

Movie Captions

- Movie 1 Left column: streamwise velocity u_x on the top and spanwise velocity u_z on the bottom for $Re_f = 425$ corresponding to Fig. 2 in the article; middle column: energy evolution E_x and E_z corresponding to Fig. 3 in the article, the dynamic purple square follows the evolution of the u_x and u_z in left column; middle column: turbulent fraction evolution F_x and F_z corresponding to Fig. 4 in the article, the dynamic purple square follows the evolution of the u_x and u_z in left column.
- Movie 2 Left column: streamwise velocity u_x on the top and spanwise velocity u_z on the bottom for $Re_f = 600$ corresponding to Fig. 5 in the article; middle column: energy evolution E_x and E_z corresponding to Fig. 6 in the article, the dynamic purple square follows the evolution of the u_x and u_z in left column; middle column: turbulent fraction evolution F_x and F_z corresponding to Fig. 7 in the article, the dynamic purple square follows the evolution of the u_x and u_z in left column.