## Supplementary Information

## Effect of the $N$-based ligands in copper complexes for depolymerisation of lignin

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Figure S1: NMR spectrum of [emim][ABS]


Figure S2: NMR spectrum of recovered [emim][ABS] after the reaction


Figure S3. NMR spectrum of depolymerised lignin products


Figure S4. Cyclic voltammograms of different ligands

