
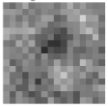

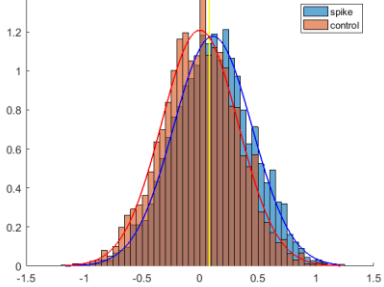

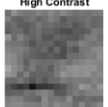

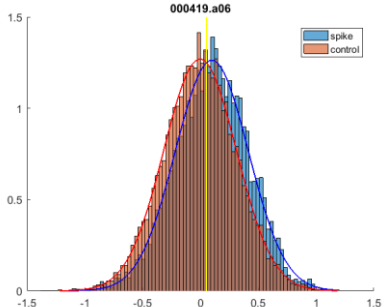

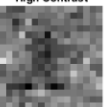

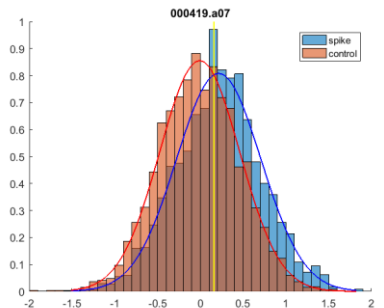

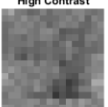

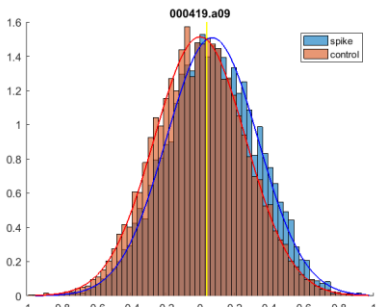
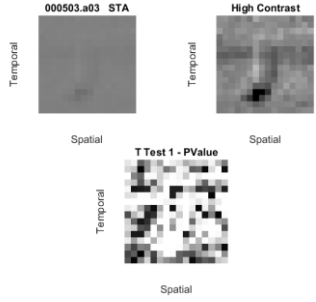
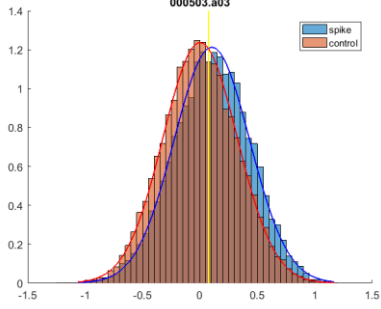
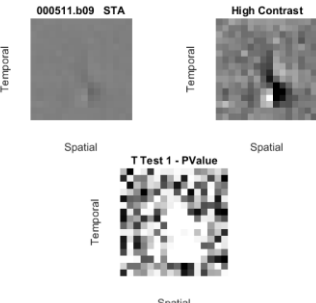
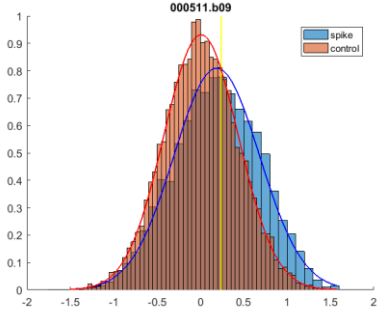
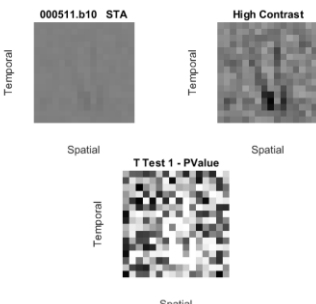
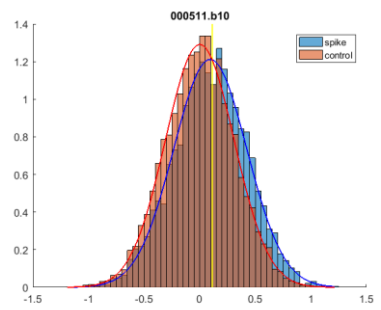
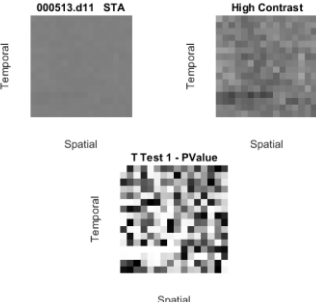
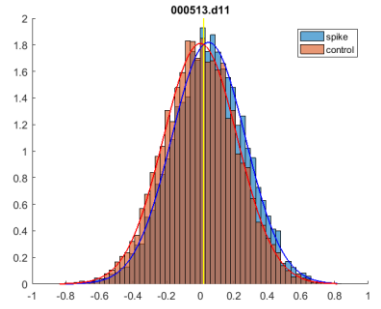
