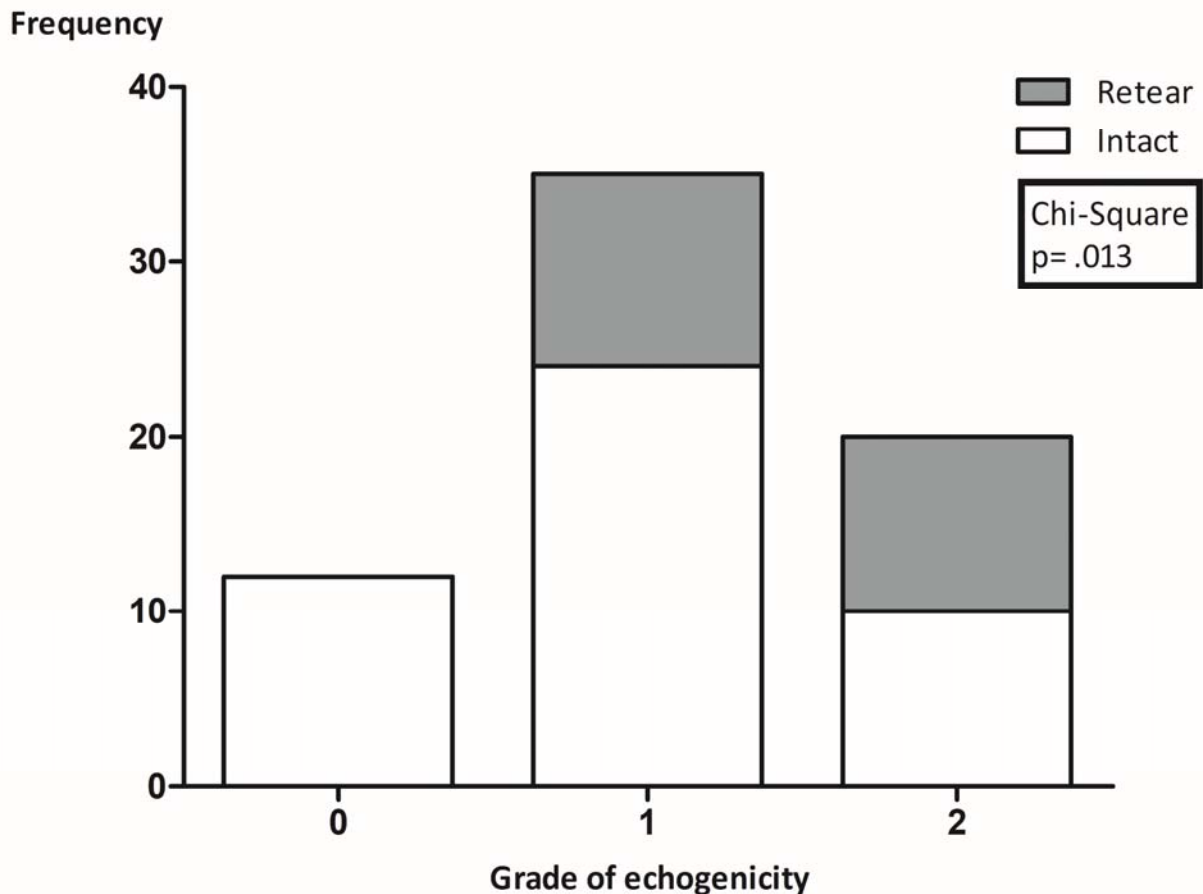
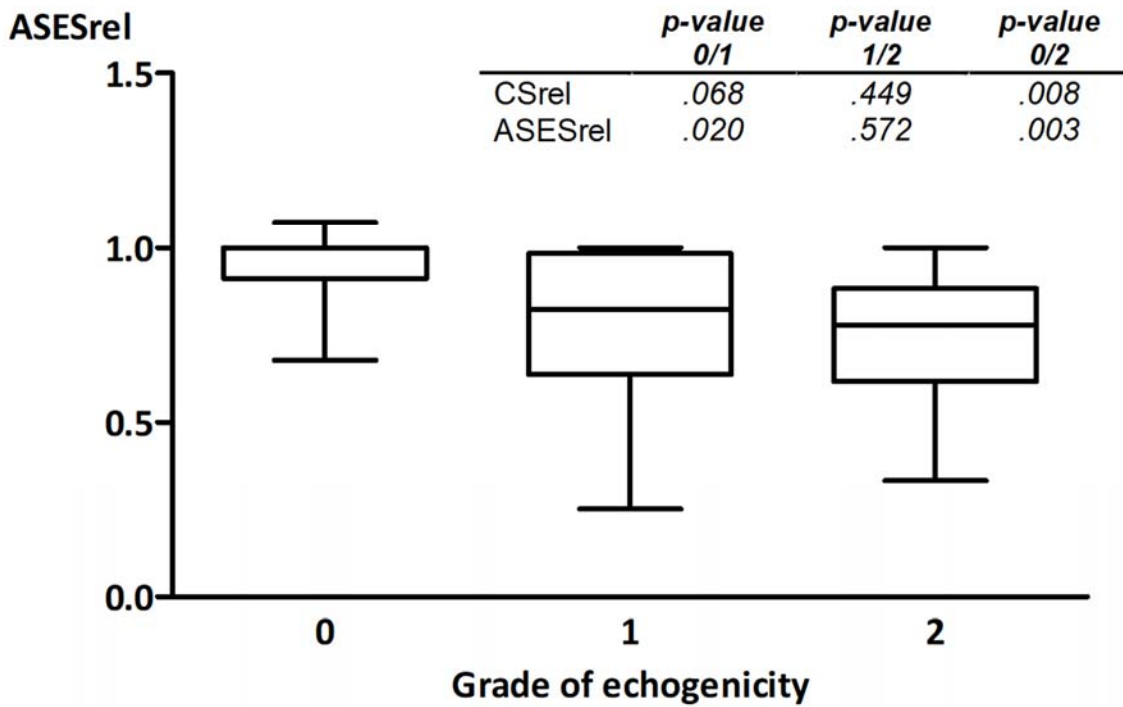


**Appendix:** Furthermore, a higher grade of fatty infiltration was associated with a significantly higher re-tear rate (fig. 1A,  $p=.013$ ) and a significantly lower functional outcome by ASES and CS (fig. 2A) (data not shown).



**Appendix Figure 1A:** Distribution of re-tears and intact supraspinatus tendons dependent on the grade of echogenicity (0, 1 and 2) in B-mode ultrasound as indicator of fatty infiltration.



**Appendix Figure 2A:** Differences in the CS and ASEs scores dependent on the grade of echogenicity (0, 1 and 2) in B-mode ultrasound as indicator of fatty infiltration. The score differences between these echogenicity groups were significant for grade 0 vs. 2 (CS and ASEs) and 0 vs. 1 (ASEs).