

## Summary statistics group level parameters

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go</i>	489.4608	9.8725	469.4486	482.9974	489.4489	495.9747	509.8819
<i>mu_go_var</i>	46.8364	7.6299	34.9972	41.452	45.8797	51.1525	64.5293
<i>mu_stop</i>	262.6767	10.9288	241.3923	255.5176	262.4267	269.926	284.5513
<i>mu_stop_var</i>	45.7284	8.1867	32.1414	40.1153	44.8555	50.4795	63.9218
<i>sigma_go</i>	52.3998	3.0692	46.4115	50.386	52.3273	54.4927	58.5509
<i>sigma_go_var</i>	13.5563	2.7089	9.2535	11.6354	13.2462	15.0827	19.8302
<i>sigma_stop</i>	7.9337	5.2473	1.2114	3.3994	6.9309	11.8144	19.3241
<i>sigma_stop_var</i>	7.5832	5.133	1.158	3.6318	6.6145	10.1903	20.2972
<i>tau_go</i>	109.7918	8.442	93.106	104.7367	109.8974	115.2044	125.2288
<i>tau_go_var</i>	37.529	7.6884	26.6425	32.4729	36.3721	41.2415	54.8355
<i>tau_stop</i>	14.9949	5.4704	3.1453	11.8495	14.8891	18.4026	25.8268
<i>tau_stop_var</i>	6.2643	6.3328	1.16	2.1607	4.0322	7.8135	24.5395
<i>p_tf</i>	-0.6955	0.0782	-0.8531	-0.746	-0.6947	-0.6447	-0.5446
<i>p_tf_var</i>	0.3339	0.072	0.2127	0.2827	0.327	0.3759	0.4915

## Summary statistics Subject 1

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.1</i>	555.4407	5.5474	544.9078	551.5518	555.1882	559.1876	566.5454
<i>mu_stop_subj.1</i>	245.7426	16.7174	210.007	234.2826	247.7756	258.0952	273.9731
<i>sigma_go_subj.1</i>	44.919	3.4911	38.424	42.5684	44.7361	47.2102	51.9754
<i>sigma_stop_subj.1</i>	14.0468	9.5833	1.5855	6.4176	12.443	19.4265	36.5596
<i>tau_go_subj.1</i>	57.3974	6.3793	45.757	52.8946	57.2318	61.7031	70.2418
<i>tau_stop_subj.1</i>	17.3518	7.6214	4.7114	12.4893	16.0068	21.3818	35.6786
<i>p_tf_subjpt.1</i>	0.1418	0.0438	0.0669	0.1098	0.1384	0.17	0.2356
<i>mean go</i>	612.8381	4.312	599.1668	609.9072	612.7368	615.6774	629.1206
<i>sd go</i>	73.1149	4.3883	60.2006	70.0084	72.7804	75.922	91.4184
<i>mean SSRT</i>	263.0945	13.9257	208.2573	254.1421	264.2877	273.1458	302.0157
<i>sd SSRT</i>	24.1716	8.003	9.3532	18.1195	22.7267	28.551	81.4394

## Summary statistics Subject 2

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.2</i>	544.6928	7.0665	531.3988	539.8502	544.5038	549.5352	558.9074
<i>mu_stop_subj.2</i>	300.883	16.5727	267.4873	289.9713	300.9089	312.2066	333.6159
<i>sigma_go_subj.2</i>	52.9732	4.764	44.0866	49.6914	52.8924	56.1203	62.46
<i>sigma_stop_subj.2</i>	11.1328	7.8526	1.3915	5.0903	9.8742	15.2409	29.91
<i>tau_go_subj.2</i>	88.4893	8.3753	72.7201	82.7389	88.3095	94.02	105.753
<i>tau_stop_subj.2</i>	17.5665	8.487	4.8111	12.3936	15.9417	21.277	38.8796
<i>p_tf_subjpt.2</i>	0.3036	0.0494	0.2092	0.27	0.3025	0.337	0.4036
<i>mean go</i>	633.1821	5.8335	614.7121	629.1183	633.0256	637.044	660.094
<i>sd go</i>	103.3884	6.3394	83.0196	98.846	103.1211	107.3481	131.8947
<i>mean SSRT</i>	318.4495	15.4025	257.7701	308.1117	318.2791	328.5773	379.8626
<i>sd SSRT</i>	22.239	8.4635	7.591	16.5291	20.4288	25.899	101.0579

## Summary statistics Subject 3

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.3</i>	536.2645	6.4196	524.5595	531.7732	536.0066	540.5371	549.2763
<i>mu_stop_subj.3</i>	291.7069	13.3703	263.5715	283.7684	292.2807	300.6952	316.1787
<i>sigma_go_subj.3</i>	37.7627	5.2141	28.3045	34.139	37.4511	41.0736	48.8498
<i>sigma_stop_subj.3</i>	10.4375	7.0477	1.3528	4.7402	9.3479	14.4768	27.6228
<i>tau_go_subj.3</i>	135.4942	10.2235	116.5214	128.4412	135.1646	142.3949	156.0551
<i>tau_stop_subj.3</i>	16.3637	7.2468	4.7034	11.9827	15.1557	19.7252	34.2605
<i>p_tf_subjpt.3</i>	0.2298	0.0459	0.1472	0.1978	0.2276	0.2593	0.3258
<i>mean go</i>	671.7587	8.4018	646.5861	665.861	671.6031	677.4152	709.2637
<i>sd go</i>	140.8096	9.438	110.6122	134.15	140.5239	147.1187	182.3749
<i>mean SSRT</i>	308.0706	11.7407	240.9114	300.5419	308.0974	315.8823	365.304
<i>sd SSRT</i>	20.7563	6.933	8.6595	15.9348	19.333	24.0838	76.7591

## Summary statistics Subject 4

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.4</i>	483.6843	7.5358	468.4105	478.6231	483.7528	488.6869	498.3927
<i>mu_stop_subj.4</i>	212.0282	11.5183	190.2781	203.7874	211.5266	220.2183	234.2297
<i>sigma_go_subj.4</i>	49.8164	5.1265	39.703	46.4303	49.8442	53.2443	59.8986
<i>sigma_stop_subj.4</i>	9.6685	6.093	1.3449	4.741	8.8381	13.4139	23.5294
<i>tau_go_subj.4</i>	76.0328	8.4561	60.7302	70.0557	75.6511	81.587	93.715
<i>tau_stop_subj.4</i>	14.2345	6.1088	2.6611	10.4603	13.9361	17.7049	27.4778
<i>p_tf_subjpt.4</i>	0.1879	0.0401	0.1151	0.1598	0.186	0.2142	0.2727
<i>mean go</i>	559.717	5.1754	540.6349	556.1998	559.5686	563.0491	581.6066
<i>sd go</i>	91.2512	5.8011	75.5367	87.045	90.8135	94.8711	116.5601
<i>mean SSRT</i>	226.2626	10.1775	195.1153	219.1463	226.1425	233.2654	263.5663
<i>sd SSRT</i>	18.4512	5.4855	5.046	14.67	17.6741	21.5201	50.6464

## Summary statistics Subject 5

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.5</i>	465.3536	6.8469	452.2808	460.9277	465.2533	469.6732	479.3893
<i>mu_stop_subj.5</i>	210.2537	15.052	184.8884	199.59	208.556	219.3085	242.4843
<i>sigma_go_subj.5</i>	51.583	4.84	42.3845	48.2563	51.3592	54.8276	61.5545
<i>sigma_stop_subj.5</i>	10.5536	7.6342	1.4062	4.6574	9.1416	14.3247	29.6247
<i>tau_go_subj.5</i>	110.8584	8.7467	93.7637	105.0195	110.6703	116.5283	128.5396
<i>tau_stop_subj.5</i>	16.3143	7.8215	3.8374	11.4921	15.1252	19.8187	35.6878
<i>p_tf_subjpt.5</i>	0.2434	0.0461	0.1556	0.2115	0.2424	0.2741	0.3376
<i>mean go</i>	576.2119	6.8935	551.8829	571.4386	576.0503	580.723	598.4854
<i>sd go</i>	122.4612	7.3188	97.9196	117.485	122.3311	127.1057	150.3461
<i>mean SSRT</i>	226.5681	14.9129	185.0033	215.9976	224.5659	235.8208	293.7997
<i>sd SSRT</i>	20.8756	7.8228	4.9236	15.5992	19.2389	24.4823	79.6707

## Summary statistics Subject 6

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.6</i>	509.7951	8.45	493.6247	503.9964	509.8029	515.2897	526.4499
<i>mu_stop_subj.6</i>	299.6253	24.3688	242.6948	285.4534	304.3861	316.9088	338.6246
<i>sigma_go_subj.6</i>	61.9638	5.6882	51.2081	58.1682	61.819	65.661	73.7853
<i>sigma_stop_subj.6</i>	11.5435	8.1574	1.5574	5.2745	9.9683	15.5965	31.5257
<i>tau_go_subj.6</i>	97.2915	9.589	78.7979	90.9636	97.0524	103.5258	116.8017
<i>tau_stop_subj.6</i>	17.767	9.1151	5.1204	12.5204	15.9858	21.0683	40.7461
<i>p_tf_subjpt.6</i>	0.3373	0.0613	0.2265	0.2934	0.3346	0.3775	0.4632
<i>mean go</i>	607.0866	6.5483	582.2355	602.6856	606.9096	611.4	633.1852
<i>sd go</i>	115.6782	6.9274	93.9185	110.9023	115.2451	120.0323	147.0094
<i>mean SSRT</i>	317.3923	22.6708	225.9769	305.4081	321.2472	332.7065	399.9751
<i>sd SSRT</i>	22.6894	9.1506	7.4571	16.6742	20.6609	26.4851	131.2848

## Summary statistics Subject 7

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.7</i>	424.9517	6.8339	412.1599	420.2541	424.7677	429.3497	438.814
<i>mu_stop_subj.7</i>	225.138	10.7067	203.7986	217.9331	225.0305	232.3409	244.8593
<i>sigma_go_subj.7</i>	43.2181	5.3631	33.4467	39.378	43.0898	46.7038	54.1708
<i>sigma_stop_subj.7</i>	9.3327	5.8785	1.3489	4.5432	8.583	13.0441	22.5434
<i>tau_go_subj.7</i>	128.407	9.7047	109.3077	122.0304	128.4376	134.9189	147.1603
<i>tau_stop_subj.7</i>	14.4589	6.0084	3.6404	10.6811	13.9421	17.7223	27.0355
<i>p_tf_subjpt.7</i>	0.198	0.0461	0.1153	0.1658	0.1955	0.2278	0.297
<i>mean go</i>	553.3587	7.4242	523.8175	548.337	553.0311	558.2309	589.056
<i>sd go</i>	135.6696	8.5357	107.134	129.9614	135.6341	141.3042	172.9485
<i>mean SSRT</i>	239.5969	9.5065	205.6338	233.0492	239.2613	245.8551	275.9079
<i>sd SSRT</i>	18.3683	5.4238	7.4561	14.5419	17.5569	21.3394	67.4152

## Summary statistics Subject 8

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.8</i>	413.213	6.3625	401.2079	408.8354	413.089	417.3681	426.6753
<i>mu_stop_subj.8</i>	221.7164	14.7824	192.0038	211.8432	222.101	231.5696	250.7885
<i>sigma_go_subj.8</i>	42.6871	4.7037	33.7857	39.4596	42.6455	45.645	52.4708
<i>sigma_stop_subj.8</i>	10.7759	7.5721	1.3953	4.866	9.4917	14.6723	28.9592
<i>tau_go_subj.8</i>	98.2607	8.3487	82.4491	92.5333	97.8988	103.8237	115.8103
<i>tau_stop_subj.8</i>	15.6733	7.3089	3.4623	11.0958	14.7324	19.3596	32.9163
<i>p_tf_subjpt.8</i>	0.3582	0.0515	0.2602	0.323	0.3573	0.3926	0.4625
<i>mean go</i>	511.4737	6.1286	490.9444	507.1381	511.3465	515.4451	538.4106
<i>sd go</i>	107.3366	6.9295	85.0165	102.4461	106.8382	111.7491	136.1088
<i>mean SSRT</i>	237.3897	14.1489	173.0734	227.8996	237.4154	246.5928	303.5006
<i>sd SSRT</i>	20.4506	7.3687	5.8115	15.3787	19.0916	23.9948	91.6609

## Summary statistics Subject 9

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.9</i>	478.8	7.6039	464.354	473.6717	478.7041	484.001	493.7289
<i>mu_stop_subj.9</i>	320.7637	29.263	264.1041	301.6992	321.0679	339.7394	379.2571
<i>sigma_go_subj.9</i>	53.4512	5.2378	43.927	49.6568	53.1896	56.8455	64.5526
<i>sigma_stop_subj.9</i>	11.8109	8.9552	1.3972	5.1803	10.2344	15.8236	35.6848
<i>tau_go_subj.9</i>	85.89	8.8762	69.4321	79.825	85.5394	91.595	103.9884
<i>tau_stop_subj.9</i>	18.948	11.5864	5.7405	12.3373	16.4403	22.0713	48.8207
<i>p_tf_subjpt.9</i>	0.4642	0.0694	0.3269	0.4179	0.4642	0.5122	0.5976
<i>mean go</i>	564.69	6.1063	543.3586	560.55	564.499	568.7499	591.2476
<i>sd go</i>	101.4789	6.5096	80.6224	96.974	100.9757	105.5868	134.2905
<i>mean SSRT</i>	339.7116	29.0785	221.2464	320.5427	339.7479	357.9341	464.0747
<i>sd SSRT</i>	24.021	11.6596	7.2604	16.7782	20.9457	27.5261	155.2039

## Summary statistics Subject 10

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.10</i>	423.7763	7.2344	409.8578	418.7214	423.9035	428.5696	438.4318
<i>mu_stop_subj.10</i>	206.064	11.4992	183.6917	198.4894	206.013	213.6269	229.686
<i>sigma_go_subj.10</i>	49.4268	5.4217	39.0962	45.7653	49.2779	52.9586	60.6297
<i>sigma_stop_subj.10</i>	9.7236	6.4343	1.3819	4.5558	8.7195	13.5961	24.8013
<i>tau_go_subj.10</i>	125.0695	9.7202	107.231	118.4721	124.9656	131.2637	145.0921
<i>tau_stop_subj.10</i>	14.3436	5.9202	3.4079	10.6052	13.9319	17.5124	26.9912
<i>p_tf_subjpt.10</i>	0.2451	0.0451	0.1622	0.2137	0.2431	0.2745	0.3387
<i>mean go</i>	548.8458	7.4895	524.9365	543.6285	548.7092	553.7467	577.0206
<i>sd go</i>	134.6831	8.35	107.7342	128.8063	134.4582	140.0109	167.4927
<i>mean SSRT</i>	220.4076	10.5453	178.3692	213.3523	220.0764	226.9503	277.0427
<i>sd SSRT</i>	18.5867	5.5918	7.2429	14.6984	17.6668	21.4039	56.1129

## Summary statistics Subject 11

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.11</i>	546.1115	7.5842	530.947	541.1077	546.2557	551	561.2957
<i>mu_stop_subj.11</i>	194.8662	9.3427	180.2325	188.0526	193.6246	200.4649	216.0392
<i>sigma_go_subj.11</i>	58.7184	4.8208	49.5981	55.3981	58.5616	61.8463	68.6529
<i>sigma_stop_subj.11</i>	7.8822	5.1188	1.2912	3.6725	6.949	11.1763	19.6492
<i>tau_go_subj.11</i>	97.3278	8.9589	80.7127	91.1947	96.9135	103.1166	115.7854
<i>tau_stop_subj.11</i>	13.577	5.4106	3.2324	10.0625	13.2132	16.7285	25.2343
<i>p_tf_subjpt.11</i>	0.1783	0.0355	0.1141	0.1532	0.1773	0.2014	0.2517
<i>mean go</i>	643.4393	6.6634	616.9109	638.8967	643.1935	647.872	669.0854
<i>sd go</i>	113.9087	6.9908	90.5033	109.0687	113.4326	118.3944	143.689
<i>mean SSRT</i>	208.4432	8.622	183.784	202.3236	207.5259	213.4474	249.9063
<i>sd SSRT</i>	16.7413	4.6548	6.7577	13.375	16.0901	19.4078	40.2965

## Summary statistics Subject 12

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.12</i>	473.9034	9.9612	454.1112	467.3871	473.9885	480.8975	492.7374
<i>mu_stop_subj.12</i>	324.7628	12.565	296.6516	318.2116	325.8419	332.6879	346.2389
<i>sigma_go_subj.12</i>	67.5408	7.1992	53.7859	62.605	67.5419	72.5191	81.5414
<i>sigma_stop_subj.12</i>	10.3777	7.293	1.3894	4.5889	9.0826	14.3095	28.279
<i>tau_go_subj.12</i>	169.9865	13.5371	145.6169	160.3028	169.5091	178.8007	197.4174
<i>tau_stop_subj.12</i>	16.6541	7.6592	5.2432	11.9311	15.2593	20.017	34.837
<i>p_tf_subjpt.12</i>	0.1835	0.0437	0.1049	0.1529	0.1802	0.2121	0.276
<i>mean go</i>	643.8899	10.182	603.9206	636.9695	643.6908	650.3506	691.3889
<i>sd go</i>	183.1861	11.6227	148.0048	175.0012	182.5065	190.754	238.2976
<i>mean SSRT</i>	341.417	10.4785	284.1245	335.0323	341.7606	348.0907	391.61
<i>sd SSRT</i>	20.9402	7.6427	8.7739	15.7863	19.2082	24.308	87.2221

## Summary statistics Subject 13

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.13</i>	423.5452	4.1139	415.1784	420.8239	423.5478	426.3832	431.5856
<i>mu_stop_subj.13</i>	238.0145	11.2125	218.8835	229.8839	236.7066	245.3706	262.5967
<i>sigma_go_subj.13</i>	30.3118	3.0304	24.5939	28.2662	30.2364	32.2915	36.4936
<i>sigma_stop_subj.13</i>	10.1658	6.614	1.3224	4.7024	9.2011	14.3914	25.4958
<i>tau_go_subj.13</i>	65.0947	5.4248	54.816	61.4347	64.8657	68.4967	76.2883
<i>tau_stop_subj.13</i>	16.0305	6.3014	4.0431	11.9425	15.522	19.6845	29.7677
<i>p_tf_subjpt.13</i>	0.1464	0.045	0.0661	0.1141	0.144	0.1757	0.2411
<i>mean go</i>	488.6399	4.0867	473.3206	485.8508	488.491	491.3323	505.2888
<i>sd go</i>	71.9343	4.4929	58.1562	68.8562	71.7192	74.7698	93.721
<i>mean SSRT</i>	254.045	9.7549	222.4007	247.0483	253.488	260.607	294.9955
<i>sd SSRT</i>	20.2907	5.6618	7.3044	16.2429	19.5173	23.7331	48.5653

## Summary statistics Subject 14

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.14</i>	533.3825	7.0406	519.9749	528.6498	533.352	537.8662	547.7778
<i>mu_stop_subj.14</i>	277.7057	10.5178	255.9881	271.1321	278.0166	284.5363	297.9675
<i>sigma_go_subj.14</i>	54.6588	4.7318	45.6328	51.3408	54.5042	57.9221	64.0109
<i>sigma_stop_subj.14</i>	10.1553	6.8809	1.4754	4.7147	9.0131	14.0393	26.6718
<i>tau_go_subj.14</i>	91.9696	8.6064	75.6854	86.1052	91.5598	97.6561	109.3807
<i>tau_stop_subj.14</i>	15.9495	6.9821	4.0489	11.5497	14.9369	19.4764	32.2132
<i>p_tf_subjpt.14</i>	0.1723	0.0407	0.0987	0.1435	0.17	0.1986	0.258
<i>mean go</i>	625.3521	6.1812	603.593	620.9164	625.2204	629.5883	650.6681
<i>sd go</i>	107.2291	6.6605	87.3487	102.5045	106.8305	111.5916	136.934
<i>mean SSRT</i>	293.6552	9.267	254.0498	287.5522	293.7936	299.5671	338.4786
<i>sd SSRT</i>	20.1903	6.7792	7.9606	15.509	18.8941	23.4748	82.3609

## Summary statistics Subject 15

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.15</i>	476.632	6.5061	463.9542	472.1281	476.5707	481.0075	489.8111
<i>mu_stop_subj.15</i>	253.4818	11.3887	228.3889	246.5182	254.3298	261.3231	273.6624
<i>sigma_go_subj.15</i>	41.232	5.1672	31.2302	37.707	41.2617	44.6741	51.3169
<i>sigma_stop_subj.15</i>	10.8151	7.0618	1.4443	5.1414	9.7718	14.9964	27.7679
<i>tau_go_subj.15</i>	114.834	9.2714	97.6715	108.3581	114.5025	121.0638	133.4266
<i>tau_stop_subj.15</i>	15.711	6.5168	4.1453	11.5307	15.022	19.1401	30.5424
<i>p_tf_subjpt.15</i>	0.1213	0.0395	0.0524	0.0932	0.1183	0.1466	0.2055
<i>mean go</i>	591.466	6.9988	569.5336	586.5787	591.1716	596.0841	621.879
<i>sd go</i>	122.2085	8.0414	98.4411	116.5109	121.8009	127.5347	158.6295
<i>mean SSRT</i>	269.1928	9.6509	231.3095	263.0939	269.6701	275.7464	305.329
<i>sd SSRT</i>	20.3896	6.3559	7.1513	15.9102	19.1866	23.92	57.0632

## Summary statistics Subject 16

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.16</i>	470.0136	8.5203	453.6508	464.143	470.0022	475.5875	487.0834
<i>mu_stop_subj.16</i>	227.3551	14.4858	201.2543	217.2928	226.2795	236.8557	257.254
<i>sigma_go_subj.16</i>	71.8592	5.6044	61.3057	68.0376	71.556	75.5291	83.1902
<i>sigma_stop_subj.16</i>	10.4555	7.2177	1.4825	4.8567	9.163	14.4071	28.0233
<i>tau_go_subj.16</i>	138.669	11.0676	117.9242	130.9732	138.3247	145.8232	161.7817
<i>tau_stop_subj.16</i>	15.3142	6.4642	3.6077	11.2206	14.6179	18.7987	29.8135
<i>p_tf_subjpt.16</i>	0.3075	0.0459	0.2216	0.2754	0.3068	0.3373	0.4007
<i>mean go</i>	608.6826	8.8863	578.2565	602.5793	608.3303	614.5108	650.0897
<i>sd go</i>	156.3994	9.2704	128.6271	149.931	156.0512	162.31	204.2429
<i>mean SSRT</i>	242.6693	13.8624	187.159	233.0767	241.5752	251.4458	318.2549
<i>sd SSRT</i>	19.9067	6.4374	7.309	15.3209	18.7267	23.3349	71.5946

## Summary statistics Subject 17

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.17</i>	488.5685	6.4539	476.6039	484.1718	488.5776	492.7179	501.4621
<i>mu_stop_subj.17</i>	285.6972	34.9417	218.816	255.0144	297.1327	314.2043	333.065
<i>sigma_go_subj.17</i>	49.6047	4.0819	41.9324	46.8651	49.3957	52.1556	58.0304
<i>sigma_stop_subj.17</i>	13.8108	11.4627	1.3906	5.6072	11.1327	18.0261	45.1202
<i>tau_go_subj.17</i>	74.0208	7.6012	59.8433	68.8634	73.6467	78.8707	89.3774
<i>tau_stop_subj.17</i>	19.0599	11.0457	5.188	12.7208	16.5031	22.447	48.8363
<i>p_tf_subjpt.17</i>	0.2915	0.0751	0.1646	0.2351	0.2817	0.3443	0.4446
<i>mean go</i>	562.5893	5.6546	543.2668	558.6629	562.441	566.3586	583.9824
<i>sd go</i>	89.3383	5.7273	72.3591	85.325	88.9759	93.0503	115.4826
<i>mean SSRT</i>	304.7571	33.1366	194.0712	278.5535	315.9954	330.5141	366.2646
<i>sd SSRT</i>	25.669	12.1863	8.046	17.4752	22.3215	30.1215	125.7571

## Summary statistics Subject 18

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.18</i>	543.0443	12.3873	519.2292	534.2388	542.526	551.3549	567.1303
<i>mu_stop_subj.18</i>	260.256	20.2126	221.8175	246.3539	260.4497	274.0272	299.2663
<i>sigma_go_subj.18</i>	85.1966	7.9834	70.7128	79.6728	84.896	90.2835	102.0534
<i>sigma_stop_subj.18</i>	12.4129	8.9961	1.5331	5.5239	10.8623	16.9259	34.976
<i>tau_go_subj.18</i>	166.2437	14.7321	138.7912	155.9894	166.0109	176.0229	196.5524
<i>tau_stop_subj.18</i>	17.1532	7.5771	4.8451	12.3694	15.8263	20.8654	35.4711
<i>p_tf_subjpt.18</i>	0.2066	0.0419	0.1297	0.1778	0.2046	0.2335	0.2935
<i>mean go</i>	709.288	10.7386	665.8857	701.9406	709.1133	716.3969	752.0606
<i>sd go</i>	187.1892	11.6794	150.0594	178.9754	186.5775	194.6837	235.1232
<i>mean SSRT</i>	277.4091	18.6586	134.086	264.7824	277.6928	290.1608	343.1692
<i>sd SSRT</i>	22.848	8.0382	9.2382	17.1258	20.9786	26.6199	102.4225

## Summary statistics Subject 19

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.19</i>	500.8169	6.106	489.2479	496.7423	500.6786	504.6339	513.5588
<i>mu_stop_subj.19</i>	263.6731	12.7349	242.1267	255.4719	262.3347	270.5679	292.4702
<i>sigma_go_subj.19</i>	42.959	4.6	34.1771	39.8667	42.8755	45.9398	52.4347
<i>sigma_stop_subj.19</i>	10.1002	7.3018	1.3599	4.5515	8.6581	13.7502	28.2874
<i>tau_go_subj.19</i>	124.5831	9.2132	107.4148	118.3769	124.4699	130.7164	143.5774
<i>tau_stop_subj.19</i>	16.8336	8.0288	4.8005	11.808	15.3334	20.5103	37.0587
<i>p_tf_subjpt.19</i>	0.3019	0.0493	0.2067	0.2686	0.3018	0.3348	0.4005
<i>mean go</i>	625.4	7.5089	603.1439	620.3298	625.0307	630.2961	661.2229
<i>sd go</i>	131.9233	8.2891	107.4597	126.2478	131.6505	137.3518	171.041
<i>mean SSRT</i>	280.5067	13.1413	242.885	271.4169	278.6983	287.7004	352.1154
<i>sd SSRT</i>	20.9667	7.9722	7.3584	15.6049	19.2443	24.4134	95.7384

## Summary statistics Subject 20

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.20</i>	544.3097	8.3684	528.1055	538.5822	544.3191	549.9741	560.6827
<i>mu_stop_subj.20</i>	317.3998	20.2387	276.8528	305.5732	316.5944	328.4107	358.4098
<i>sigma_go_subj.20</i>	60.764	5.9239	49.9349	56.5187	60.5094	64.6912	72.7971
<i>sigma_stop_subj.20</i>	11.1319	7.9024	1.4748	5.1891	9.4401	15.1514	30.2833
<i>tau_go_subj.20</i>	171.7386	12.031	149.1979	163.4466	171.6	179.7727	196.0512
<i>tau_stop_subj.20</i>	17.4774	8.4002	5.1871	12.2428	15.8746	20.7836	40.529
<i>p_tf_subjpt.20</i>	0.3556	0.0529	0.2585	0.3189	0.3542	0.3905	0.4614
<i>mean go</i>	716.0483	10.3524	678.2308	708.9846	715.6773	723.1439	758.3791
<i>sd go</i>	182.3384	10.9069	145.8581	174.7083	182.032	189.6059	236.8091
<i>mean SSRT</i>	334.8773	19.0939	210.2704	323.3746	333.6263	346.2392	404.6515
<i>sd SSRT</i>	22.1325	8.5169	6.5153	16.3001	20.0576	25.96	85.5601

## Summary statistics Subject 21

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.21</i>	507.5615	7.63	492.944	502.2306	507.4028	512.934	522.7736
<i>mu_stop_subj.21</i>	313.8345	14.6364	284.111	304.7163	313.8247	323.3612	342.2583
<i>sigma_go_subj.21</i>	54.2728	5.0642	44.6055	50.7905	54.2339	57.4749	64.607
<i>sigma_stop_subj.21</i>	11.4109	8.0425	1.4011	5.1593	9.9369	15.6102	31.7804
<i>tau_go_subj.21</i>	80.5087	8.5866	64.8099	74.4274	80.2797	86.1819	97.455
<i>tau_stop_subj.21</i>	17.7234	8.2808	5.3192	12.5612	16.1479	21.6639	38.2642
<i>p_tf_subjpt.21</i>	0.2159	0.0502	0.1239	0.1802	0.2144	0.2482	0.3203
<i>mean go</i>	588.0702	5.5779	570.3955	584.228	587.9513	591.7355	612.2213
<i>sd go</i>	97.42	5.9915	78.8046	93.2491	97.1036	101.2793	124.2063
<i>mean SSRT</i>	331.5579	12.9409	272.0703	323.0078	331.6572	339.9047	378.3836
<i>sd SSRT</i>	22.5853	8.2145	8.0681	16.927	20.8604	26.2586	97.5933

## Summary statistics Subject 22

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.22</i>	476.6169	6.5921	464.3709	472.1398	476.4643	480.9536	489.7983
<i>mu_stop_subj.22</i>	242.6235	12.1307	219.6462	234.9246	241.6627	249.7304	269.4961
<i>sigma_go_subj.22</i>	48.1272	4.527	40.0048	44.9837	47.9397	51.0546	57.5575
<i>sigma_stop_subj.22</i>	9.8234	6.9205	1.3736	4.5599	8.644	13.3373	26.2274
<i>tau_go_subj.22</i>	75.6664	7.5583	60.9062	70.5432	75.6358	80.6947	90.6598
<i>tau_stop_subj.22</i>	16.6828	8.7845	4.2072	11.6214	14.9881	19.903	39.0505
<i>p_tf_subjpt.22</i>	0.3286	0.0525	0.2273	0.2935	0.3274	0.3634	0.4337
<i>mean go</i>	552.2833	5.0769	532.4738	548.8091	552.0763	555.6863	575.985
<i>sd go</i>	89.9426	5.4381	74.1547	86.2214	89.6859	93.4318	112.043
<i>mean SSRT</i>	259.3063	12.8162	202.5234	250.6761	257.8713	266.2384	331.7662
<i>sd SSRT</i>	20.6706	8.5203	7.7288	15.2768	18.6629	23.8243	102.9345

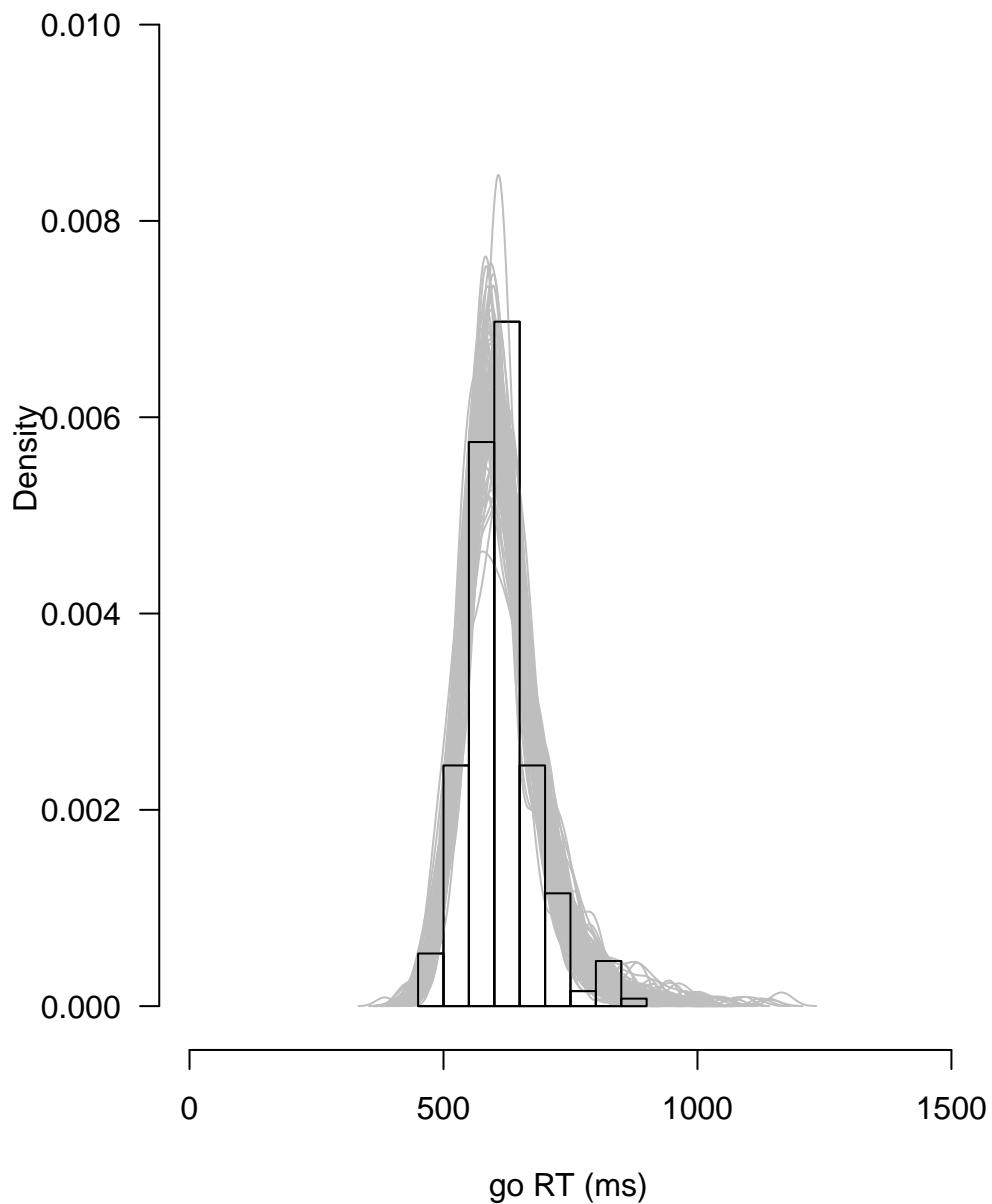
## Summary statistics Subject 23

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.23</i>	447.5557	8.5539	431.0883	441.8382	447.374	453.0411	464.7317
<i>mu_stop_subj.23</i>	273.2455	14.197	246.5506	263.3972	273.4429	282.3537	302.7193
<i>sigma_go_subj.23</i>	48.1577	6.9762	35.183	43.3225	47.6831	52.9171	62.4332
<i>sigma_stop_subj.23</i>	11.1437	7.6515	1.4282	5.201	9.7596	15.23	29.8554
<i>tau_go_subj.23</i>	146.4286	11.7248	124.7953	138.1839	146.0347	154.5478	170.2307
<i>tau_stop_subj.23</i>	16.9874	7.647	4.728	12.2141	15.819	20.4837	35.5279
<i>p_tf_subjpt.23</i>	0.2054	0.0447	0.1241	0.1741	0.2028	0.2341	0.3007
<i>mean go</i>	593.9844	8.8341	565.5119	587.8899	593.7195	599.8215	632.9107
<i>sd go</i>	154.4102	10.2046	118.7753	147.1386	153.9852	161.2124	197.1561
<i>mean SSRT</i>	290.2329	12.8856	241.3202	281.1985	290.0707	298.5	338.5938
<i>sd SSRT</i>	21.7368	7.5683	7.2898	16.4548	20.2125	25.3924	83.9057

## Summary statistics Subject 24

	<b>Mean</b>	<b>Sd</b>	<b>2.5%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>97.5%</b>
<i>mu_go_subj.24</i>	478.5122	7.9458	463.2197	473.2663	478.1486	483.7251	494.662
<i>mu_stop_subj.24</i>	292.7966	15.0758	259.4327	283.7267	294.0859	303.21	319.7463
<i>sigma_go_subj.24</i>	57.6127	5.7757	46.8583	53.7575	57.2951	61.3614	69.4156
<i>sigma_stop_subj.24</i>	10.3223	7.2177	1.4427	4.7636	9.1156	14.1261	27.668
<i>tau_go_subj.24</i>	127.608	10.195	107.4133	120.8394	127.3457	134.2465	148.2458
<i>tau_stop_subj.24</i>	16.4992	8.0734	4.4587	11.6066	15.1319	19.9828	35.9251
<i>p_tf_subjpt.24</i>	0.3368	0.0498	0.2439	0.3024	0.3356	0.3699	0.4359
<i>mean go</i>	606.1202	7.6978	579.2951	600.8887	605.968	611.0925	638.3982
<i>sd go</i>	140.2441	8.4793	114.5969	134.4641	139.8531	145.7224	180.0276
<i>mean SSRT</i>	309.2958	13.9449	249.6843	300.4998	310.0858	318.135	425.4459
<i>sd SSRT</i>	20.7668	8.0489	7.1928	15.5093	19.0819	24.2029	124.7669

# **Posterior predictive model check for go RT distribution Subject 1**



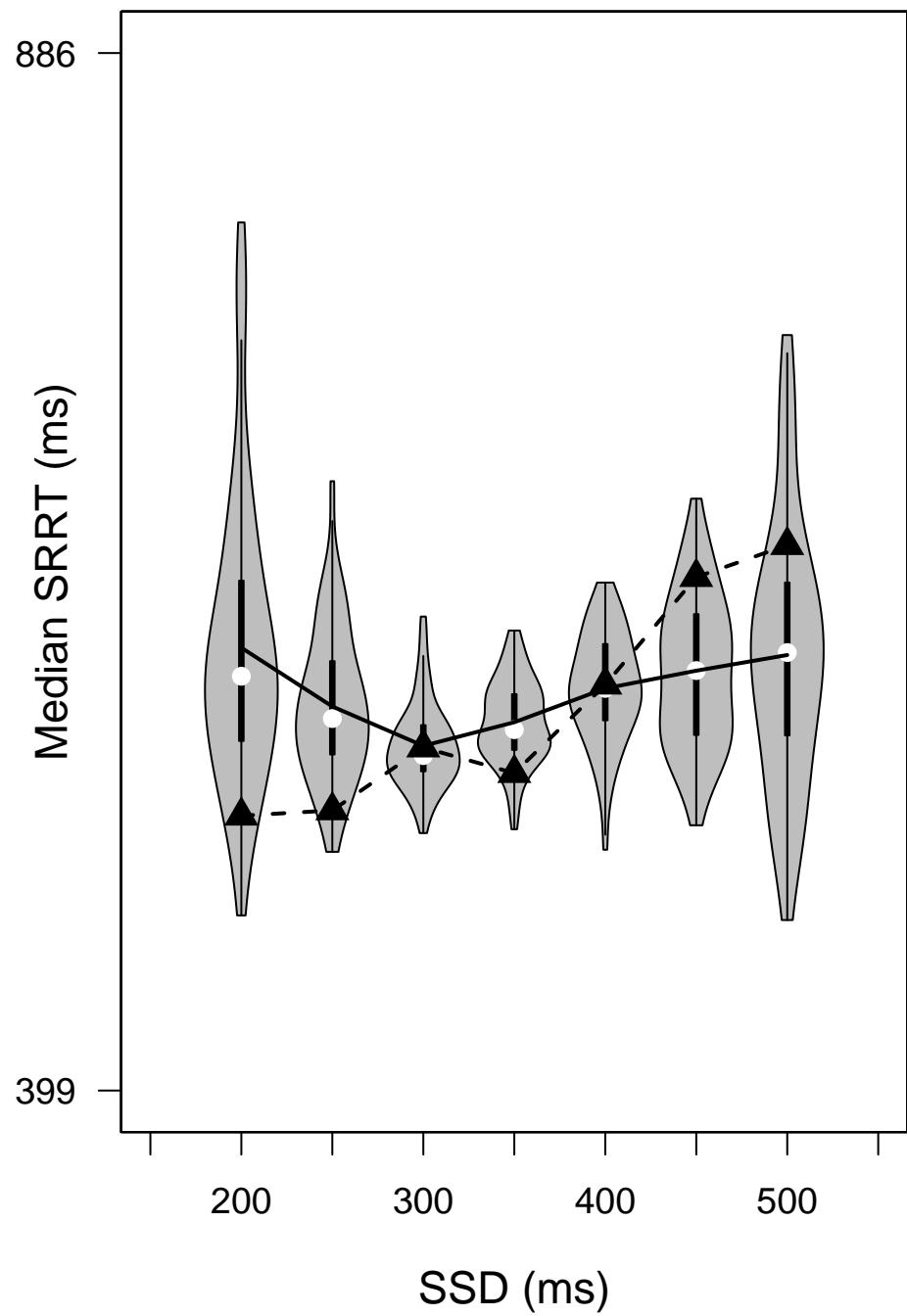
## Posterior predictive p values for median SRRT

### Subject 1

	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400	SSD=450	SSD=500
Number of observed SRRT	1	8	22	6	4	3	1
Observed median SRRT	528	530.5	560	548	589.5	640	655
Average predicted SRRT	606.85	579.28	560.8	571.87	587.75	596.07	603.42
One-sided p value	0.929	0.94	0.46	0.92	0.47	0.13	0.16
Two-sided p value	0.141	0.12	0.92	0.16	0.94	0.26	0.319

# Posterior predictive model check for median SRRT

## Subject 1



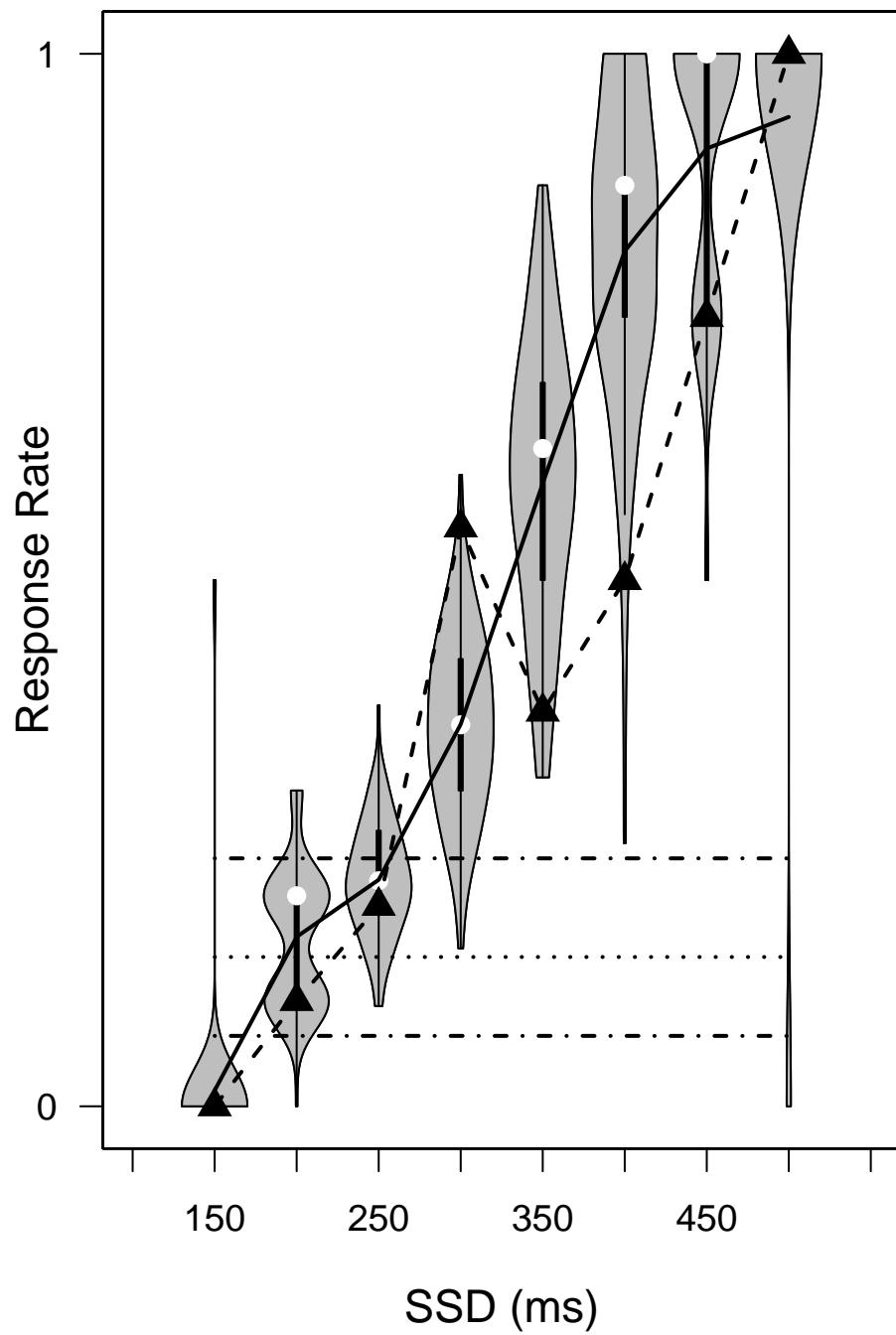
## Posterior predictive p values for inhibition function

**Subject 1**

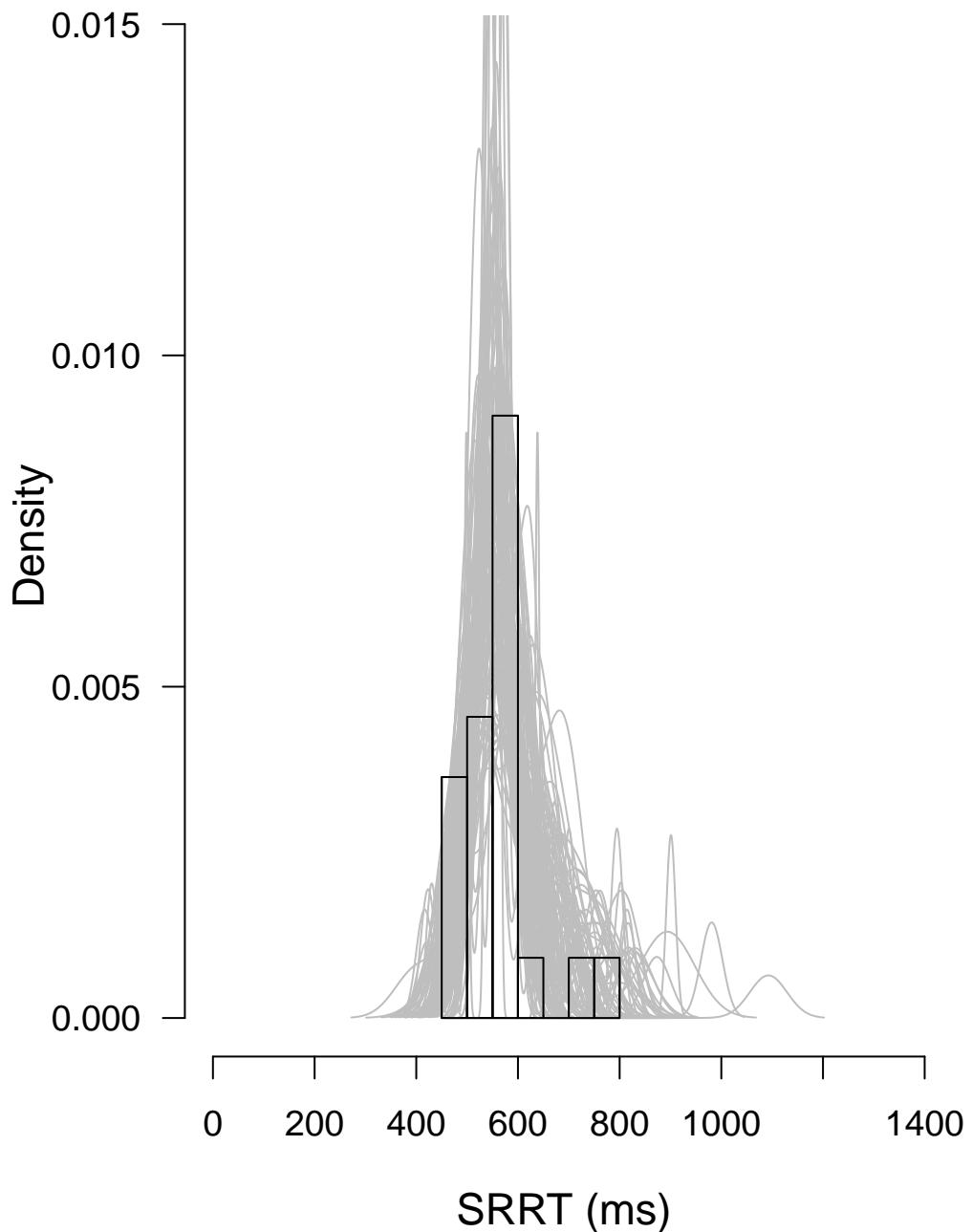
	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400	SSD=450	SSD=500
Number of stop-signal trials	2	10	42	40	16	8	4	1
Observed response rate	0	0.1	0.19	0.55	0.38	0.5	0.75	1
Average predicted response rate	0.02	0.16	0.22	0.36	0.59	0.81	0.91	0.94
One-sided p value	0.03	0.54	0.59	0.01	0.91	0.95	0.67	0.94
Two-sided p value	0.06	0.92	0.82	0.02	0.18	0.1	0.66	0.12

# Posterior predictive model check for inhibition function

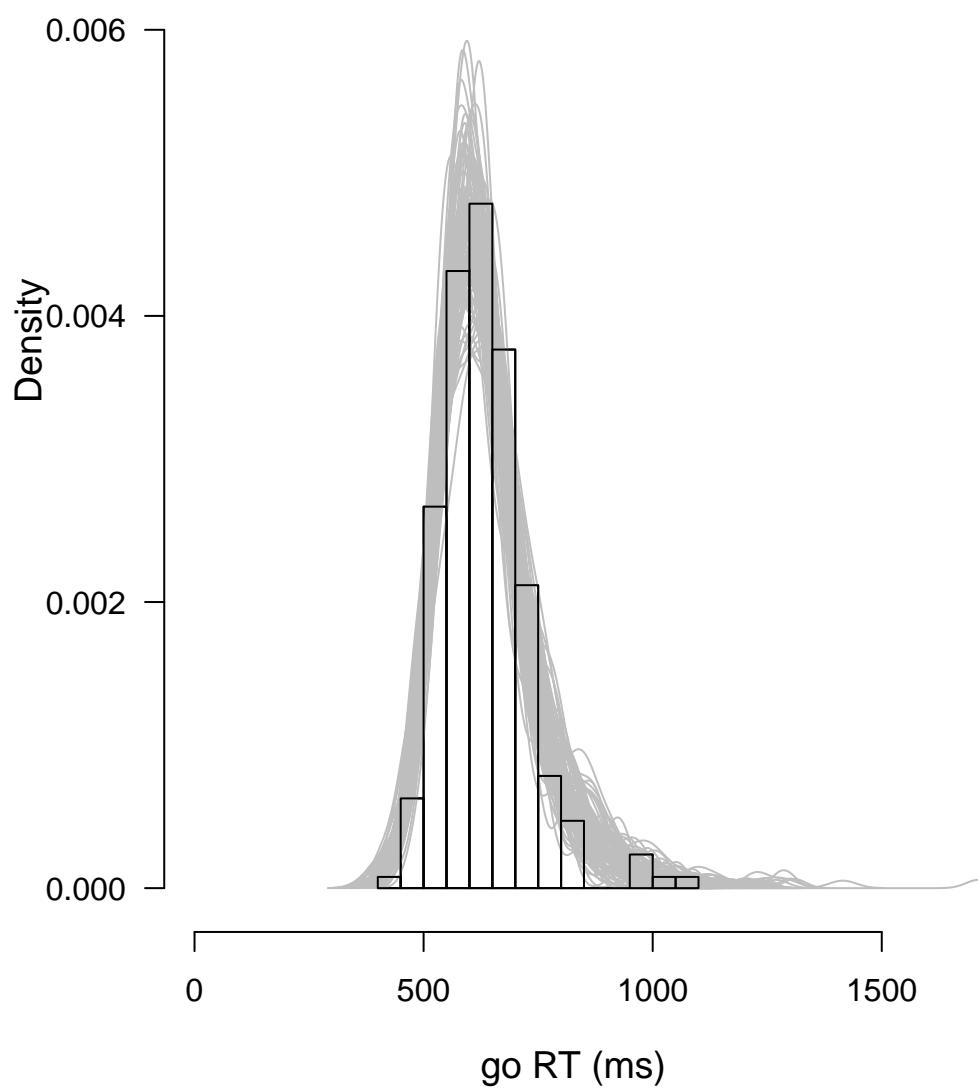
## Subject 1



**Posterior predictive model check for SRRT distribution  
Subject 1  
at SSD = 300**



## Posterior predictive model check for go RT distribution Subject 2



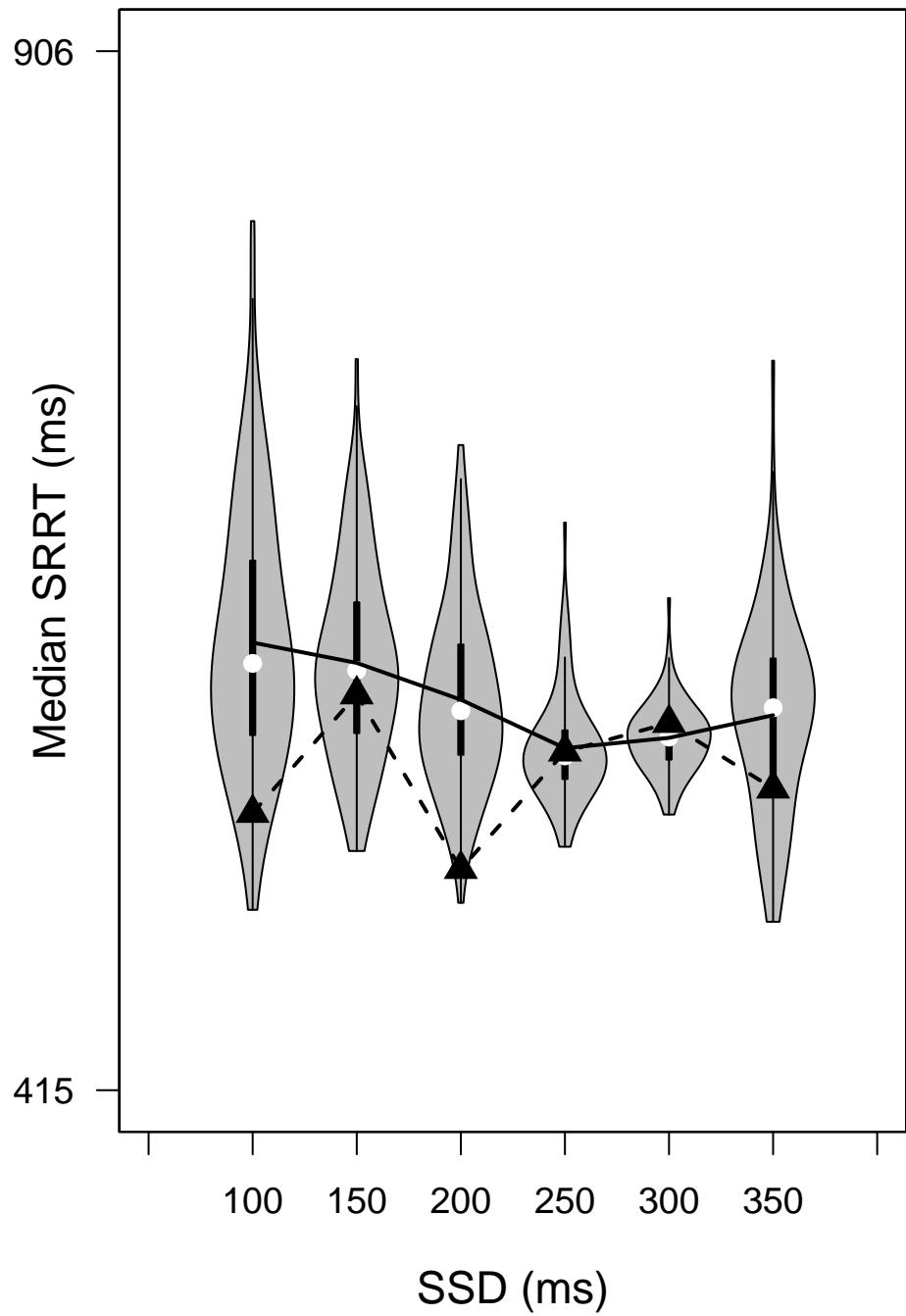
## Posterior predictive p values for median SRRT

**Subject 2**

	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of observed SRRT	2	8	10	17	20	4
Observed median SRRT	546	602	519.5	575	588.5	557.5
Average predicted SRRT	626.52	616.91	599.54	576.63	581.5	592.19
One-sided p value	0.93	0.62	0.99	0.45	0.32	0.77
Two-sided p value	0.14	0.76	0.02	0.9	0.64	0.46

# Posterior predictive model check for median SRRT

## Subject 2



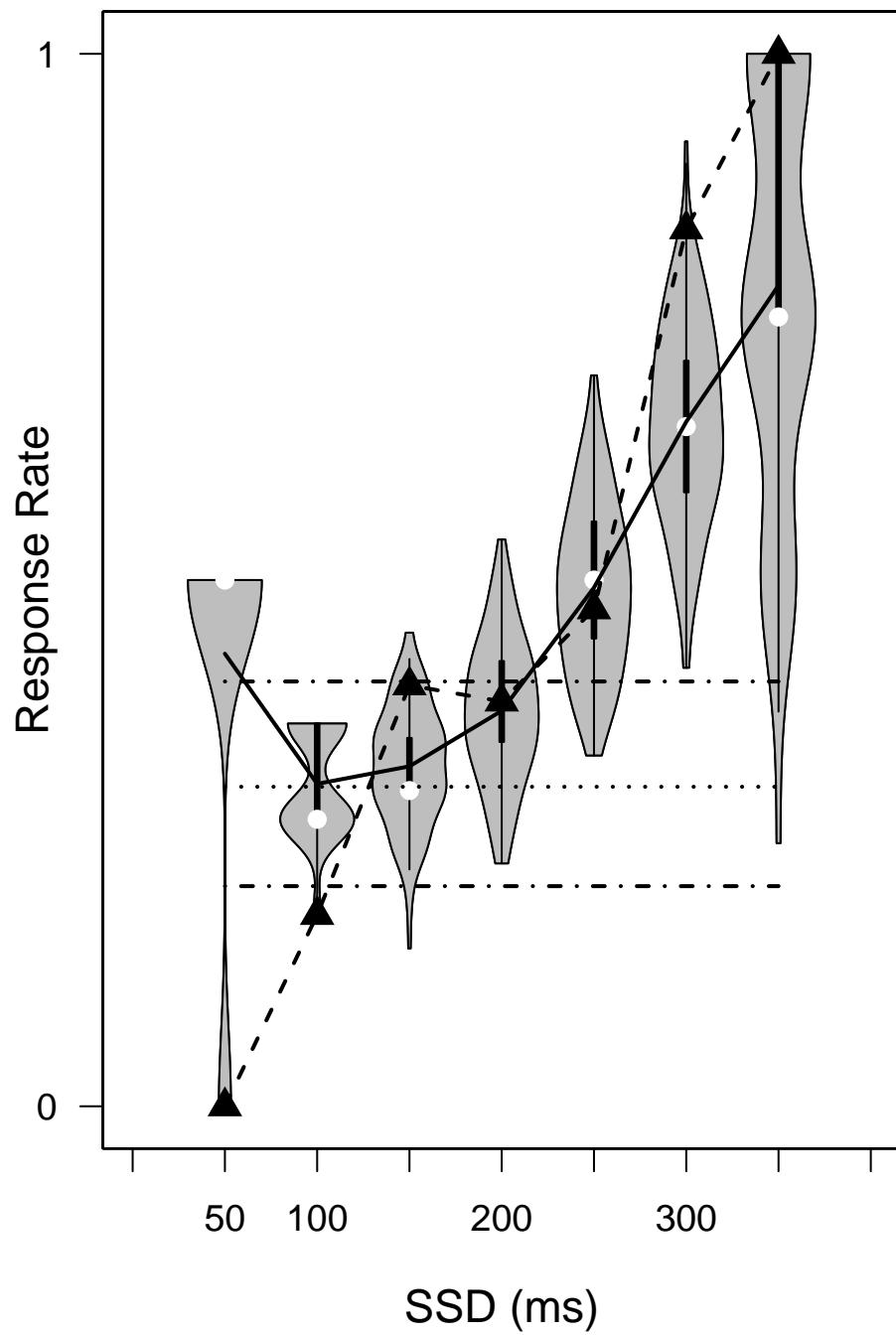
## Posterior predictive p values for inhibition function

### Subject 2

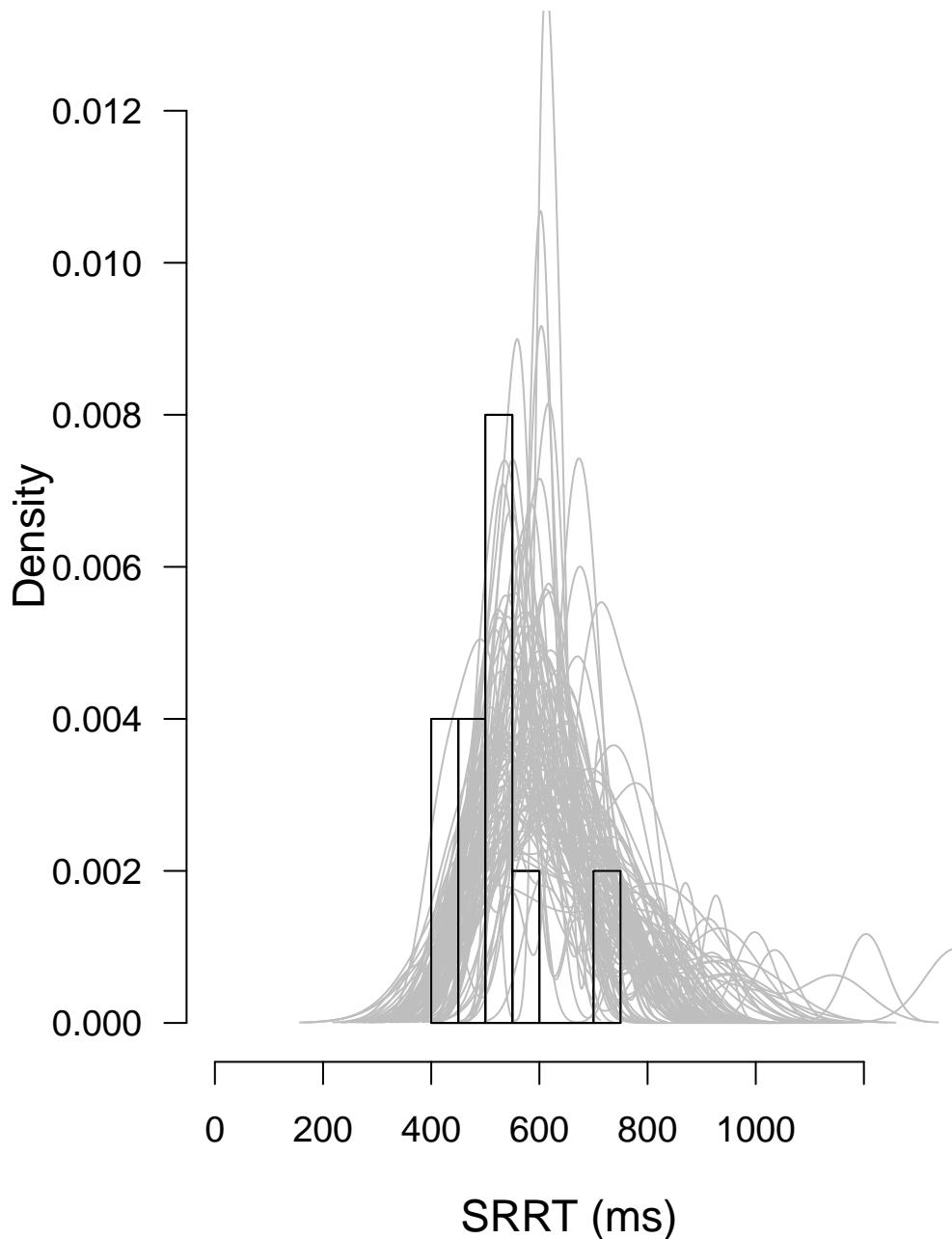
	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of stop-signal trials	2	11	20	26	36	24	4
Observed response rate	0	0.18	0.4	0.38	0.47	0.83	1
Average predicted response rate	0.43	0.31	0.32	0.38	0.49	0.65	0.78
One-sided p value	0.86	0.95	0.02	0.35	0.53	0.01	0.36
Two-sided p value	0.28	0.1	0.04	0.7	0.94	0.02	0.72

# Posterior predictive model check for inhibition function

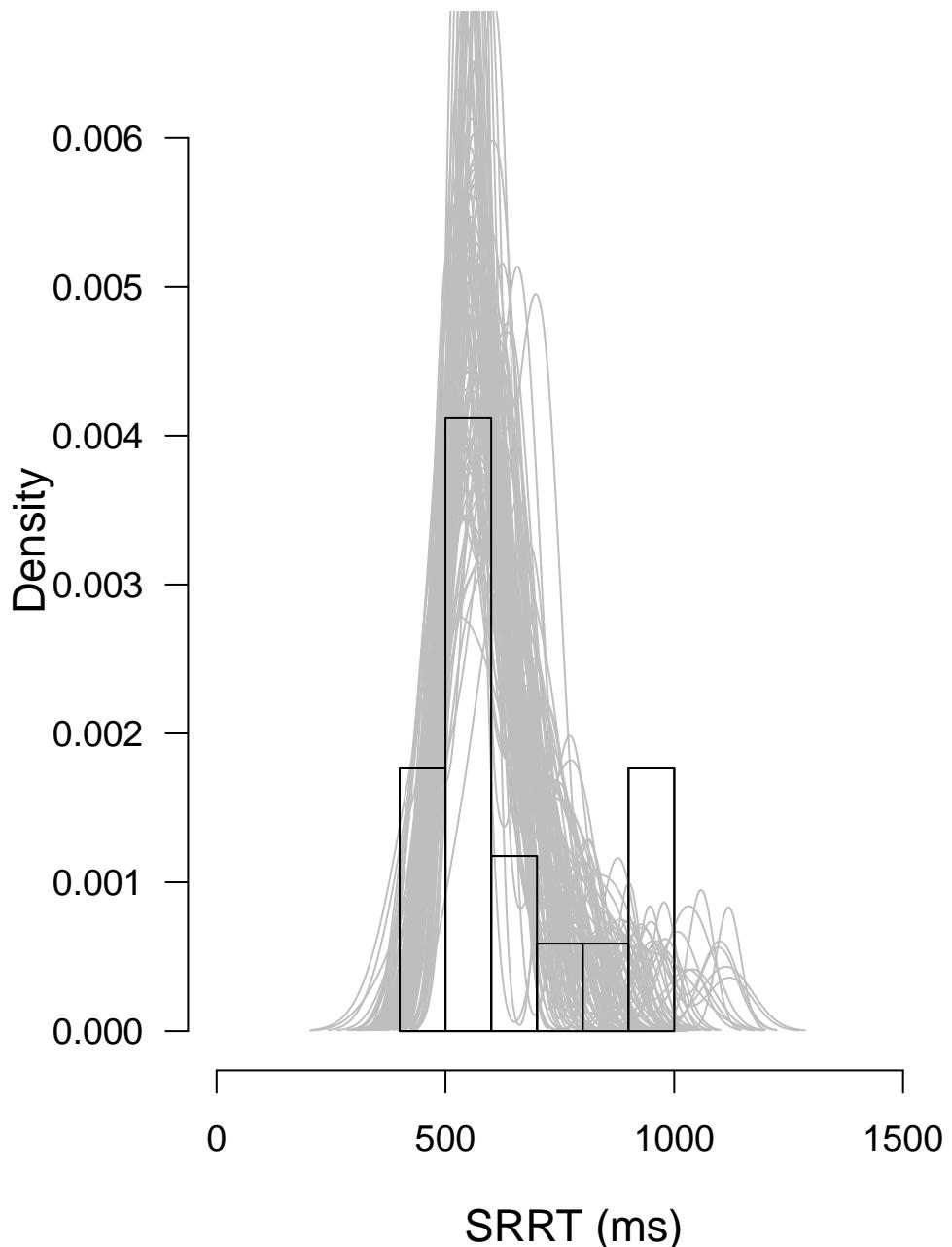
## Subject 2



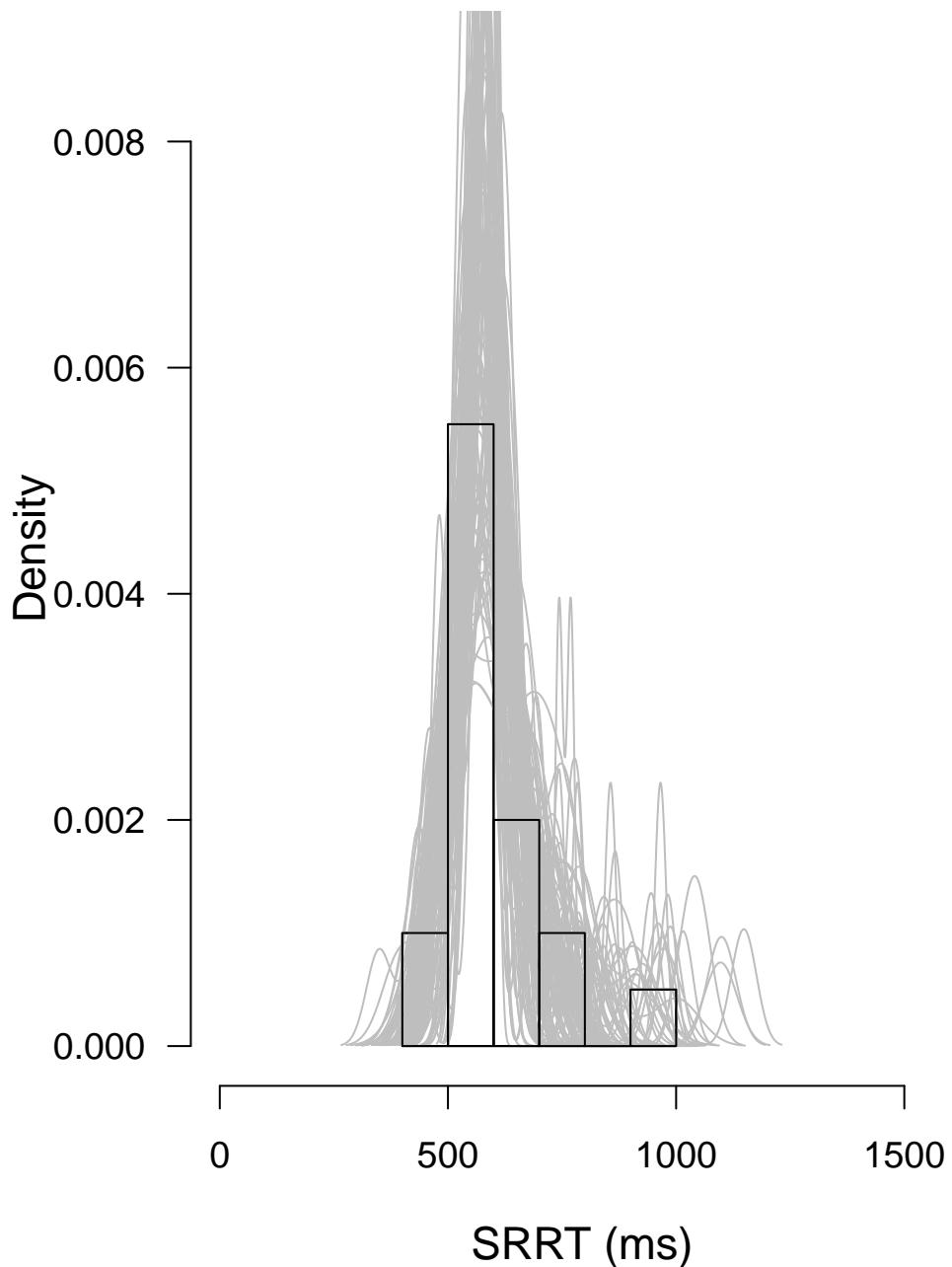
**Posterior predictive model check for SRRT distribution  
Subject 2  
at SSD = 200**



