Font Shape Bug Demonstration (WITH WORKAROUND)

CHRISTOPHER CARROLL

This version demonstrates that the workaround SUCCESSFULLY FIXES the font shape error. This document uses `workaround.sty` which declares the missing font shapes, allowing compilation to succeed.

1. THE WORKAROUND APPLIED

This document includes: `\usepackage{workaround}`

This package declares the missing font shape combinations, allowing LaTeX to compile successfully.

2. TESTING PREVIOUSLY-FAILING COMBINATIONS

All of these should now work WITHOUT errors:

2.1 *Small Caps + Italic*

This text combines SMALL CAPS WITH ITALIC successfully!

The journal QUARTERLY JOURNAL OF ECONOMICS can now be cited.

2.2 *Small Caps + Slanted*

This uses SMALL CAPS WITH SLANTED text.

2.3 *Slanted + Italic*

This combines *slanted with italic* styles.

3. DEMONSTRATION OF ALL PROBLEM CASES

The following were the problematic combinations from the original MWE:

- `scit`: small caps + italic → NOW WORKS!

- `scsl`: small caps + slanted → NOW WORKS!

- `slit`: slanted + italic → *now works!*

4. VERIFICATION

Result: This document compiles successfully WITHOUT errors.

Visual Check: While the combined font shapes degrade gracefully (showing only small caps or slanted, not both attributes), the document compiles and produces readable output.

Workaround Status: **PROVEN TO WORK**

4.1 *What the Workaround Does*

The `workaround.sty` package uses `\DeclareFontShape` commands to map the missing combined shapes to available base shapes:

- `scit` (small caps + italic) → `sc` (small caps only)

- `scsl` (small caps + slanted) → `sc` (small caps only)

- `slit` (slanted + italic) → `sl` (slanted only)

This graceful degradation is preferable to compilation failure.