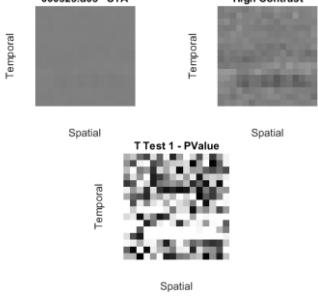
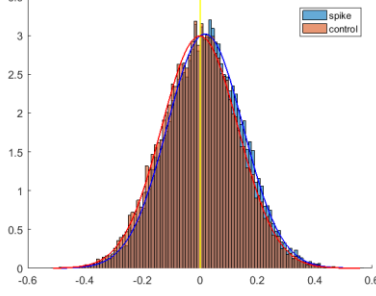
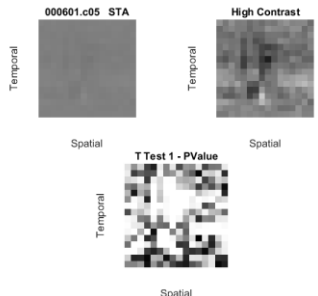
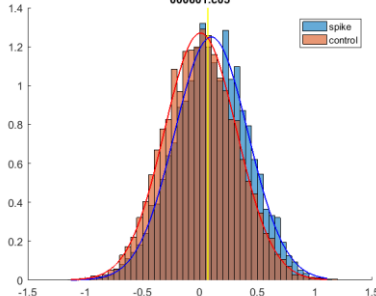
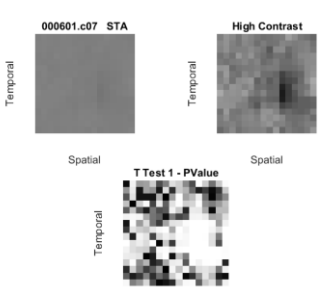
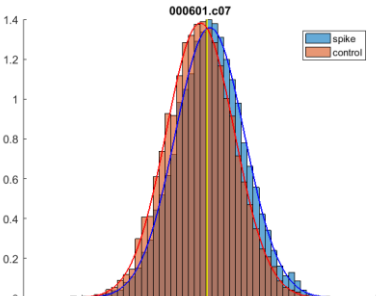
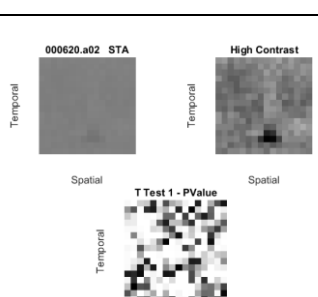
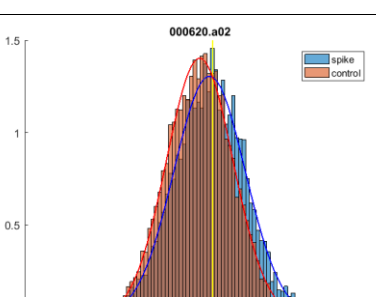
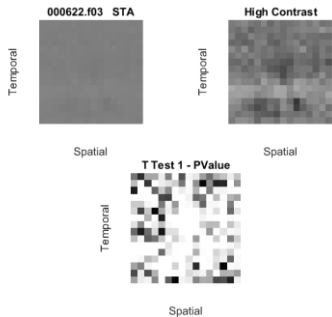
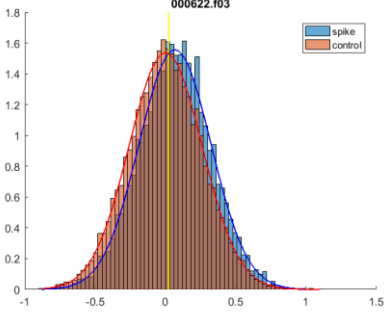
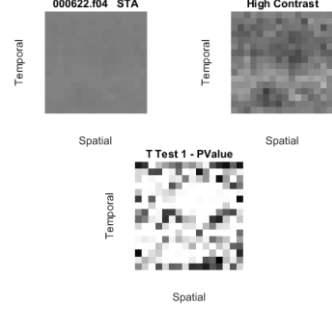
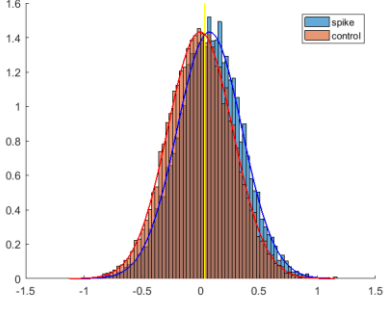
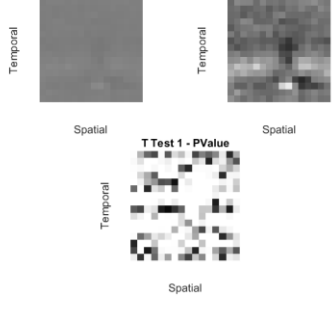
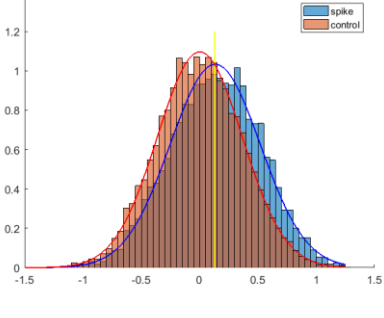
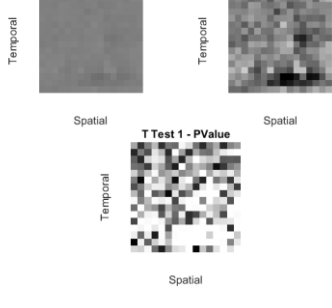
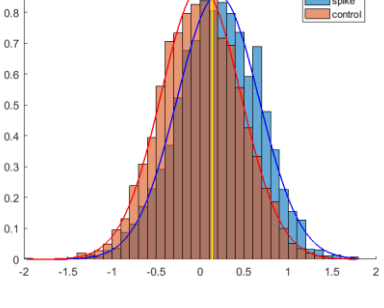


