Interactive comment on “Insights into the effect of spatial and temporal flow variations on turbulent heat exchange at a mountain glacier” by Rebecca Mott et al.

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Thank you for this interesting study and this very nice dataset (although the time period is quite short). Have you examined the horizontal turbulent fluxes of heat (v’T’ or u’T’)? Since you observe significant variations of near-surface air temperature across the glacier, I guess this flux may be significant? Also: don’t you think that adding a stability parameter (such as Ri or z/L) to the analysis would help to better understand the relationships between the turbulent heat flux and temperature or wind speed? Jean Emmanuel