

# NAG Library Routine Document

## X01ABF

**Note:** before using this routine, please read the Users' Note for your implementation to check the interpretation of *bold italicised* terms and other implementation-dependent details.

### 1 Purpose

X01ABF returns the numerical value of  $\gamma$  (Euler's constant).

### 2 Specification

```
FUNCTION X01ABF (X)
REAL (KIND=nag_wp) X01ABF
REAL (KIND=nag_wp) X
```

### 3 Description

None.

### 4 References

None.

### 5 Arguments

1: X – REAL (KIND=nag\_wp) *Dummy*

### 6 Error Indicators and Warnings

None.

### 7 Accuracy

The result should be correct to *machine precision* (see Chapter X02).

### 8 Parallelism and Performance

X01ABF is not threaded in any implementation.

### 9 Further Comments

None.

### 10 Example

None.

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