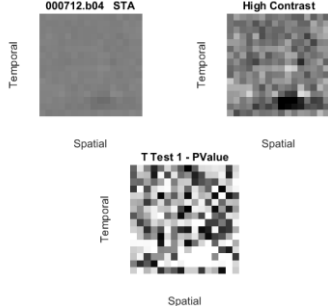
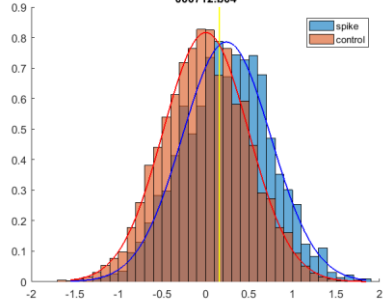
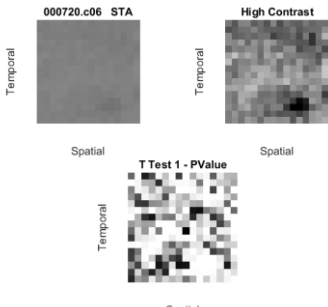
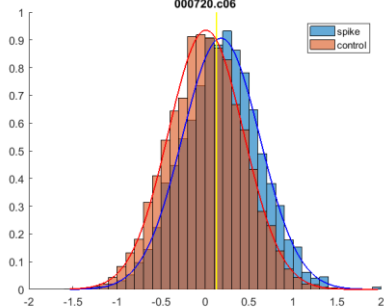
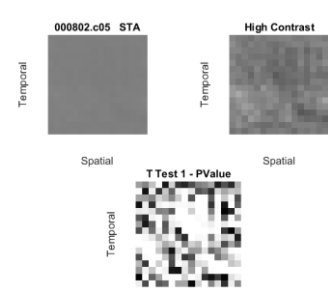
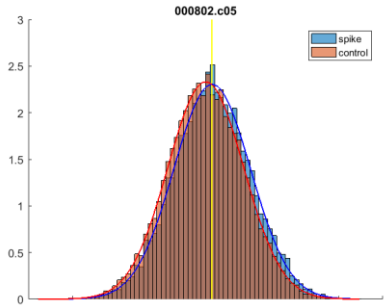
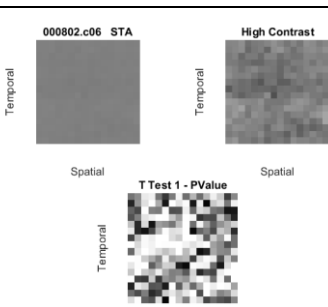
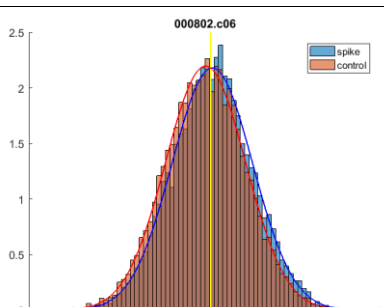
ضمیمه اول - نتایج روش STA برای تمام نوروها با Average Spiking Rate بزرگتر از ۲

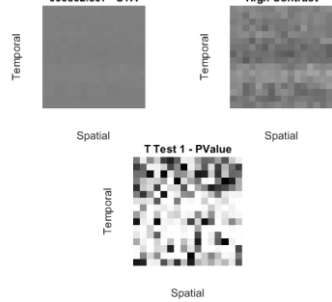
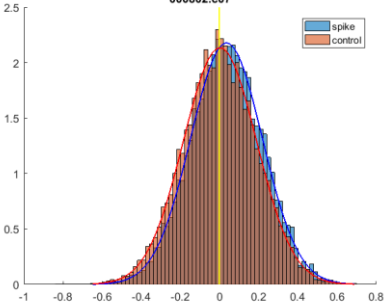
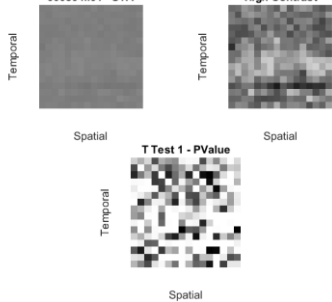
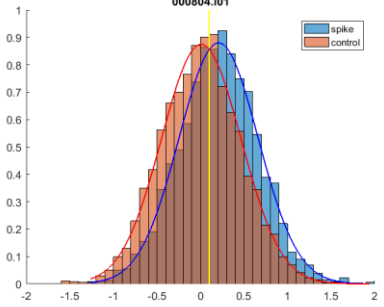
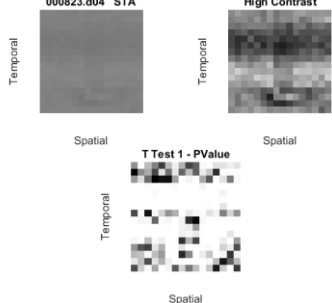
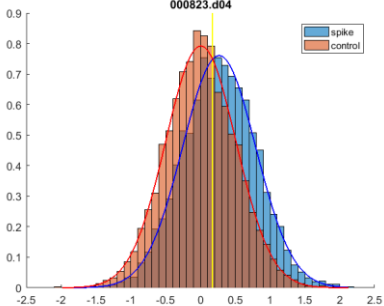
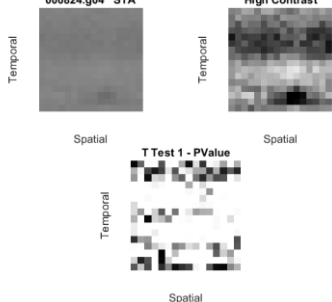
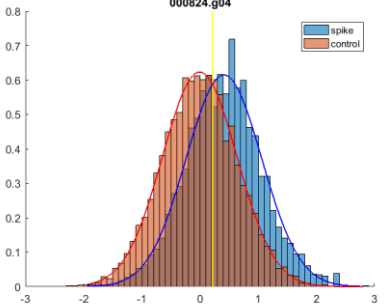
شماره	Receptive Field (STA)	Histograms	P	Correct Spike Prediction
۱	<p>000412.a01 STA</p>  <p>High Contrast</p>  <p>T Test 1 - PValue</p> 	<p>000412.a01</p> 	<p>9.3316e-63</p>	53.3385%
۲	<p>000419.a06 STA</p>  <p>High Contrast</p>  <p>T Test 1 - PValue</p> 	<p>000419.a06</p> 	<p>7.4718e-267</p>	56.8769%
۳	<p>000419.a07 STA</p>  <p>High Contrast</p>  <p>T Test 1 - PValue</p> 	<p>000419.a07</p> 	<p>4.6008e-91</p>	55.3908%
۴	<p>000419.a09 STA</p>  <p>High Contrast</p>  <p>T Test 1 - PValue</p> 	<p>000419.a09</p> 	<p>1.0309e-133</p>	54.1968%

