

# **Exploración visual de datos individuales**

*Estudios en Detección de Señales - Tesis de Licenciatura*

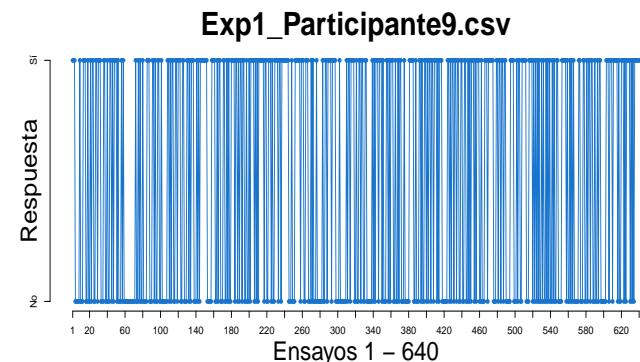
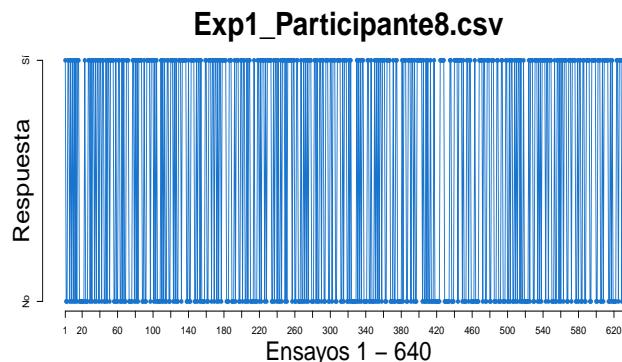
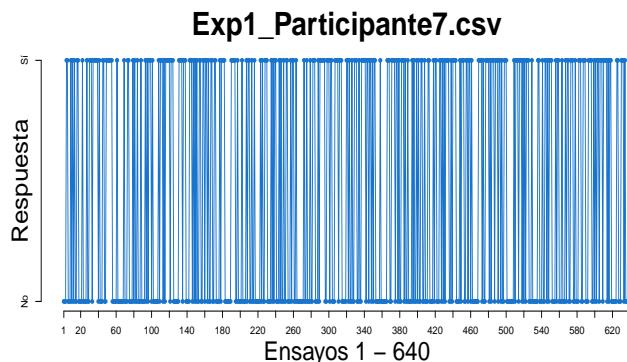
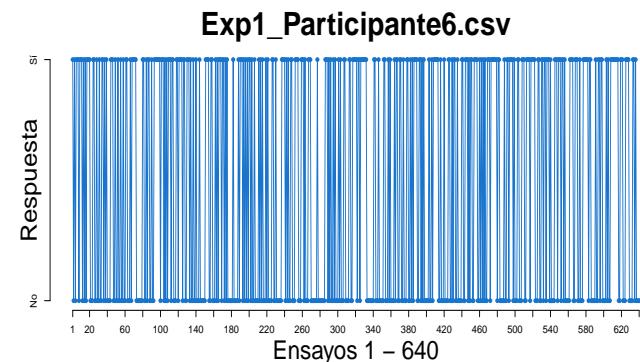
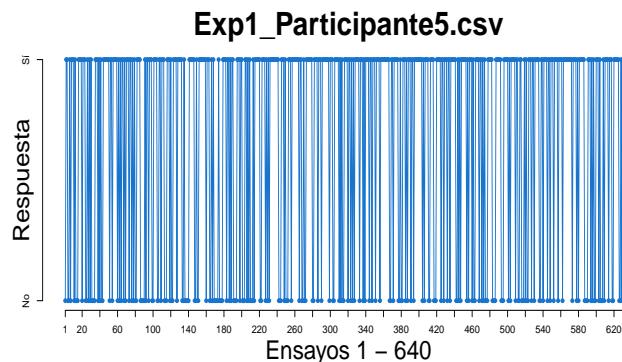
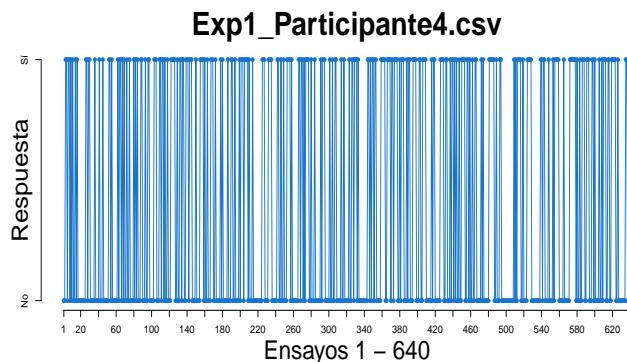
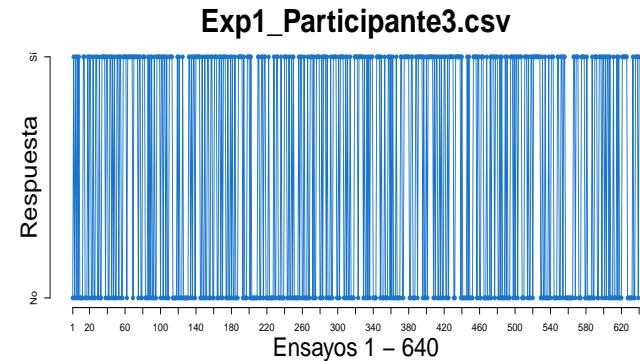
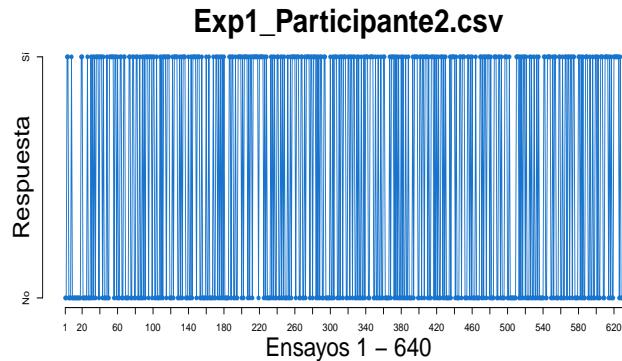
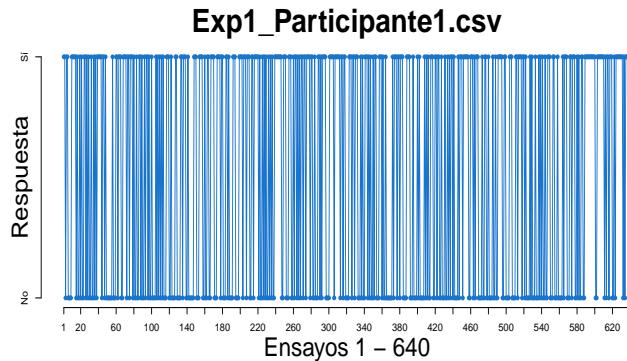
*Adriana F. Chávez De la Peña*

