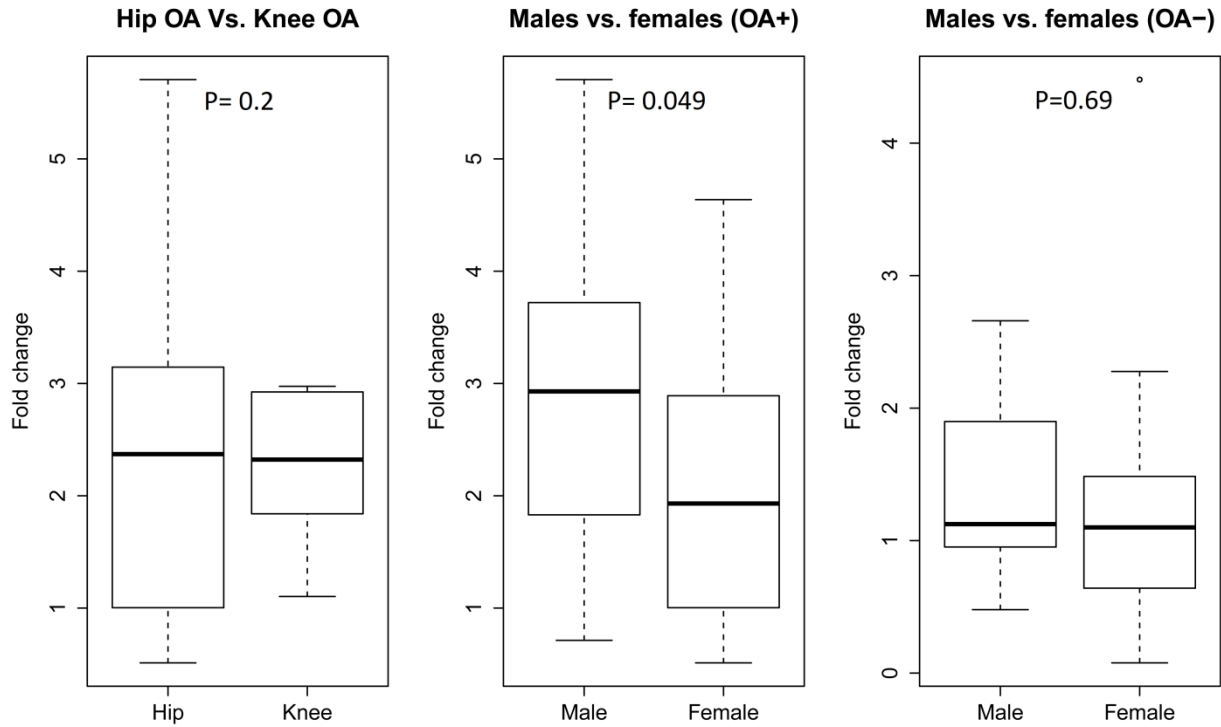
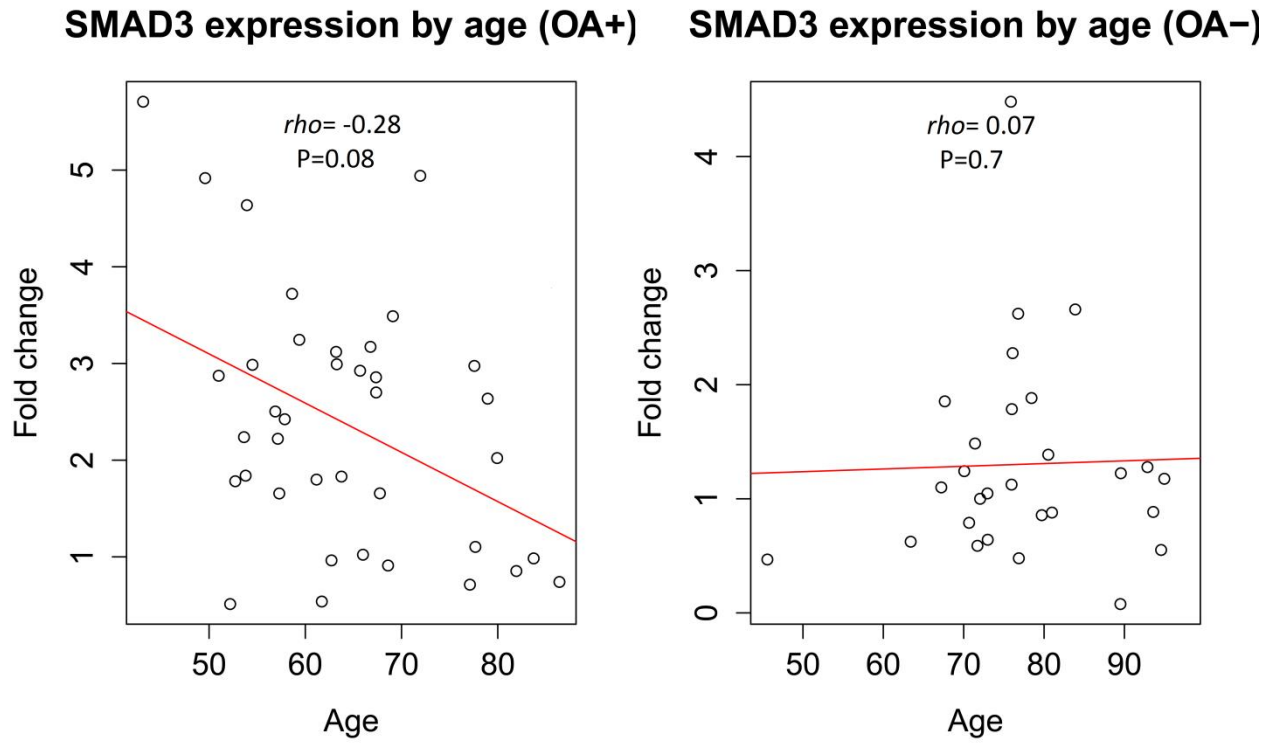


