(a) Paradigm 1

Conditioning Stimuli Train

Probing Stimuli Train

(b) Paradigm 2

Conditioning Stimuli Train

Probing Stimuli Train

Figure 1
Figure 2
Figure 3

Dilation component

\[
\frac{K_1 c_1}{s^3 + a_1 s^2 + b_1 s + c_1}
\]

Constriction component

\[
\frac{K_2 c_2}{s^3 + a_2 s^2 + b_2 s + c_2}
\]

CSD pulses

Transport delay

CBF
Figure 4
Figure 5

(a) Normalised CSD profiles

(b) Time (s)
Figure 6
Figure 7
Figure 8
Figure 9
Figure 10
Figure S1
Model fit using $\theta_2$

Figure S2
Model fit using $\theta_8$
Model fit using $\theta_{16}$

Figure S4
Model fit by optimising three model parameters

Figure S5