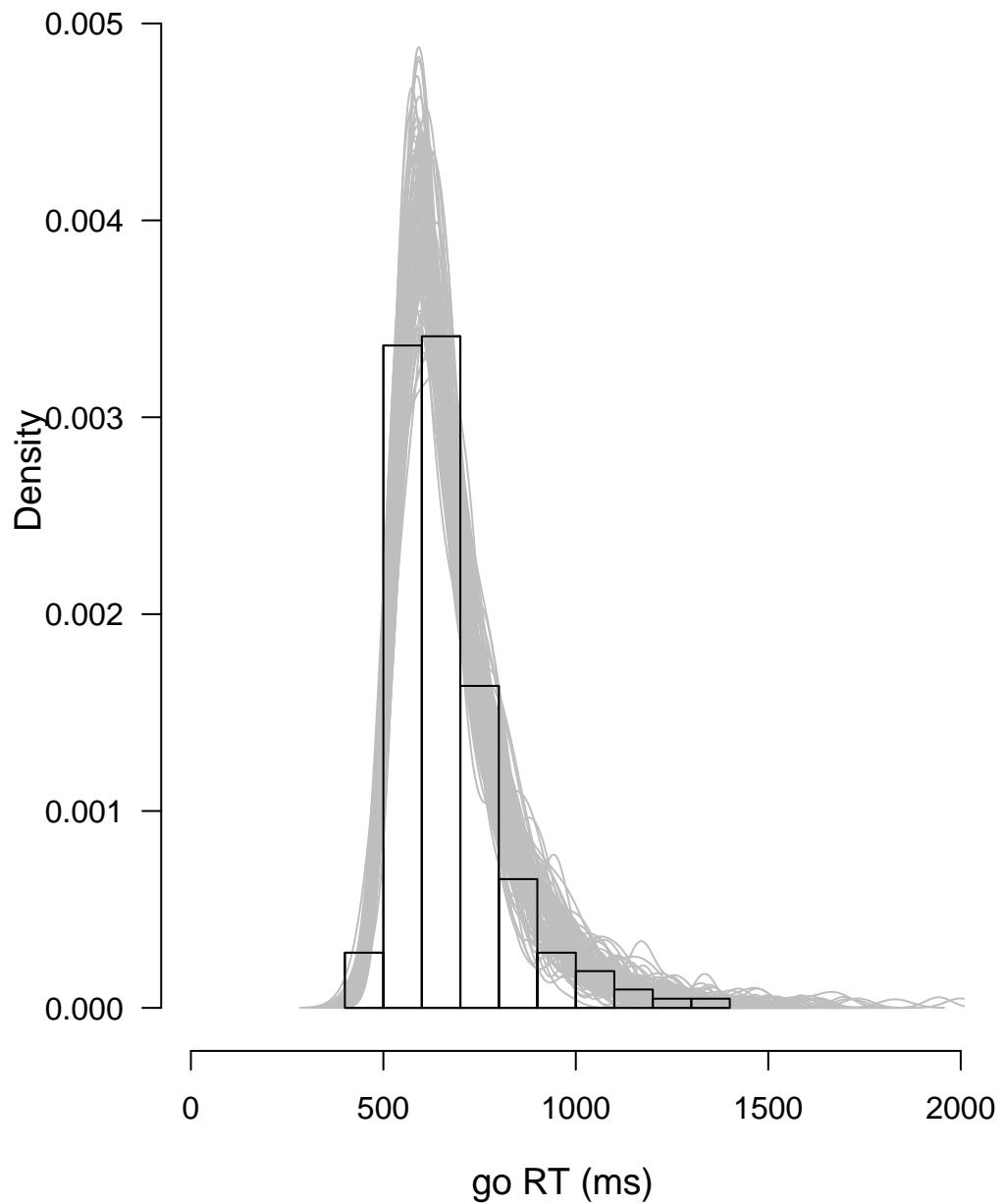
**Posterior predictive model check for SRRT distribution  
Subject 2  
at SSD = 250**



**Posterior predictive model check for SRRT distribution  
Subject 2  
at SSD = 300**



## Posterior predictive model check for go RT distribution Subject 3



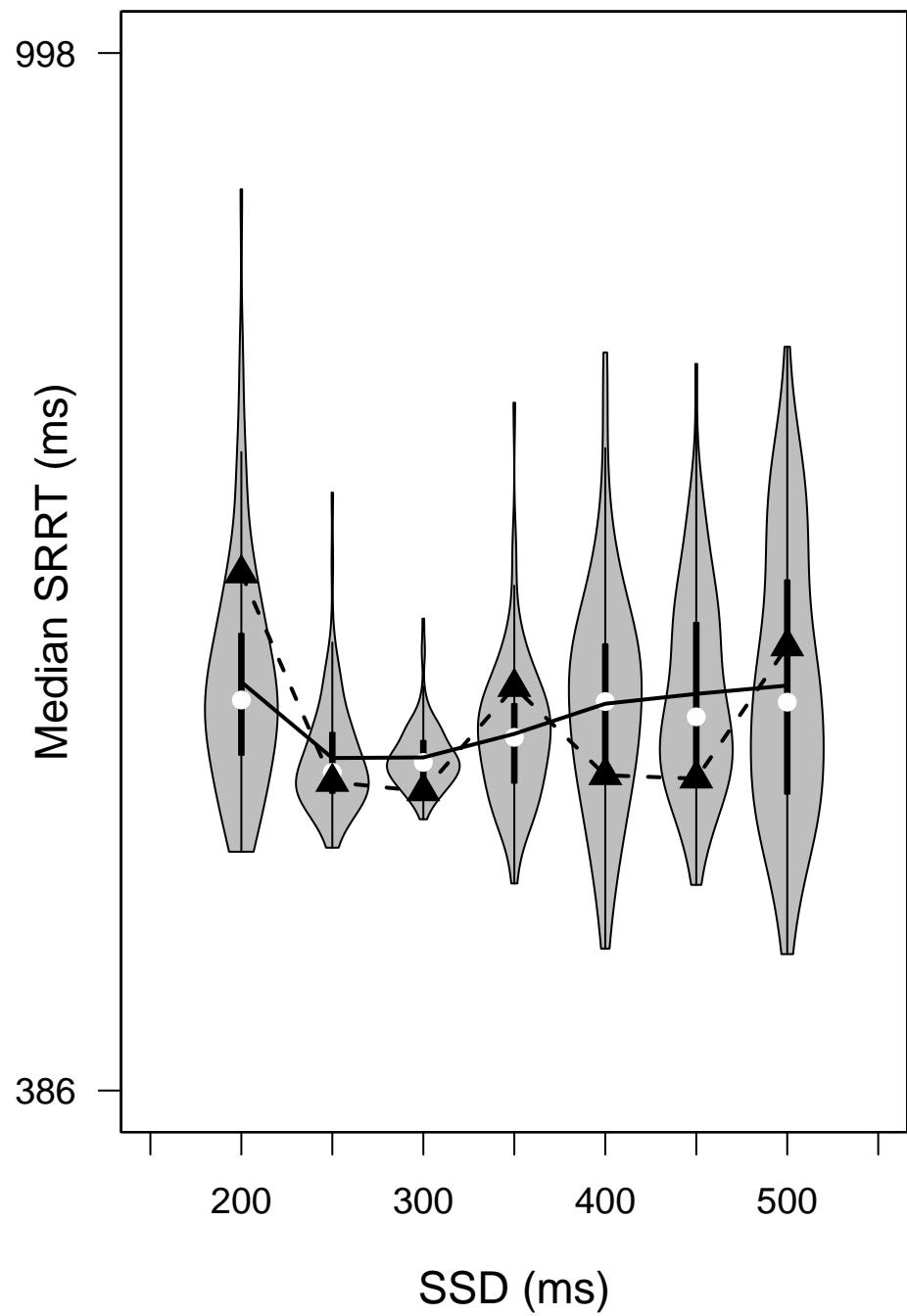
## Posterior predictive p values for median SRRT

### Subject 3

	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400	SSD=450	SSD=500
Number of observed SRRT	8	14	20	3	1	1	1
Observed median SRRT	691	568	562.5	624	572	570	648
Average predicted SRRT	626.98	582.15	582.48	596.39	614.17	619.97	624.9
One-sided p value	0.13	0.59	0.89	0.2	0.75	0.778	0.354
Two-sided p value	0.26	0.82	0.22	0.4	0.5	0.444	0.709

# Posterior predictive model check for median SRRT

## Subject 3



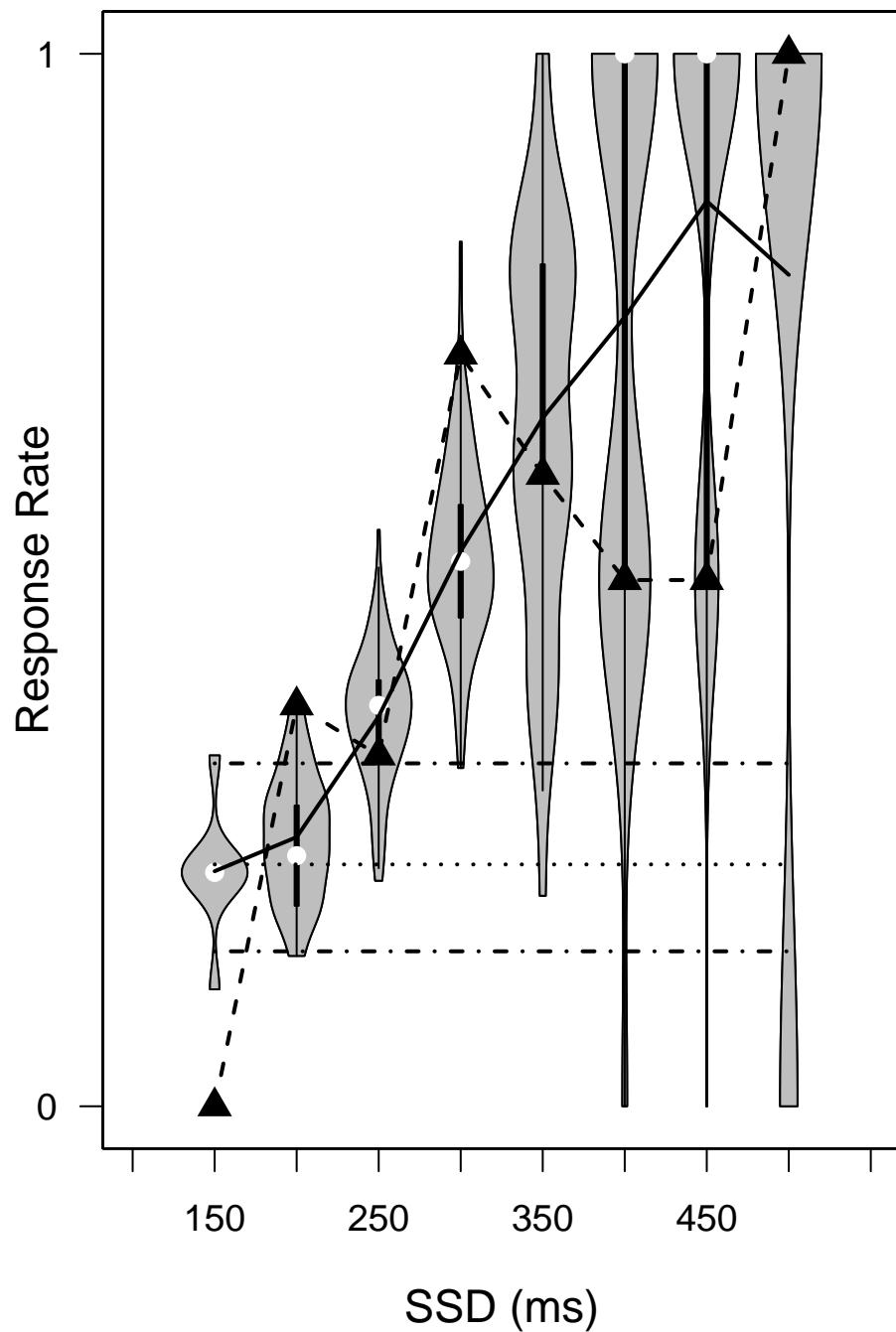
## Posterior predictive p values for inhibition function

### Subject 3

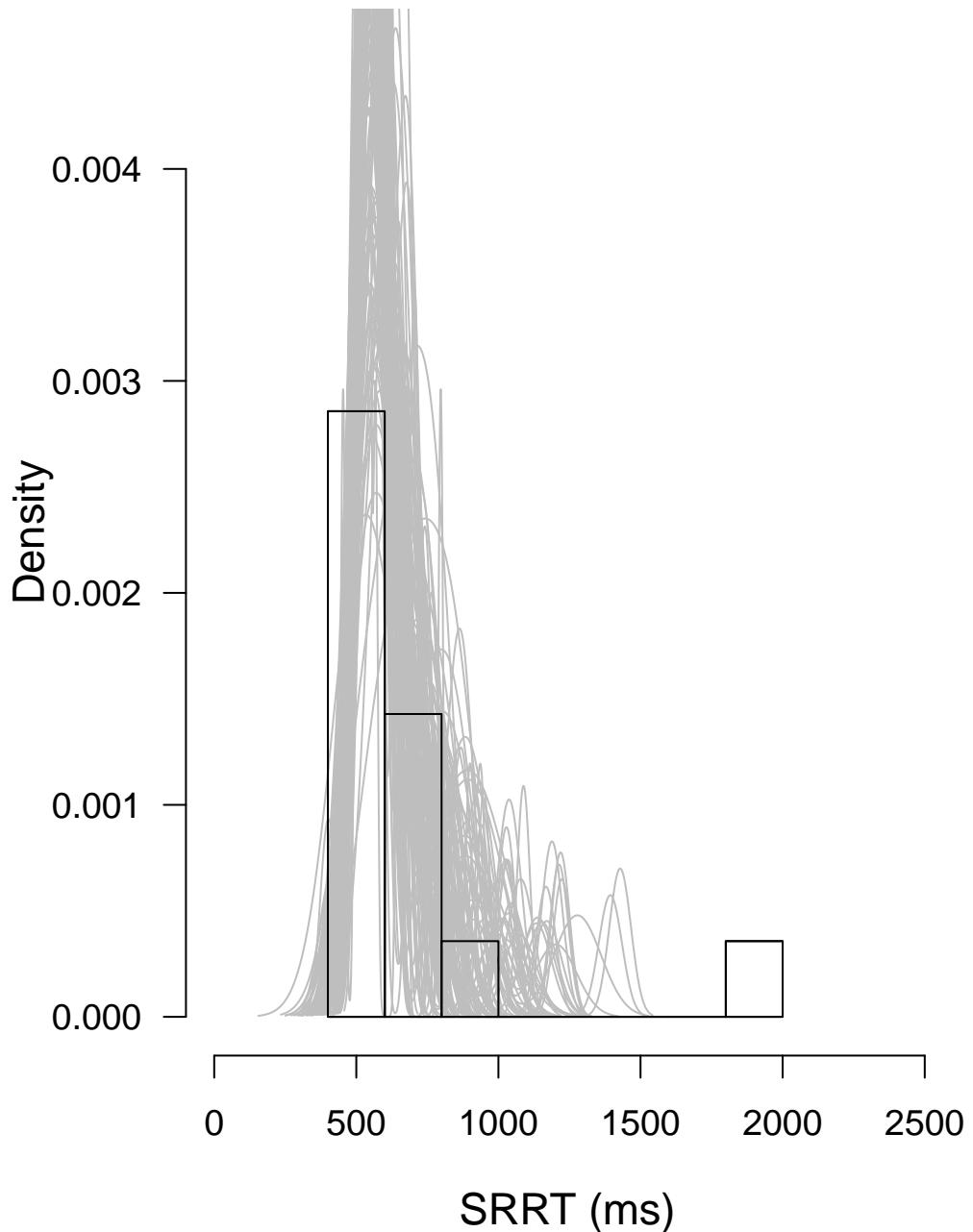
	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400	SSD=450	SSD=500
Number of stop-signal trials	9	21	42	28	5	2	2	1
Observed response rate	0	0.38	0.33	0.71	0.6	0.5	0.5	1
Average predicted response rate	0.22	0.26	0.37	0.53	0.65	0.75	0.86	0.79
One-sided p value	1	0	0.72	0.02	0.45	0.54	0.73	0.79
Two-sided p value	0	0	0.56	0.04	0.9	0.92	0.54	0.42

# Posterior predictive model check for inhibition function

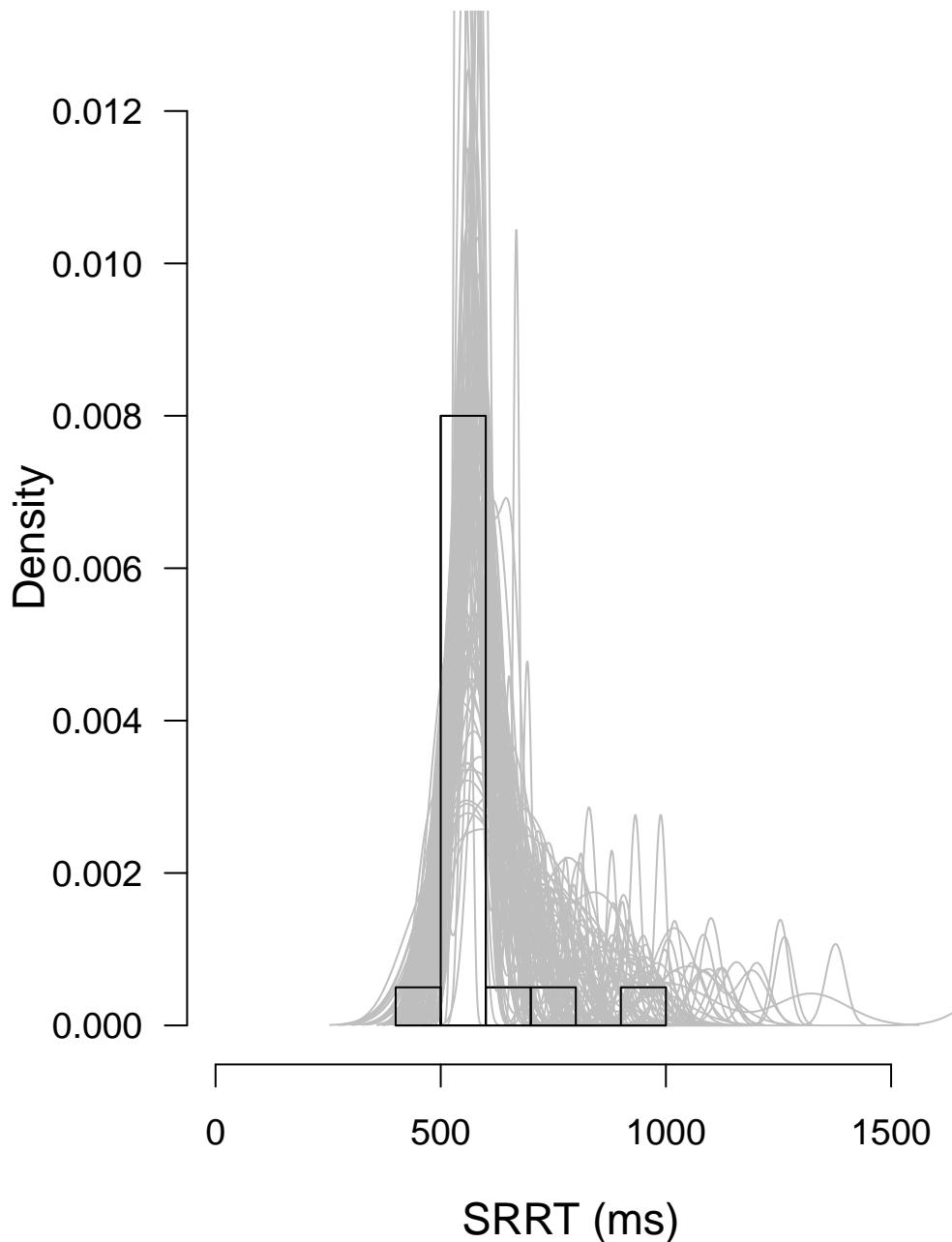
## Subject 3



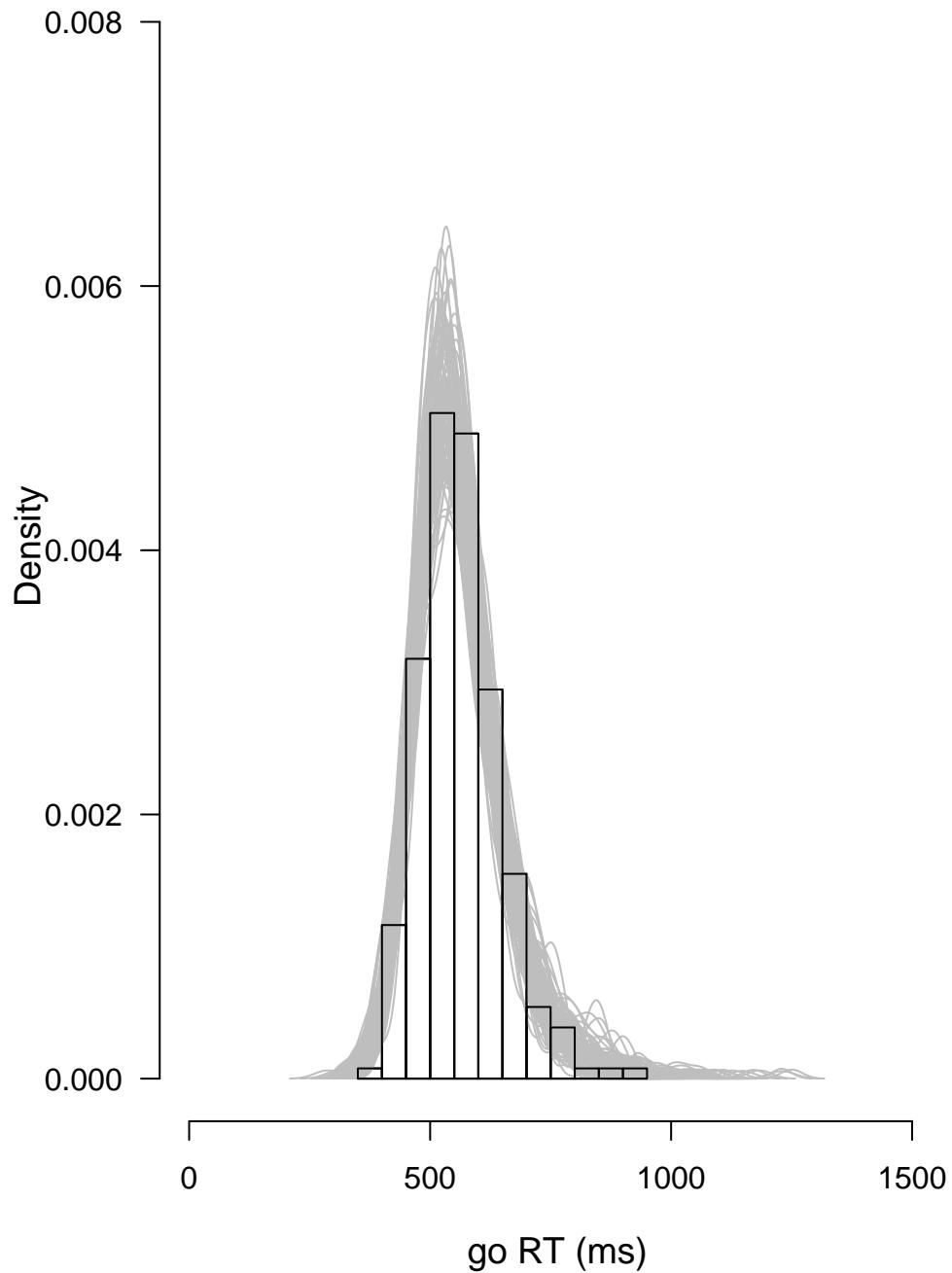
**Posterior predictive model check for SRRT distribution  
Subject 3  
at SSD = 250**



**Posterior predictive model check for SRRT distribution  
Subject 3  
at SSD = 300**



## Posterior predictive model check for go RT distribution Subject 4



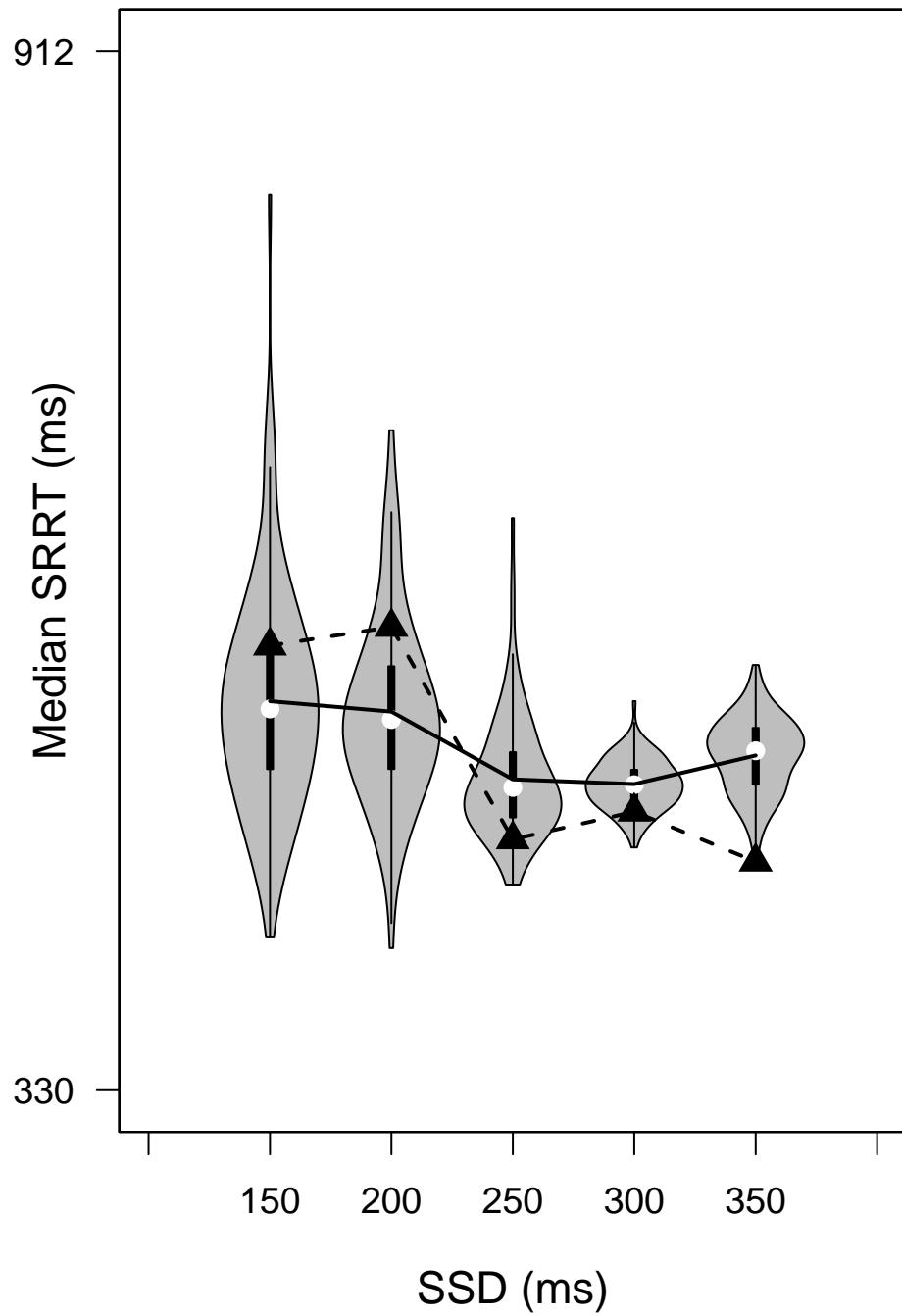
## Posterior predictive p values for median SRRT

Subject 4

	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of observed SRRT	3	6	14	18	10
Observed median SRRT	579	589.5	470.5	486	458
Average predicted SRRT	547.91	542.06	504.11	501.48	517.48
One-sided p value	0.25	0.17	0.92	0.87	1
Two-sided p value	0.5	0.34	0.16	0.26	0

# Posterior predictive model check for median SRRT

## Subject 4



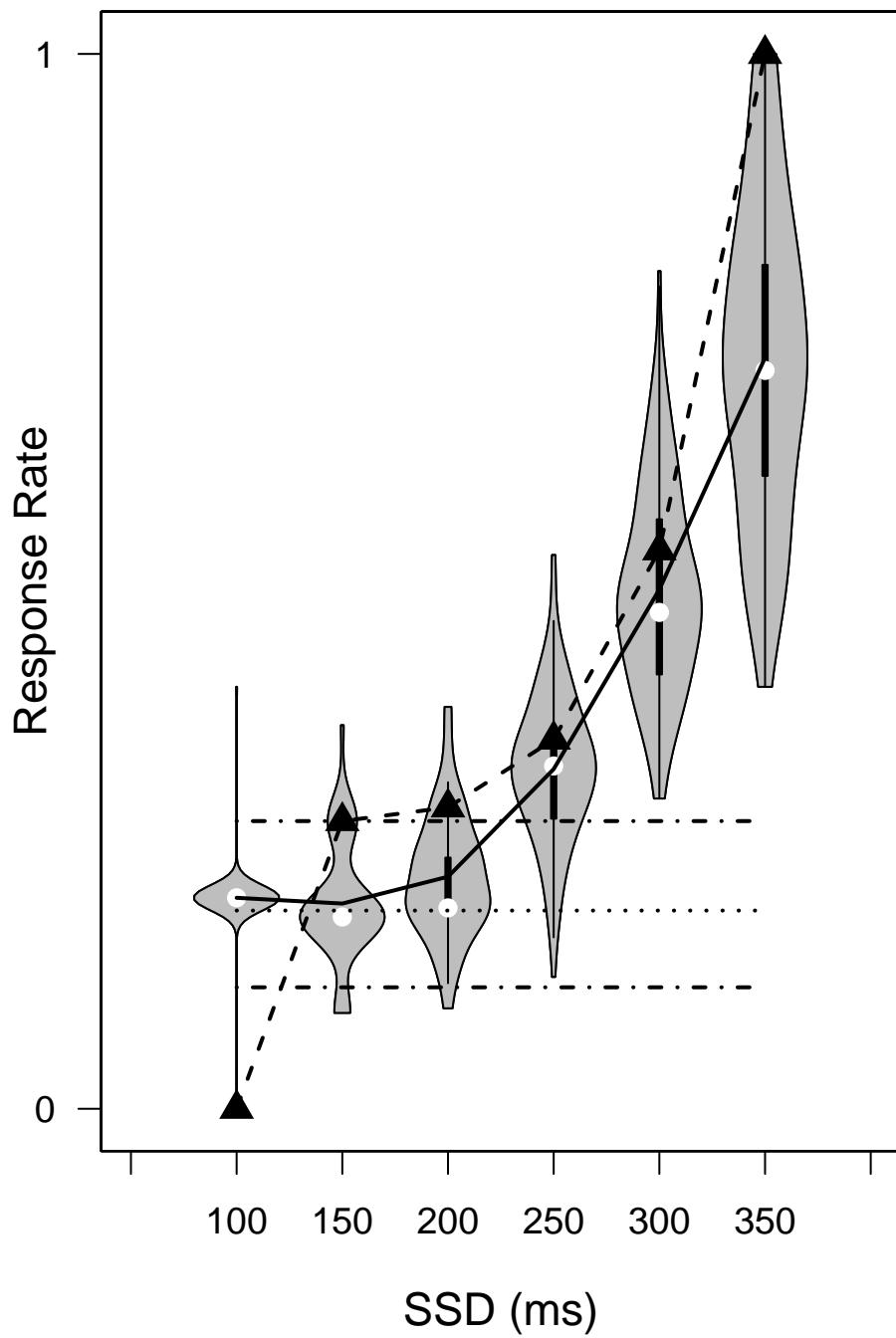
### Posterior predictive p values for inhibition function

Subject 4

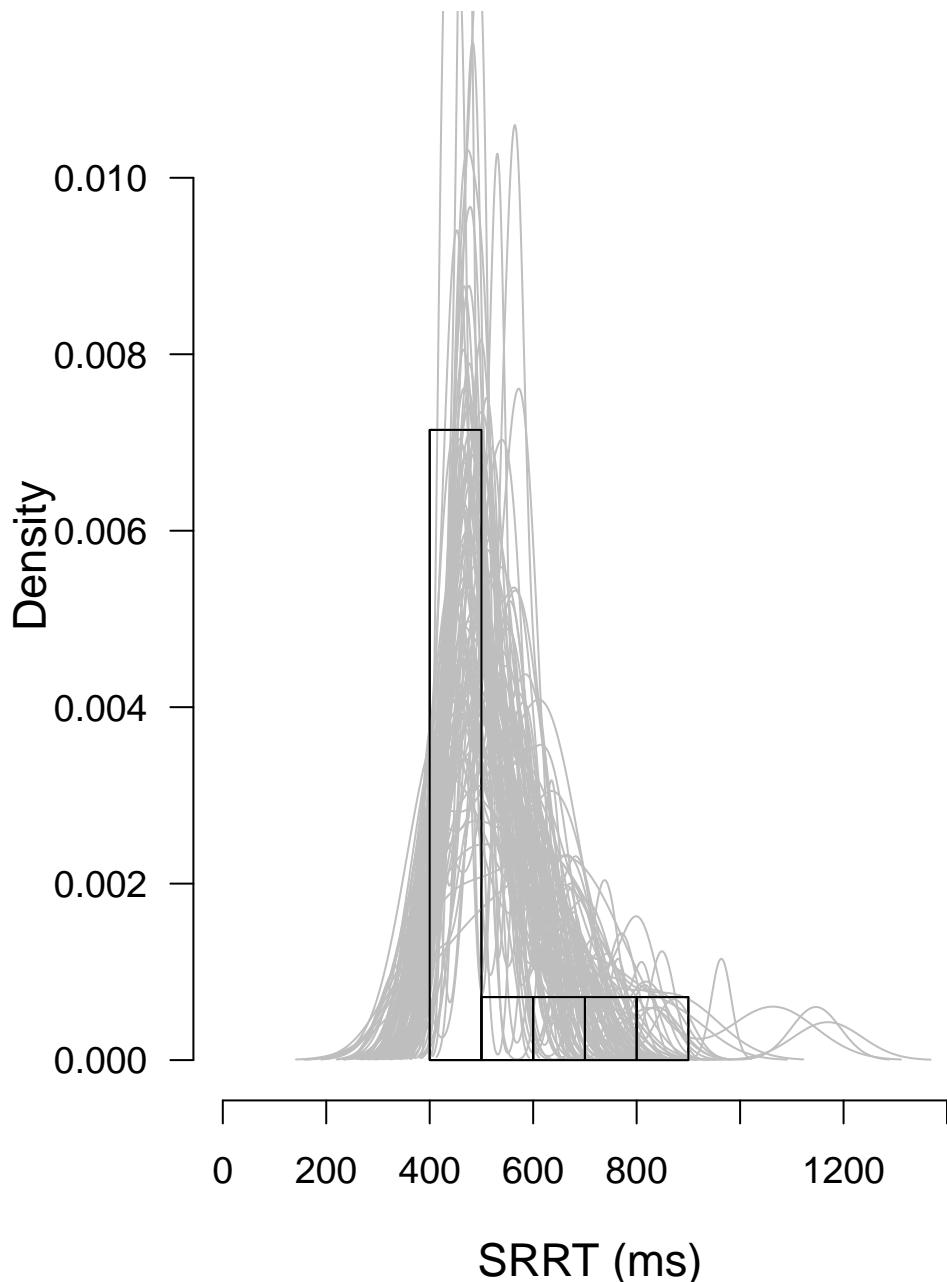
	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of stop-signal trials	5	11	21	40	34	10
Observed response rate	0	0.27	0.29	0.35	0.53	1
Average predicted response rate	0.2	0.19	0.22	0.32	0.49	0.71
One-sided p value	0.99	0.02	0.06	0.24	0.28	0.07
Two-sided p value	0.02	0.04	0.12	0.48	0.56	0.14

# Posterior predictive model check for inhibition function

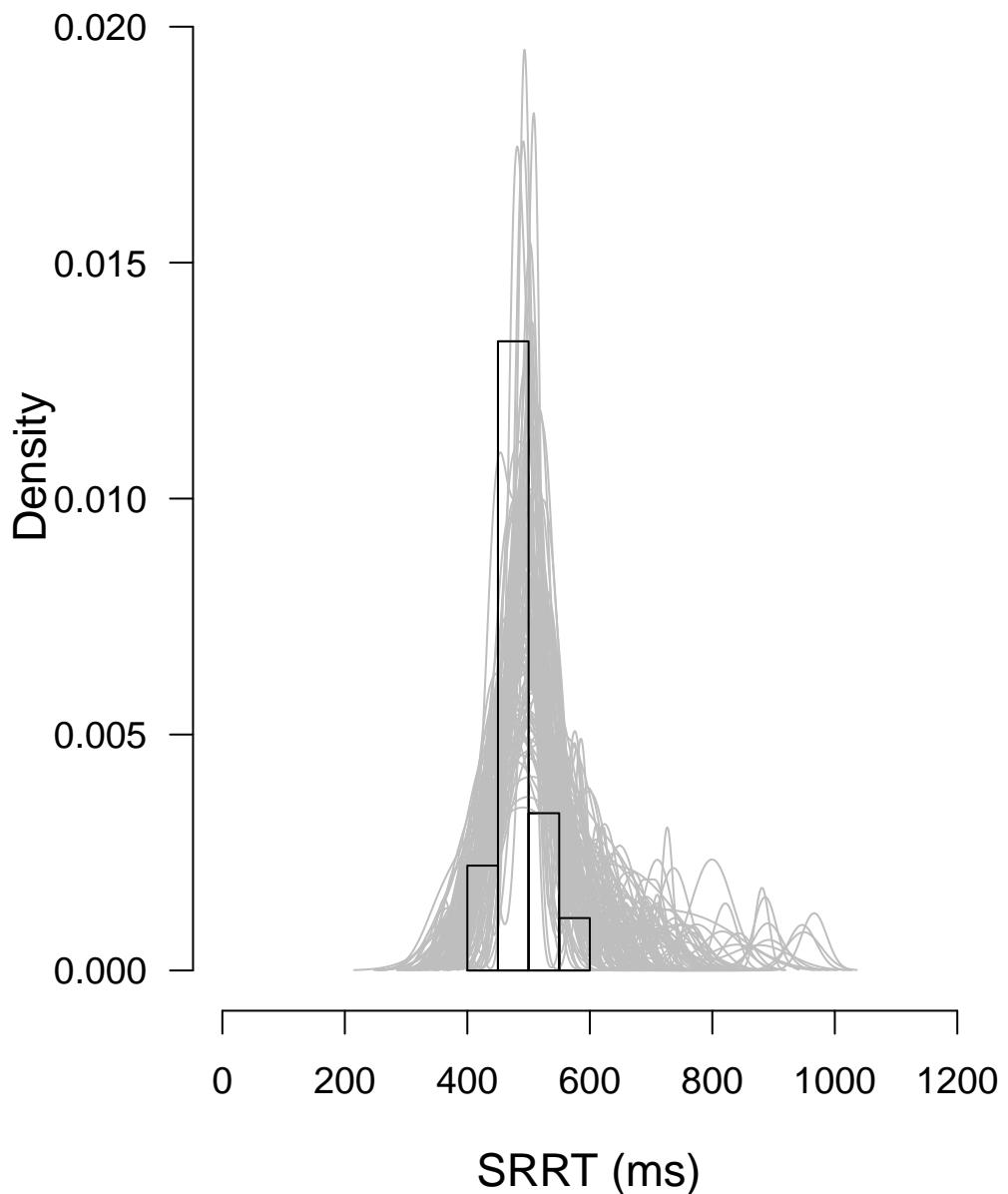
## Subject 4



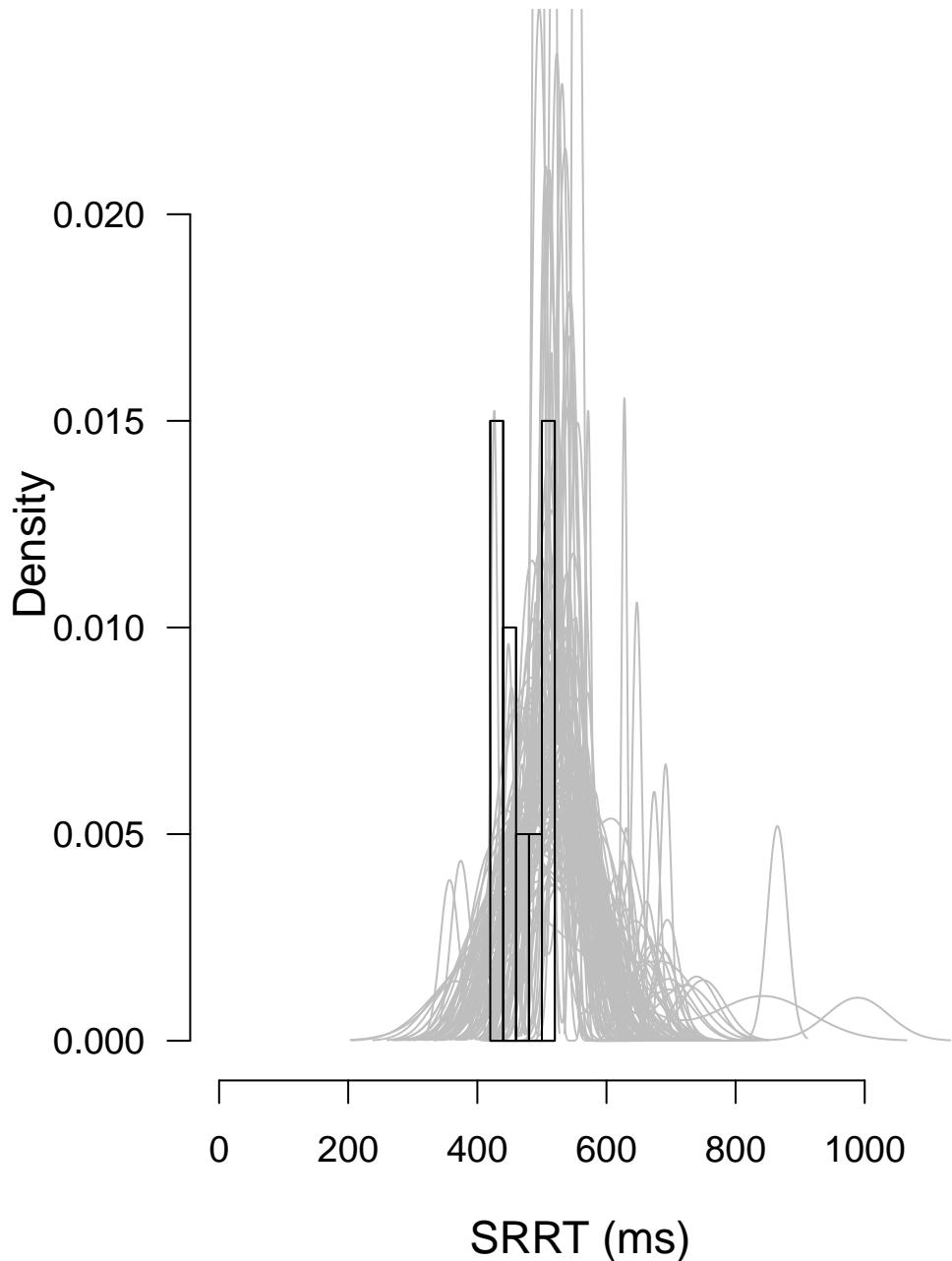
**Posterior predictive model check for SRRT distribution  
Subject 4  
at SSD = 250**



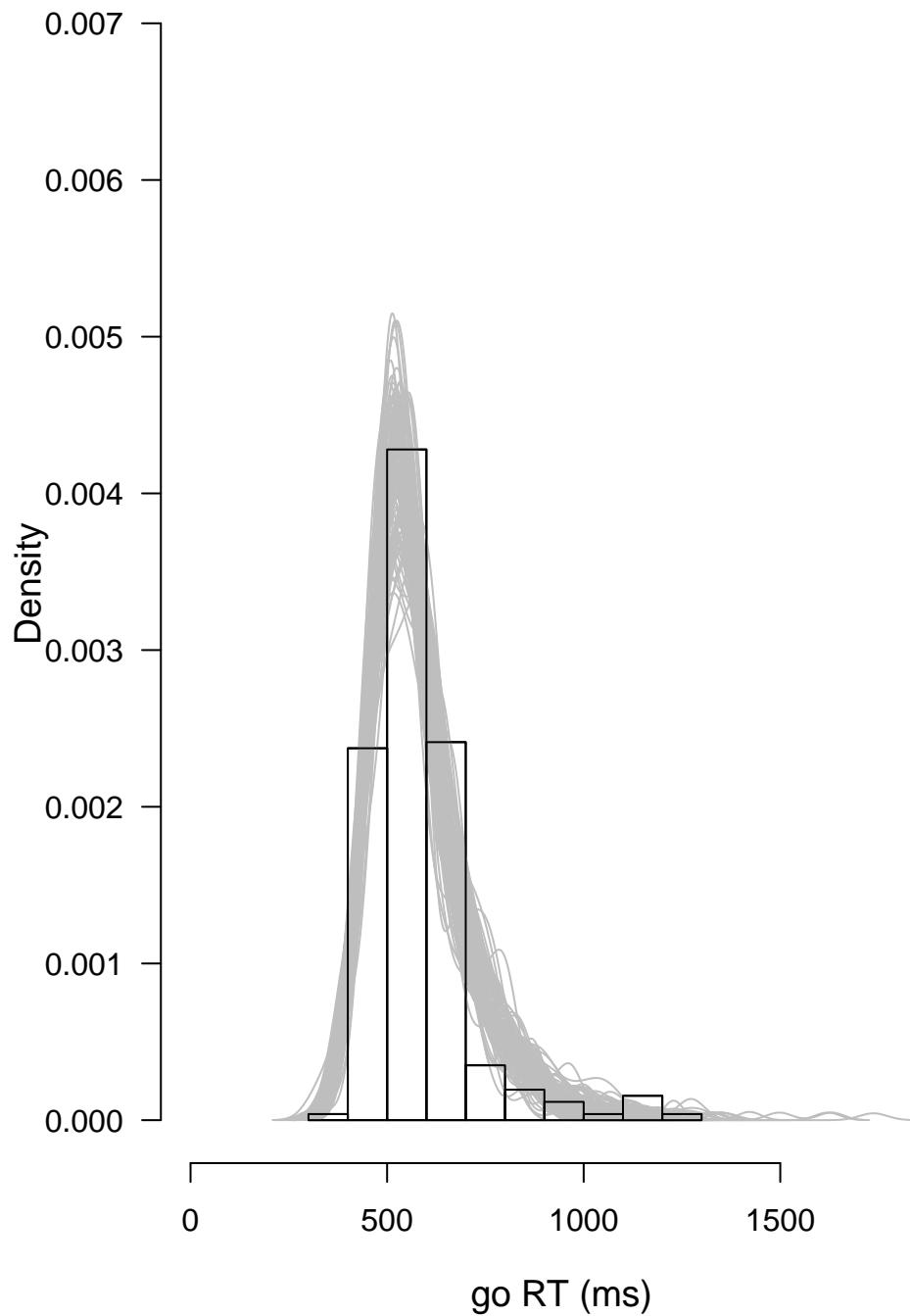
**Posterior predictive model check for SRRT distribution  
Subject 4  
at SSD = 300**



**Posterior predictive model check for SRRT distribution  
Subject 4  
at SSD = 350**



## Posterior predictive model check for go RT distribution Subject 5



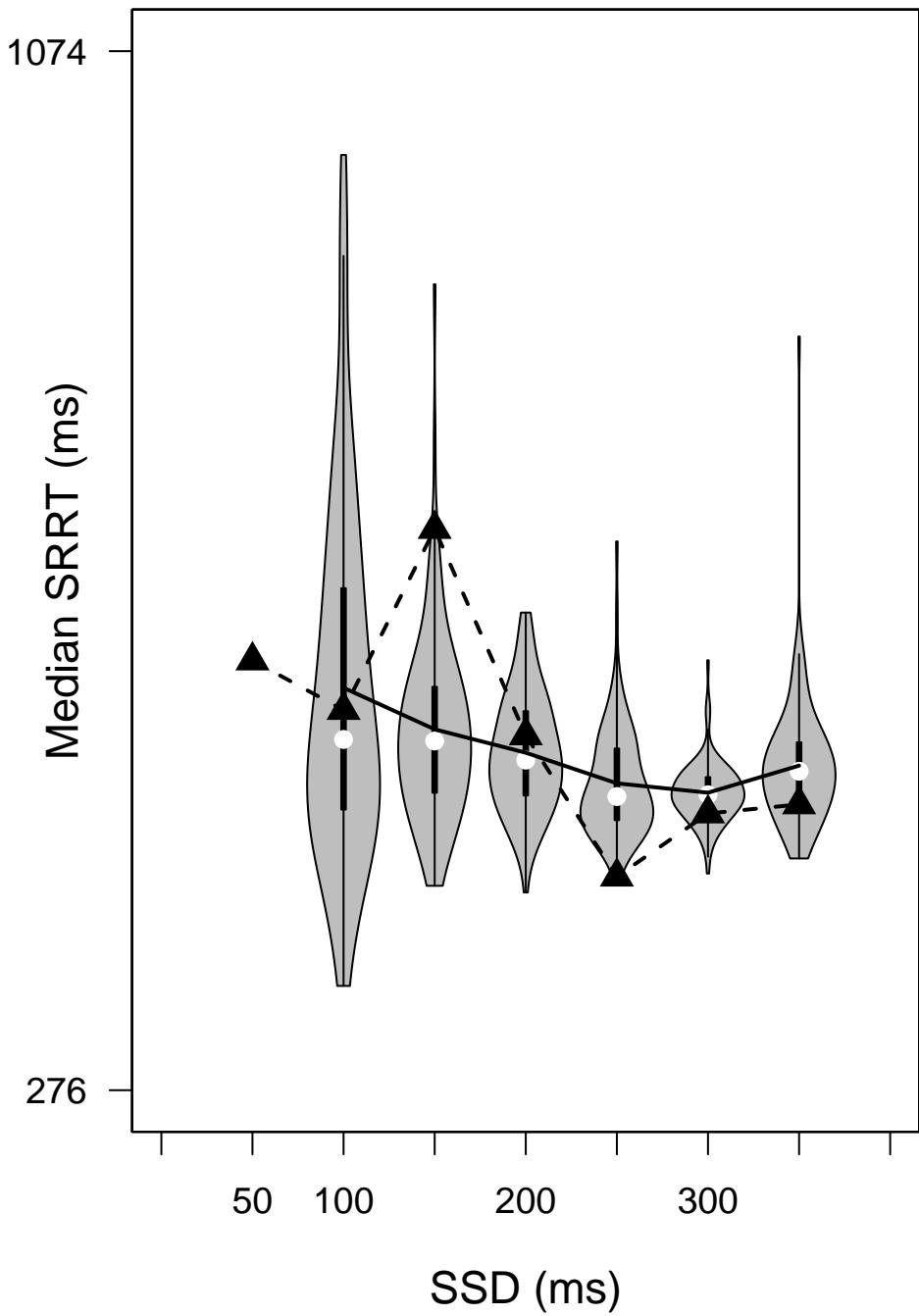
## Posterior predictive p values for median SRRT

### Subject 5

	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of observed SRRT	1	1	2	8	13	22	8
Observed median SRRT	606	568	707	548.5	440	488.5	495.5
Average predicted SRRT	NaN	585.05	553.15	535.2	511.68	504.48	525.27
One-sided p value	NaN	0.475	0.02	0.35	1	0.79	0.76
Two-sided p value	NaN	0.949	0.04	0.7	0	0.42	0.48

# Posterior predictive model check for median SRRT

## Subject 5

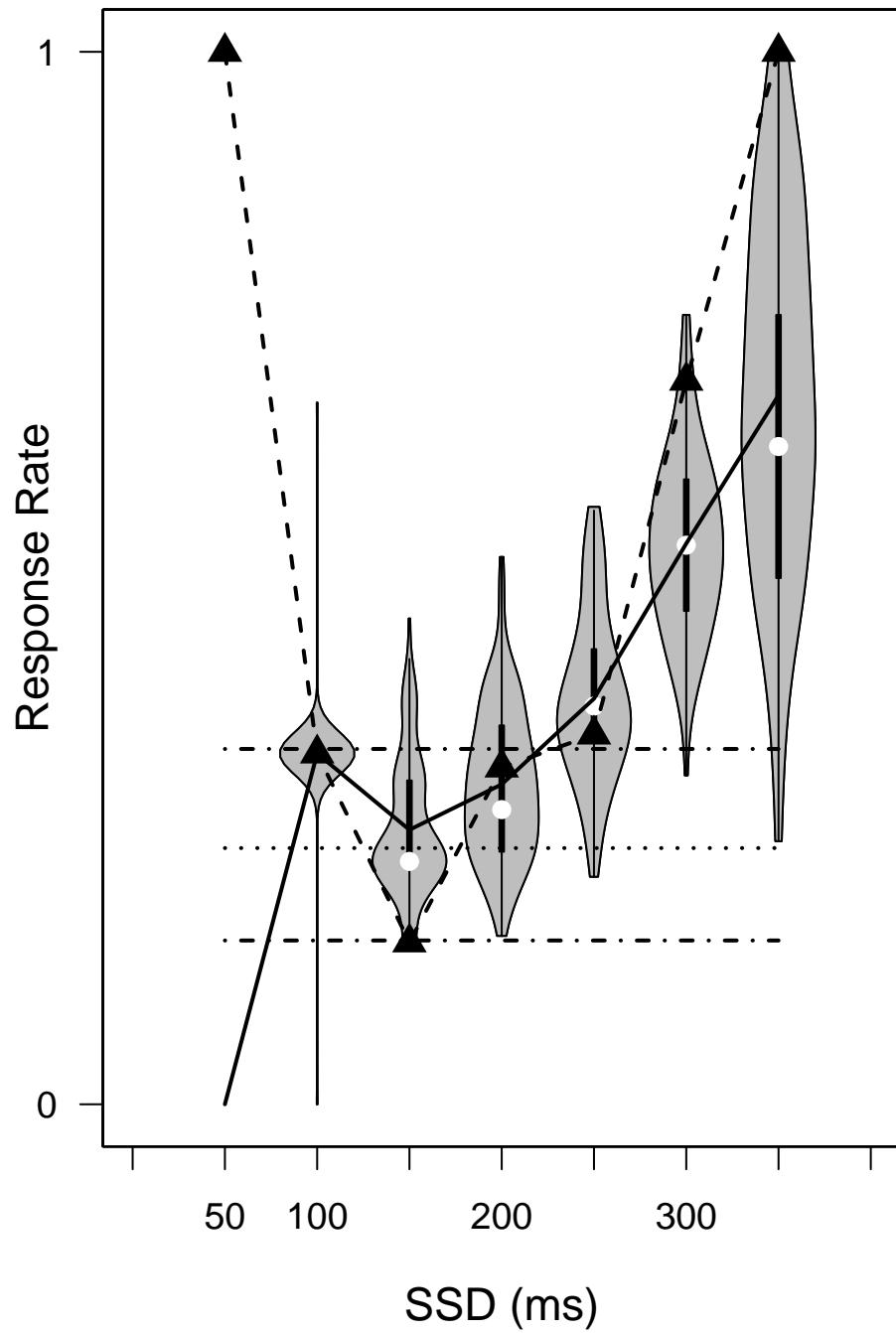


Posterior predictive p values for inhibition function  
**Subject 5**

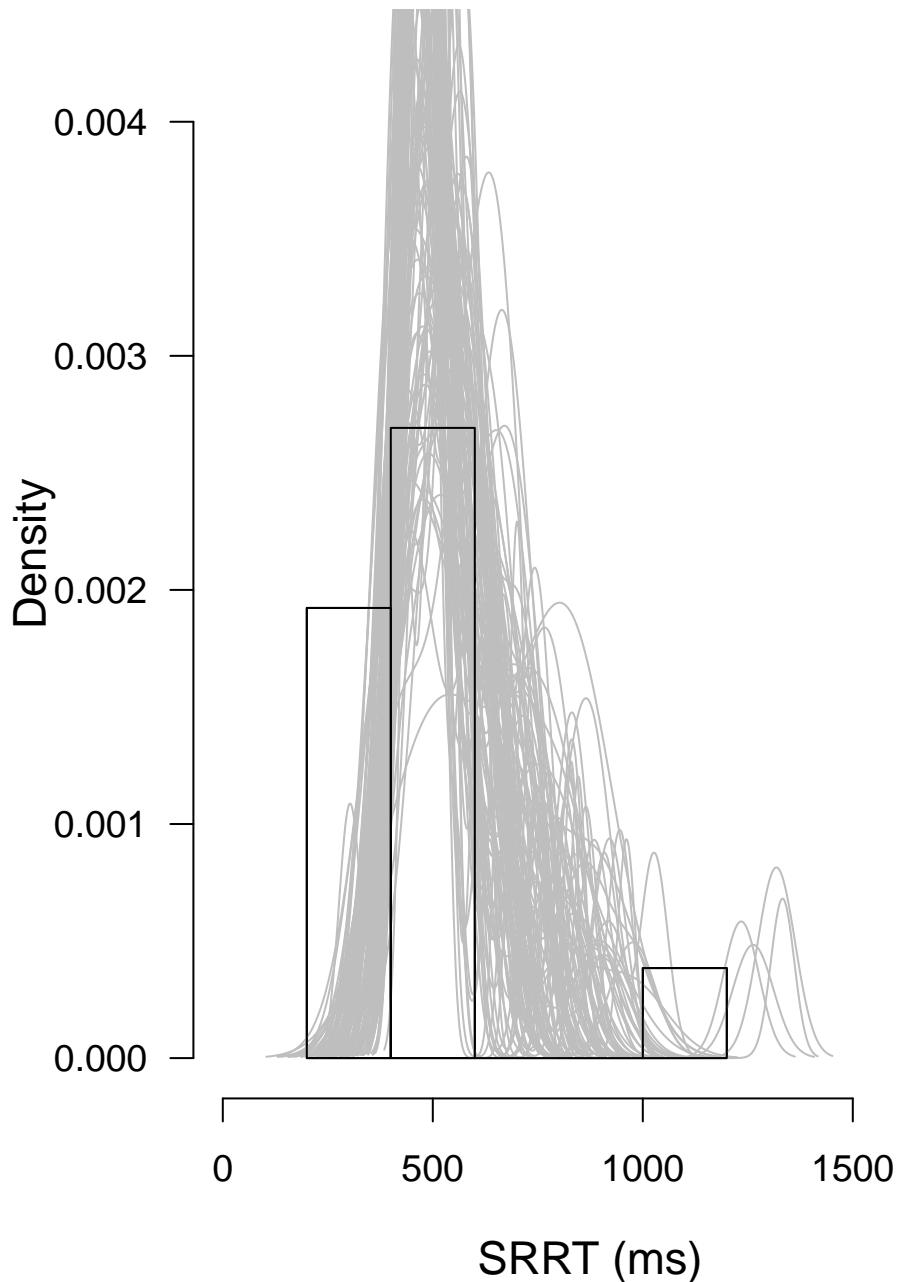
	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of stop-signal trials	1	3	13	25	37	32	8
Observed response rate	1	0.33	0.15	0.32	0.35	0.69	1
Average predicted response rate	0	0.33	0.26	0.3	0.39	0.53	0.67
One-sided p value	0	0.01	0.91	0.29	0.56	0.03	0.05
Two-sided p value	0	0.02	0.18	0.58	0.88	0.06	0.1

# Posterior predictive model check for inhibition function

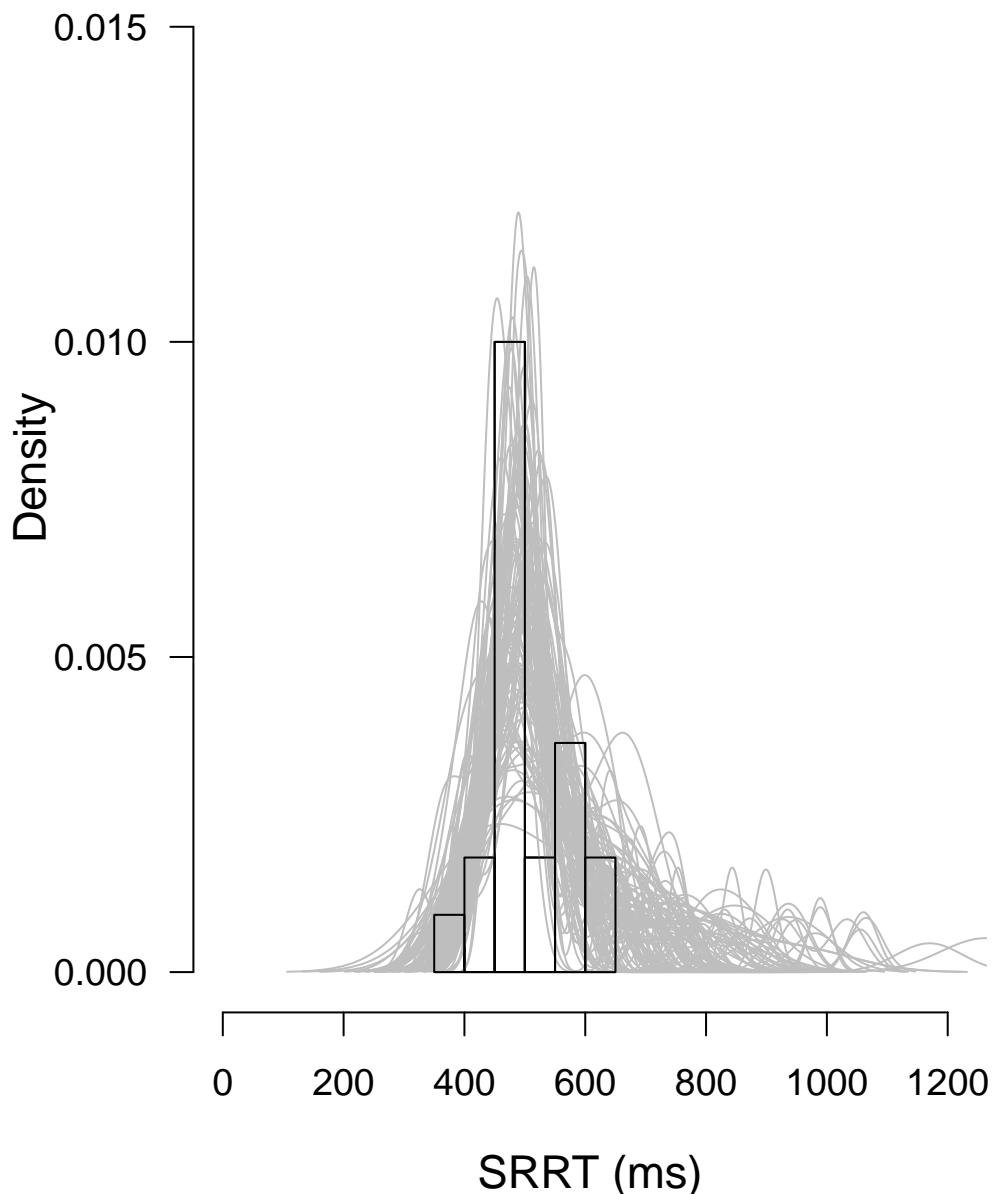
## Subject 5



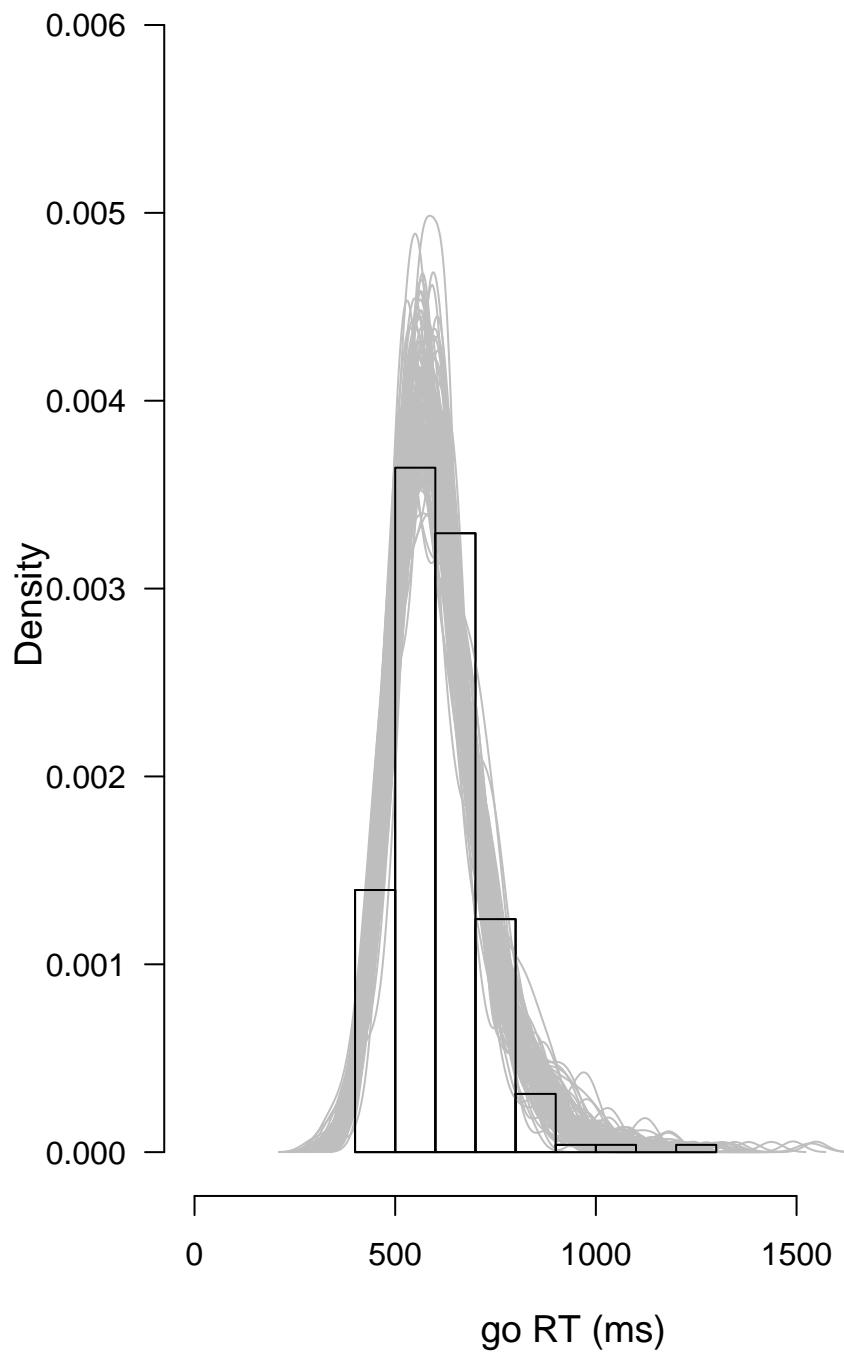
**Posterior predictive model check for SRRT distribution  
Subject 5  
at SSD = 250**



**Posterior predictive model check for SRRT distribution  
Subject 5  
at SSD = 300**



## Posterior predictive model check for go RT distribution Subject 6



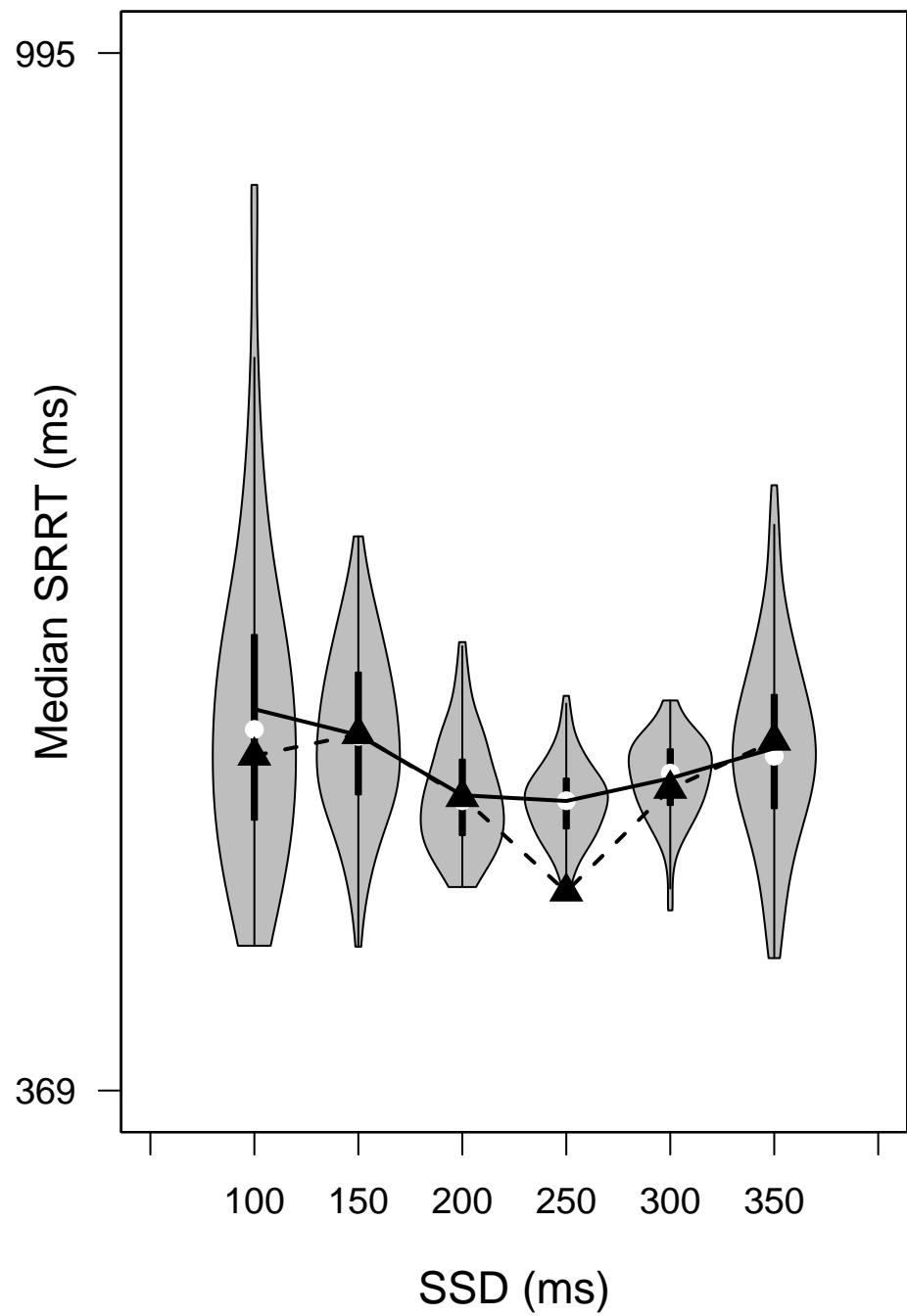
## Posterior predictive p values for median SRRT