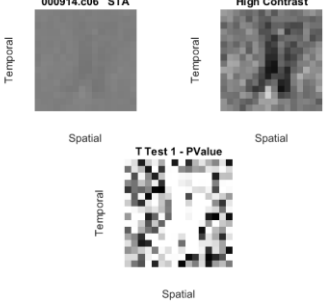
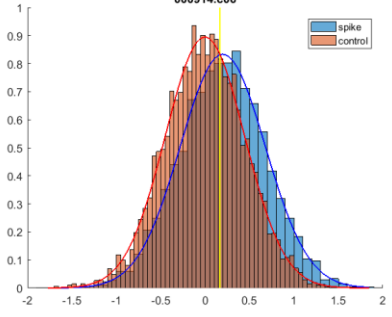
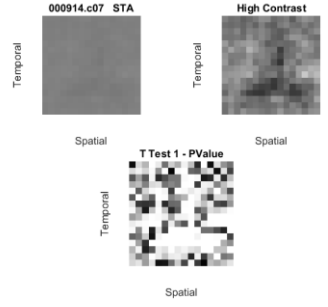
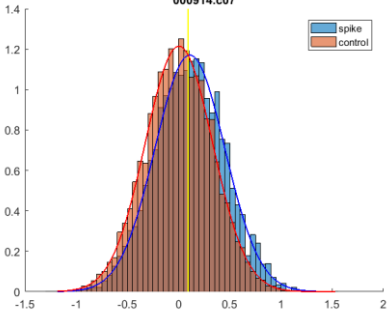
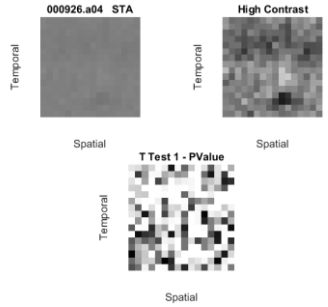
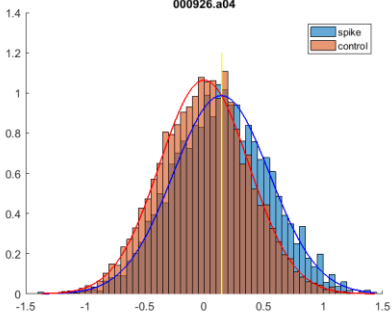
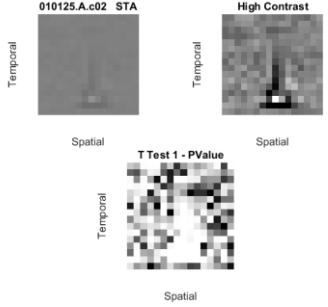
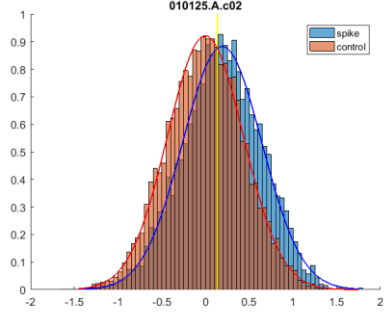
<p>5</p>			<p>1.6587e-217</p>	<p>54.191%</p>
<p>6</p>			<p>4.3909e-196</p>	<p>46.445%</p>
<p>V</p>			<p>2.0063e-94</p>	<p>48.6894%</p>
<p>Λ</p>			<p>4.1417e-73</p>	<p>55.0747%</p>