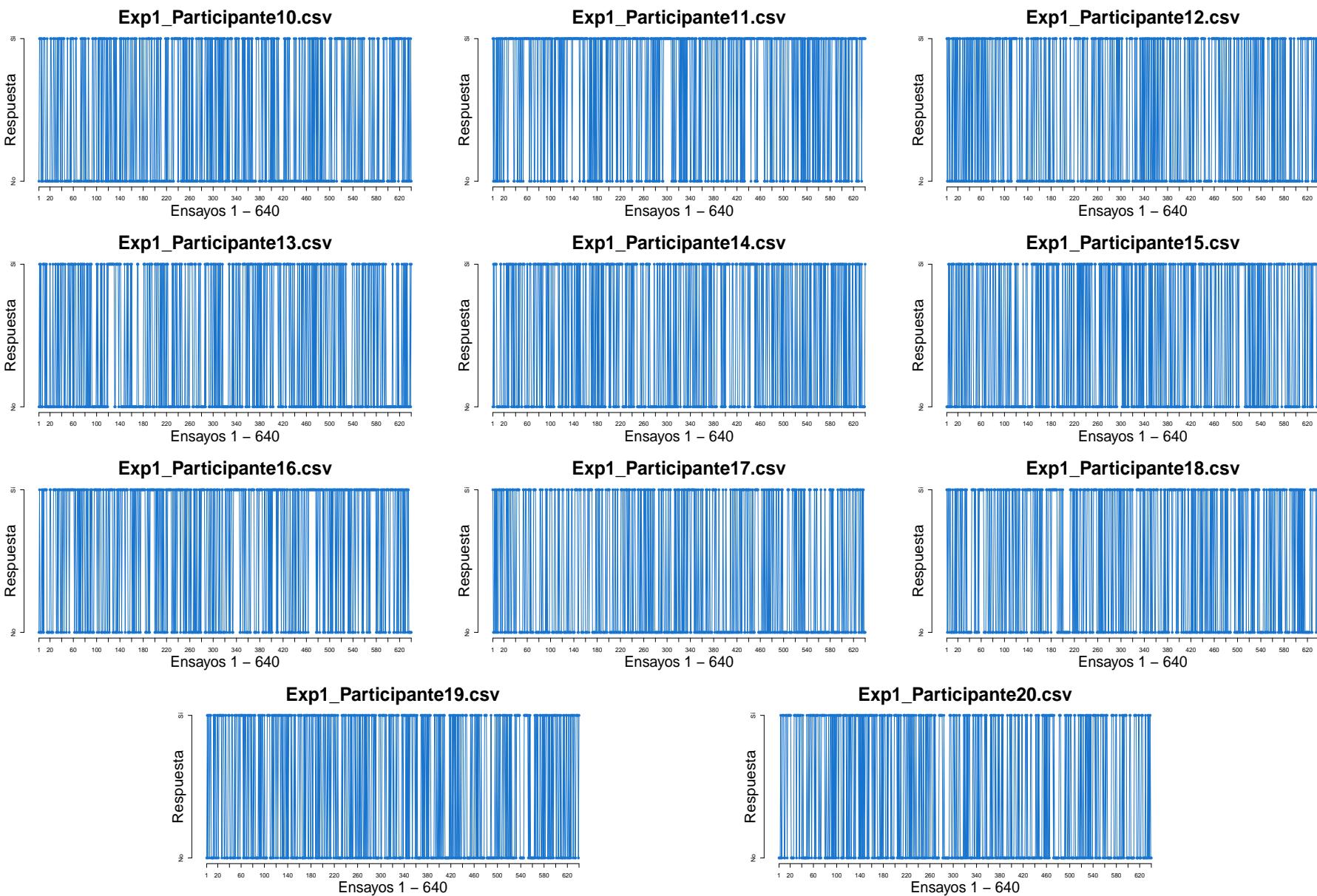
*adrifelcha@gmail.com*

# Respuestas a la tarea 'Sí/No' registradas en cada ensayo

(PARA COMPROBAR QUE TODAS LAS OPCIONES DE RESPUESTA SE HAYAN UTILIZADO)

## *Experimento 1*



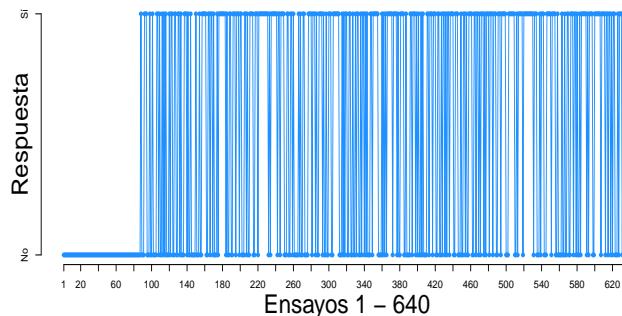


# Respuestas a la tarea 'Sí/No' registradas en cada ensayo

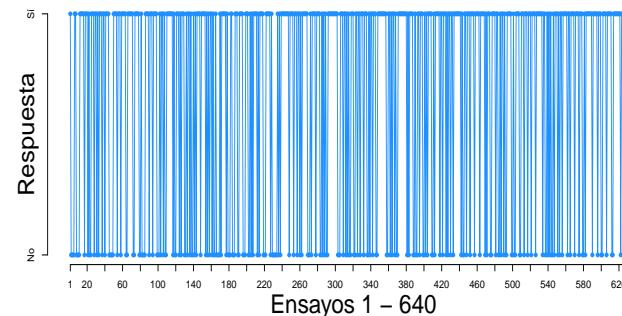
(PARA COMPROBAR QUE TODAS LAS OPCIONES DE RESPUESTA SE HAYAN UTILIZADO)

