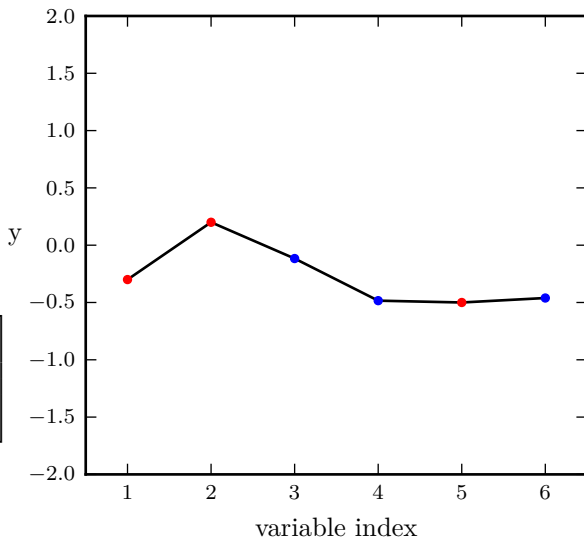
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



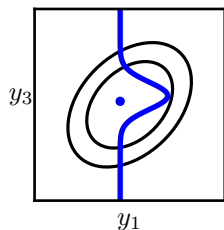
## New visualisation



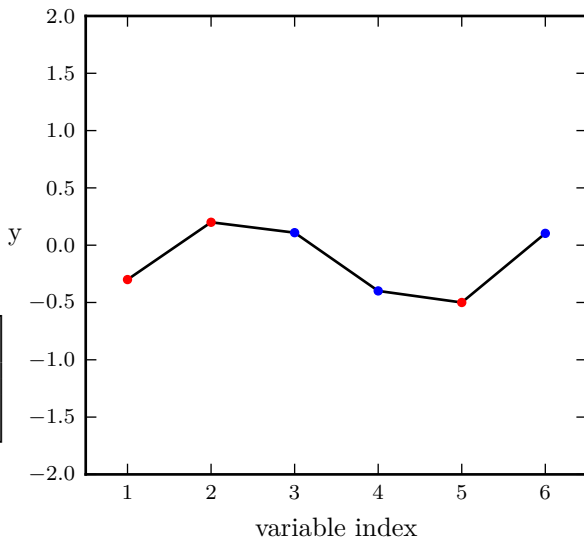
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



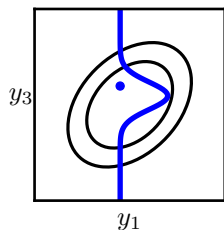
## New visualisation



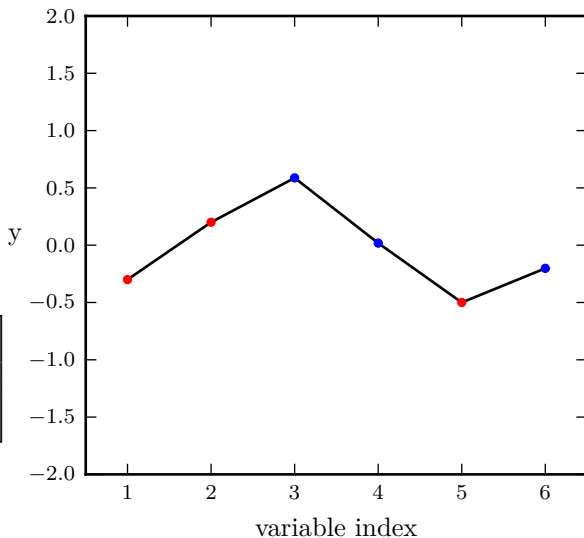
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



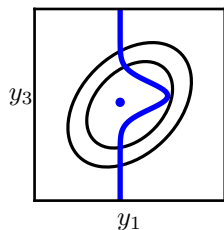
## New visualisation



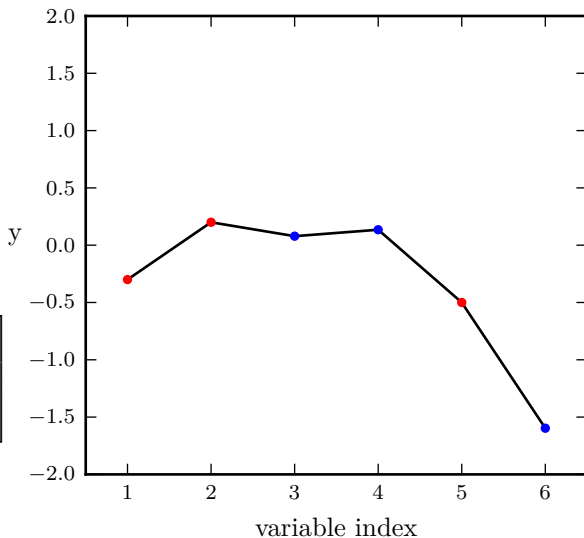
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



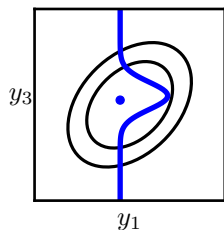
## New visualisation



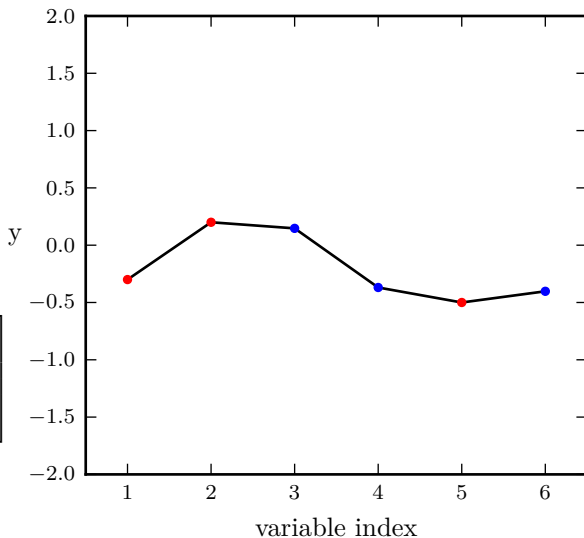
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



## New visualisation

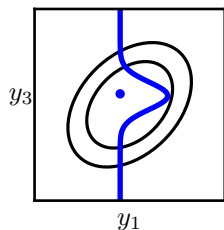


$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$

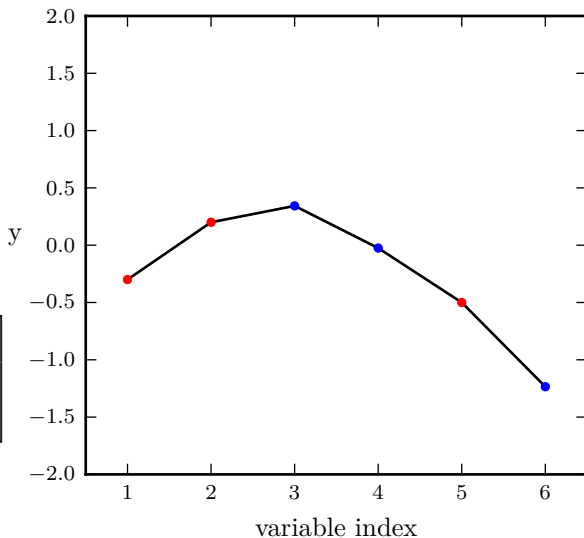




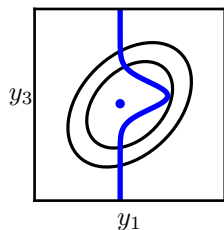
## New visualisation



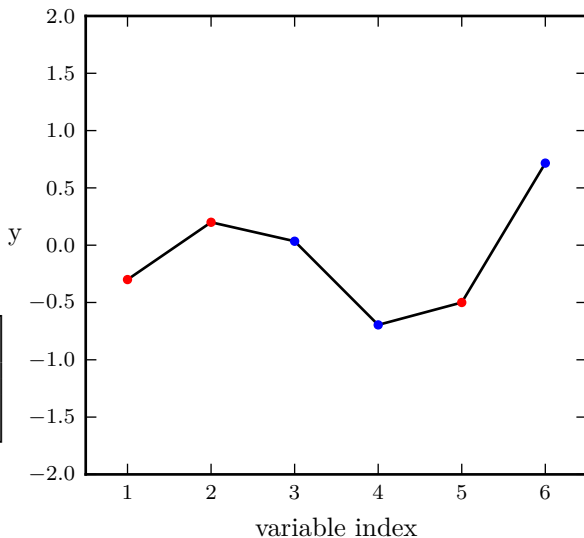
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



