

Supporting Information S1 Fig for

Predicting precision grip grasp locations on three-dimensional objects

Authors:

Lina K. Klein ^{1,†}, Guido Maiello ^{1,†,*}, Vivian C. Paulun ¹, Roland W. Fleming ^{1,2}

¹ Department of Experimental Psychology, Justus Liebig University Giessen, Giessen 35394, Germany

² Center for Mind, Brain and Behavior, Justus Liebig University Giessen, Giessen 35394, Germany

* Corresponding Author:

Guido Maiello

Department of Experimental Psychology, Justus Liebig University Giessen, Otto-Behaghel-Str.10F, Giessen 35394, Germany

Email: guido_maiello@yahoo.it

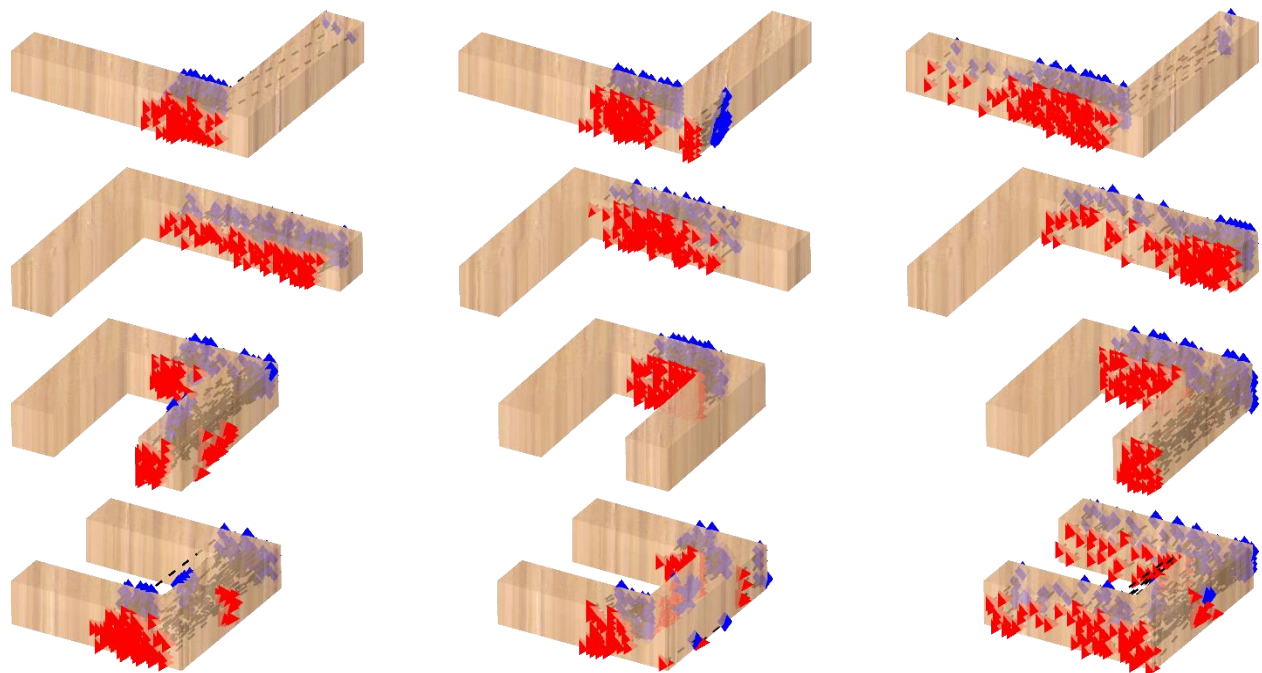
[†] joint first authors; these authors contributed equally to this work

