**Response to the comments of the referees to the paper ‘Model and estimators for partial least squares regression.’**

Referee 1.

1. The former Section 3 has been merged into Section 1, and the former Section 4 and Section 6 have been combined (now Section 3).

2. Explicit references to results in the literature have now been included.

3. The definition of RPLS is now made explicit. The conclusion from Theorem 3 is stated explicitly.

4. We acknowledge that this paper is about univariate response. We feel that this case is important enough to deserve a special treatment. A sentence to the effect that we hope to discuss the multivariate case later, is added at the end of the discussion section.

5. A discussion of a real data set is now included (Section 7).

6. The detailed comments are now taken into account. The reference Cook and Zhang (2017) has not appeared in Statistica Sinica yet. According to Google Scholar it has just been accepted. The other references were already included.

Referee 2.

1. The letter E was already included (now on page 6).

2. Corrected.

3. Corrected

4. A number of the equation is now included.

5. The axis labels and the legend text of Figure 6 has now been improved.