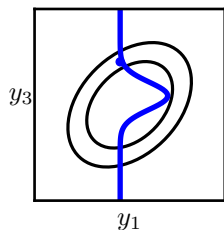
## New visualisation



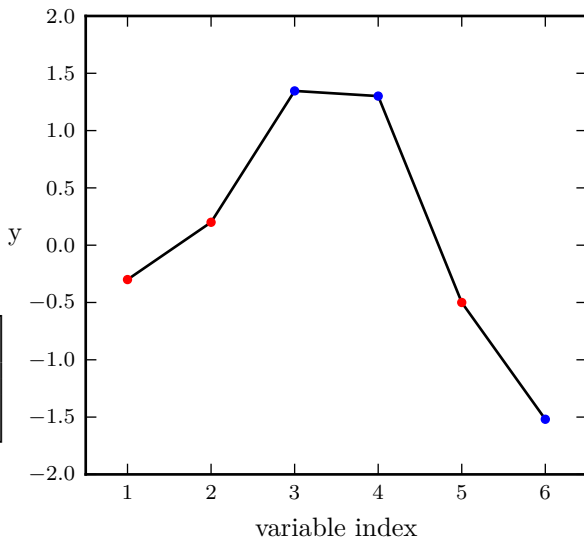
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



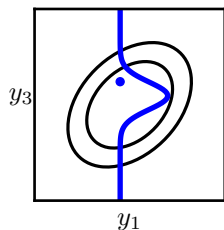
## New visualisation



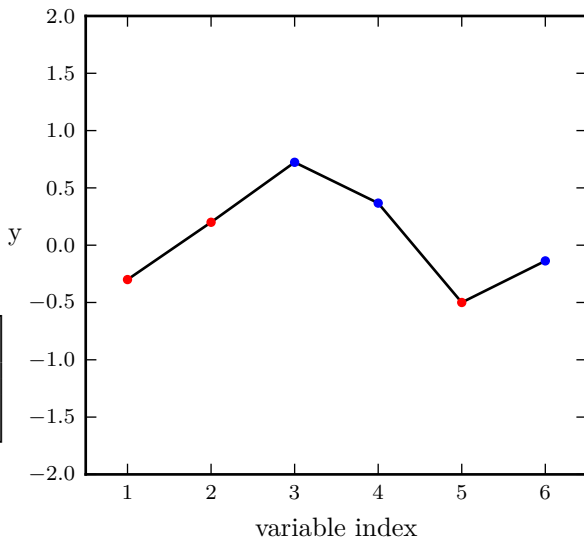
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



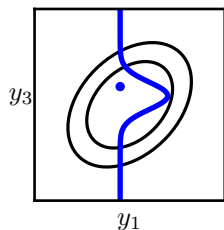
## New visualisation



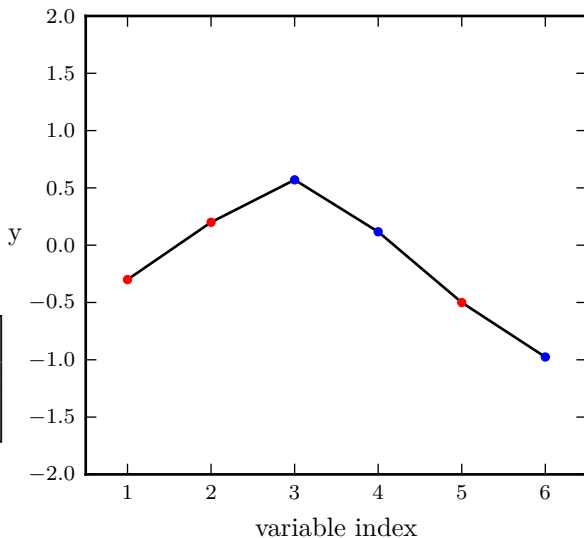
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



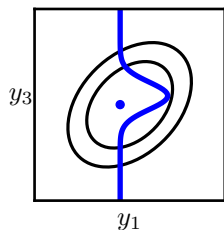
## New visualisation



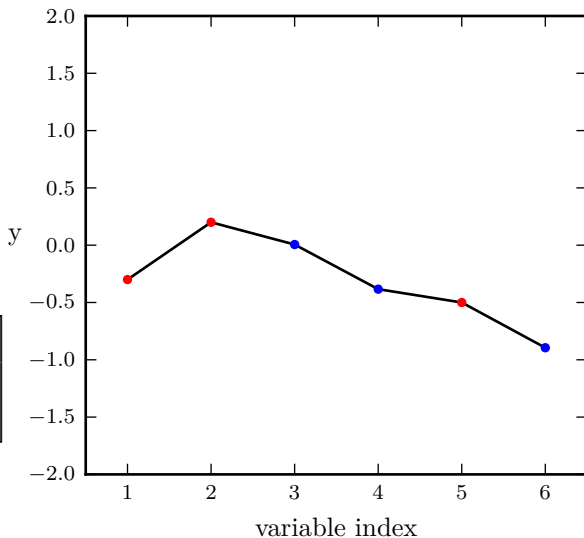
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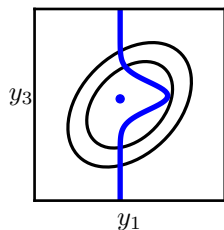
## New visualisation



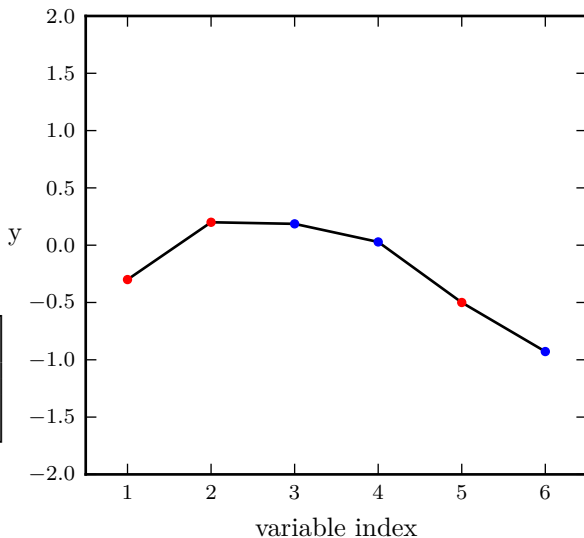
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



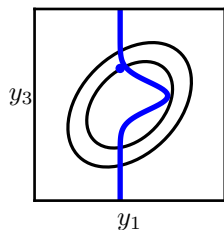
## New visualisation



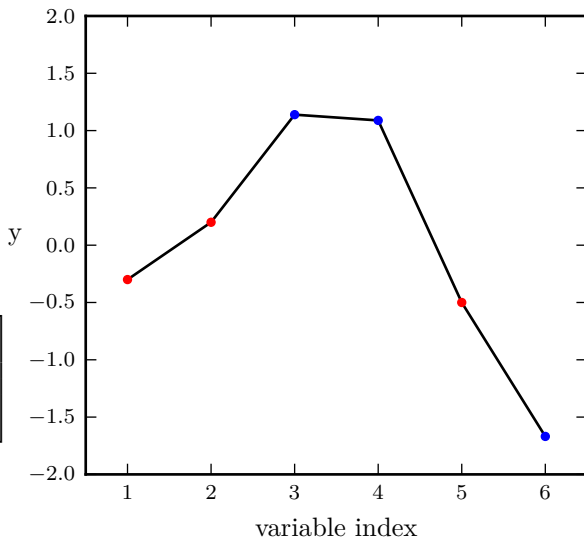
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