## *Experimento 2*

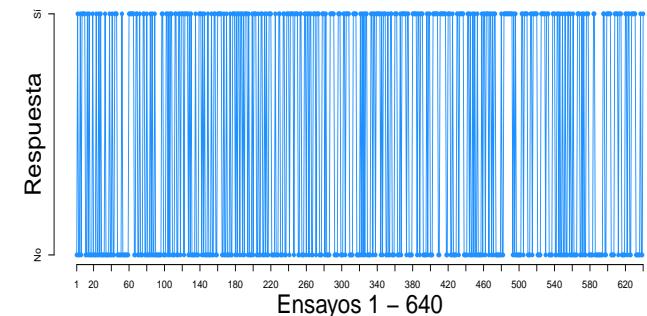
**Exp2\_Participante1.csv**



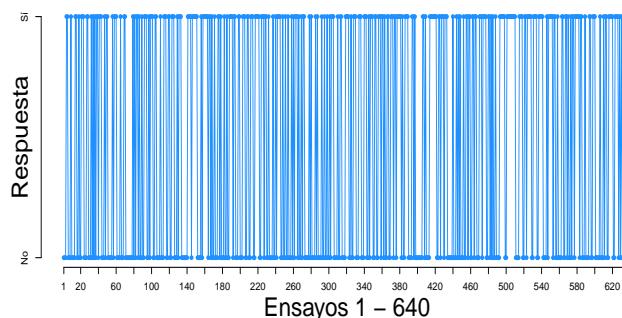
**Exp2\_Participante2.csv**



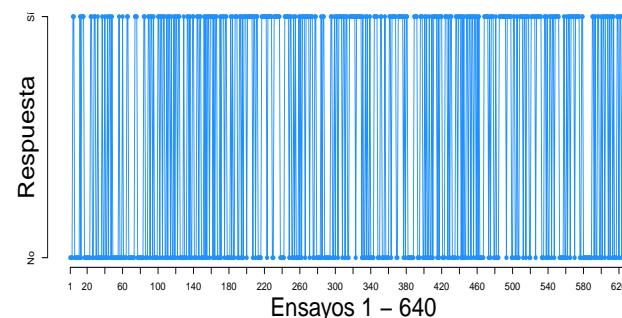
**Exp2\_Participante3.csv**



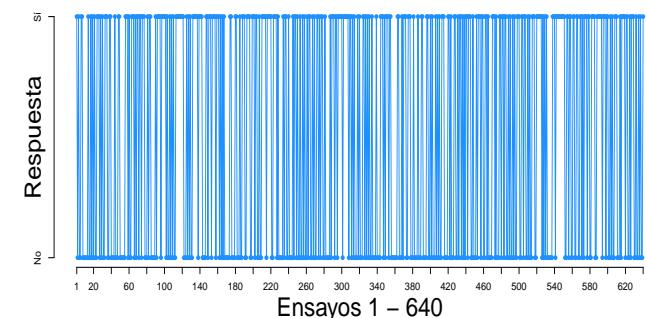
**Exp2\_Participante4.csv**



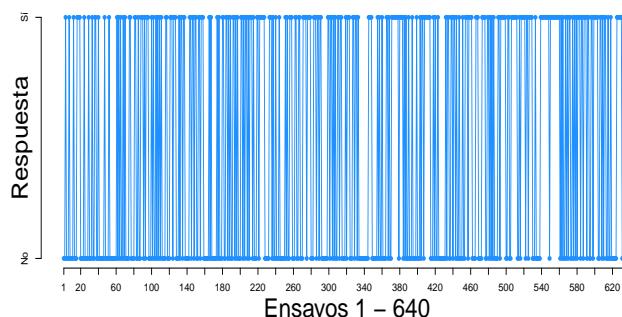
