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Lower patellofemoral joint contact force during side-step cutting after return-to-sports clearance anterior cruciate ligament reconstruction

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Authors	San Jose, Argell J.;Maniar, Nirav;Whiteley, Rodney;Opar, David A.;Timmins, Ryan G.;Kotsifaki, Roula
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APPENDIX

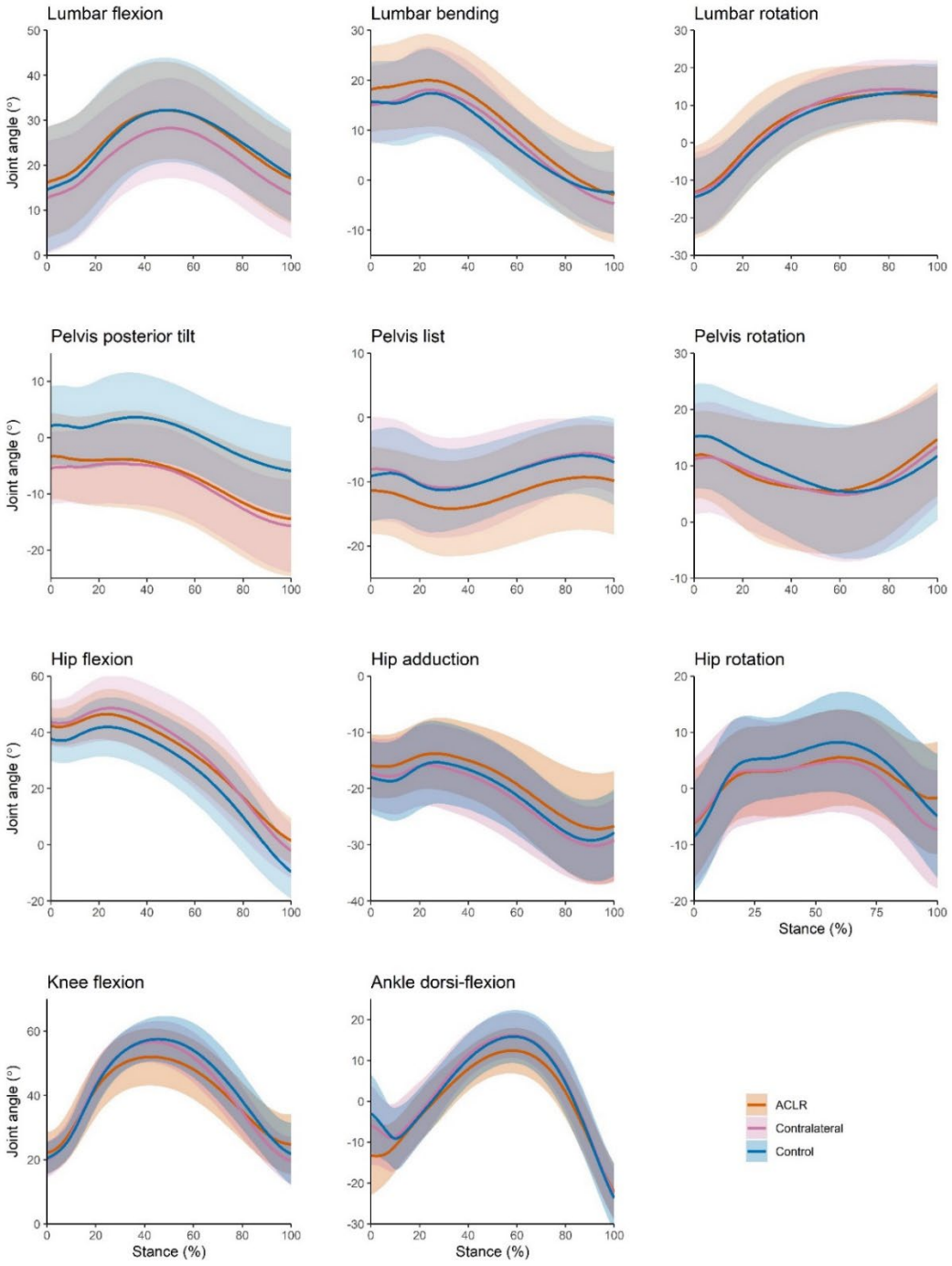


Figure A1. Mean (line) and SD (shaded area) joint angles during the stance phase of the anticipated sidestep cut between the ACLR (orange), Contralateral (pink), and Control (blue) limbs. Values are averaged across all participants and reported in degrees. *ACLR,* anterior cruciate ligament reconstruction.