## New visualisation



$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$

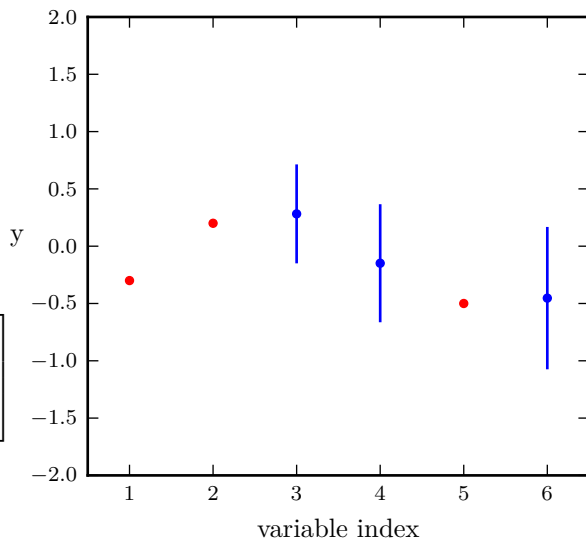




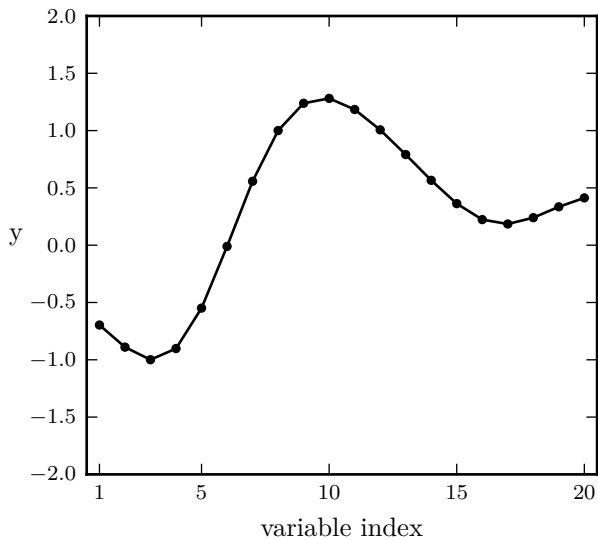
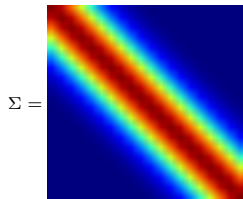
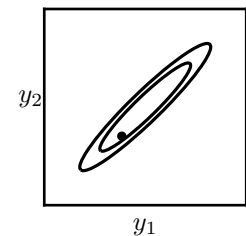
## New visualisation

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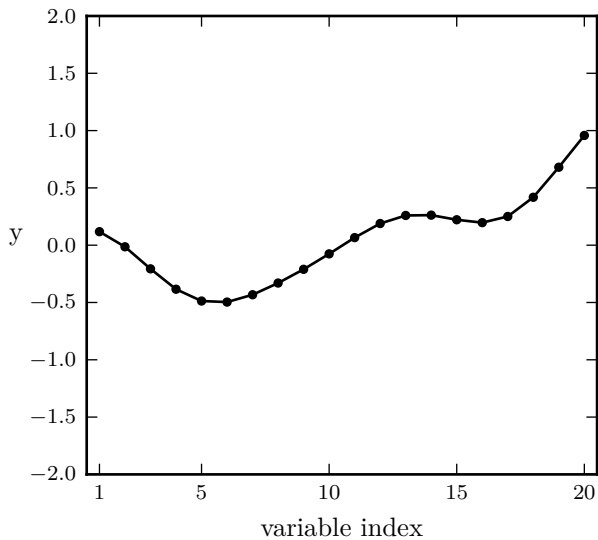
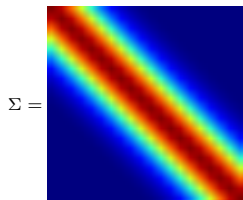
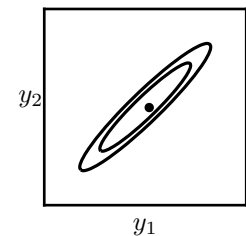
$$\Sigma = \begin{bmatrix} 1 & .8 & .4 & .1 & & \\ .8 & 1 & .8 & .4 & .1 & \\ .4 & .8 & 1 & .8 & .4 & .1 \\ .1 & .4 & .8 & 1 & .8 & .4 \\ & .1 & .4 & .8 & 1 & .8 \\ & & .1 & .4 & .8 & 1 \end{bmatrix}$$



## New visualisation

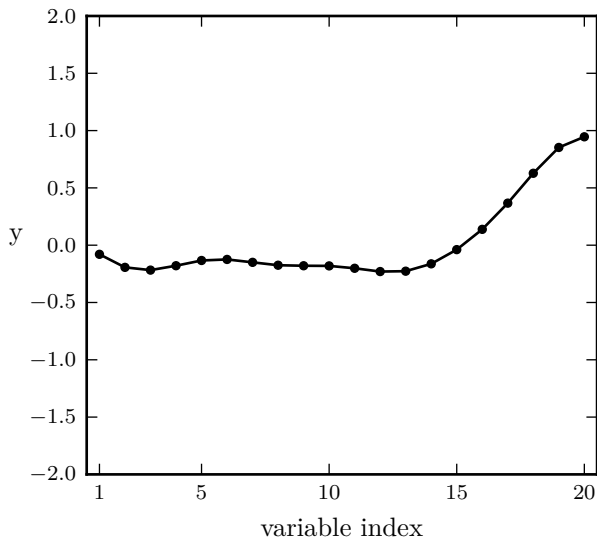
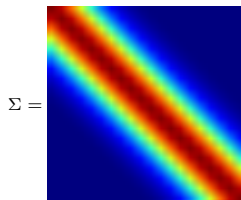
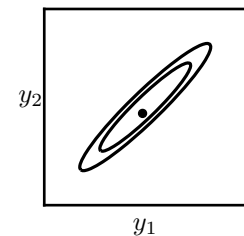


## New visualisation

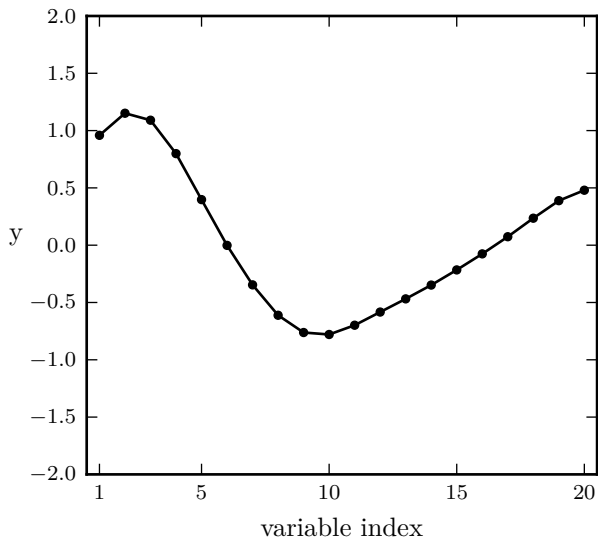
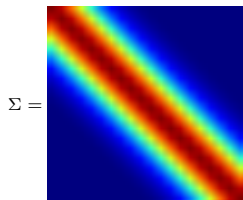
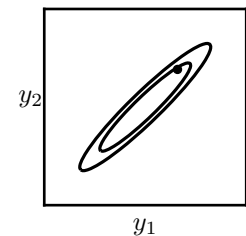


## New visualisation

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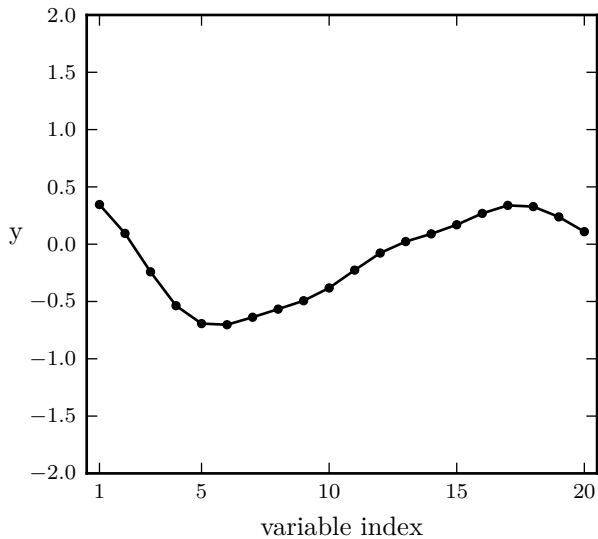
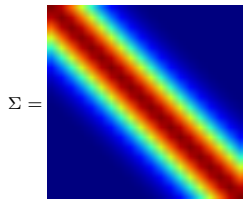
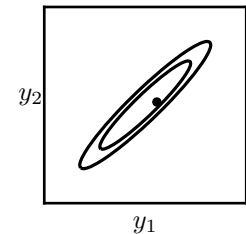


