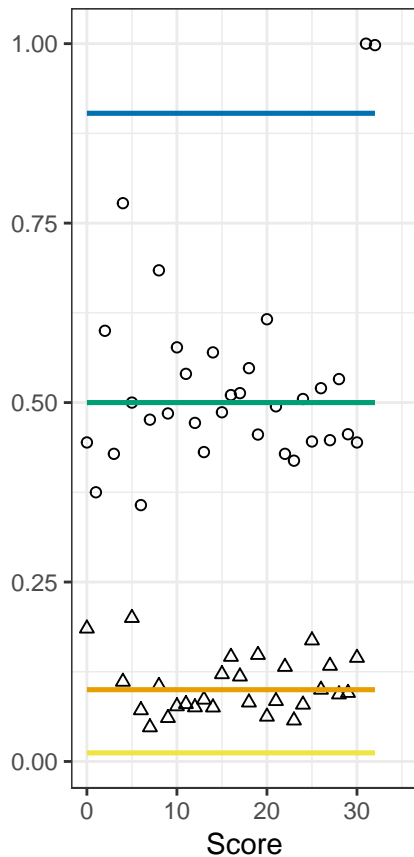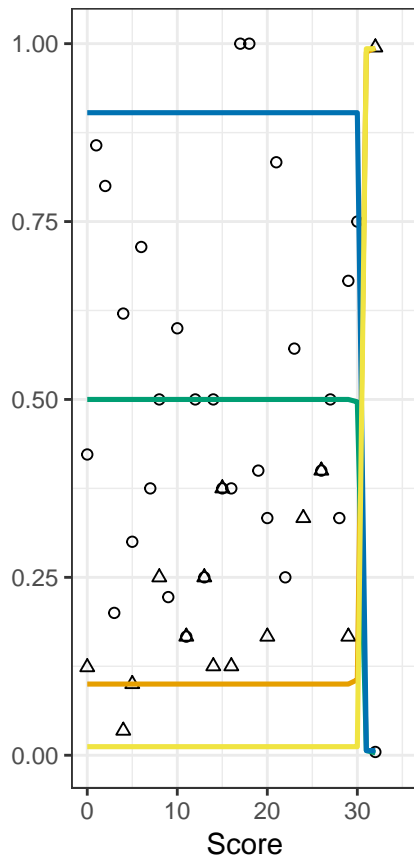Model recovery – transitions