

BMI

LDL

BMI  $\times$   
LDL

BP

$\varepsilon_{BP}$

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graph LR; BMI[BMI] --> BP[BP]; LDL[LDL] --> BP; BMIxLDL[BMI x LDL] --> BP; epsilonBP((epsilon_BP)) --> BP;
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A path diagram illustrating a regression model. On the left, three rectangular boxes represent the independent variables: 'BMI' at the top, 'LDL' in the middle, and 'BMI × LDL' at the bottom. Arrows from each of these three boxes point towards a central rectangular box on the right labeled 'BP'. To the right of the 'BP' box is a circular node labeled  $\varepsilon_{BP}$ , with an arrow pointing from it to the 'BP' box.