## New visualisation



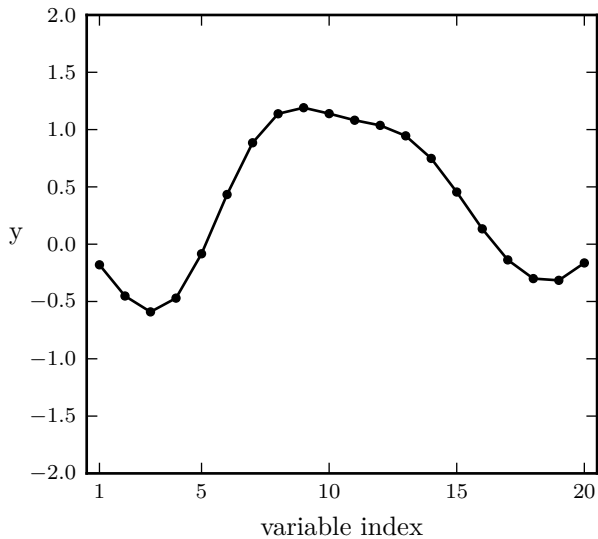
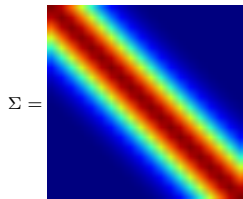
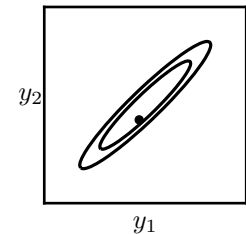
## New visualisation

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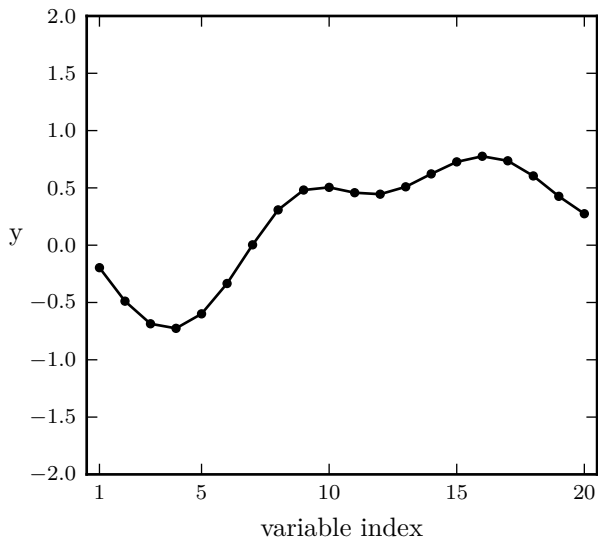
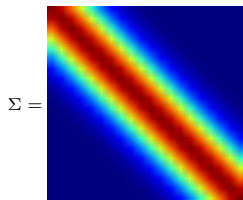
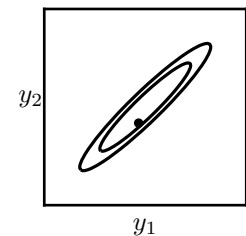
## New visualisation

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## New visualisation

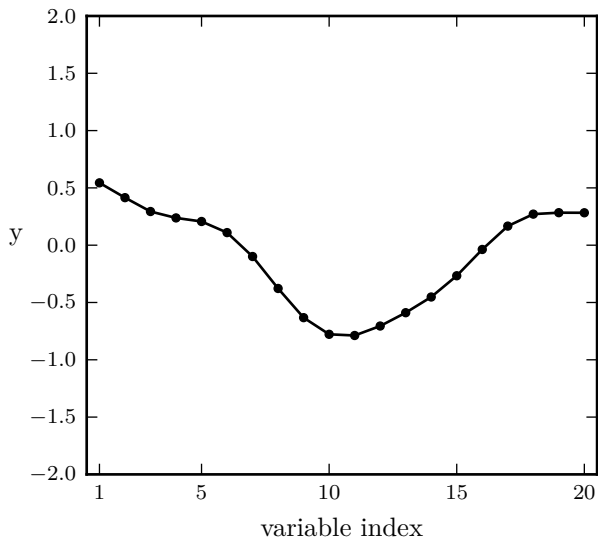
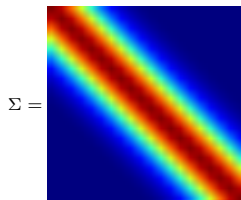
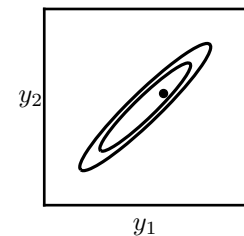
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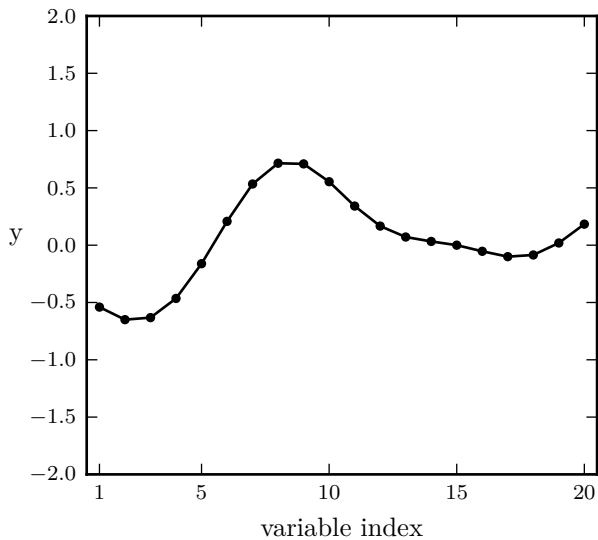
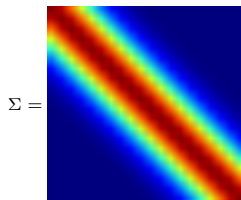
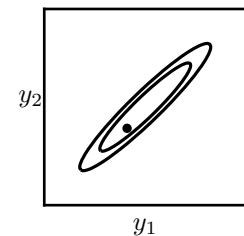


## New visualisation

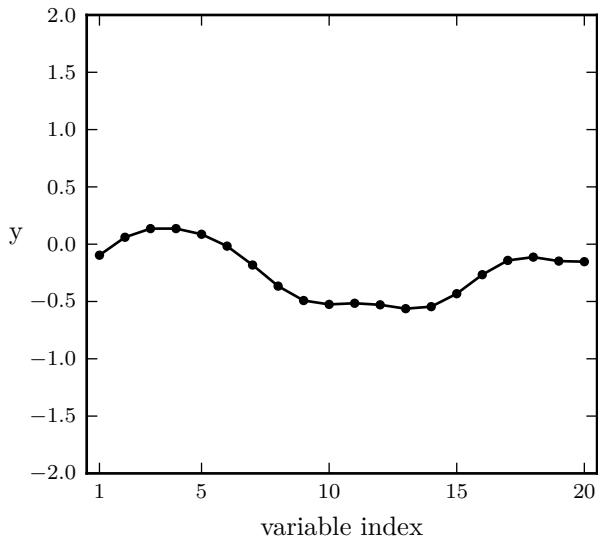
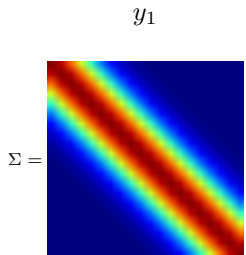
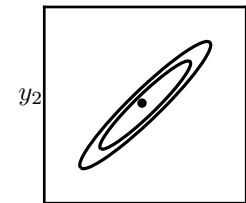
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## New visualisation

