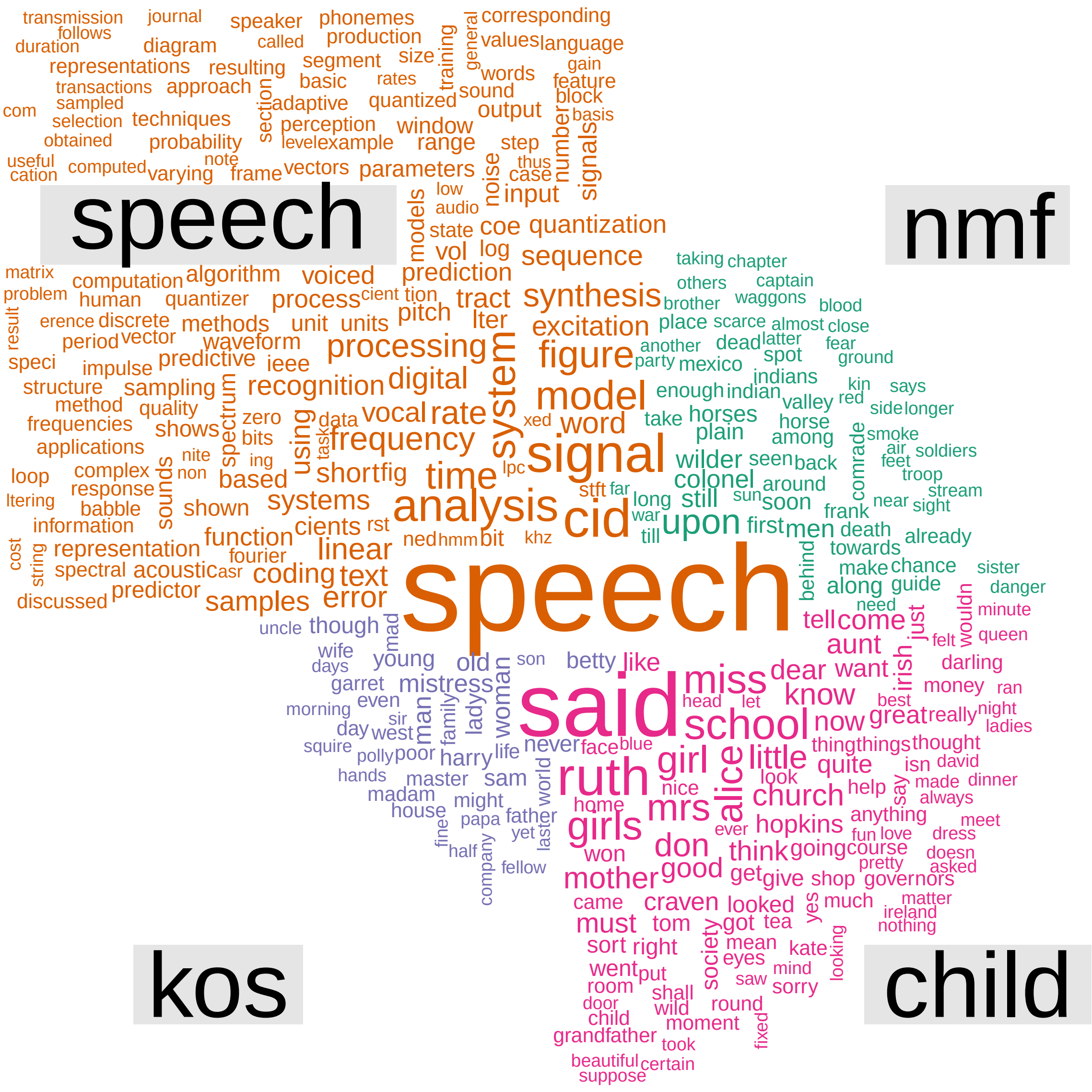
speech
nmf
kos
child
transmission journal speaker phonemes corresponding follows production general values language duration diagram called size training representations resulting segment words gain transactions approach basic rates feature sampled section adaptive quantized sound block com selection techniques perception window output basis obtained probability level example range step number signals useful note thus cation computed varying frame vectors parameters noise case input low models audio state coe quantization vol log sequence
matrix computation algorithm voiced prediction problem human quantizer process cient tion tract synthesis result erence discrete methods unit units pitch lter excitation period vector waveform processing figure speci impulse predictive ieee system structure sampling recognition digital model method quality spectrum zero data vocal rate frequencies shows bits using task frequency xed word applications nite ing signal loop complex non sounds based shortfig time lpc response stft far ltering babble shown systems analysis cid information cients rst function ned hmm bit khz cost string representation fourier linear spectral acoustic asr coding text discussed predictor samples error speech
taking chapter others captain brother waggons blood place scarce almost close another dead latter fear party mexico spot ground enough indian indians kin says red take horses valley side longer horse plain among comrade smoke wilder seen back air soldiers colonel feet troop around long still sun soon near stream war upon first frank sight till men death already towards behind make chance sister along guide danger need
uncle though mad wife days young old son betty garret mistress morning even woman sir lady family day man west squire never harry life polly poor hands master sam world madam might house papa father fine yet half company laster fellow
like tell come just wouldn minute felt queen aunt irish darling dear want miss said money ran head let know best now great really night ladies school thing things thought face blue girl little isn david ruth alice look quite made dinner nice church help say always home mrs anything girls hopkins meet ever fun love dress don think going course doesn won good pretty asked mother get give shop governors came craven looked yes much matter must tom got tea ireland nothing society sort right mean kate eyes looking went put mind saw room sorry shall door wild round child moment grandfather fixed took beautiful certain suppose