**Exp2\_Participante5.csv**



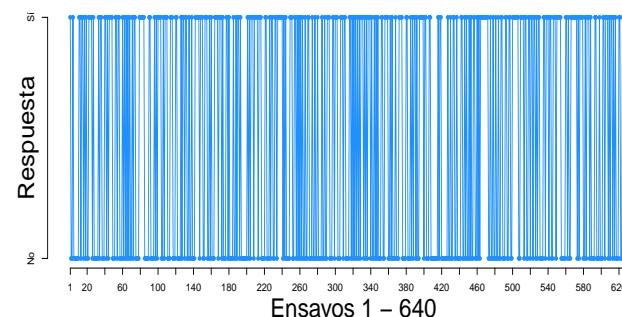
**Exp2\_Participante6.csv**



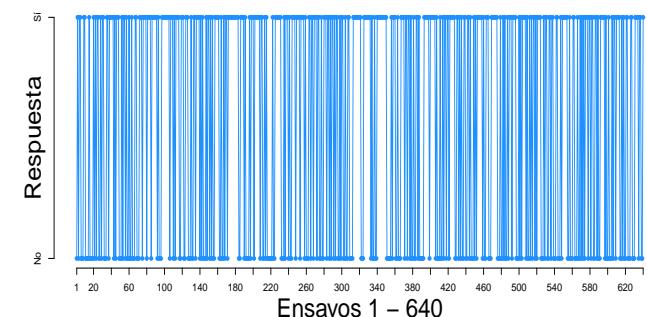
**Exp2\_Participante7.csv**

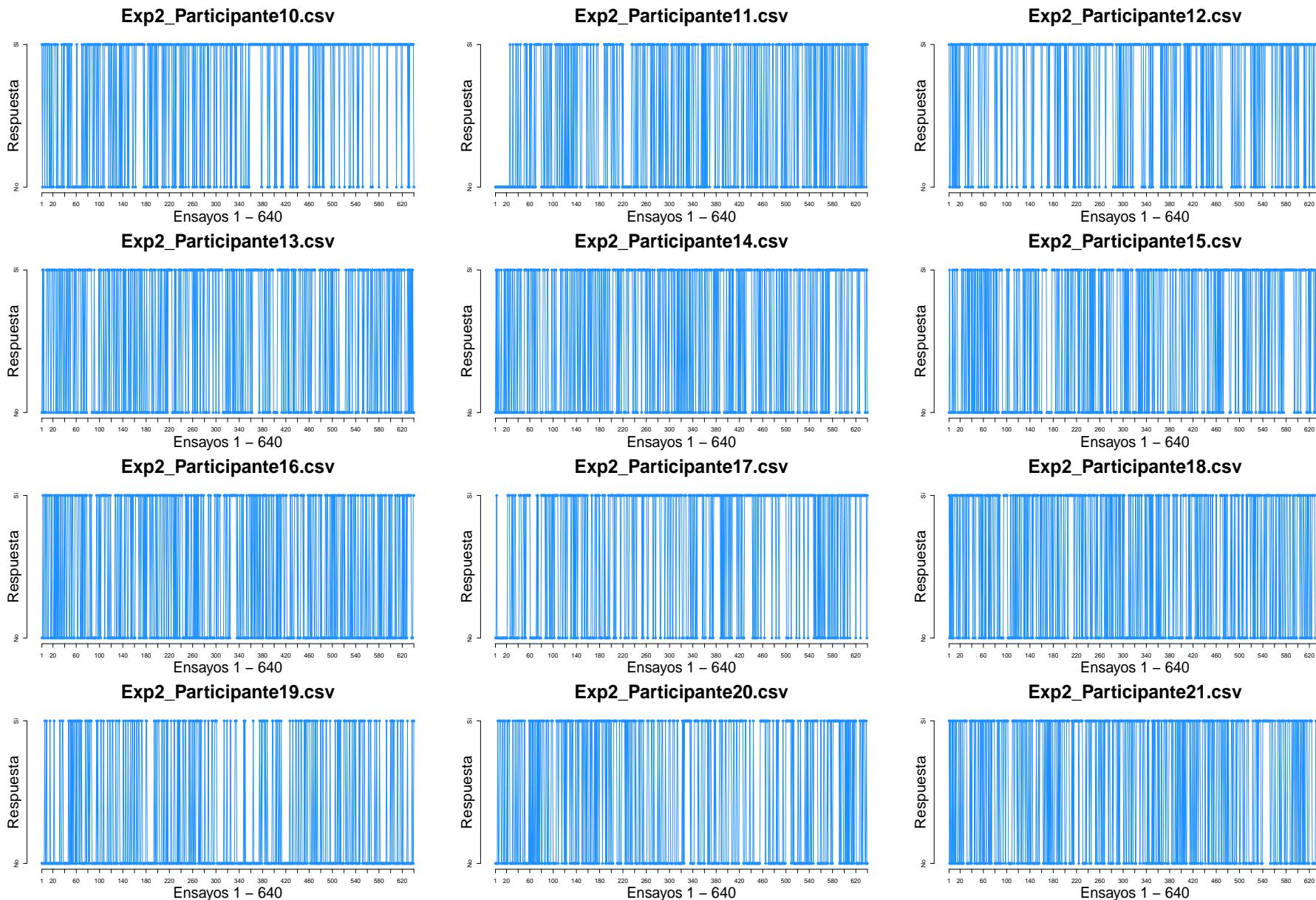


**Exp2\_Participante8.csv**



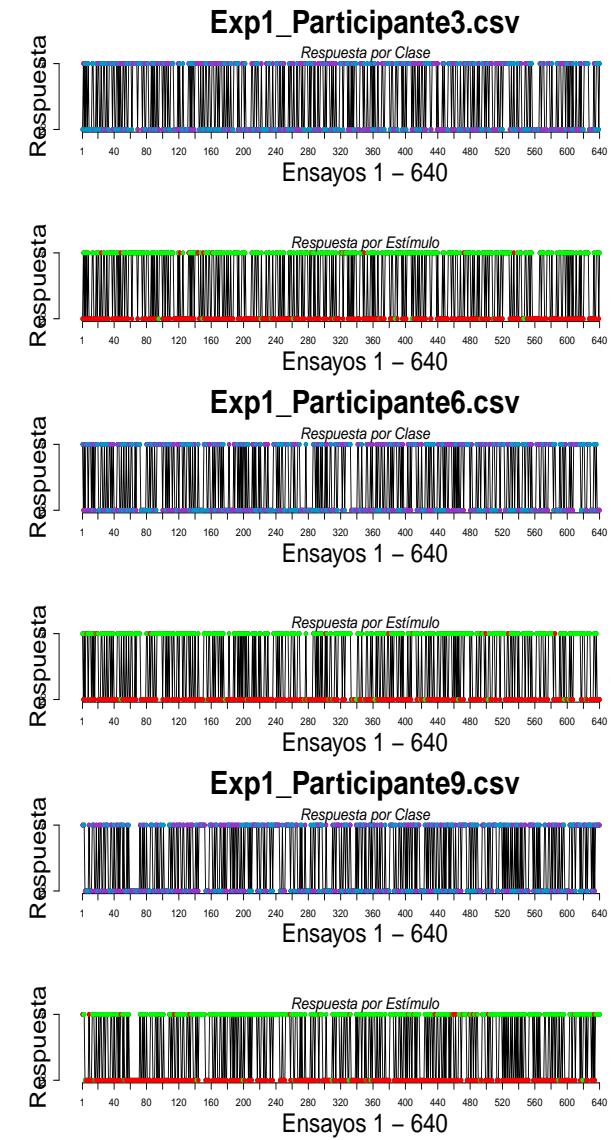
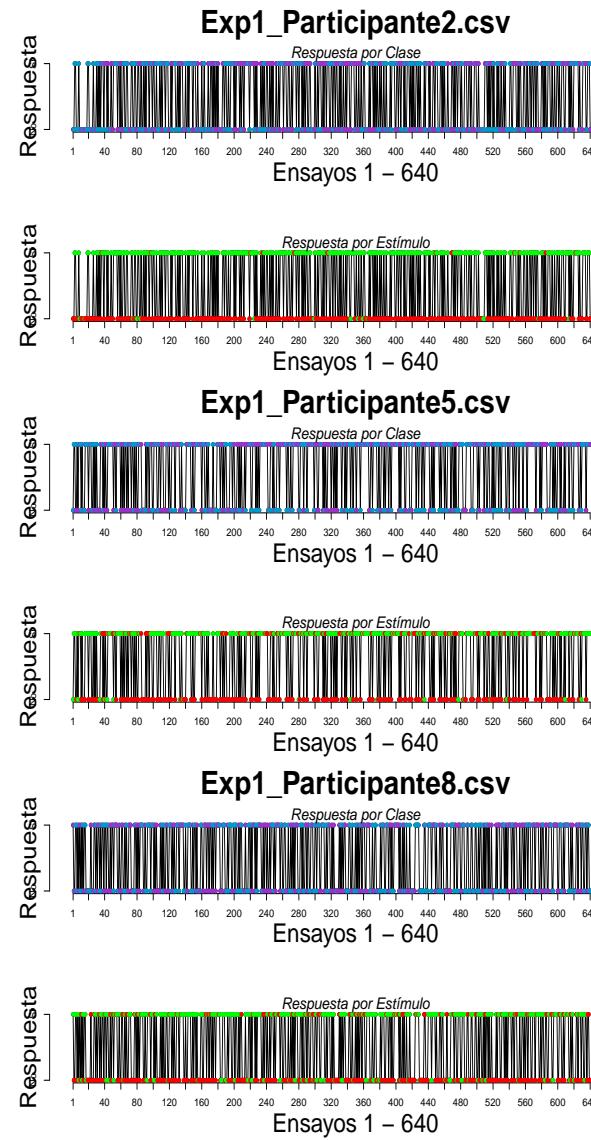
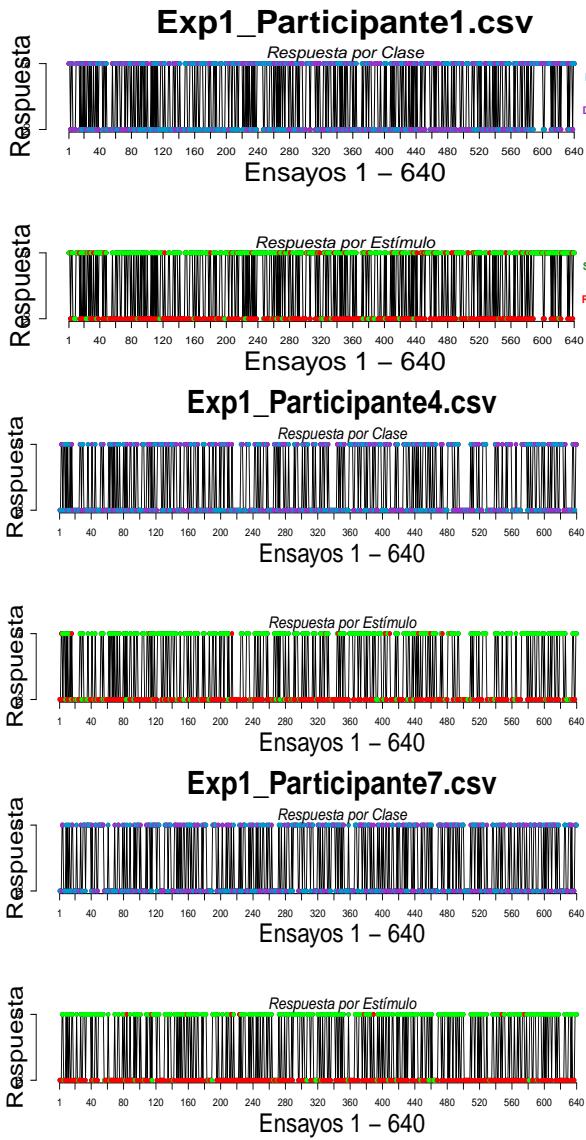
**Exp2\_Participante9.csv**