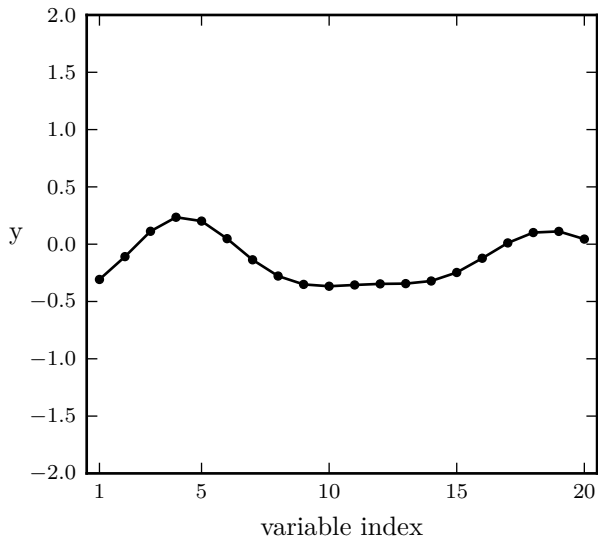
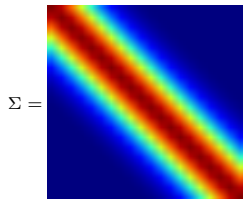
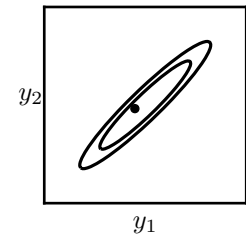


## New visualisation



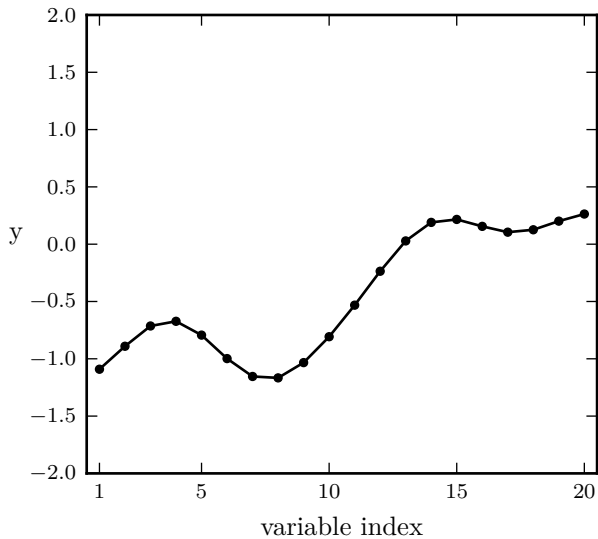
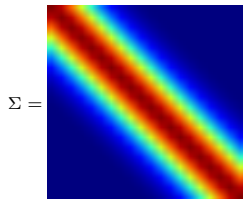
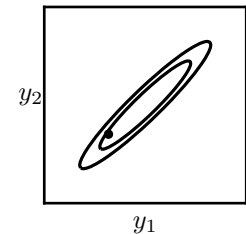
## New visualisation

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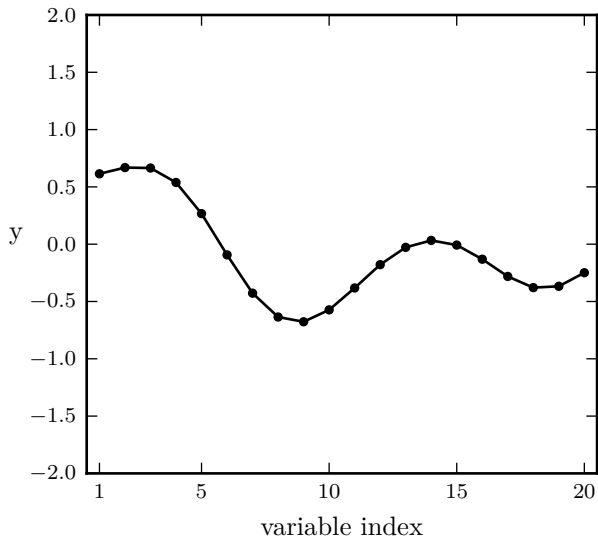
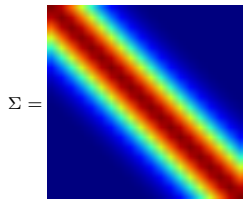
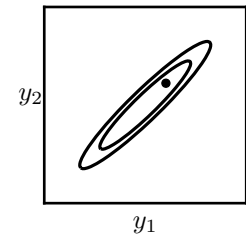
## New visualisation

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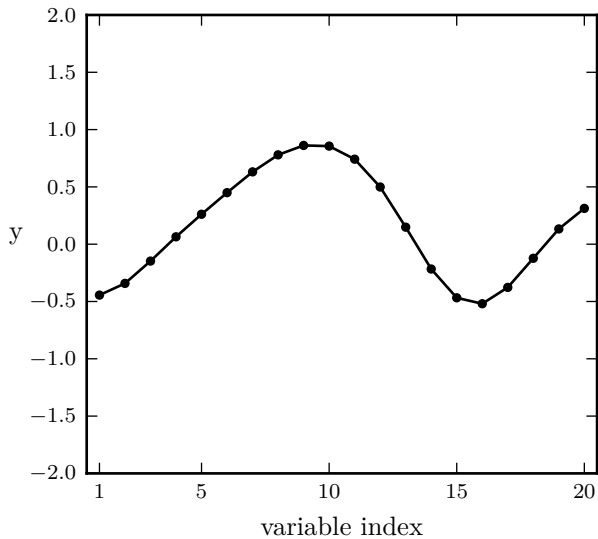
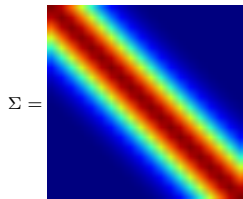
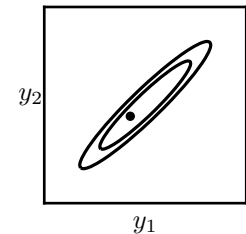
## New visualisation

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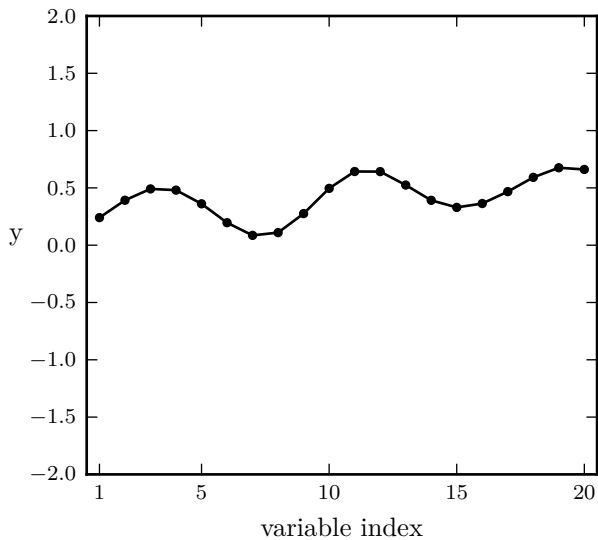
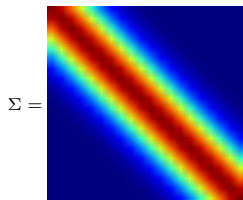
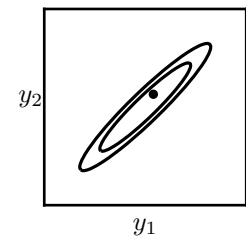


