AMENDMENT TO H.R. 50, AS REPORTED

OFFERED BY MR. MEADOWS OF NORTH CAROLINA

Page 12, after line 22, insert the following new subsection:

1 (c) REQUIREMENT TO PUBLISH RESEARCH
2 SOURCE CODE AND DATA.—

3   (1) IN GENERAL.—At any time during a rule-
4 making process that an assessment of any new regu-
5 lation is completed, including the costs and benefits
6 of such regulation, and not later than the issuance
7 of such rule, the head of each agency, to enable enti-
8 ties outside the Federal Government to replicate the
9 assessment, shall publish the following related to
10 such assessment:

11   (A) Any research source code and data
12   used by that agency, including—

13   (i) any program used for any model,
14   including intermediate and final;

15   (ii) any source code, data, and other
16   materials used for any estimate or assump-
17   tion used as a component in the overall
18   model; and

1   (iii) each data preparation routine, in-
2   cluding cleaning, statistical matching, re-
3   placement of missing data with substituted
4   values, and other data steps used in turn-
5   ing raw data into the data set used and
6   the assessment.

7   (B) Any unprocessed data that is not pro-
8   hibited from disclosure by statute.

9   (C) With regard to any unprocessed data
10   that is prohibited from disclosure by statute—

11   (i) a complete list of all data variables
12   for such data; and

13   (ii) descriptive statistics for all data
14   variables for such data (including averages,
15   standard deviations, number of observa-
16   tions, and correlations to other variables),
17   in lieu of but analogous to the original
18   data, to allow the research source code and
19   data to function as intended.

20   (D) Any supplemental documentation, in-
21   cluding that which documents—

22   (i) changes to the methodology and
23   changes between versions of software im-
24   plementation code; and

1   (ii) instructions that are sufficient to

2   allow an individual outside of the Federal

3   Government or not employed by the agency

4   to run the model on their own.

5   (2) ISSUANCE TO CONGRESS.—If the result of

6 an assessment described in paragraph (1) is re-

7 quested privately and is issued to a Member of Con-

8 gress or to a committee, such source code, data, and

9 other materials shall be released to the private re-

10 cipient, who may then choose to release the informa-

11 tion publicly.

12   (3) AGENCY DEFINED.—In this subsection, the

13 term "agency" has the meaning given that term in

14 section 551 of title 5, United States Code.

15   (4) EFFECTIVE DATE.—This subsection shall

16 take effect 6 months after the date of the enactment

17 of this Act.

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