### Subject 6

	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of observed SRRT	1	5	17	23	15	3
Observed median SRRT	571	584	546	489	551	580
Average predicted SRRT	599.07	583.46	547.18	543.7	557.39	575.52
One-sided p value	0.56	0.49	0.46	1	0.61	0.46
Two-sided p value	0.88	0.98	0.92	0	0.78	0.92

# Posterior predictive model check for median SRRT

## Subject 6

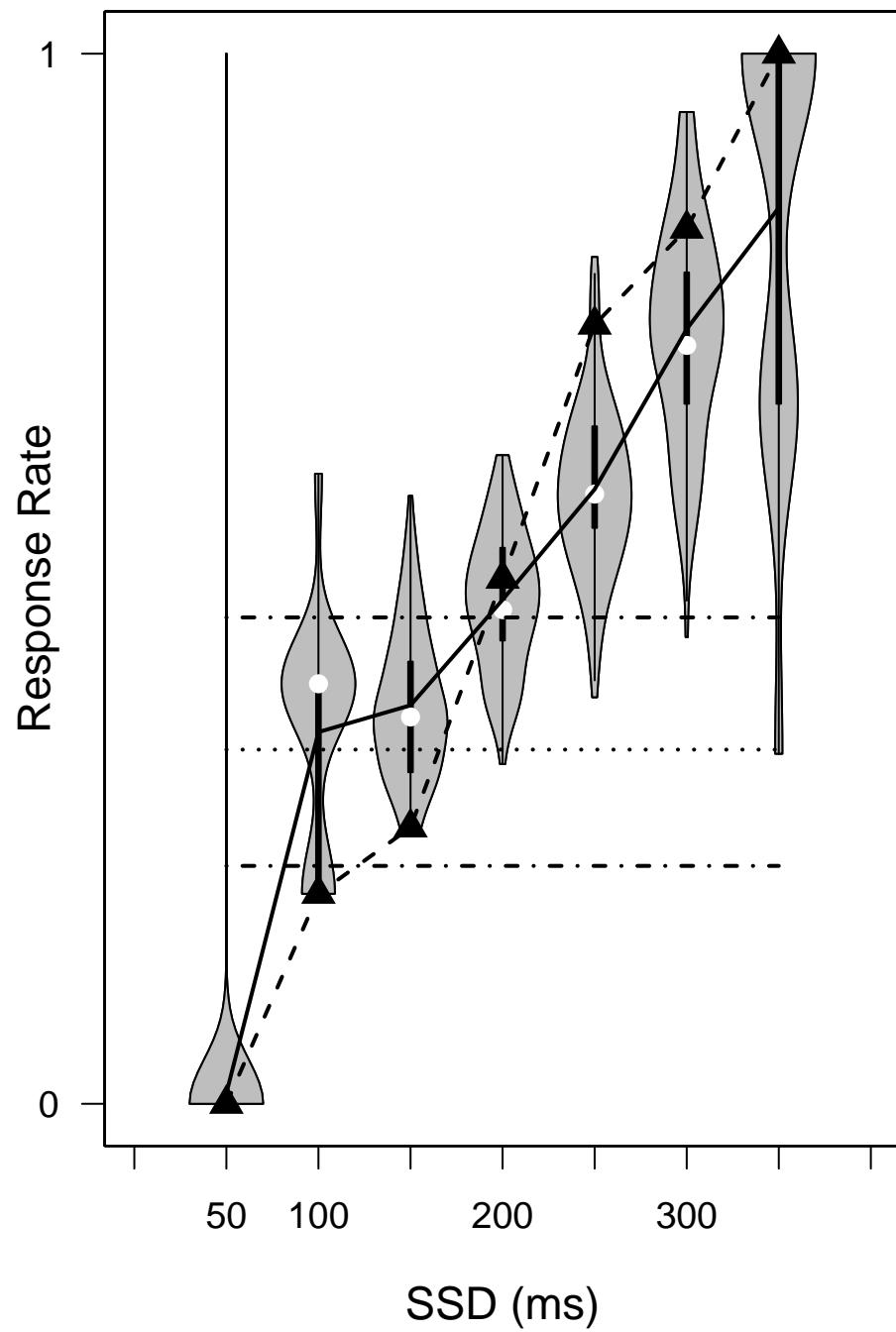


Posterior predictive p values for inhibition function  
**Subject 6**

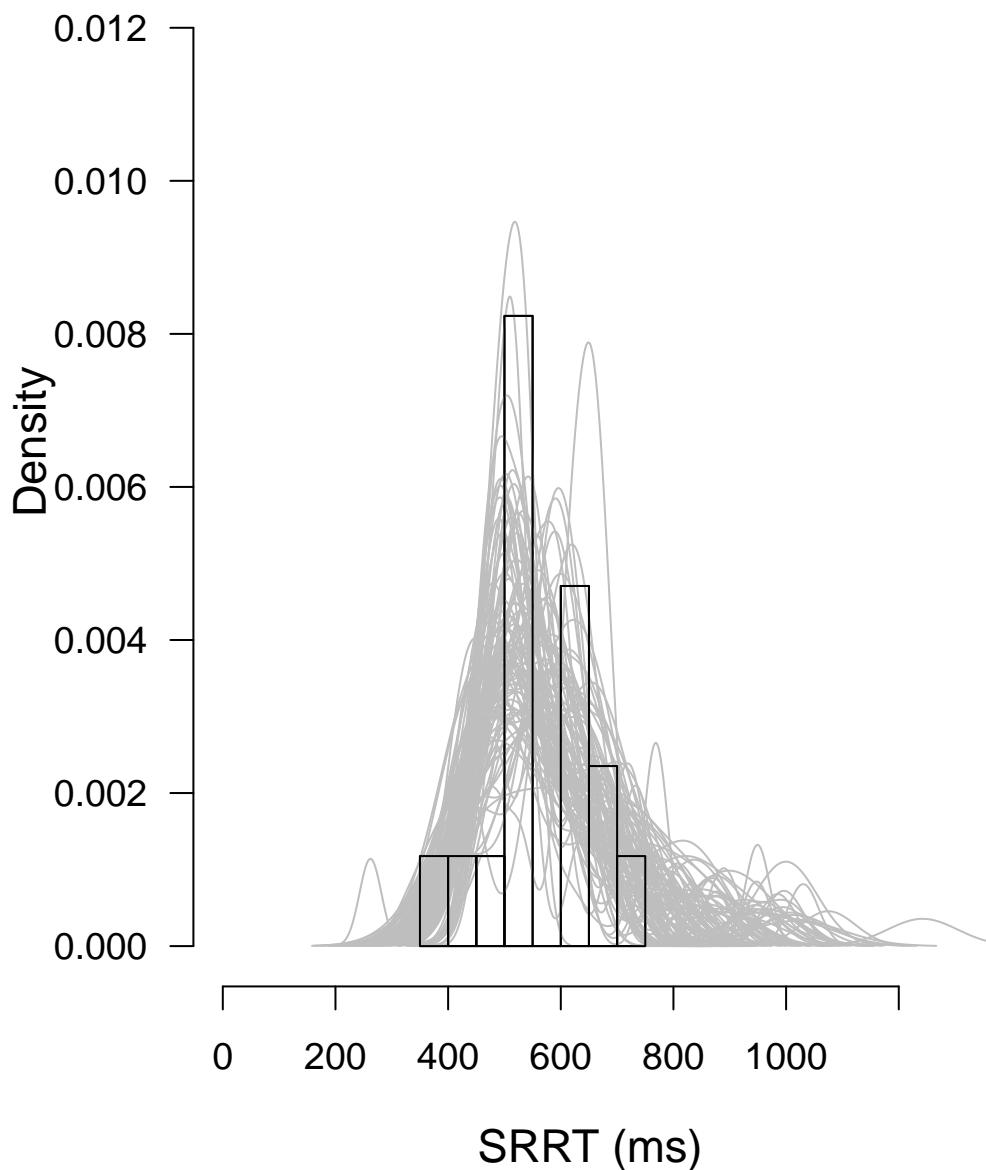
	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of stop-signal trials	1	5	19	34	31	18	3
Observed response rate	0	0.2	0.26	0.5	0.74	0.83	1
Average predicted response rate	0.01	0.35	0.38	0.48	0.59	0.74	0.85
One-sided p value	0.01	0.71	0.93	0.3	0.04	0.1	0.62
Two-sided p value	0.02	0.58	0.14	0.6	0.08	0.2	0.76

# Posterior predictive model check for inhibition function

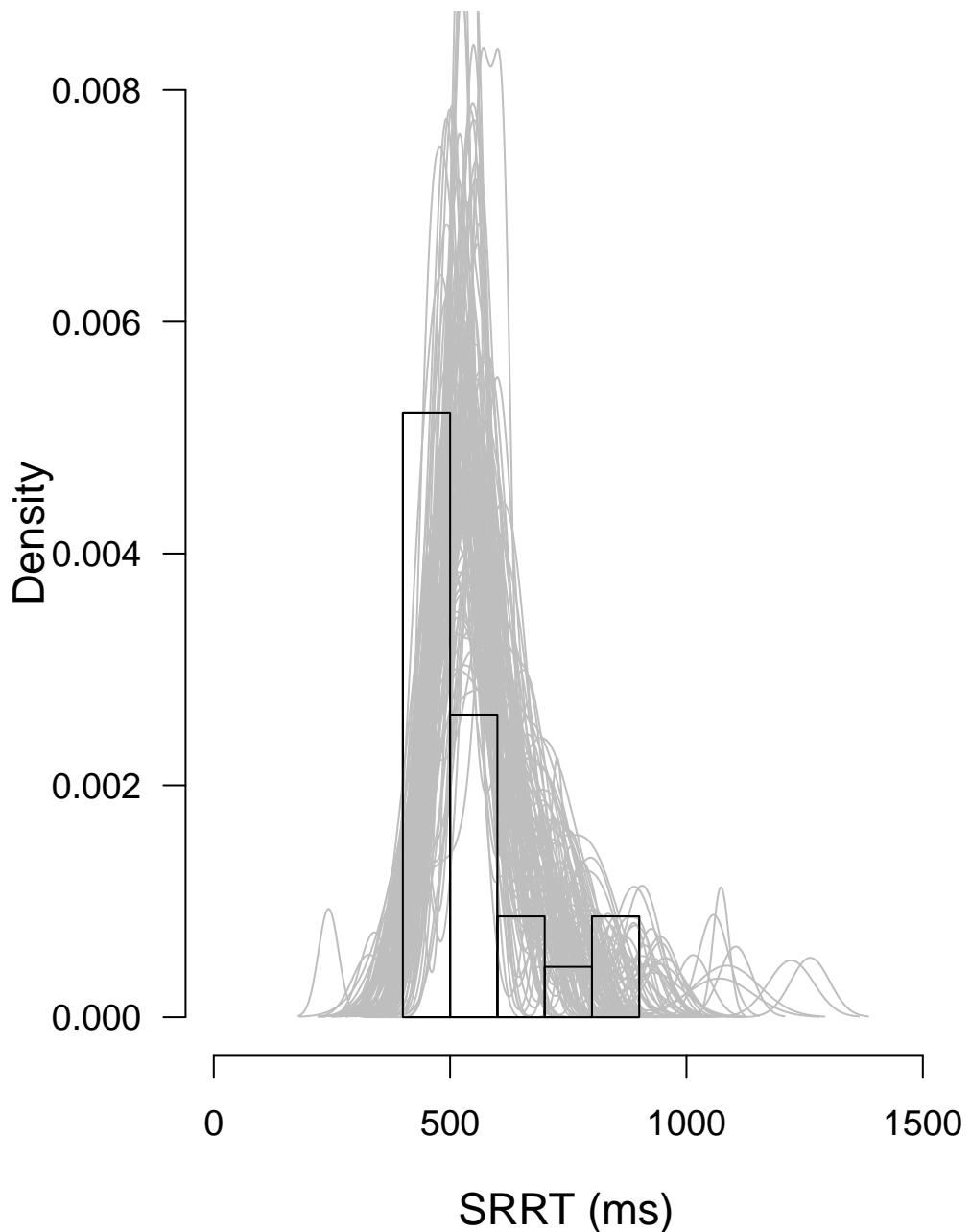
## Subject 6



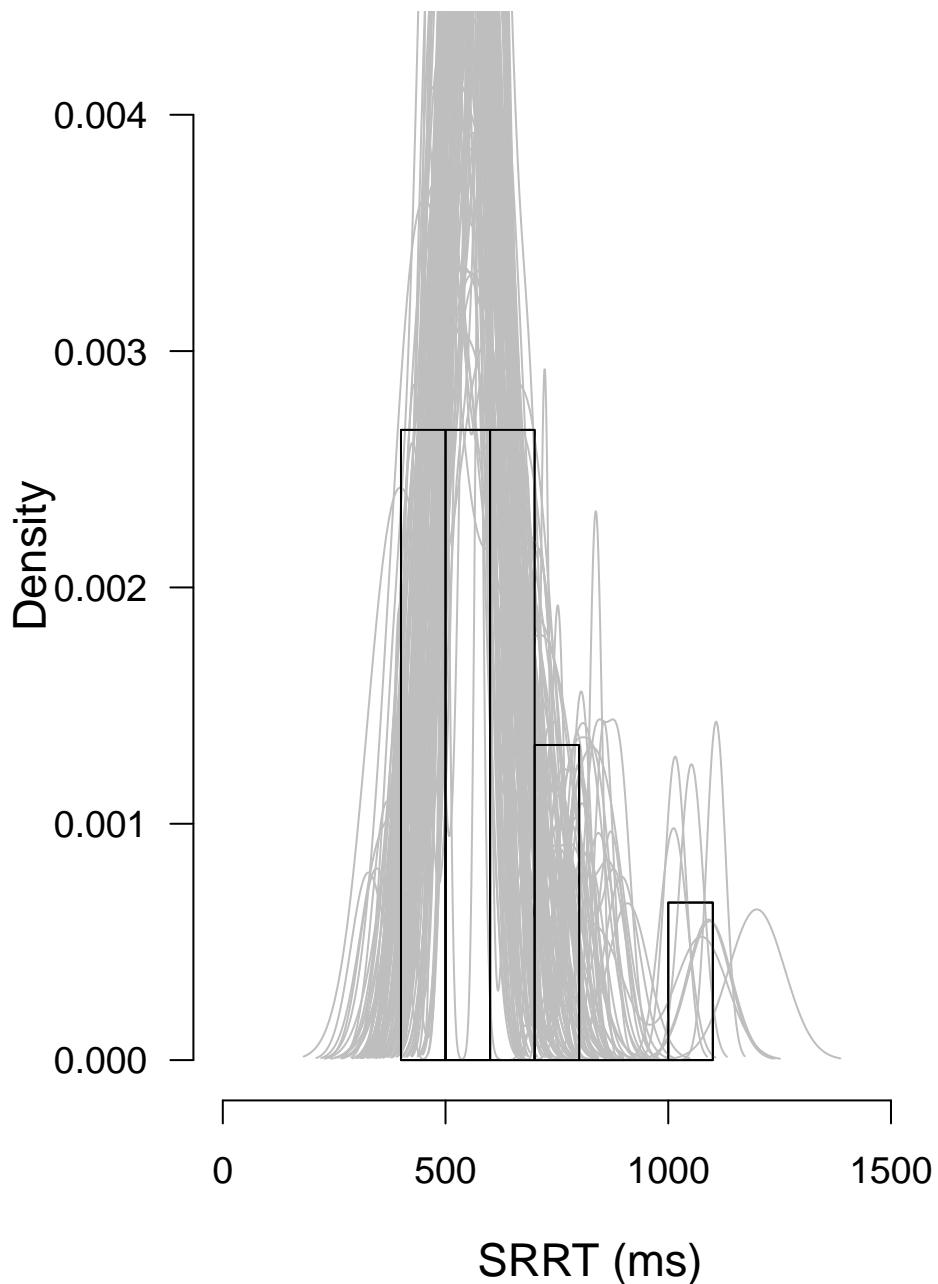
**Posterior predictive model check for SRRT distribution  
Subject 6  
at SSD = 200**



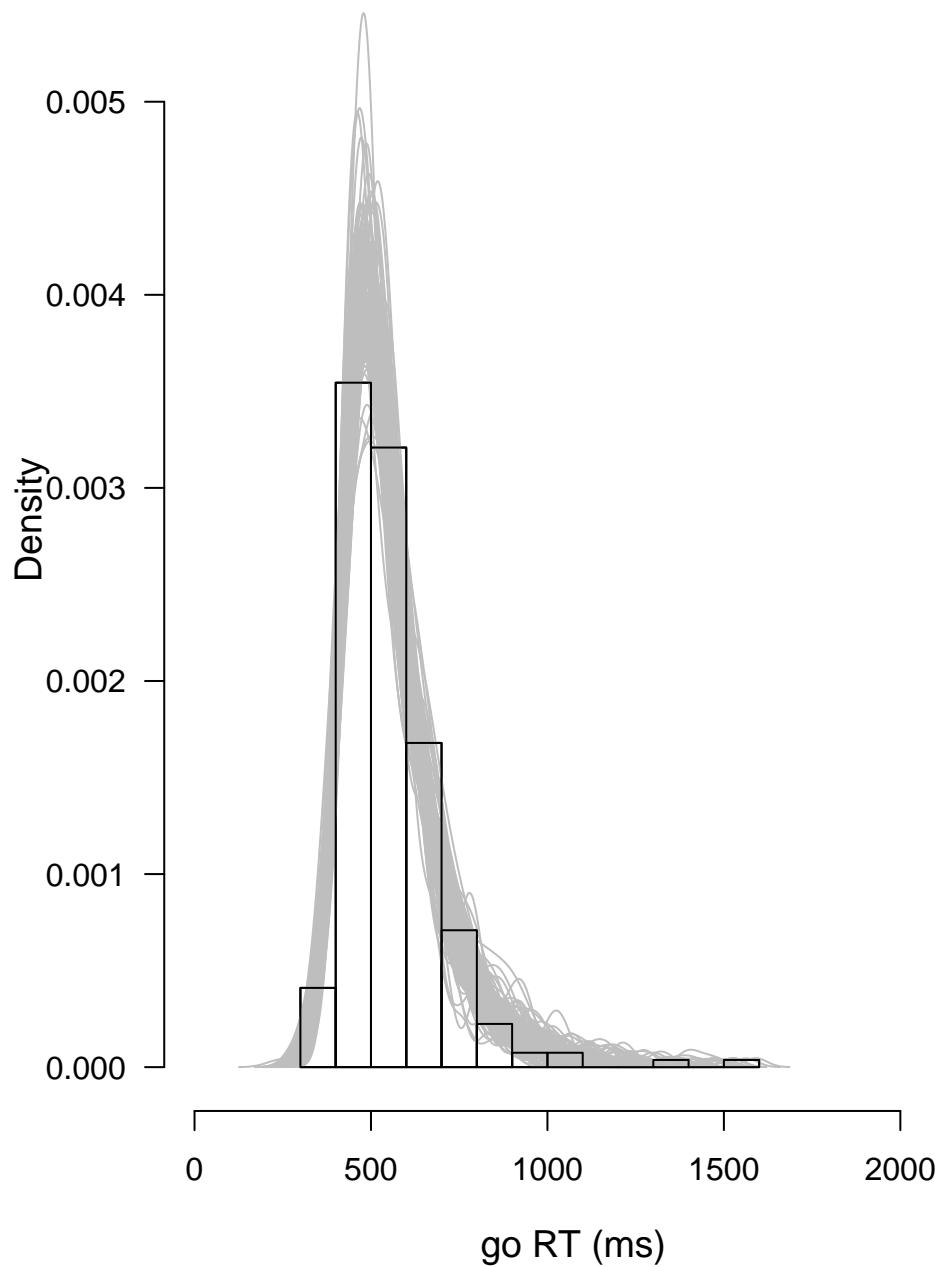
**Posterior predictive model check for SRRT distribution  
Subject 6  
at SSD = 250**



**Posterior predictive model check for SRRT distribution  
Subject 6  
at SSD = 300**



## **Posterior predictive model check for go RT distribution Subject 7**



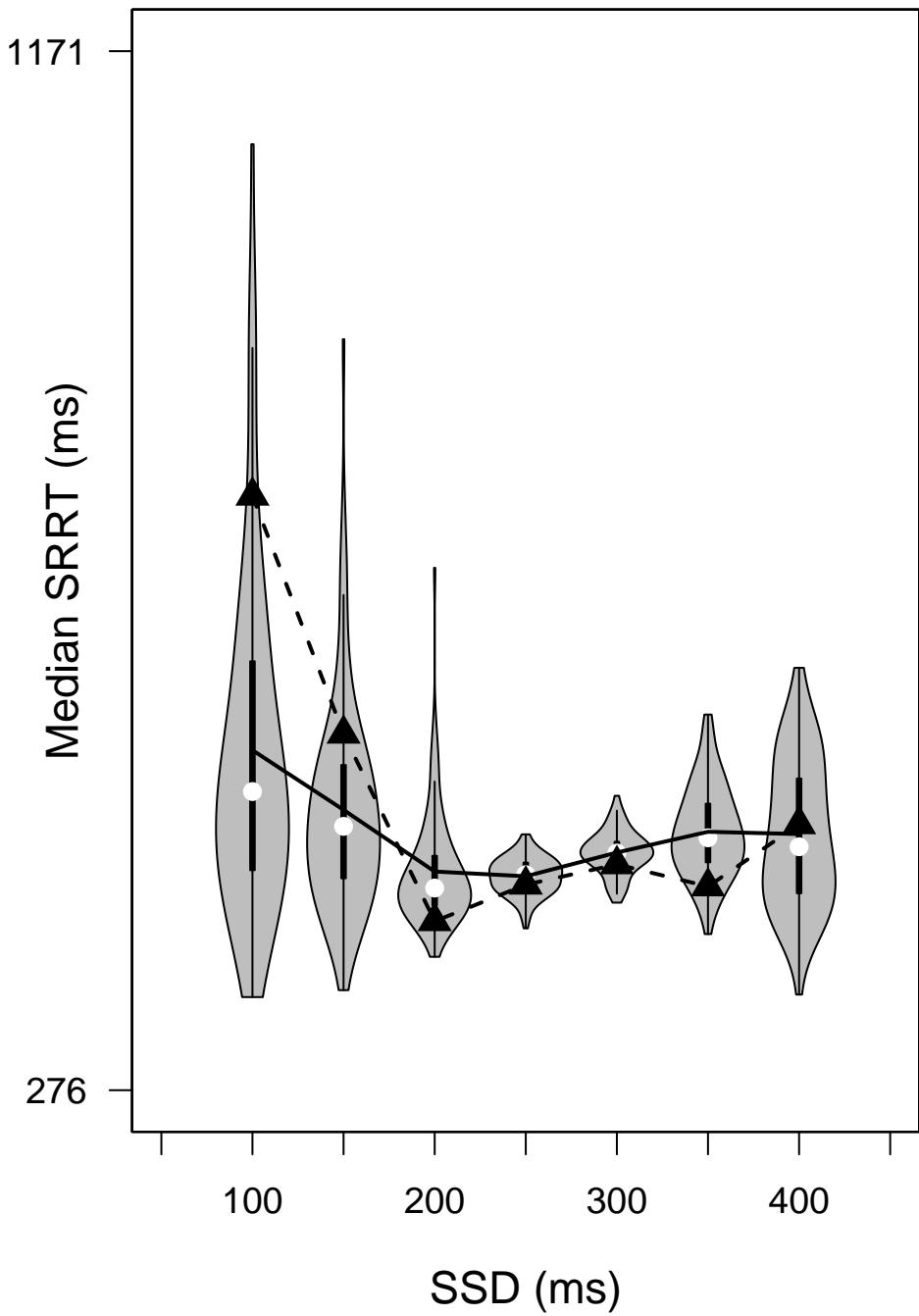
## Posterior predictive p values for median SRRT

### Subject 7

	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400
Number of observed SRRT	1	3	12	22	16	4	1
Observed median SRRT	788	583	421.5	453	470.5	451.5	505
Average predicted SRRT	568.88	517.44	464.34	460.26	480.73	498.58	496.63
One-sided p value	0.082	0.14	0.93	0.64	0.76	0.91	0.449
Two-sided p value	0.164	0.28	0.14	0.72	0.48	0.18	0.897

# Posterior predictive model check for median SRRT

## Subject 7

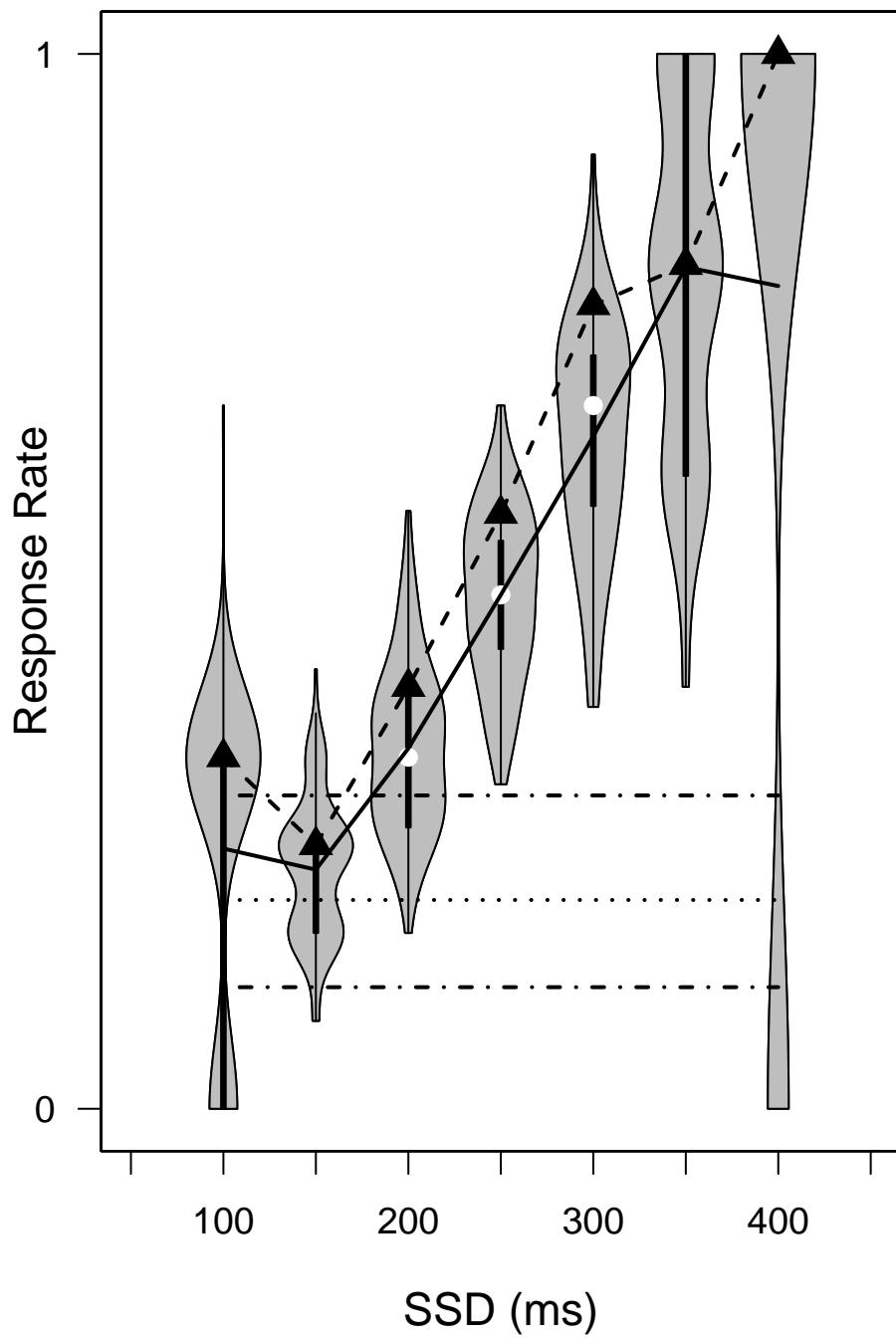


Posterior predictive p values for inhibition function  
**Subject 7**

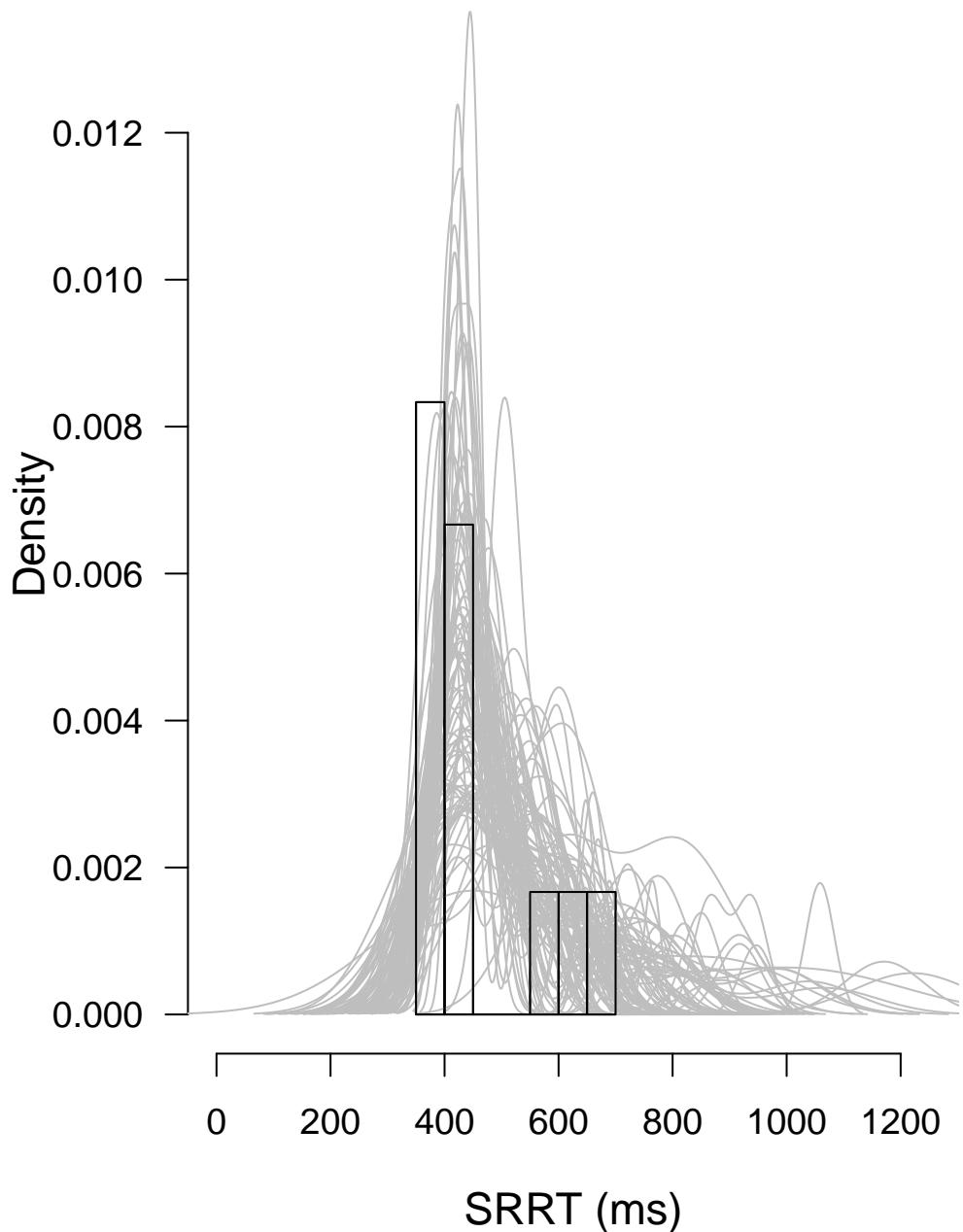
	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400
Number of stop–signal trials	3	12	30	39	21	5	1
Observed response rate	0.33	0.25	0.4	0.56	0.76	0.8	1
Average predicted response rate	0.25	0.23	0.34	0.49	0.64	0.8	0.78
One–sided p value	0.01	0.14	0.15	0.14	0.05	0.31	0.78
Two–sided p value	0.02	0.28	0.3	0.28	0.1	0.62	0.44

# Posterior predictive model check for inhibition function

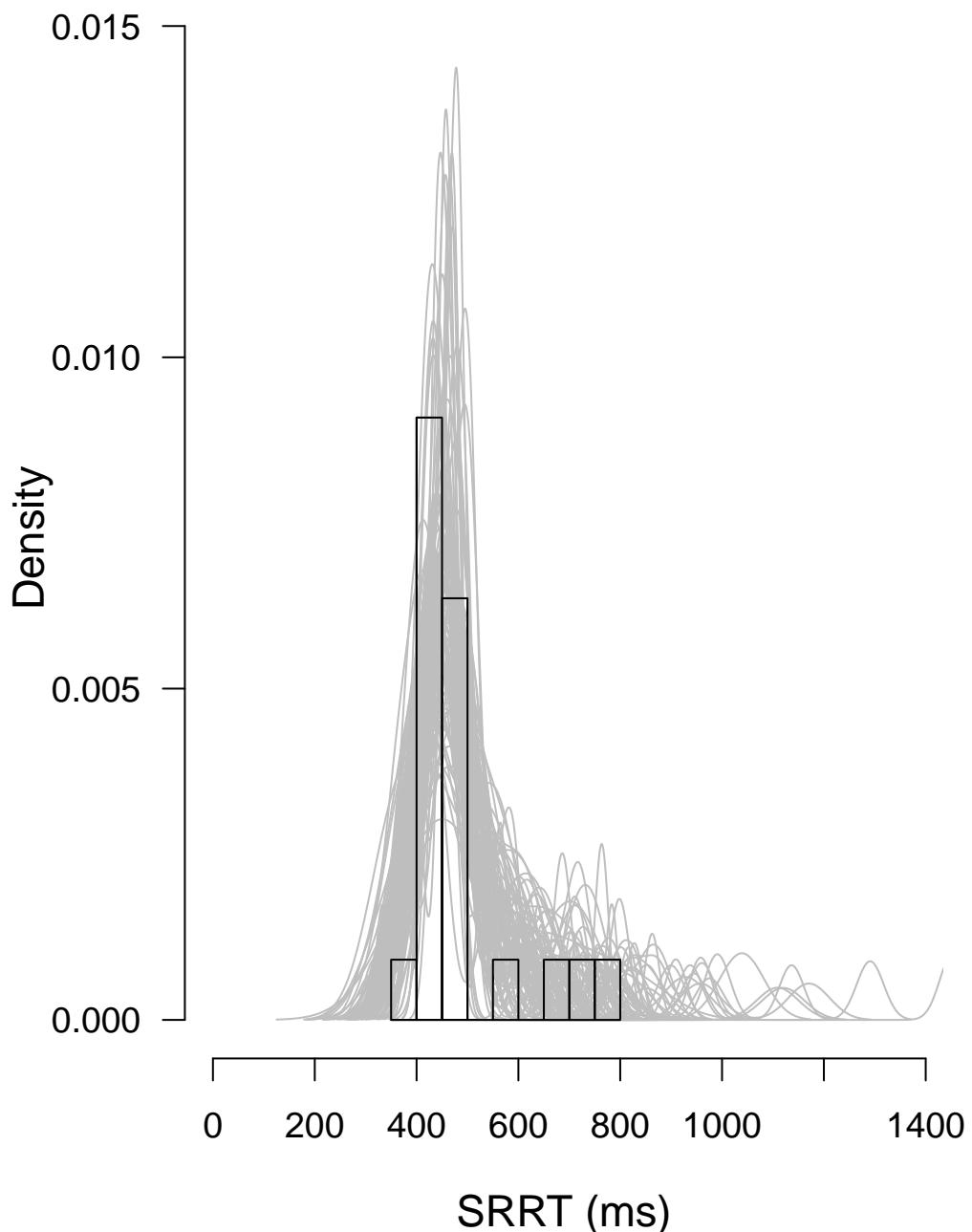
## Subject 7



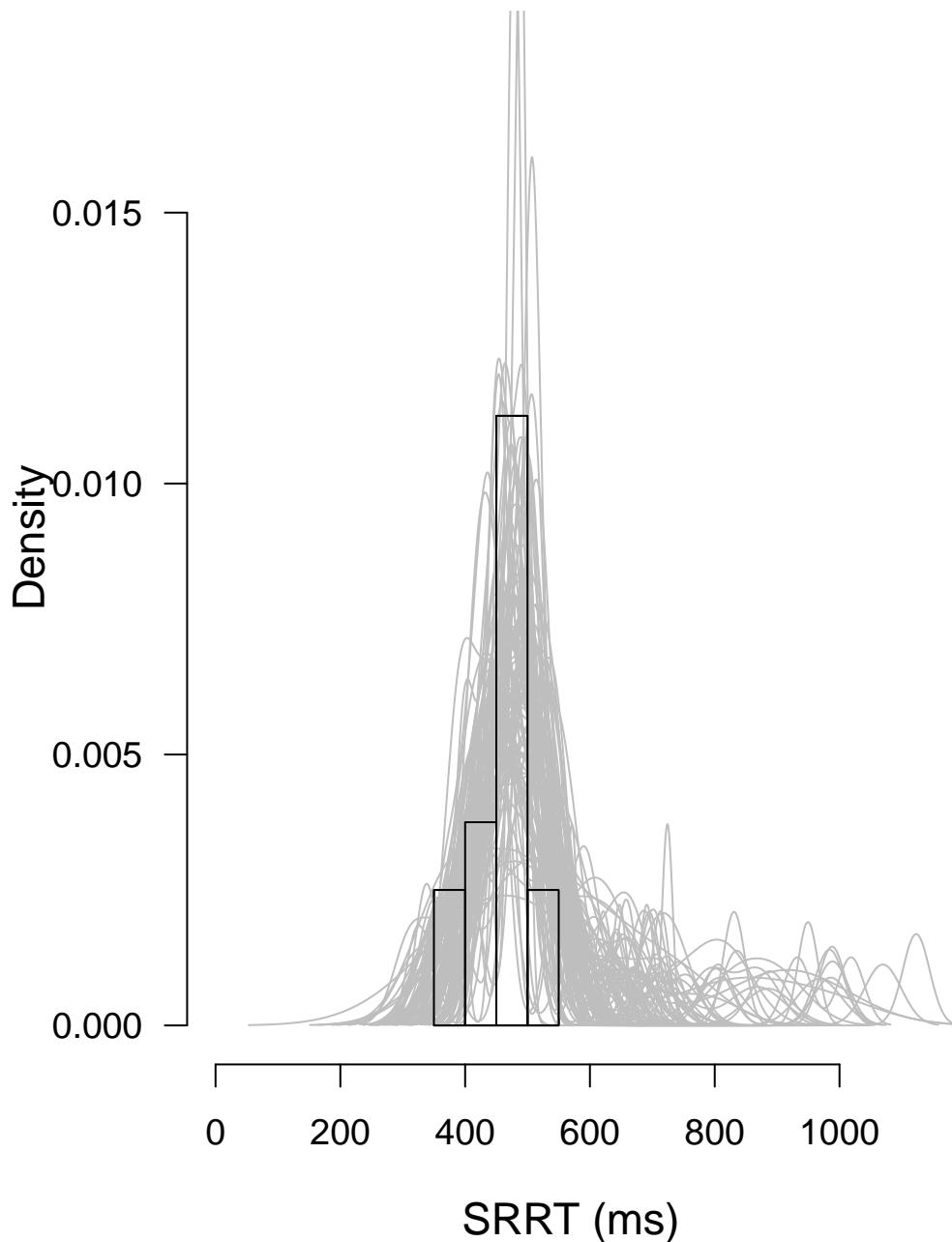
**Posterior predictive model check for SRRT distribution  
Subject 7  
at SSD = 200**



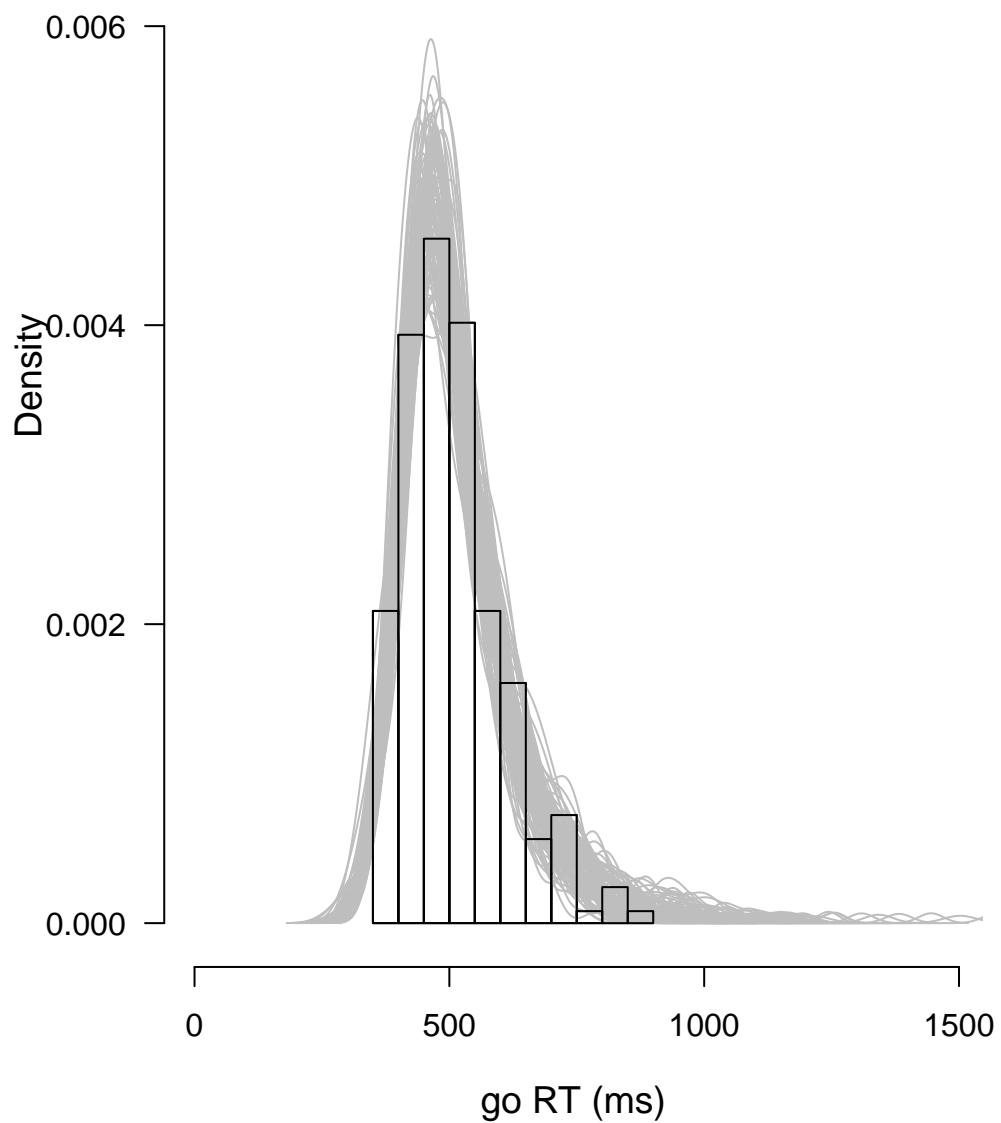
**Posterior predictive model check for SRRT distribution  
Subject 7  
at SSD = 250**



**Posterior predictive model check for SRRT distribution  
Subject 7  
at SSD = 300**



## Posterior predictive model check for go RT distribution Subject 8



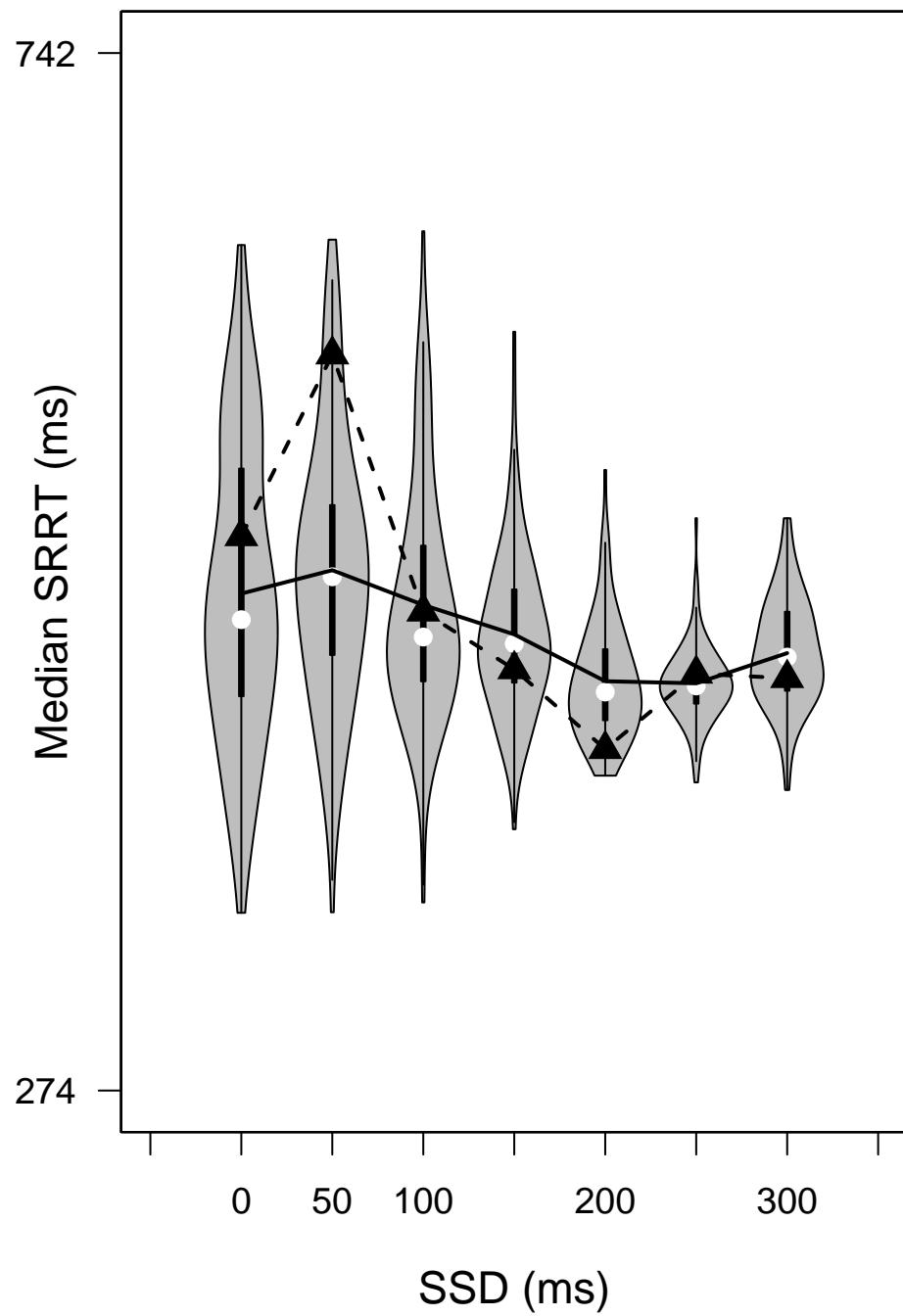
## Posterior predictive p values for median SRRT

### Subject 8

	SSD=0	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300
Number of observed SRRT	2	3	5	9	18	17	17
Observed median SRRT	524	606	490	464	428	462	460
Average predicted SRRT	498.17	508.72	493.04	479.76	458.64	457.69	471.31
One-sided p value	0.3	0.08	0.42	0.67	0.91	0.33	0.66
Two-sided p value	0.6	0.16	0.84	0.66	0.18	0.66	0.68

# Posterior predictive model check for median SRRT

## Subject 8



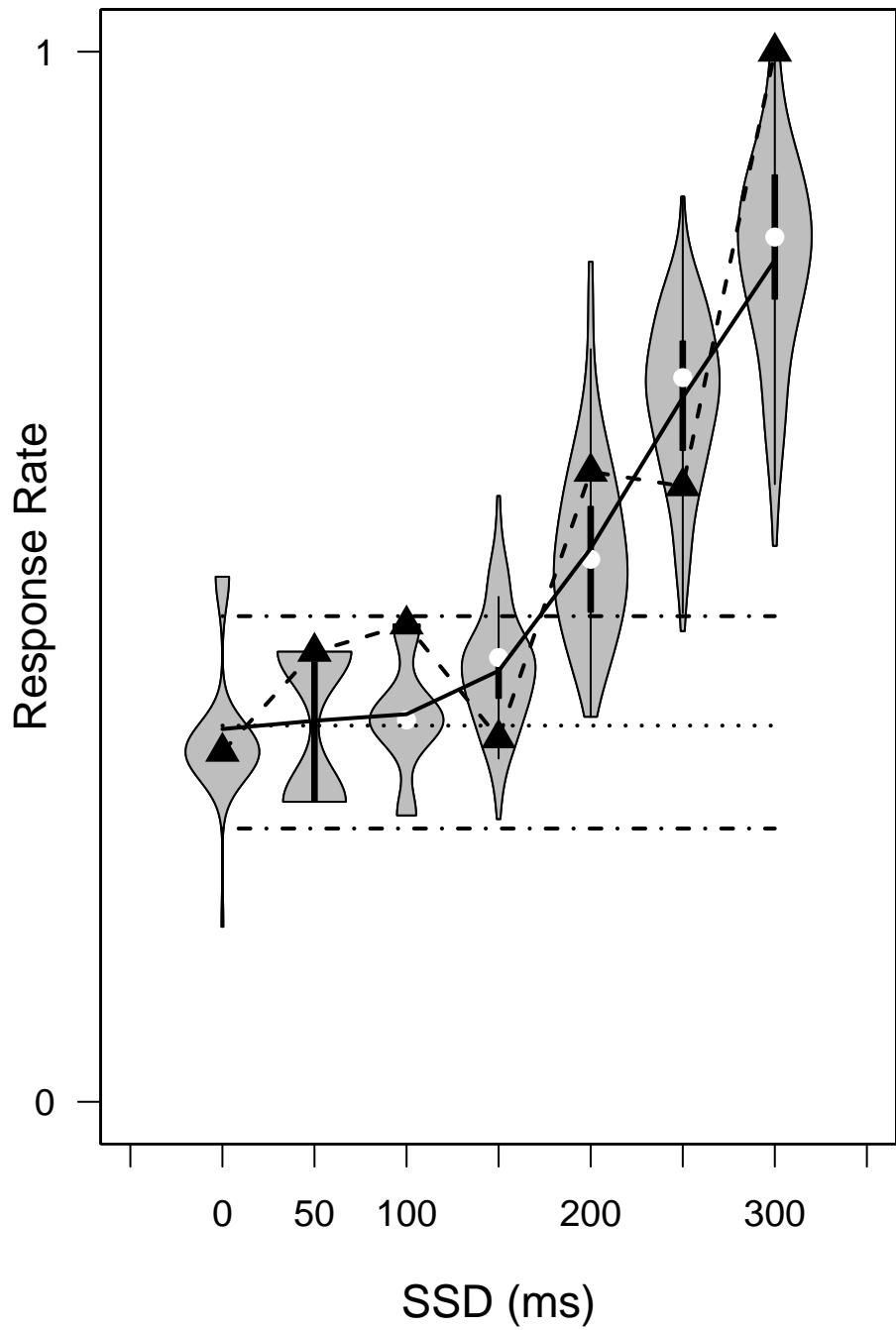
## Posterior predictive p values for inhibition function

### Subject 8

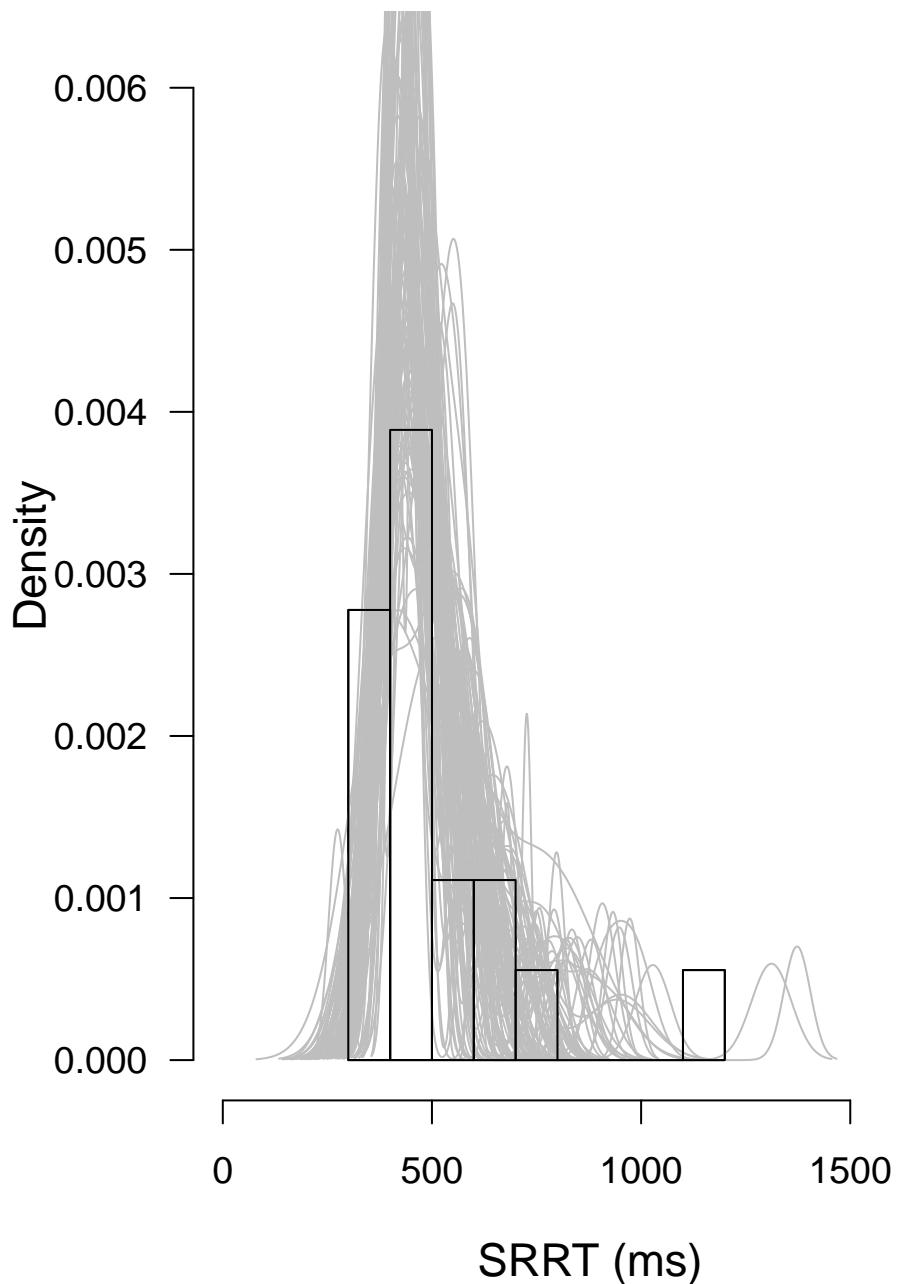
	SSD=0	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300
Number of stop–signal trials	6	7	11	26	30	29	17
Observed response rate	0.33	0.43	0.45	0.35	0.6	0.59	1
Average predicted response rate	0.36	0.36	0.37	0.41	0.53	0.67	0.8
One–sided p value	0.15	0	0	0.8	0.13	0.81	0.03
Two–sided p value	0.3	0	0	0.4	0.26	0.38	0.06

# Posterior predictive model check for inhibition function

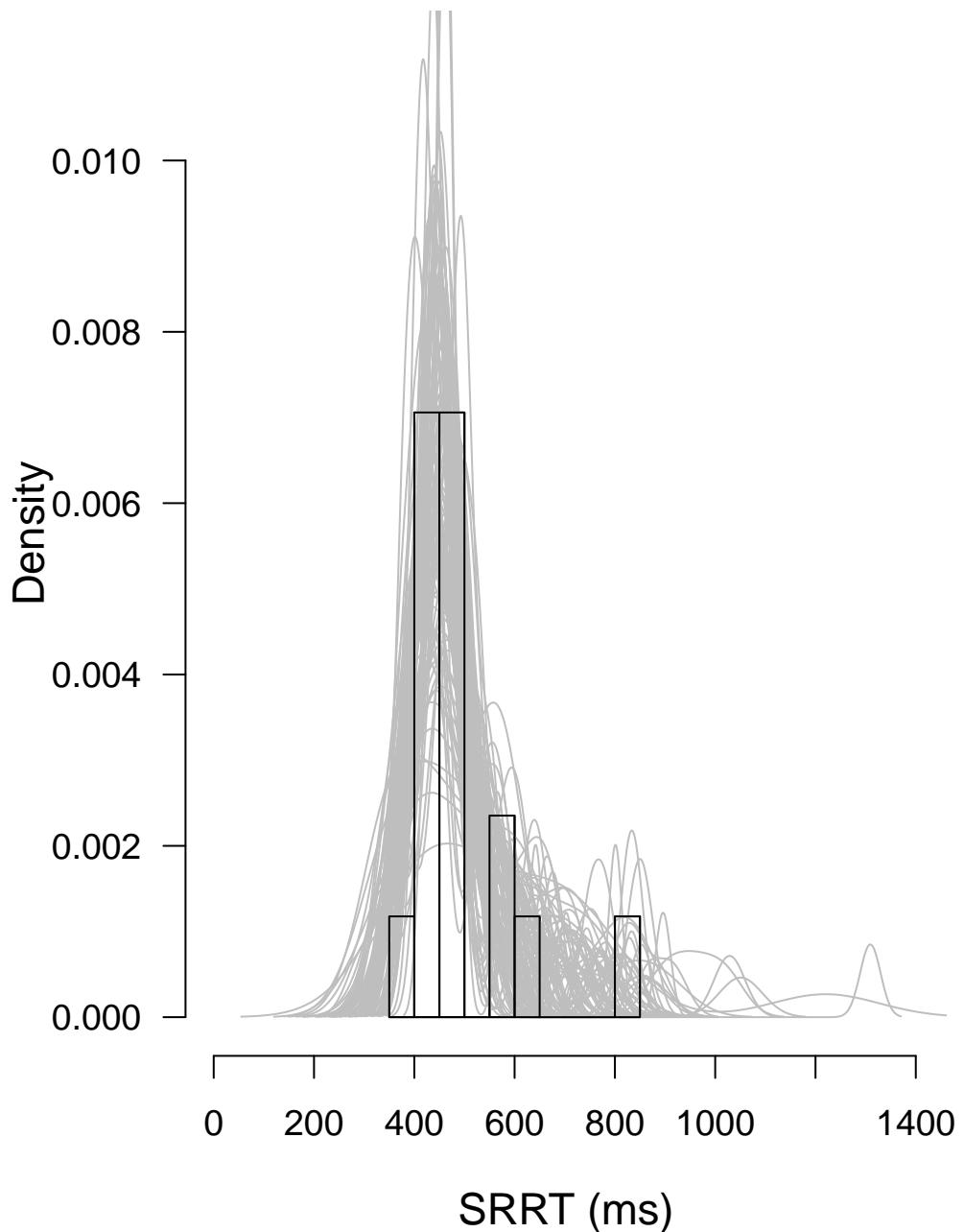
## Subject 8



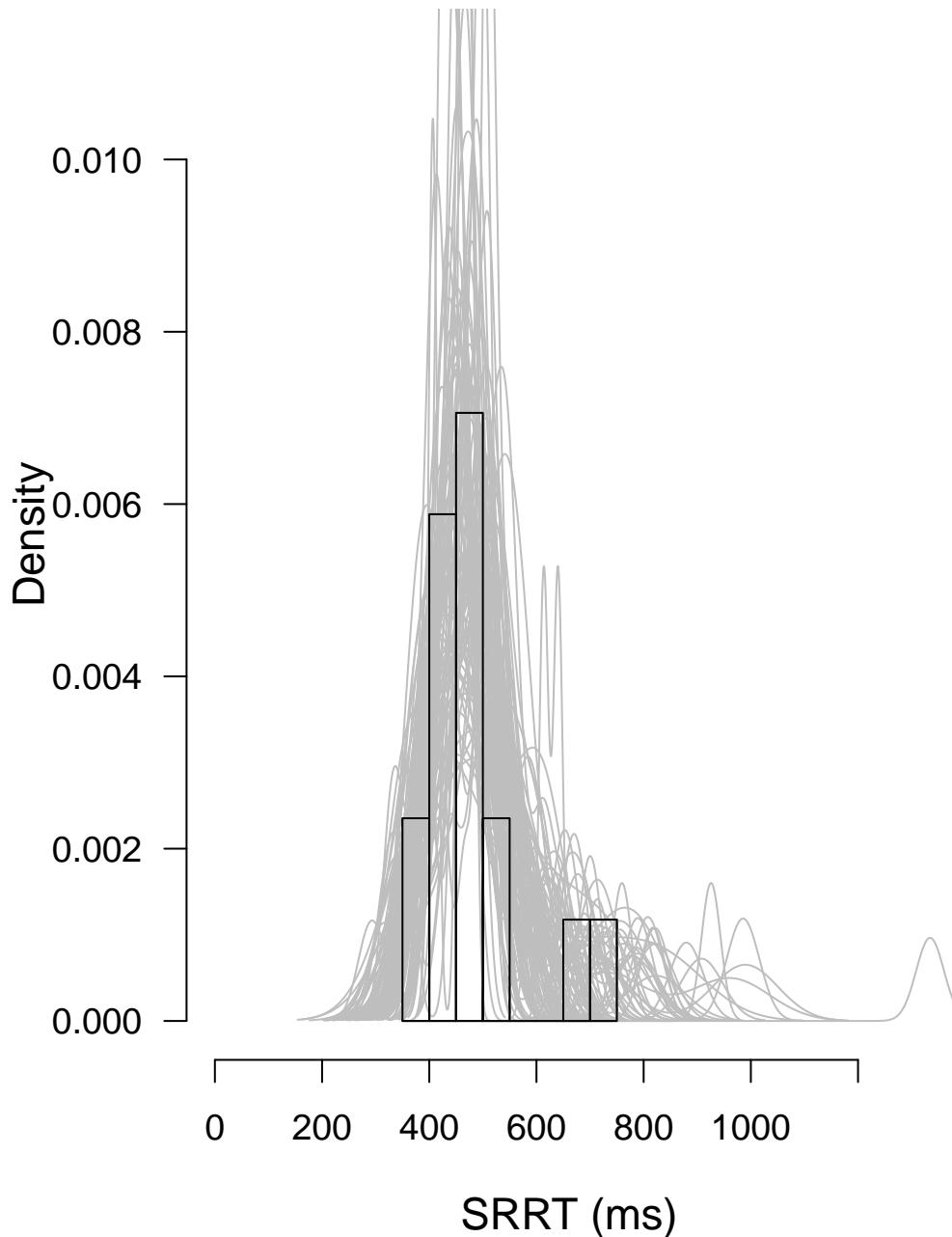
**Posterior predictive model check for SRRT distribution  
Subject 8  
at SSD = 200**



**Posterior predictive model check for SRRT distribution  
Subject 8  
at SSD = 250**

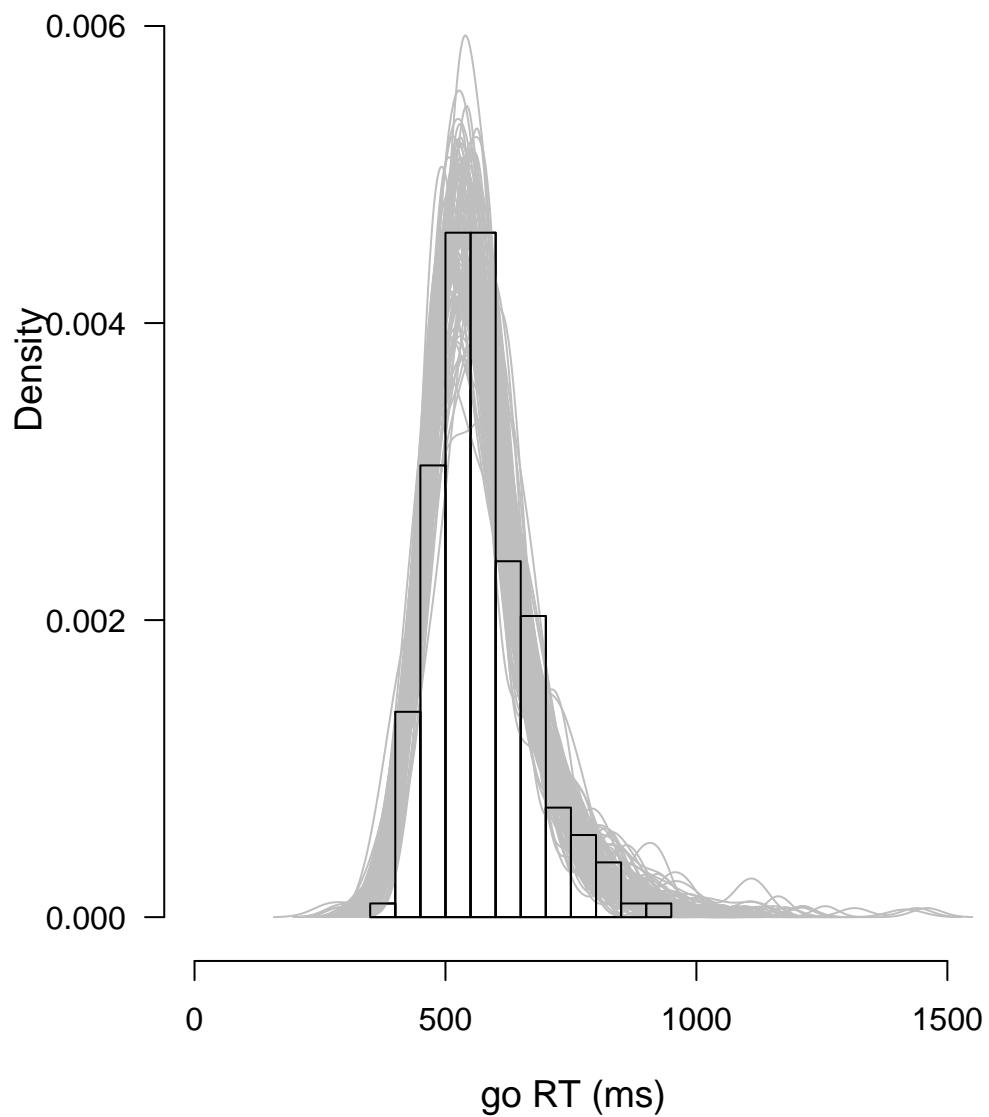


**Posterior predictive model check for SRRT distribution  
Subject 8  
at SSD = 300**



# **Posterior predictive model check for go RT distribution**

## **Subject 9**



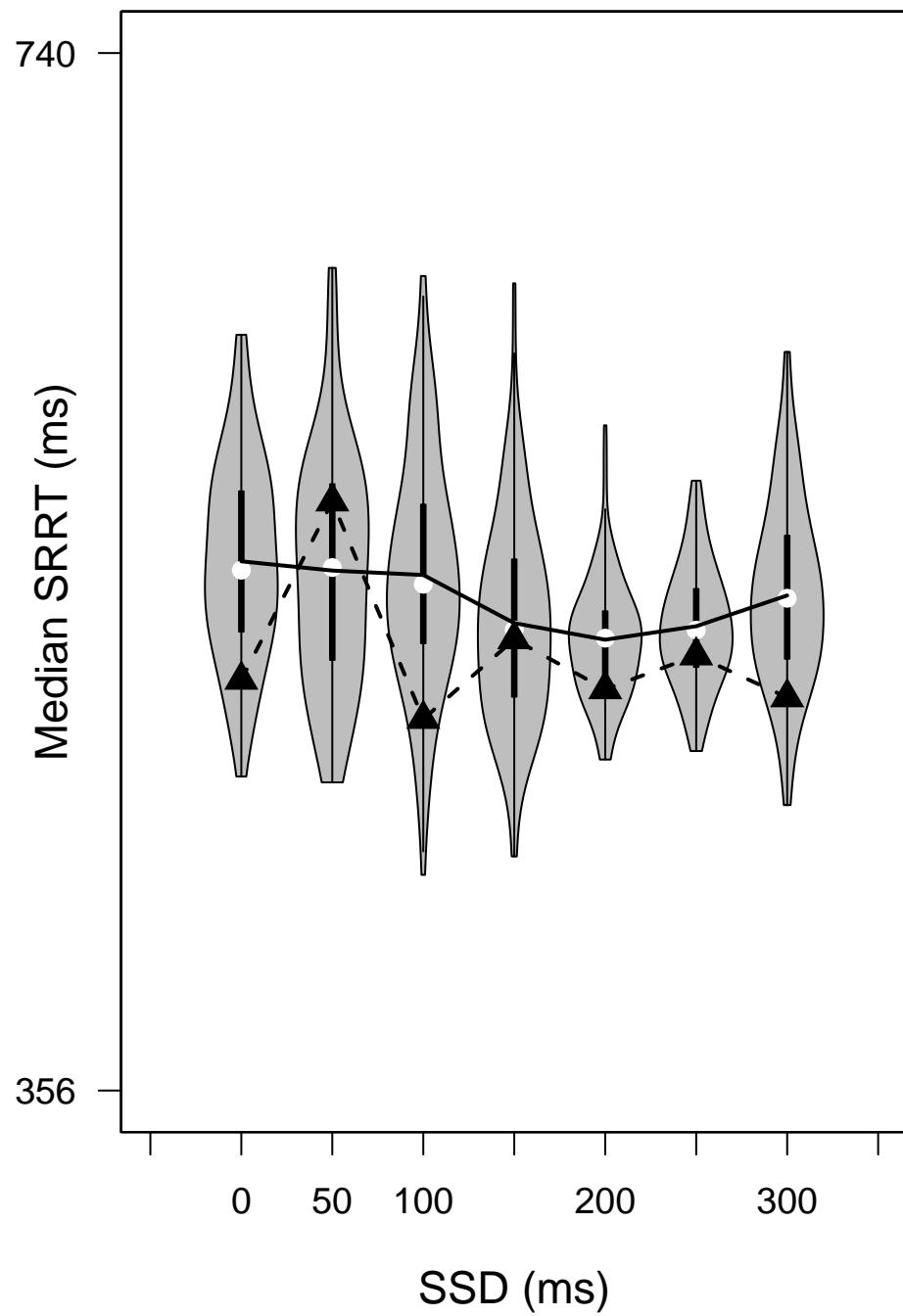
## Posterior predictive p values for median SRRT

