Title: Unilateral Forelimb Sensorimotor Cortex Devascularization Disrupts the Topographic and Kinematic Characteristics of Hand Movements While String-pulling for Food in the Rat

Authors: Ashley A. Blackwell, William L. Widick, Joseph L. Cheatwood, Ian Q Whishaw, Douglas G. Wallace

PII: S0166-4328(17)31184-1
DOI: https://doi.org/10.1016/j.bbr.2017.10.014
Reference: BBR 11134

To appear in: *Behavioural Brain Research*

Received date: 19-7-2017
Revised date: 12-10-2017
Accepted date: 13-10-2017

Please cite this article as: Blackwell Ashley A, Widick William L, Cheatwood Joseph L, Whishaw Ian Q, Wallace Douglas G.Unilateral Forelimb Sensorimotor Cortex Devascularization Disrupts the Topographic and Kinematic Characteristics of Hand Movements While String-pulling for Food in the Rat.*Behavioural Brain Research* https://doi.org/10.1016/j.bbr.2017.10.014

Unilateral Forelimb Sensorimotor Cortex Devascularization Disrupts the Topographic and Kinematic Characteristics of Hand Movements While String-pulling for Food in the Rat

Running Head: Unilateral forelimb sensorimotor cortex

Ashley A. Blackwell[1], William L. Widick[1], Joseph L. Cheatwood[2], Ian Q Whishaw[3], Douglas G. Wallace[1]

[1]Psychology Department, Northern Illinois University, De Kalb, Illinois, USA

[2]Department of Anatomy, Southern Illinois University of Medicine, Carbondale, Illinois, USA

[3]Canadian Centre for Behavioural Neuroscience, University of Lethbridge, Lethbridge, Alberta, Canada

Correspondence to:

Douglas G. Wallace

Psychology Department

Northern Illinois University

DeKalb, IL 60115-2892, USA

e-mail: dwallace@niu.edu

Fax: (815)-753-8088