



Figure S-3 Structural changes of fungal-treated wheat straw lignin during fungal growth (1, 3 and 7 weeks) determined by semi-quantitative py-GC-MS. *Cs* *Ceriporiopsis subvermispora*, *Pe* *Pleurotus eryngii*, *Le* *Lentinula edodes*. S/G ratio (a) and relative abundances of unsubstituted (b), C_α-oxidized (c) and Ph-C_γ (d) substructures are based on the structural classification shown in Additional file 2: Table S-1. □ *Cs*1, ■ *Cs*12, △ *Pe*3, ▲ *Pe*6, ○ *Le*8, ● *Le*10. Average and standard deviation of analytical triplicates on pooled biological triplicates.