### Subject 9

	SSD=0	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300
Number of observed SRRT	4	8	10	12	14	17	8
Observed median SRRT	508	574	493.5	523	504.5	517	501.5
Average predicted SRRT	551.87	548.45	546.82	529.01	522.87	527.85	539.24
One-sided p value	0.87	0.3	0.92	0.55	0.79	0.66	0.88
Two-sided p value	0.26	0.6	0.16	0.9	0.42	0.68	0.24

# Posterior predictive model check for median SRRT

## Subject 9



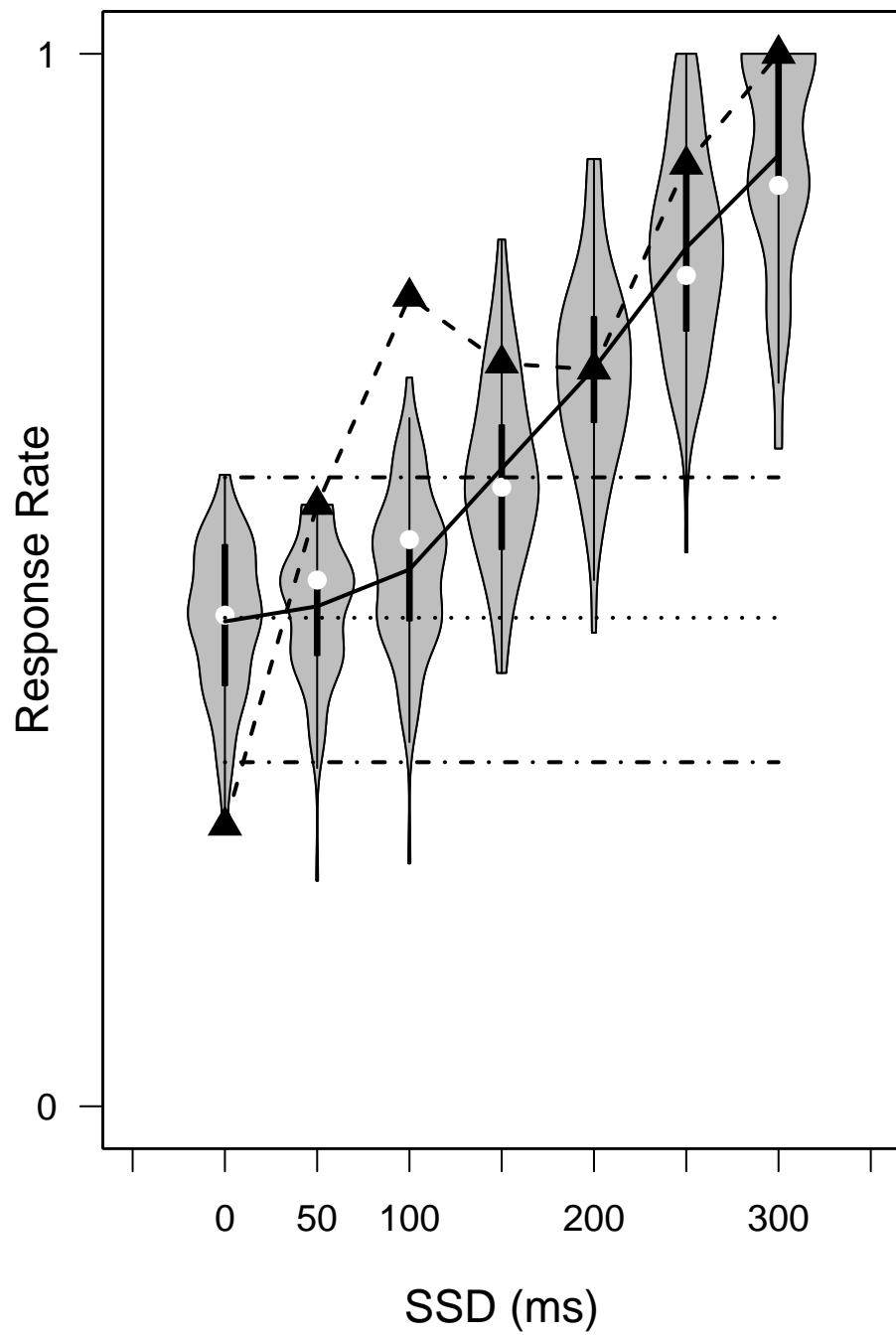
## Posterior predictive p values for inhibition function

### Subject 9

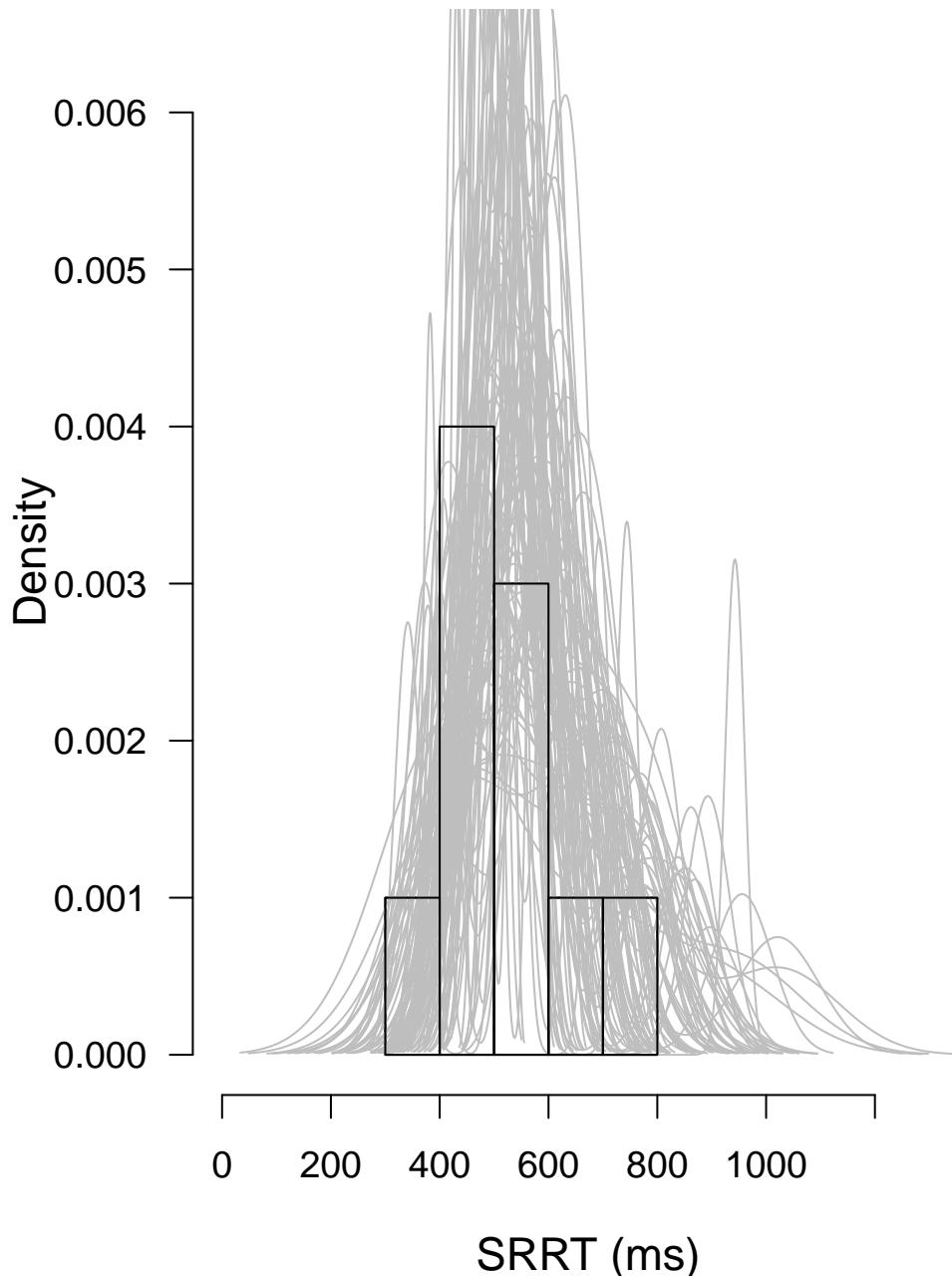
	SSD=0	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300
Number of stop–signal trials	15	14	13	17	20	19	8
Observed response rate	0.27	0.57	0.77	0.71	0.7	0.89	1
Average predicted response rate	0.46	0.48	0.51	0.61	0.7	0.82	0.9
One–sided p value	0.98	0	0	0.08	0.4	0.16	0.45
Two–sided p value	0.04	0	0	0.16	0.8	0.32	0.9

# Posterior predictive model check for inhibition function

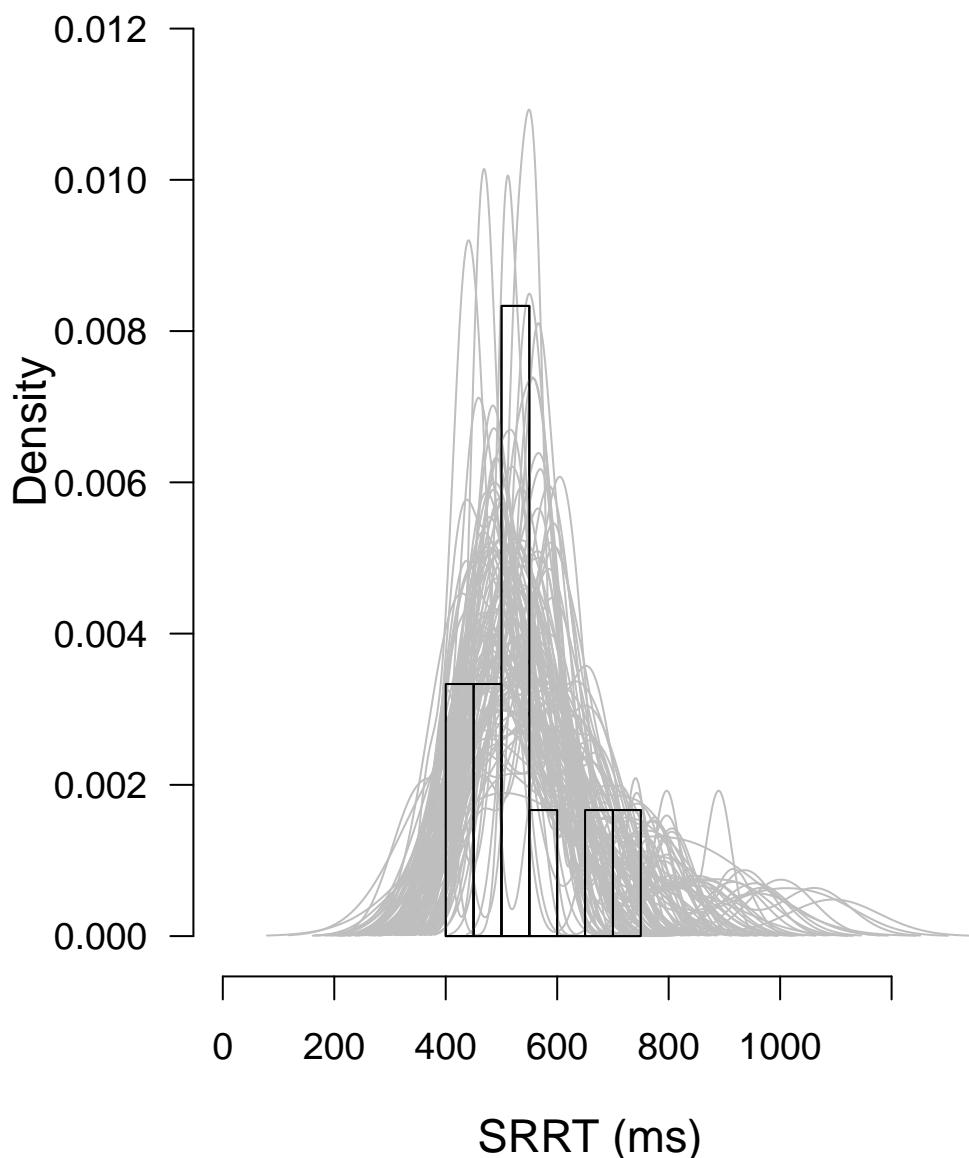
## Subject 9



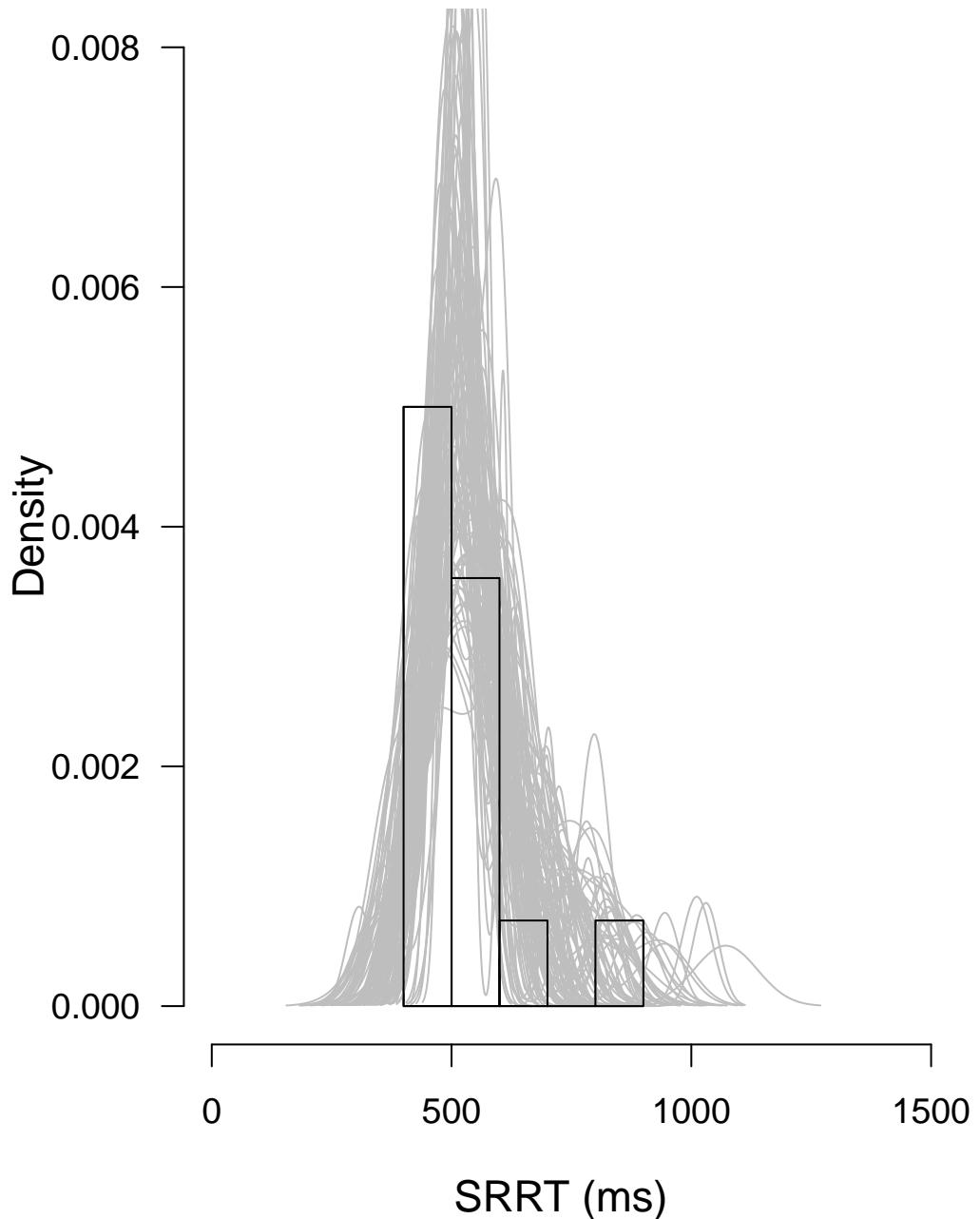
**Posterior predictive model check for SRRT distribution  
Subject 9  
at SSD = 100**



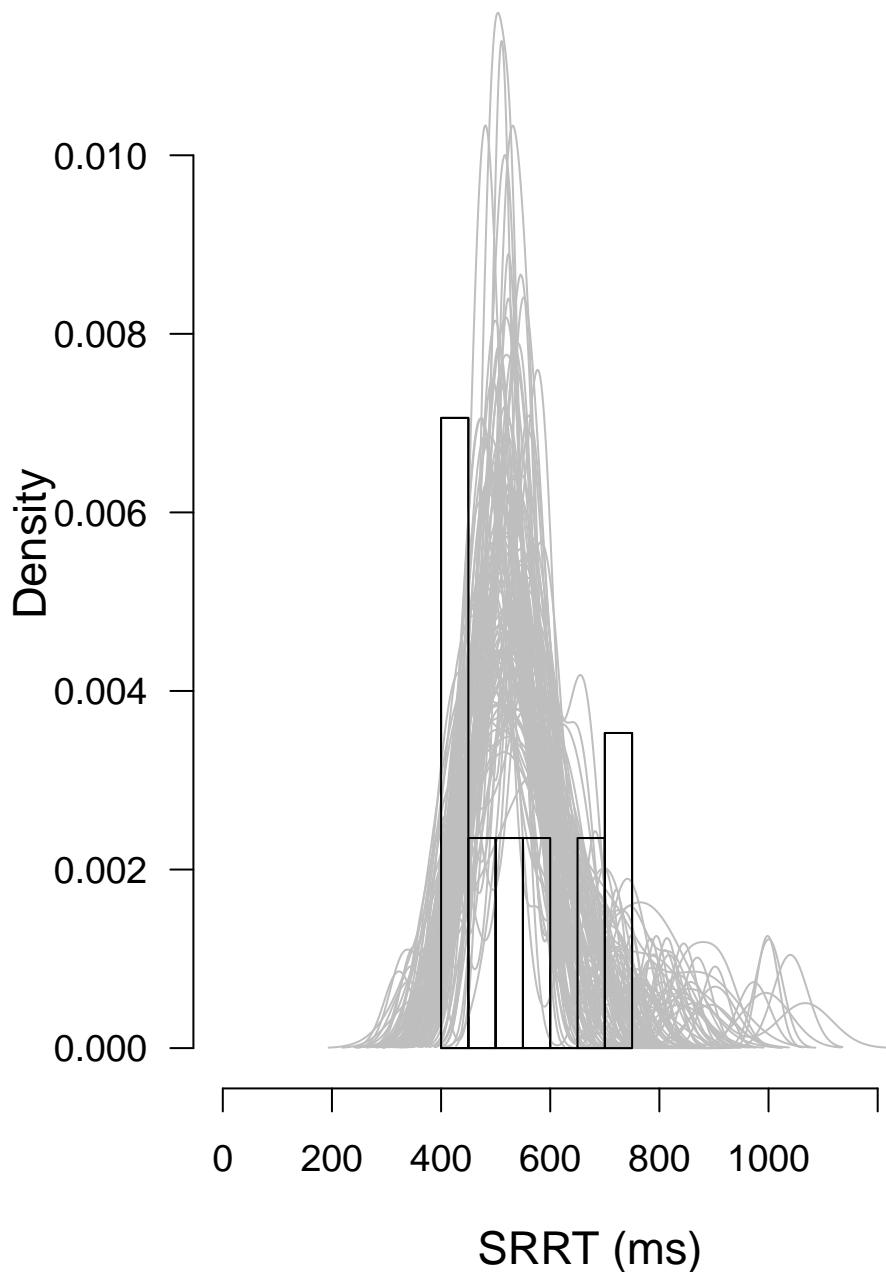
**Posterior predictive model check for SRRT distribution  
Subject 9  
at SSD = 150**



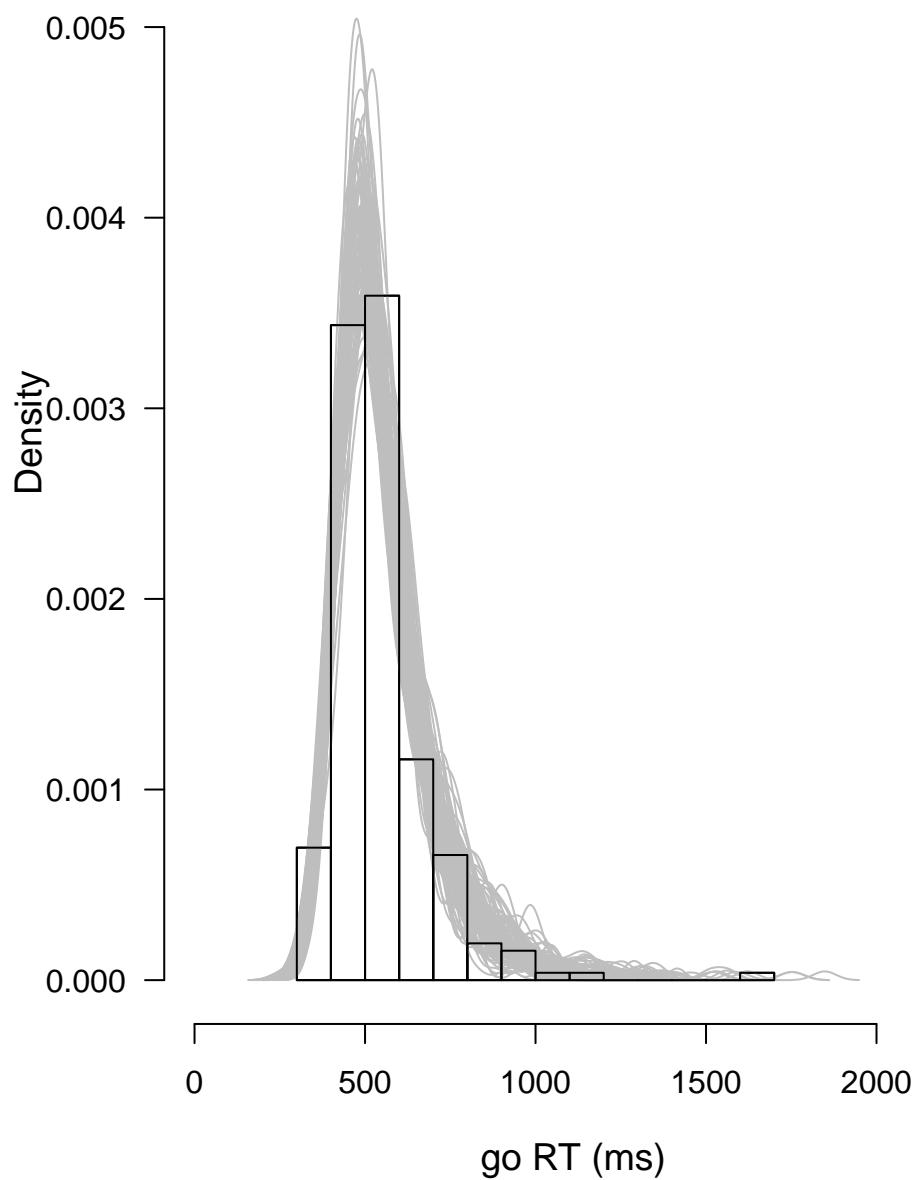
**Posterior predictive model check for SRRT distribution  
Subject 9  
at SSD = 200**



**Posterior predictive model check for SRRT distribution  
Subject 9  
at SSD = 250**



## Posterior predictive model check for go RT distribution Subject 10



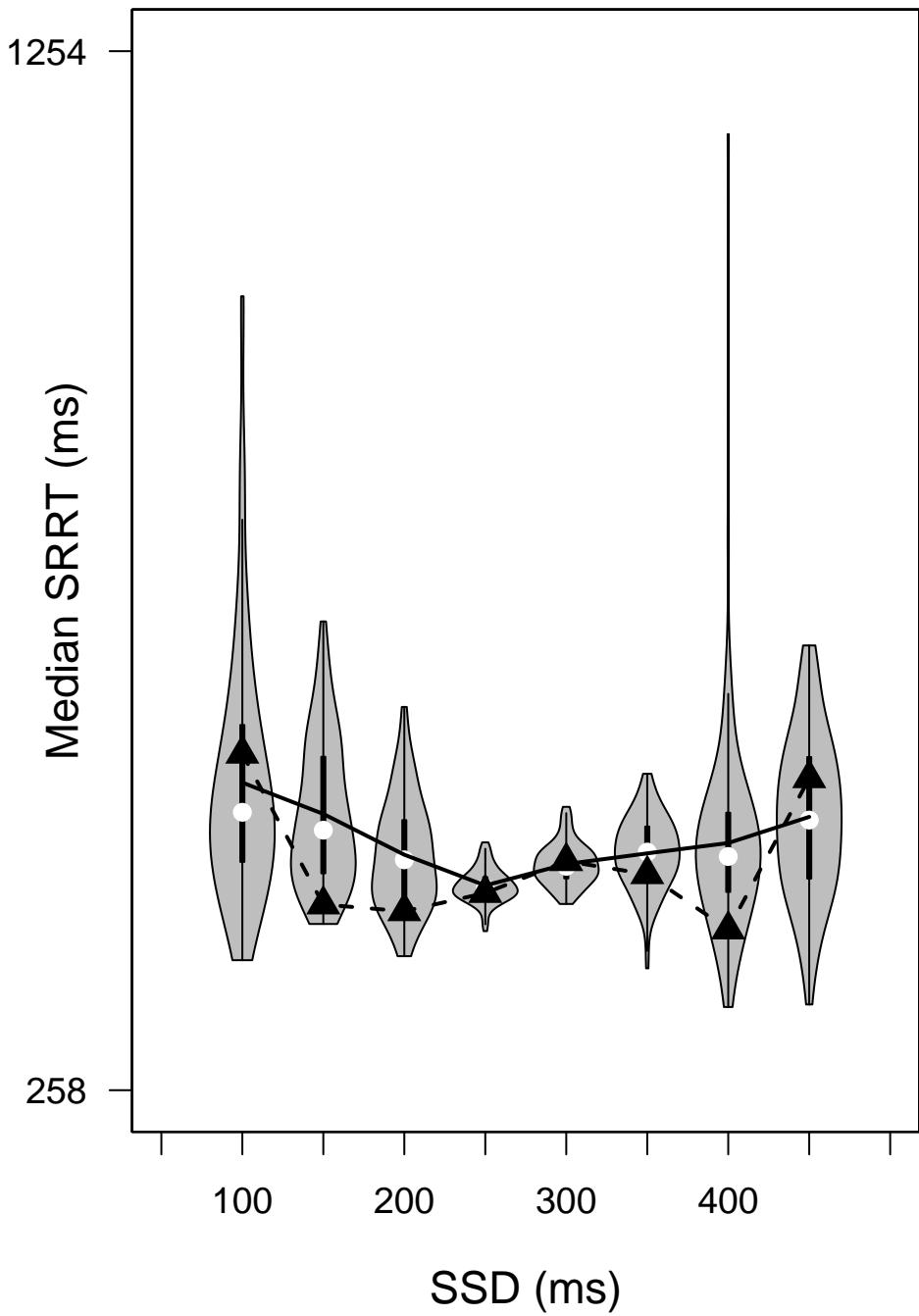
## Posterior predictive p values for median SRRT

### Subject 10

	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400	SSD=450
Number of observed SRRT	2	3	12	15	16	4	1	1
Observed median SRRT	580.5	436	429.5	447	477.5	465	412	557
Average predicted SRRT	552.87	522.84	483.71	454.24	474.78	485.02	494.94	520
One-sided p value	0.28	0.95	0.87	0.66	0.42	0.74	0.875	0.314
Two-sided p value	0.56	0.1	0.26	0.68	0.84	0.52	0.25	0.628

# Posterior predictive model check for median SRRT

## Subject 10



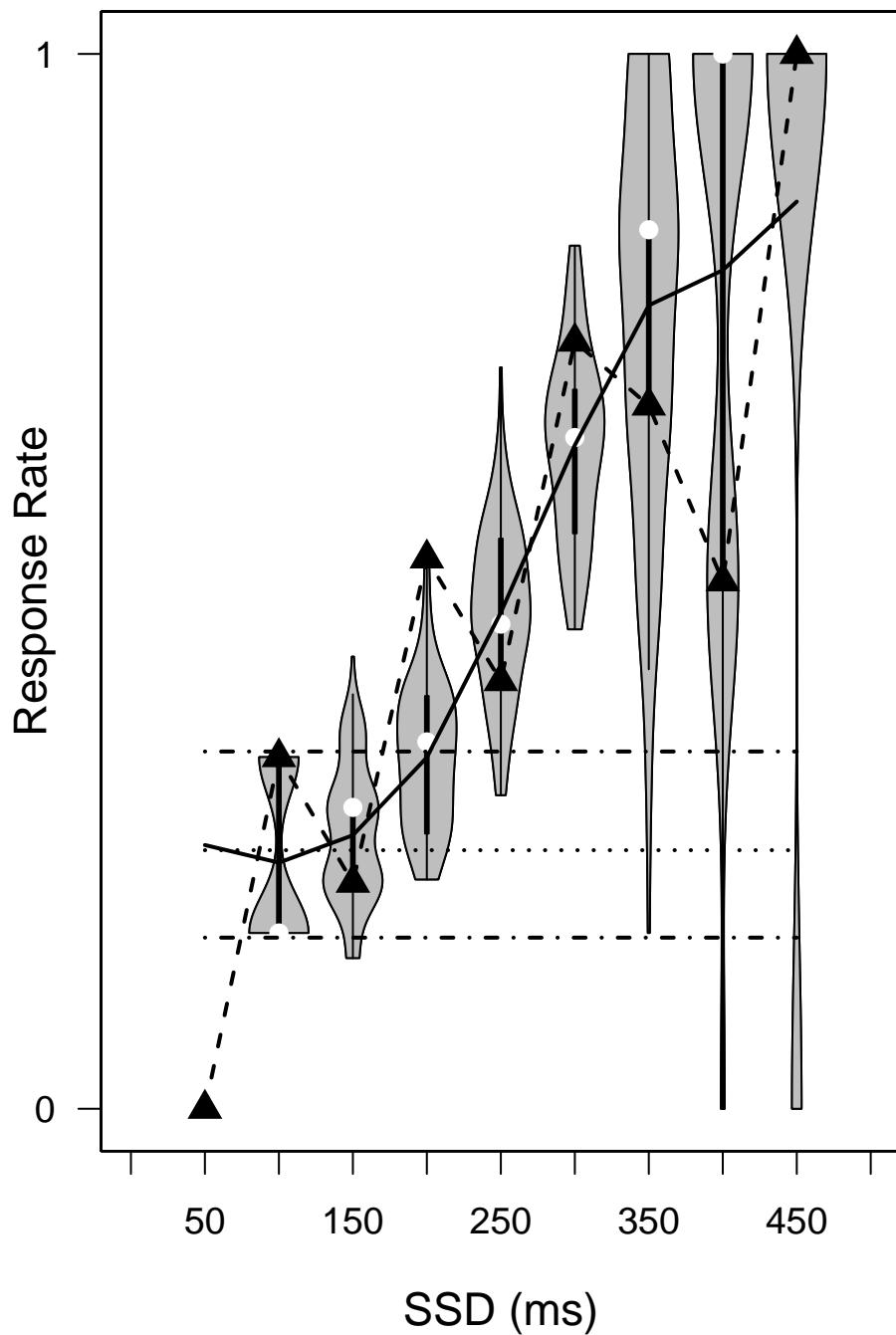
## Posterior predictive p values for inhibition function

### Subject 10

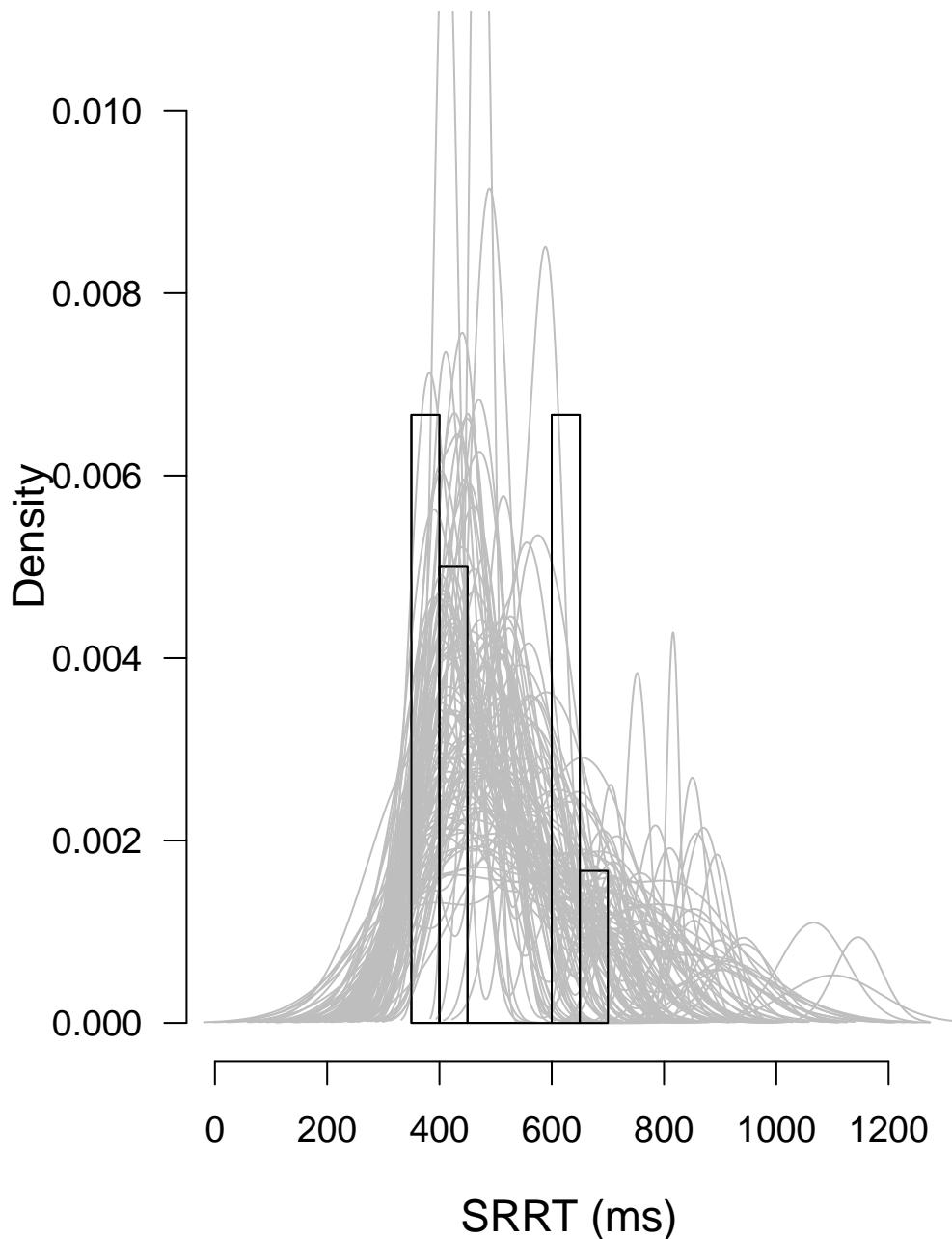
	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400	SSD=450
Number of stop–signal trials	4	6	14	23	37	22	6	2	1
Observed response rate	0	0.33	0.21	0.52	0.41	0.73	0.67	0.5	1
Average predicted response rate	0.25	0.23	0.26	0.33	0.47	0.63	0.76	0.8	0.86
One-sided p value	1	0	0.52	0	0.74	0.1	0.57	0.63	0.86
Two-sided p value	0	0	0.96	0	0.52	0.2	0.86	0.74	0.28

# Posterior predictive model check for inhibition function

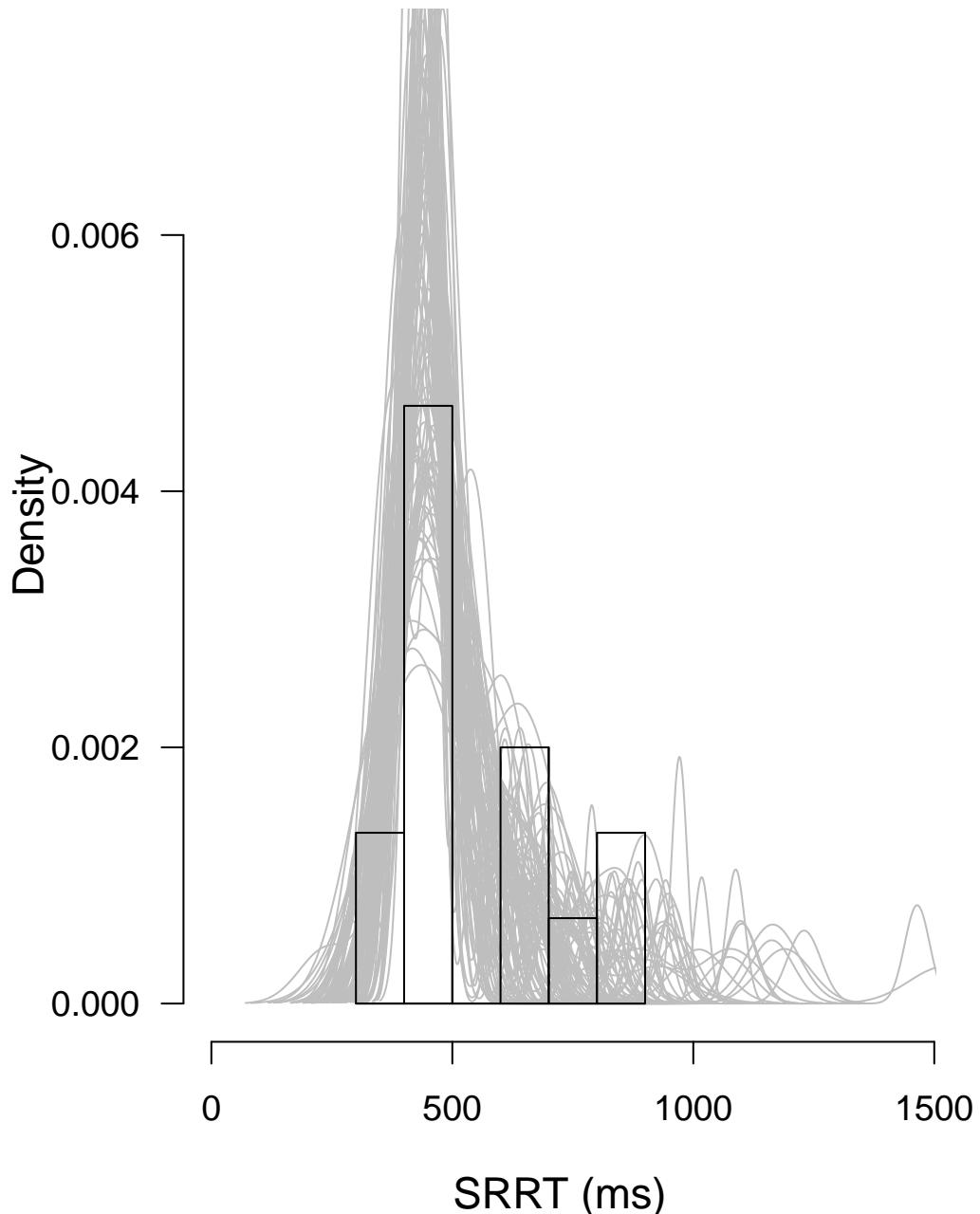
## Subject 10



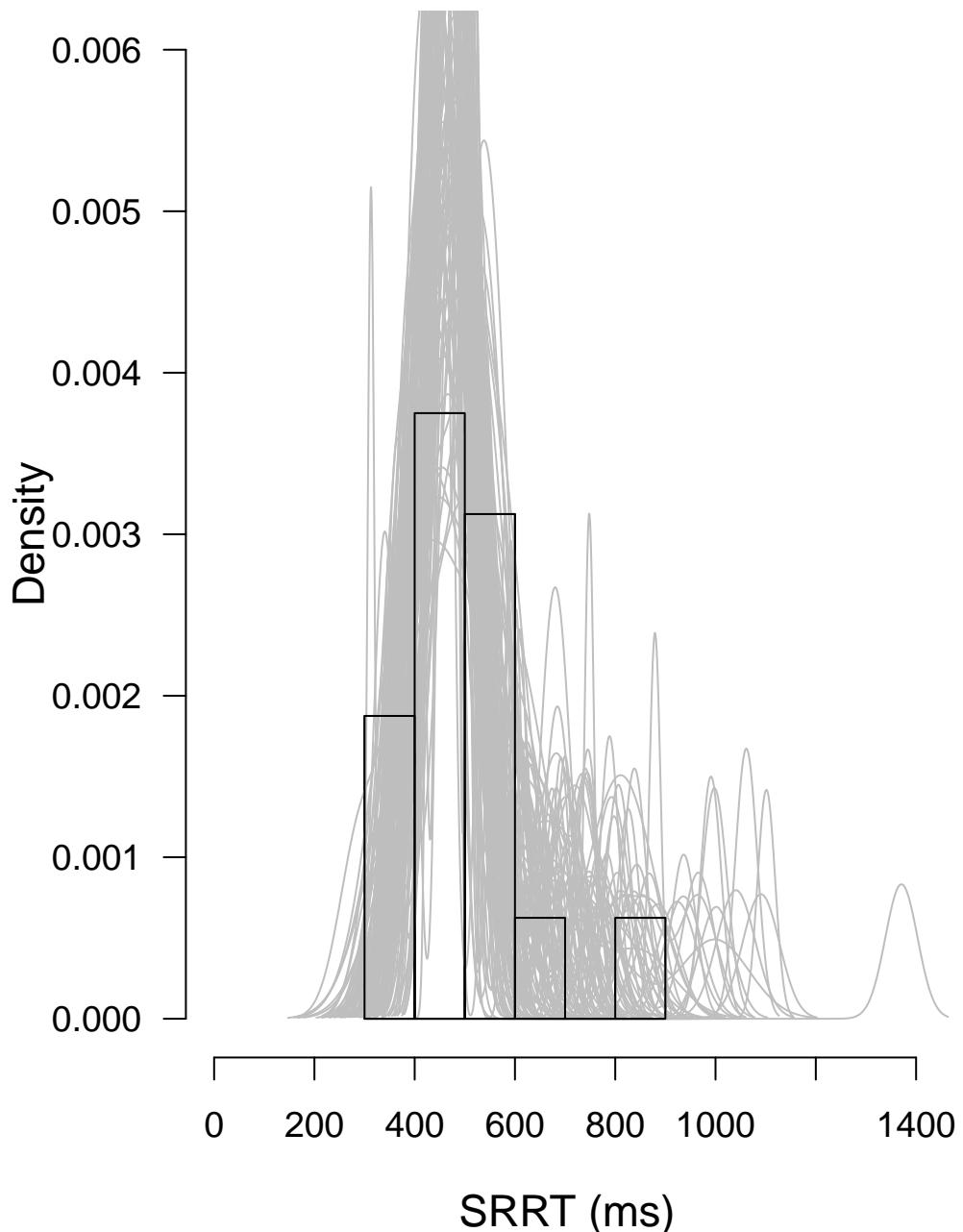
**Posterior predictive model check for SRRT distribution  
Subject 10  
at SSD = 200**



**Posterior predictive model check for SRRT distribution  
Subject 10  
at SSD = 250**

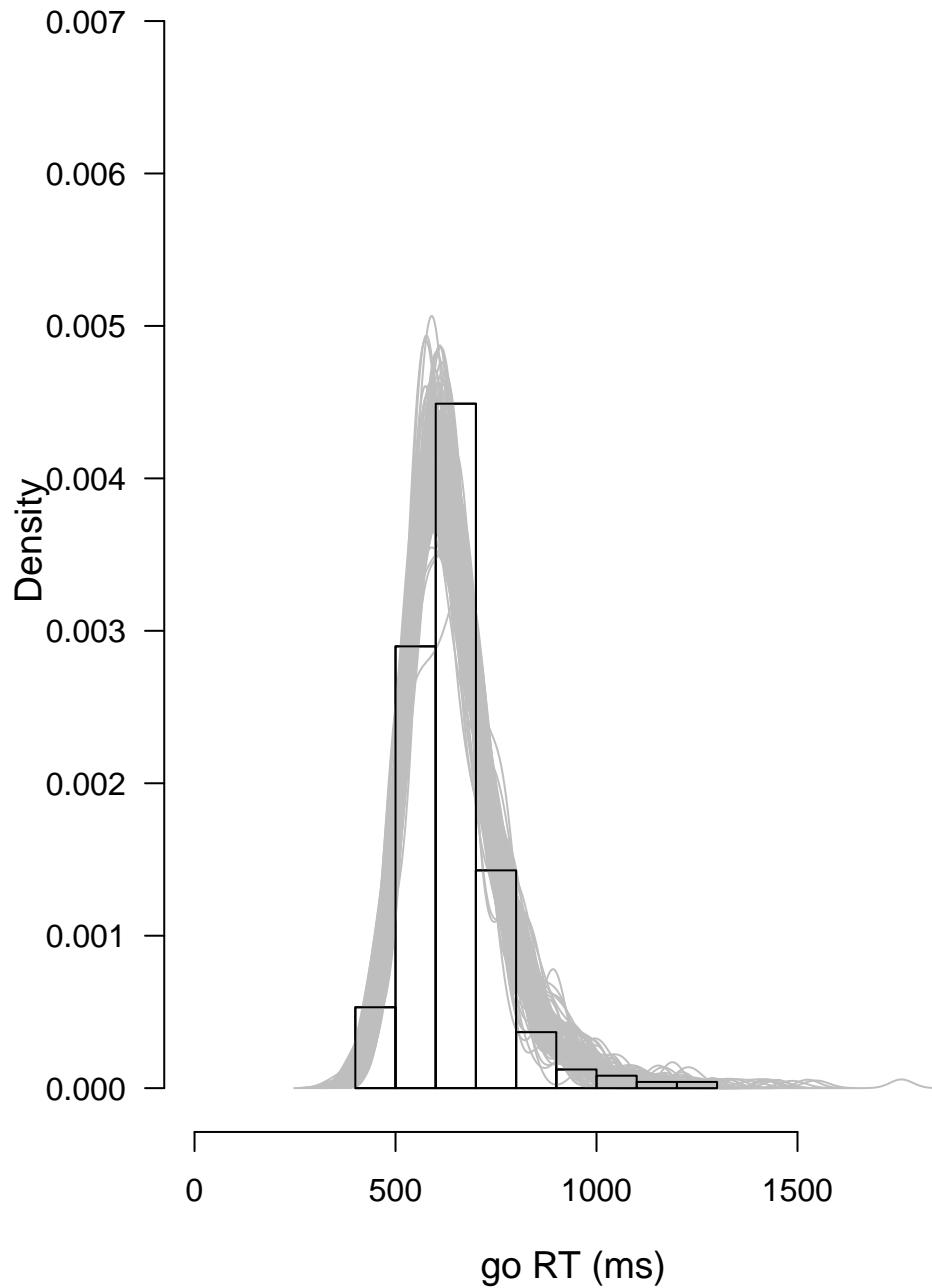


**Posterior predictive model check for SRRT distribution  
Subject 10  
at SSD = 300**



# **Posterior predictive model check for go RT distribution**

## **Subject 11**



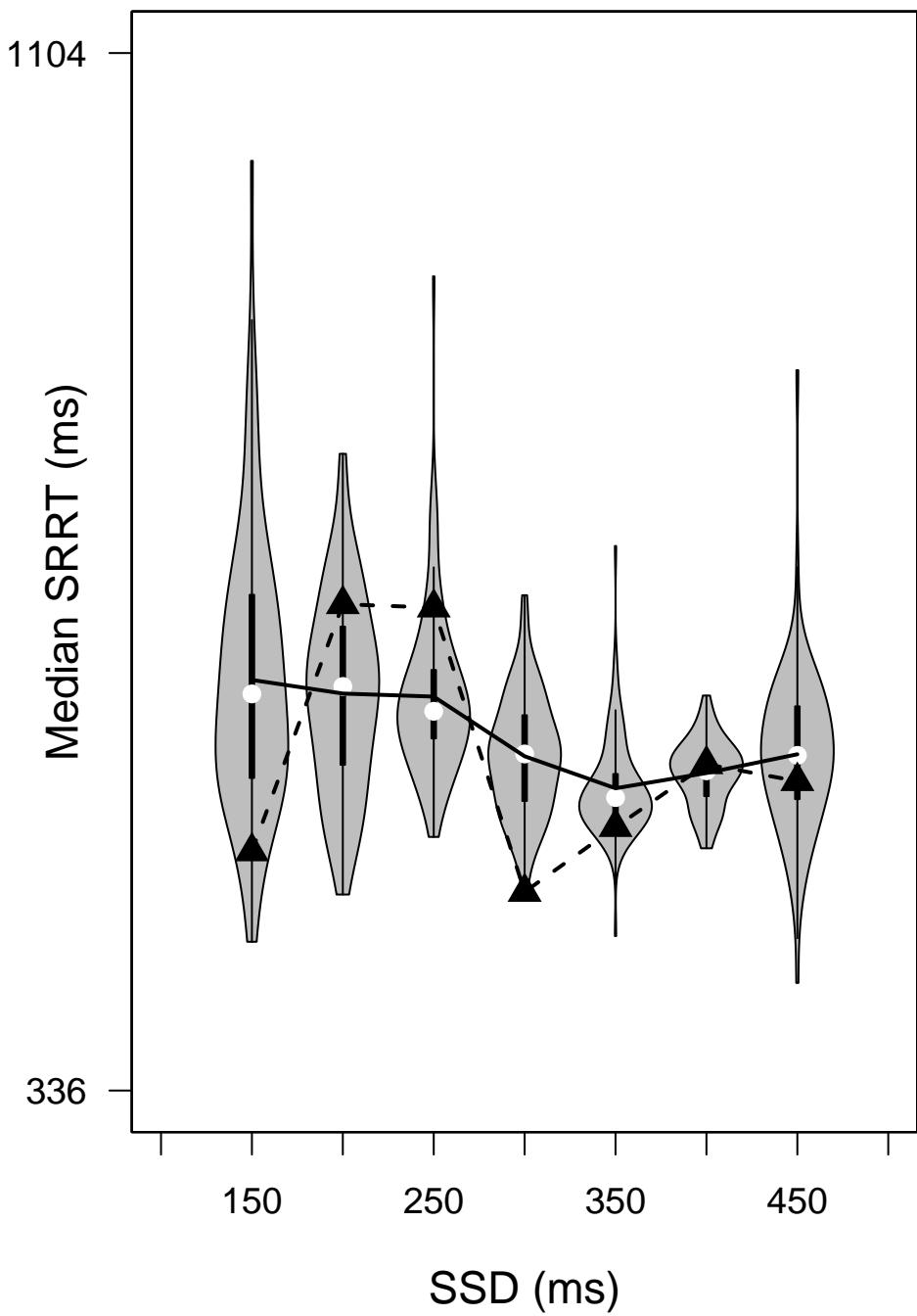
## Posterior predictive p values for median SRRT

### Subject 11

	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400	SSD=450
Number of observed SRRT	3	3	8	10	11	10	2
Observed median SRRT	513	696	693.5	483	531	577.5	565
Average predicted SRRT	639.93	629.86	627.6	583.44	559.75	571.04	584.91
One-sided p value	0.94	0.18	0.11	0.99	0.89	0.44	0.643
Two-sided p value	0.12	0.36	0.22	0.02	0.22	0.88	0.714

# Posterior predictive model check for median SRRT

## Subject 11



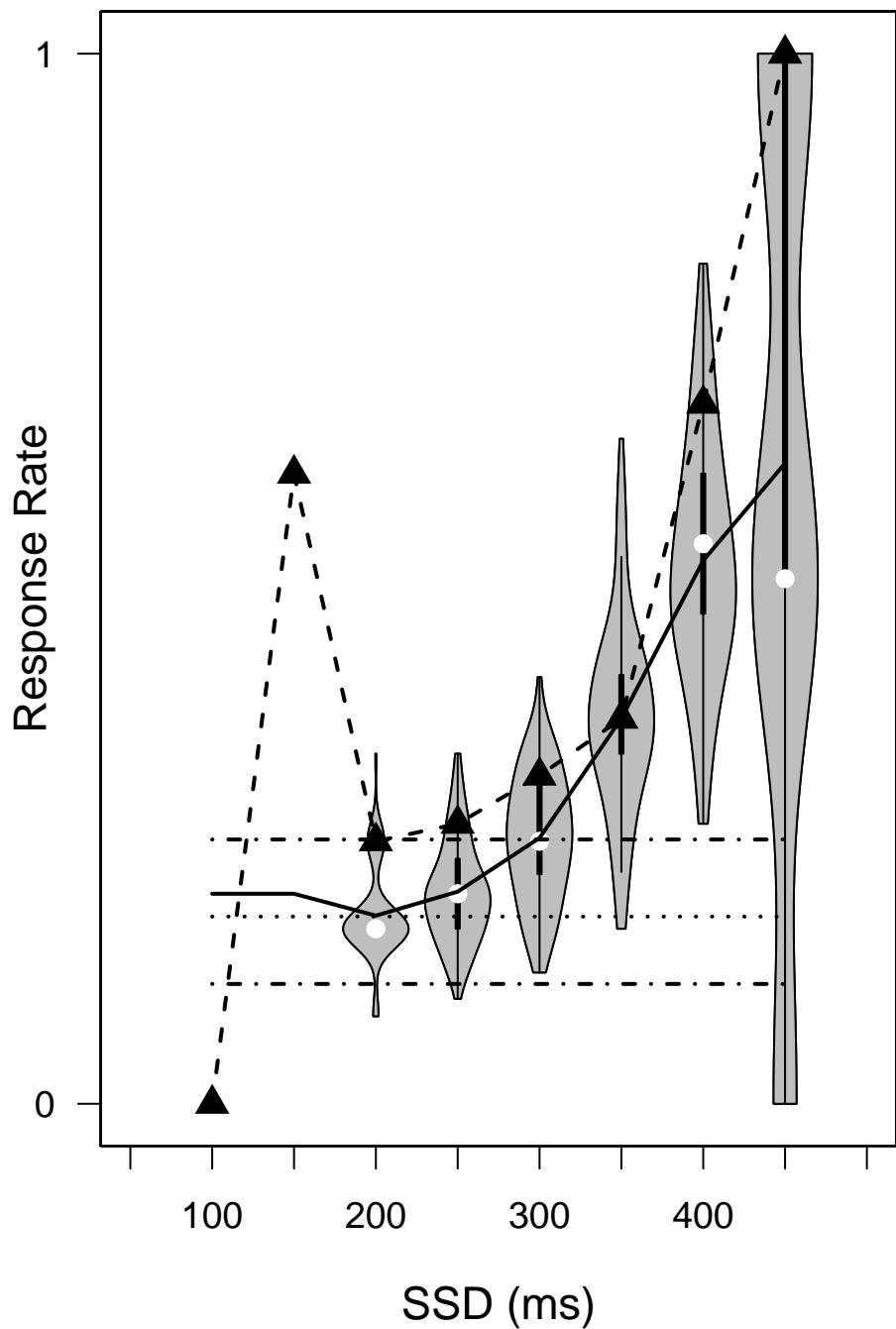
## Posterior predictive p values for inhibition function

**Subject 11**

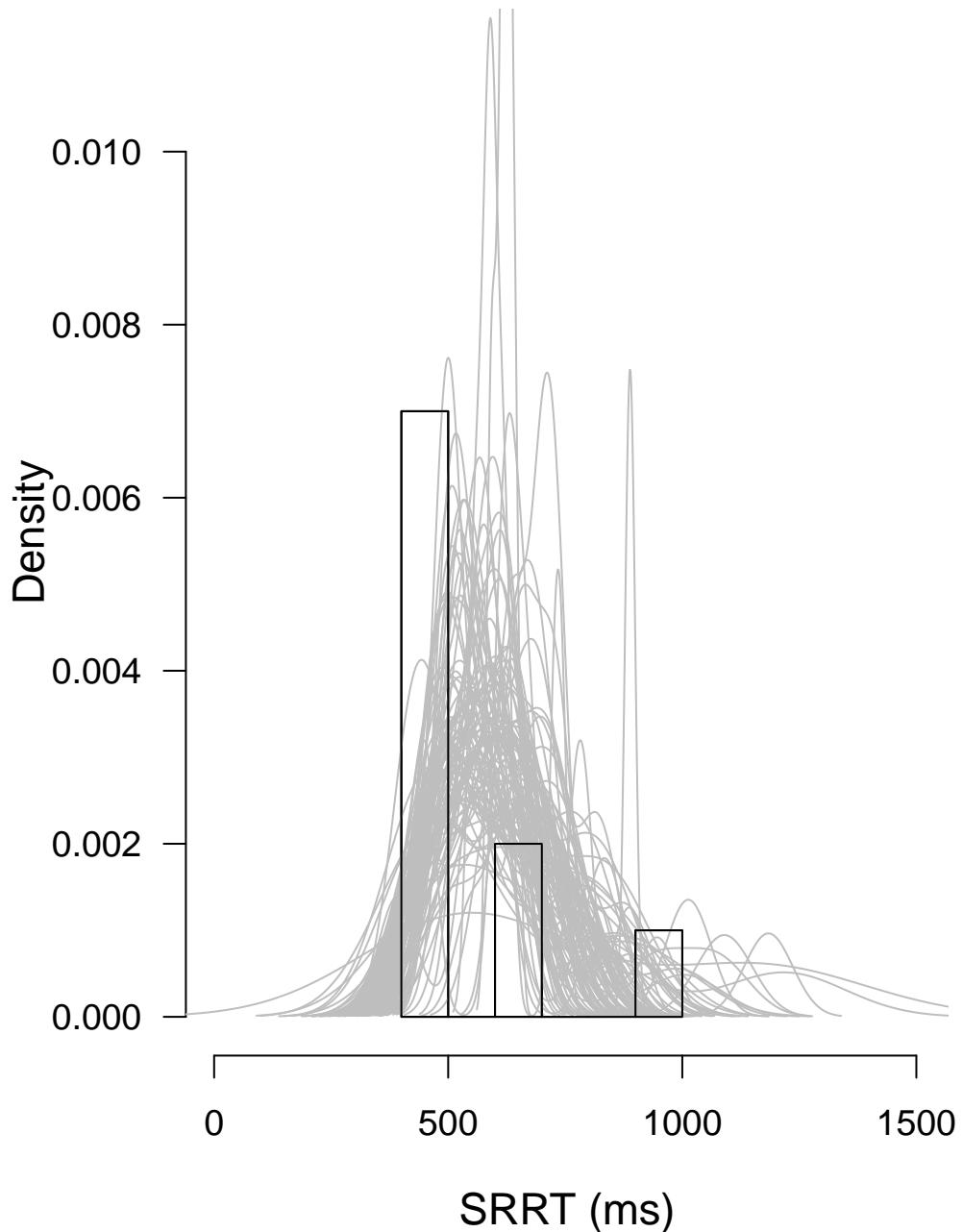
	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400	SSD=450
Number of stop-signal trials	5	5	12	30	32	30	15	2
Observed response rate	0	0.6	0.25	0.27	0.31	0.37	0.67	1
Average predicted response rate	0.2	0.2	0.18	0.2	0.25	0.37	0.52	0.61
One-sided p value	1	0	0.01	0.07	0.12	0.4	0.08	0.38
Two-sided p value	0	0	0.02	0.14	0.24	0.8	0.16	0.76

# Posterior predictive model check for inhibition function

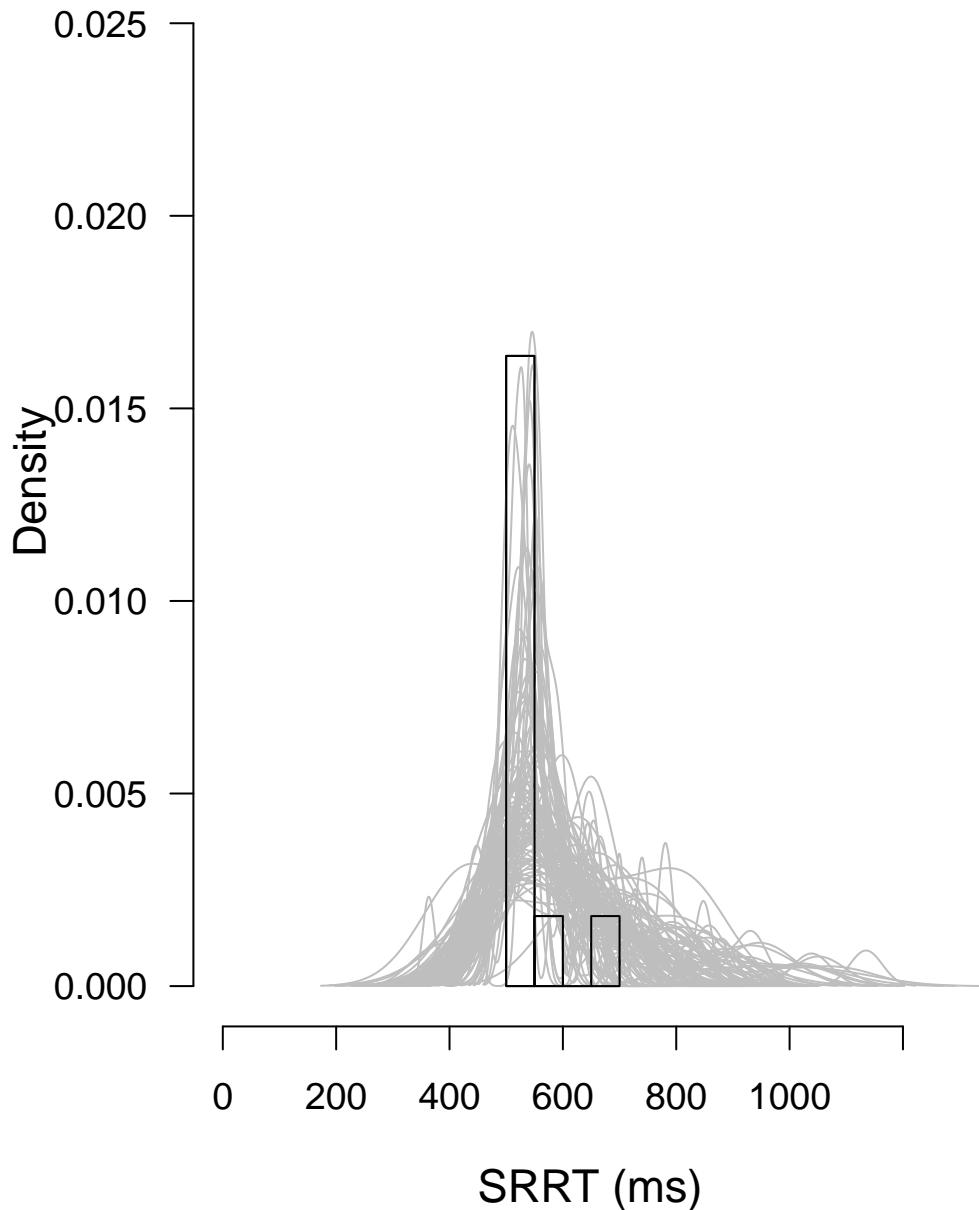
## Subject 11



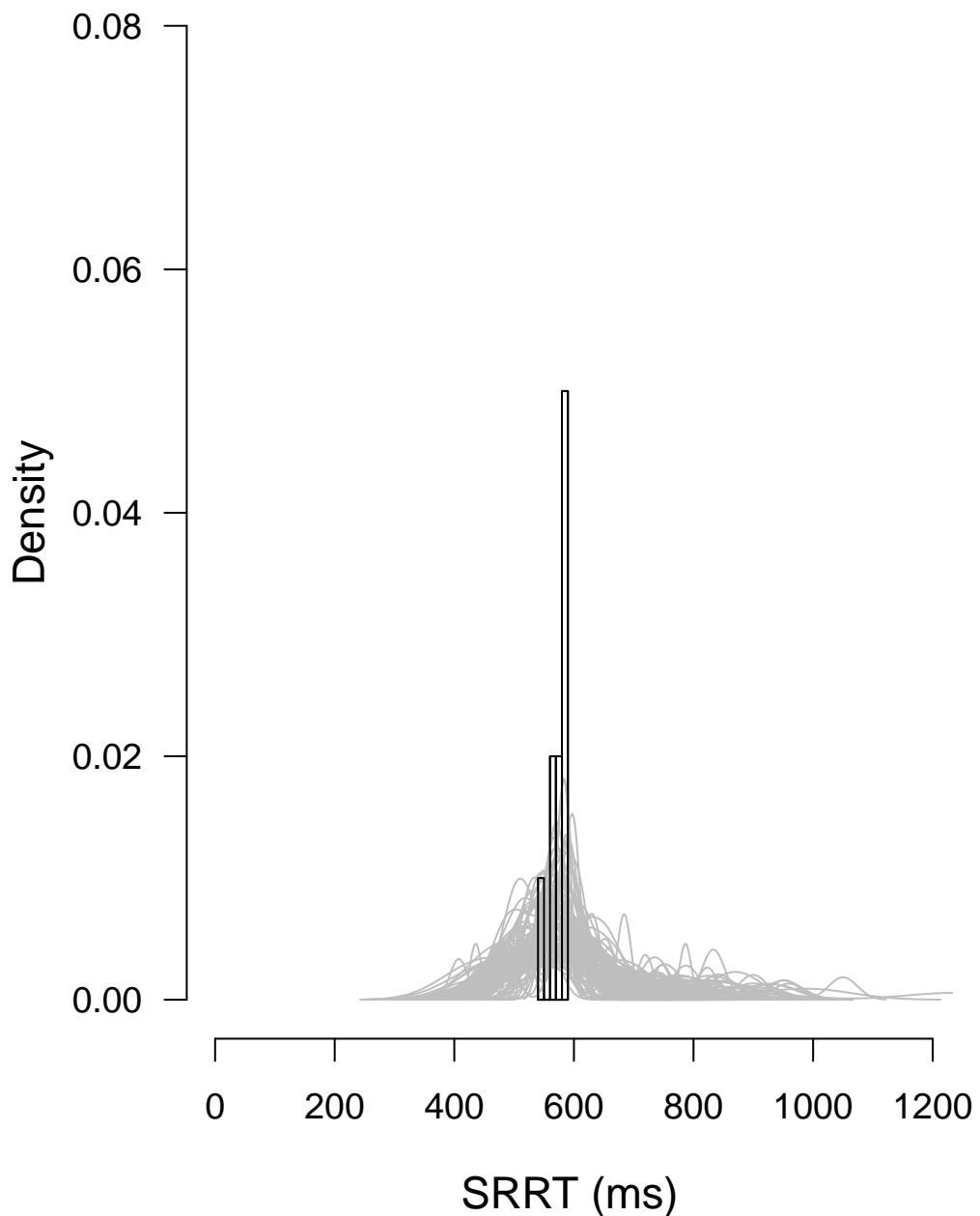
**Posterior predictive model check for SRRT distribution  
Subject 11  
at SSD = 300**



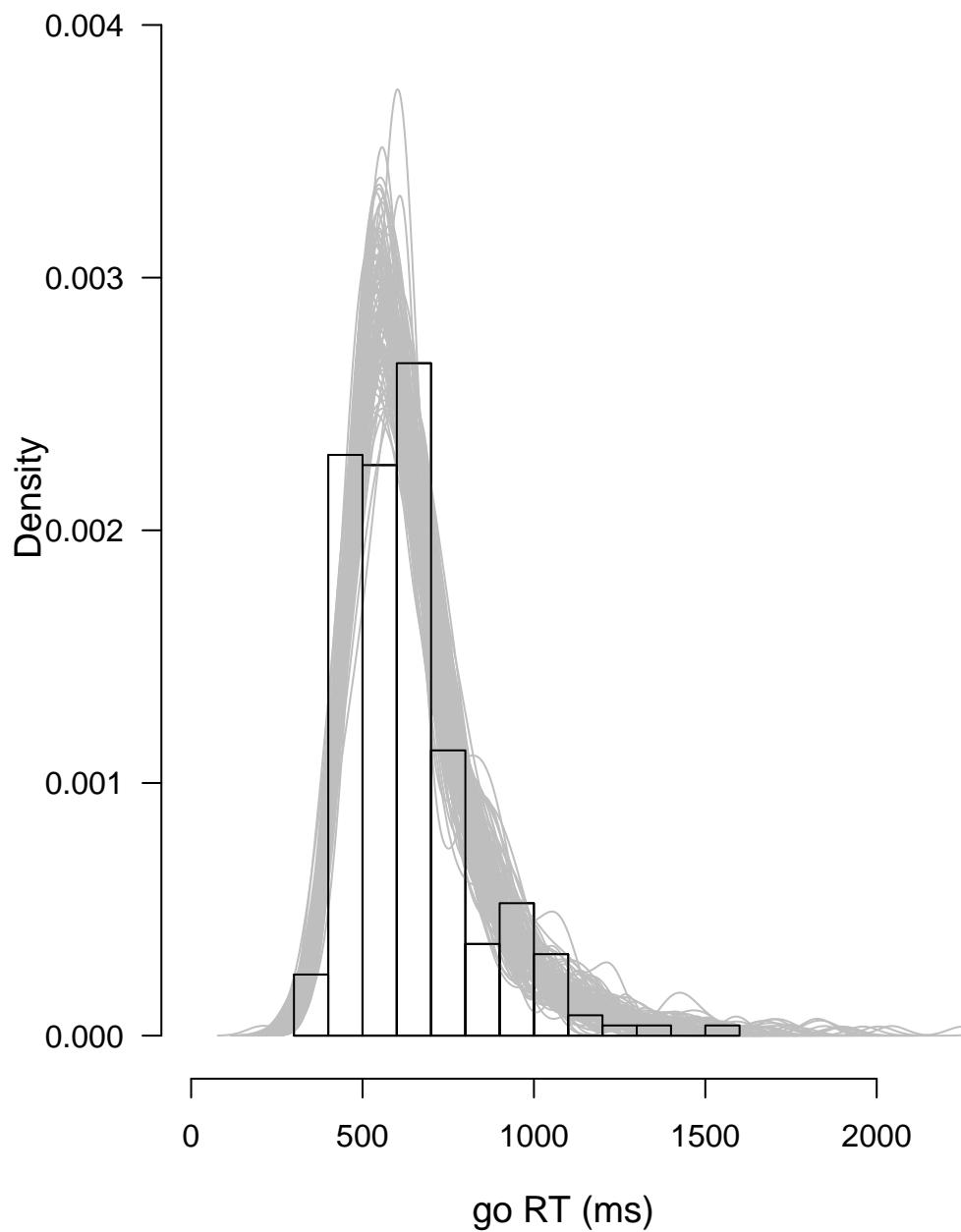
**Posterior predictive model check for SRRT distribution  
Subject 11  
at SSD = 350**