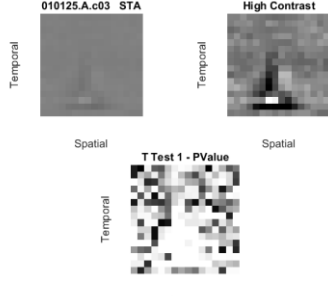
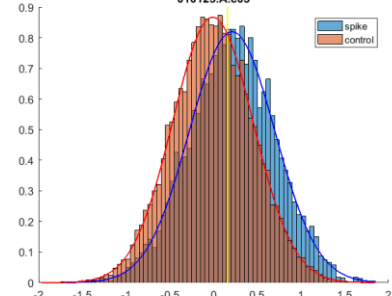
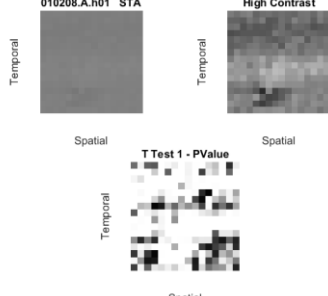
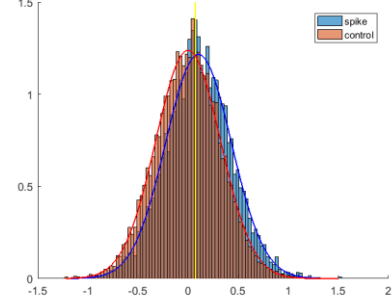
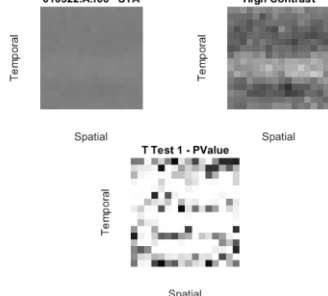
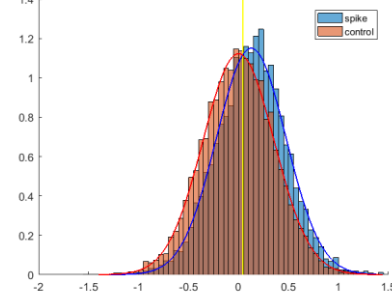
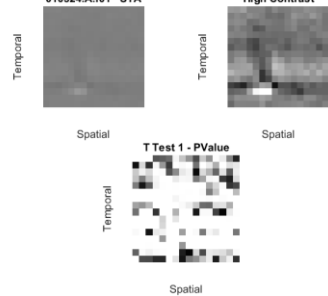
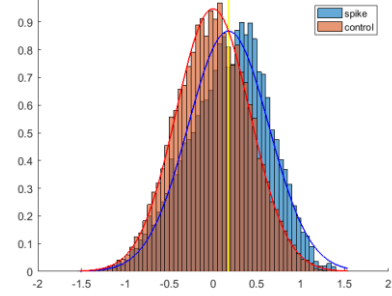
9	<p>000525.d05 STA      High Contrast</p>  <p>Temporal      Temporal</p> <p>Spatial      Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>000525.d05</p>  <p>spike control</p>	6.7274e-149	55.4856%
10	<p>000601.c05 STA      High Contrast</p>  <p>Temporal      Temporal</p> <p>Spatial      Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>000601.c05</p>  <p>spike control</p>	3.9807e-120	53.4683%
11	<p>000601.c07 STA      High Contrast</p>  <p>Temporal      Temporal</p> <p>Spatial      Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>000601.c07</p>  <p>spike control</p>	3.6797e-121	53.2881%
12	<p>000620.a02 STA      High Contrast</p>  <p>Temporal      Temporal</p> <p>Spatial      Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>000620.a02</p>  <p>spike control</p>	1.3735e-194	46.9622%

۱۳	 <p>000622.f03 STA High Contrast</p> <p>Temporal Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal Spatial</p>	 <p>000622.f03</p> <p>spike control</p>	1.871e-208	57.8091%
۱۴	 <p>000622.f04 STA High Contrast</p> <p>Temporal Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal Spatial</p>	 <p>000622.f04</p> <p>spike control</p>	1.5765e-228	55.865%
۱۵	 <p>000622.f05 STA High Contrast</p> <p>Temporal Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal Spatial</p>	 <p>000622.f05</p> <p>spike control</p>	4.1831e-293	51.2614%
۱۶	 <p>000712.b03 STA High Contrast</p> <p>Temporal Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal Spatial</p>	 <p>000712.b03</p> <p>spike control</p>	2.0614e-140	55.6534%


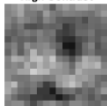

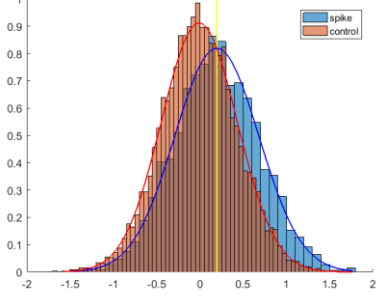



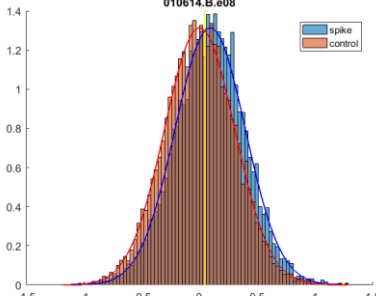
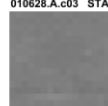
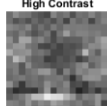
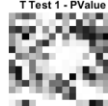
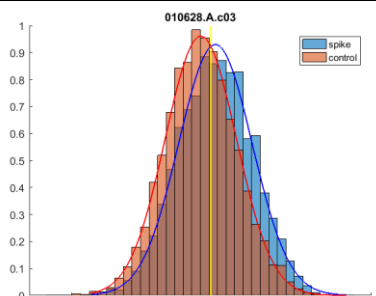

