( Non Madhemetics) INTUITION FOR RIDGE · Loss fn = mse + 1/14/1/2 · lets say we have 2 inputs; 1. Loss fr. mse + ) (u1,2 + u1,2) -plotting by be and mee loss for mse mse minime plotting ougularized/penalty term of sudge.

-> Rige term -> > (U1,2 + U2) -> make a closely Wi Wi E regularized penalty term) is includating

will considered the solution (minima), not the me minima. and is you noted, where both one interacting 1. the R1. & P2 Walus are love / decreased: Effect of & on Circle (W12+ W12) Lage, .. Walue of B, & B; will not decreased at such rate For high value to high value of in the circle will be very small, by 2 by will decrease at higher rate indicating the regularization 18 strong. for Jou con, see for læge value of I, P. & B. decreases

INTUITION FOR LASSO Loss fr = mse + W1 + U12)

- Unlike Ridge, Lasso makes dimend like For high value of 2, the diamond is small is 18,8 B; will reduced at lighter rate

For how value of 2, the diamond will be large: B, & Br will need selected at higher rate Mhy lasso water sparcity? intersecting at edges As, there BILB2