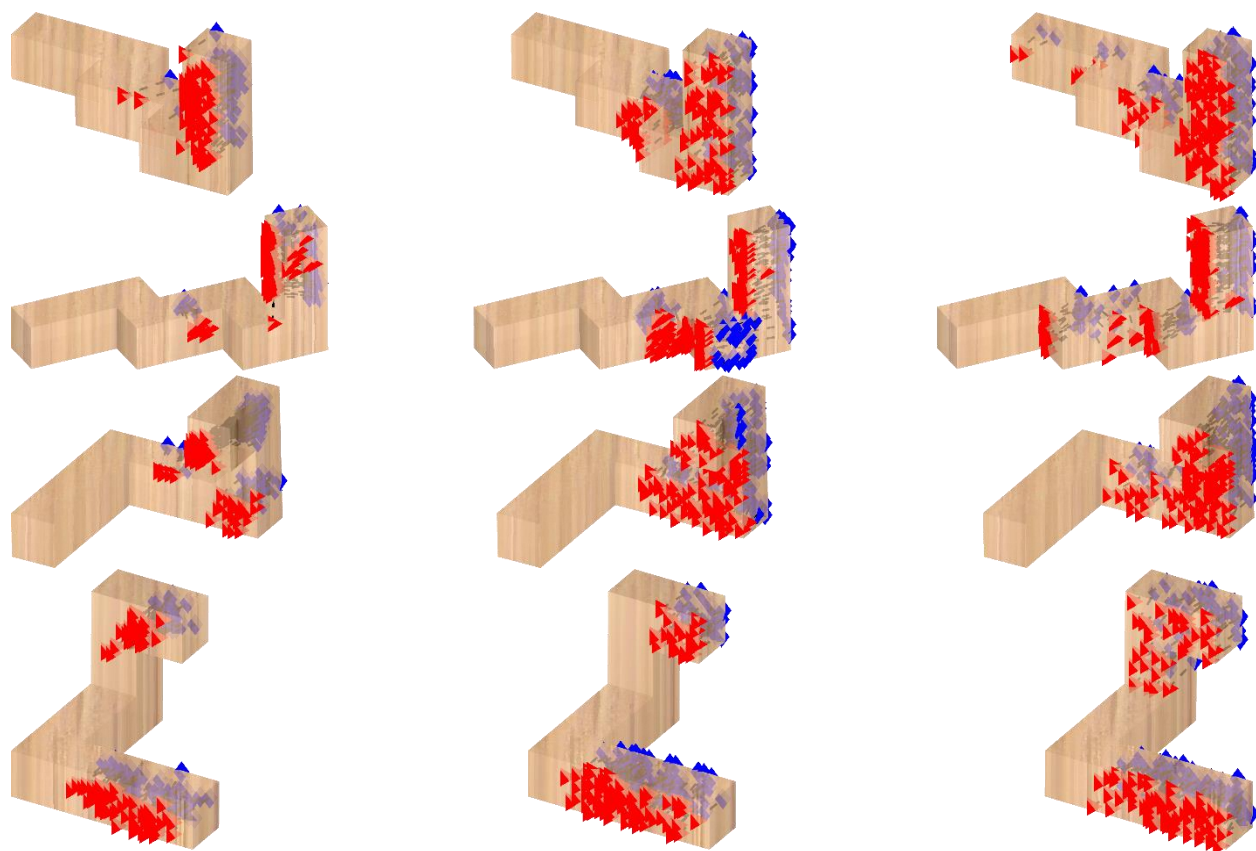
(a) Experiment 1

Human

Unfitted Model

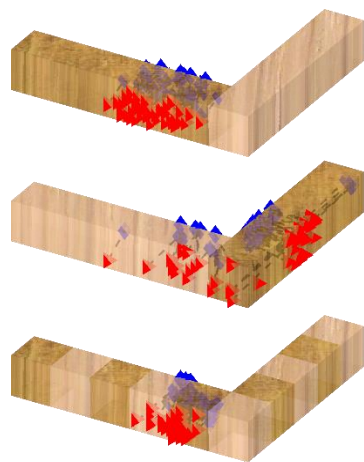
Fitted Model



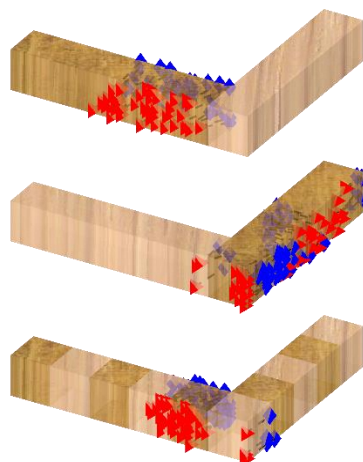