## New visualisation

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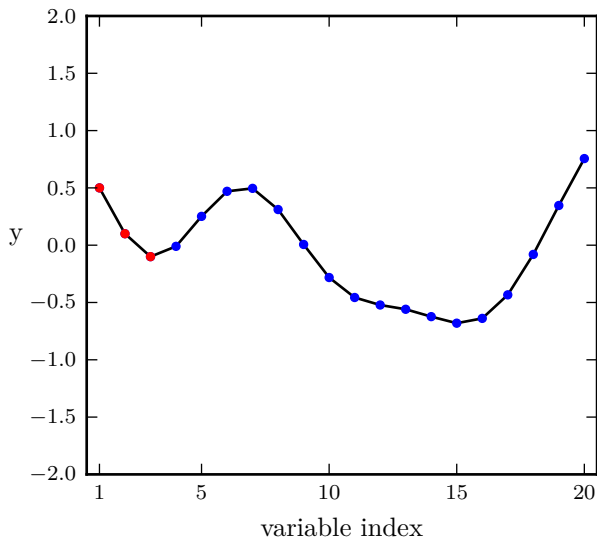
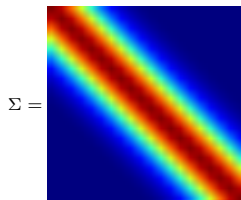
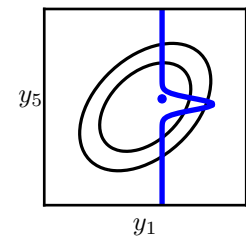


## New visualisation

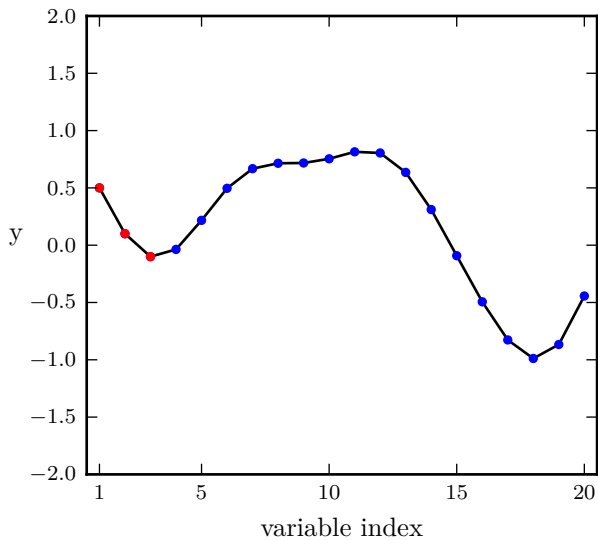
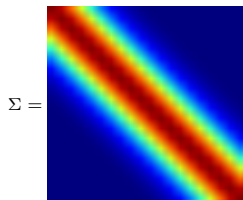
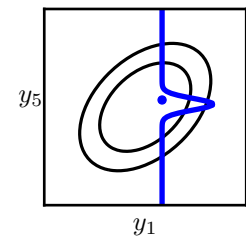




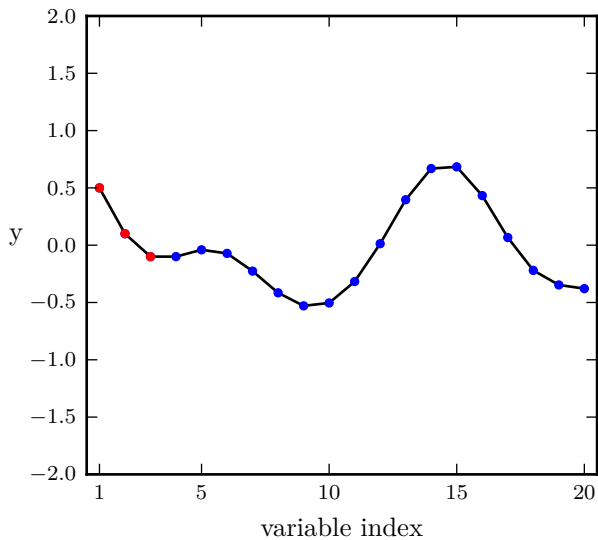
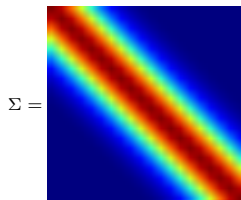
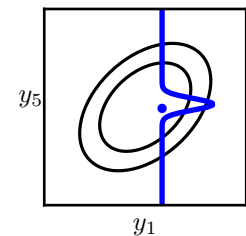
## New visualisation



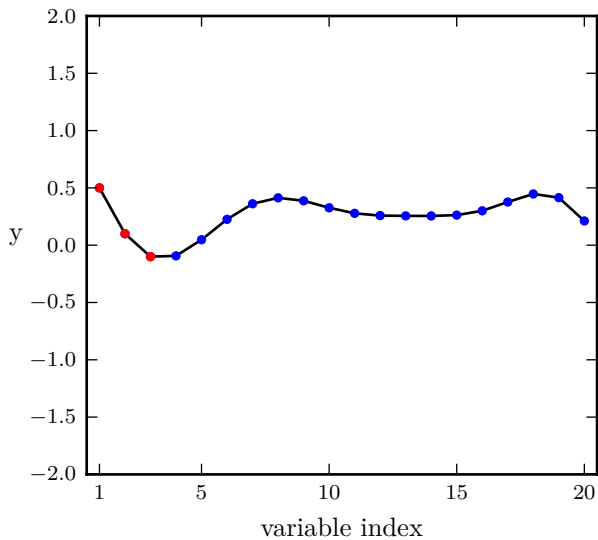
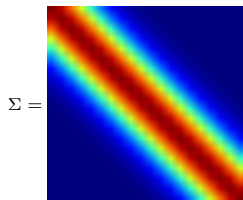
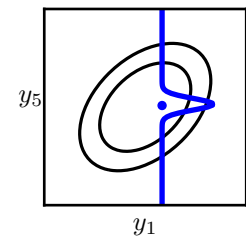
## New visualisation



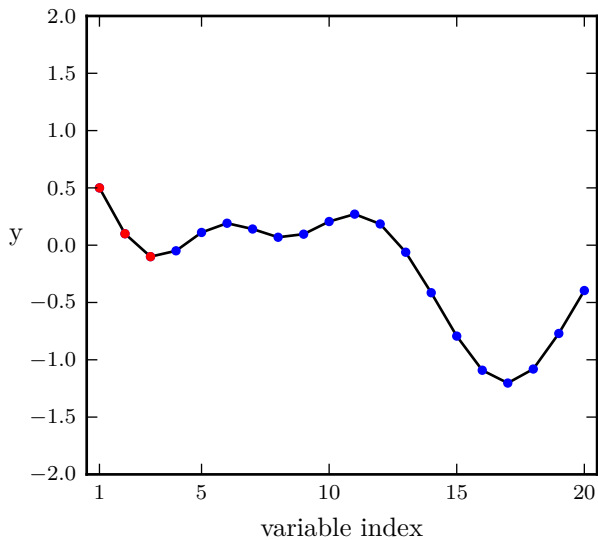
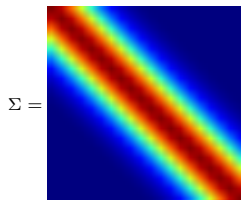
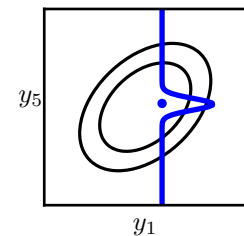
## New visualisation



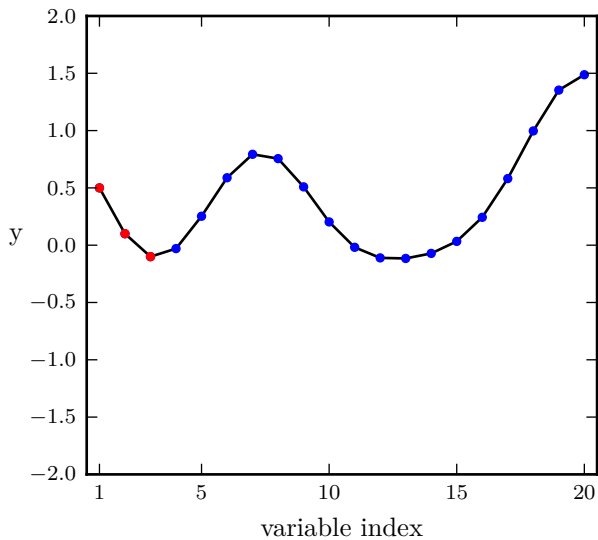
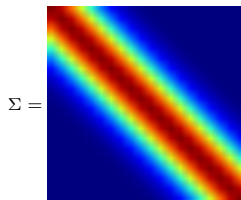
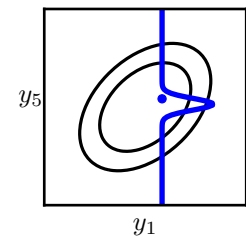
## New visualisation