**Posterior predictive model check for SRRT distribution  
Subject 11  
at SSD = 400**



## Posterior predictive model check for go RT distribution Subject 12



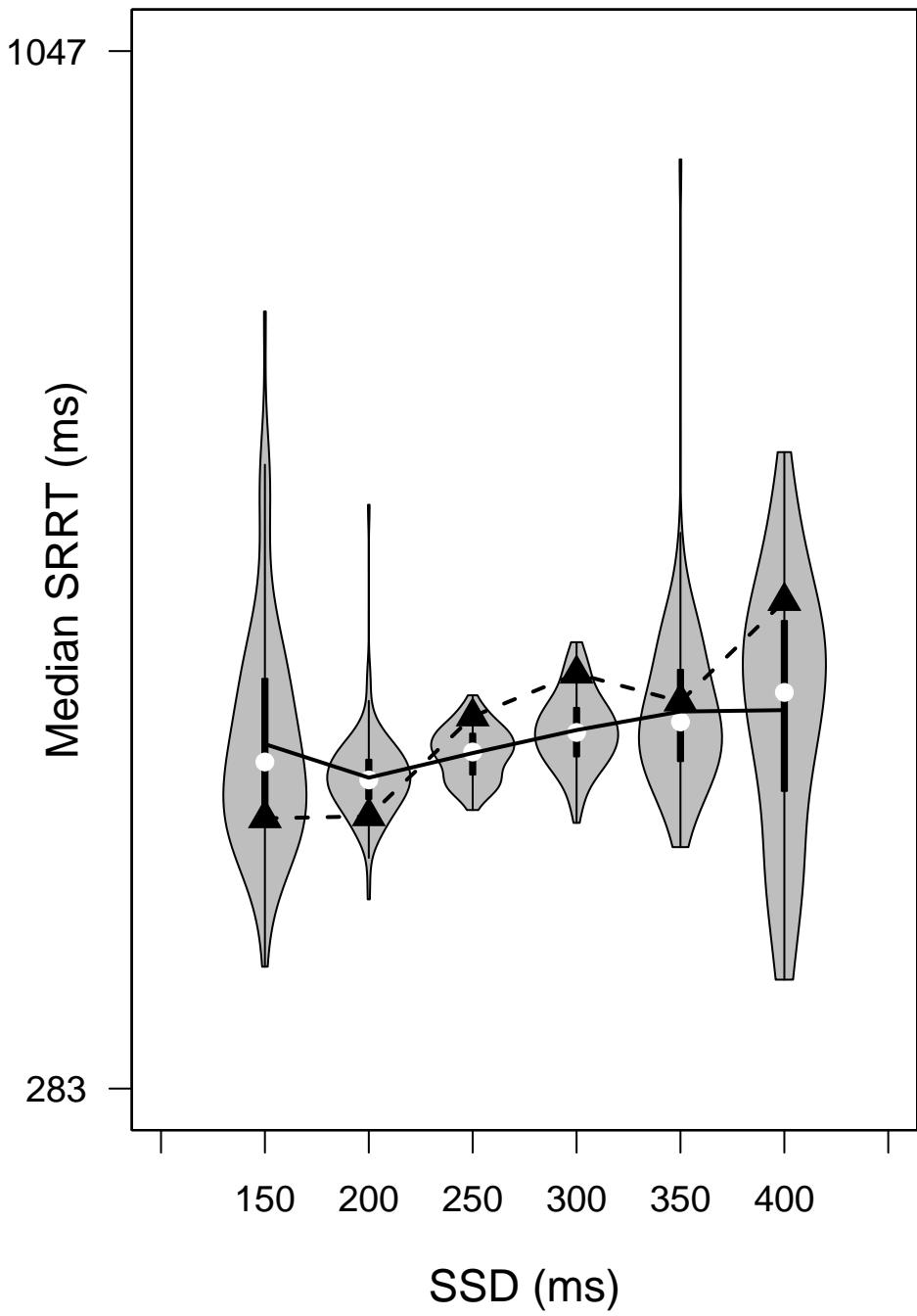
## Posterior predictive p values for median SRRT

**Subject 12**

	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400
Number of observed SRRT	1	10	29	16	5	1
Observed median SRRT	482	483.5	557	588.5	568	642
Average predicted SRRT	536.67	511.95	530.07	546.99	560.65	561.69
One-sided p value	0.72	0.86	0.08	0.1	0.36	0.16
Two-sided p value	0.56	0.28	0.16	0.2	0.72	0.32

# Posterior predictive model check for median SRRT

## Subject 12

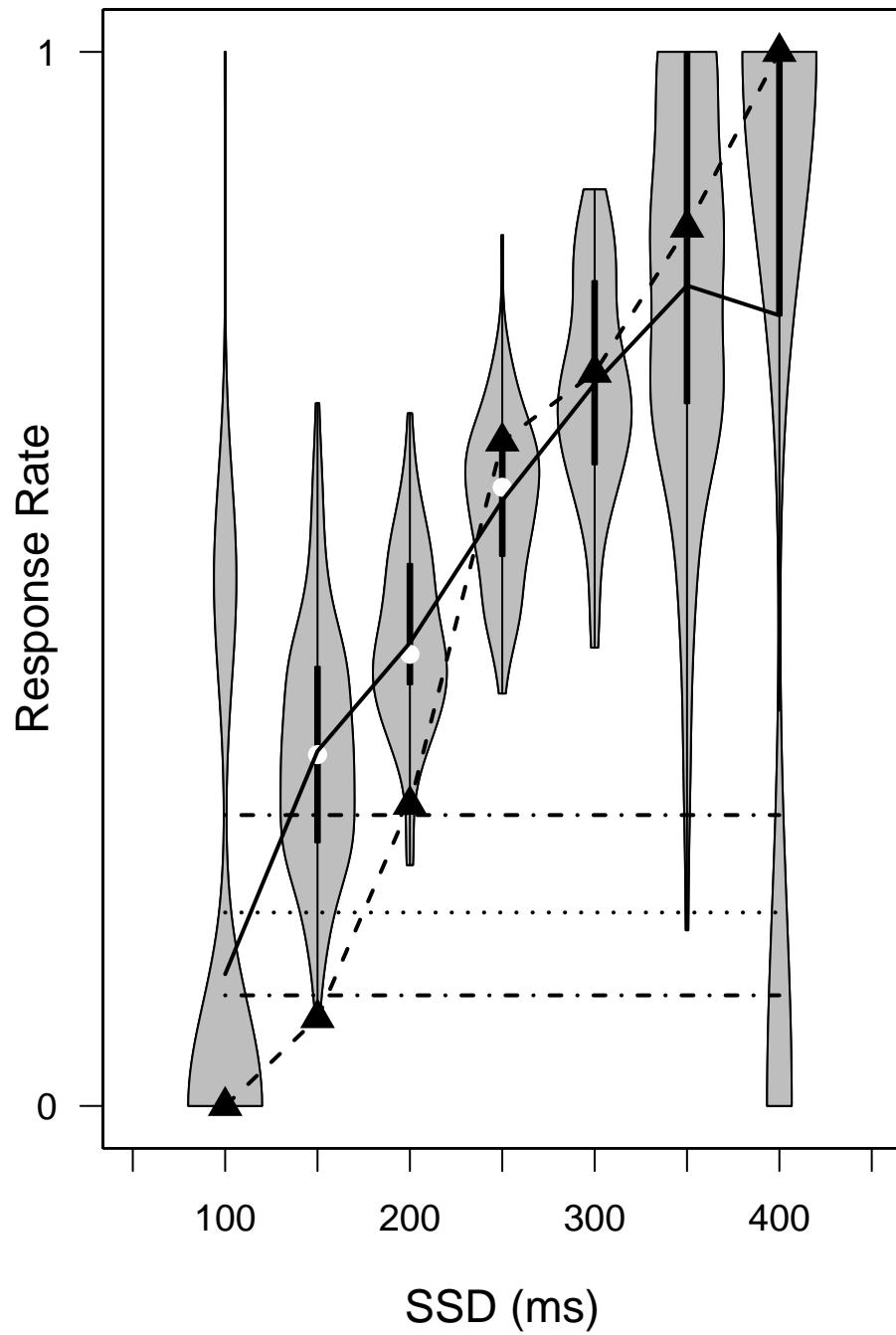


Posterior predictive p values for inhibition function  
**Subject 12**

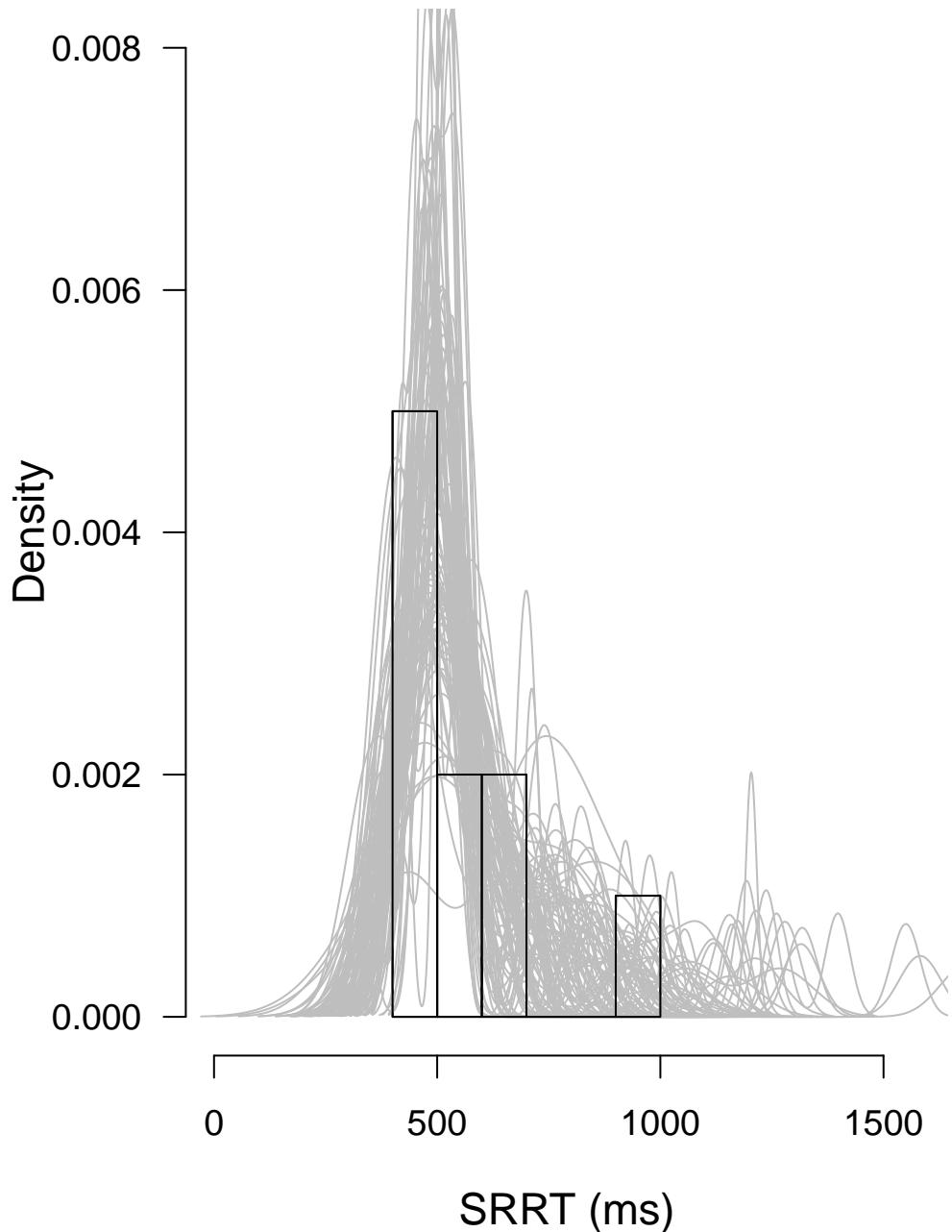
	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400
Number of stop–signal trials	2	12	35	46	23	6	1
Observed response rate	0	0.08	0.29	0.63	0.7	0.83	1
Average predicted response rate	0.12	0.34	0.44	0.57	0.69	0.78	0.75
One–sided p value	0.24	0.99	0.96	0.17	0.33	0.26	0.75
Two–sided p value	0.48	0.02	0.08	0.34	0.66	0.52	0.5

# Posterior predictive model check for inhibition function

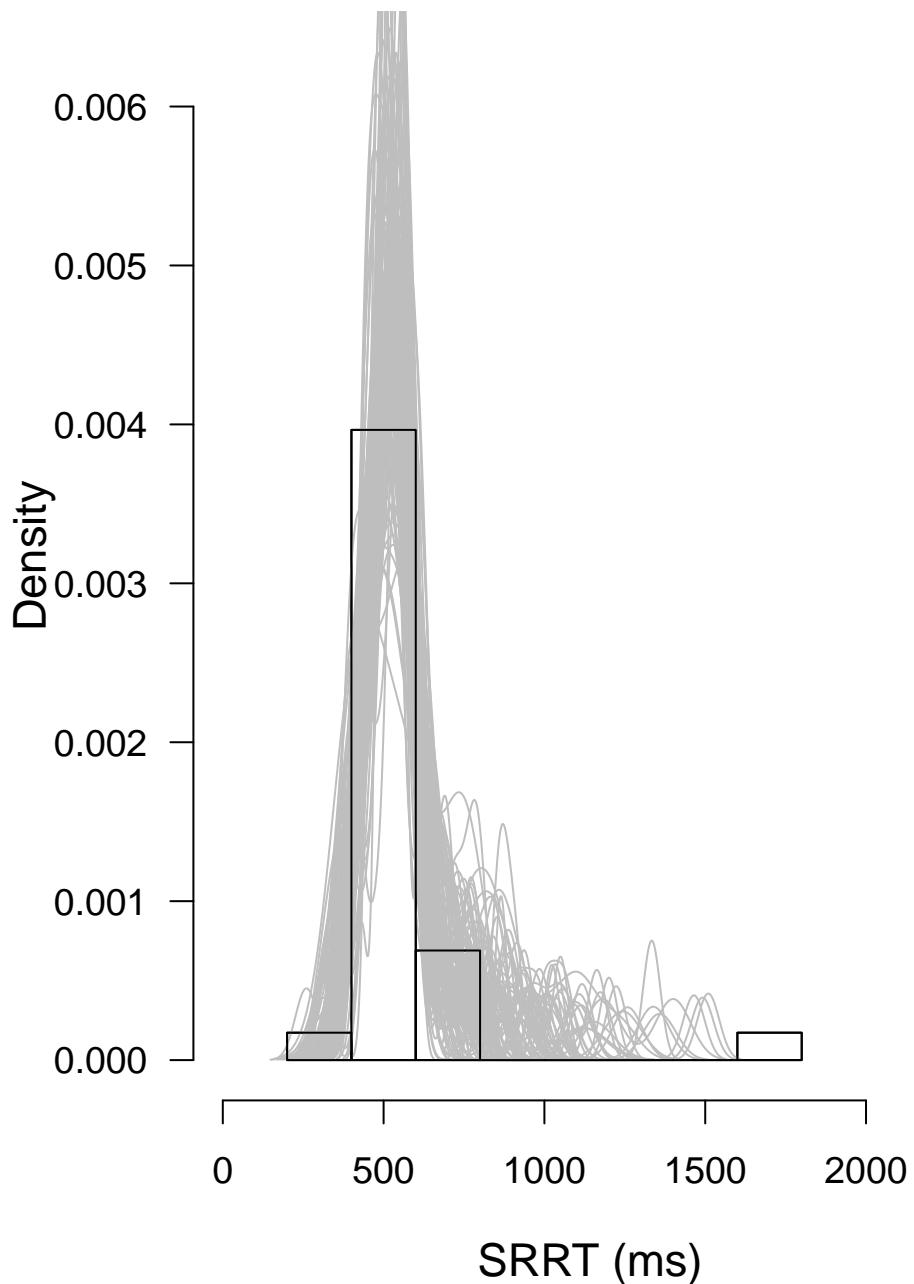
## Subject 12



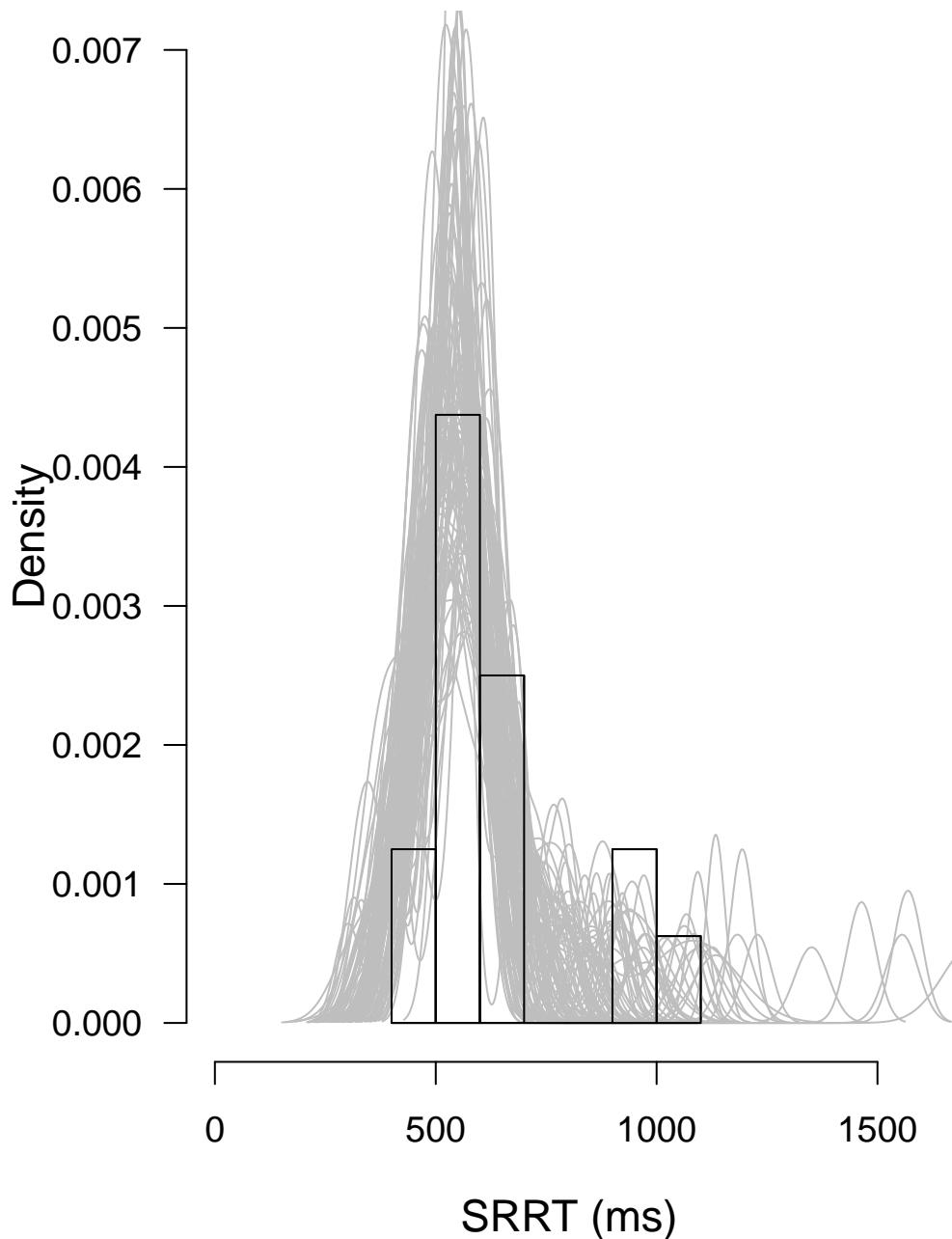
**Posterior predictive model check for SRRT distribution  
Subject 12  
at SSD = 200**



**Posterior predictive model check for SRRT distribution  
Subject 12  
at SSD = 250**

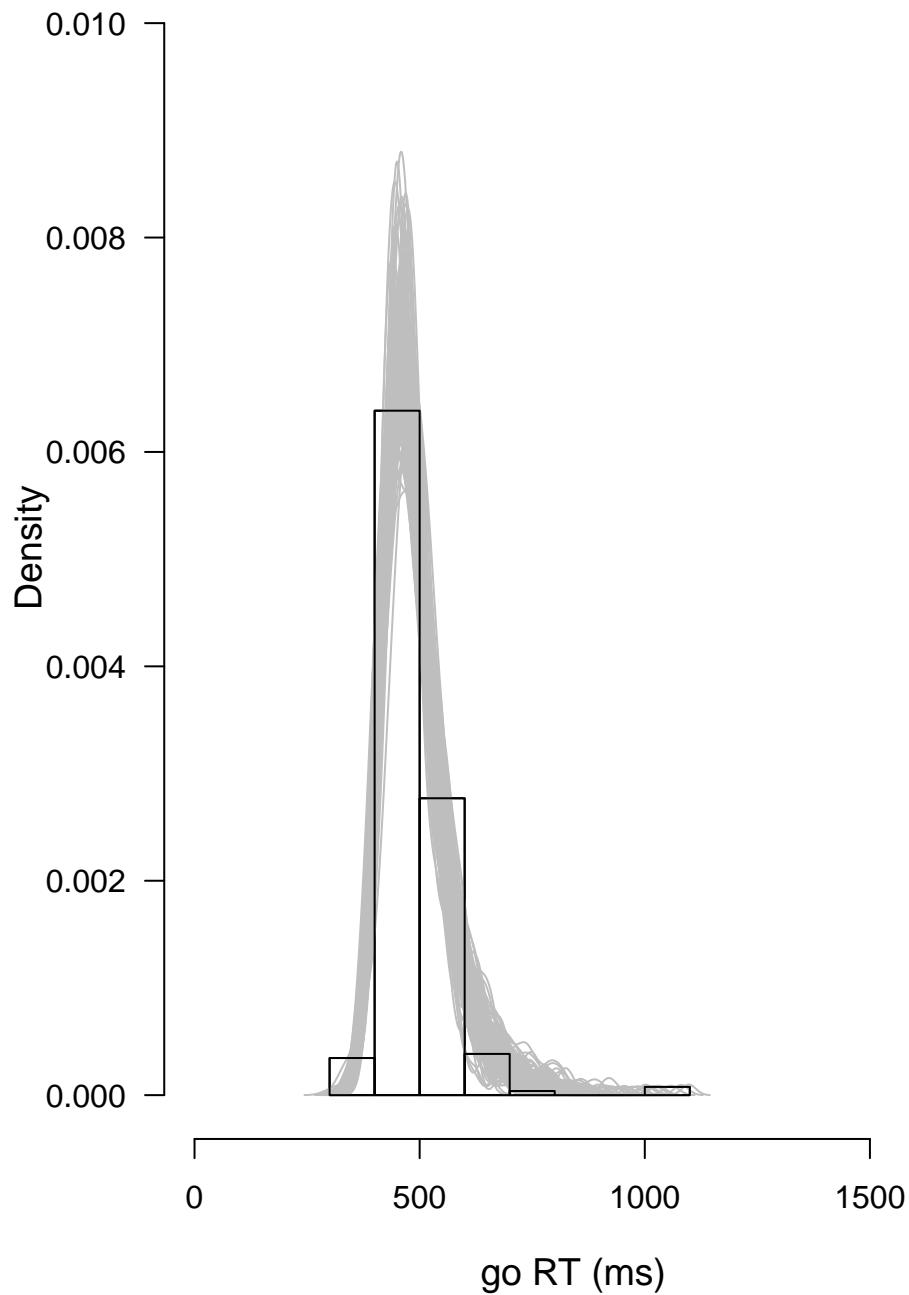


**Posterior predictive model check for SRRT distribution  
Subject 12  
at SSD = 300**



# **Posterior predictive model check for go RT distribution**

## **Subject 13**



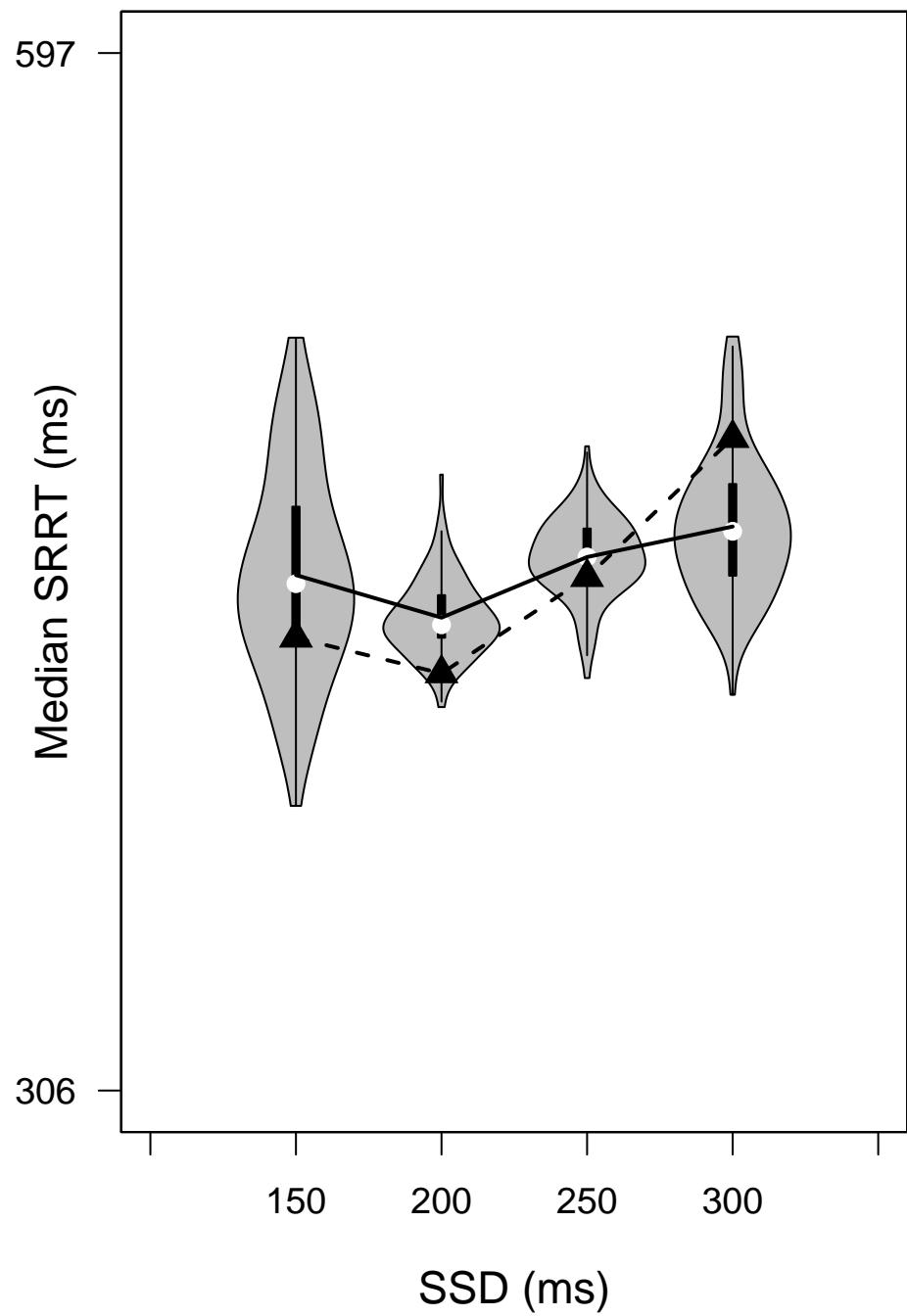
## Posterior predictive p values for median SRRT

Subject 13

	SSD=150	SSD=200	SSD=250	SSD=300
Number of observed SRRT	7	18	23	11
Observed median SRRT	433	423	450	489
Average predicted SRRT	450.58	438.64	455.64	464.19
One-sided p value	0.75	0.97	0.73	0.1
Two-sided p value	0.5	0.06	0.54	0.2

# Posterior predictive model check for median SRRT

## Subject 13

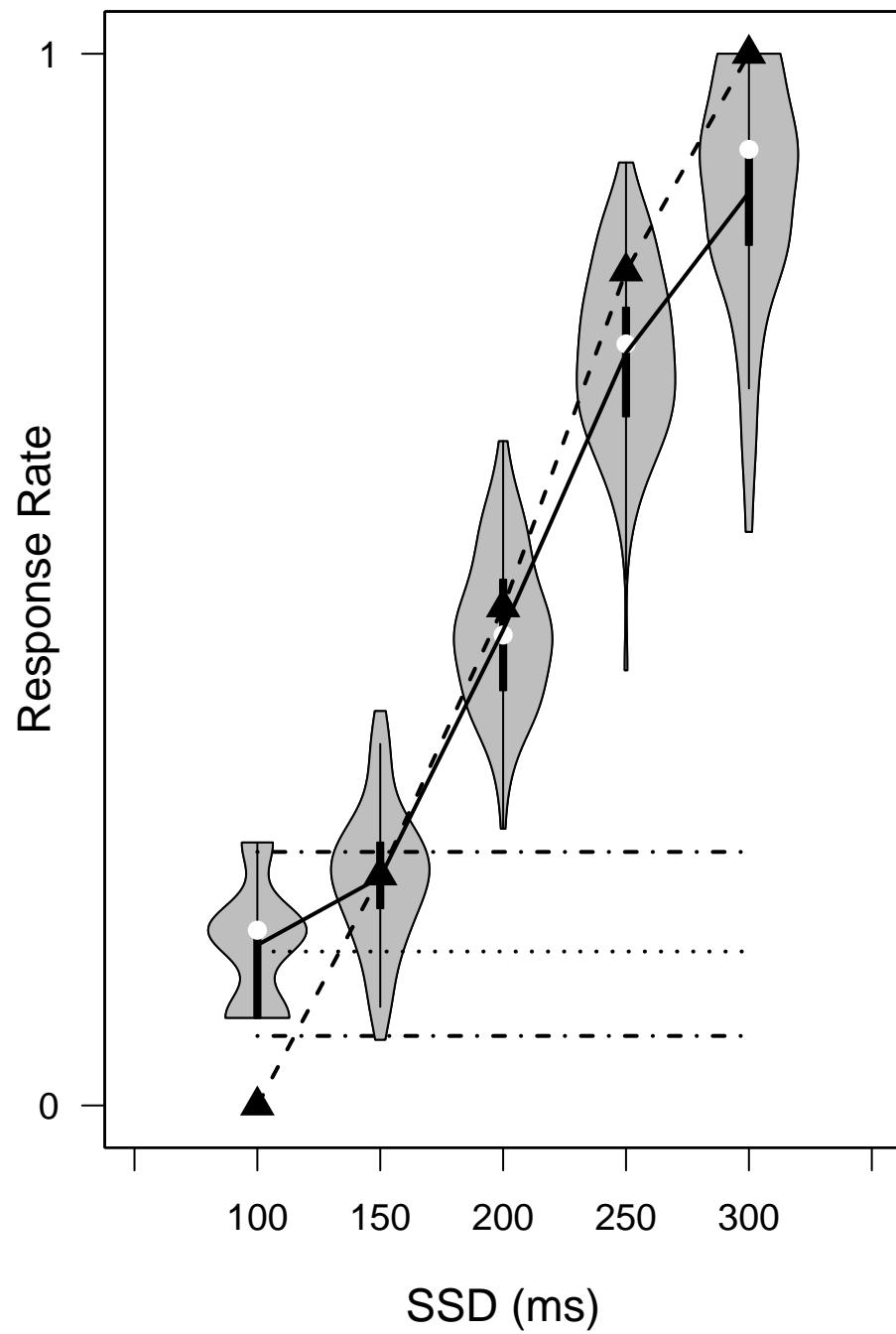


### Posterior predictive p values for inhibition function

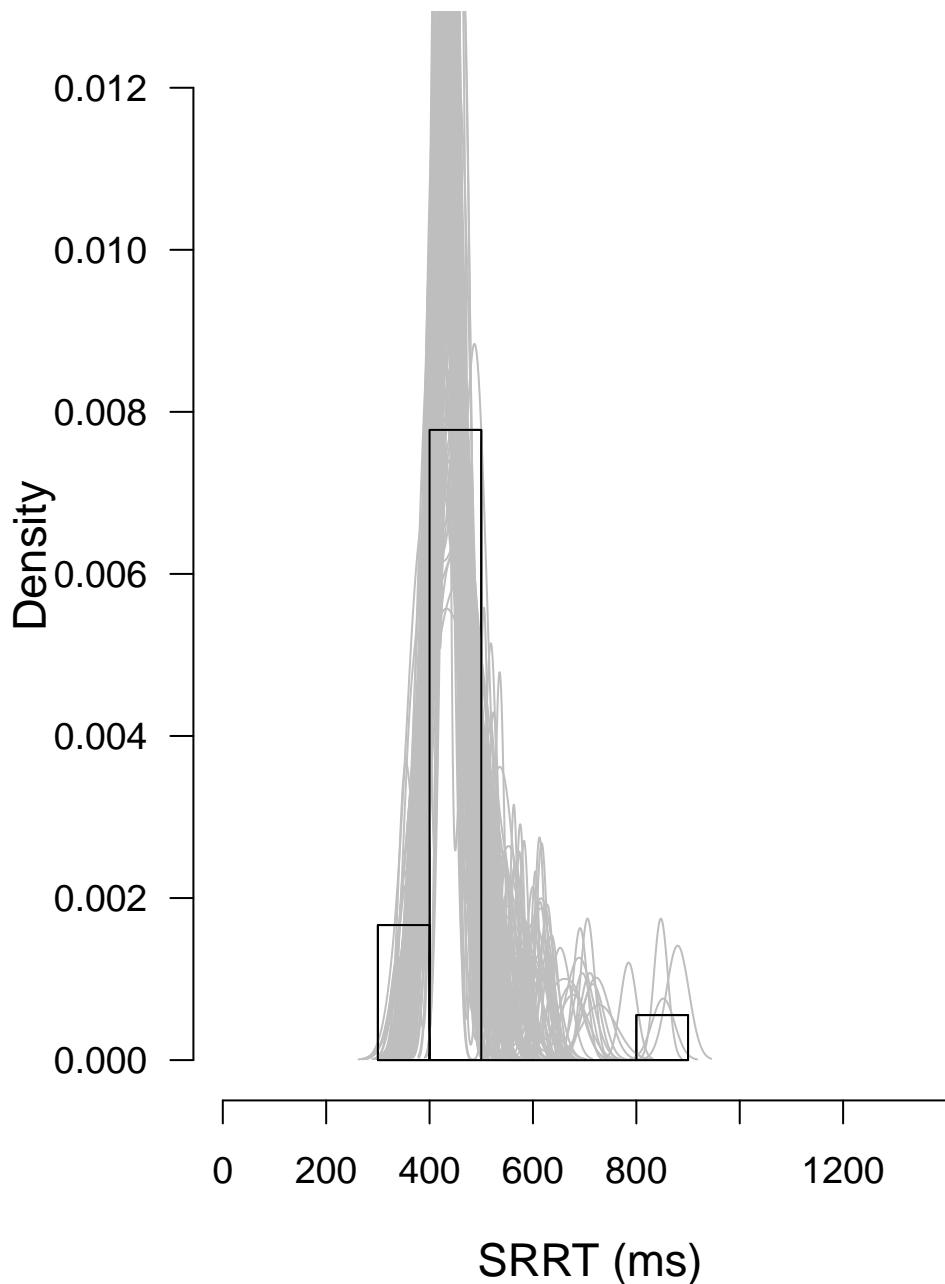
	Subject 13				
	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300
Number of stop–signal trials	12	32	38	29	11
Observed response rate	0	0.22	0.47	0.79	1
Average predicted response rate	0.15	0.22	0.45	0.72	0.87
One–sided p value	1	0.38	0.3	0.16	0.22
Two–sided p value	0	0.76	0.6	0.32	0.44

# Posterior predictive model check for inhibition function

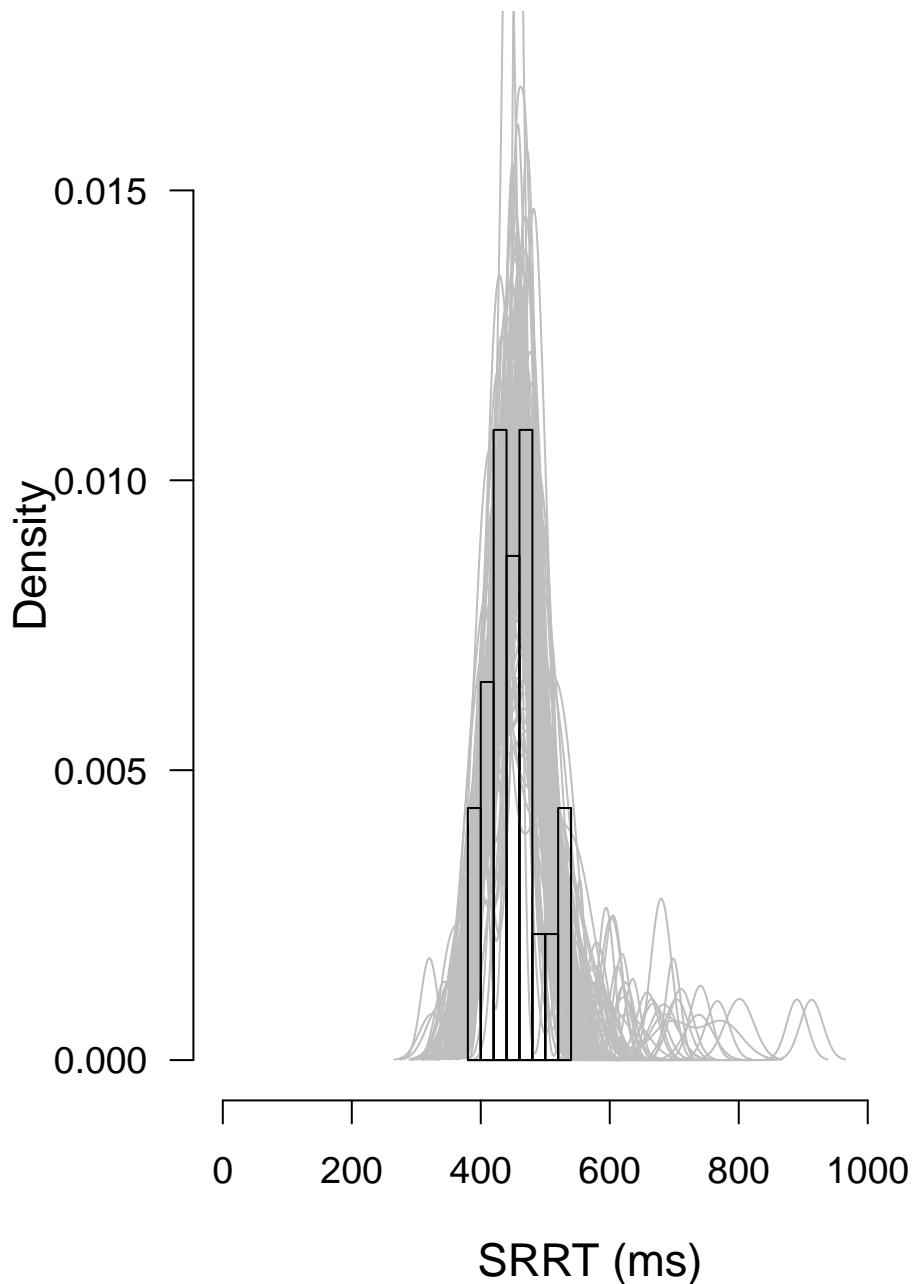
## Subject 13



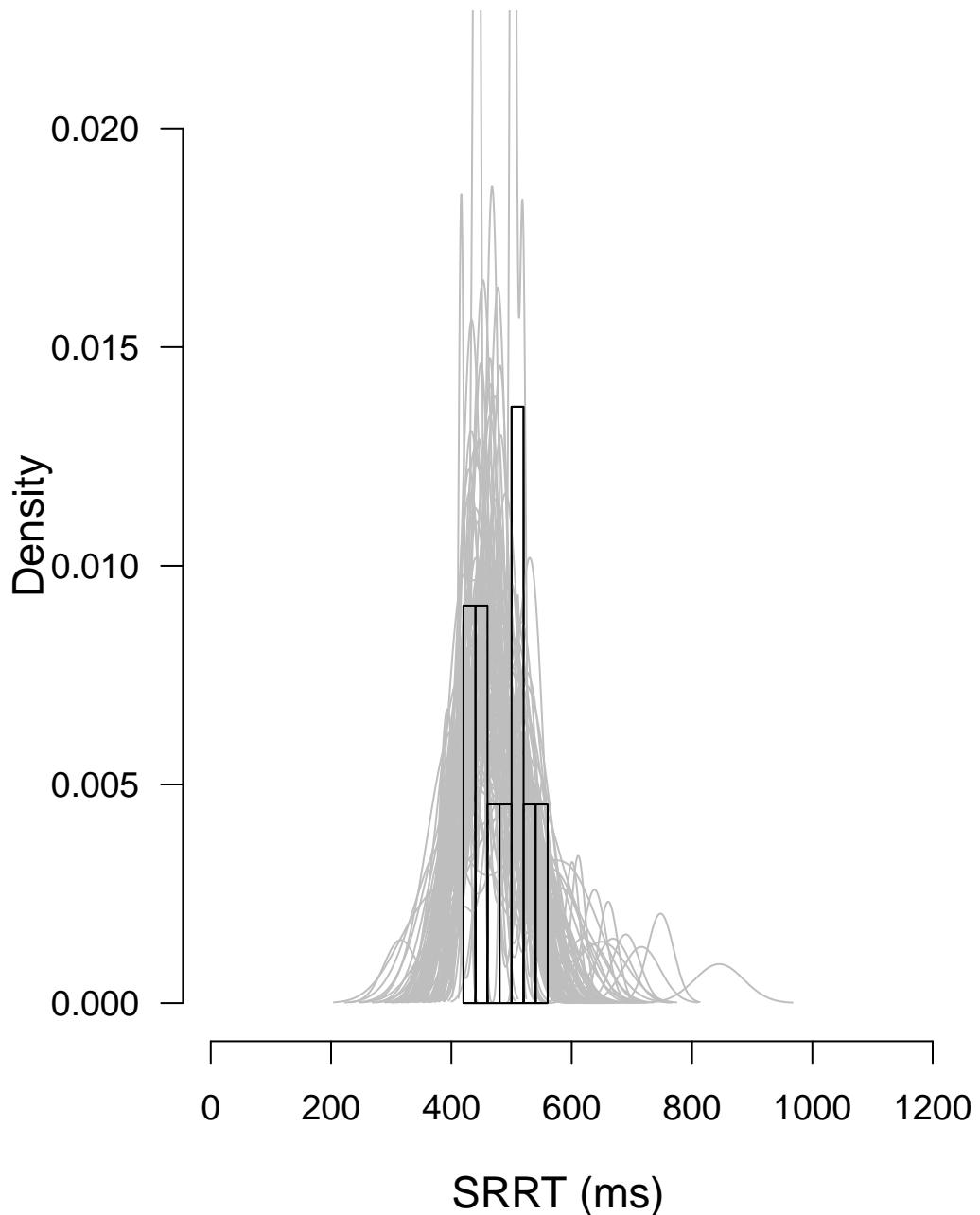
**Posterior predictive model check for SRRT distribution  
Subject 13  
at SSD = 200**



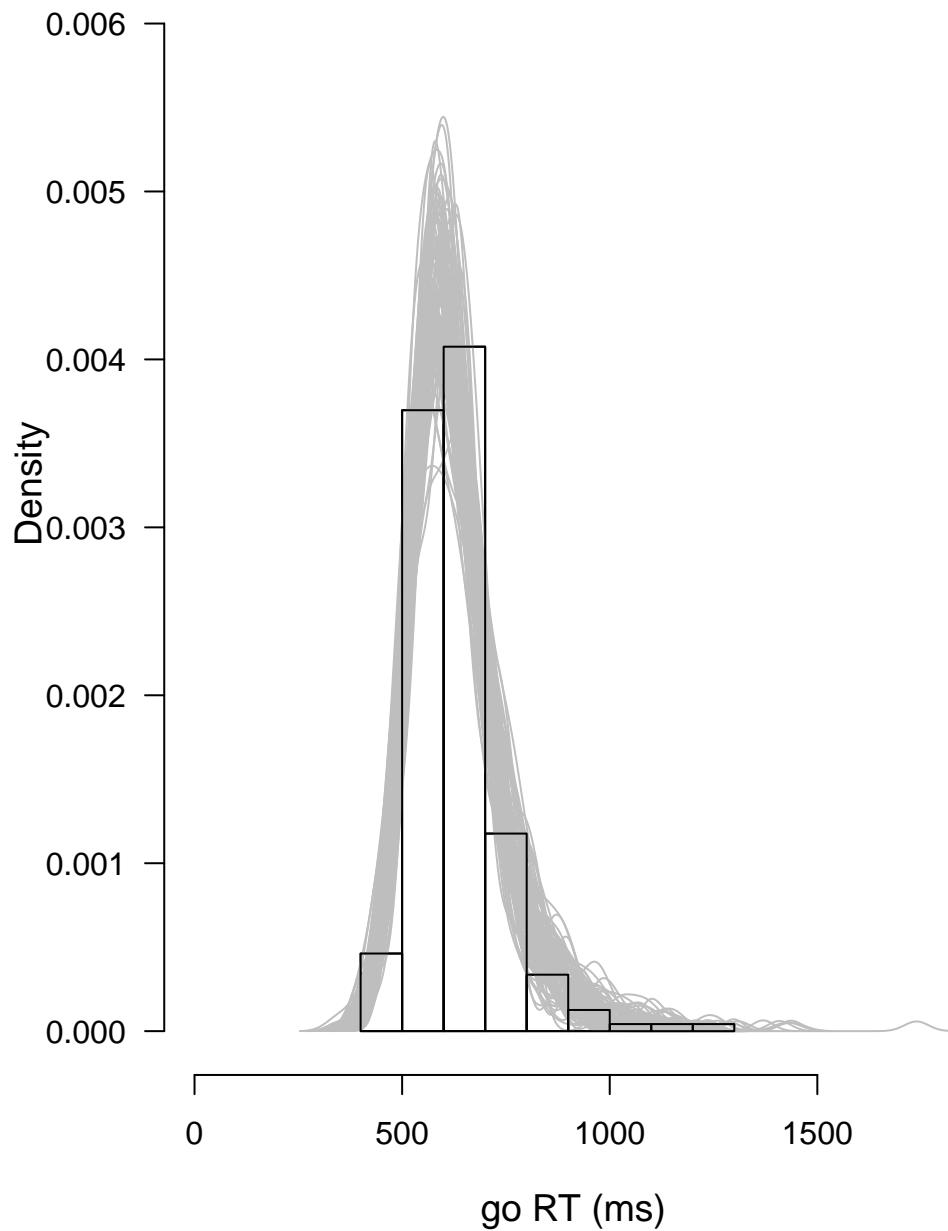
**Posterior predictive model check for SRRT distribution  
Subject 13  
at SSD = 250**



**Posterior predictive model check for SRRT distribution  
Subject 13  
at SSD = 300**



## Posterior predictive model check for go RT distribution Subject 14



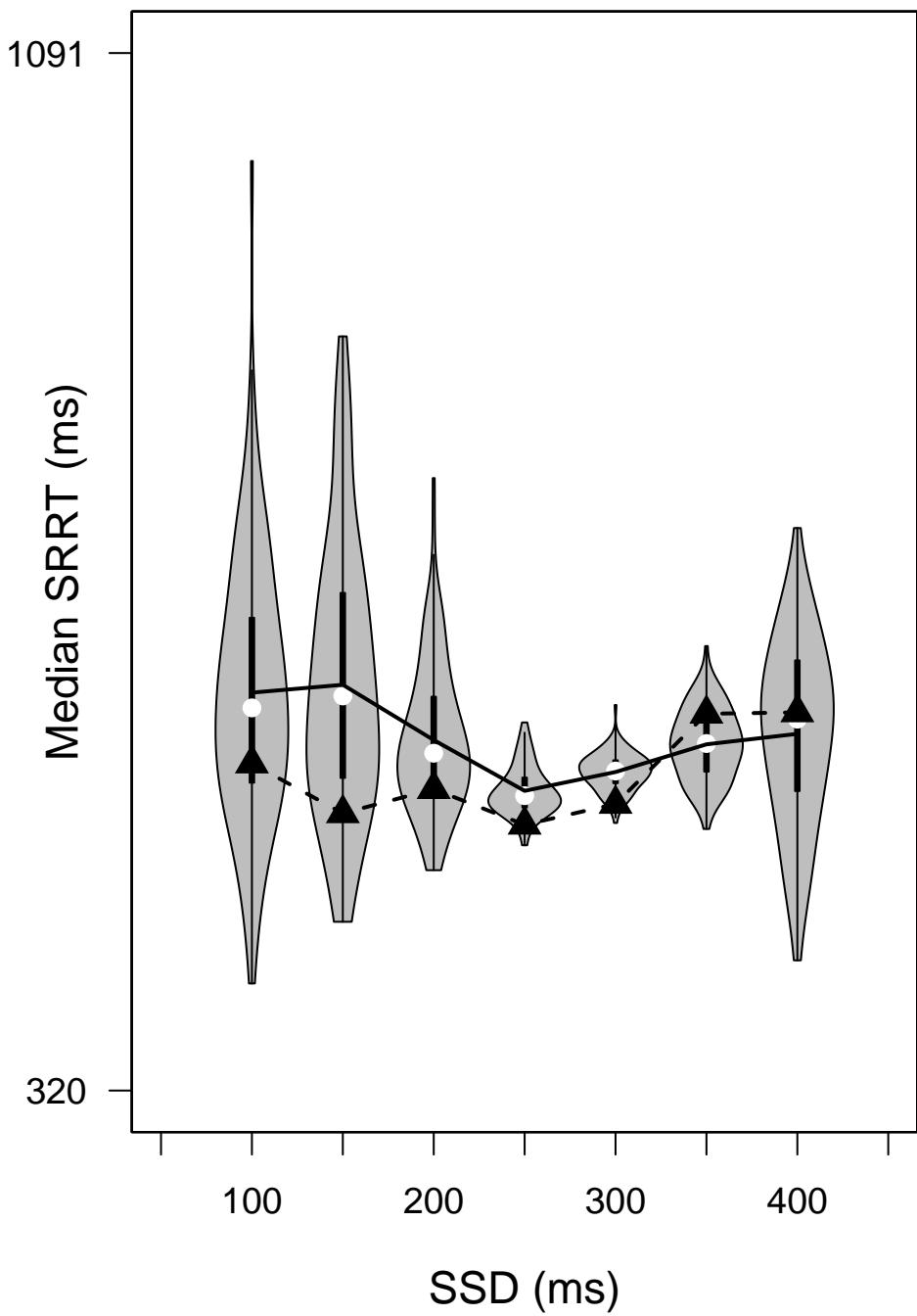
## Posterior predictive p values for median SRRT

### Subject 14

	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400
Number of observed SRRT	1	3	5	14	30	7	1
Observed median SRRT	563	526	544	517.5	533	600	601
Average predicted SRRT	615.69	621.54	580.45	542.7	556.7	577.28	585.08
One-sided p value	0.701	0.86	0.72	0.96	0.96	0.21	0.476
Two-sided p value	0.598	0.28	0.56	0.08	0.08	0.42	0.951

# Posterior predictive model check for median SRRT

## Subject 14



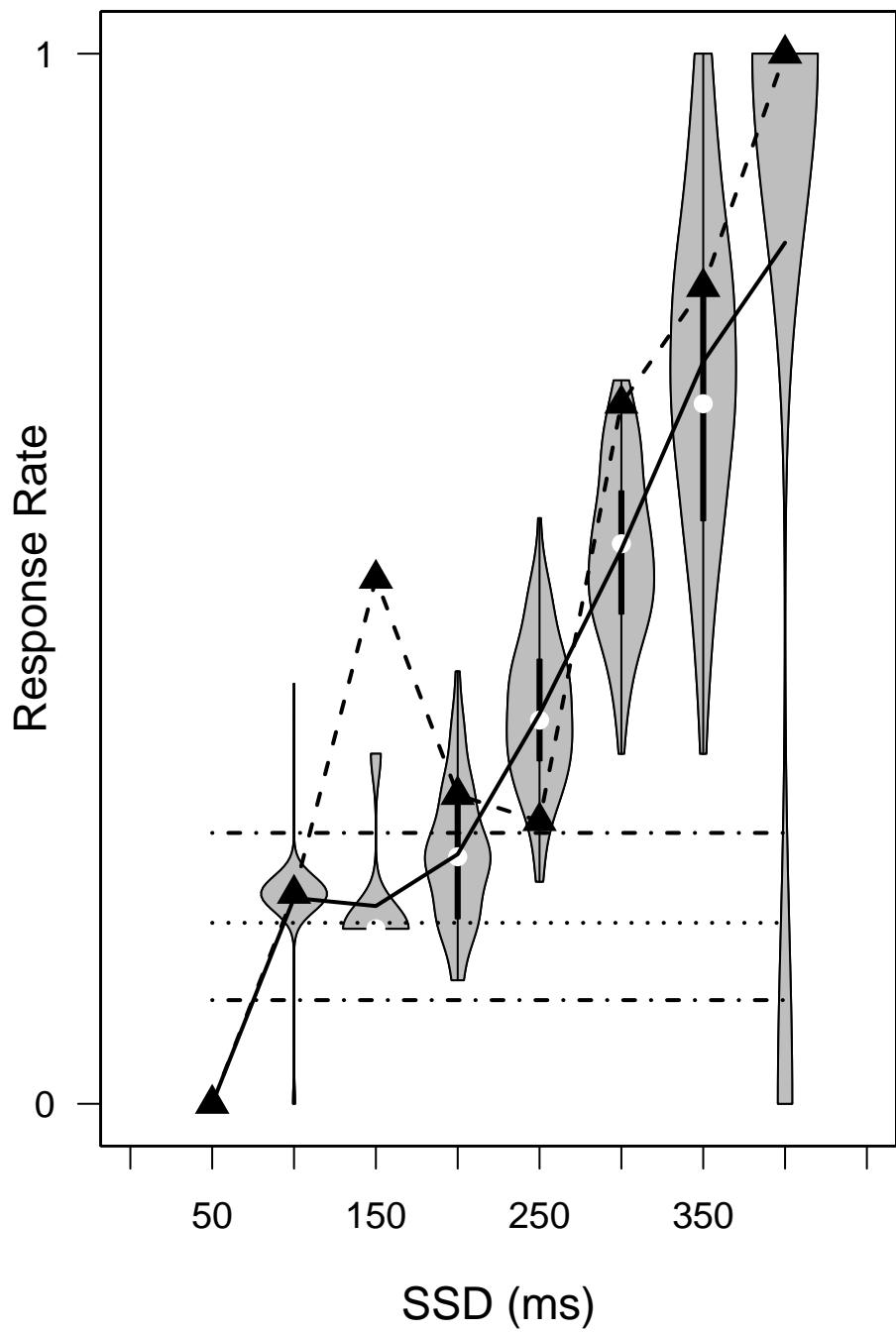
## Posterior predictive p values for inhibition function

### Subject 14

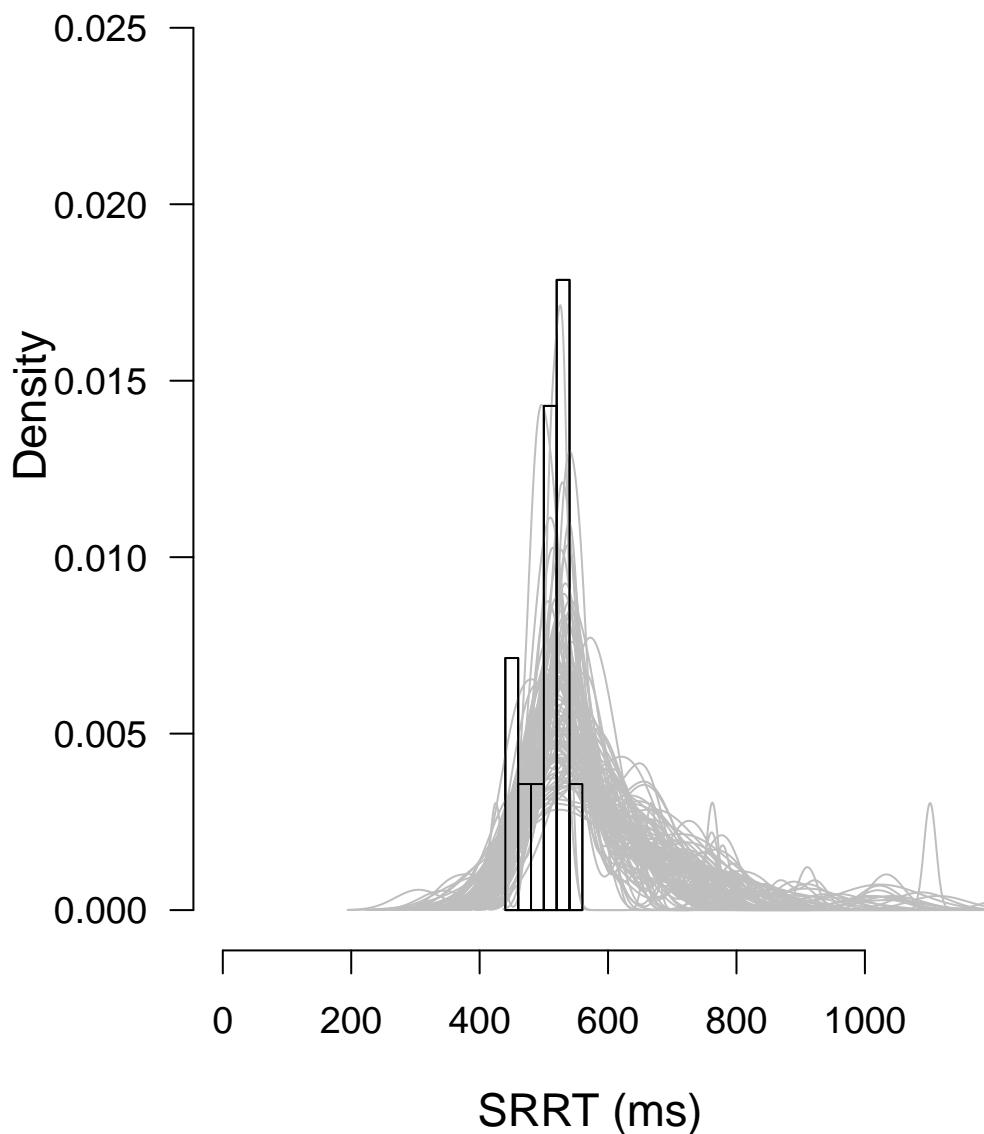
	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400
Number of stop-signal trials	1	5	6	17	52	45	9	1
Observed response rate	0	0.2	0.5	0.29	0.27	0.67	0.78	1
Average predicted response rate	0	0.2	0.19	0.24	0.37	0.53	0.71	0.82
One-sided p value	0	0.01	0	0.1	0.93	0.02	0.2	0.82
Two-sided p value	0	0.02	0	0.2	0.14	0.04	0.4	0.36

# Posterior predictive model check for inhibition function

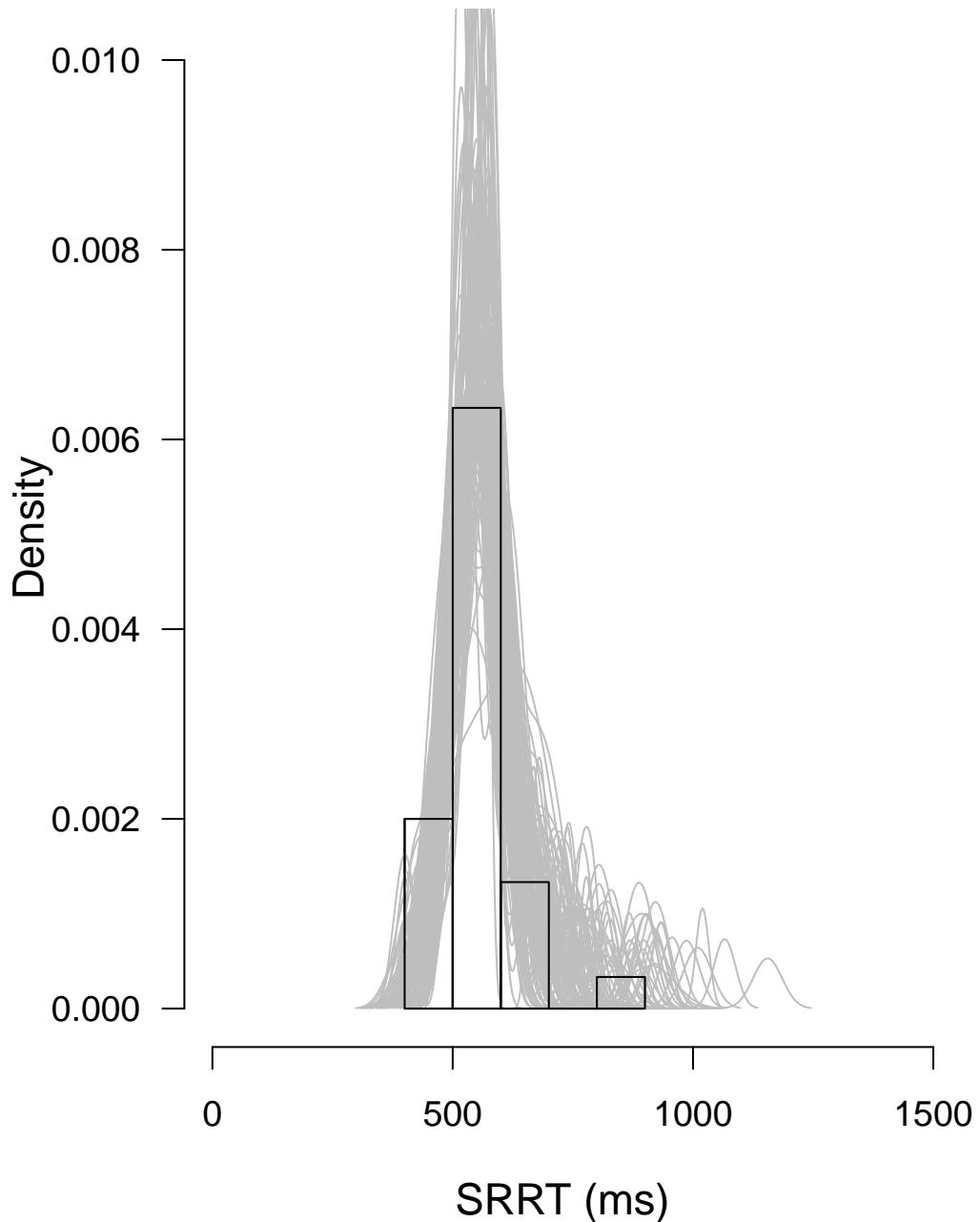
## Subject 14



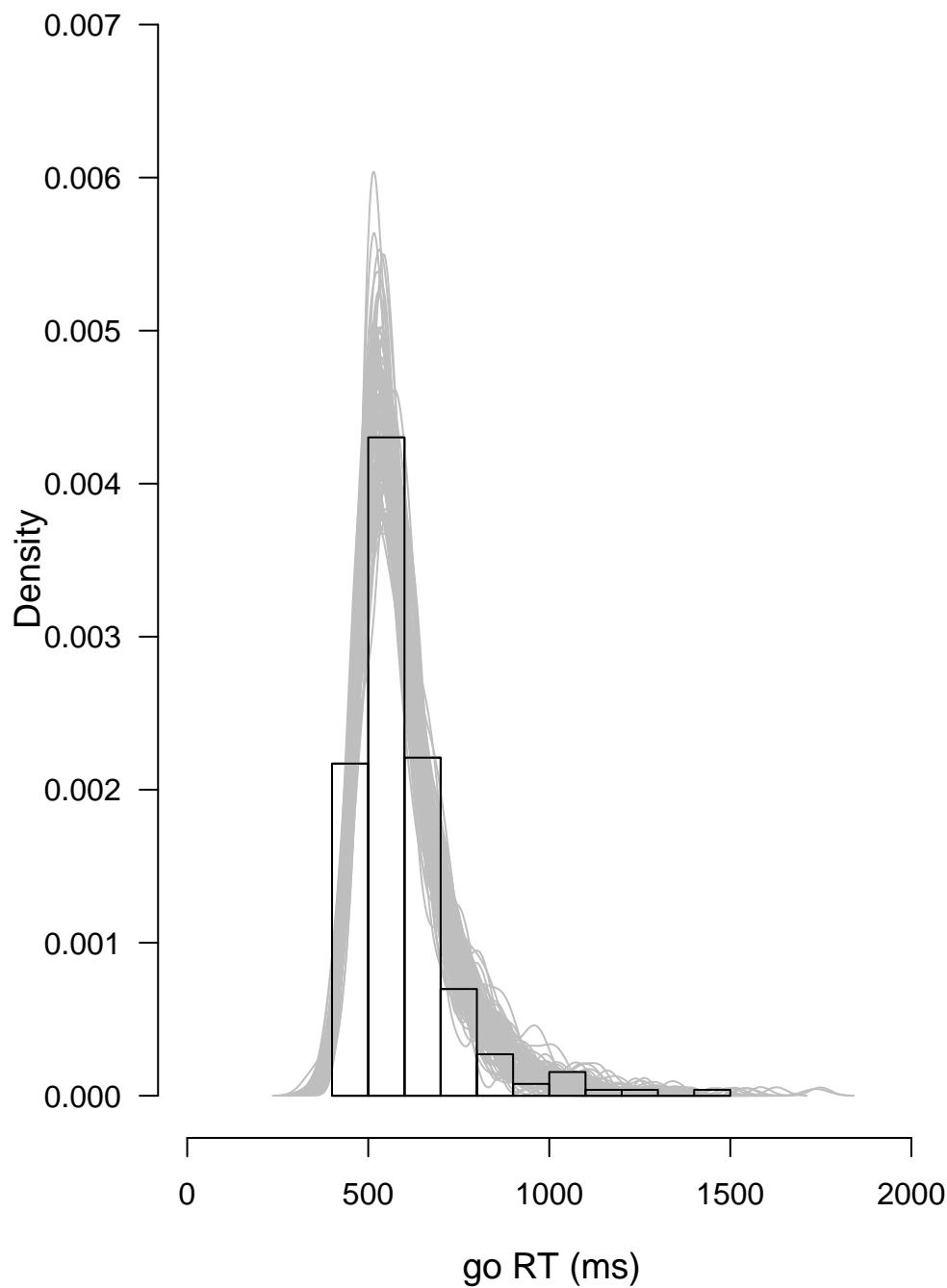
**Posterior predictive model check for SRRT distribution  
Subject 14  
at SSD = 250**



**Posterior predictive model check for SRRT distribution  
Subject 14  
at SSD = 300**



## **Posterior predictive model check for go RT distribution Subject 15**



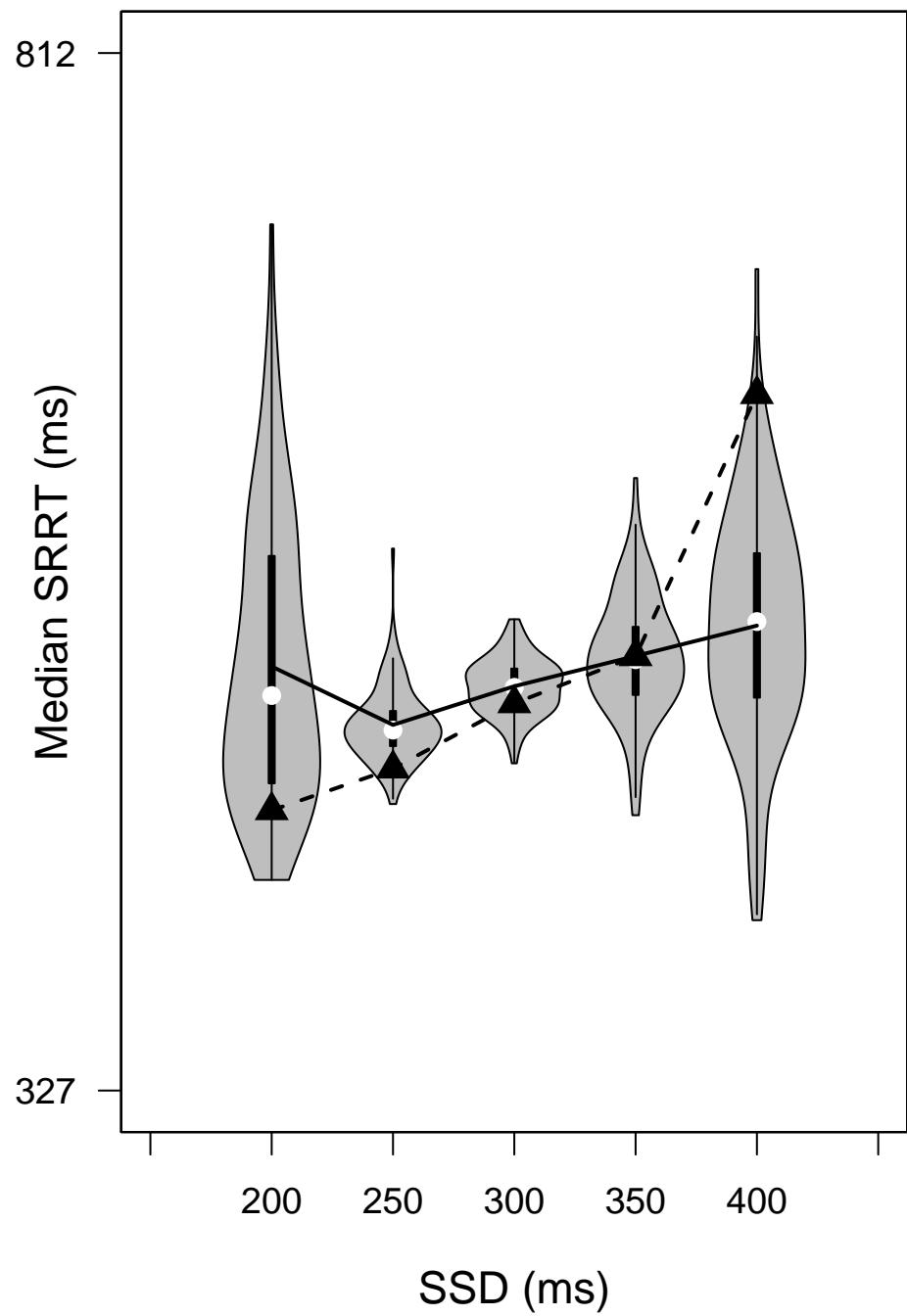
## Posterior predictive p values for median SRRT

Subject 15

	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400
Number of observed SRRT	4	16	21	7	2
Observed median SRRT	458	477.5	508	530	652.5
Average predicted SRRT	525.22	497.93	515.99	530.13	544.33
One-sided p value	0.89	0.92	0.71	0.48	0.021
Two-sided p value	0.22	0.16	0.58	0.96	0.042