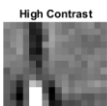
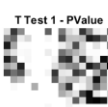
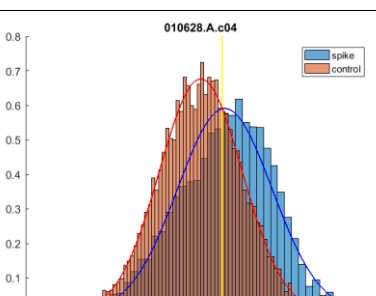
١٧	<p>000712.b04 STA</p>  <p>Temporal Spatial</p> <p>High Contrast</p> <p>Temporal Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal Spatial</p>	<p>000712.b04</p>  <p>spike control</p>	<p>4.8622e-94</p>	<p>56.4745%</p>
١٨	<p>000720.c06 STA</p>  <p>Temporal Spatial</p> <p>High Contrast</p> <p>Temporal Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal Spatial</p>	<p>000720.c06</p>  <p>spike control</p>	<p>1.3251e-112</p>	<p>54.7425%</p>
١٩	<p>000802.c05 STA</p>  <p>Temporal Spatial</p> <p>High Contrast</p> <p>Temporal Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal Spatial</p>	<p>000802.c05</p>  <p>spike control</p>	<p>1.8408e-126</p>	<p>50.1032%</p>
٢٠	<p>000802.c06 STA</p>  <p>Temporal Spatial</p> <p>High Contrast</p> <p>Temporal Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal Spatial</p>	<p>000802.c06</p>  <p>spike control</p>	<p>5.4643e-69</p>	<p>51.7581%</p>

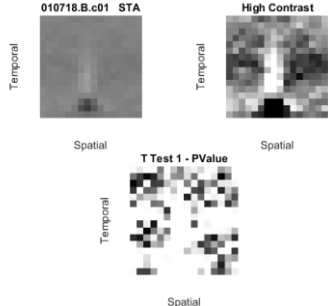
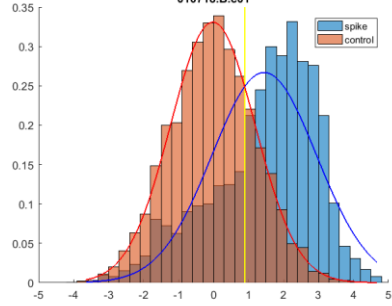
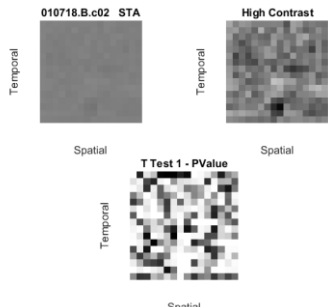
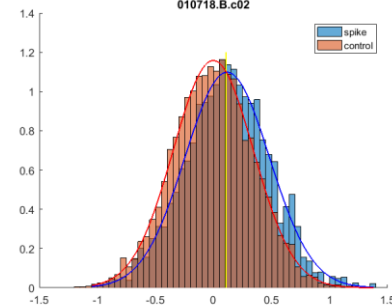
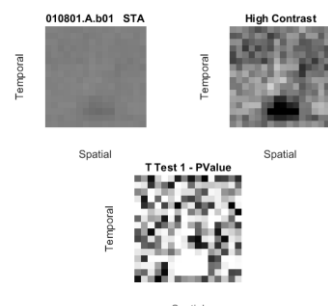
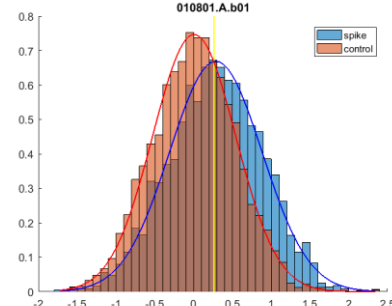
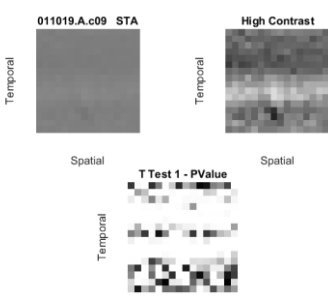
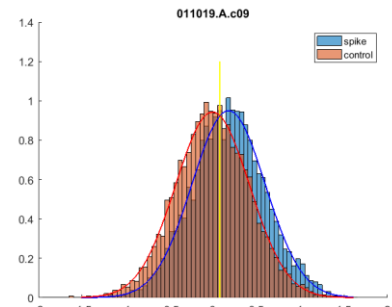
۲۱	<p>000802.c07 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>000802.c07</p>  <p>spike</p> <p>control</p>	<p>4.7268e-102</p>	<p>57.9539%</p>
۲۲	<p>000804.i01 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>000804.i01</p>  <p>spike</p> <p>control</p>	<p>4.9928e-107</p>	<p>59.5721%</p>
۲۳	<p>000823.d04 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>000823.d04</p>  <p>spike</p> <p>control</p>	<p>1.0421e-285</p>	<p>56.8532%</p>
۲۴	<p>000824.g04 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>000824.g04</p>  <p>spike</p> <p>control</p>	<p>0</p>	<p>61.2655%</p>

۲۵	<p>000914.c06 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>000914.c06</p>  <p>spike</p> <p>control</p>	<p>1.0357e-194</p>	<p>53.0337%</p>
۲۶	<p>000914.c07 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>000914.c07</p>  <p>spike</p> <p>control</p>	<p>1.6386e-141</p>	<p>51.718%</p>
۲۷	<p>000926.a04 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>000926.a04</p>  <p>spike</p> <p>control</p>	<p>9.6666e-149</p>	<p>49.6018%</p>
۲۸	<p>010125.A.c02 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>010125.A.c02</p>  <p>spike</p> <p>control</p>	<p>1.1677e-287</p>	<p>55.2949%</p>

