A total of 213 task sessions were initially recorded. After removing empty or practice blocks, 200 sessions remained.

No sessions were excluded due to the use of a task version different from the ANTI_Vea.

No trials were removed due to exceeeding the 6 (number of blocks administered) * 80 (number of trials per block) = 480 trials that are supposed to be performed per session. This would be the case of extra trials (sessions in which the participant performed a number of blocks greater than the 6 blocks that she/he was supossed to select) or duplicated sessions (coding issues).

No sessions were removed due to being identified as probably corrupted. This would be the case of sessions with no response registered in more than 5% of the trials (Corrupt_Response) or extremely fast mean RT (< 200 ms) in at least one trial type (Corrupt_RT).

Before optional filters being applied, there were a total of 200 ANTI_Vea sessions conducted by 198 participants. Note that the number of participants has been determined accoding to the Subject_ID, which is a number automatically assigned by the system (in old records, 'Subject_ID' may reflect the access cookies).
Below is the distribution of sessions as a function of:

Number of blocks completed

Blocks_Completed	n
0	5
1	4
2	13
3	10
4	13
5	15
6	140

Size of the screen during the task

Screen	n
Full	133
Minimized	67

(Note that even if the participant minimized the task window momentarily and then returned to full screen, the task will be classified as 'Minimized'.)

Validity of the performance

Validity_Performance	n
Invalid	17
Valid	183

The following options of filtering have been selected by the user:
Minimum blocks completed: 6
Screen: Any
Validity Performance: Valid

After applying the above filters, there were a total of 133 conducted by 132 participants. The distribution of the number of sessions as a function of the number of participants is the following:

Sessions	Participants
1	131
2	1

As the user has selected 'Keep' extra sessions of the same participant, the final number of sessions and participant remained the same.

Therefore, the final sample consists of 132 participants, 133 sessions, and 63840 trials. Note that in the ANTI trials, RT analyses excluded trials with incorrect responses (5.85%) and those with RT below 200 or above 1500 ms (1.78%).

The main statistics of the ANTI_Vea Core Indexes and manipulations of the task are described below. Statistical tests are one-sample t-test of the core index obtained from the task conditions. Note that the vigilance slopes are obtained from all the blocks of the task

ANTI Overall RT

Mean_RT_Overall
643.16

ANTI Overall Errors

Percentage_Errors_Overall
5.85

Alerting RT

No_Tone_RT	Tone_RT	Alerting_RT	t	df	p	CI_lower	CI_upper
662.916	621.352	41.564	15.318	132	< .001	36.197	46.932

Alerting Errors

No_Tone_Errors	Tone_Errors	Alerting_Errors	t	df	p	CI_lower	CI_upper
6.955	4.245	2.71	5.758	132	< .001	1.779	3.641

Orienting RT

Invalid_RT	Valid_RT	Orienting_RT	t	df	p	CI_lower	CI_upper
666.033	621.95	44.083	22.719	132	< .001	40.245	47.921

Orienting Errors

Invalid_Errors	Valid_Errors	Orienting_Errors	t	df	p	CI_lower	CI_upper
6.297	5.663	0.634	1.893	132	0.061	-0.029	1.297

Congruency RT

Incongruent_RT	Congruent_RT	Congruency_RT	t	df	p	CI_lower	CI_upper
664.63	621.974	42.656	16.906	132	< .001	37.665	47.647

Congruency Errors

Incongruent_Errors	Congruent_Errors	Congruency_Errors	t	df	p	CI_lower	CI_upper
5.984	5.723	0.261	0.872	132	0.385	-0.331	0.853

EV Hits

EV_Hits
76.1

EV Hits Slope

EV_Hits_Block_1	EV_Hits_Block_6	EV_Hits_Slope	t	df	p	CI_lower	CI_upper
81.203	72.509	-1.617	-5.146	132	< .001	-2.238	-0.995

EV False Alarms

EV_FAs
6.24

EV False Alarms Slope

EV_FAs_Block_1	EV_FAs_Block_6	EV_FAs_Slope	t	df	p	CI_lower	CI_upper
6.916	5.13	-0.417	-2.78	132	0.006	-0.714	-0.12

AV Mean RT

AV_Mean.RT
518.29

AV Mean RT Slope

AV_Mean_RT_Block_1	AV_Mean_RT_Block_6	AV_Mean_RT_Slope	t	df	p	CI_lower	CI_upper
507.496	535.042	5.086	4.677	132	< .001	2.935	7.237

AV SD RT

AV_SD.RT
89.01

AV SD RT Slope

AV_SD_RT_Block_1	AV_SD_RT_Block_6	AV_SD_RT_Slope	t	df	p	CI_lower	CI_upper
64.06	96.023	6.791	6.957	132	< .001	4.86	8.722

AV Lapses

AV_Lapses
14.95

AV Lapses Slope

AV_Lapses_Block_1	AV_Lapses_Block_6	AV_Lapses_Slope	t	df	p	CI_lower	CI_upper
10.526	20.818	1.736	6.118	132	< .001	1.175	2.297