4.A. Author matrix. Please complete the authorship matrix affirming which roles each author has fulfilled. To be listed as an author, persons should have made contributions in both of the shaded areas; all others should be acknowledged as contributors. In the box in 4.B., we invite you to name other contributors. In addition, you may use the box in 4.B. if you wish to name other kinds of contributions by authors.

Section 4 A. and B. will be made available in the electronic version of accepted manuscripts.

*You may wish to copy the author's names from the box on page 2.

Manuscript Number: HSR-09-0411.R2	Each author box showing	must check at important con	Each author must check at least one blue box showing important contributions to:	& check contributions in at least one orange box:	tributions in range box:
	Conception and design	Acquisition of data	Analysis and interpretation	Drafting the	Critical revision for
		(arranging for or	of data	manuscript	important intellectual
Name of Each Author*		obtaining)			content
John D. Birkmeyer, MD	図	\boxtimes	X	XI	\boxtimes
Cathryn Gust, MS			X		X
Onur Baser, PhD		\boxtimes	X		Ø
Justin B. Dimick, MD					区
Jason M. Sutherland, PhD	区	X			M
Jonathan S. Skinner, PhD	Ø		Ø		\boxtimes
				J	
][

Section 4.B. Other Contributions

Other: (specify

Some research projects involve very extensive teams with many people who do not meet the criteria for authorship but who have contributed importantly to the work. The box below is designed to acknowledge other types of contributions. As appropriate, use this box to name other people who have made important contributions to the work reported in this manuscript. Please also name people who have played a significant role in preparing the manuscript but who are not listed as authors. NOTE: If you wish to acknowledge any of these contributors in print, please include their names and roles in the joint acknowledgment section below.

Please name contributors to be acknowledged for: Statistical analysis:		
Data collection (under supervision)		
Interviewing (under supervision)		
Programming and data management	NONE.	
Editing for presentation or style		
Obtaining funding		
Administrative, technical, or material support		
Supervision of research staff		

INSTRUCTIONS: THE CORRESPONDING AUTHOR MUST FILL OUT SECTION 5.

5. Joint Acknowledgment/Disclosure Statement. Please enter a 1-3 sentence statement that acknowledges all forms of financial and material support for the project, the roles of key individuals who should be recognized; (this may or may not extend to everyone listed as contributors). Please also include summary statements about what you feel are the conflicts of interests and disclosures without which some readers may feel that important relevant information is being withheld. The editors will determine whether these disclosures are sufficient or excessive and may return a revised version. All authors will need to approve the final version. As appropriate, please add at the end of your statement: 'Disclosures: None' or 'No Other Disclosures'.

Section 5 will be made available in both the electronic and print version of accepted manuscripts.

Joint Acknowledgement/Disclosure Statement:

This work was supported by funding from the National Institute on Aging (POIA 6019783-0751).

NO Other Disclosures.

The corresponding author should obtain permission to name all individuals named in an Acknowledgment or the Contributorship Section because readers may infer their endorsement of data and conclusions.

The corresponding author must check the box below to affirm his/her certification that:

• all persons who have made substantial contributions to the work reported in this manuscript (e.g., data collection, analysis, or writing or editing assistance) but who do not fulfill the authorship criteria are named with their specific contributions in the

Contributorship Box associated with the manuscript.

- all persons named in the Contributorship box have provided me with permission to be named.
- no other persons have made substantial contributions to this manuscript.
- all authors have approved the Joint Acknowledgement/Disclosure Statement intended for publication and the author matrix.

I, the corresponding author, certify that the above statements are true.

(Adapted, with permission, from the Journal of the American Medical Association, 2006)