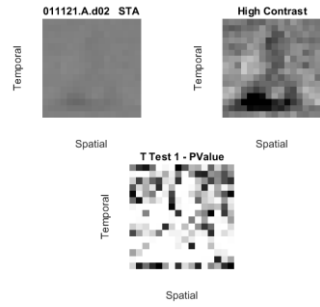
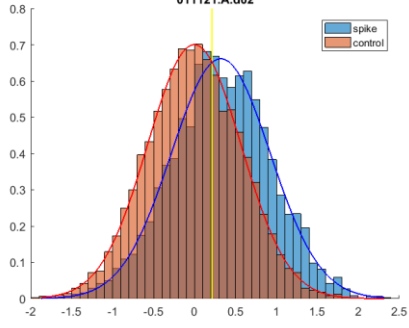
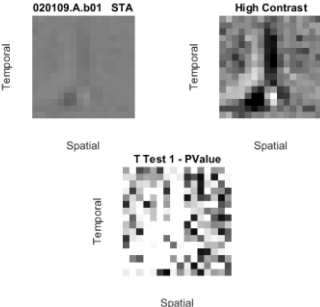
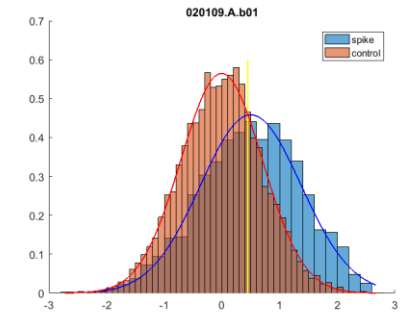
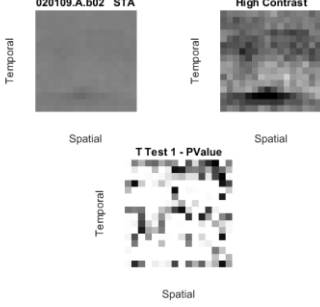
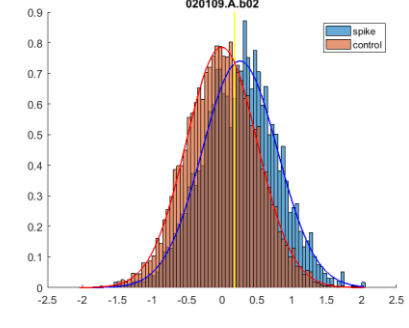
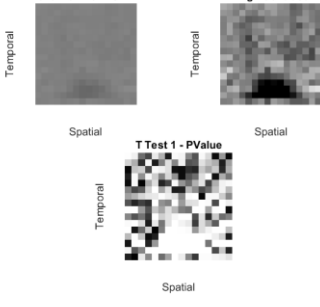
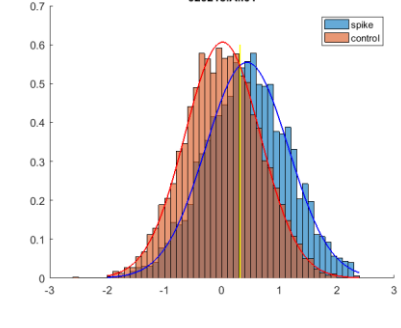
۲۹	<p>010125.A.c03 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>010125.A.c03</p>  <p>spike</p> <p>control</p>	0	55.0041%
۳۰	<p>010208.A.h01 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>010208.A.h01</p>  <p>spike</p> <p>control</p>	3.8863e-282	54.0963%
۳۱	<p>010322.A.f06 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>010322.A.f06</p>  <p>spike</p> <p>control</p>	3.1156e-213	60.7857%
۳۲	<p>010524.A.f01 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>010524.A.f01</p>  <p>spike</p> <p>control</p>	0	52.5743%


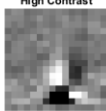

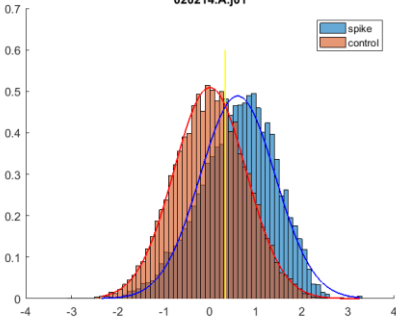

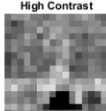
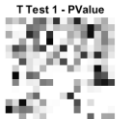
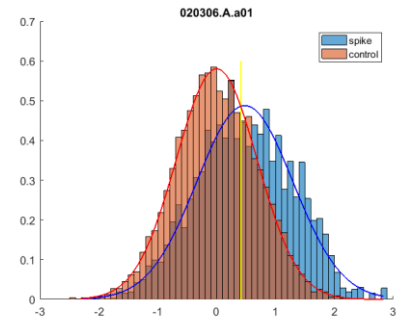

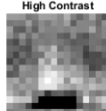
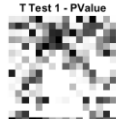
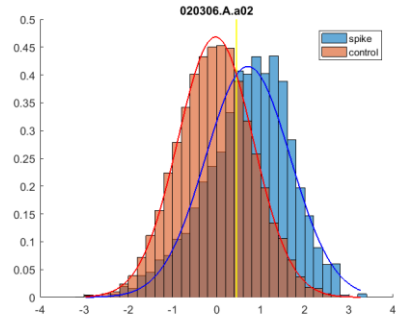

