Figure S4 Conditional probabilities of entorhinal firing. Graphs plotting the probability of entorhinal firing (y-axis) as a function of the timing of perirhinal and BLA spikes. Probabilities of entorhinal firing were computed for various conditions, as indicated in the legends of the graphs. In these legends, letters listed successively indicate spikes occurring within 10 ms of each other, whereas letters separated by...indicate that the interval varied as indicated on the x-axis of the corresponding graphs. (a) The PA...E curve plots the probability of an entorhinal spike given that it is preceded by a perirhinal spike followed, within 10 ms, by an amygdala spike. (b) The A...PE curve plots the probability of an entorhinal spike preceded (within 10 ms) by a perirhinal spike, given that an amygdala spike occurred before. (c) The P...AE curve plot the probability of an entorhinal spike preceded (within 10 ms) by an amygdala spike, given that a perirhinal spike occurred before. The black dashed lines indicate the overall probability of entorhinal firing. The green and red lines indicate the probability of entorhinal firing given that a perirhinal or amygdala spike occurred before, respectively.