# Posterior predictive model check for median SRRT

## Subject 15



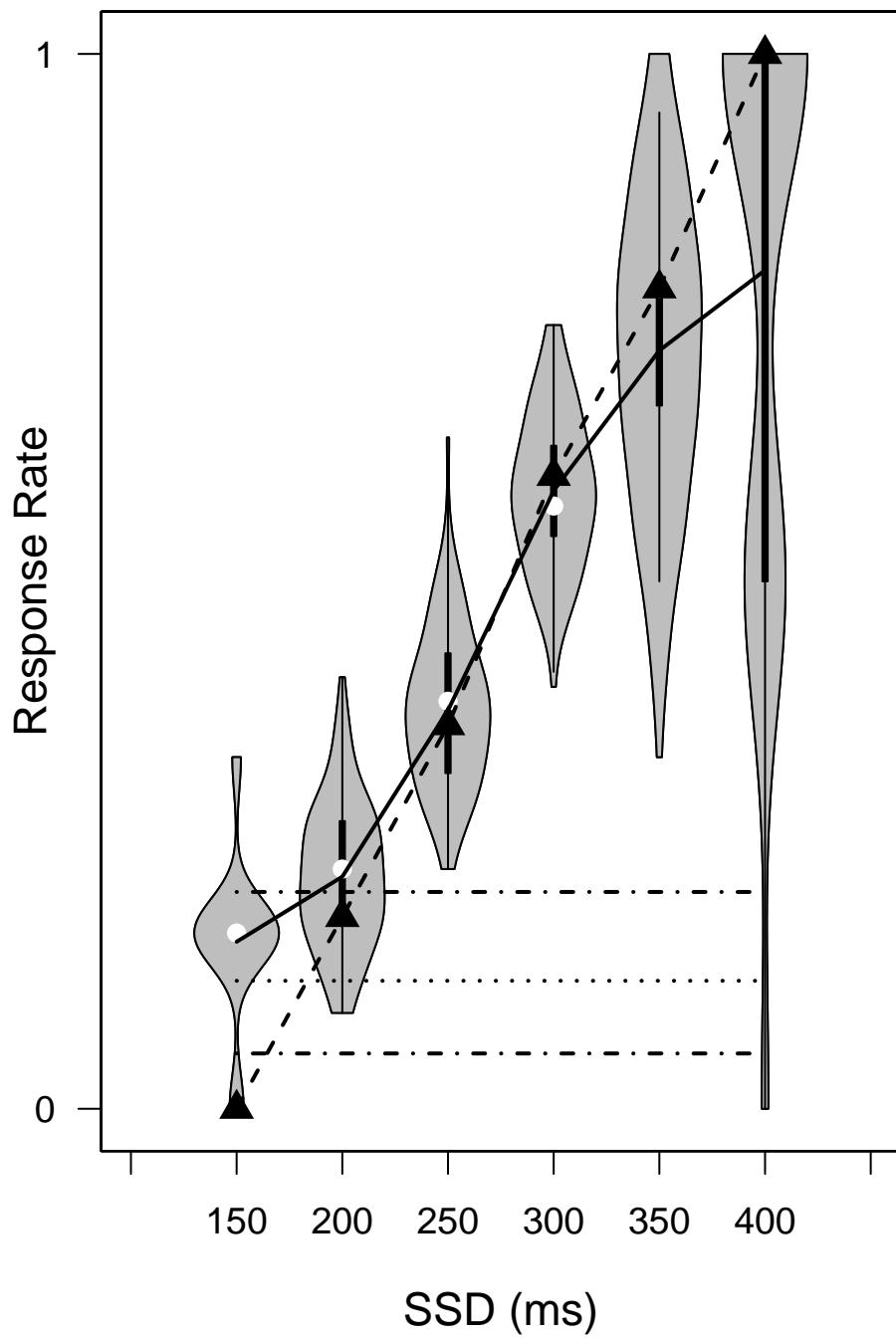
### Posterior predictive p values for inhibition function

Subject 15

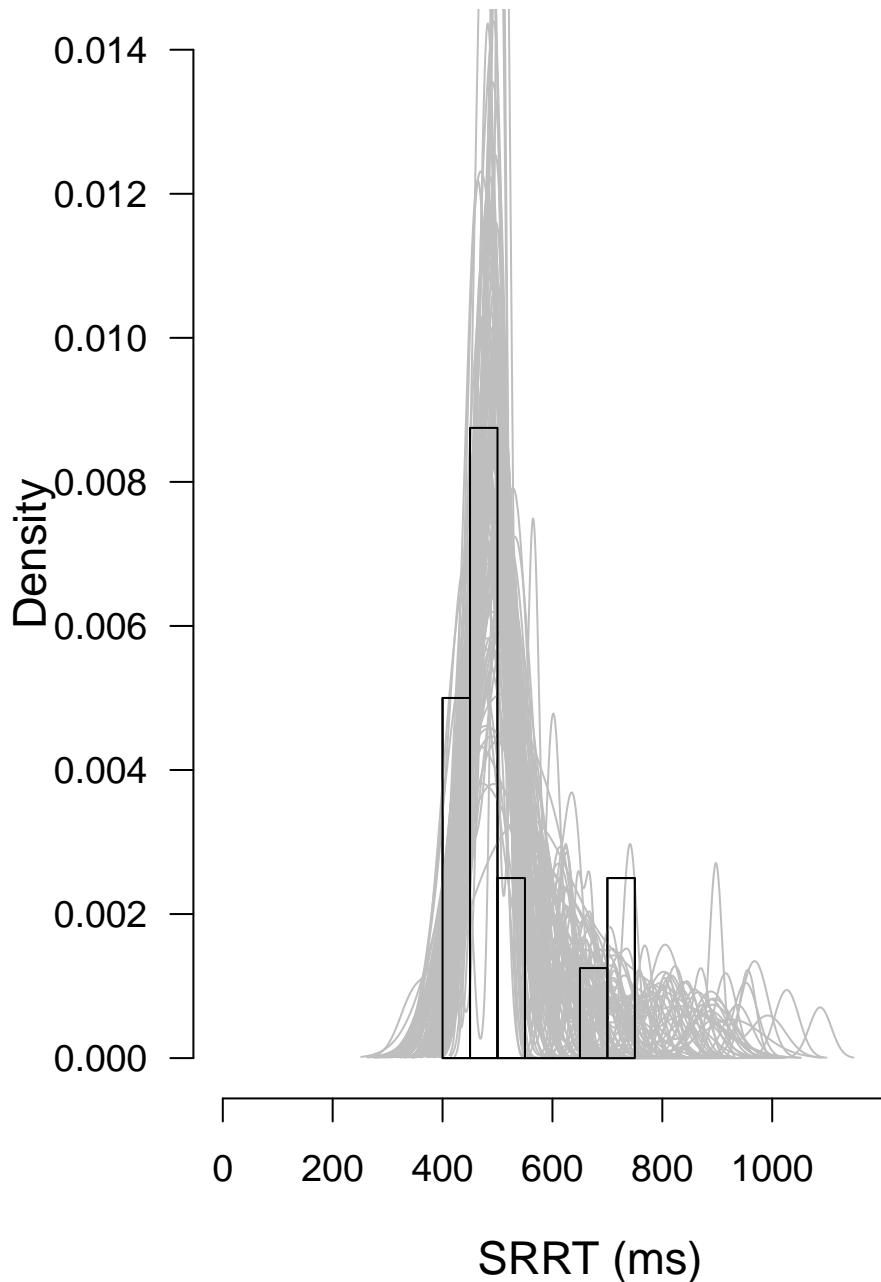
	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400
Number of stop-signal trials	6	22	44	35	9	2
Observed response rate	0	0.18	0.36	0.6	0.78	1
Average predicted response rate	0.16	0.22	0.38	0.59	0.72	0.8
One-sided p value	0.87	0.56	0.51	0.34	0.23	0.64
Two-sided p value	0.26	0.88	0.98	0.68	0.46	0.72

# Posterior predictive model check for inhibition function

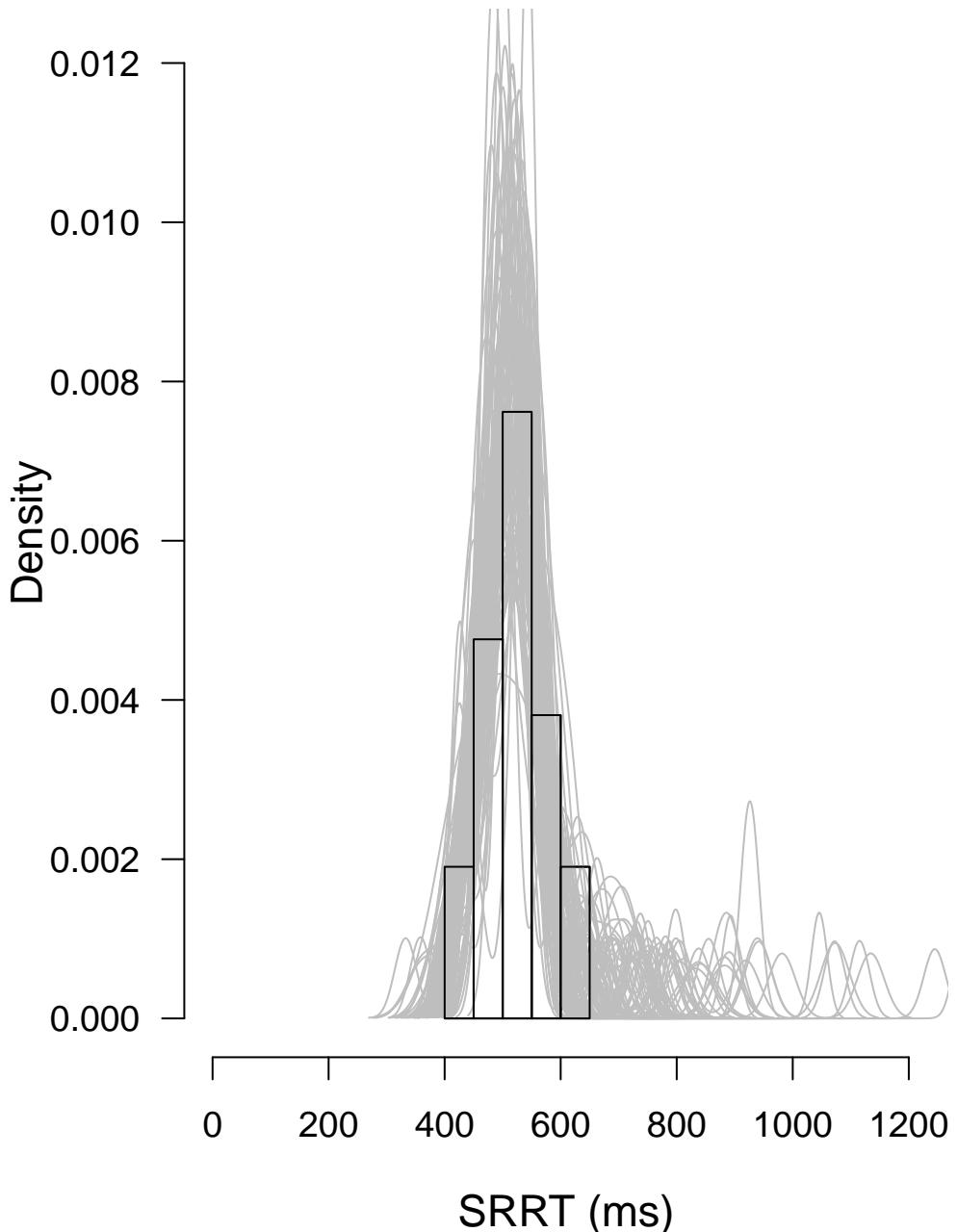
## Subject 15



**Posterior predictive model check for SRRT distribution  
Subject 15  
at SSD = 250**

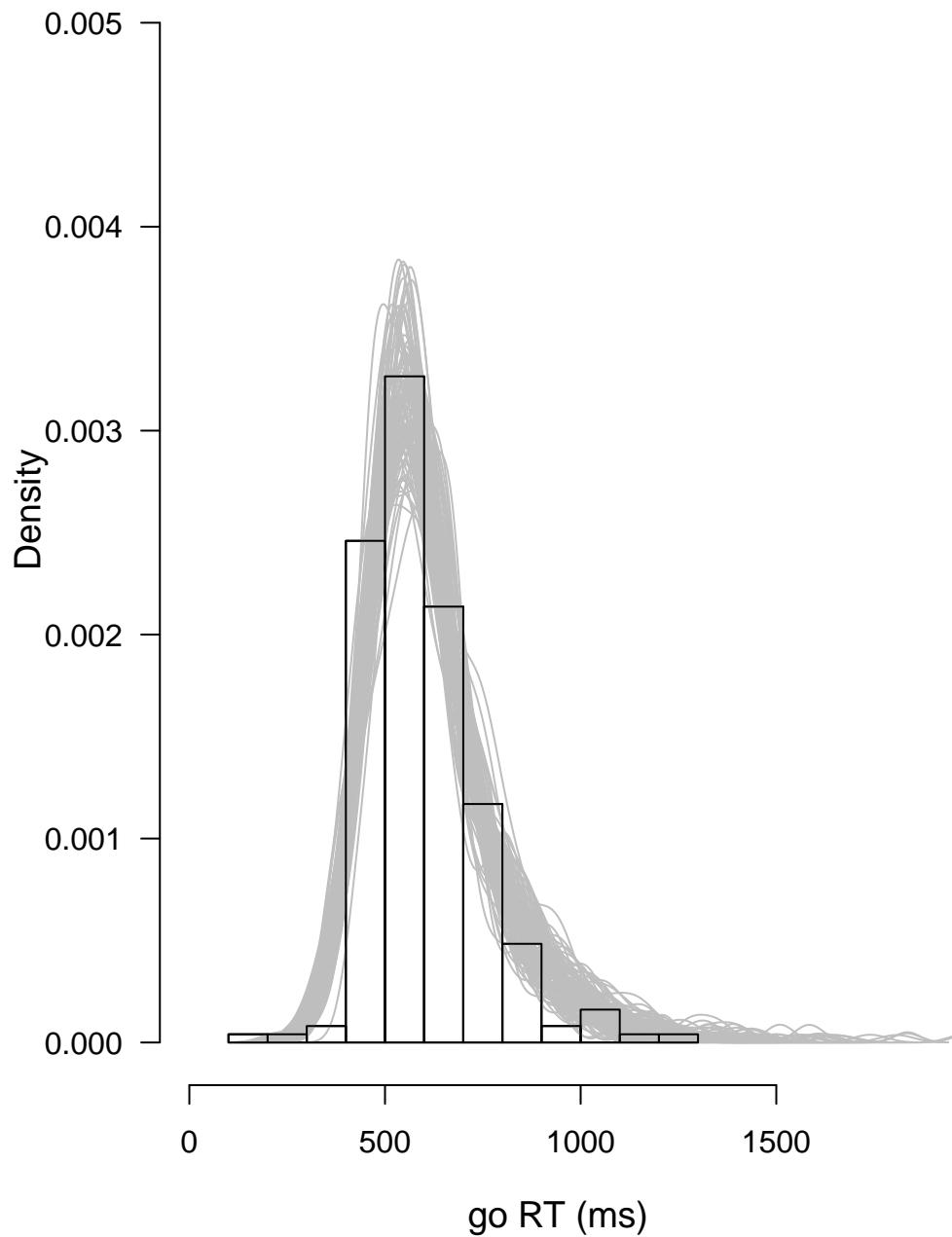


**Posterior predictive model check for SRRT distribution  
Subject 15  
at SSD = 300**



# Posterior predictive model check for go RT distribution

## Subject 16



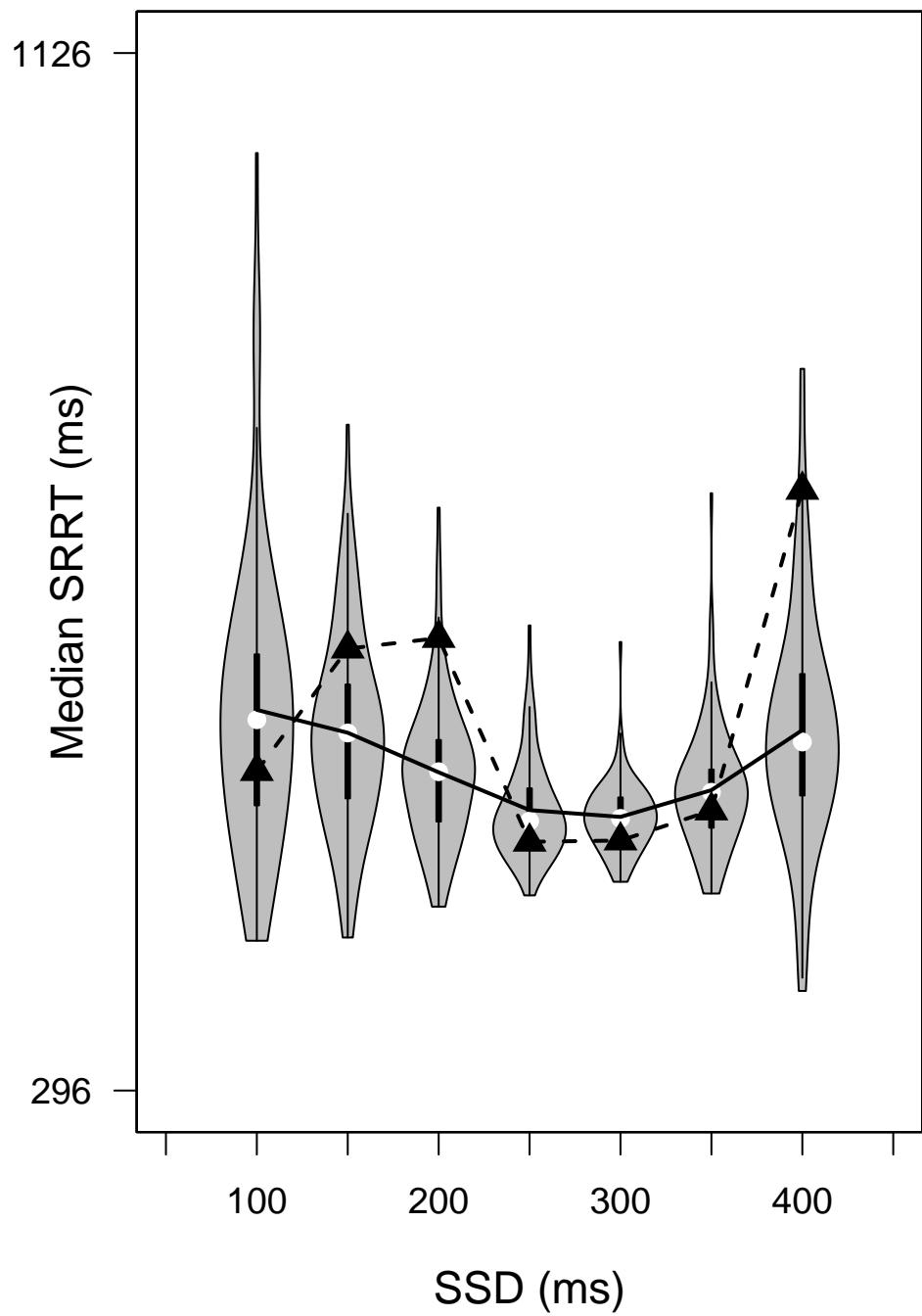
## Posterior predictive p values for median SRRT

### Subject 16

	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400
Number of observed SRRT	4	6	9	16	18	4	2
Observed median SRRT	551.5	649.5	658	495	496	520	776.5
Average predicted SRRT	600.52	582.24	550.56	520.34	514.92	536.31	584.34
One-sided p value	0.65	0.2	0.04	0.73	0.76	0.62	0.04
Two-sided p value	0.7	0.4	0.08	0.54	0.48	0.76	0.081

# Posterior predictive model check for median SRRT

## Subject 16



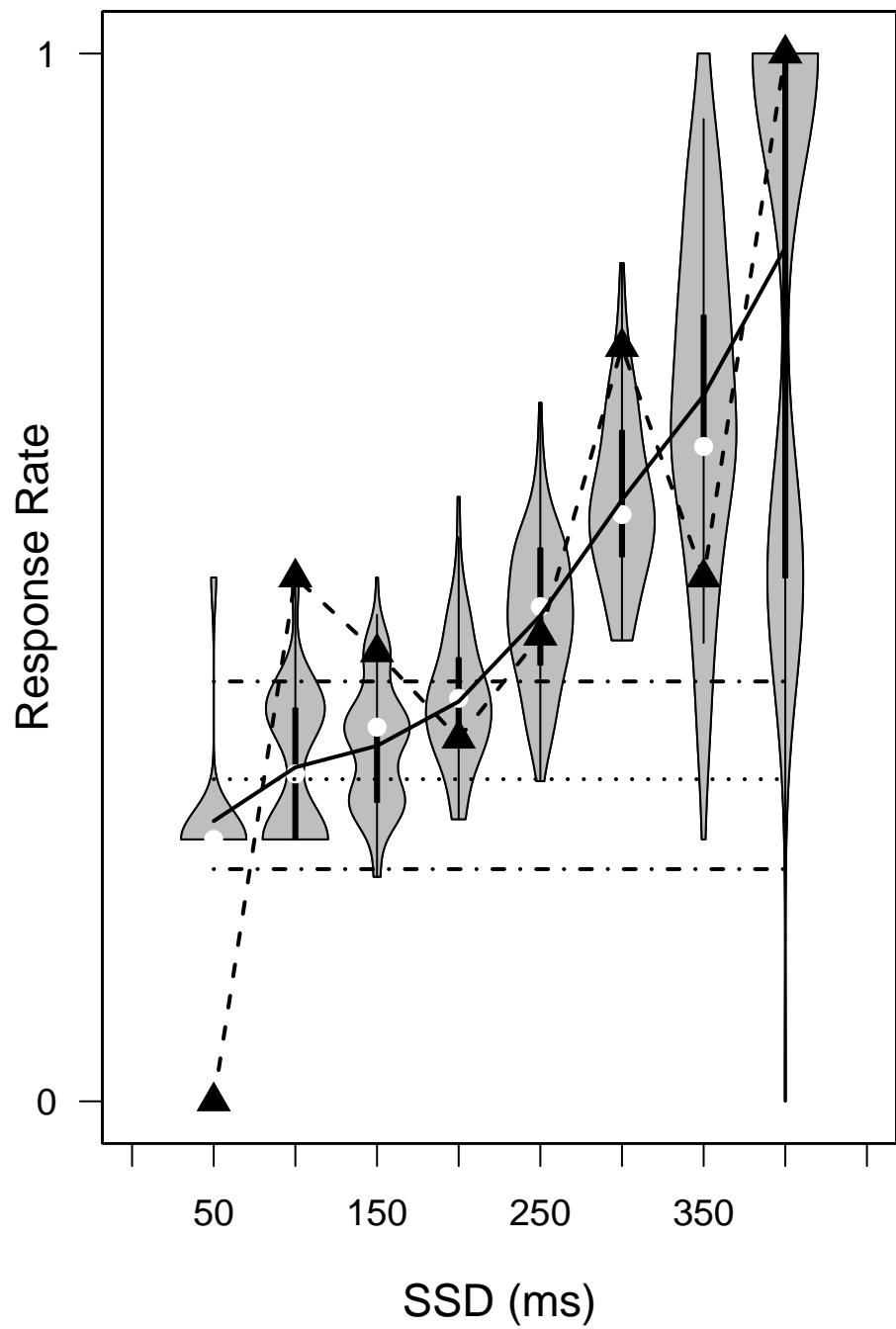
## Posterior predictive p values for inhibition function

### Subject 16

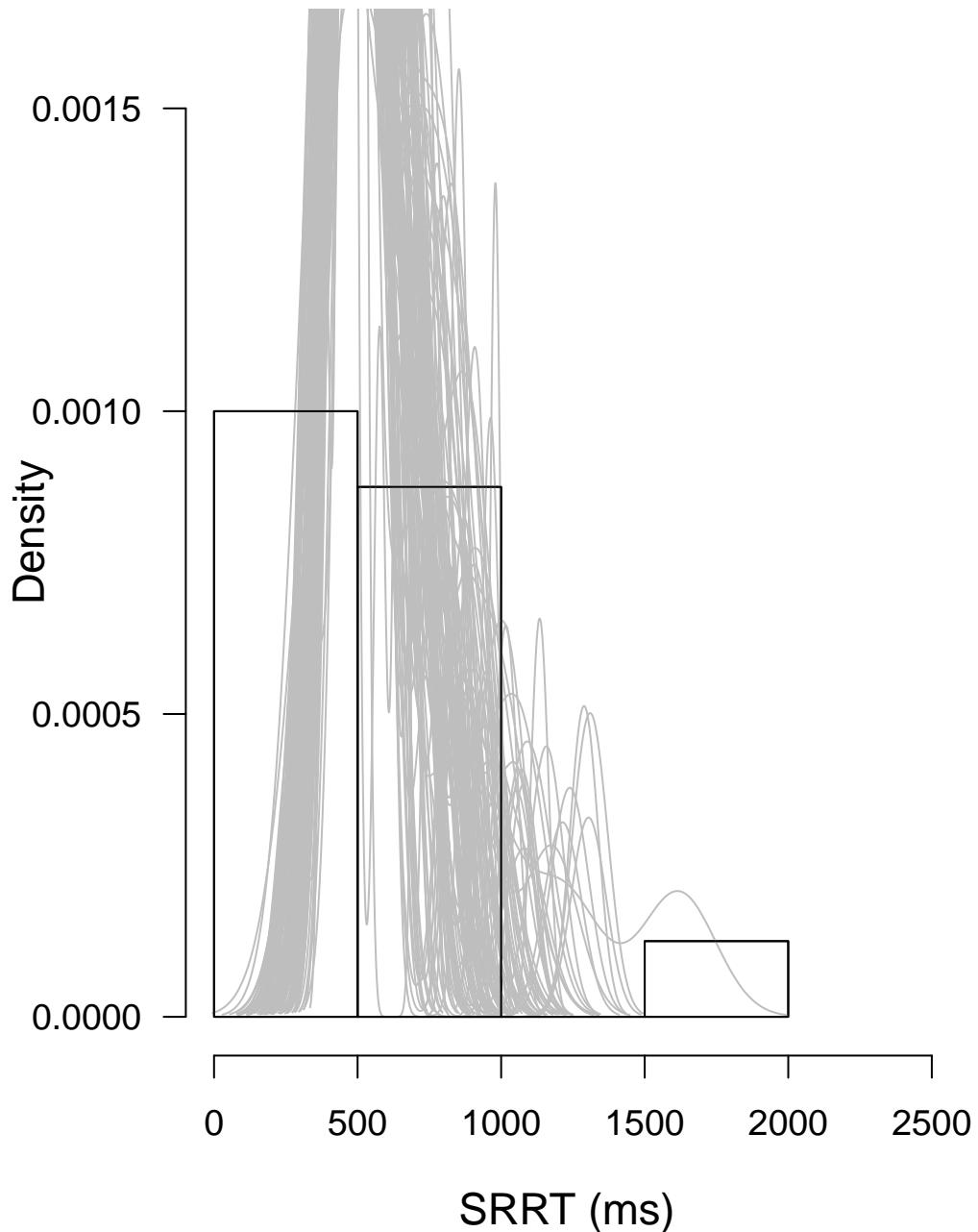
	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400
Number of stop-signal trials	4	8	14	26	36	25	8	2
Observed response rate	0	0.5	0.43	0.35	0.44	0.72	0.5	1
Average predicted response rate	0.27	0.32	0.34	0.38	0.46	0.57	0.67	0.82
One-sided p value	1	0	0.01	0.59	0.54	0.03	0.78	0.64
Two-sided p value	0	0	0.02	0.82	0.92	0.06	0.44	0.72

# Posterior predictive model check for inhibition function

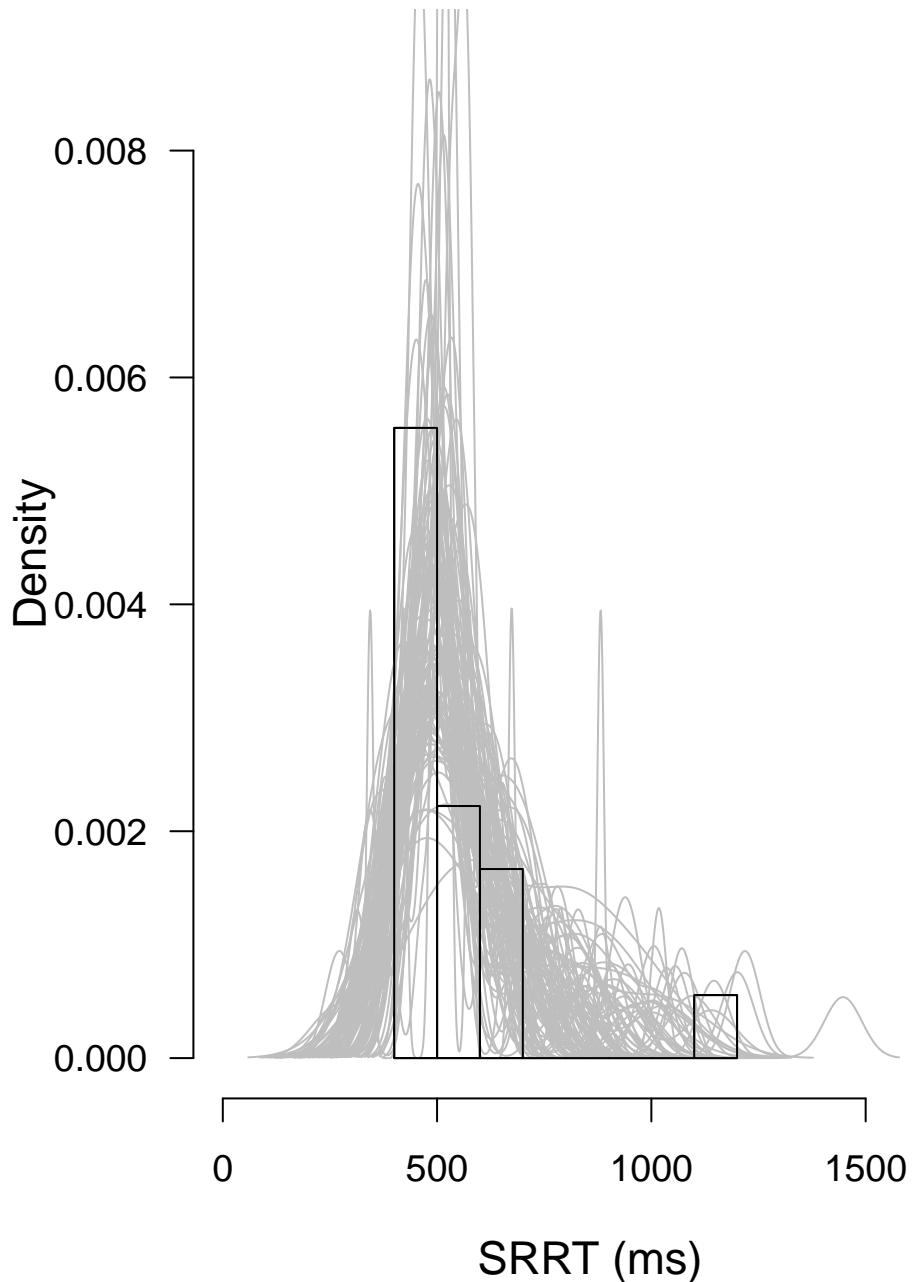
## Subject 16



**Posterior predictive model check for SRRT distribution  
Subject 16  
at SSD = 250**

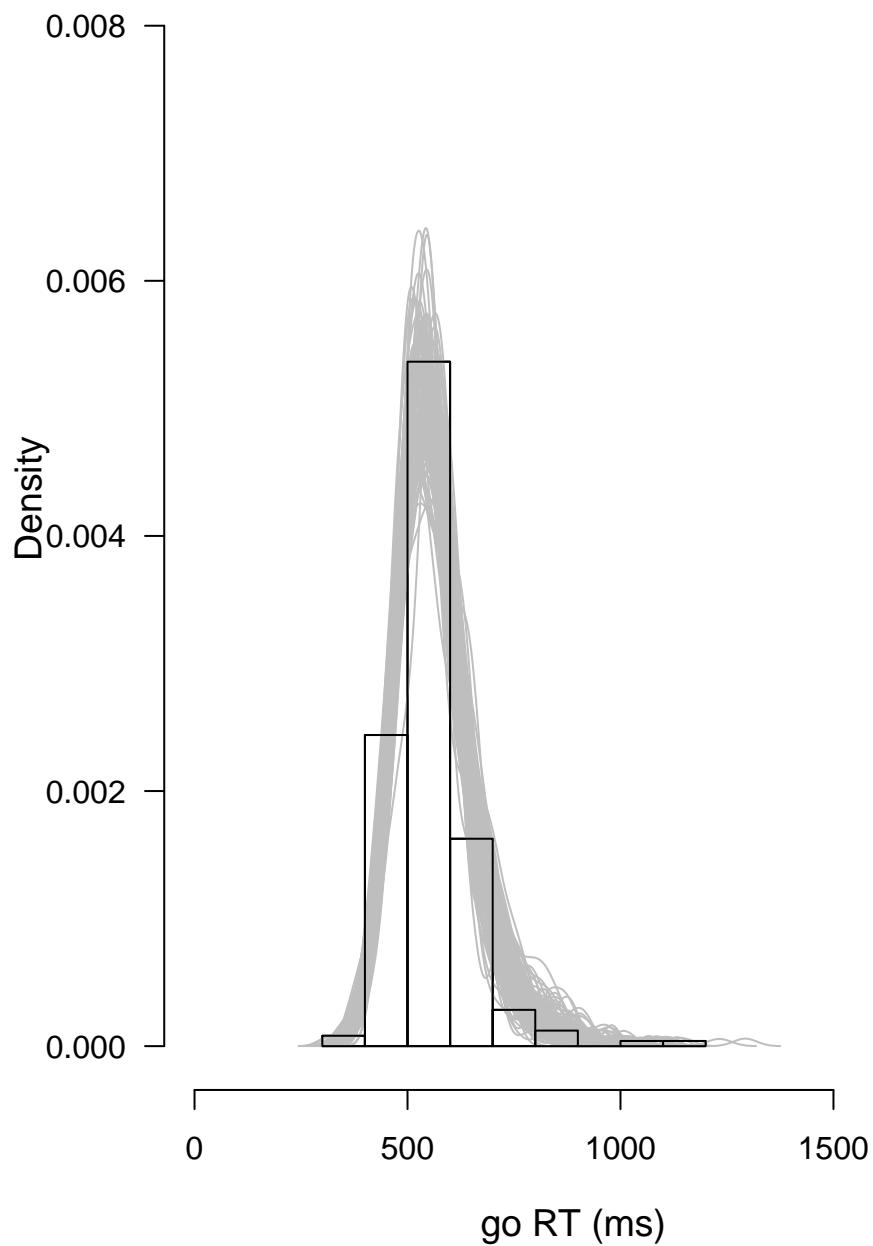


**Posterior predictive model check for SRRT distribution  
Subject 16  
at SSD = 300**



# **Posterior predictive model check for go RT distribution**

## **Subject 17**



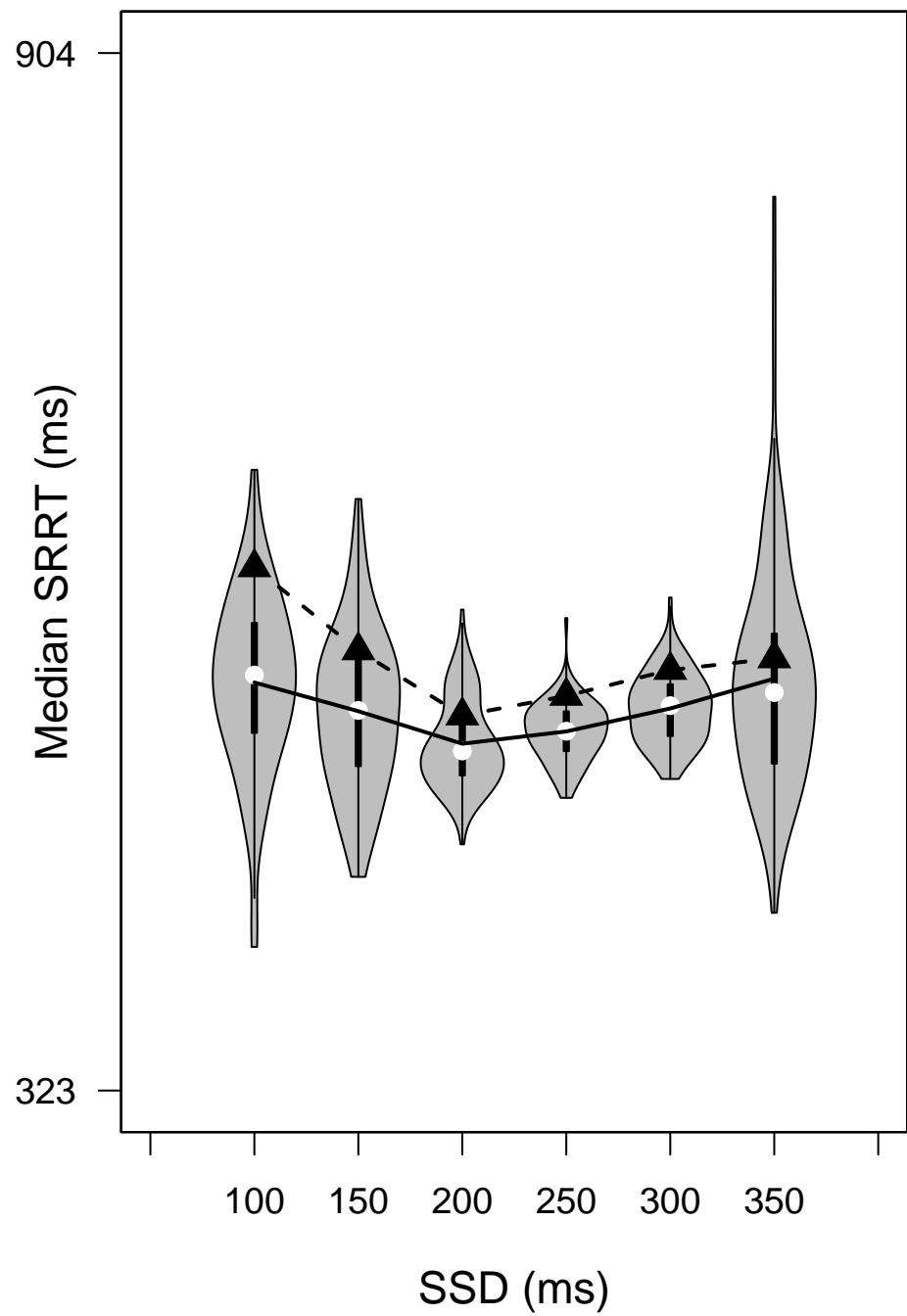
## Posterior predictive p values for median SRRT

### Subject 17

	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of observed SRRT	5	8	13	23	14	2
Observed median SRRT	616	569.5	533	544	558.5	565
Average predicted SRRT	551.51	535.44	517.22	524.1	536.95	553.65
One-sided p value	0.08	0.22	0.26	0.08	0.14	0.36
Two-sided p value	0.16	0.44	0.52	0.16	0.28	0.72

# Posterior predictive model check for median SRRT

## Subject 17

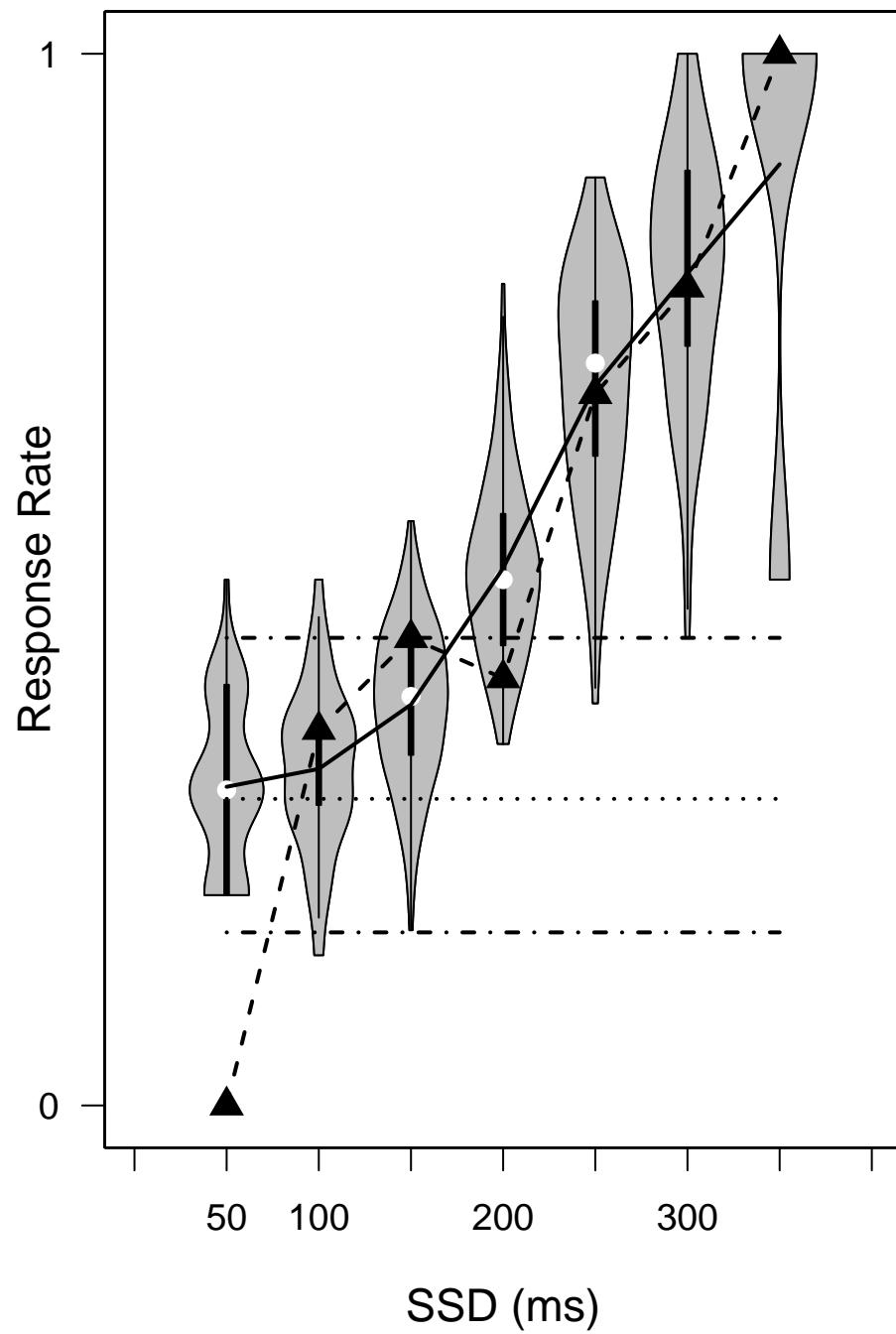


Posterior predictive p values for inhibition function  
**Subject 17**

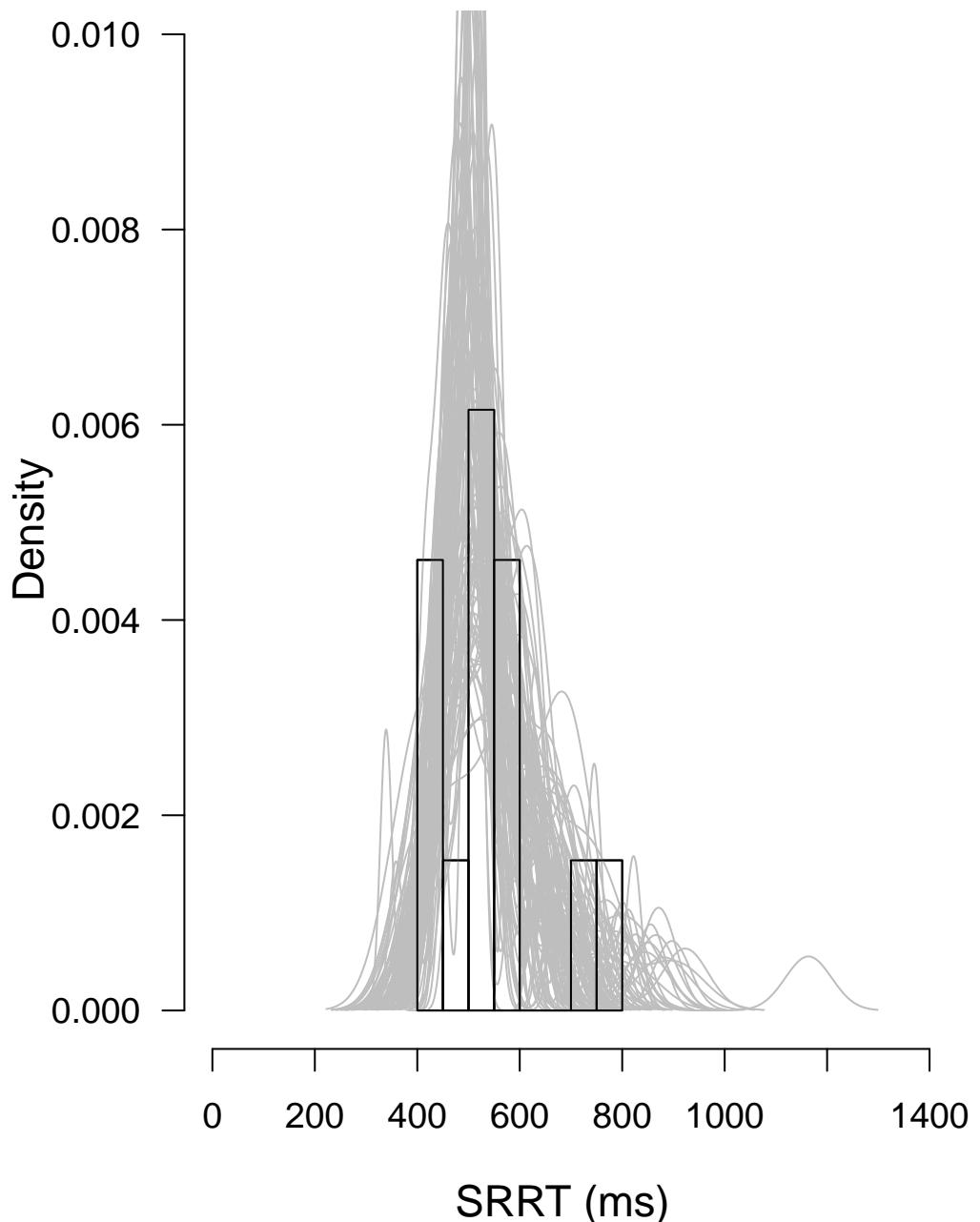
	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of stop-signal trials	10	14	18	32	34	18	2
Observed response rate	0	0.36	0.44	0.41	0.68	0.78	1
Average predicted response rate	0.3	0.32	0.38	0.51	0.68	0.79	0.9
One-sided p value	1	0.14	0.09	0.87	0.52	0.49	0.79
Two-sided p value	0	0.28	0.18	0.26	0.96	0.98	0.42

# Posterior predictive model check for inhibition function

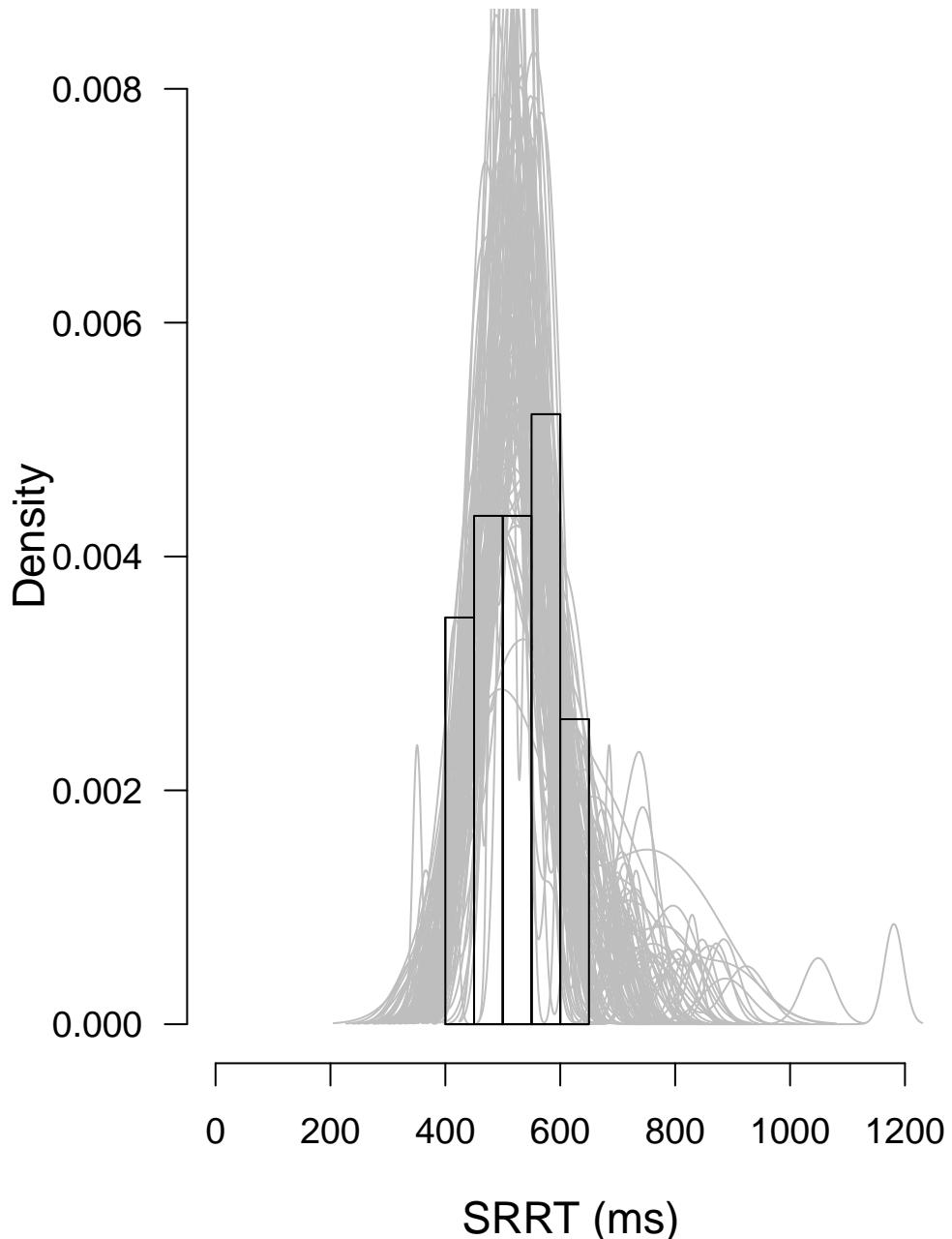
## Subject 17



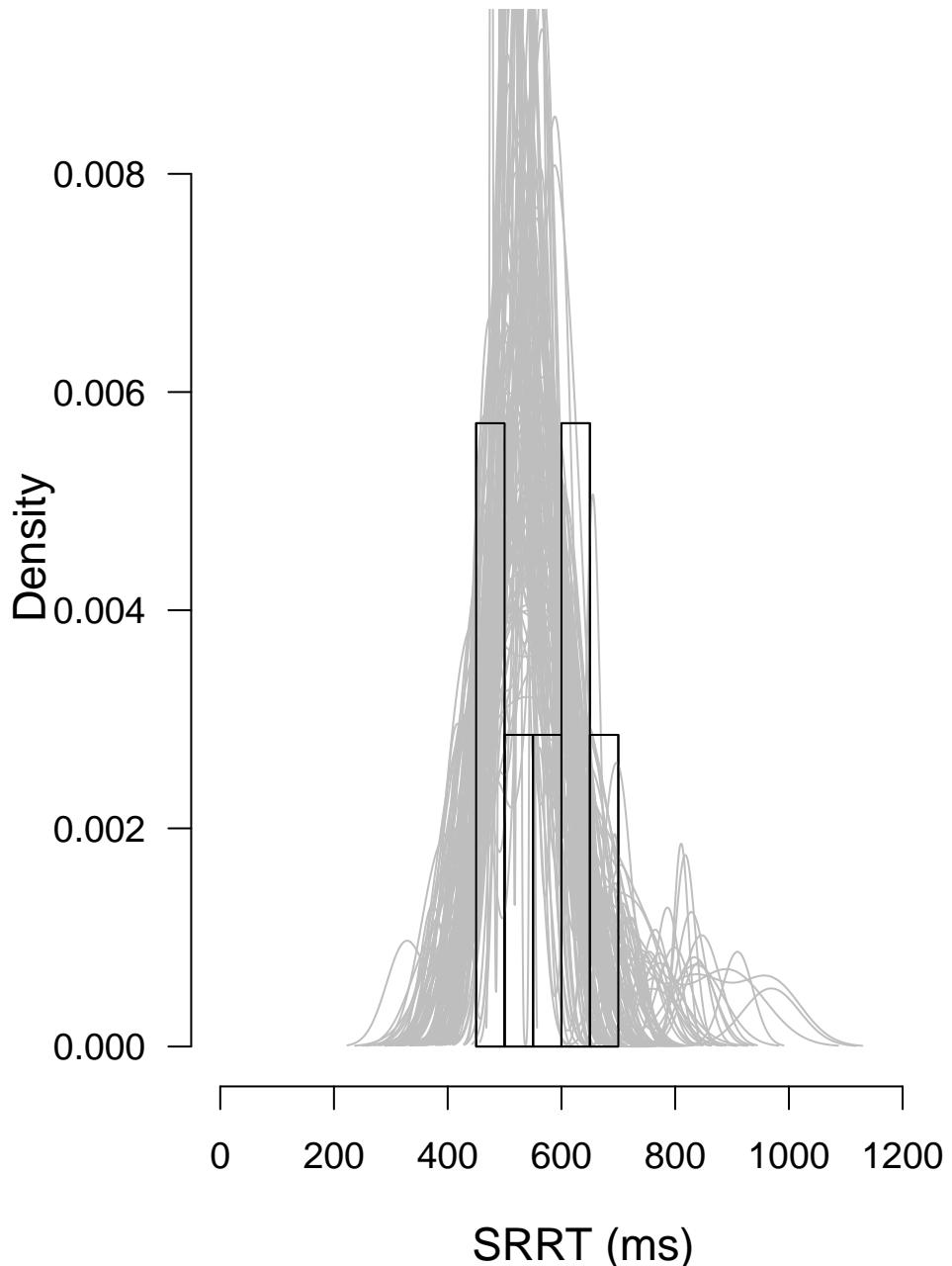
**Posterior predictive model check for SRRT distribution  
Subject 17  
at SSD = 200**



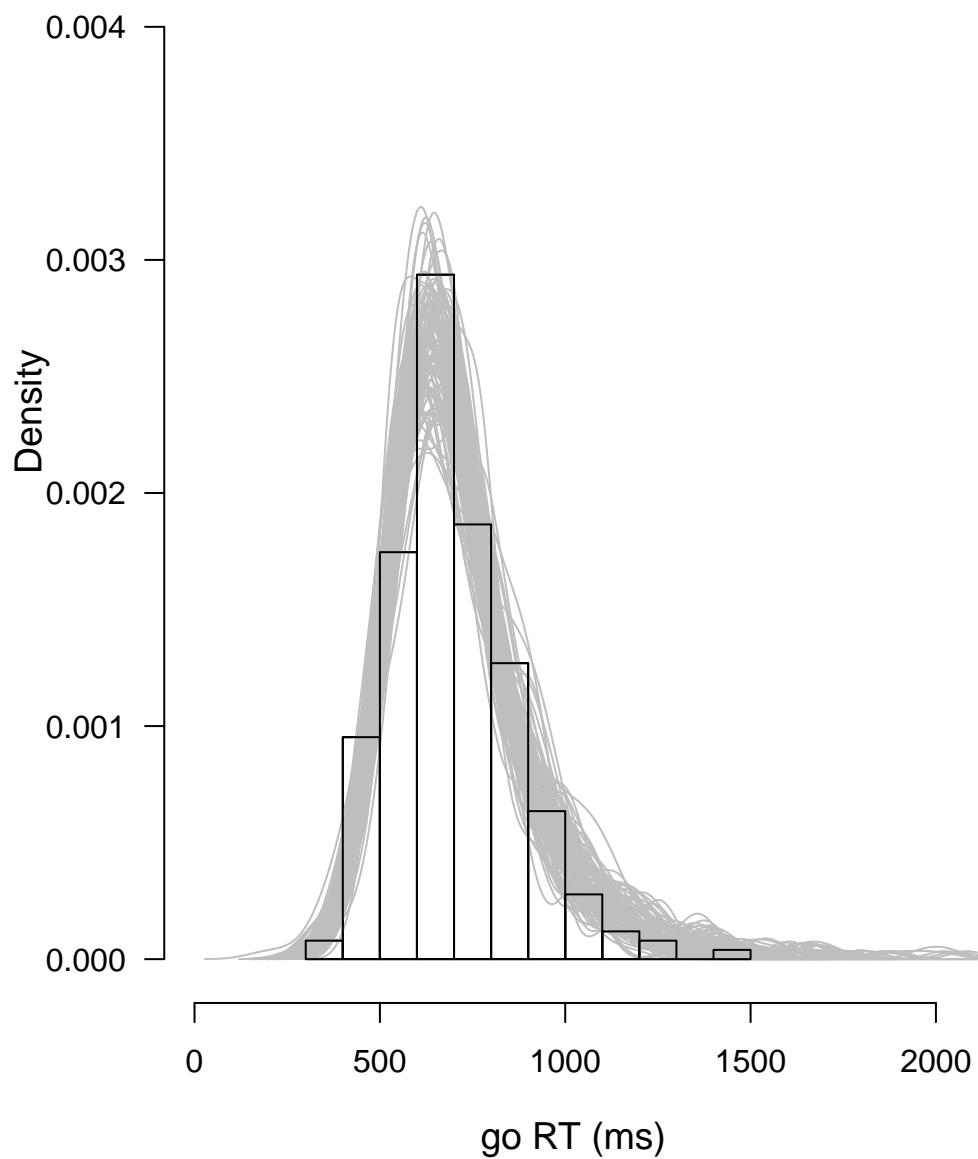
**Posterior predictive model check for SRRT distribution  
Subject 17  
at SSD = 250**



**Posterior predictive model check for SRRT distribution  
Subject 17  
at SSD = 300**



## **Posterior predictive model check for go RT distribution Subject 18**

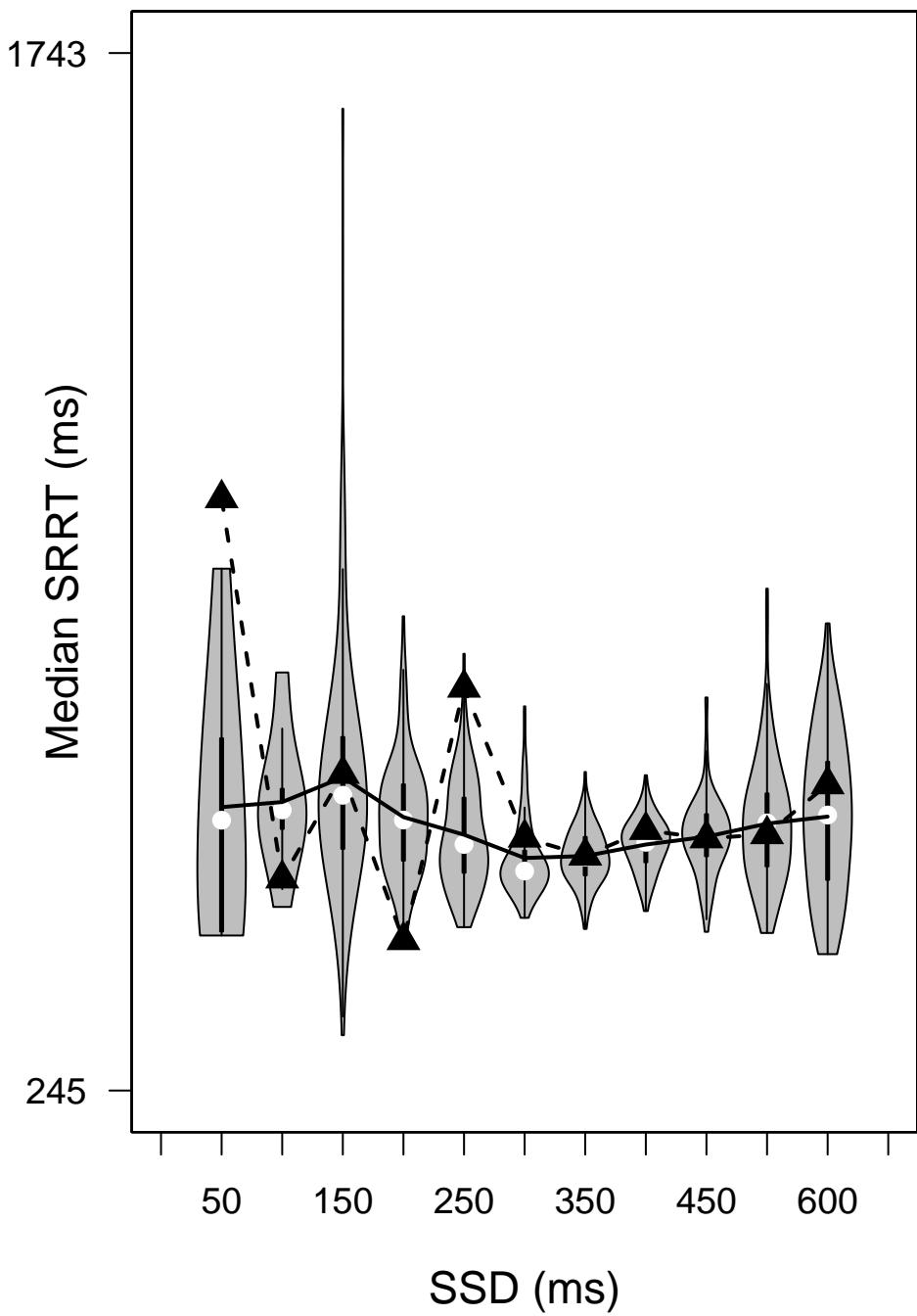


## Posterior predictive p values for median SRRT Subject 18

	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400	SSD=450	SSD=500	SSD=600
Number of observed SRRT	1	1	1	5	10	13	5	3	3	2	1
Observed median SRRT	1100	551	702	462	826.5	610	584	621	609	615	687
Average predicted SRRT	654.21	661.55	697.32	639.8	614.35	580.77	583.57	600.21	611.47	630.38	640.52
One-sided p value	0	0.875	0.4	1	0.01	0.23	0.48	0.3	0.53	0.53	0.354
Two-sided p value	0	0.25	0.8	0	0.02	0.46	0.96	0.6	0.94	0.94	0.707

# Posterior predictive model check for median SRRT

## Subject 18

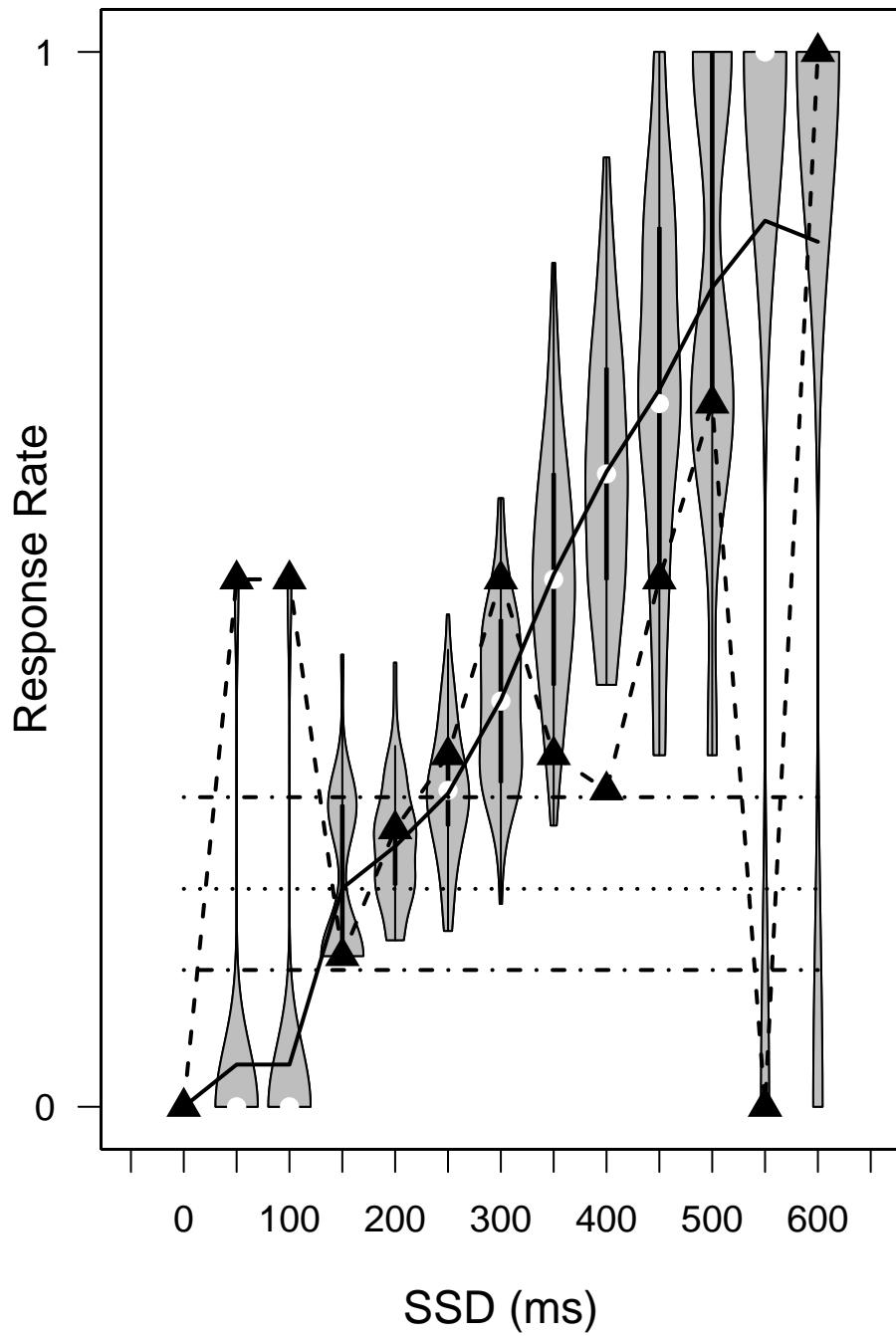


## Posterior predictive p values for inhibition function Subject 18

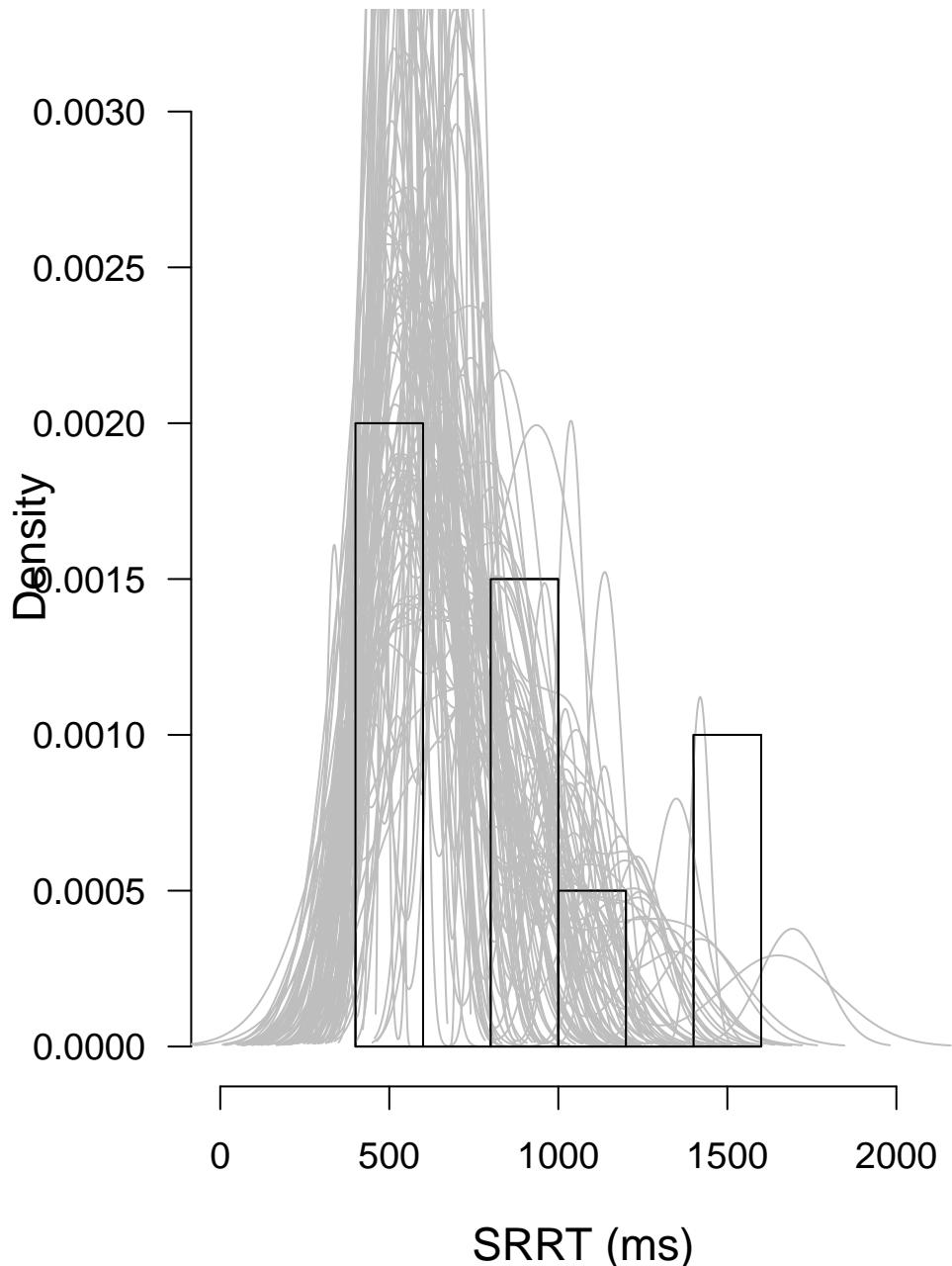
	SSD=0	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350	SSD=400	SSD=450	SSD=500	SSD=550	SSD=600
Number of stop-signal trials	1	2	2	7	19	30	26	15	10	6	3	1	1
Observed response rate	0	0.5	0.5	0.14	0.26	0.33	0.5	0.33	0.3	0.5	0.67	0	1
Average predicted response rate	0	0.04	0.04	0.21	0.25	0.3	0.39	0.5	0.6	0.68	0.78	0.84	0.82
One-sided p value	0	0	0	0.42	0.21	0.2	0.05	0.89	1	0.74	0.43	0.84	0.82
Two-sided p value	0	0	0	0.84	0.42	0.4	0.1	0.22	0	0.52	0.86	0.32	0.36

