

**Biostatistics Review Certificate**

**Name of Journal:** *World Journal of Orthopedics*

**Manuscript Type:** SYSTEMATIC REVIEWS

**Investigational Growth Factors Utilized in Animal Models of Spinal Fusion:  
Systematic Review**

Cottrill *et al.*, Investigational Growth Factors for Spinal Fusion

Ethan Cottrill, A. Karim Ahmed, Noah Lessing, Zachary Pennington, Wataru Ishida,  
Alexander Perdomo-Pantoja, Sheng-fu Lo, Elizabeth Howell, Christina Holmes, C.  
Rory Goodwin, Nicholas Theodore, Daniel M. Sciubba, and Timothy F. Witham

October 21, 2018

This letter is to confirm that because large heterogeneity was observed across the included studies, no statistical analysis was undertaken in this manuscript.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ethan Cottrill', with a stylized flourish at the end.

Ethan Cottrill  
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