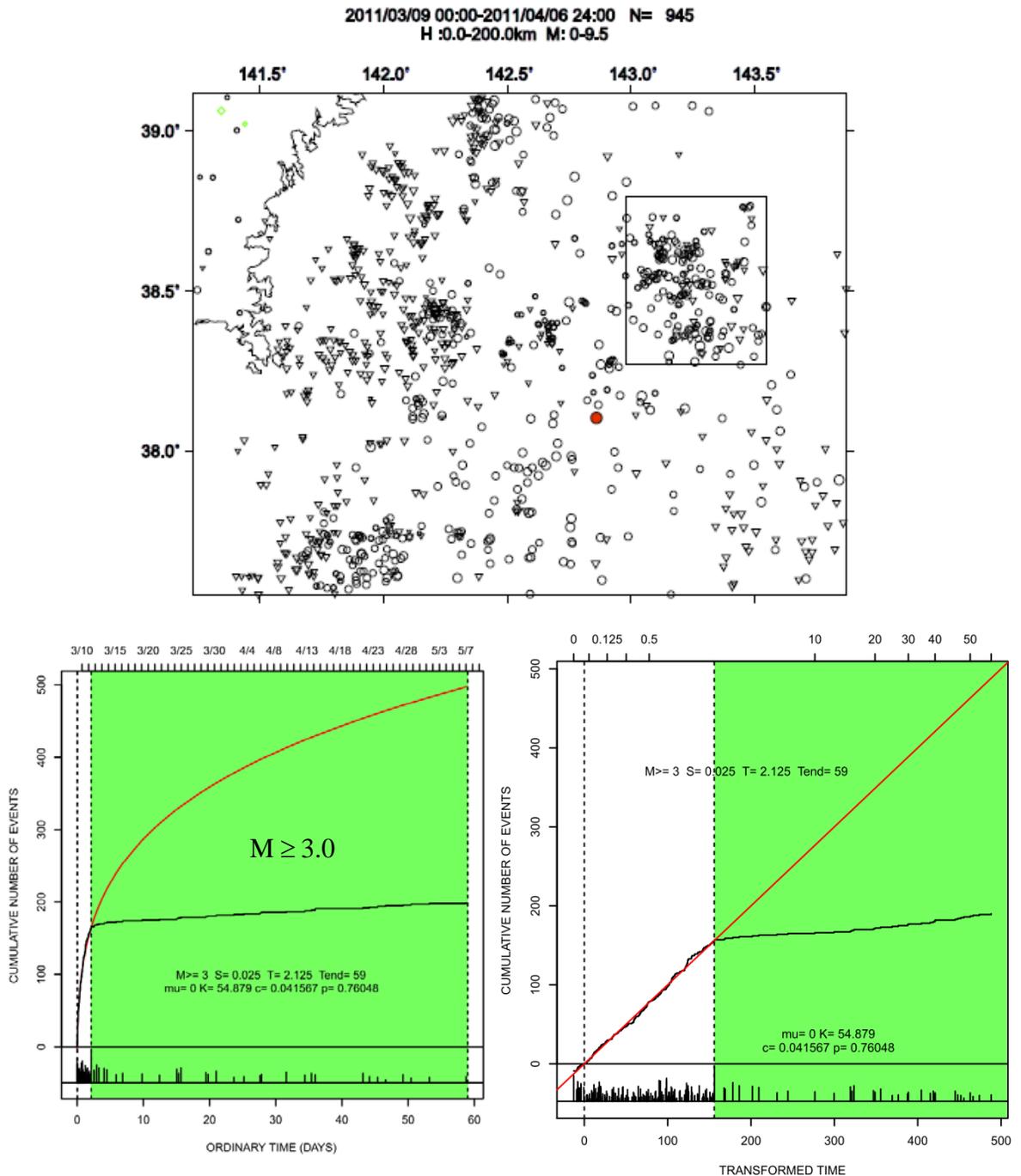
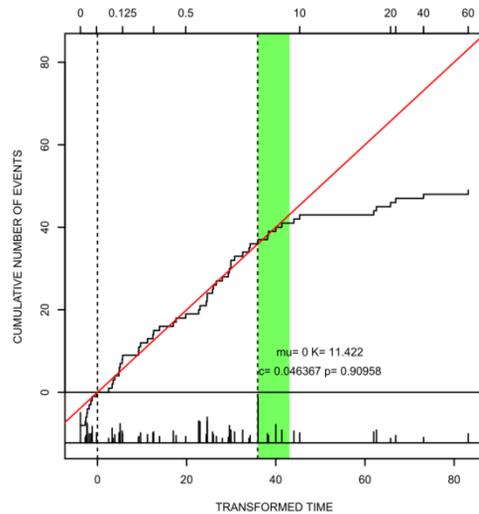
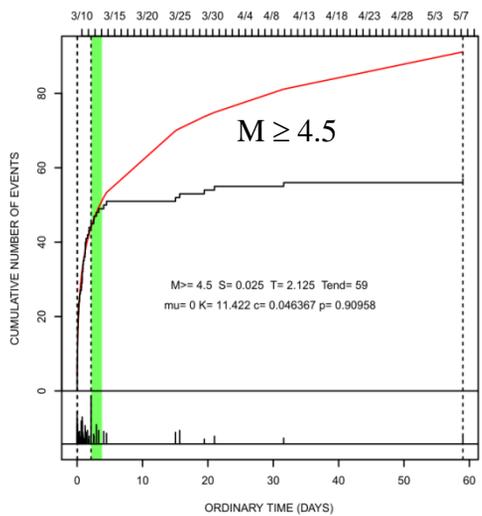
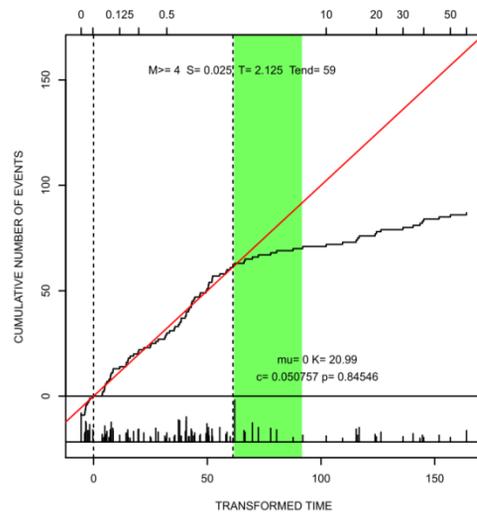
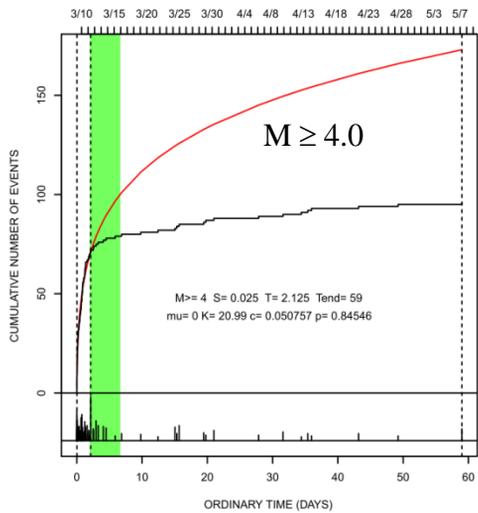
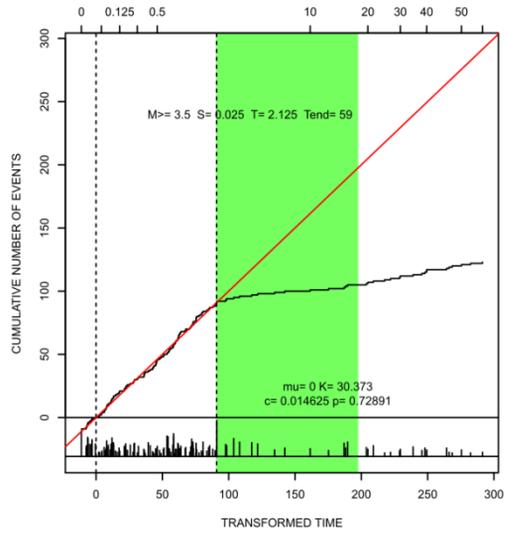
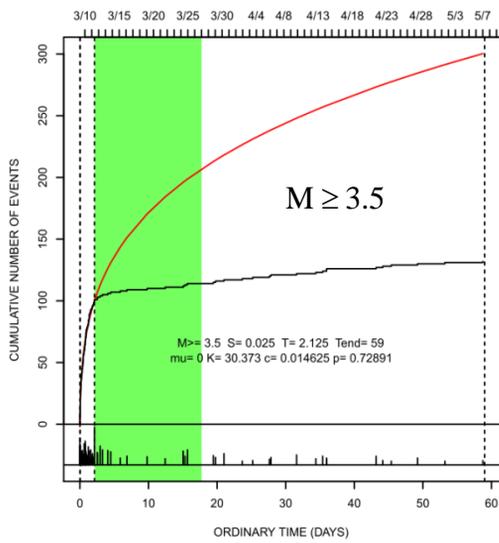


東北地方太平洋沖地震の前震活動の特徴とその消長



前震活動の消長．赤曲線はM 9 地震まで当てはめた大森・宇津の公式．どの下限Mでも p 値が有意に1.0より小さい（ b 値も小さい）．M 9 地震が起きると，殆ど活動が無くなった（ 静穏化 ）．緑の塗りはM 9 地震直後の，夫々の下限Mでの検出率不十分の区間を示す．

Fig. 1. The Omori-Utsu formula with $p < 1$ fits well for respective threshold magnitude up until the M9 mainshock. After the M9 events the activity become significantly lower than the predicted.



前震活動の消長。赤曲線はM9地震まで当てはめた大森・宇津の公式。どの下限Mでもp値が有意に1.0より小さい（b値も小さい）。M9地震が起きると、殆ど活動が無くなった（静穏化）。緑の塗りはM9地震直後の、夫々の下限Mでの検出率不十分の区間を示す。

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