# Posterior predictive model check for inhibition function

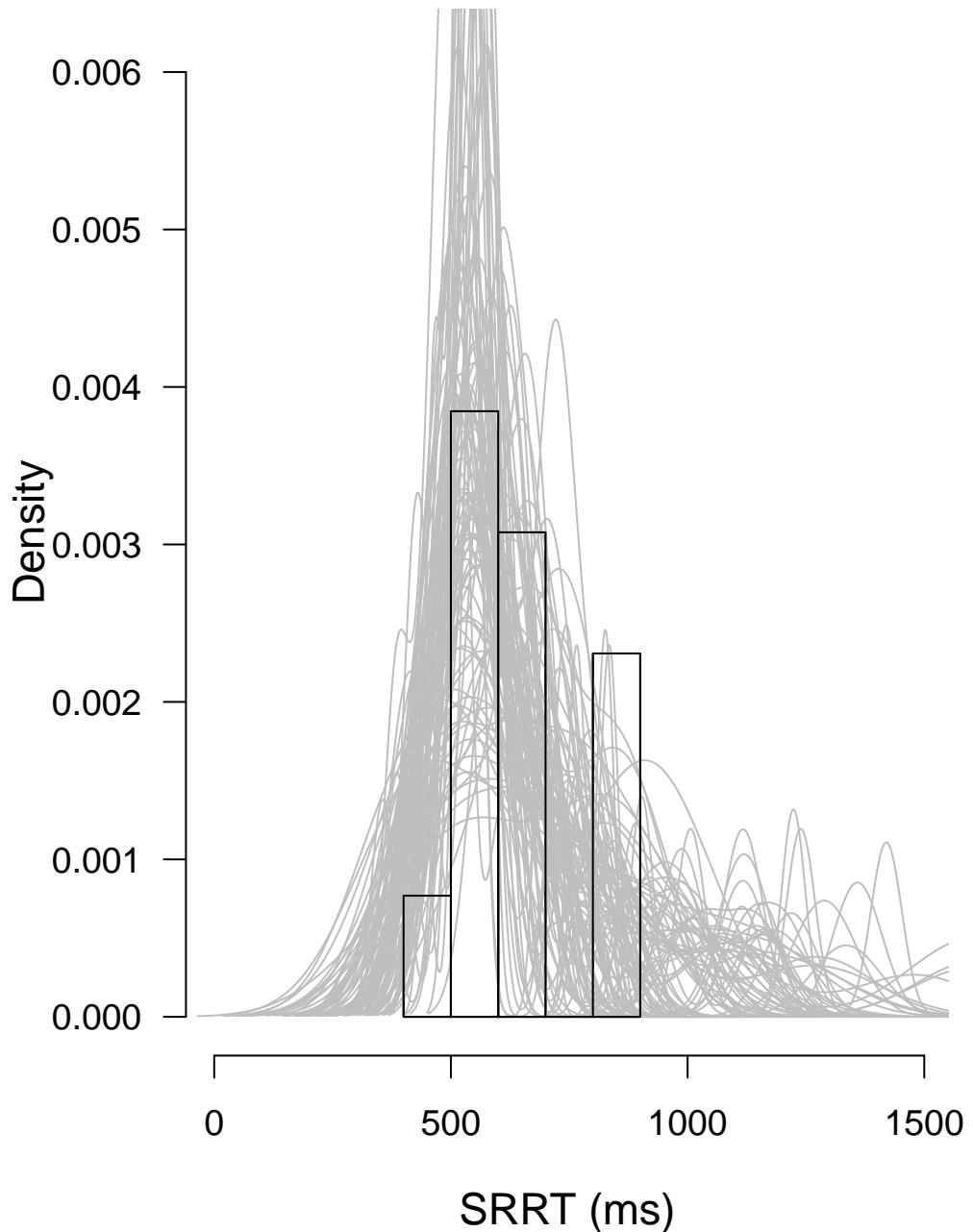
## Subject 18



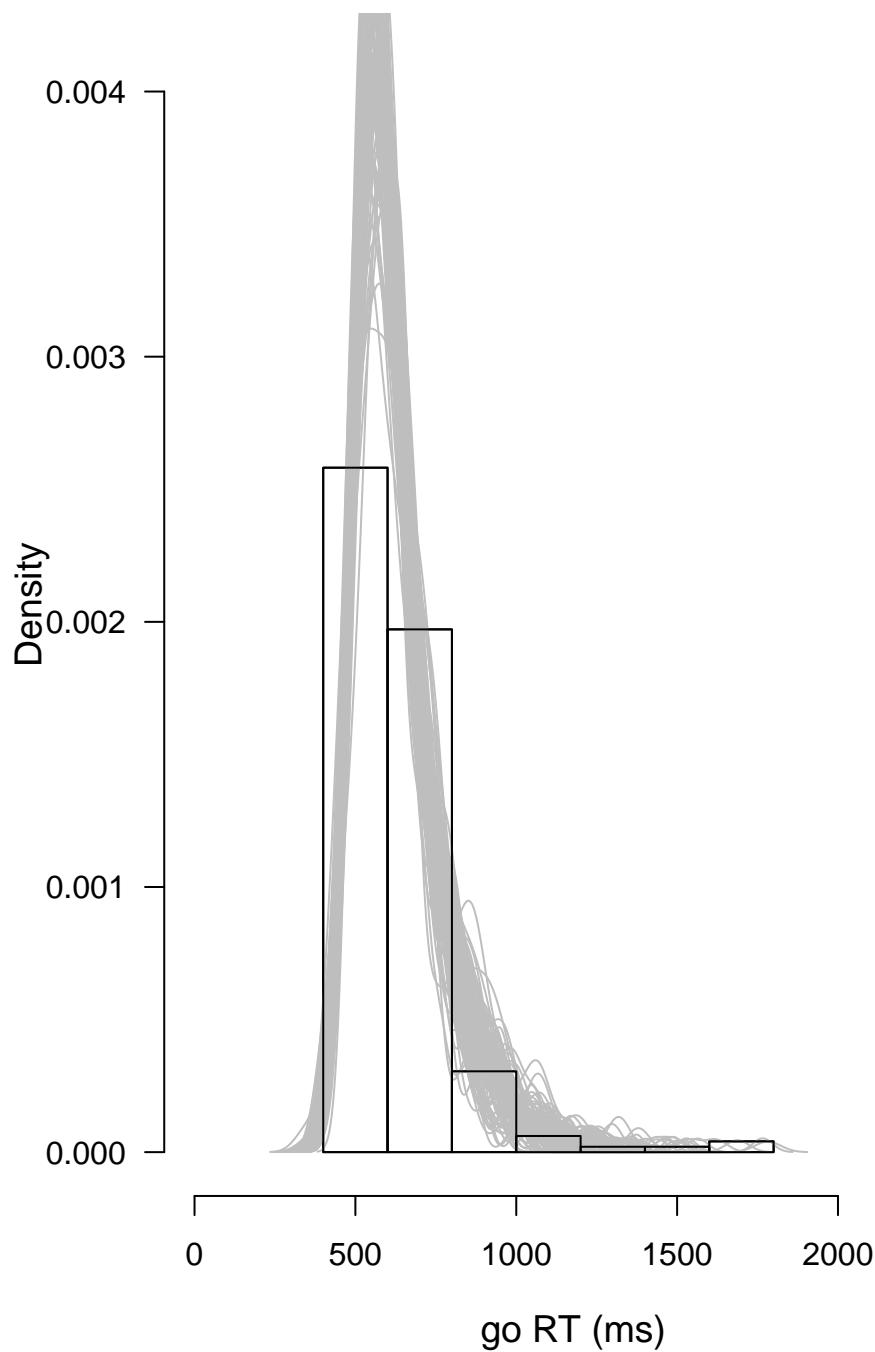
**Posterior predictive model check for SRRT distribution  
Subject 18  
at SSD = 250**



**Posterior predictive model check for SRRT distribution  
Subject 18  
at SSD = 300**



## **Posterior predictive model check for go RT distribution Subject 19**



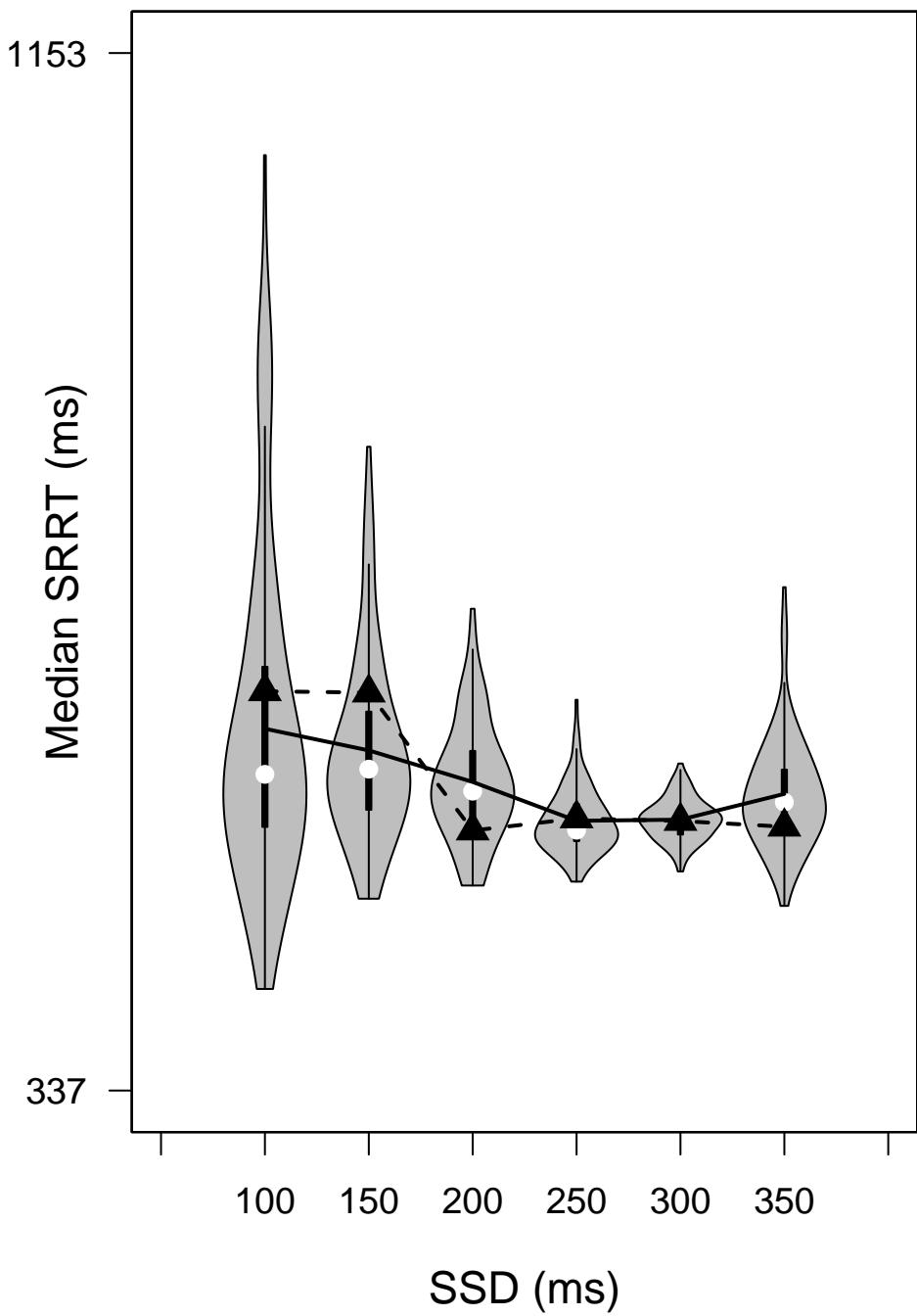
## Posterior predictive p values for median SRRT

Subject 19

	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of observed SRRT	1	4	10	19	28	6
Observed median SRRT	651	650	541.5	551	549	544.5
Average predicted SRRT	621.56	604.51	579.69	549.13	550.04	570.31
One-sided p value	0.29	0.22	0.8	0.42	0.57	0.74
Two-sided p value	0.58	0.44	0.4	0.84	0.86	0.52

# Posterior predictive model check for median SRRT

## Subject 19



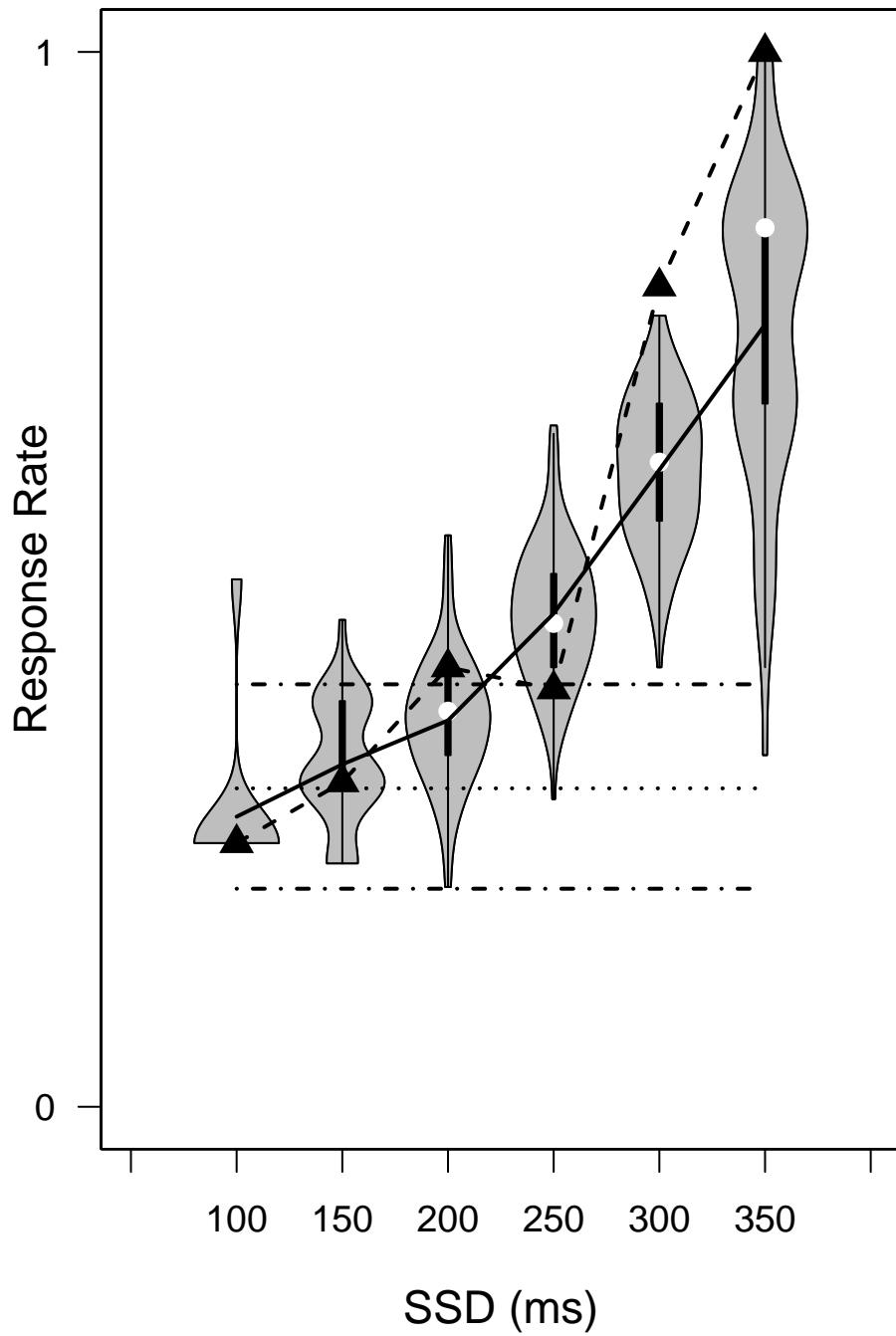
### Posterior predictive p values for inhibition function

Subject 19

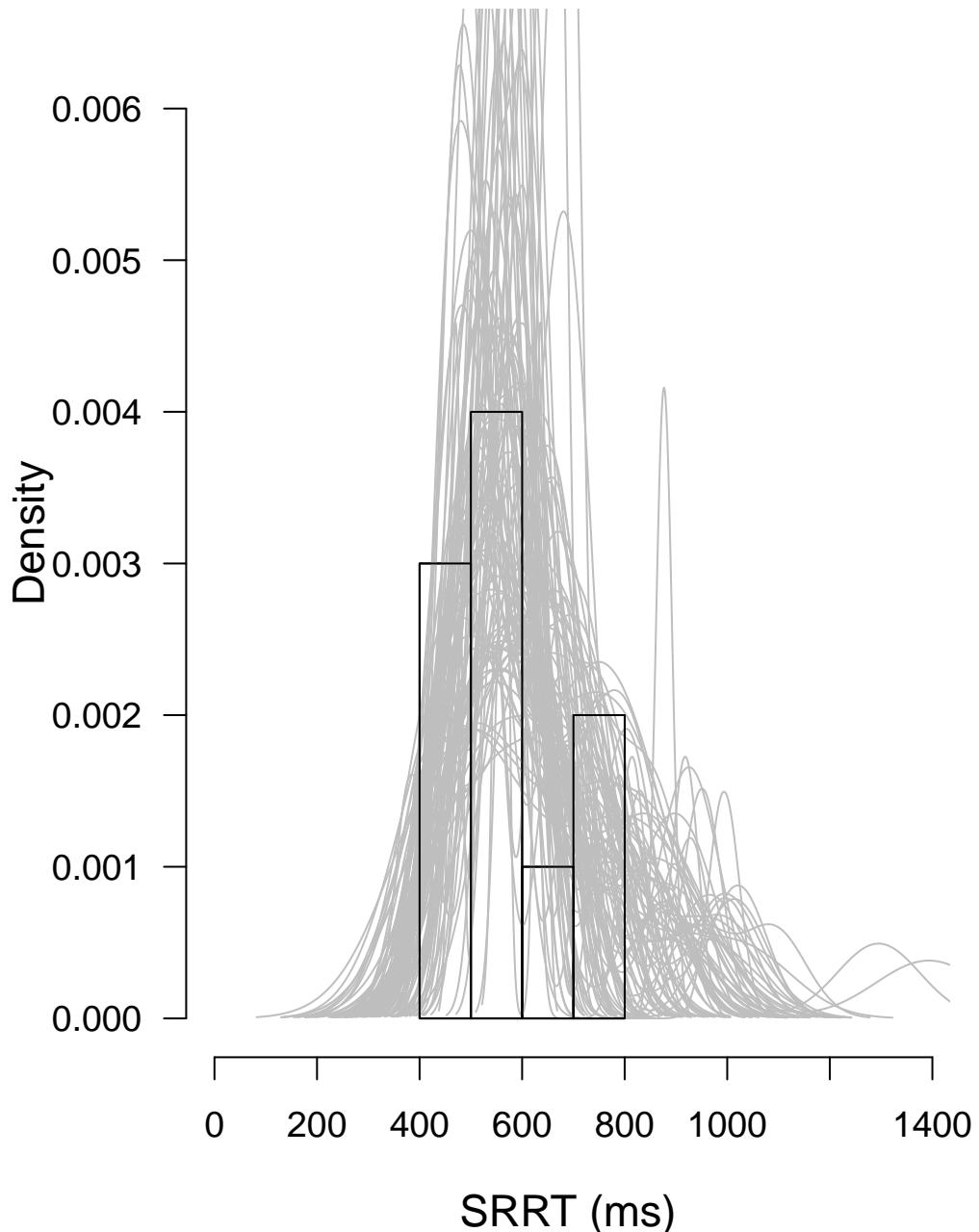
	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of stop-signal trials	4	13	24	48	36	6
Observed response rate	0.25	0.31	0.42	0.4	0.78	1
Average predicted response rate	0.28	0.32	0.37	0.47	0.6	0.74
One-sided p value	0.1	0.36	0.08	0.83	0	0.07
Two-sided p value	0.2	0.72	0.16	0.34	0	0.14

# Posterior predictive model check for inhibition function

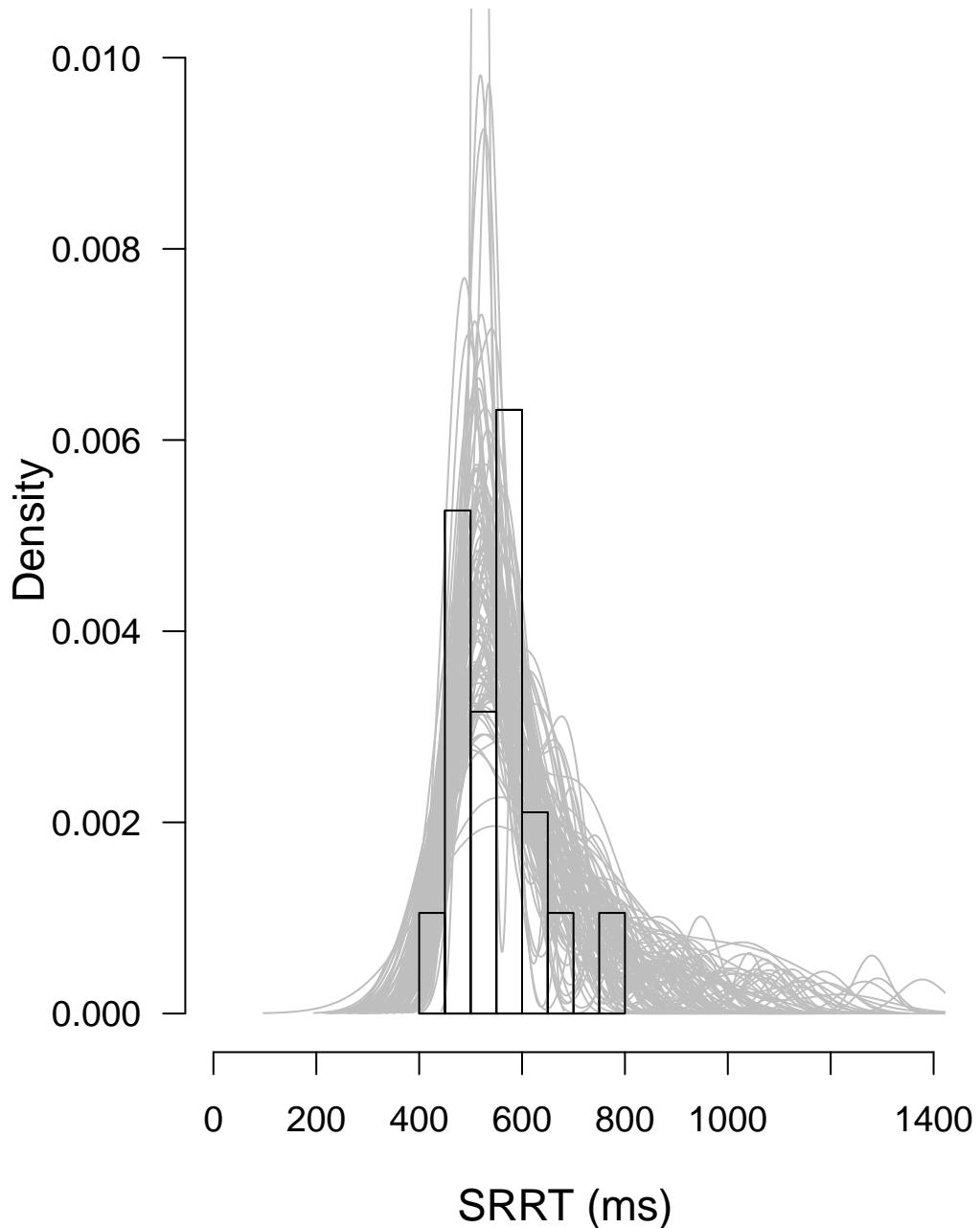
## Subject 19



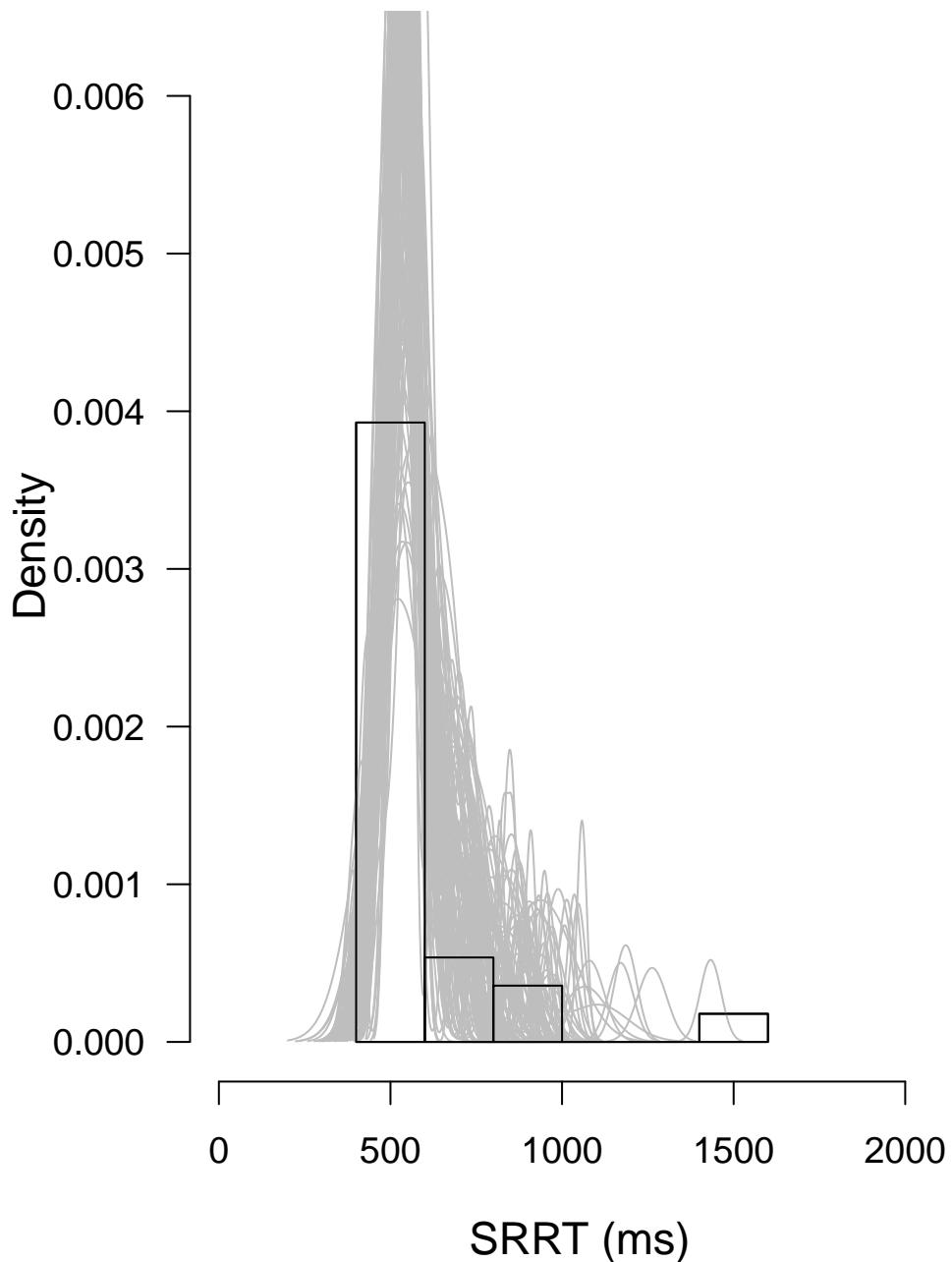
**Posterior predictive model check for SRRT distribution  
Subject 19  
at SSD = 200**



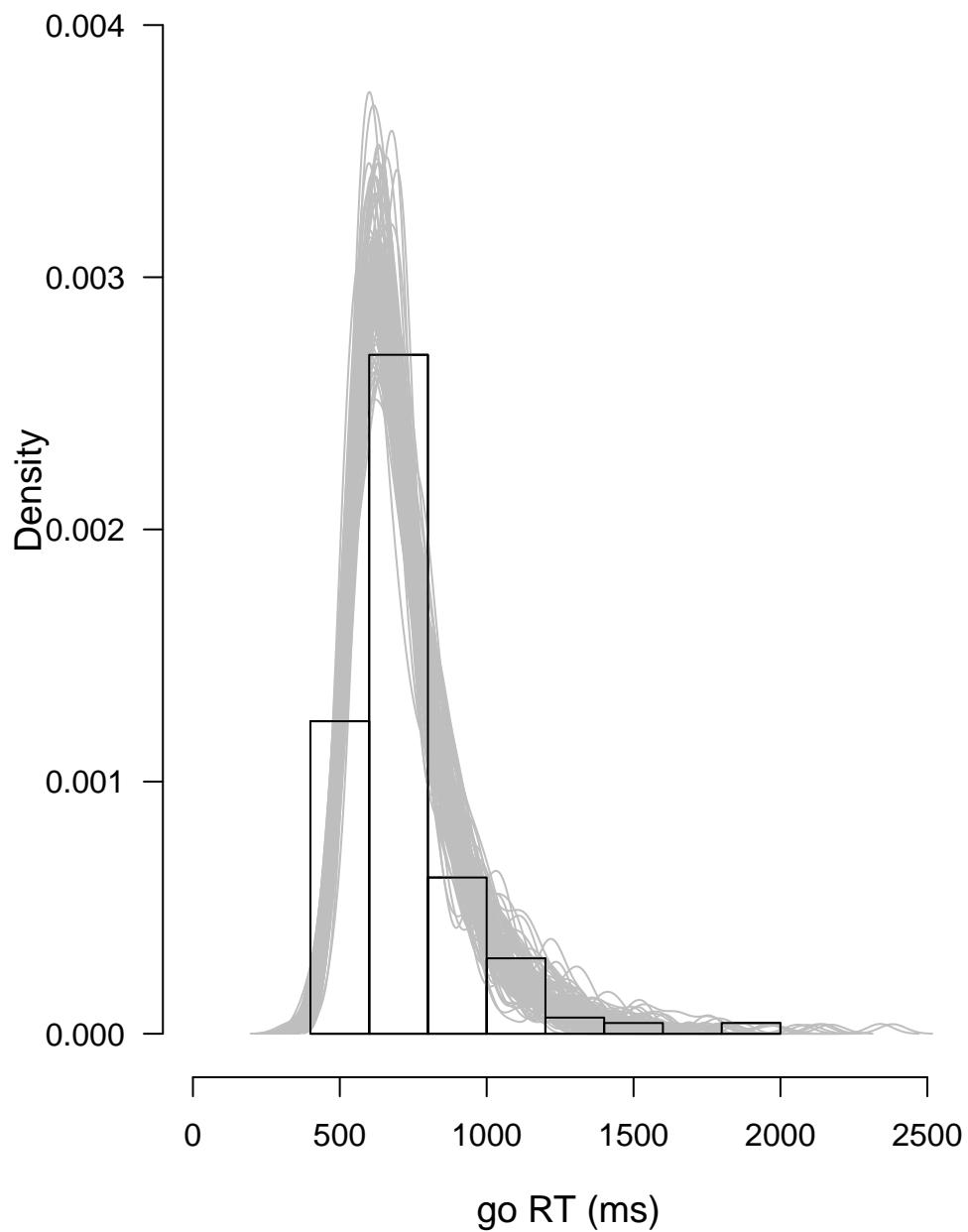
**Posterior predictive model check for SRRT distribution  
Subject 19  
at SSD = 250**



**Posterior predictive model check for SRRT distribution  
Subject 19  
at SSD = 300**



## Posterior predictive model check for go RT distribution Subject 20



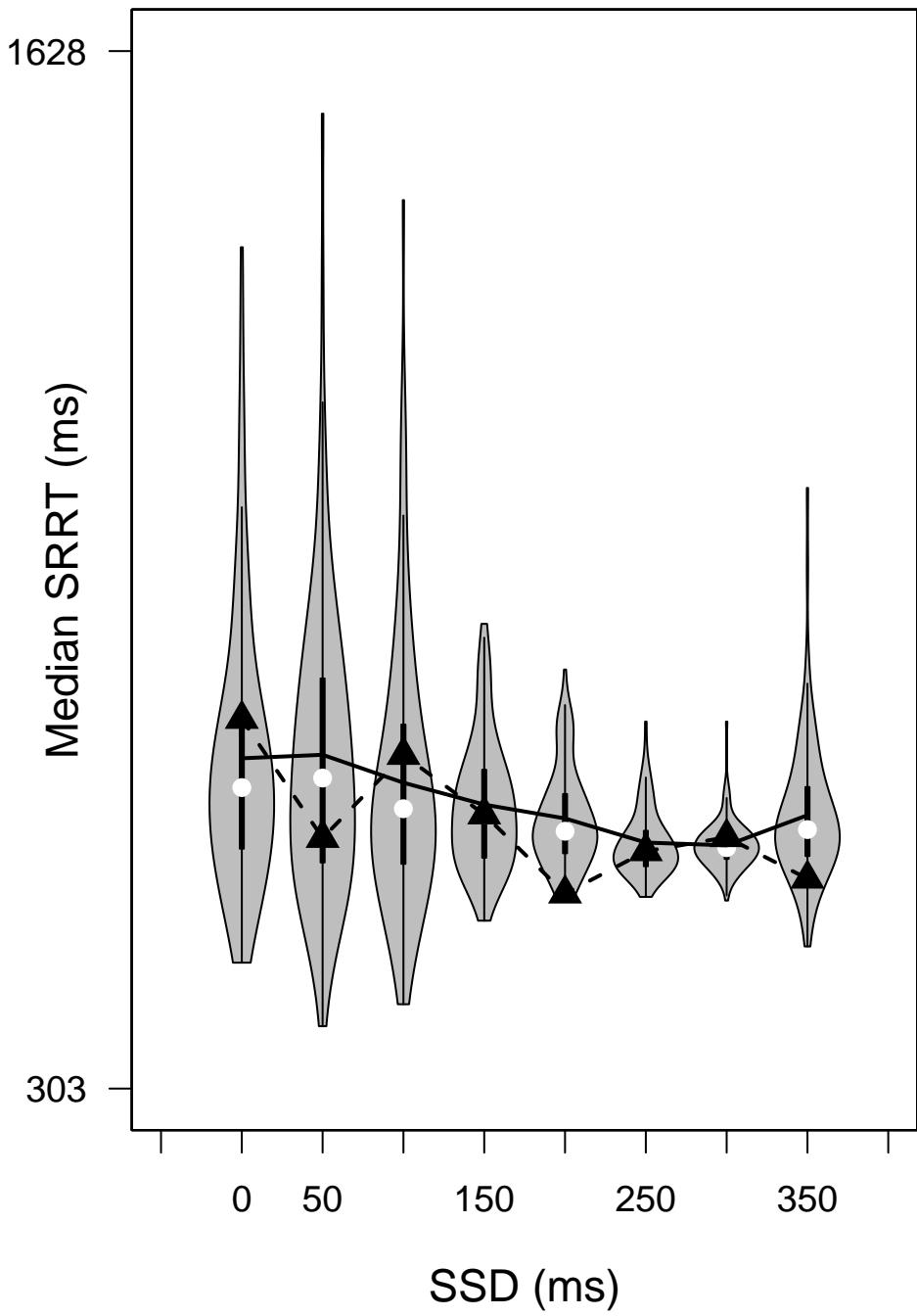
## Posterior predictive p values for median SRRT

### Subject 20

	SSD=0	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of observed SRRT	1	3	3	3	11	17	17	5
Observed median SRRT	775	623	729	653	552	606	624	571
Average predicted SRRT	724.81	729.25	693.62	665.68	648	617.17	613.63	652.1
One-sided p value	0.27	0.66	0.31	0.49	0.99	0.51	0.32	0.89
Two-sided p value	0.54	0.68	0.62	0.98	0.02	0.98	0.64	0.22

# Posterior predictive model check for median SRRT

## Subject 20



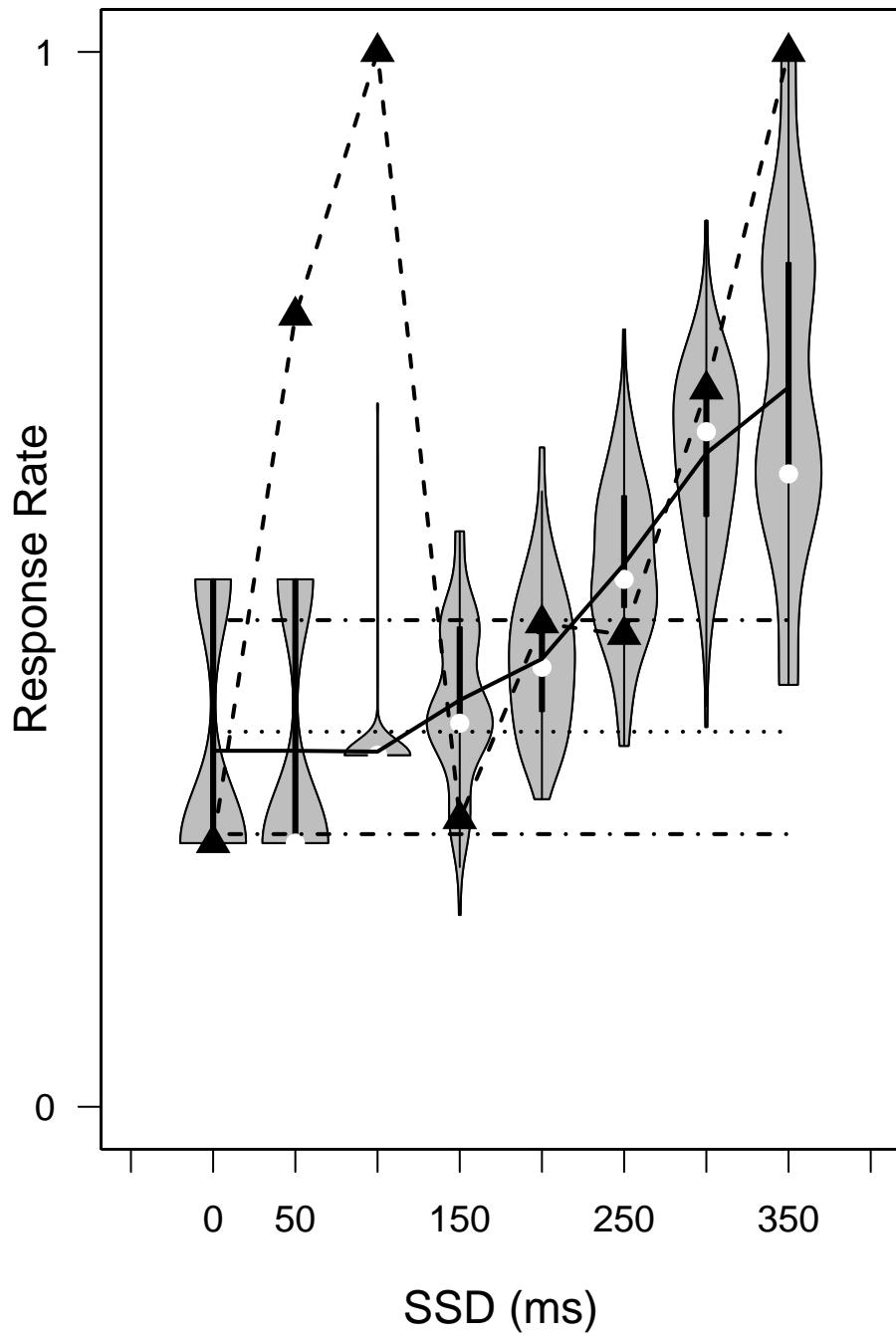
## Posterior predictive p values for inhibition function

### Subject 20

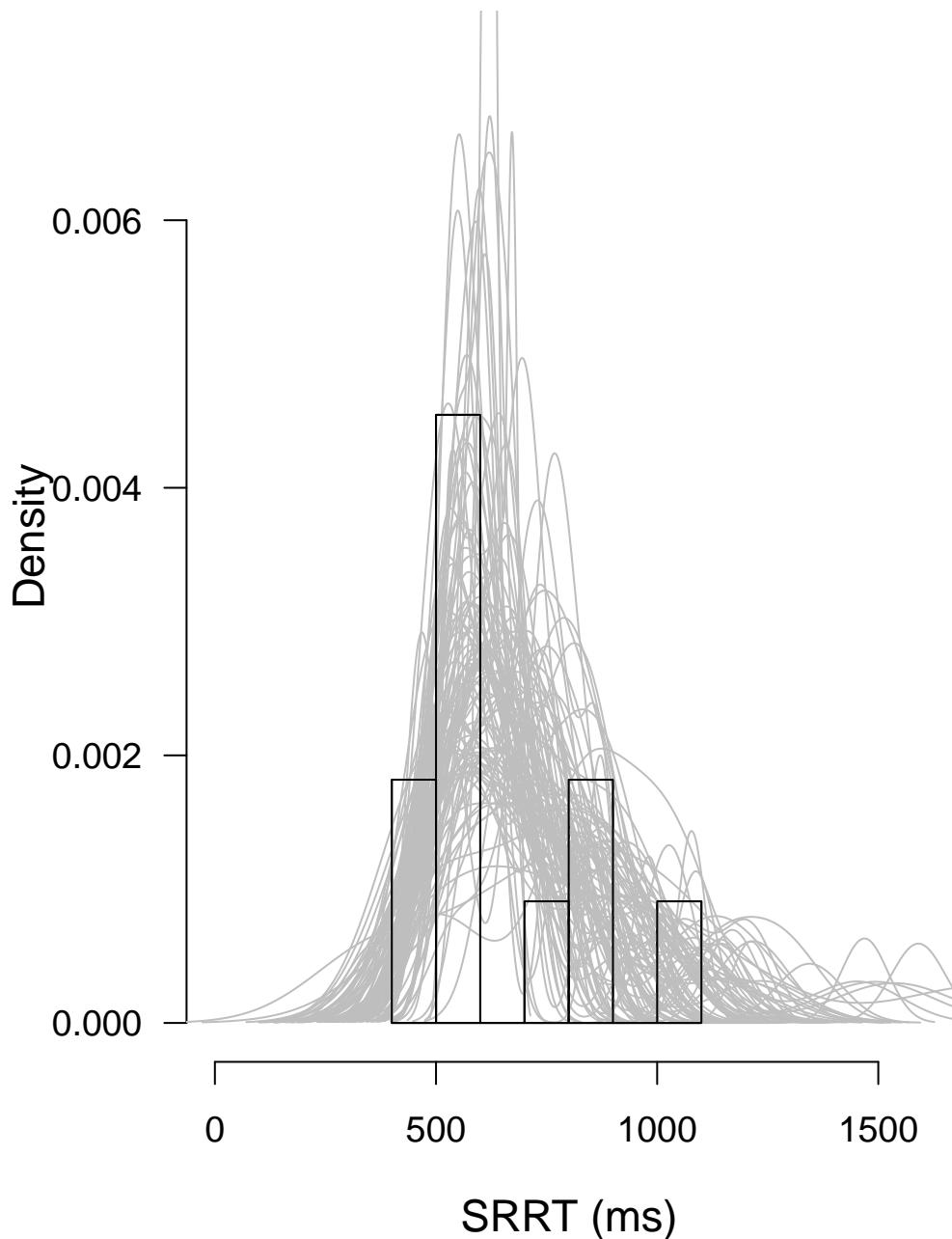
	SSD=0	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of stop–signal trials	4	4	3	11	24	38	25	5
Observed response rate	0.25	0.75	1	0.27	0.46	0.45	0.68	1
Average predicted response rate	0.34	0.34	0.34	0.39	0.42	0.51	0.62	0.68
One–sided p value	0.35	0	0	0.84	0.21	0.76	0.15	0.09
Two–sided p value	0.7	0	0	0.32	0.42	0.48	0.3	0.18

# Posterior predictive model check for inhibition function

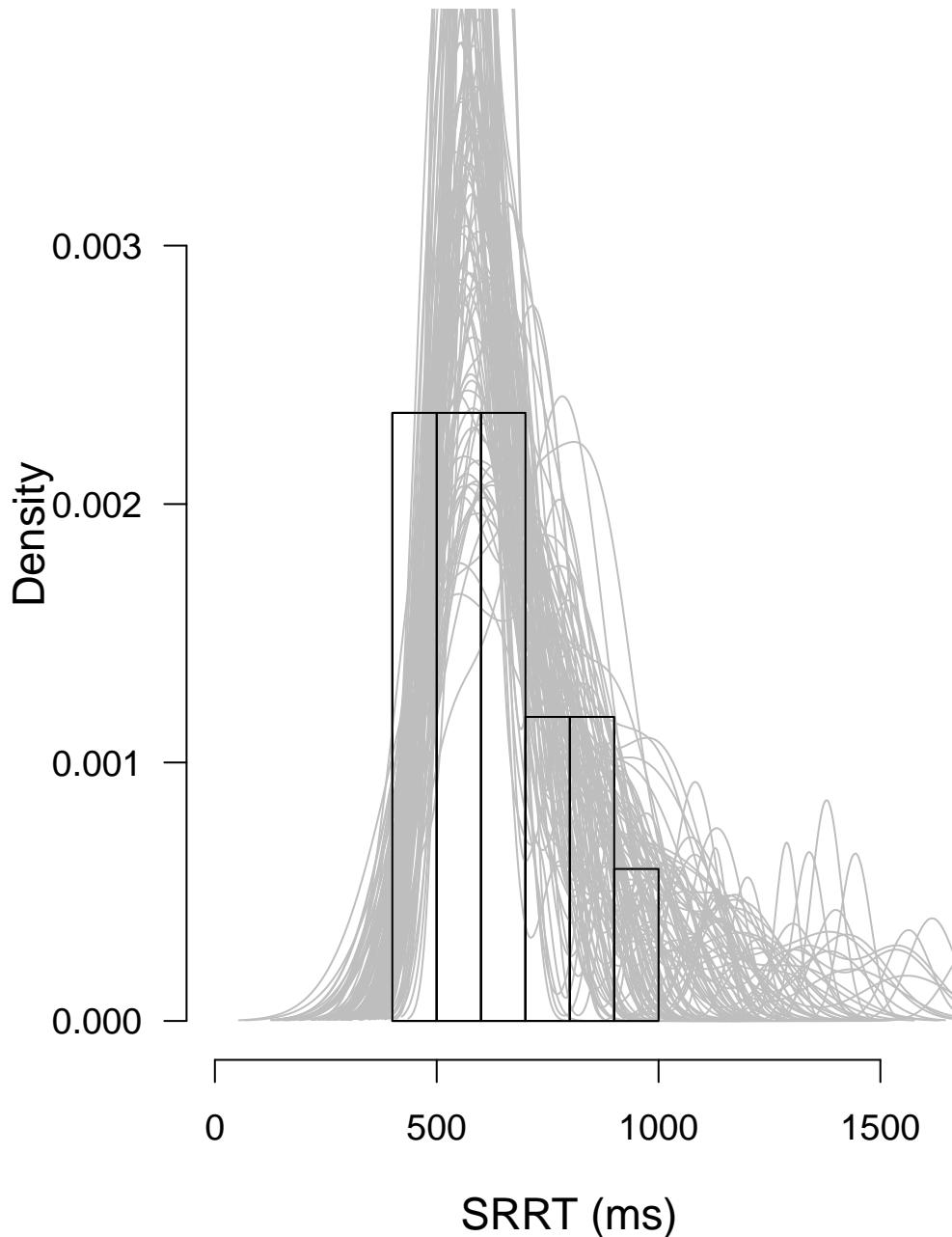
## Subject 20



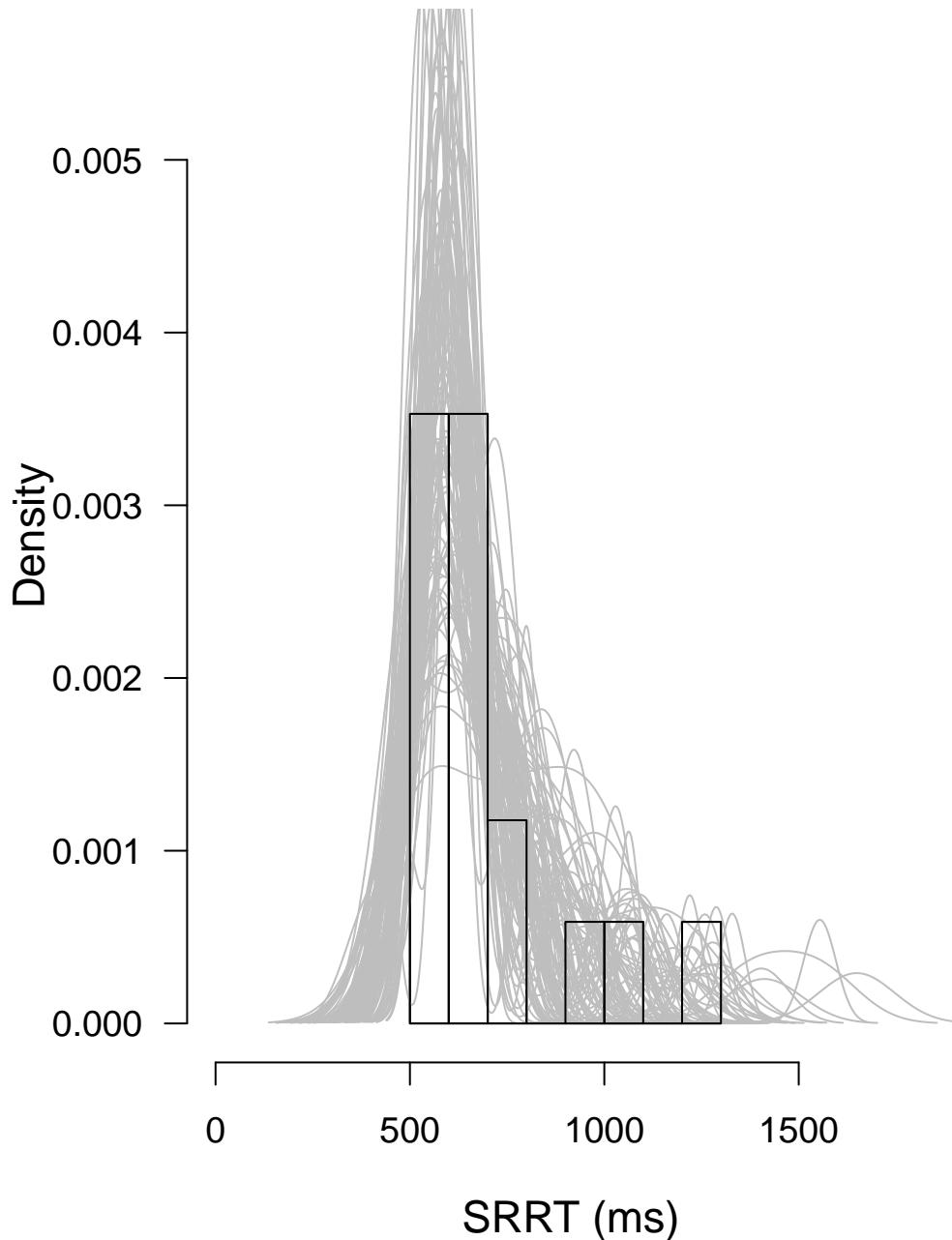
**Posterior predictive model check for SRRT distribution  
Subject 20  
at SSD = 200**



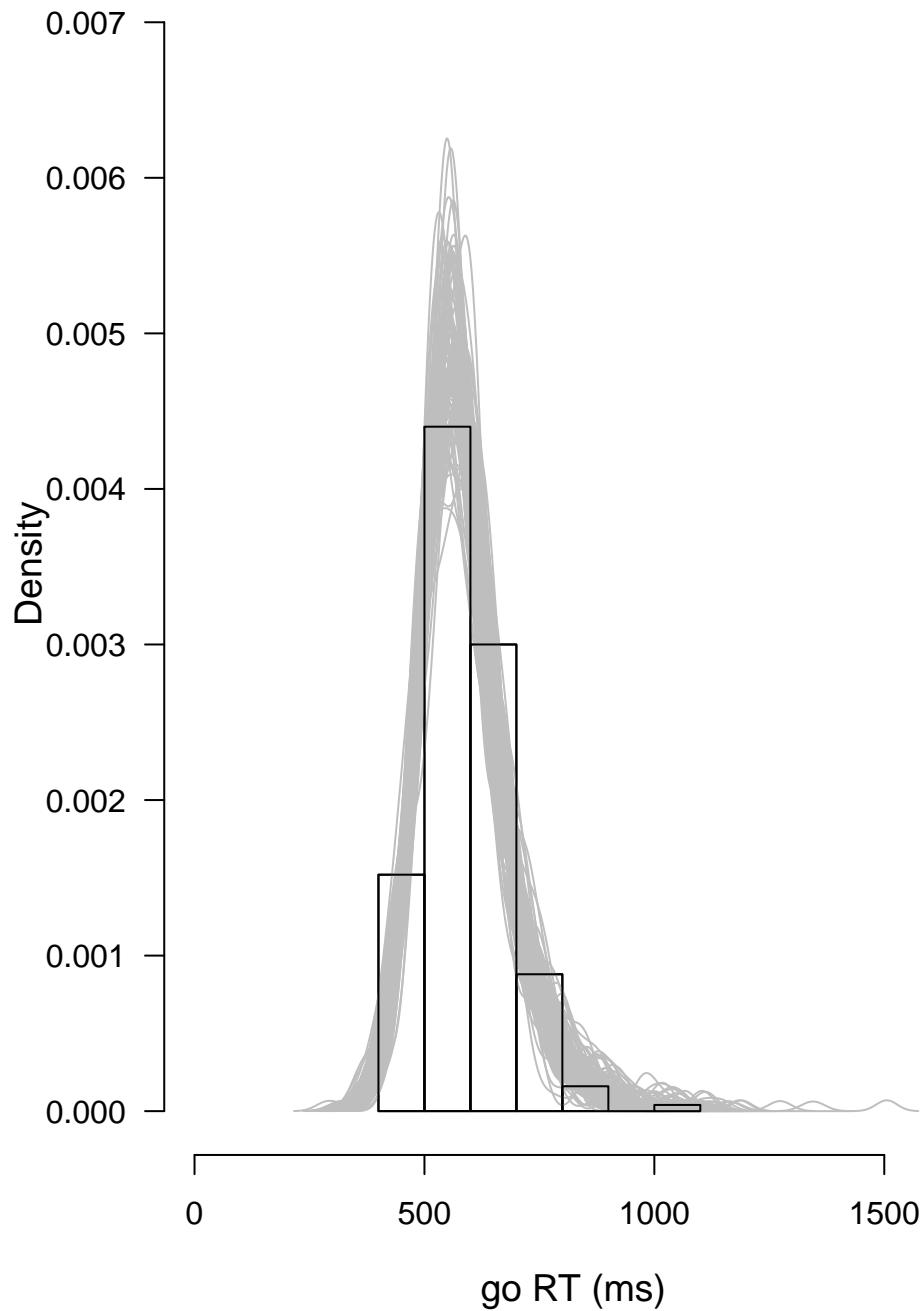
**Posterior predictive model check for SRRT distribution  
Subject 20  
at SSD = 250**



**Posterior predictive model check for SRRT distribution  
Subject 20  
at SSD = 300**



## Posterior predictive model check for go RT distribution Subject 21



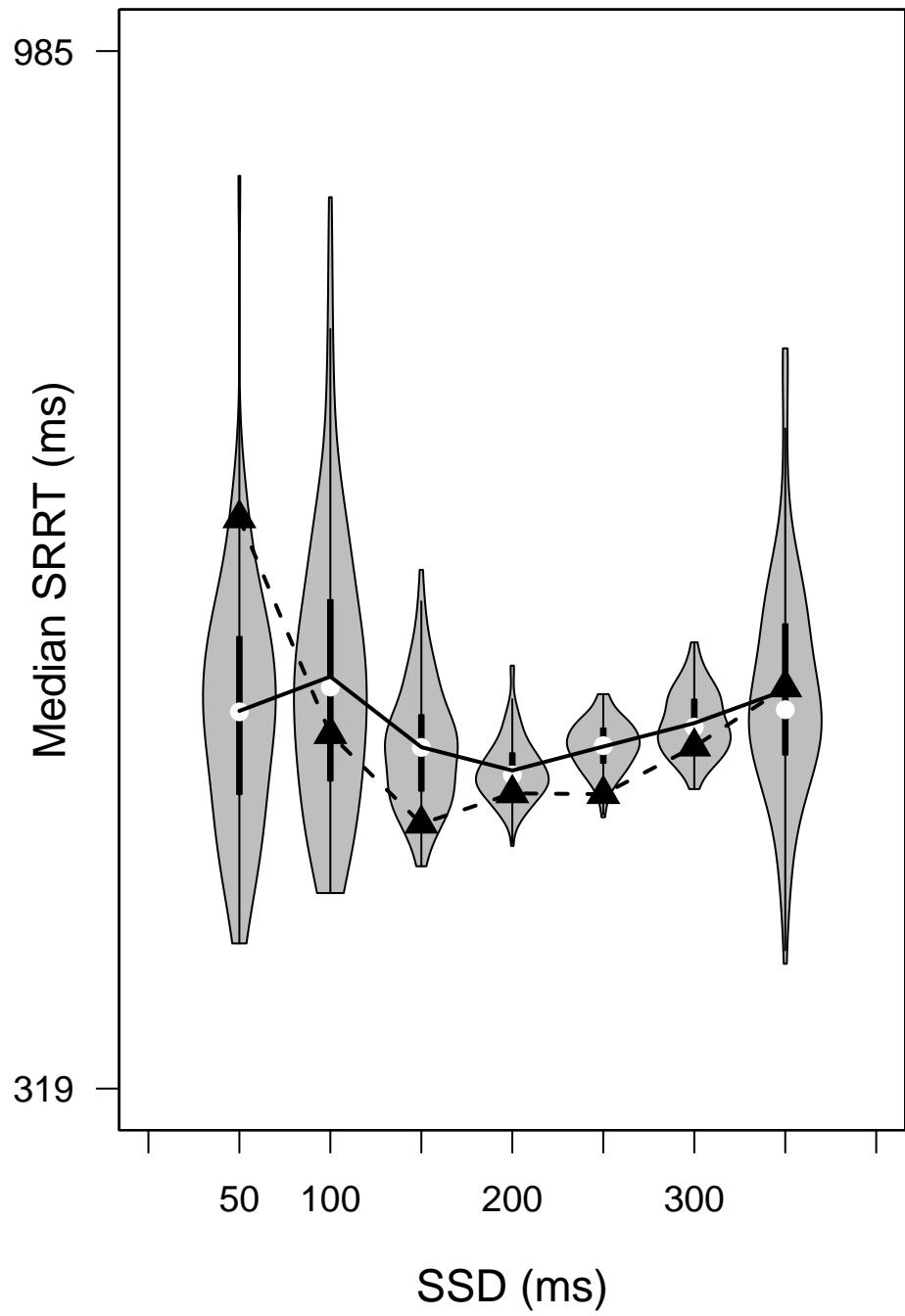
## Posterior predictive p values for median SRRT

### Subject 21

	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of observed SRRT	1	2	6	20	18	10	2
Observed median SRRT	685	546.5	489	508.5	508	538.5	576.5
Average predicted SRRT	561.44	583.45	538.17	523.19	538.55	553.62	574.73
One-sided p value	0.041	0.62	0.93	0.79	0.97	0.74	0.398
Two-sided p value	0.082	0.76	0.14	0.42	0.06	0.52	0.796

# Posterior predictive model check for median SRRT

## Subject 21



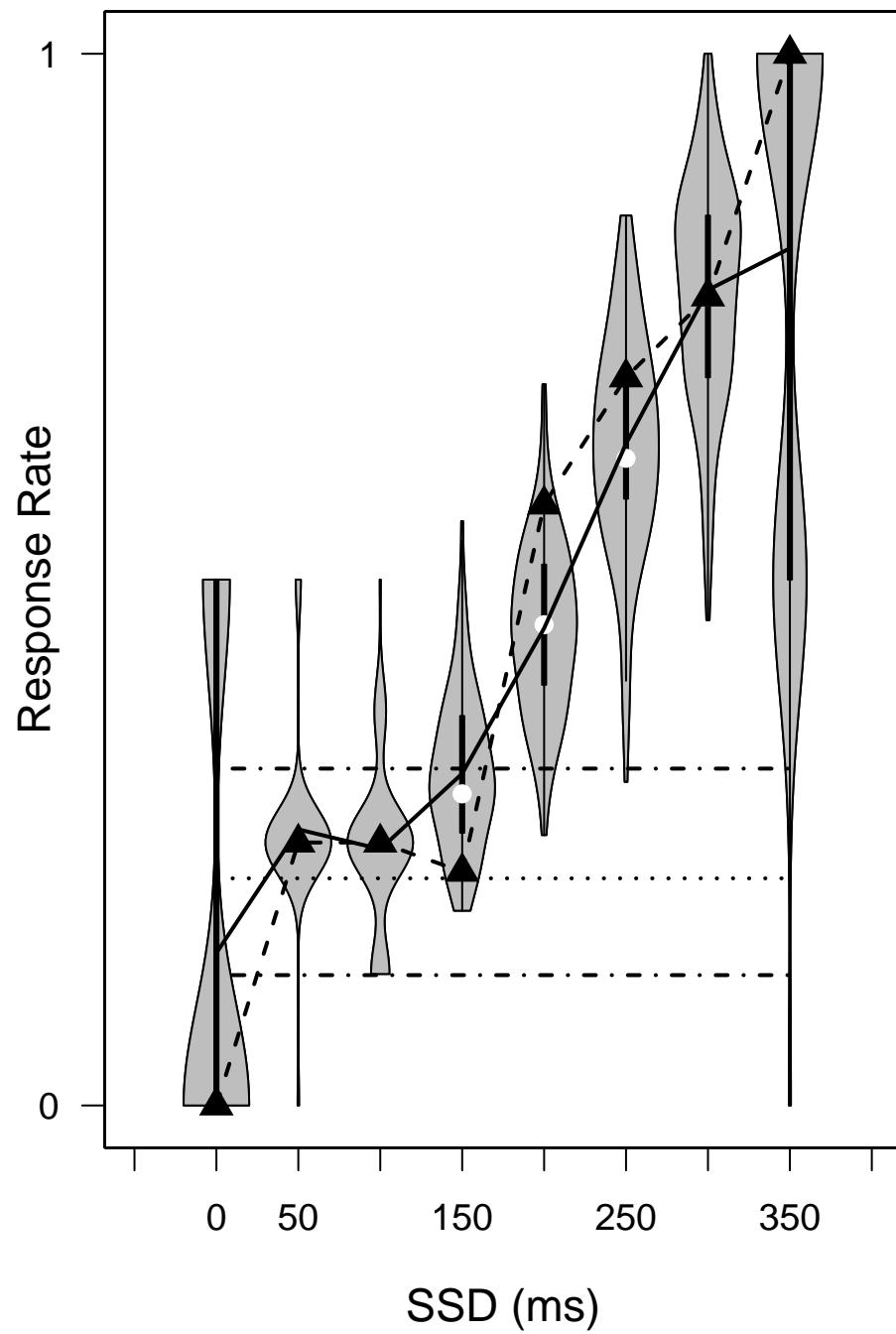
## Posterior predictive p values for inhibition function

### Subject 21

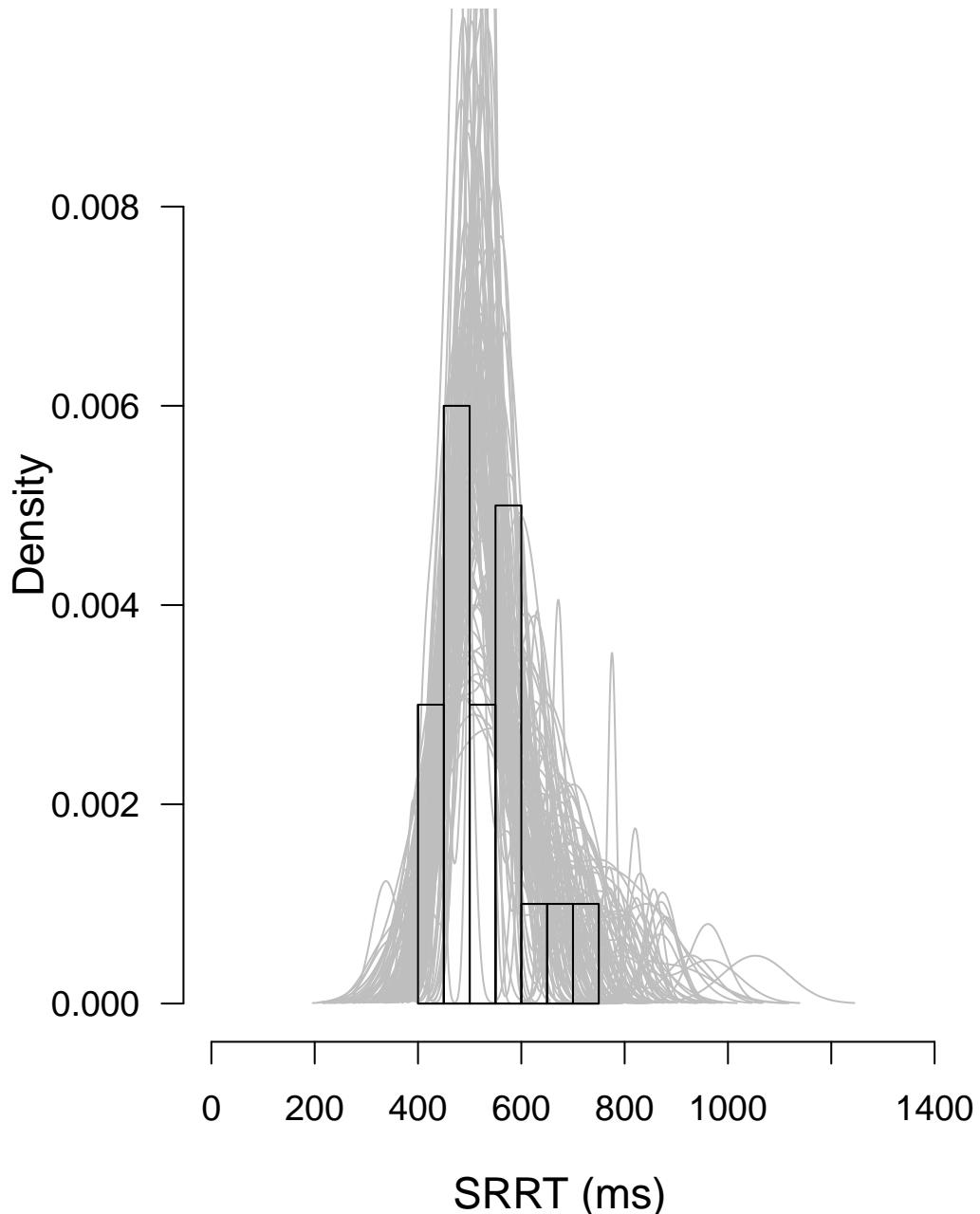
	SSD=0	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of stop–signal trials	2	4	8	27	35	26	13	2
Observed response rate	0	0.25	0.25	0.22	0.57	0.69	0.77	1
Average predicted response rate	0.14	0.26	0.24	0.32	0.45	0.63	0.78	0.82
One–sided p value	0.29	0.07	0.13	0.83	0.05	0.2	0.44	0.65
Two–sided p value	0.58	0.14	0.26	0.34	0.1	0.4	0.88	0.7

# Posterior predictive model check for inhibition function

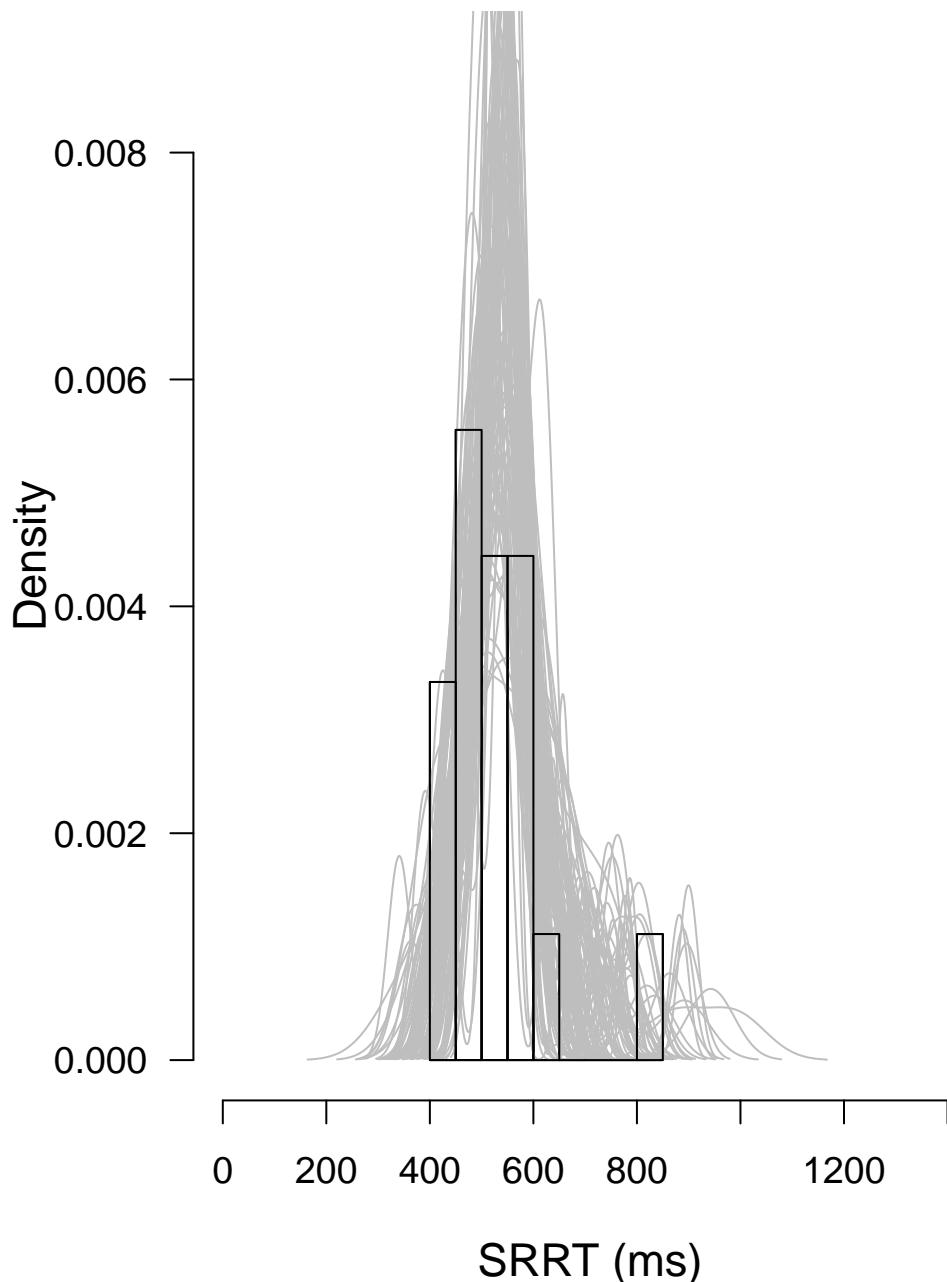
## Subject 21



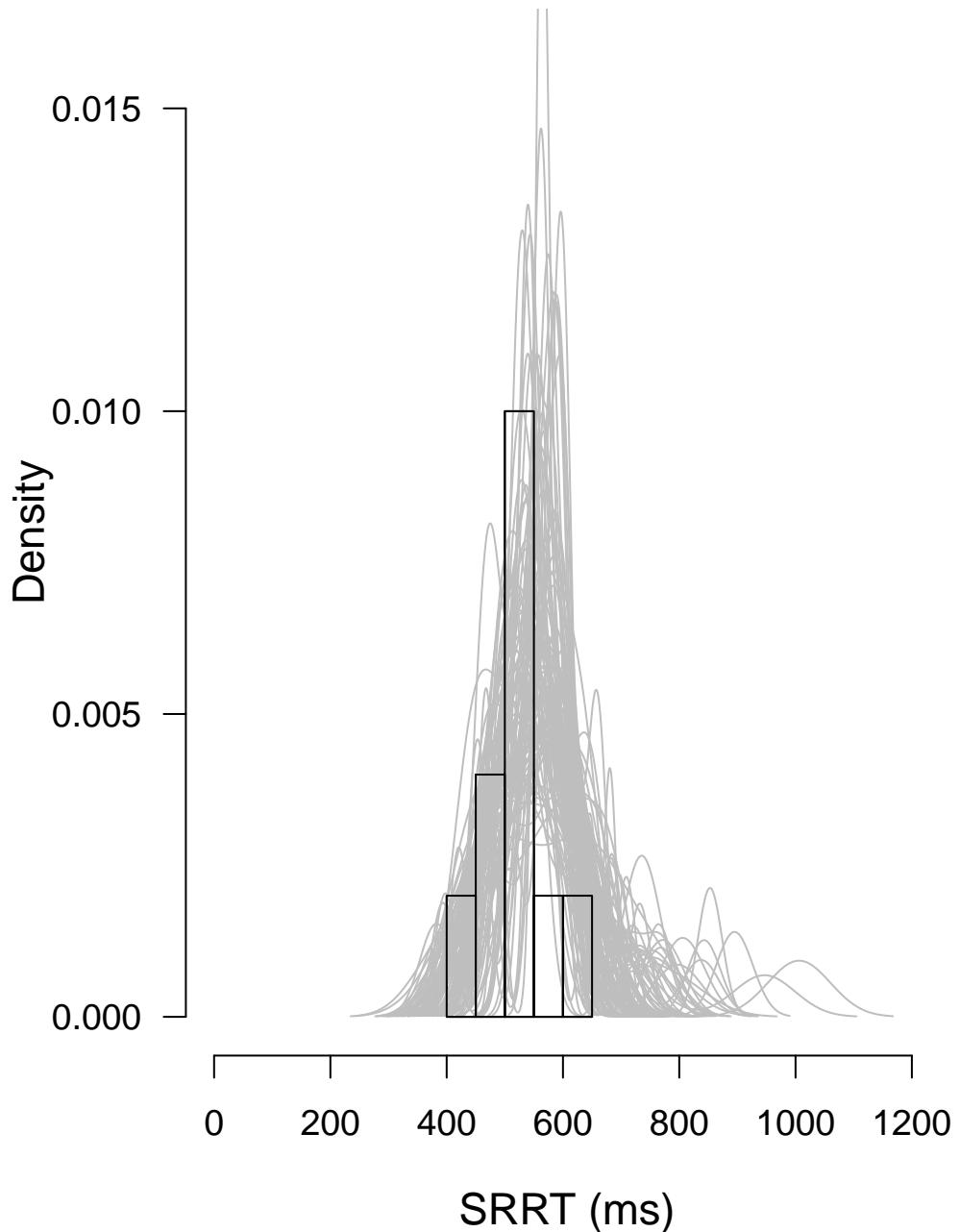
**Posterior predictive model check for SRRT distribution  
Subject 21  
at SSD = 200**



