Once the mean and the variance were found, I used the formulas given on slide 15 of lecture 23 to calculate z. I got the following numbers for field 1 through field 8 respectively:

1.15170914902

1.52897512906

-0.182509008308

1.34727558843

1.37662943642

1.27591560089

1.21950866333

0.592983893862

As we can see z is greater than za for all fields except for field 3. Thus, for field 3 which is age there is a significant difference between training and testing set.