

Finkenstaedt, M. et al.: Impaired sexual delay discounting as a potential mechanism in women's compulsive sexual behavior: Evidence from a mixed-gender experiment
<https://doi.org/10.1556/2006.2025.00028>

Supplementary material

Tables S1.

Regression analyses predicting immediate protection use (0h-delay) in the full sample (n = 306)

Predictor	B	SE	β	t	p	95% CI (Lower)	95% CI (Upper)
Constant	1.015	0.090	-	11.278	<.001	0.837	1.193
CSBD-19	-0.004	0.003	-0.122	-1.876	0.955	-0.009	0.003
SSSS	-0.007	0.003	-0.138	-2.301	0.136	-0.013	0.001
BSL-23	0.000	0.001	0.017	0.297	0.396	-0.002	0.001

Model Summary: R = 0.112, R² = 0.013, Adjusted R² = 0.003, F(3, 307) = 5.648, p < .274, Durbin-Watson = 1.866

Regression analysis for predicting 0h-delay “least want sex” (full sample, n = 306)

Predictor	B	SE	β	t	p	95% CI (Lower)	95% CI (Upper)
Constant	1.008	0.089	-	11.325	<.001	0.831	1.185
CSBD-19	-0.005	0.003	-0.129	-1.994	0.006	-0.006	-0.001
SSSS	-0.006	0.003	-0.112	-1.789	0.075	-0.003	0.004
BSL-23	0.000	0.001	-0.005	-0.082	0.918	-0.001	0.001

Model Summary: R = 0.176, R² = 0.031, Adjusted R² = 0.021, F(3, 307) = 4.752, p = .022, Durbin-Watson = 1.895

Regression analysis for predicting 0h-delay “most likely STI” (full sample, n = 306)

Predictor	B	SE	β	t	p	95% CI (Lower)	95% CI (Upper)
Constant	1.002	0.087	-	11.512	<.001	0.829	1.175
CSBD-19	-0.003	0.003	-0.097	-1.474	0.022	-0.006	0.000
SSSS	-0.005	0.003	-0.088	-1.345	0.810	-0.003	0.004
BSL-23	-0.001	0.001	-0.019	-0.291	0.916	-0.001	0.001

Model Summary: R = 0.145, R² = 0.021, Adjusted R² = 0.011, F(3, 307) = 3.233, p = .089, Durbin-Watson = 2.100

Regression analysis for predicting 0h delay “least likely STI” (full sample, n = 306)

Predictor	B	SE	β	t	p	95% CI (Lower)	95% CI (Upper)
Constant	1.020	0.088	-	11.613	<.001	0.843	1.197
CSBD-19	-0.006	0.003	-0.153	-2.383	0.018	-0.007	-0.001
SSSS	-0.008	0.003	-0.142	-2.213	0.422	-0.006	0.003
BSL-23	0.000	0.001	0.015	0.263	0.606	-0.002	0.001

Model Summary: R = 0.198, R² = 0.039, Adjusted R² = 0.030, F(3, 307) = 6.093, p = .006

Tables S2.

Regression analyses predicting sexual delay discounting (AUC) in the full sample (n = 306)

Predictor	B	SE	β	t	p	95% CI (Lower)	95% CI (Upper)
Constant	1.017	0.088	-	11.539	<.001	0.844	1.191
CSBD-19	-0.005	0.003	-0.128	-1.958	0.051	-0.010	0.000
SSSS	-0.010	0.003	-0.180	-2.888	0.004	-0.017	-0.003
BSL-23	0.001	0.001	0.023	0.394	0.694	-0.002	0.003

Model Summary: R = 0.259, R² = 0.067, Adjusted R² = 0.058, F(3, 307) = 7.380, p < .001, Durbin-Watson = 1.373

Regression analysis for predicting AUC “least want sex” (full sample, n = 306)

Predictor	B	SE	β	t	p	95% CI (Lower)	95% CI (Upper)
Constant	1.006	0.088	-	11.370	<.001	0.832	1.180
CSBD-19	-0.005	0.003	-0.116	-1.751	0.081	-0.010	0.001
SSSS	-0.005	0.003	-0.093	-1.465	0.144	-0.012	0.002
BSL-23	-0.001	0.001	-0.022	-0.377	0.707	-0.003	0.002