**Posterior predictive model check for SRRT distribution  
Subject 21  
at SSD = 250**

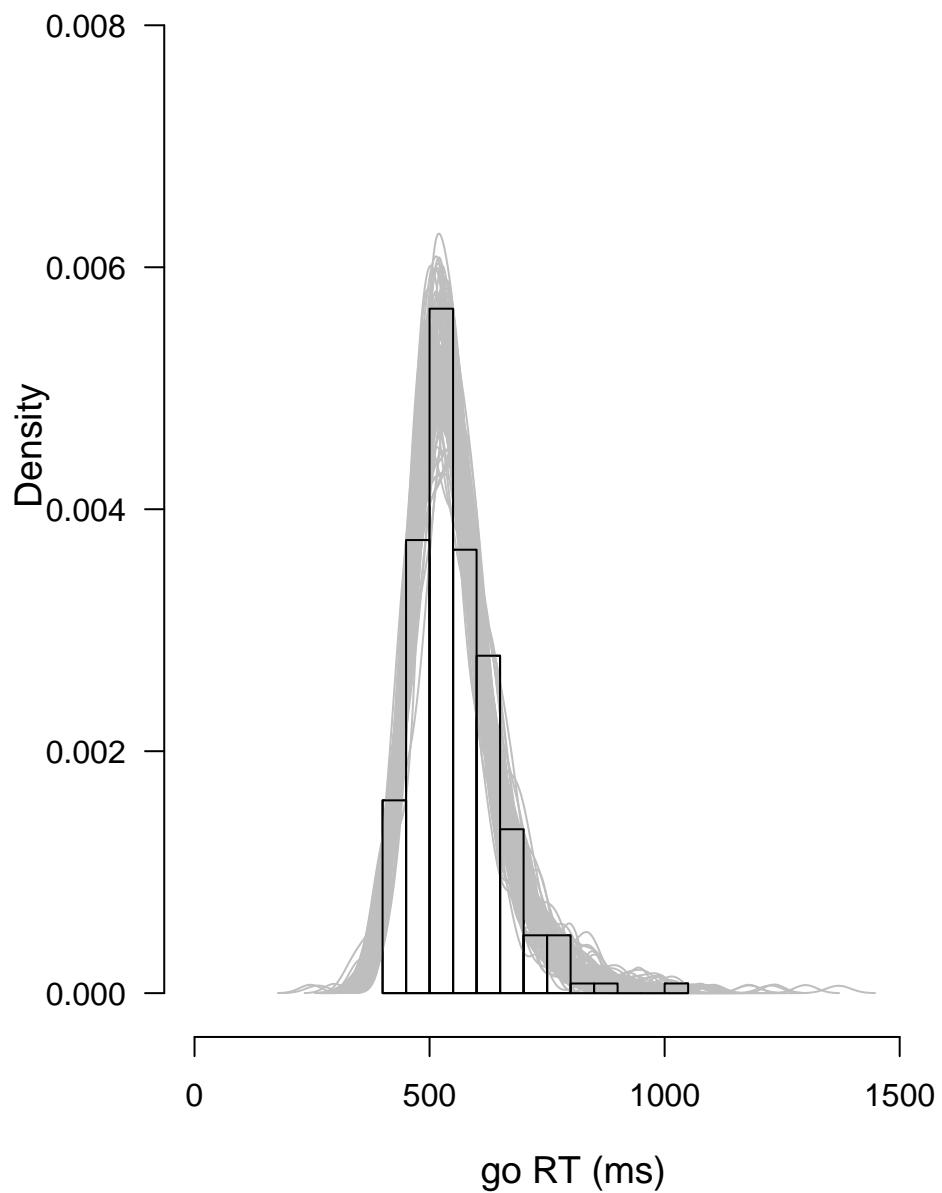


**Posterior predictive model check for SRRT distribution  
Subject 21  
at SSD = 300**



# **Posterior predictive model check for go RT distribution**

## **Subject 22**



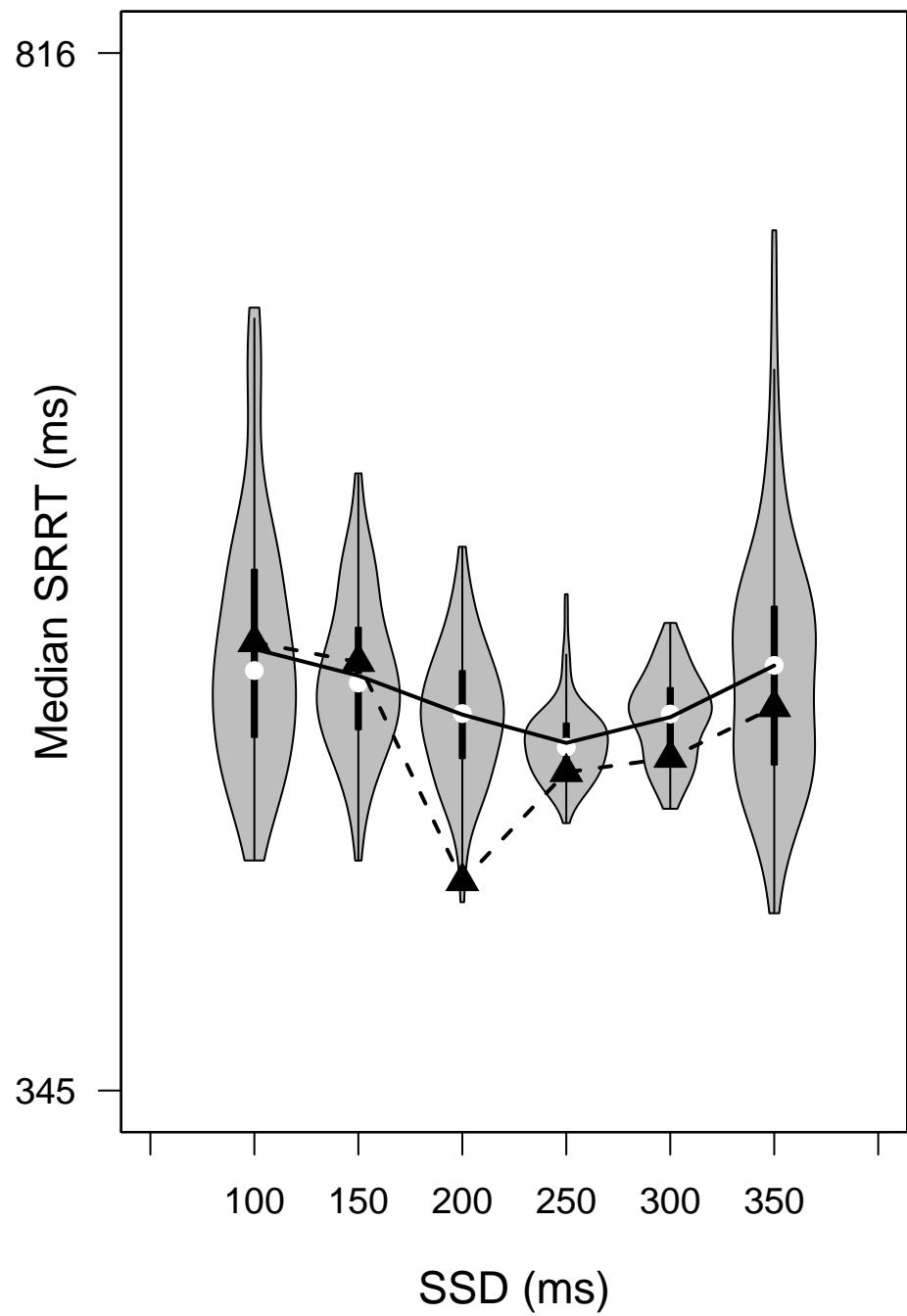
## Posterior predictive p values for median SRRT

**Subject 22**

	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of observed SRRT	2	8	15	24	15	2
Observed median SRRT	548.5	539.5	440	489.5	496	519
Average predicted SRRT	545.44	533.36	515.67	502.81	514.5	537.92
One-sided p value	0.4	0.39	0.99	0.77	0.8	0.59
Two-sided p value	0.8	0.78	0.02	0.46	0.4	0.82

# Posterior predictive model check for median SRRT

## Subject 22

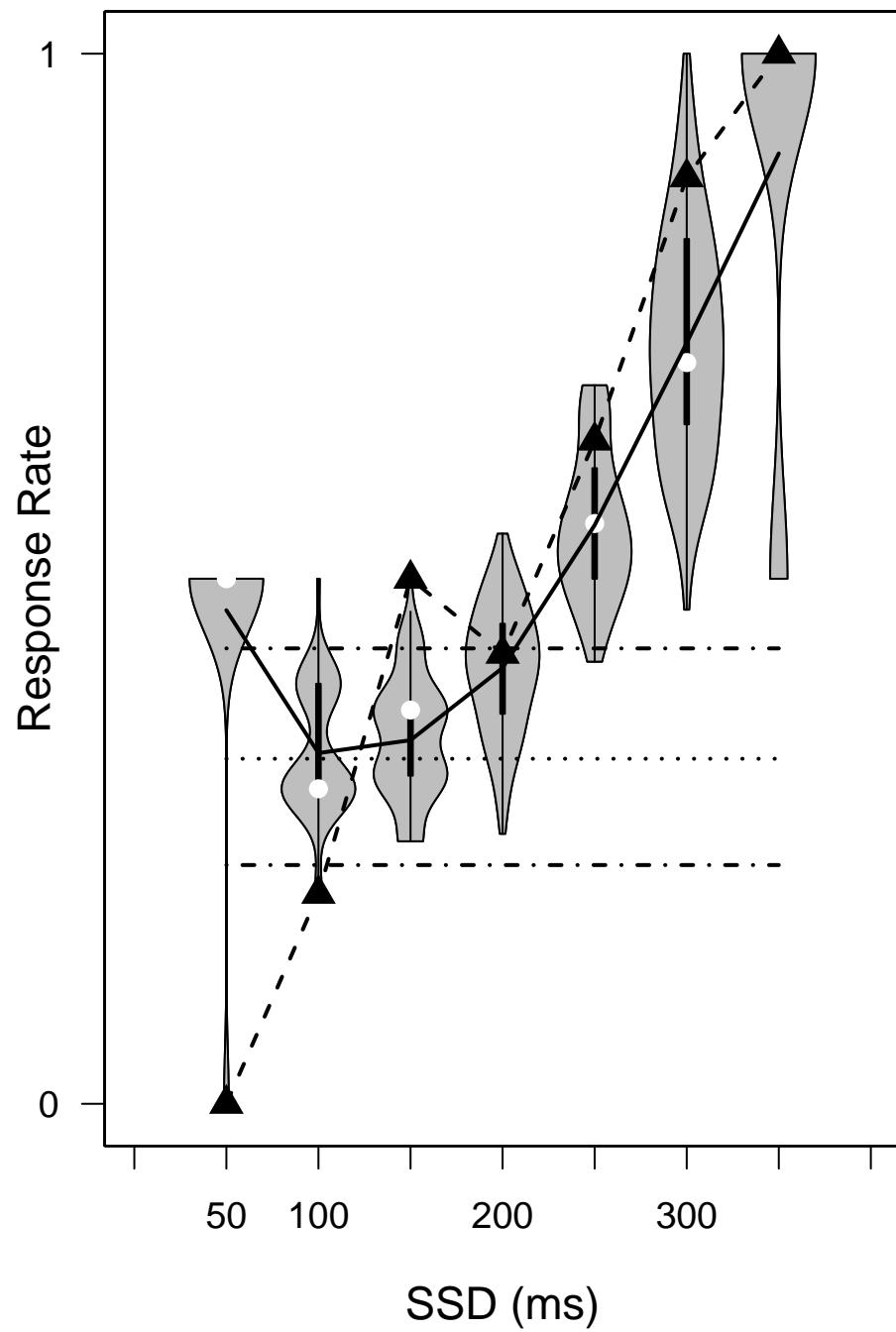


Posterior predictive p values for inhibition function  
**Subject 22**

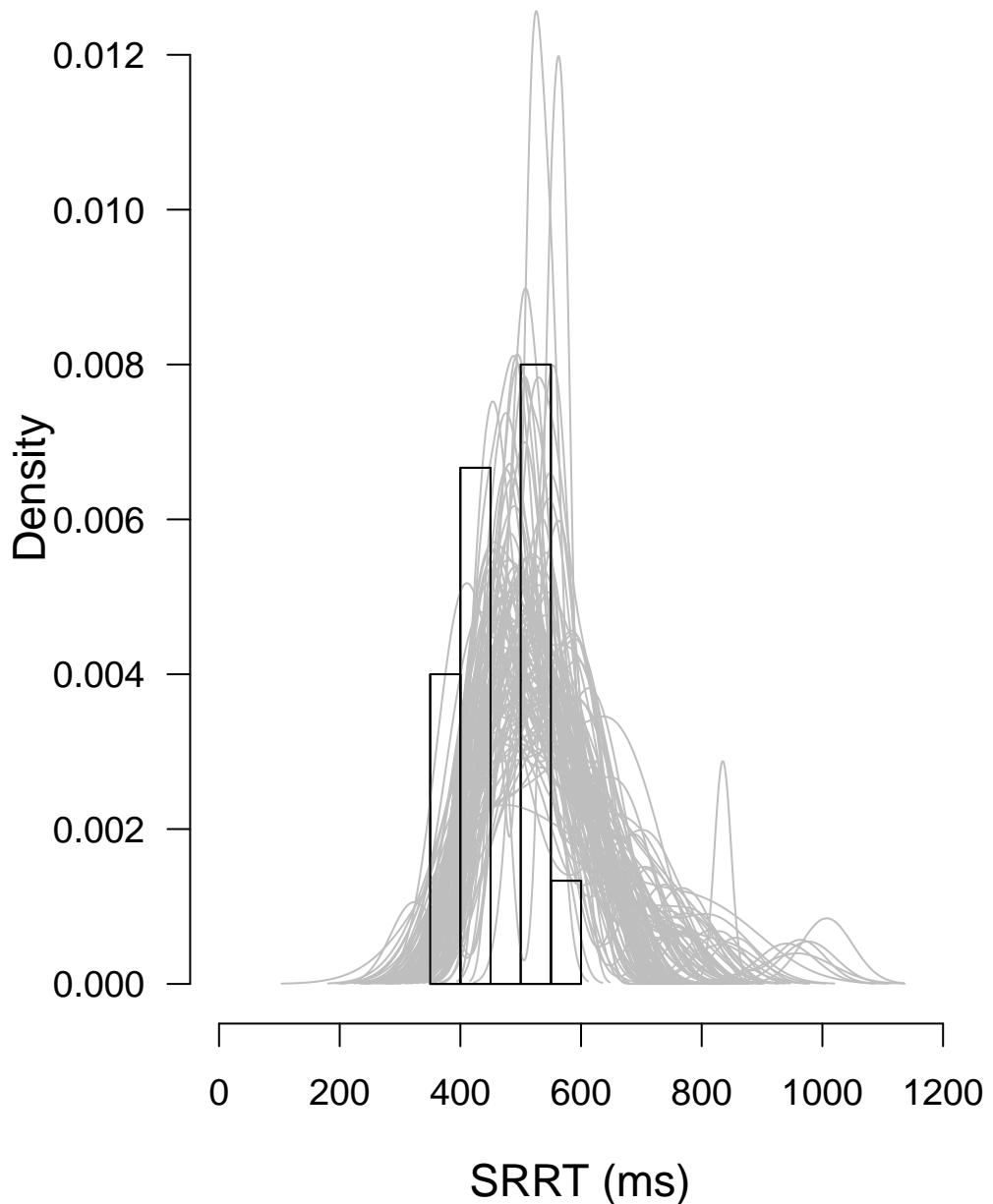
	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of stop-signal trials	2	10	16	35	38	17	2
Observed response rate	0	0.2	0.5	0.43	0.63	0.88	1
Average predicted response rate	0.47	0.33	0.35	0.42	0.55	0.72	0.9
One-sided p value	0.94	0.95	0	0.34	0.15	0.05	0.81
Two-sided p value	0.12	0.1	0	0.68	0.3	0.1	0.38

# Posterior predictive model check for inhibition function

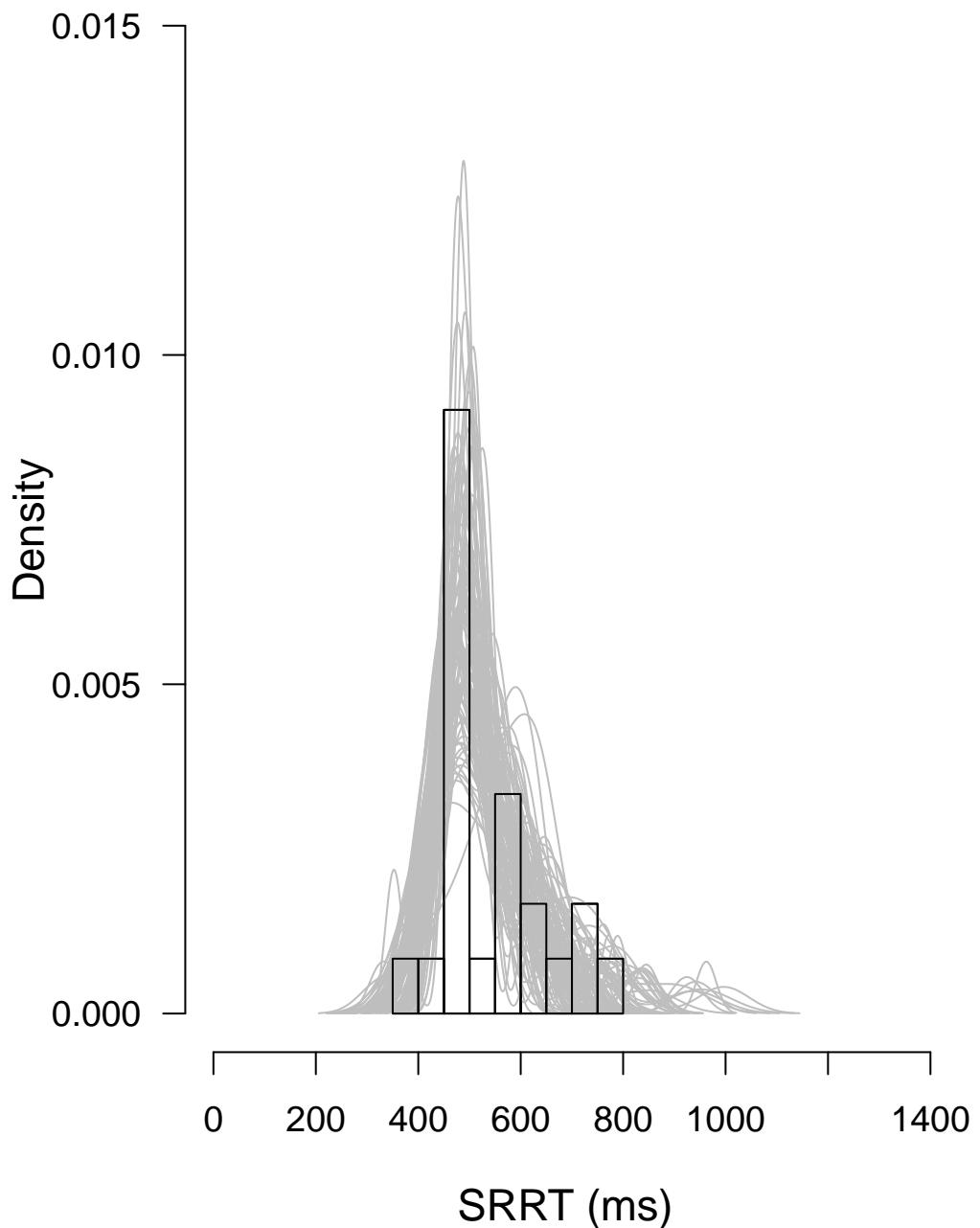
## Subject 22



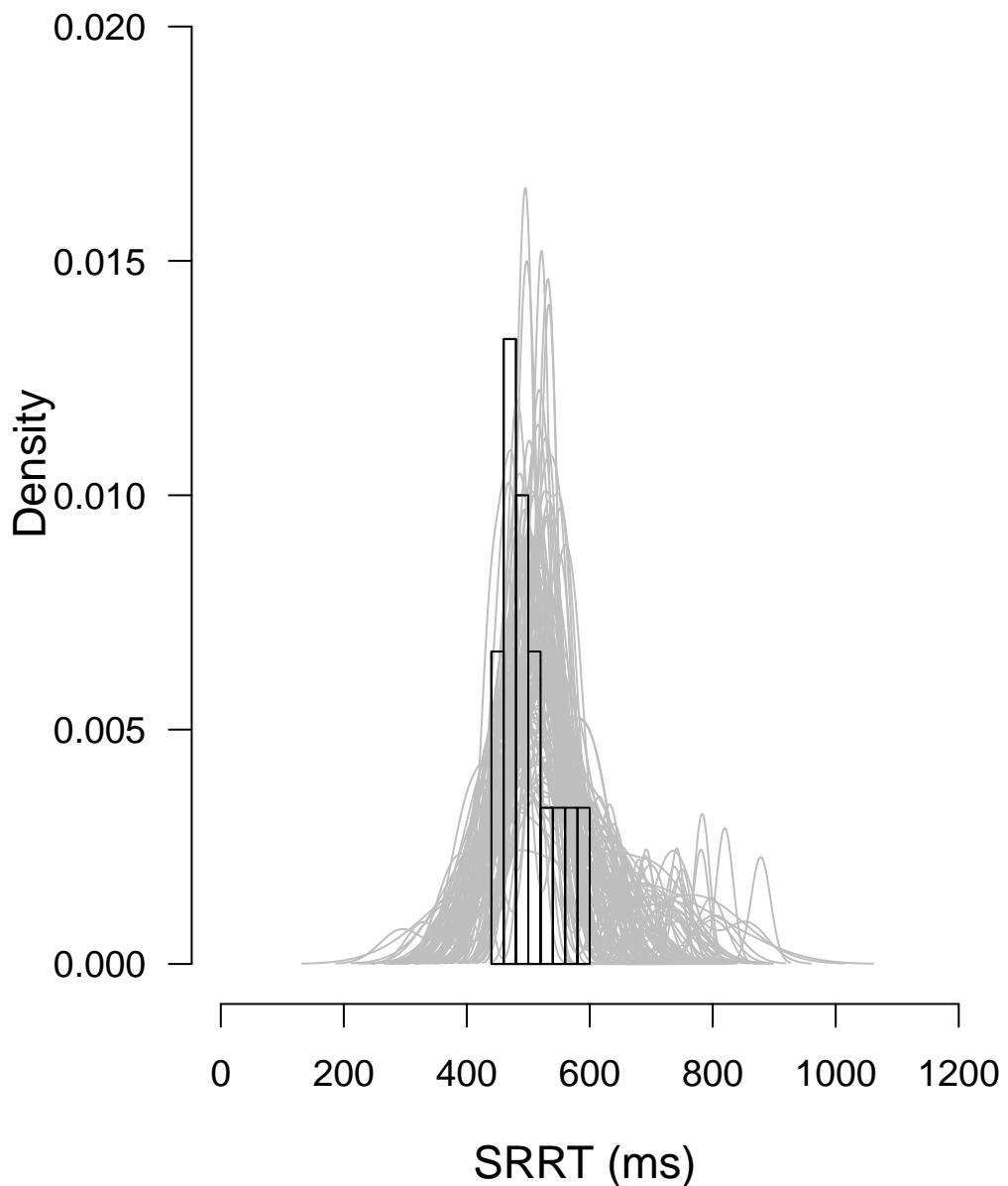
**Posterior predictive model check for SRRT distribution  
Subject 22  
at SSD = 200**



**Posterior predictive model check for SRRT distribution  
Subject 22  
at SSD = 250**

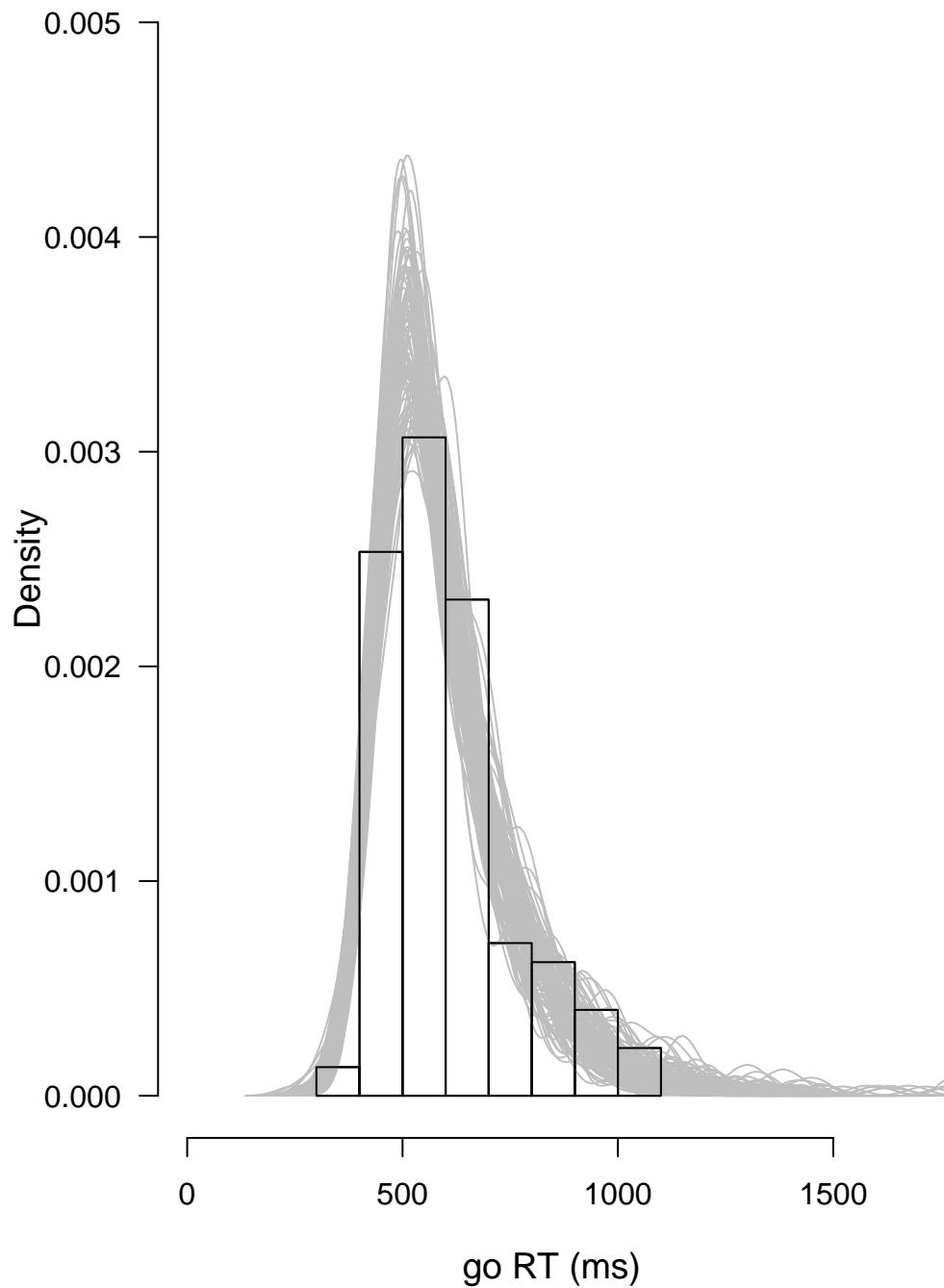


**Posterior predictive model check for SRRT distribution  
Subject 22  
at SSD = 300**



# Posterior predictive model check for go RT distribution

## Subject 23



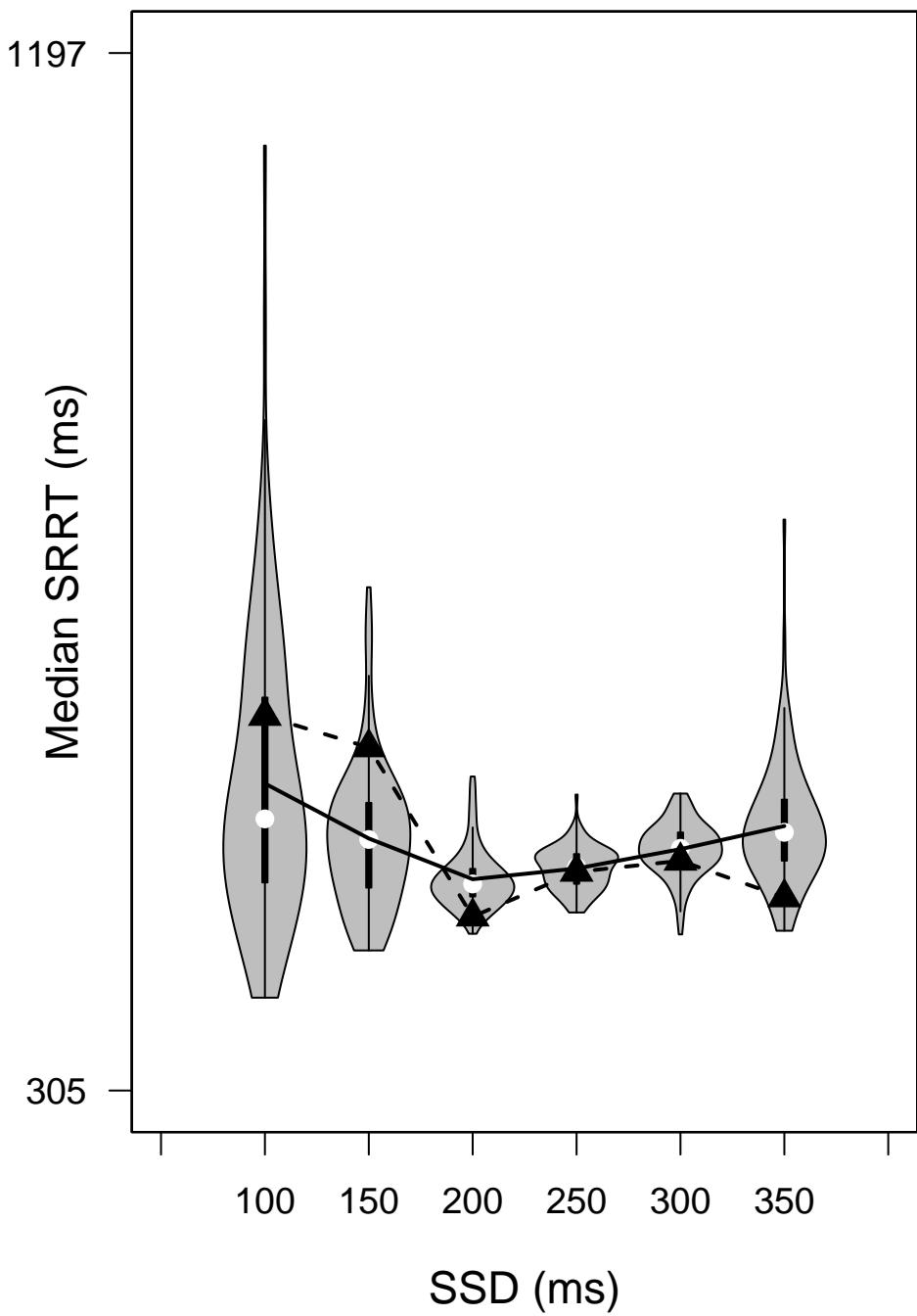
## Posterior predictive p values for median SRRT

**Subject 23**

	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of observed SRRT	1	7	16	23	16	5
Observed median SRRT	627	600	454.5	493	502.5	471
Average predicted SRRT	568.97	521.71	486.71	495.89	512.51	532.4
One-sided p value	0.29	0.07	0.97	0.56	0.71	0.9
Two-sided p value	0.58	0.14	0.06	0.88	0.58	0.2

# Posterior predictive model check for median SRRT

## Subject 23

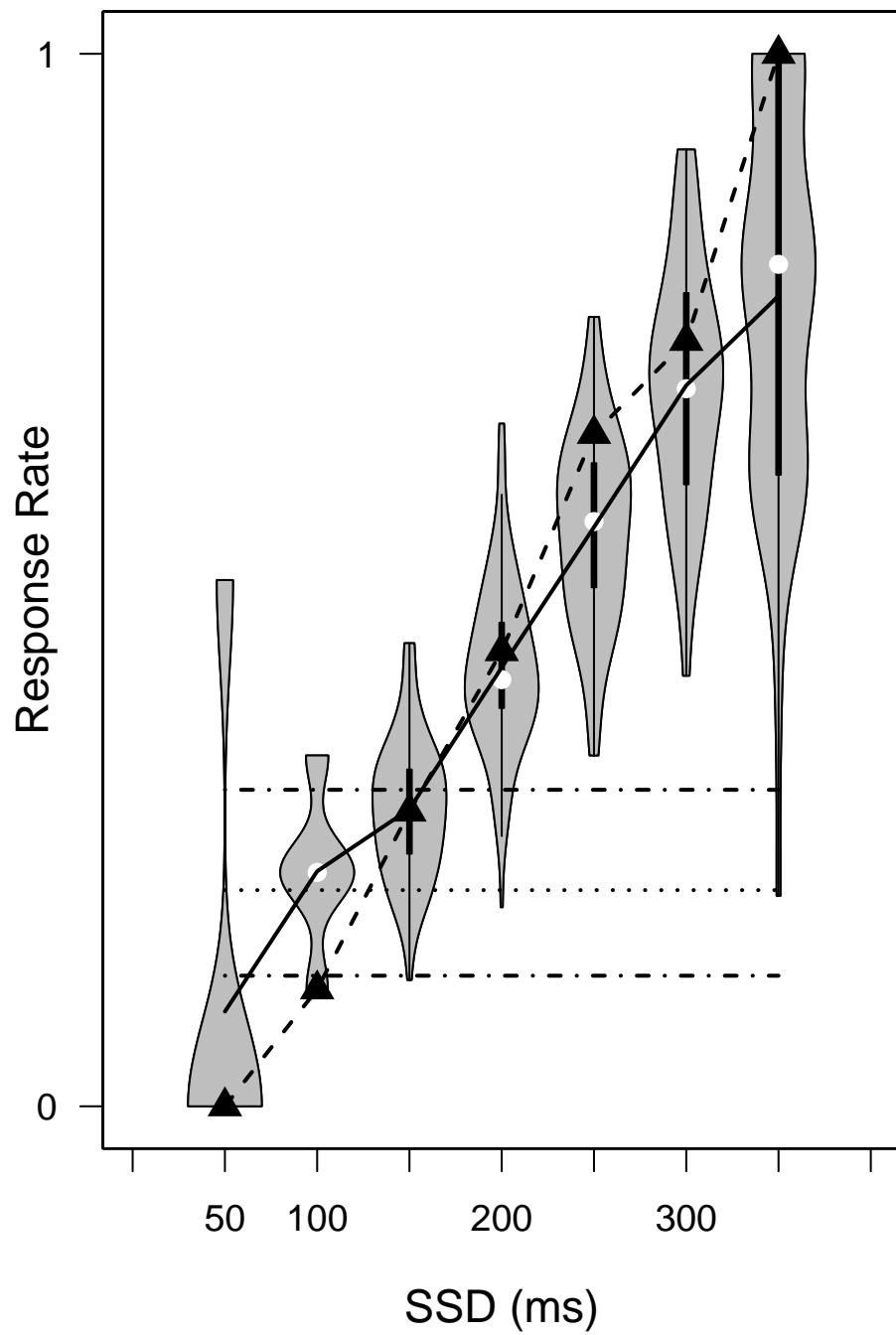


Posterior predictive p values for inhibition function  
**Subject 23**

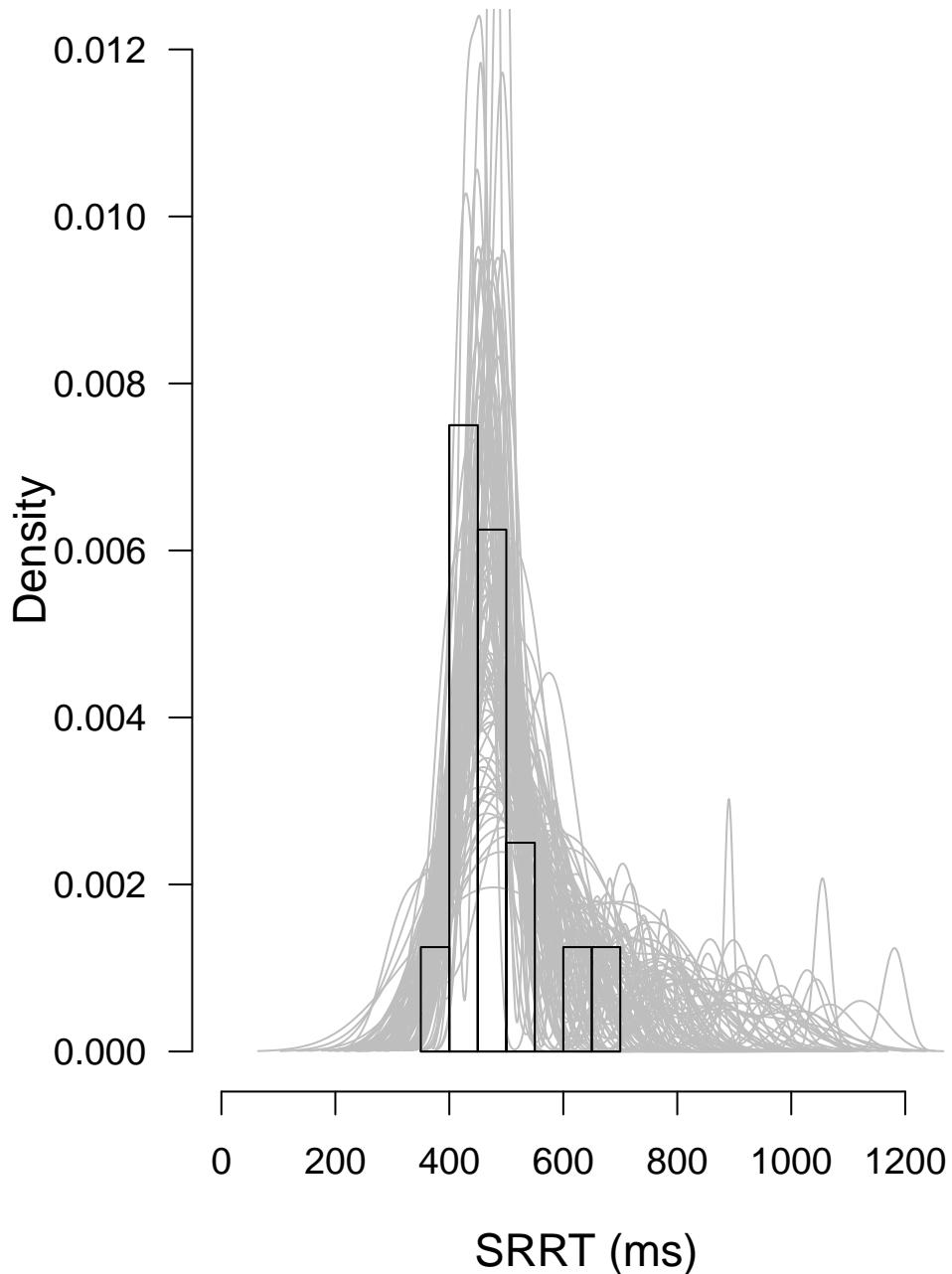
	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300	SSD=350
Number of stop-signal trials	2	9	25	37	36	22	5
Observed response rate	0	0.11	0.28	0.43	0.64	0.73	1
Average predicted response rate	0.09	0.22	0.28	0.42	0.55	0.68	0.77
One-sided p value	0.18	0.82	0.4	0.32	0.11	0.26	0.27
Two-sided p value	0.36	0.36	0.8	0.64	0.22	0.52	0.54

# Posterior predictive model check for inhibition function

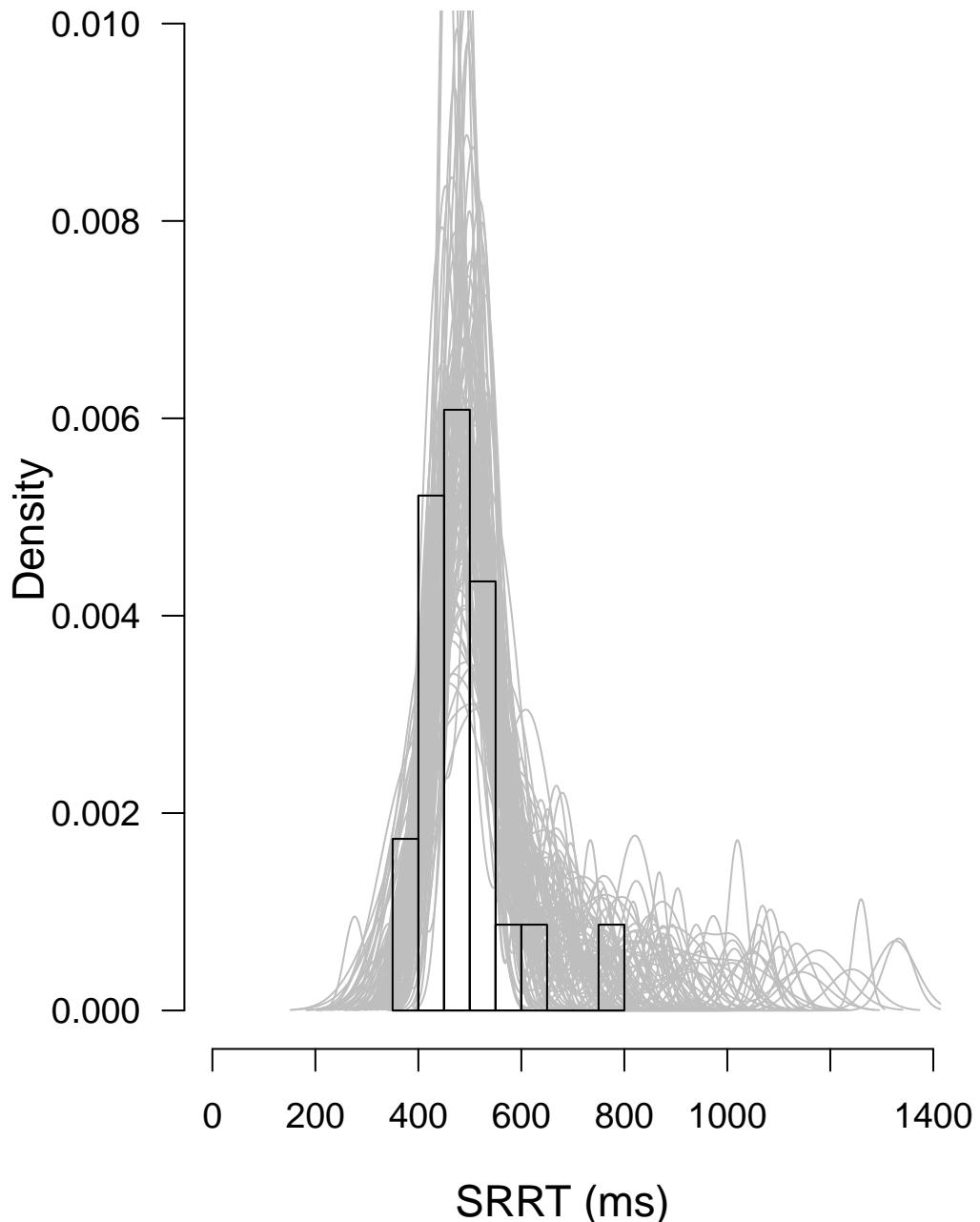
## Subject 23



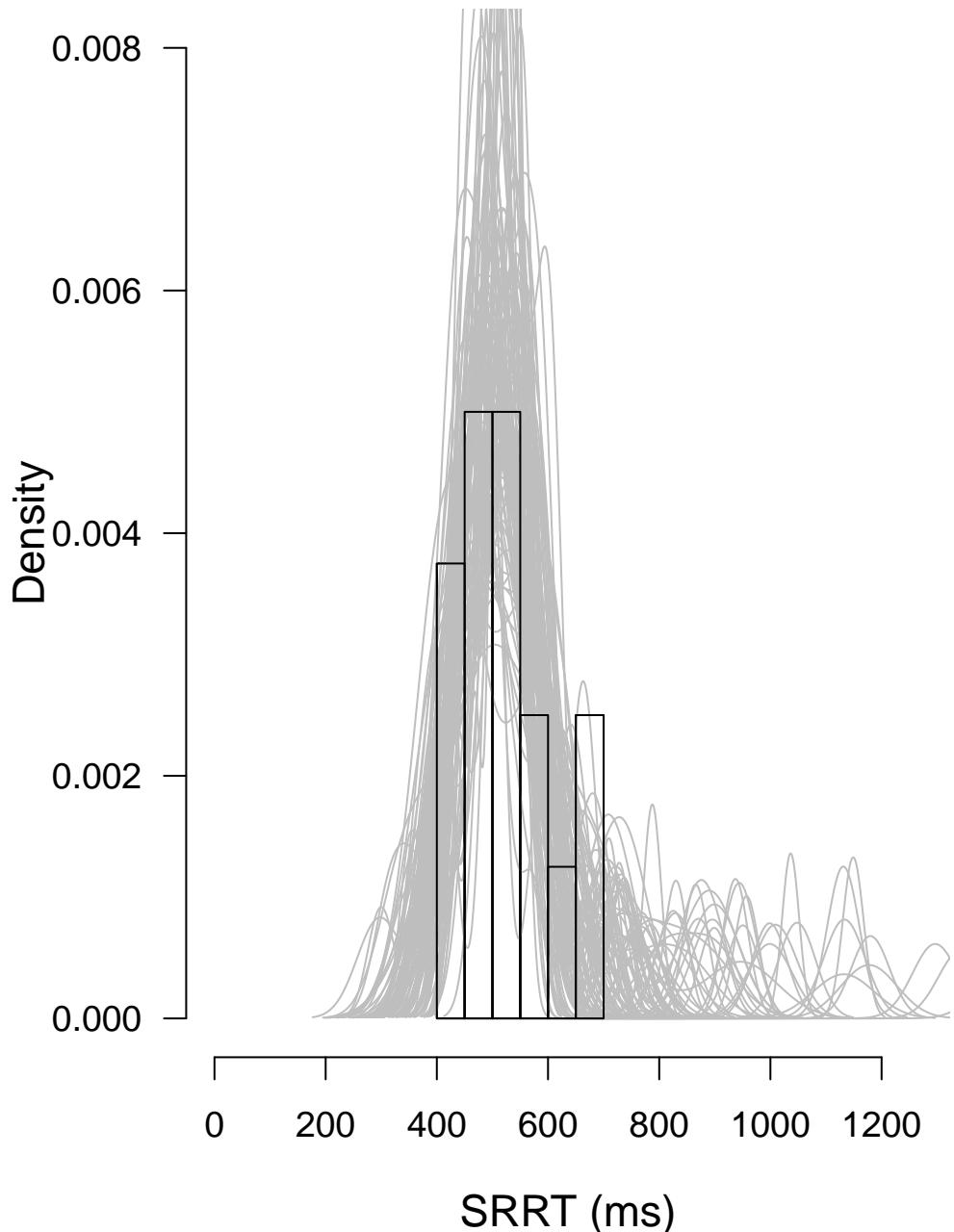
**Posterior predictive model check for SRRT distribution  
Subject 23  
at SSD = 200**



**Posterior predictive model check for SRRT distribution  
Subject 23  
at SSD = 250**

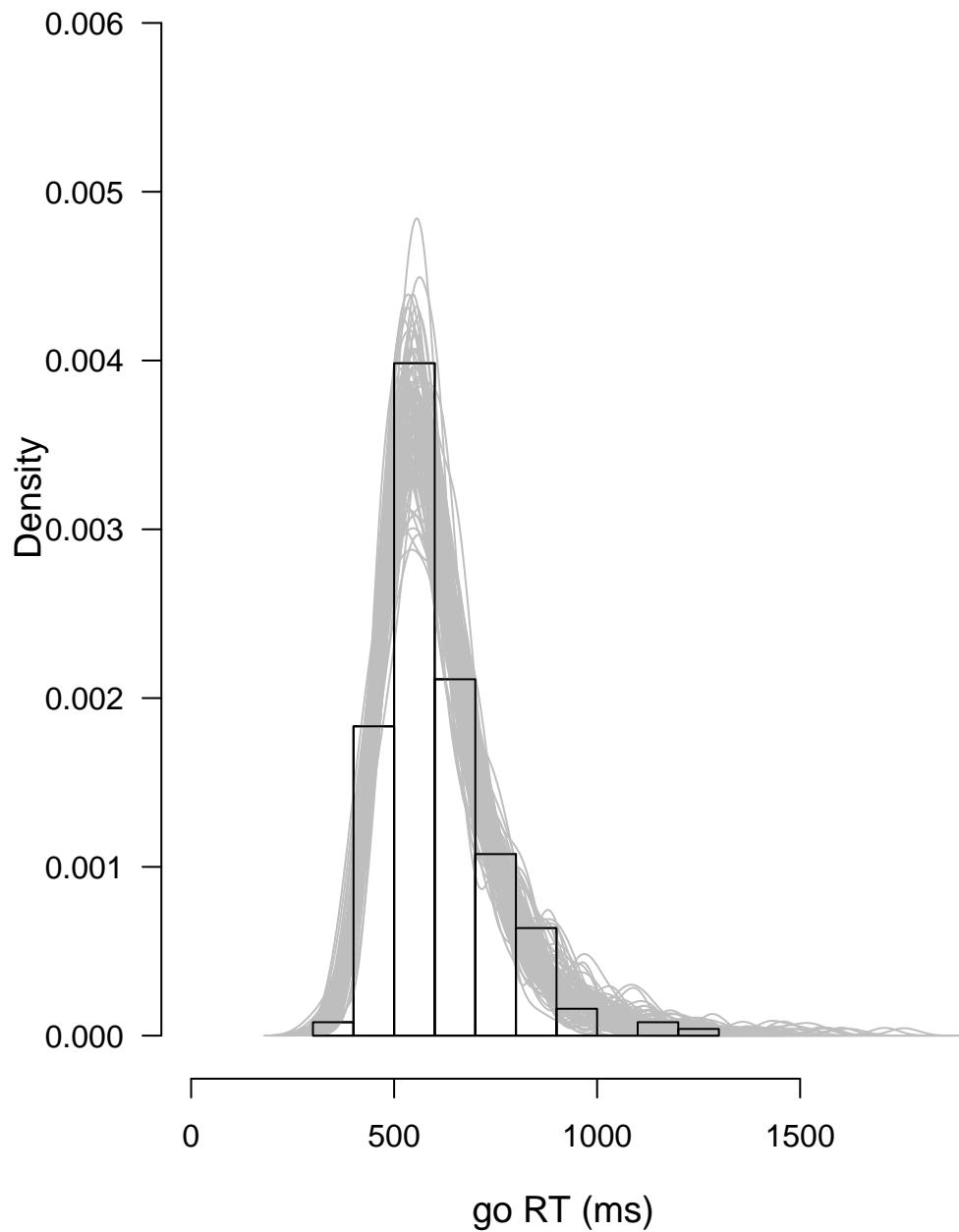


**Posterior predictive model check for SRRT distribution  
Subject 23  
at SSD = 300**



# Posterior predictive model check for go RT distribution

## Subject 24



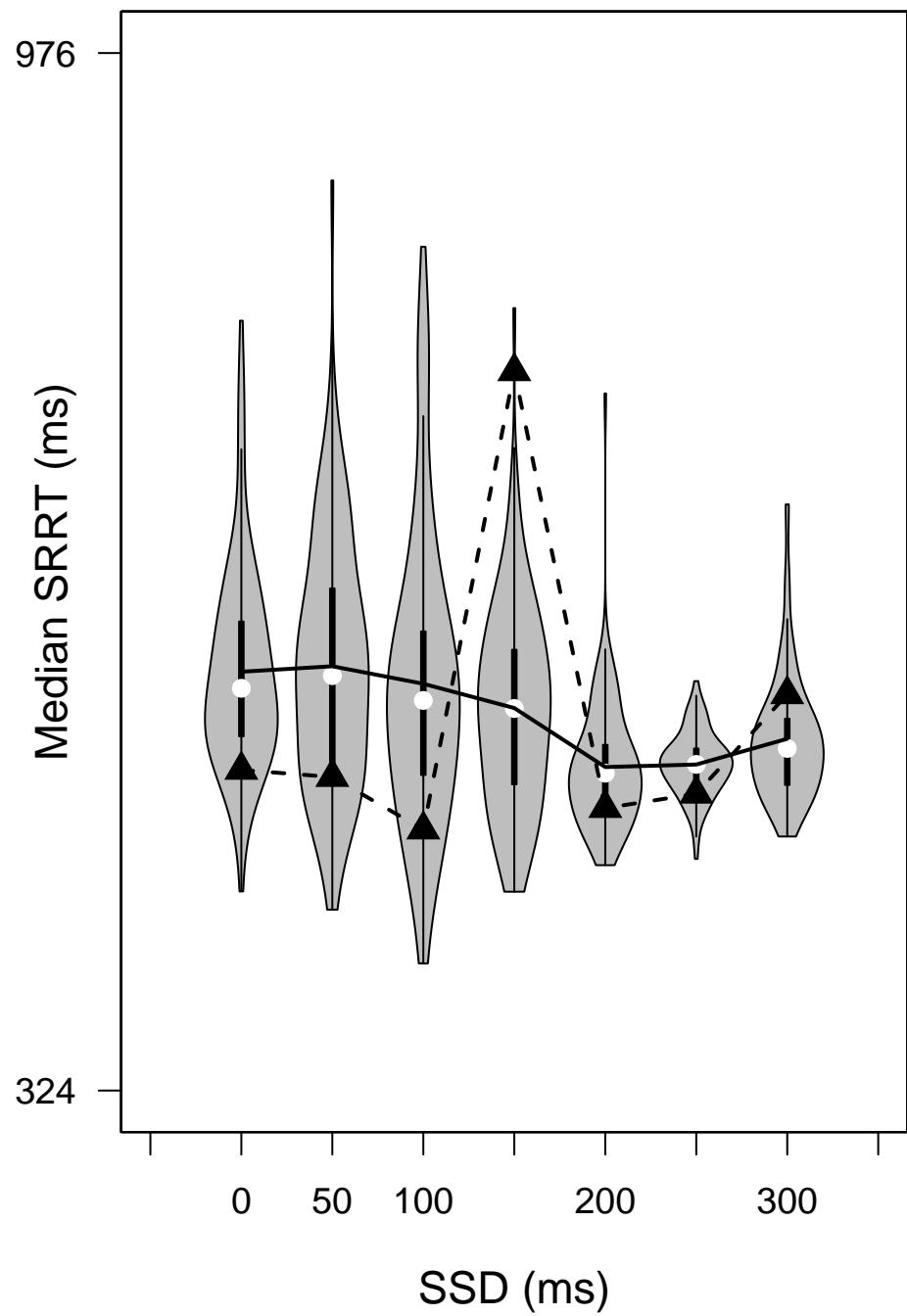
## Posterior predictive p values for median SRRT

### Subject 24

	SSD=0	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300
Number of observed SRRT	2	7	5	5	12	22	11
Observed median SRRT	525.5	521	488	776	501.5	510.5	573
Average predicted SRRT	587.18	590.63	579.62	564.37	527.29	528.89	545.05
One-sided p value	0.87	0.77	0.86	0.01	0.72	0.85	0.18
Two-sided p value	0.26	0.46	0.28	0.02	0.56	0.3	0.36

# Posterior predictive model check for median SRRT

## Subject 24



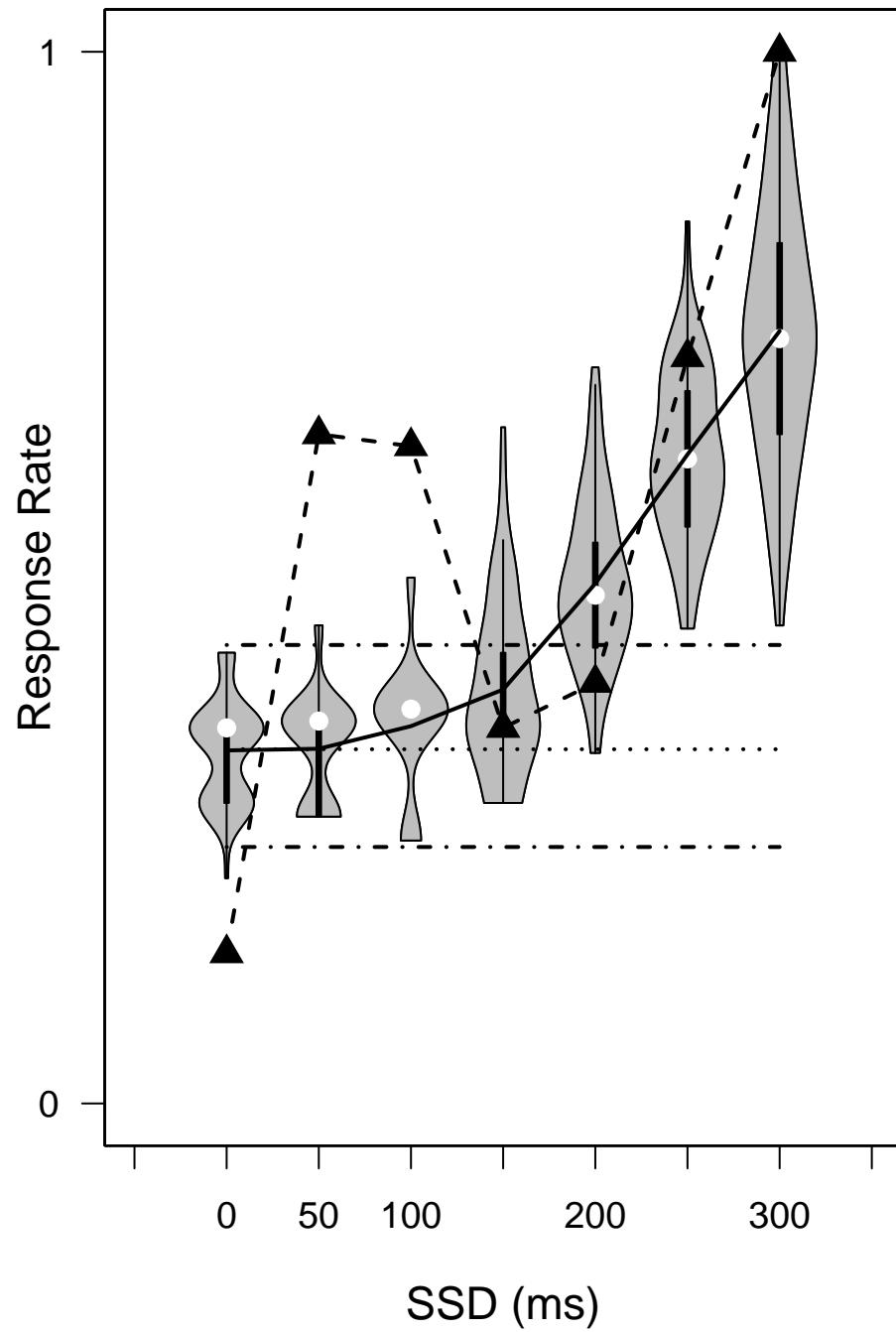
## Posterior predictive p values for inhibition function

### Subject 24

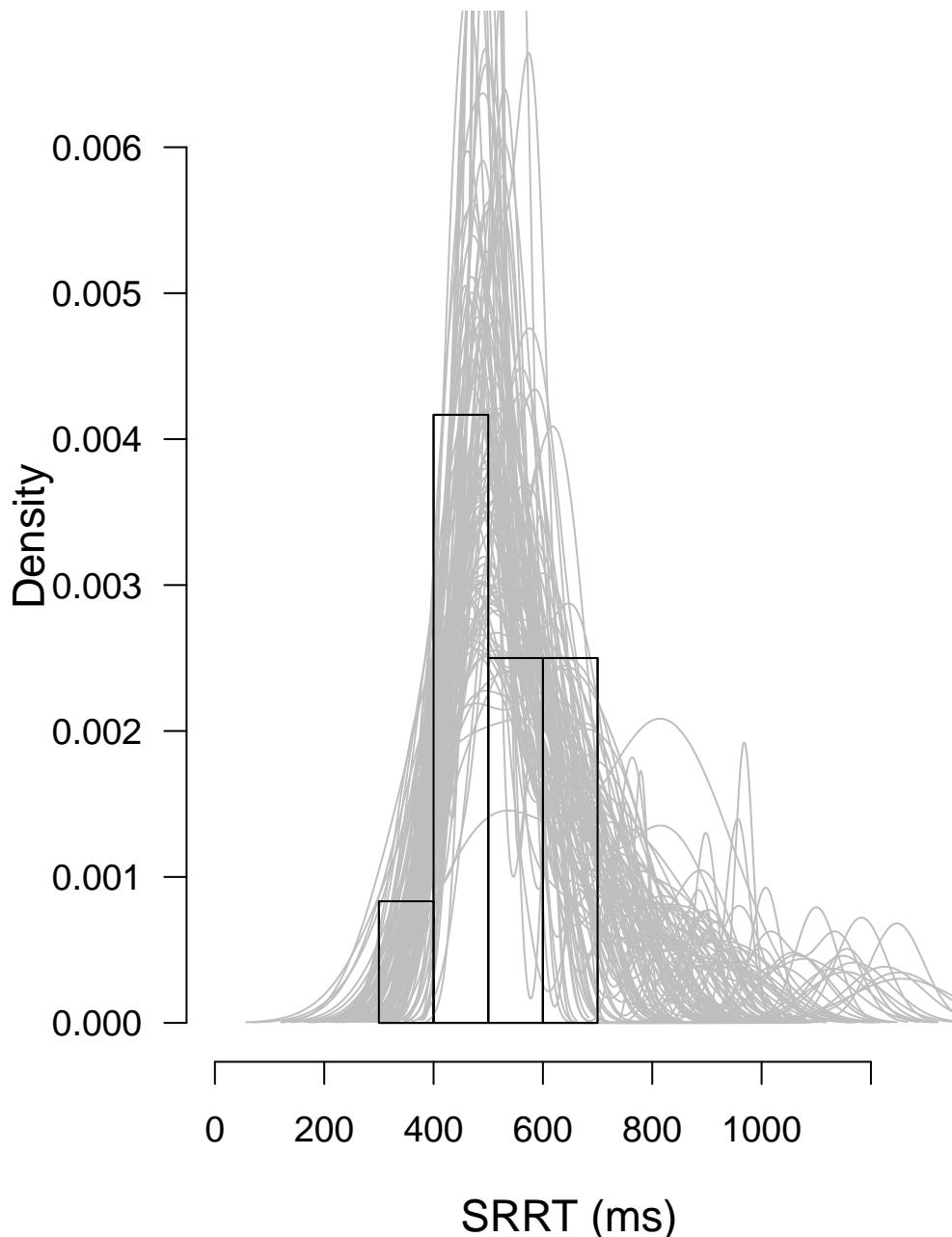
	SSD=0	SSD=50	SSD=100	SSD=150	SSD=200	SSD=250	SSD=300
Number of stop–signal trials	14	11	8	14	30	31	11
Observed response rate	0.14	0.64	0.62	0.36	0.4	0.71	1
Average predicted response rate	0.34	0.34	0.36	0.39	0.49	0.62	0.73
One–sided p value	1	0	0	0.43	0.85	0.07	0.04
Two–sided p value	0	0	0	0.86	0.3	0.14	0.08

# Posterior predictive model check for inhibition function

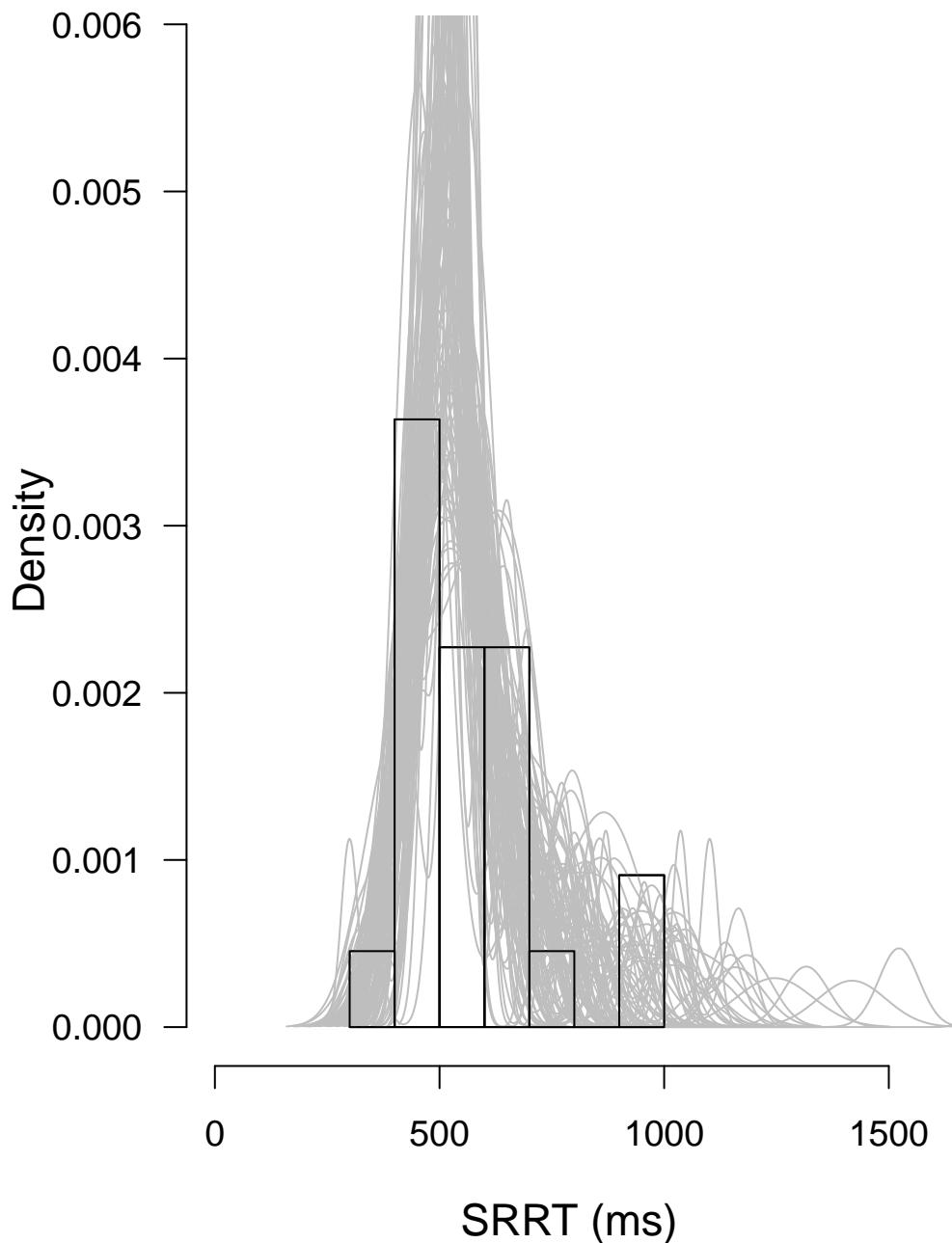
## Subject 24



**Posterior predictive model check for SRRT distribution  
Subject 24  
at SSD = 200**



**Posterior predictive model check for SRRT distribution  
Subject 24  
at SSD = 250**



**Posterior predictive model check for SRRT distribution  
Subject 24  
at SSD = 300**

