Alternative version of Papke et al. Figure 2. Observed (red) and predicted (blue) data for full and partial agonist interactions. A) The experimental data for the net charge responses of $a7$ expressing cells to the co-applications of ACh and S 24795 are shown as the red surface. The experimental data (red) are compared to the surface defined by the best fit obtained to the full model (see Methods). Vertical scale is response relative to ACh maximal response. Horizontal scales are log values of µM concentrations. B) The experimental data for the peak current responses of cells expressing the LS form of $a4b2$ to co-applications of ACh and cytisine are shown as the red surface. The experimental data (red) compared to the surface defined by the best fit obtained to the full model (see Methods). Vertical scale is response relative to ACh maximal response. Horizontal scales are log values of µM concentrations.