Model Summary: R = 0.186, R² = 0.035, Adjusted R² = 0.025, F(3, 307) = 3.687, p = .012, Durbin-Watson = 1.217

Regression analysis for predicting AUC “most likely STI” (full sample, n = 306)

Predictor	B	SE	β	t	p	95% CI (Lower)	95% CI (Upper)
Constant	1.011	0.086	-	11.757	<.001	0.842	1.181
CSBD-19	-0.004	0.003	-0.100	-1.499	0.135	-0.009	0.001
SSSS	-0.006	0.003	-0.112	-1.771	0.077	-0.013	0.001
BSL-23	0.000	0.001	0.003	0.047	0.962	-0.003	0.003

Model Summary: R = 0.180, R² = 0.033, Adjusted R² = 0.023, F(3, 307) = 3.443, p = .017, Durbin-Watson = 1.300

Regression analysis for predicting AUC “least likely STI” (full sample, n = 306)

Predictor	B	SE	β	t	p	95% CI (Lower)	95% CI (Upper)
Constant	1.048	0.088	-	11.917	<.001	0.875	1.221
CSBD-19	-0.006	0.003	-0.152	-2.326	0.021	-0.011	-0.001
SSSS	-0.009	0.003	-0.156	-2.502	0.013	-0.015	-0.002
BSL-23	0.000	0.001	0.018	0.317	0.752	-0.002	0.003

Model Summary: R = 0.258, R² = 0.067, Adjusted R² = 0.058, F(3, 307) = 7.325, p < .001, Durbin-Watson = 1.416

Tables S3.

Regression analyses predicting immediate protection use (0h-delay) in women (n = 221)

Predictor	B	SE	β	t	p	95% CI (LL, UL)
Constant	0.974	0.060	—	16.310	<.001	(0.857, 1.092)
CSBD-19	-0.001	0.002	-0.028	-0.335	.738	(-0.005, 0.003)
SSSS	-0.001	0.003	-0.045	-0.570	.569	(-0.006, 0.004)
BSL-23	-0.001	0.001	-0.095	-1.312	.191	(-0.003, 0.001)

Model Summary: R = 0.130, R² = .017, Adjusted R² = .003, F(3, 217) = 1.247, p = .294, Durbin-Watson = 1.654

Regression analysis for predicting 0h-delay “least want sex” (women, n = 221)

Predictor	B	SE	β	t	p	95% CI (LL, UL)
Constant	1.036	0.056	—	18.566	<.001	(0.926, 1.146)
CSBD-19 total	-0.005	0.002	-0.234	-2.886	.004	(-0.009, -0.002)
SSSS	0.001	0.002	0.036	0.466	.641	(-0.004, 0.006)
BSL-23	0.001	0.001	0.044	0.614	.540	(-0.001, 0.002)

Model Summary: R = 0.206, R² = .043, Adjusted R² = .029, F(3, 217) = 3.214, p = .024, Durbin-Watson = 1.893

Regression analysis for predicting 0h-delay “most likely STI” (women, n = 221)

Predictor	B	SE	β	t	p	95% CI (LL, UL)
Constant	1.024	0.056	—	18.310	<.001	(0.914, 1.134)
CSBD-19	-0.004	0.002	-0.190	-2.320	.021	(-0.008, -0.001)
SSSS	0.001	0.002	0.023	0.298	.766	(-0.004, 0.005)
BSL-23	0.001	0.001	0.041	0.563	.574	(-0.001, 0.002)

Model Summary: R = 0.168, R² = .028, Adjusted R² = .015, F(3, 217) = 2.112, p = .100, Durbin-Watson = 2.105

Regression analysis for predicting 0h delay “least likely STI” (women, n = 221)

Predictor	B	SE	β	t	p	95% CI (LL, UL)
Constant	1.038	0.062	—	16.611	<.001	(0.915, 1.161)
CSBD-19	-0.005	0.002	-0.197	-2.418	.016	(-0.009, -0.001)
SSSS	0.000	0.003	0.003	0.040	.968	(-0.005, 0.005)
BSL-23	0.000	0.001	0.001	0.013	.990	(-0.002, 0.002)

Model Summary: R = 0.195, R² = .038, Adjusted R² = .025, F(3, 217) = 2.858, p = .038, Durbin-Watson = 2.036

Tables S4.

