Table S2. Correspondence between $C$ and $R_{0}^{LGN}$ for weak noise. Correspondences are computed approximately, assuming that each cell receives 30 independent AMPA synaptic inputs from LGN. For the response of a single LGN cell we assumed $r_0 = 5$ Hz and $r_1 = 48$ Hz.

| $C$ | 0% | 1% | 2% | 4% | 20% | 95% |
|-----|----|----|----|----|-----|-----|
| $R_0$ (Hz) |   |    |    |    | 150 |     |
| $R_1$ (Hz) | 0  | 430| 690| 1000| 1900| 2850|
| $g_{LGN}$ (nS) | | | | | 1 |