Ligation of the Jugular Veins Does Not Result in Brain Inflammation or Demyelination in Mice

Wendy Atkinson, BS1,\*, Reza Forghani, MD, PhD1,2,4,\*, Gregory R. Wojtkiewicz, MS1, Benjamin Pulli, MD1, Yoshiko Iwamoto, BS1, Takuya Ueno, MD, PhD1, Peter Waterman, MBA1, Jessica Truelove, BS1, Rahmi Oklu, MD, PhD3, and John W. Chen, MD, PhD1,2

1Center for Systems Biology, Massachusetts General Hospital and Harvard Medical School, Richard B. Simches Research Center, 185 Cambridge Street, Suite 5.210, Boston, MA, USA 02114

2Division of Neuroradiology, Department of Radiology, Massachusetts General Hospital and Harvard Medical School, 55 Fruit St., GRB-285, Boston, MA USA 02114

3Division of Vascular Imaging & Intervention, Department of Radiology, Massachusetts General Hospital and Harvard Medical School, 55 Fruit St., GRB-290A, Boston, MA USA 02114

4Sir Mortimer B. Davis Jewish General Hospital and McGill University, Room C-210.2, 3755 Cote Ste-Catherine Rd, Montreal, Quebec, Canada H3T 1E2

\*WA and RF contributed equally.



Fig S3: EAE clinical scores of sham group (n=6, open circle) and JVL group (n=16, closed square) up to day 130 post-surgery.