(b) Experiment 2

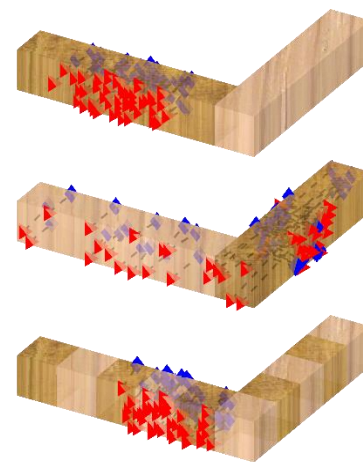
Human

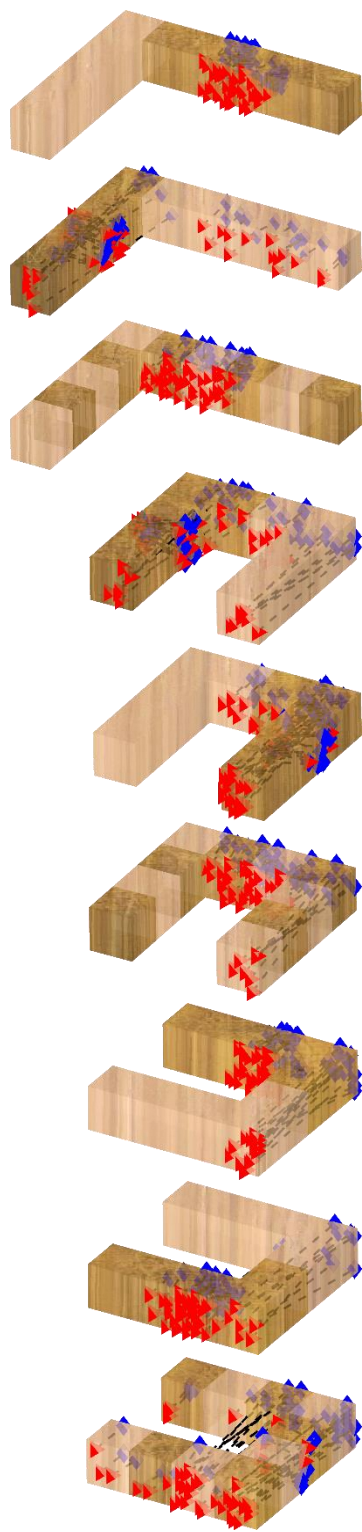
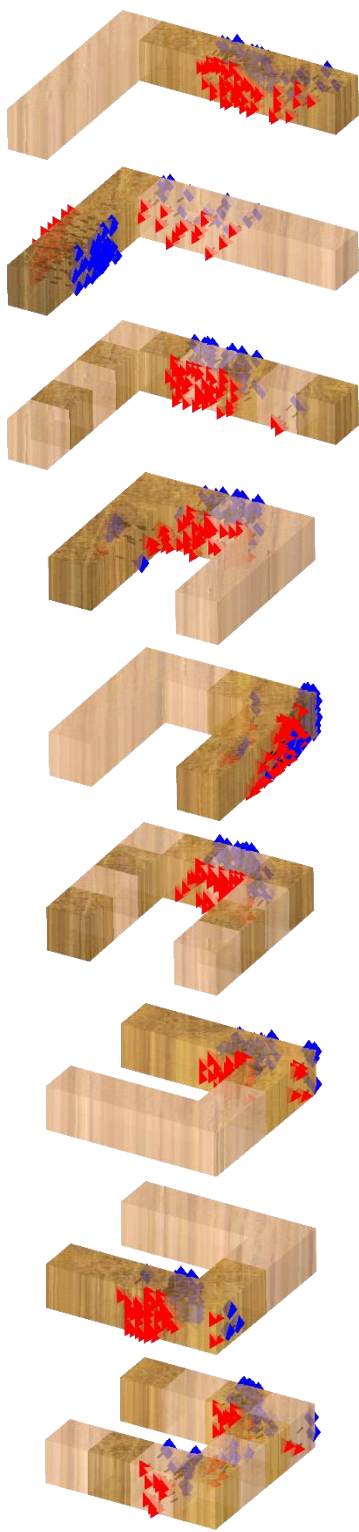
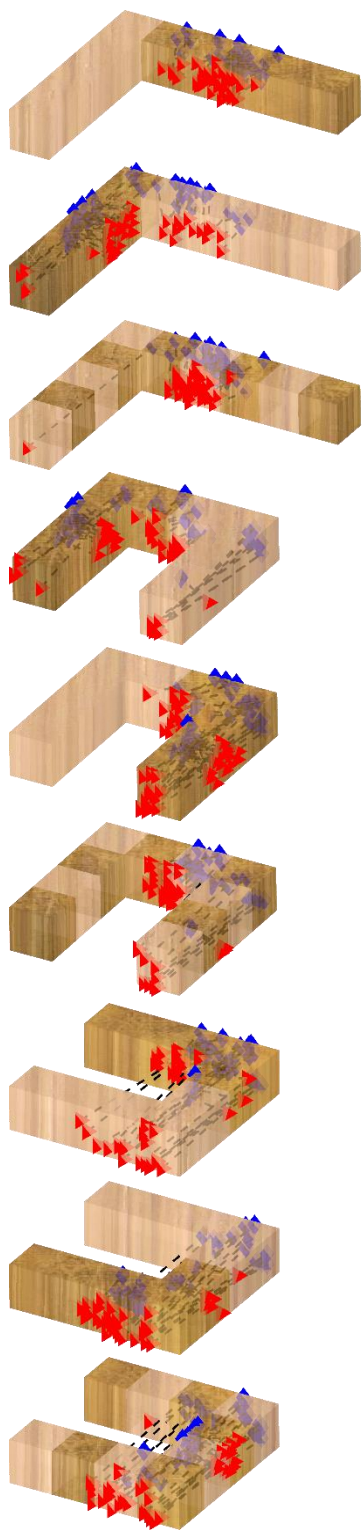