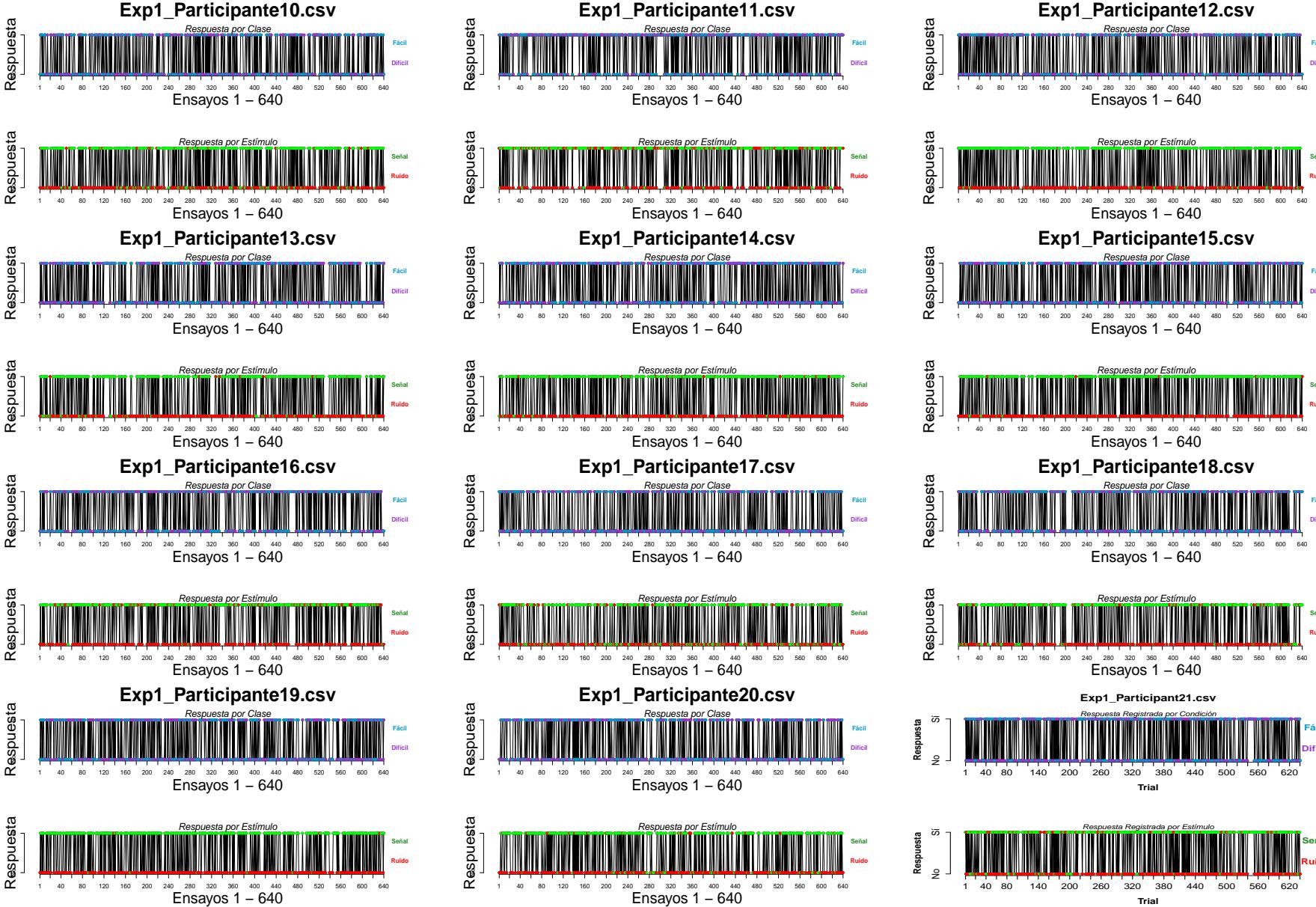




# Correlación entre la Respuesta binaria registrada y el tipo de ensayo (EVALUANDO SESGOS EVIDENTES)

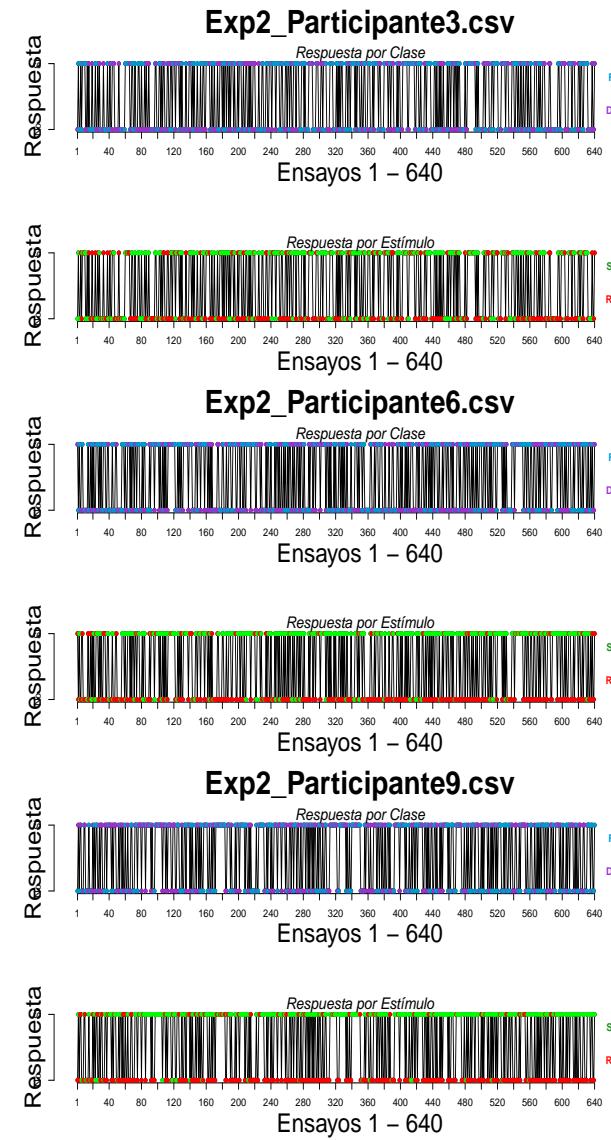
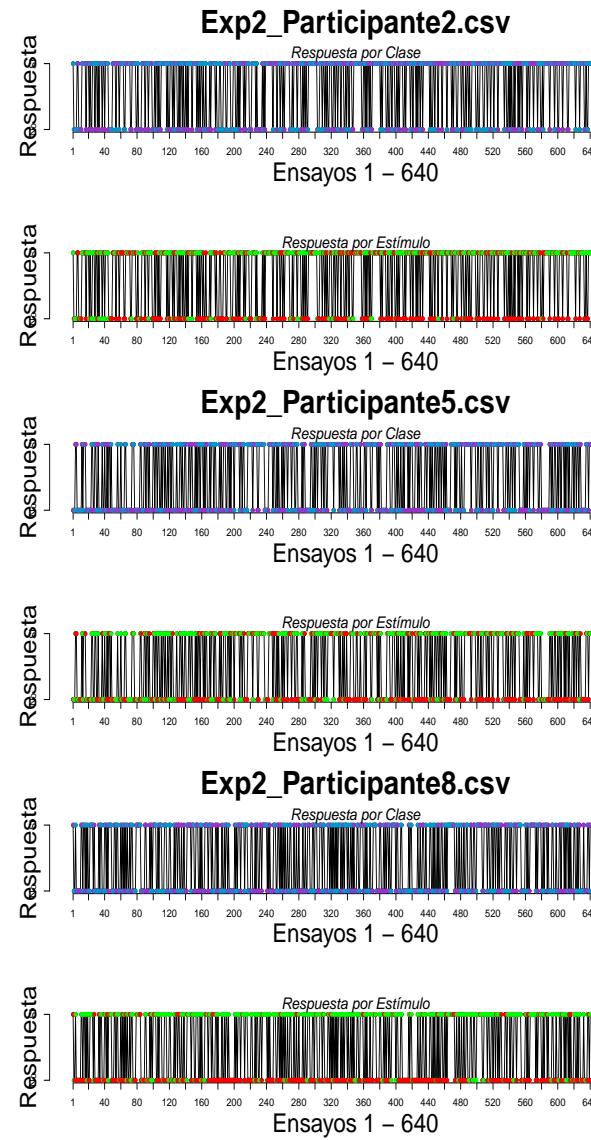
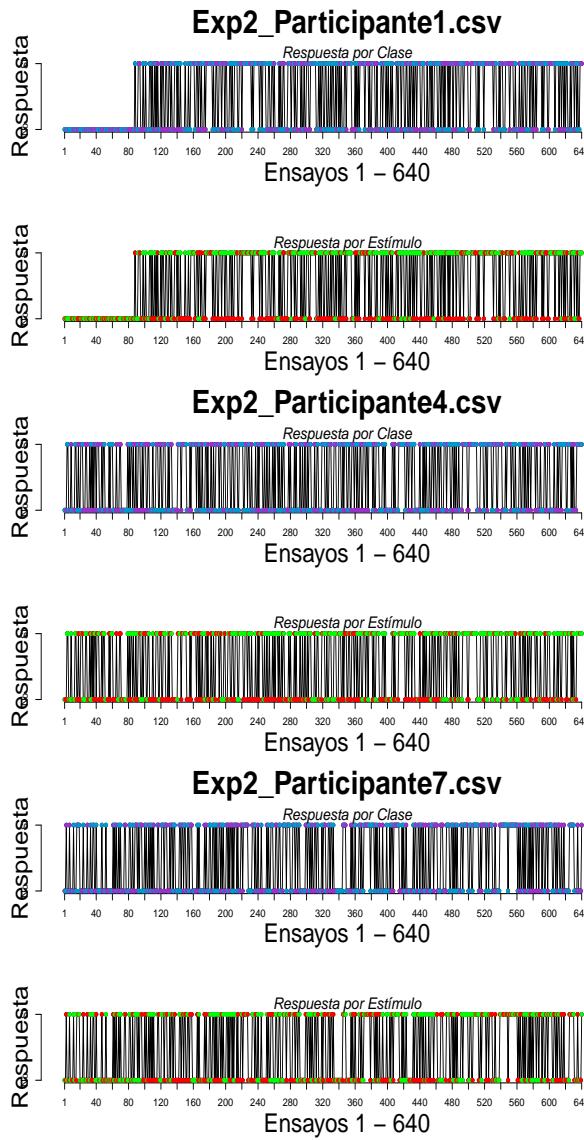
## *Experimento 1*

