1 Examples

Abbreviations with dots e.g. (for example) and S.I. (sample initials) and abbreviation without dots hypertext markup language (HTML) and the end of the sentence.

(Next use.) Abbreviations with dots e.g. and S.I. and abbreviation without dots HTML and the end of the sentence.

Plural: S.I.s and at the end of a sentence S.I.s.

Reset. First use end of sentence: e.g. (for example). S.I. (sample initials). hypertext markup language (HTML).

Next use end of sentence: e.g. S.I. HTML.

2 Space Factors

Test the space factors. (More visible if we switch to a monospaced font.)

Initialisms in the middle e.g. and S.I. of a sentence.

Initialism at the end of a sentence e.g. Initialism at the end of a sentence S.I. Another sentence.

Compare with explicitly writing the text without \gls and judicious use of \\
and \\:  

Initialisms in the middle e.g. and S.I. of a sentence.

Initialism at the end of a sentence e.g. Initialism at the end of a sentence S.I. Another sentence.

Glossary

e.g. for example

HTML hypertext markup language

S.I. sample initials