Regression analyses predicting sexual delay discounting (AUC) in women (n = 221)

Predictor	B	SE	β	t	p	95% CI (Lower)	95% CI (Upper)
Constant	1.041	0.102	-	10.233	<.001	0.841	1.242
CSBD-19	-0.007	0.003	-0.168	-2.101	0.037	-0.014	0.000
SSSS	-0.008	0.004	-0.136	-1.785	0.076	-0.016	0.001
BSL-23	0.000	0.002	0.014	0.196	0.845	-0.003	0.004

Model Summary: R = 0.260, R² = 0.068, Adjusted R² = 0.055, F(3, 217) = 5.263, p = .002, Durbin-Watson = 1.327

Regression analysis for predicting AUC “least want sex” (women, n = 221)

Predictor	B	SE	β	t	p	95% CI (Lower)	95% CI (Upper)
Constant	0.973	0.103	-	9.414	<.001	0.769	1.177
CSBD-19	-0.005	0.003	-0.116	-1.412	0.159	-0.011	0.002
SSSS	-0.003	0.004	-0.057	-0.726	0.469	-0.012	0.005
BSL-23	0.000	0.002	-0.018	-0.244	0.808	-0.004	0.003

Model Summary: R = 0.160, R² = 0.026, Adjusted R² = 0.012, F(3, 217) = 1.896, p = .131, Durbin-Watson = 1.218

Regression analysis for predicting AUC “most likely STI” (women, n = 221)

Predictor	B	SE	β	t	p	95% CI (Lower)	95% CI (Upper)
Constant	0.988	0.100	-	9.858	<.001	0.790	1.185
CSBD-19	-0.004	0.003	-0.094	-1.146	0.253	-0.010	0.003
SSSS	-0.004	0.004	-0.080	-1.030	0.304	-0.013	0.004
BSL-23	0.000	0.002	-0.021	-0.297	0.767	-0.004	0.003

Model Summary: R = 0.160, R² = 0.026, Adjusted R² = 0.012, F(3, 217) = 1.907, p = .129, Durbin-Watson = 1.190

Regression analysis for predicting AUC “least likely STI” (women, n = 221)

Predictor	B	SE	β	t	p	95% CI (Lower)	95% CI (Upper)
Constant	1.035	0.101	-	10.199	<.001	0.835	1.235
CSBD-19	-0.009	0.003	-0.210	-2.609	0.010	-0.015	-0.002
SSSS	-0.004	0.004	-0.073	-0.958	0.339	-0.012	0.004
BSL-23	0.000	0.002	0.006	0.086	0.932	-0.003	0.003

Model Summary: R = 0.253, R² = 0.064, Adjusted R² = 0.051, F(3, 217) = 4.927, p = .002, Durbin-Watson = 1.402

Tables S5.

Regression analyses predicting immediate protection use (0h-delay) in men (n = 85)

Predictor	B	SE	β	t	p	95% CI (LL, UL)
Constant	0.906	0.127	—	7.122	<.001	(0.653, 1.159)
CSBD-19	0.002	0.003	0.101	0.817	.416	(-0.004, 0.009)
SSSS	-0.005	0.004	-0.132	-1.136	.259	(-0.012, 0.003)
BSL-23	0.000	0.002	0.008	0.070	.944	(-0.004, 0.004)

Model Summary: $R = .146$, $R^2 = .021$, Adjusted $R^2 = -.015$, $F(3, 81) = 0.584$, $p = .627$,
Durbin-Watson = 2.037

Regression analysis for predicting 0h-delay “least want sex” (men, n = 85)

Predictor	B	SE	β	t	p	95% CI (LL, UL)
Constant	1.033	0.077	—	13.414	<.001	(0.880, 1.186)
CSBD-19	-0.002	0.002	-0.127	-1.027	.307	(-0.006, 0.002)
SSSS	-0.001	0.002	-0.039	-0.339	.735	(-0.006, 0.004)
BSL-23	-0.001	0.001	-0.067	-0.565	.574	(-0.003, 0.002)

Model Summary: $R = .175$, $R^2 = .031$, Adjusted $R^2 = -.005$, $F(3, 81) = 0.858$, $p = .467$,
Durbin-Watson = 2.172

Regression analysis for predicting 0h-delay “most likely STI” (men, n = 85)