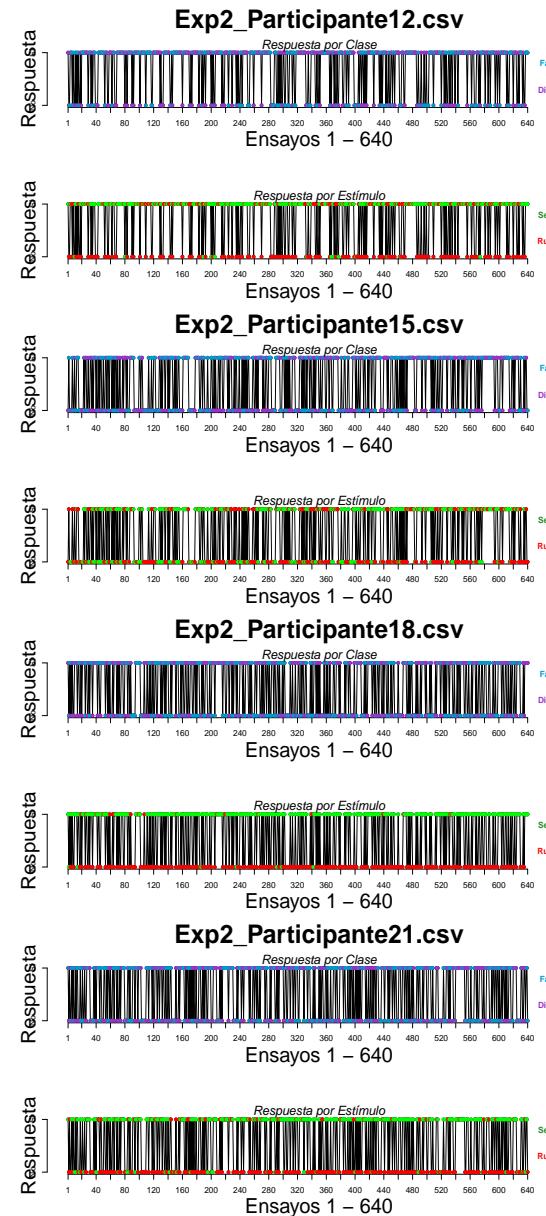
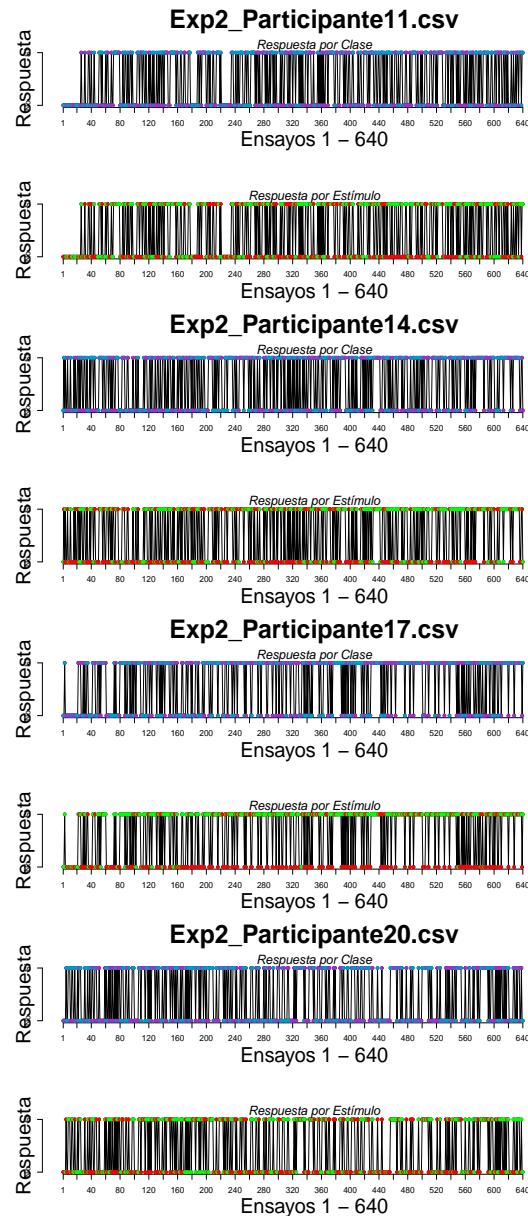
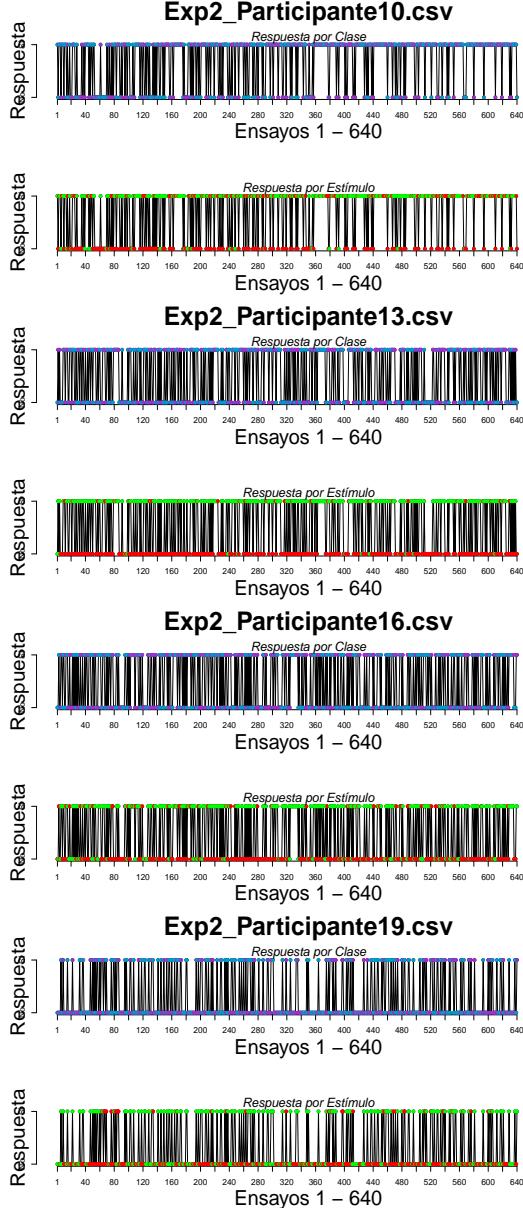