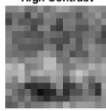

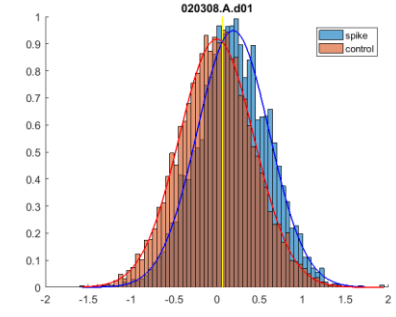


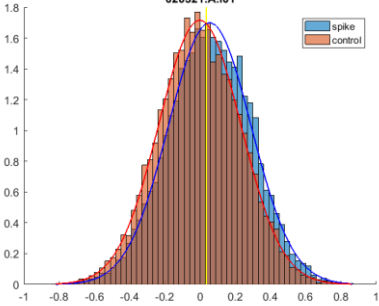
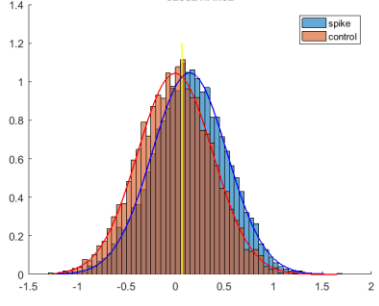
۳۳	<p>010612.B.b02 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p>  <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p>  <p>Temporal</p> <p>Spatial</p>	<p>010612.B.b02</p>  <p>spike</p> <p>control</p>	3.35e-215	49.3061%
۳۴	<p>010614.B.e08 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p>  <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p>  <p>Temporal</p> <p>Spatial</p>	<p>010614.B.e08</p>  <p>spike</p> <p>control</p>	1.3397e-240	56.5179%
۳۵	<p>010628.A.c03 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p>  <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p>  <p>Temporal</p> <p>Spatial</p>	<p>010628.A.c03</p>  <p>spike</p> <p>control</p>	9.8538e-90	55.0868%
۳۶	<p>010628.A.c04 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p>  <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p>  <p>Temporal</p> <p>Spatial</p>	<p>010628.A.c04</p>  <p>spike</p> <p>control</p>	0	54.9957%

۳۷	<p>010718.B.c01 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>010718.B.c01</p>  <p>spike</p> <p>control</p>	0	70.4846%
۳۸	<p>010718.B.c02 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>010718.B.c02</p>  <p>spike</p> <p>control</p>	8.4483e-104	51.1622%
۳۹	<p>010801.A.b01 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>010801.A.b01</p>  <p>spike</p> <p>control</p>	2.5336e-112	52.6681%
۴۰	<p>011019.A.c09 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>011019.A.c09</p>  <p>spike</p> <p>control</p>	5.4993e-316	58.9266%

۴۱	<p>011024.A.b04 STA High Contrast</p> <p>T Test 1 - PValue</p>	<p>011024.A.b04</p> <p>spike control</p>	1.677e-132	53.667%
۴۲	<p>011025.A.d07 STA High Contrast</p> <p>T Test 1 - PValue</p>	<p>011025.A.d07</p> <p>spike control</p>	0	66.8326%
۴۳	<p>011101.A.d02 STA High Contrast</p> <p>T Test 1 - PValue</p>	<p>011101.A.d02</p> <p>spike control</p>	1.9532e-153	54.2688%
۴۴	<p>011101.A.d03 STA High Contrast</p> <p>T Test 1 - PValue</p>	<p>011101.A.d03</p> <p>spike control</p>	2.6505e-177	51.1073%

۴۵	<p>011121.A.d02 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>011121.A.d02</p>  <p>spike</p> <p>control</p>	56.9128%
۴۶	<p>020109.A.b01 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>020109.A.b01</p>  <p>spike</p> <p>control</p>	53.3423%
۴۷	<p>020109.A.b02 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>020109.A.b02</p>  <p>spike</p> <p>control</p>	56.3646%
۴۸	<p>020213.A.i01 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p> <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p> <p>Temporal</p> <p>Spatial</p>	<p>020213.A.i01</p>  <p>spike</p> <p>control</p>	56.9637%

۴۹	<p>020214.A.j01 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p>  <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p>  <p>Temporal</p> <p>Spatial</p>	<p>020214.A.j01</p>  <p>spike</p> <p>control</p>	64.6146%
۵۰	<p>020306.A.a01 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p>  <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p>  <p>Temporal</p> <p>Spatial</p>	<p>020306.A.a01</p>  <p>spike</p> <p>control</p>	52.6132%
۵۱	<p>020306.A.a02 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p>  <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p>  <p>Temporal</p> <p>Spatial</p>	<p>020306.A.a02</p>  <p>spike</p> <p>control</p>	64.0703%
۵۲	<p>020308.A.d01 STA</p>  <p>Temporal</p> <p>Spatial</p> <p>High Contrast</p>  <p>Temporal</p> <p>Spatial</p> <p>T Test 1 - PValue</p>  <p>Temporal</p> <p>Spatial</p>	<p>020308.A.d01</p>  <p>spike</p> <p>control</p>	61.6909%

۵۳	<div>020321.A.i01 STA</div> <div>Temporal</div> <div>Spatial</div> <div>High Contrast</div> <div>Temporal</div> <div>Spatial</div> <div>T Test 1 - PValue</div> <div>Temporal</div> <div>Spatial</div>	<div>020321.A.i01</div> <div>spike</div> <div>control</div> 	53.4048%
۵۴	<div>020321.A.i02 STA</div> <div>Temporal</div> <div>Spatial</div> <div>High Contrast</div> <div>Temporal</div> <div>Spatial</div> <div>T Test 1 - PValue</div> <div>Temporal</div> <div>Spatial</div>	<div>020321.A.i02</div> <div>spike</div> <div>control</div> 	58.3445%