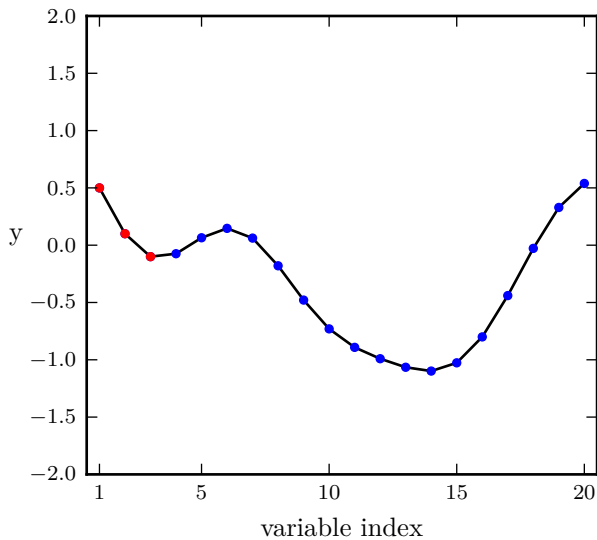
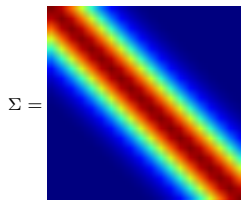
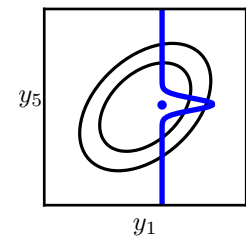
## New visualisation



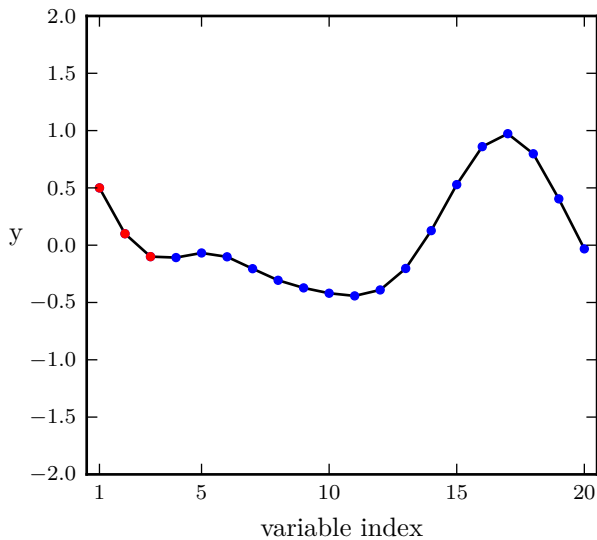
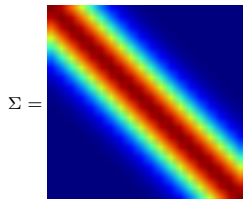
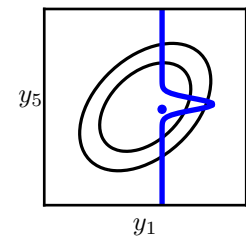
## New visualisation



## New visualisation

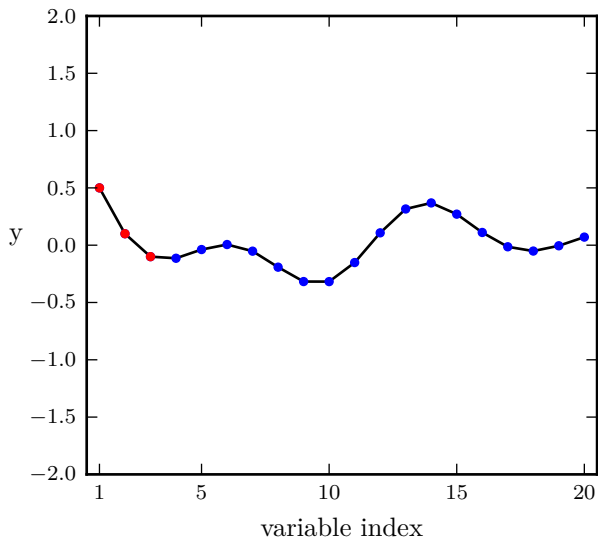
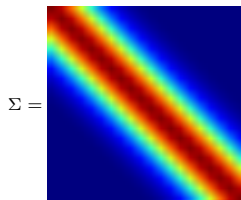
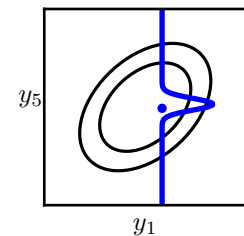


## New visualisation

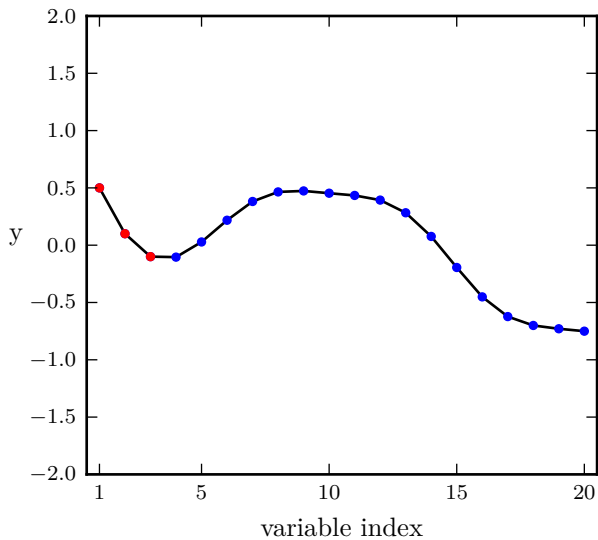
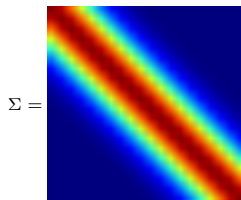
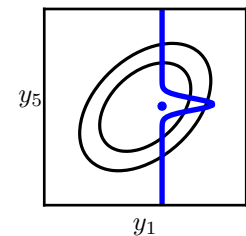




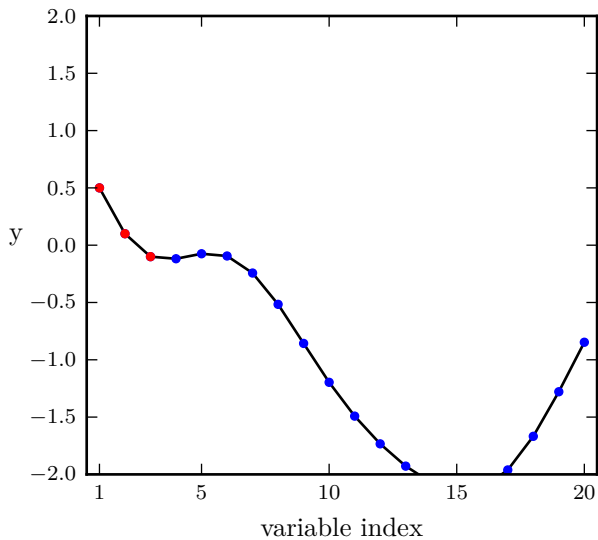
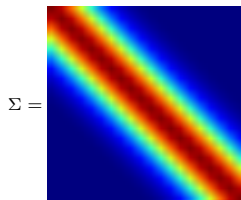
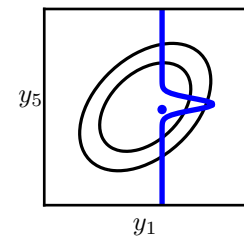
## New visualisation