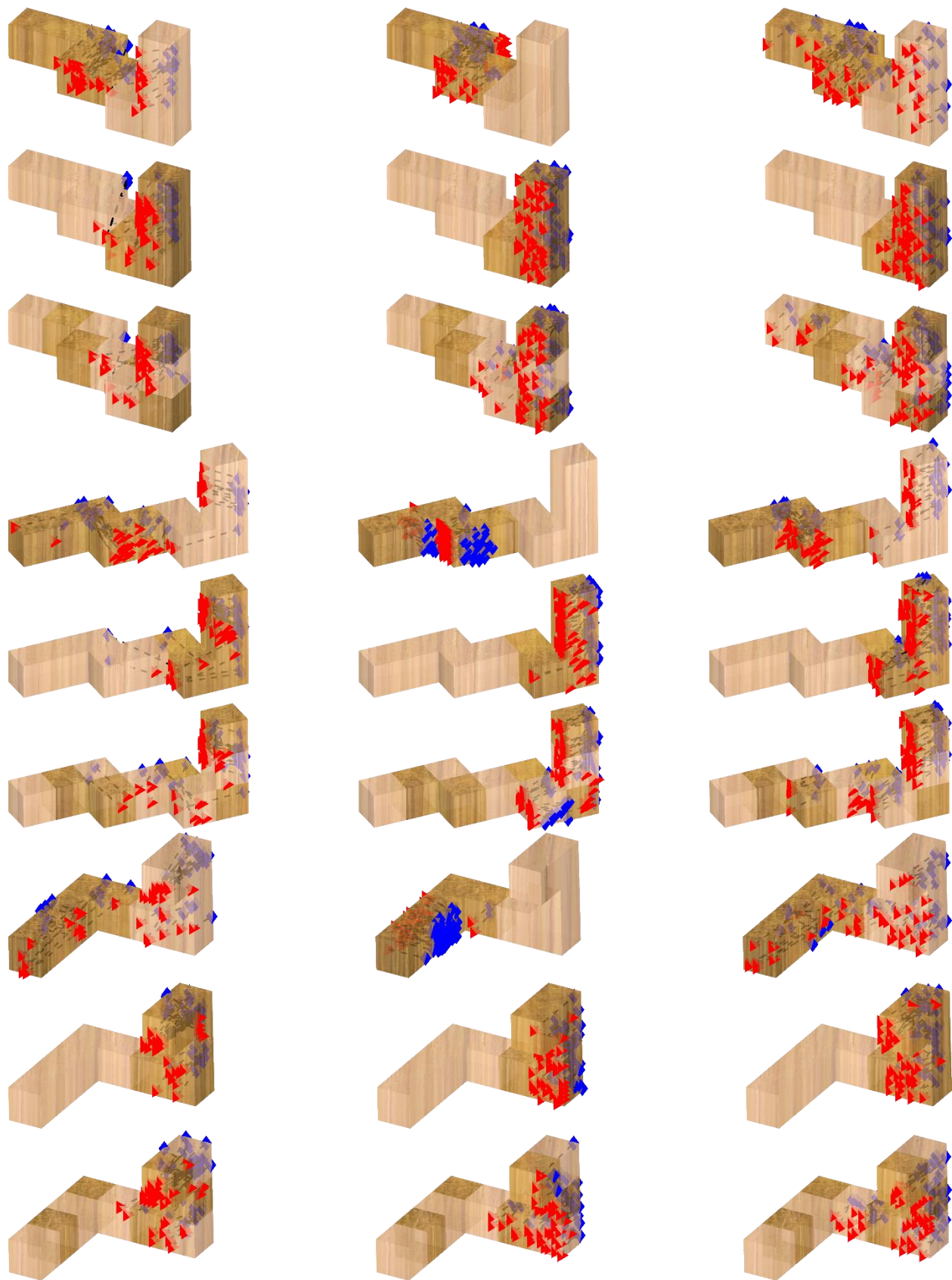
Unfitted Model

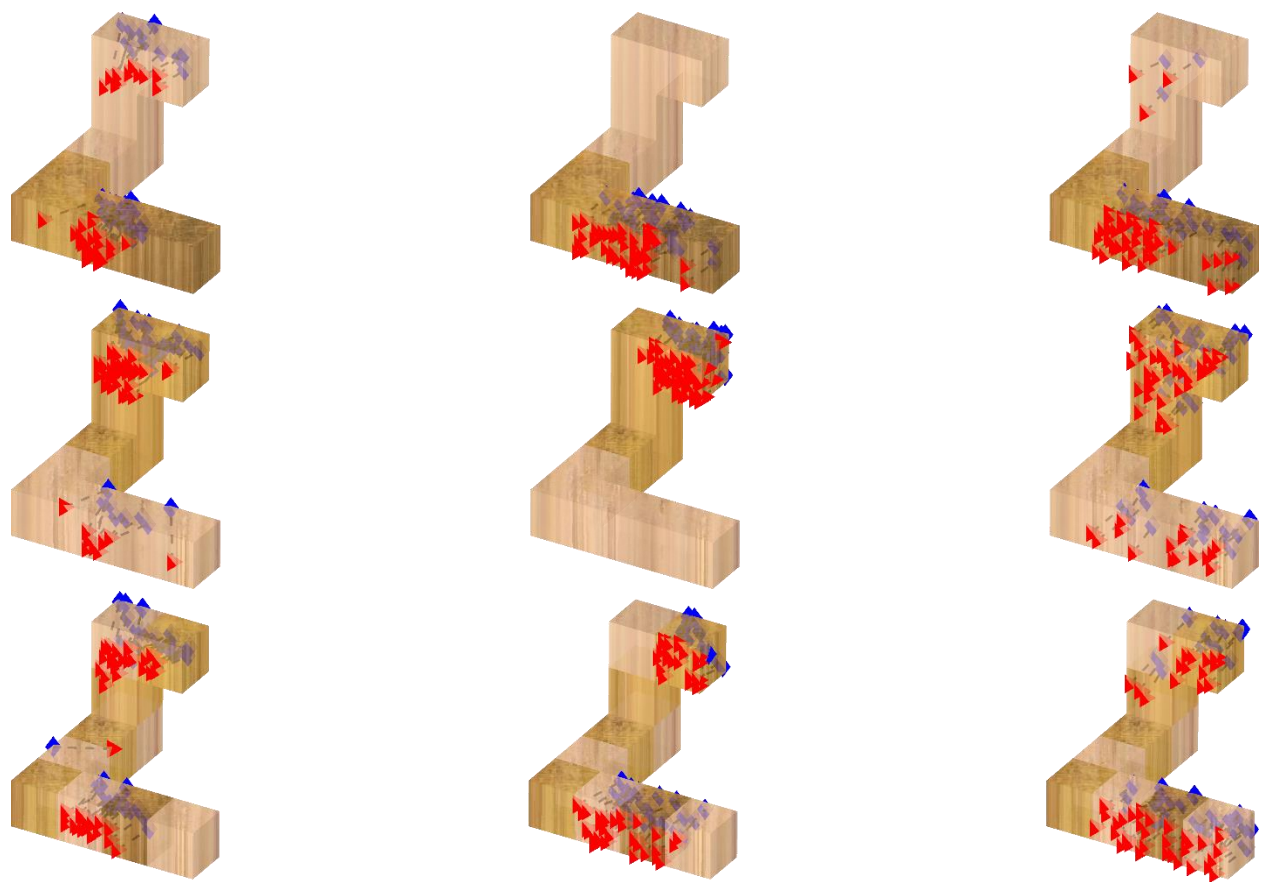


Fitted Model









S1 Fig. Human and model grasping patterns for Experiments 1 and 2. Grasping patterns from human participants (left), unfitted model (middle), and fitted model (right). (a) Grasping patterns on wooden objects from Experiment 1. (b) Grasping patterns on mixed material objects from Experiment 2.