# Correlación entre la Respuesta binaria registrada y el tipo de ensayo (EVALUANDO SESGOS EVIDENTES)

## *Experimento 2*

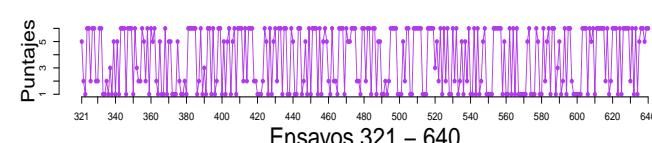
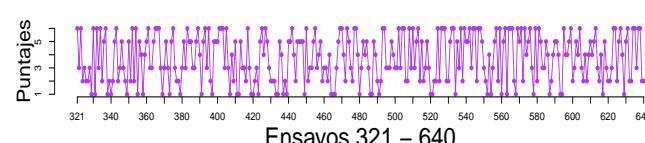
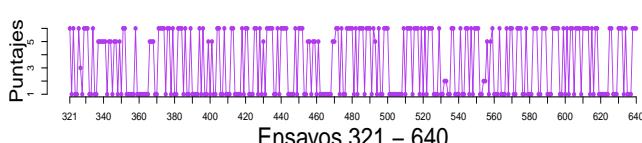
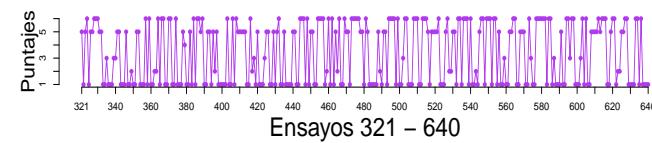
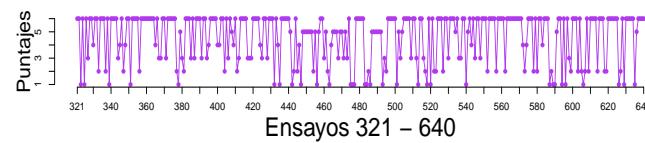
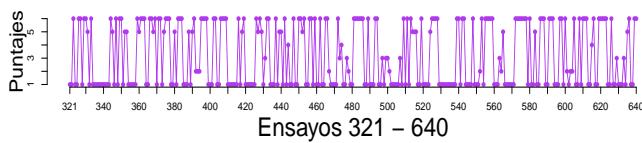
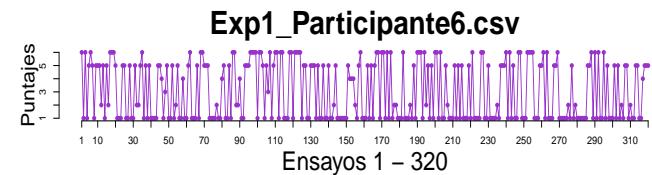
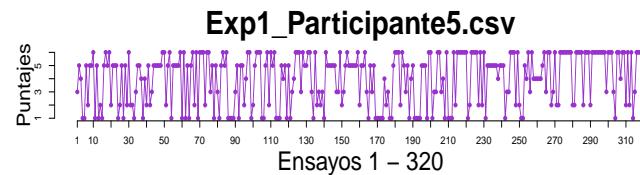
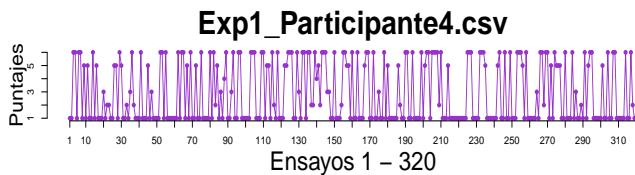
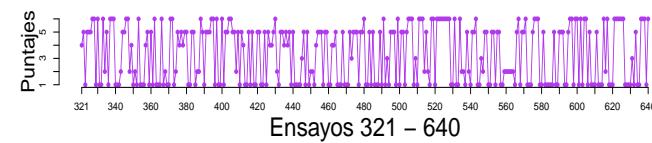
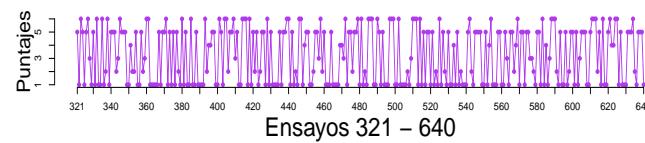
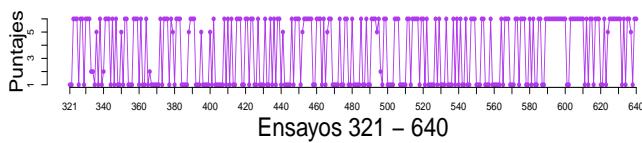
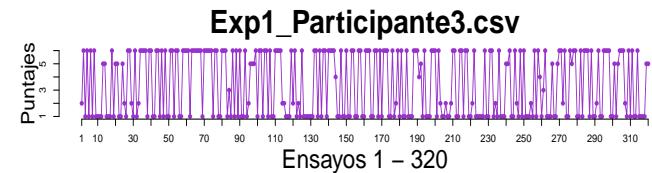
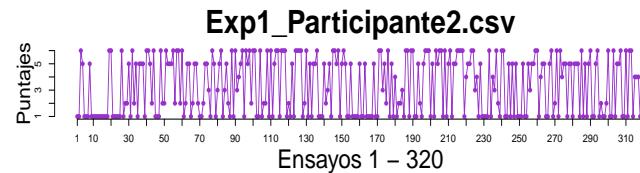
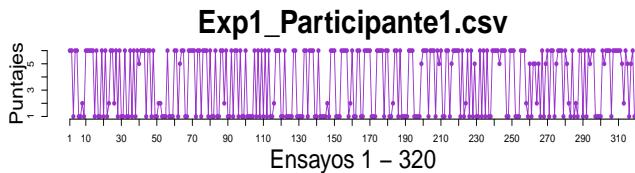


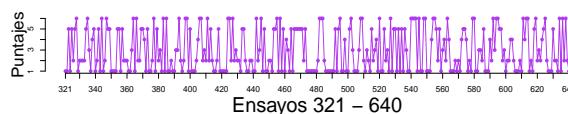
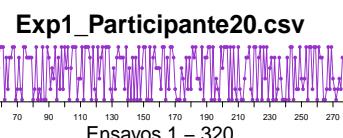
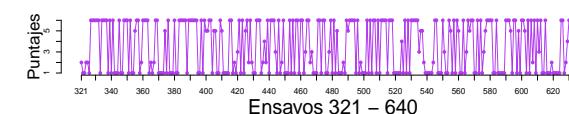
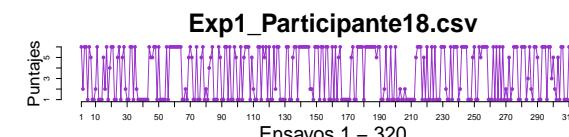
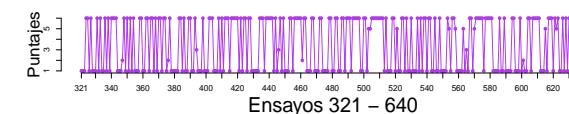
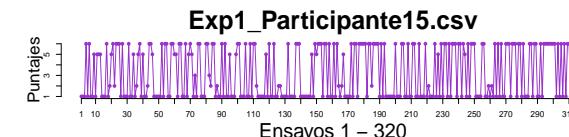
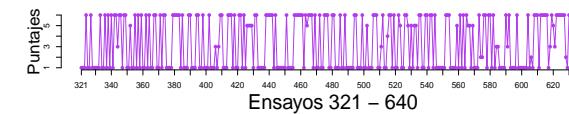
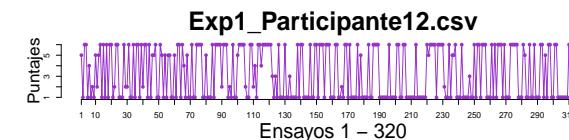
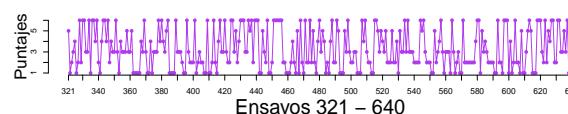
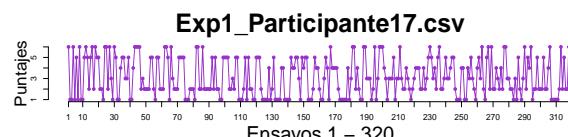
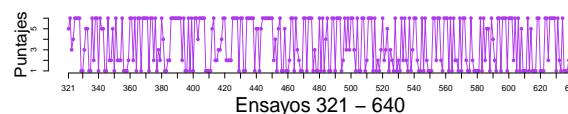
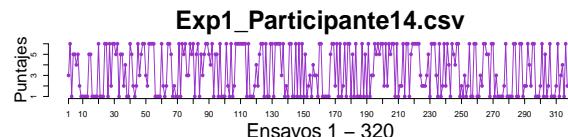
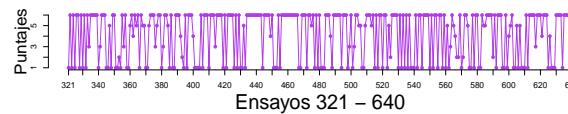
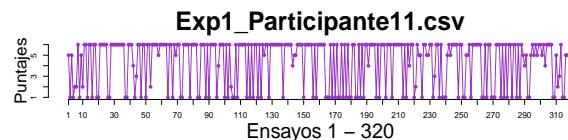
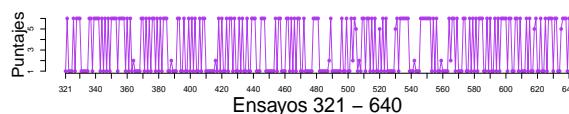
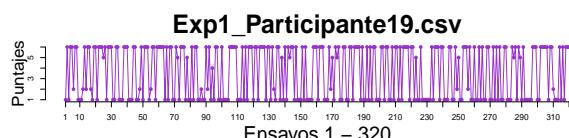
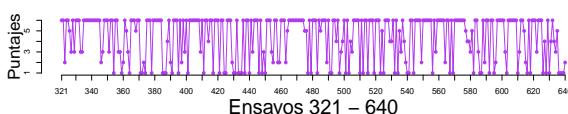
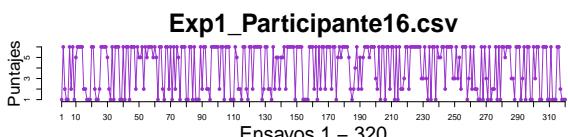
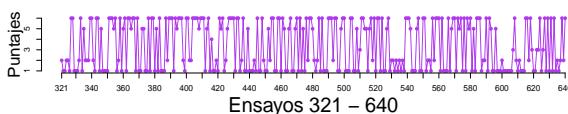
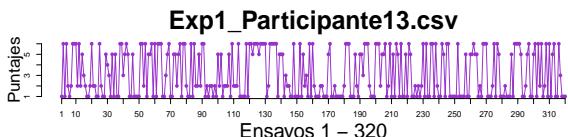
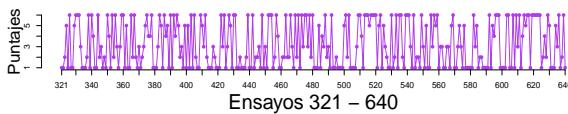
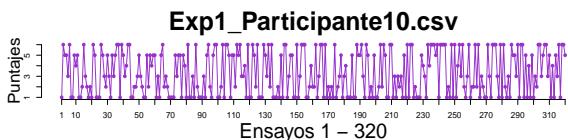