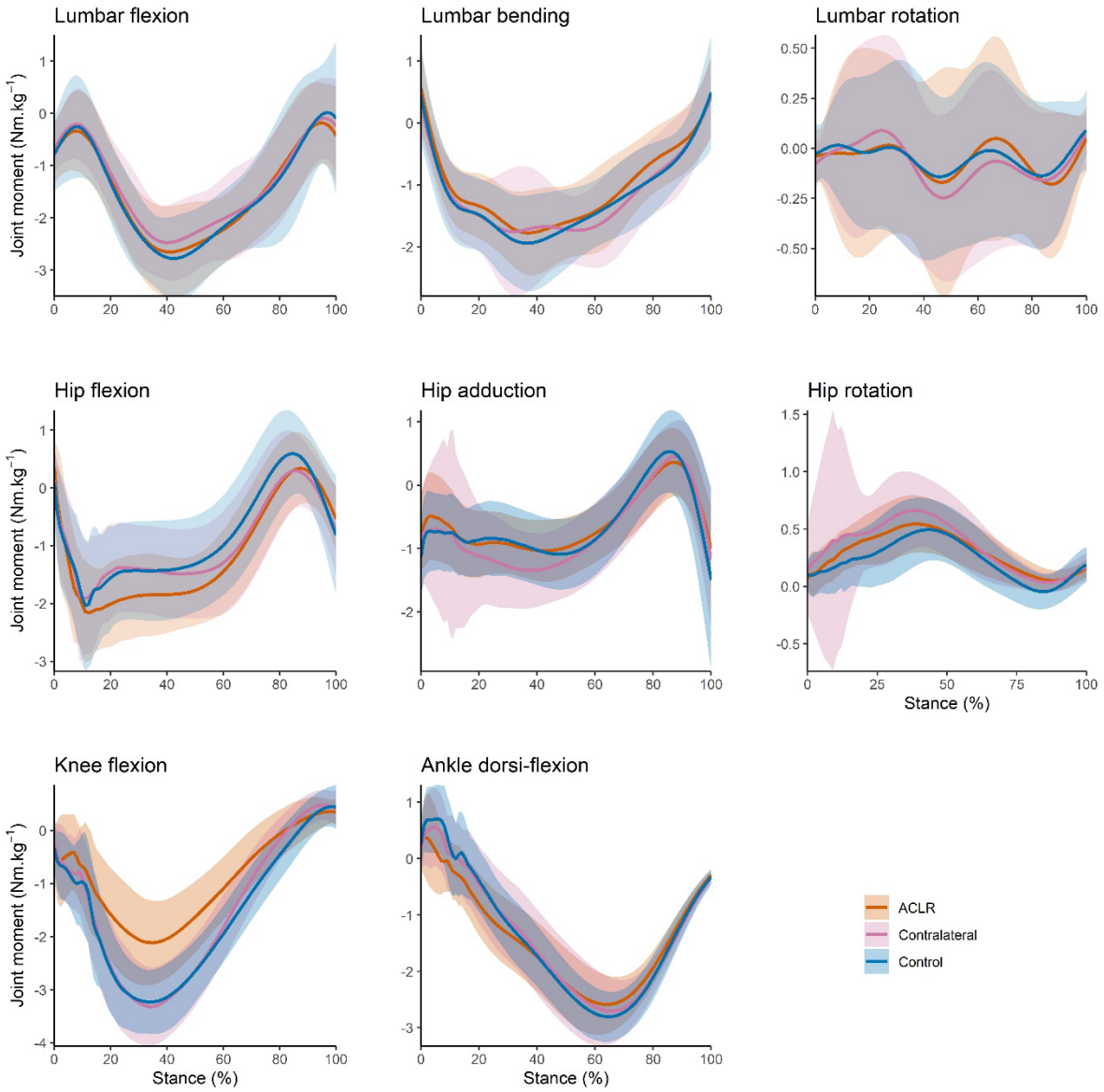


Figure A2. Mean (line) and SD (shaded area) lower limb joint moments during the stance phase of the anticipated sidestep cut between the ACLR (orange), Contralateral (pink), and Control (blue) limbs. Values are averaged across all participants and reported as Newton metres of torque normalised to body mass. *ACLR,* anterior cruciate ligament reconstruction; *Nm.kg*, Newton metres of torque normalised to body mass.

