**X1 and X2**







**Only X1**







The adjusted R-squared went down when we excluded the explanatory variable X2. Thus, it is best to keep the variable.

**X1 and X3**







**Only X1**







The adjusted R-squared decreased when we excluded the explanatory variable X3. Thus, it is best to keep the variable.

**X1 and X4**







**Only X1**







The adjusted R-squared decreased when we excluded the explanatory variable X4. Thus, it is best to include the variable.

**X1 and X5**





**Only X1**







The adjusted R-squared increased when we dropped the explanatory variable X5. Thus, it is best to drop the explanatory variable.