In this supplemental material we show examples of explanations created using Kinetics 400 and both R(2+1)D and C3D. For all examples we create explanations using Grad-CAM, Grad-CAM++, Saliency-Tubes, EP-3D, and our 3 SWAG-V variants (SWAG-V\textsubscript{I}, SWAG-V\textsubscript{I+G}, and SWAG-V\textsubscript{G}). As noted in the main paper, we are only able to produce Saliency-Tube results for the R(2+1)D architecture. The following classes are shown:

- Skiing slalom in Figure 1 (R(2+1)D) and Figure 2 (C3D).
- Bobsledding in Figure 3 (R(2+1)D) and Figure 4 (C3D).
- Bungee jumping in Figure 5 (R(2+1)D) and Figure 6 (C3D).
- Skiing crosscountry in Figure 7 (R(2+1)D) and Figure 8 (C3D).
Figure 1: An explanation for the Kinetics 400 class skiing slalom using R(2+1)D.
Figure 2: An explanation for the Kinetics 400 class skiing slalom using C3D.
Figure 3: An explanation for the Kinetics 400 class bobsledding using R(2+1)D.
Figure 4: An explanation for the Kinetics 400 class bobsledding using C3D.
Figure 5: An explanation for the Kinetics 400 class bungee jumping using R(2+1)D.
Figure 6: An explanation for the Kinetics 400 class bungee jumping using C3D.
Figure 7: An explanation for the Kinetics 400 class skiing cross-country using R(2+1)D.
Figure 8: An explanation for the Kinetics 400 class skiing crosscountry using C3D.