

ABSTRACT. Characterizations are given of when the metric projection P_M onto a proximal subspace M has a continuous, pointwise Lipschitz continuous, or Lipschitz continuous selection. Moreover, it is shown that if P_M has a continuous selection, then it has one which is also homogeneous and additive modulo M . An analogous result holds if P_M has a pointwise Lipschitz or Lipschitz continuous selection provided that M is complemented. If $\dim M < \infty$ and P_M is Lipschitz (resp. pointwise Lipschitz) continuous, then P_M has a Lipschitz (resp. pointwise Lipschitz) continuous selection. A conjecture of R. Holmes and B. Kripke (*Michigan Math. J.* **15** (1968), 225–248) is resolved.