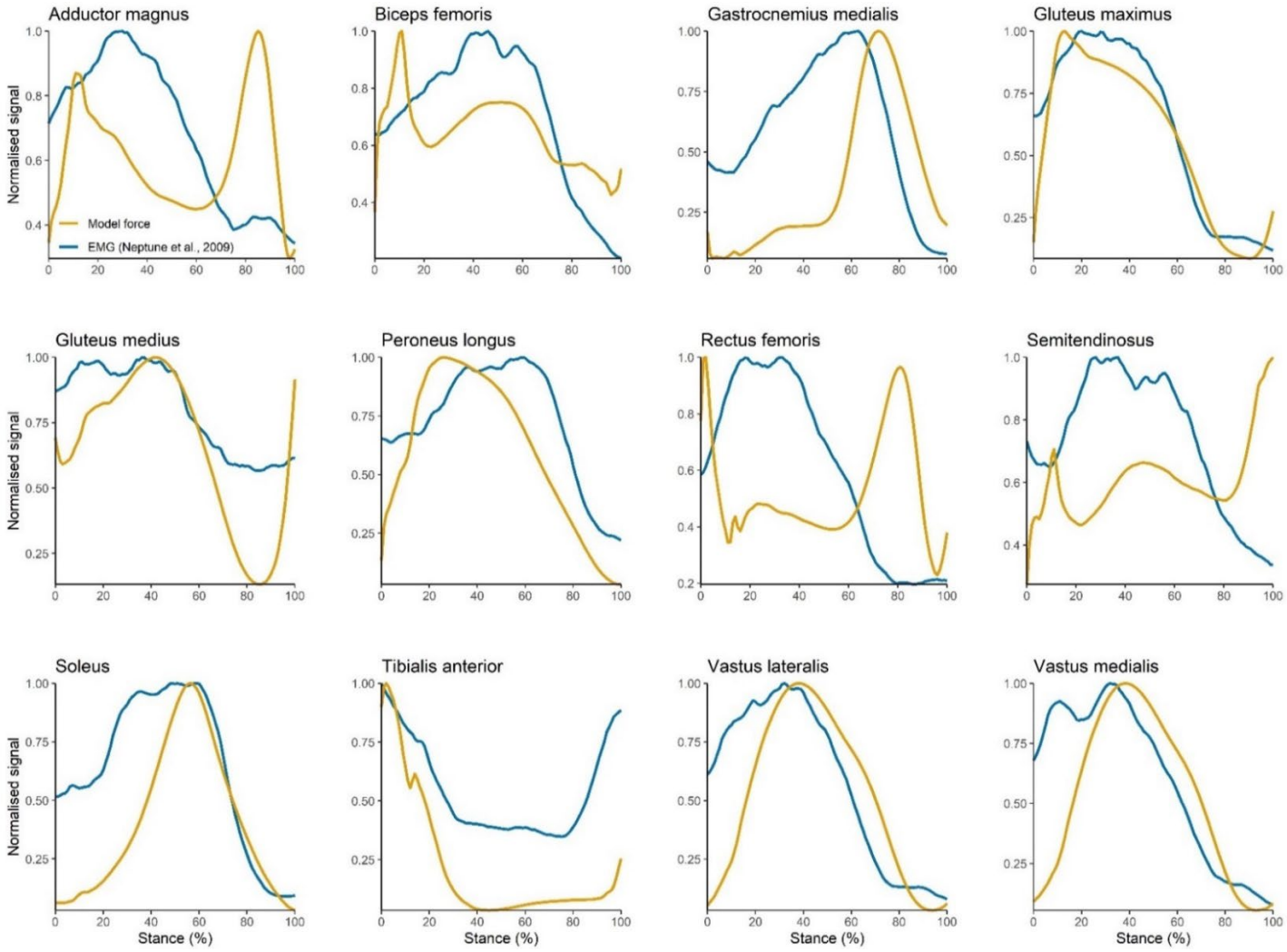


Figure A3. Comparison of predicted model force (yellow line) from the stance phase of the anticipated sidestep cut with the activations from electromyograph data from Neptune et al., 1999 (blue line)