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2	Minimal Working Example	2
3		3
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5		5
6	This minimal example demonstrates a header formatting bug in	6
7	econsocart.cls where Quantitative Economics (QE) submissions	7
8	in draft mode display garbled headers on odd pages.	8
9		9
10	1. REPRODUCING THE BUG	10
11	Compile this document with:	11
12	pdflatex mwe-headers-draft.tex	12
13	Then examine the header on page 2 (an odd page).	13
14		14
15	1.1 <i>Expected Behavior</i>	15
16	For QE submissions, odd-page headers (right side) should show:	16
17	[Paper Title] [Page Number]	17
18		18
19	1.2 <i>Actual Behavior (Bug)</i>	19
20	Instead, odd-page headers show:	20
21	Submitted to Quantitative EconomicsMinimal Working Example1	21
22	The journal name and title are concatenated without spacing, creating garbled,	22
23	unreadable text.	23
24		24
25	2. ROOT CAUSE ANALYSIS	25
26		26
27	2.1 <i>Location in Source Code</i>	27
28	File: econsocart.cls, lines 1953–1956	28
29	\ifecta@layout	29
30	_____	30
31		31
32		32

1	\markboth{\let.\econsocart@redef@uc@dot\runauthor}{\@nuntitle}%	
2	\else	2
3	\markboth{\@runauthor\hfill\runjournal}{\@runjournal\hfill\@runtile}	
4	\fi	4
5		5
6	2.2 The Problem	6
7	1. QE submissions use \documentclass[qe]{econsocart}	7
8		8
9	2. This sets \qe@layouttrue but not \ecta@layouttrue	9
10	3. Conditional falls into \else branch (intended for other journals)	10
11		11
12	4. The \else branch sets: \rightmark = \@runjournal\hfill\@runtile	12
13	5. Both journal name and title appear in odd-page header	13
14		14
15	2.3 Why This Is Wrong	15
16		16
17	QE submissions should behave like ECTA (Econometrica) submissions:	17
18	<hr/>	18
19	Page Type Should Show Actually Shows	
20	Even (left) Journal name Journal name	19
	Odd (right) Paper title only Journal name + Title	20
21		21
22		22
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27		27
28		28
29		29
30		30
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```
1          3. DEMONSTRATION ON PAGE 2          1
2 This section forces content onto page 2 so you can observe the garbled header in  2
3 the compiled PDF.                      3
4 Look at the top-right corner of this page. You should see both the journal name  4
5 and the paper title crammed together.      5
6
7          3.1 Additional Context          6
8 The bug affects readability and professionalism of draft submissions. While re-  7
9 viewers can still read the document, the garbled headers look unprofessional and  8
10 may cause confusion.                     9
11
12          3.2 Impact          11
13 • Severity: Major visual defect      12
14
15 • Scope: All QE submissions in draft mode  13
16
17 • Workaround: Required for acceptable output 14
18
19          4. SUGGESTED FIX          15
20 Modify econsocart.cls lines 1953–1956 to handle QE like ECTA:  16
21 \ifeqct@layout
22     \markboth{\let.\econsocart@redef@uc@dot\runauthor}{\runtile}%
23 \else
24     \ifeqe@layout
25         % QE should behave like ECTA for headers      17
26         \markboth{\let.\econsocart@redef@uc@dot\runauthor}{\runtile}%
27 \else
28     % Other journals show journal name + title      18
29     \markboth{\runauthor\hfill\runjournal}{%
30         {\runjournal\hfill\runtile}}%
31 \fi
32 \fi
```

1 This would correctly set: 1

2 • \leftmark = \@runauthor (authors, for even pages) 2

3 • \rightmark = \@runttitle (title only, for odd pages) 3

4

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6 5. TEMPORARY WORKAROUND 6

7 Until the class file is fixed, users can directly redefine headers after \end{frontmatter}. 7

8 See `workaround.sty` for a complete implementation. 8

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