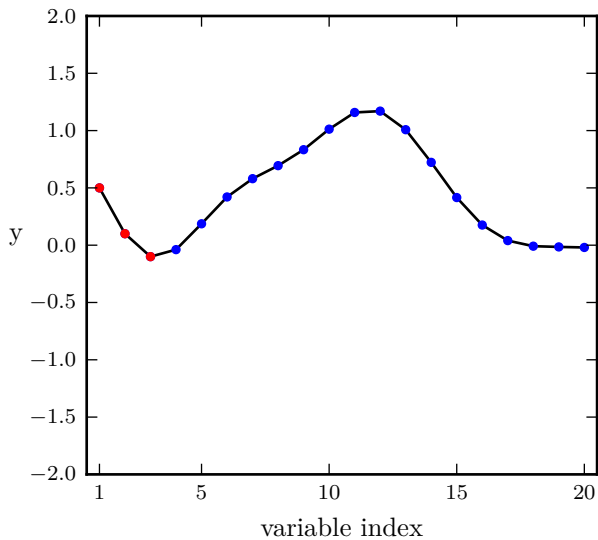
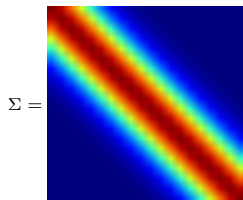
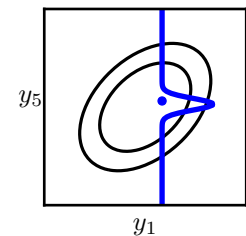
## New visualisation



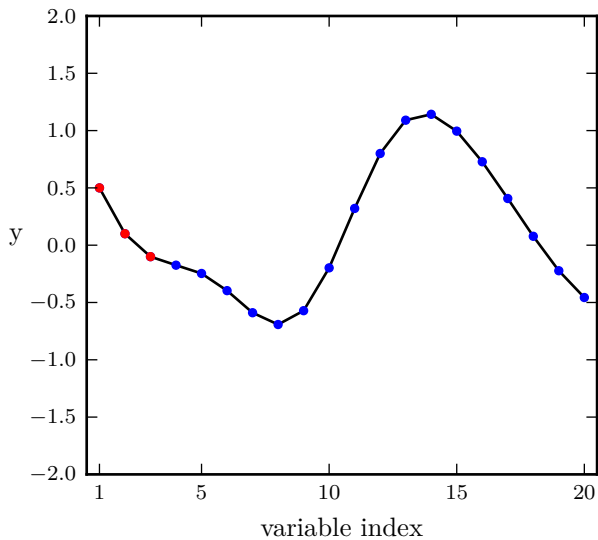
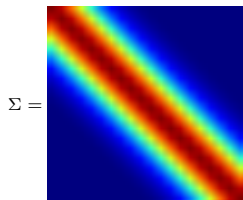
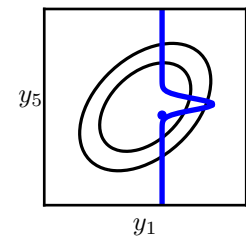
## New visualisation



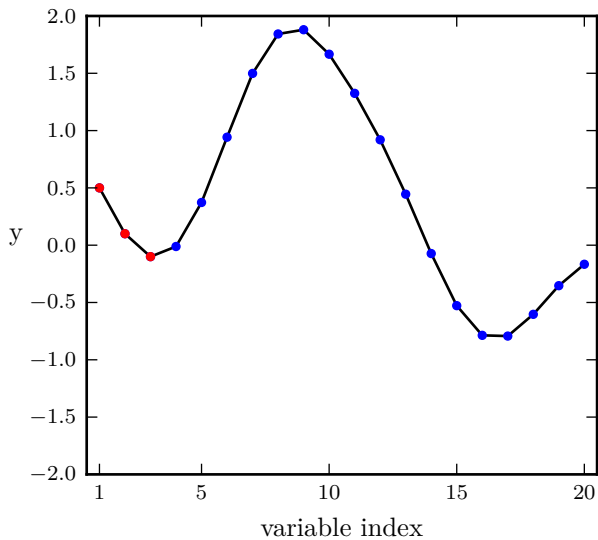
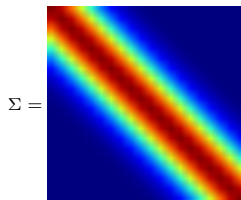
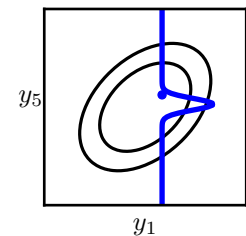
## New visualisation



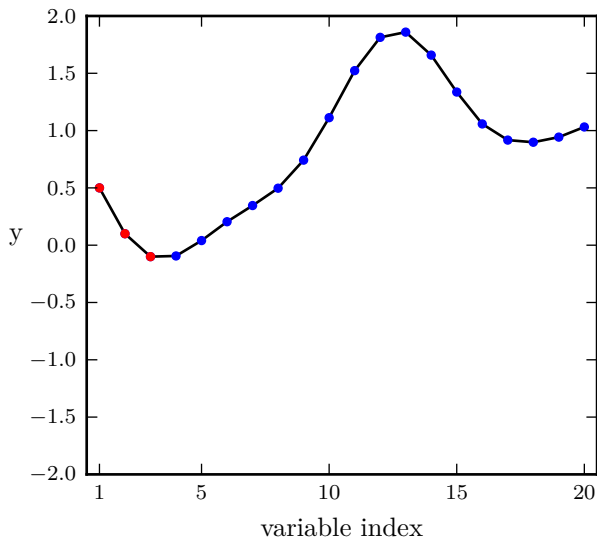
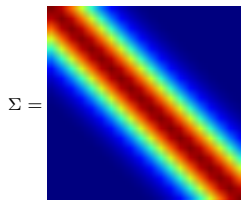
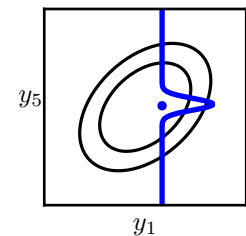
## New visualisation



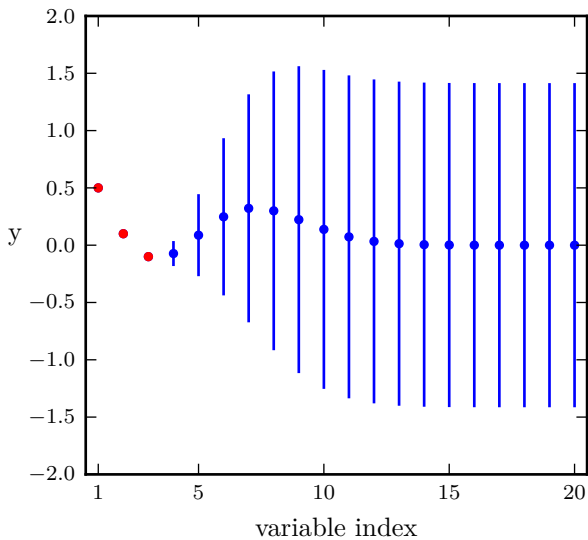
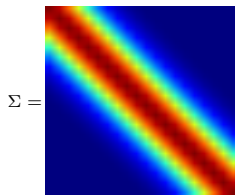
## New visualisation



## New visualisation

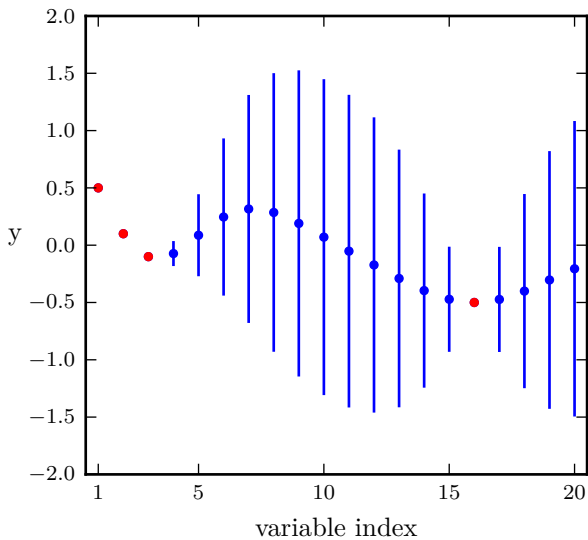
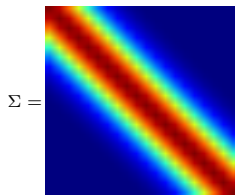


## New visualisation





## New visualisation



## New visualisation