Predictor	B	SE	β	t	p	95% CI (LL, UL)
Constant	1.016	0.083	—	12.280	<.001	(0.851, 1.180)
CSBD-19 total sum	-0.002	0.002	-0.106	-0.856	.394	(-0.006, 0.002)
SSSS total sum	0.000	0.003	-0.016	-0.137	.892	(-0.006, 0.005)
BSL-23 sum	-0.001	0.001	-0.060	-0.504	.616	(-0.003, 0.002)

Model Summary: $R = .144$, $R^2 = .021$, Adjusted $R^2 = -.016$, $F(3, 81) = 0.570$, $p = .636$

Regression analysis for predicting 0h delay “least likely STI” (men, n = 85)

Predictor	B	SE	β	t	p	95% CI (LL, UL)
Constant	0.970	0.149	—	6.494	<.001	(0.673, 1.267)
CSBD-19 total sum	0.001	0.004	0.048	0.394	.694	(-0.006, 0.009)
SSSS total sum	-0.005	0.005	-0.133	-1.165	.248	(-0.015, 0.004)
BSL-23 sum	-0.004	0.002	-0.195	-1.651	.103	(-0.008, 0.001)

Model Summary: $R = .212$, $R^2 = .045$, Adjusted $R^2 = .010$, $F(3, 81) = 1.274$, $p = .289$
Durbin-Watson = 1.945

Tables S6.

Regression analyses predicting sexual delay discounting (AUC) in men (n = 85)

Predictor	B	SE	β	t	p	95% CI (Lower)	95% CI (Upper)
Constant	1.020	0.115	-	8.870	<.001	0.790	1.250
CSBD-19	-0.003	0.004	-0.095	-0.767	0.339	-0.011	0.005
SSSS	-0.009	0.005	-0.145	-1.540	0.068	-0.021	0.002
BSL-23	0.002	0.002	0.080	0.693	0.604	-0.003	0.007

Model Summary: R = 0.206, R² = 0.042, Adjusted R² = 0.007, F(3, 87) = 1.223, p = .305, Durbin-Watson = 2.114

Regression analysis for predicting AUC “least want sex” (men, n = 85)

Predictor	B	SE	β	t	p	95% CI (Lower)	95% CI (Upper)
Constant	1.002	0.118	-	8.492	<.001	0.765	1.239
CSBD-19	-0.004	0.004	-0.098	-0.782	0.922	-0.012	0.005
SSSS	-0.006	0.005	-0.102	-1.080	0.178	-0.017	0.005
BSL-23	0.001	0.002	0.048	0.424	0.374	-0.004	0.006

Model Summary: R = 0.190, R² = 0.036, Adjusted R² = 0.000, F(3, 87) = 0.682, p = .393, Durbin-Watson = 1.649

Regression analysis for predicting AUC “most likely STI” (men, n = 85)

Predictor	B	SE	β	t	p	95% CI (Lower)	95% CI (Upper)
Constant	1.010	0.116	-	8.707	<.001	0.779	1.241
CSBD-19	-0.002	0.004	-0.057	-0.460	0.704	-0.010	0.006
SSSS	-0.007	0.005	-0.117	-1.250	0.189	-0.018	0.004
BSL-23	0.000	0.002	0.015	0.139	0.984	-0.005	0.005

Model Summary: R = 0.172, R² = 0.029, Adjusted R² = -0.006, F(3, 87) = 0.740, p = .487, Durbin-Watson = 1.796

Regression analysis for predicting AUC “least likely STI” (men, n = 85)

Predictor	B	SE	β	t	p	95% CI (Lower)	95% CI (Upper)
Constant	1.030	0.117	-	8.803	<.001	0.796	1.264
CSBD-19	-0.005	0.004	-0.124	-1.001	0.442	-0.013	0.004
SSSS	-0.008	0.005	-0.138	-1.458	0.021	-0.019	0.003
BSL-23	0.000	0.002	0.032	0.286	0.582	-0.005	0.006

Model Summary: R = 0.254, R² = 0.065, Adjusted R² = 0.030, F(3, 87) = 0.969, p = .412, Durbin-Watson = 2.023

Note. *CSBD-19*: Compulsive Sexual Behavior Disorder Scale-19; *SSSS*: Sexual Sensation Seeking Scale; *BSL-23*: Borderline Symptom List-23; *AUC*: Area Under the Curve; *STI*: Sexually Transmitted Infection.