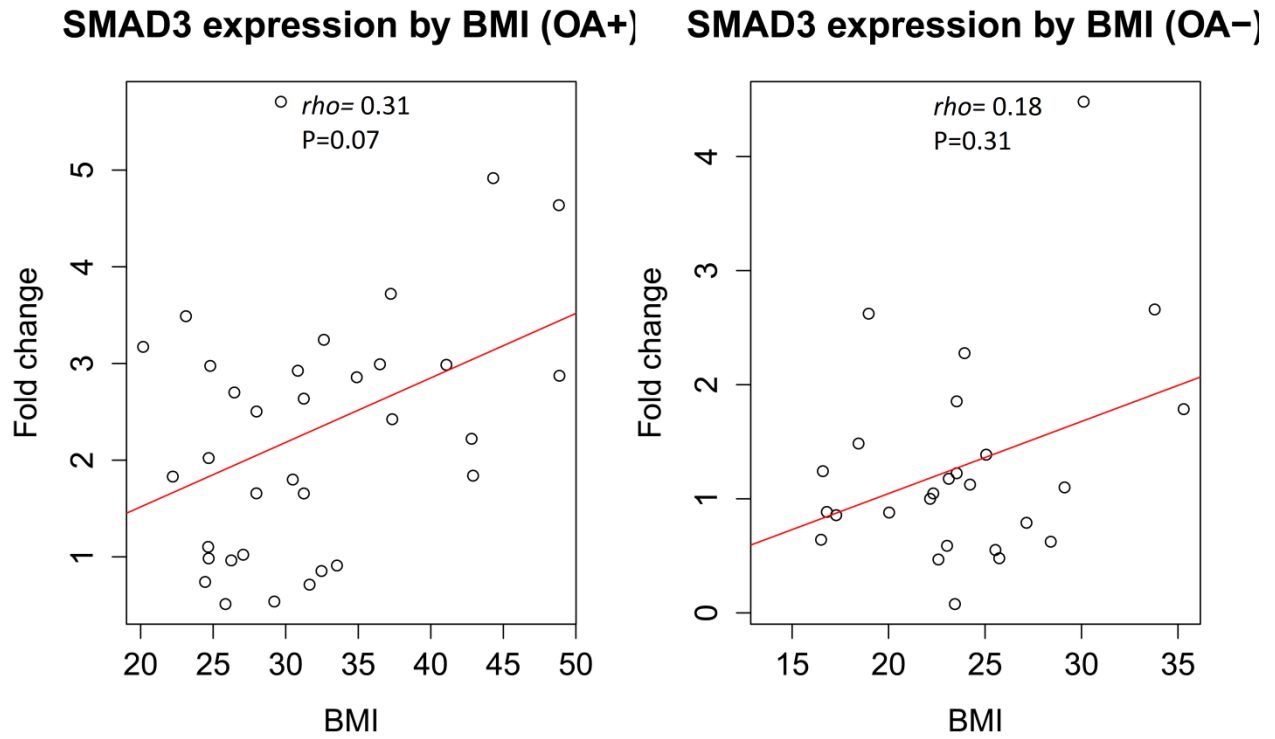
*Supplementary Figure 1.* *SMAD3* expression between different joints and between men and women (Mann-Whitney test for comparisons).



Supplementary Figure 2. *SMAD3* expression by age among osteoarthritis (OA) cases and controls. Spearman rank correlation coefficient was used.



Supplementary Figure 3. *SMAD3* expression by body mass index (BMI) among osteoarthritis (OA) cases and controls. Spearman rank correlation coefficient was used.



Supplementary Figure 4. *SMAD3* gene expression by methylation of 4 CpG sites. Spearman rank correlation coefficient was used.

