# A broad learning system for <sup>18</sup>F-FDG PET/MRI imaging diagnosis in temporal lobe epilepsy patients

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#### Abstract

This is the abstract.

It consists of two paragraphs.

Keywords: Epilepsy, Broad Learning System, Positron emission tomography, MRI

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#### 1. Bibliography styles

Here are two sample references: Feynman and Vernon Jr. (1963; Dirac, 1953).

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#### 1.1. Using CSL

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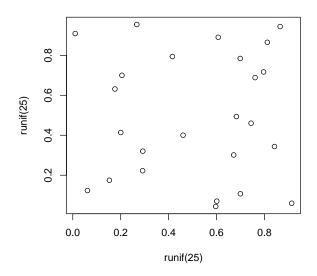


Figure 1: A meaningless scatterplot.

# 2. Equations

Here is an equation:  $\hat{y} = \hat{\beta}_0 + \hat{\beta}_1 X_1 + \hat{\beta}_2 X_2$ \$

$$f_X(x) = \left(\frac{\alpha}{\beta}\right) \left(\frac{x}{\beta}\right)^{\alpha-1} e^{-\left(\frac{x}{\beta}\right)^{\alpha}}; \alpha, \beta, x > 0.$$

Here is another:

$$a^2 + b^2 = c^2. (1)$$

In line equations:  $\sum_{i=2}^{\infty}\{\alpha_i^{\beta}\}$ 

# 3. Figures and tables

Figure 1 is generated using an R chunk.

# 4. Tables coming from R

Tables can also be generated using R chunks, as shown in Table 1 for example.

Table 1: Caption centered above table

	mpg	cyl	disp	hp
Mazda RX4	21.0	6	160	110
Mazda RX4 Wag	21.0	6	160	110
Datsun 710	22.8	4	108	93
Hornet 4 Drive	21.4	6	258	110
Hornet Sportabout	18.7	8	360	175
Valiant	18.1	6	225	105

### References

P. A. M. Dirac. The Lorentz transformation and absolute time.  $Physica,\ 19(1--12):888-896,\ 1953.$  doi: 10.1016/S0031-8914(53)80099-6.

R. P Feynman and F. L Vernon Jr. The theory of a general quantum system interacting with a linear dissipative system. Annals of Physics, 24:118–173, 1963. doi: 10.1016/0003-4916(63)90068-X.