# Puntajes de Confianza registrados por ensayo

(VERIFICANDO QUE SE USARAN TODAS LAS OPCIONES DE RESPUESTA)

## *Experimento 1*

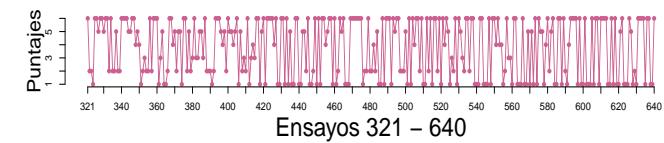
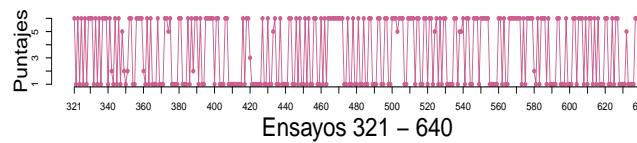
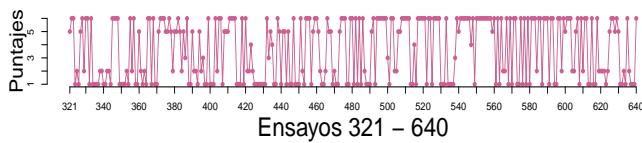
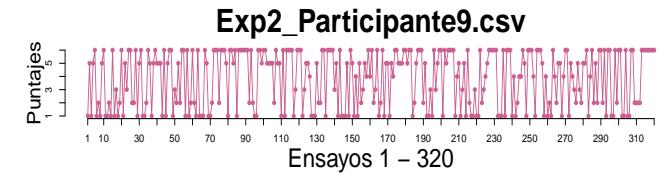
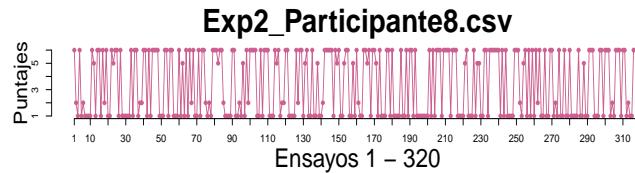
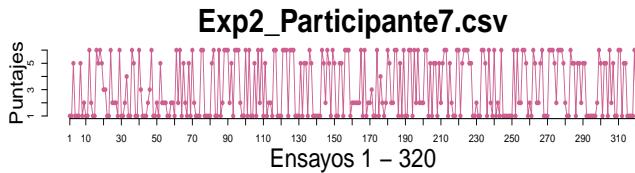
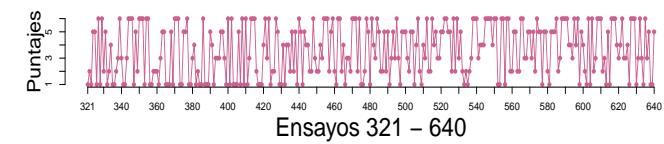
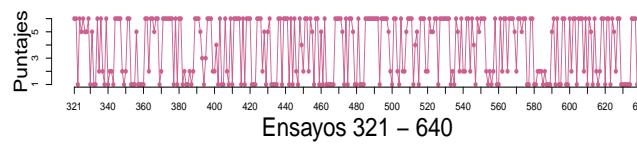
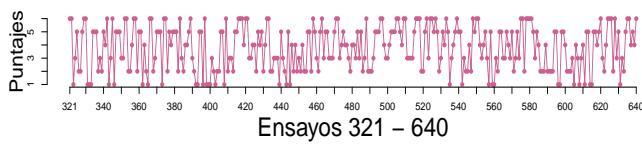
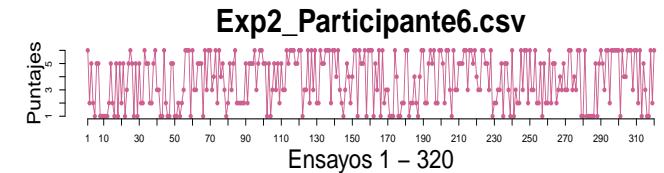
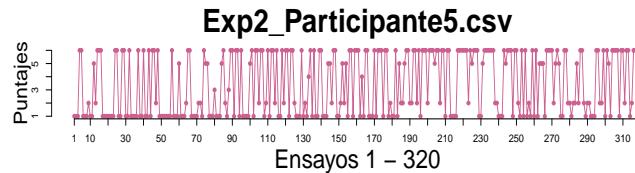
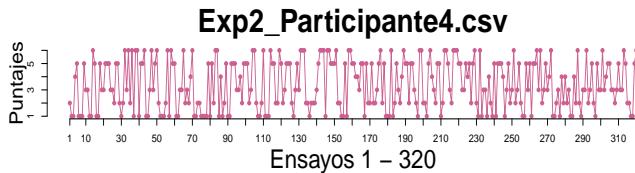
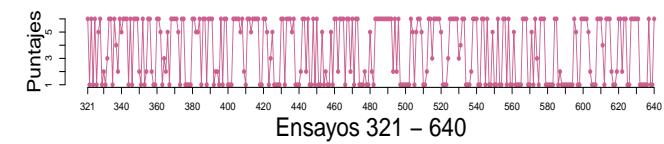
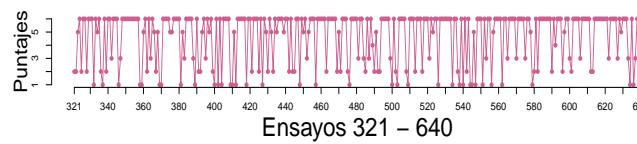
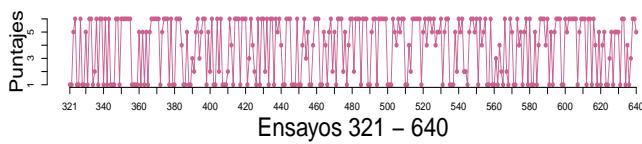
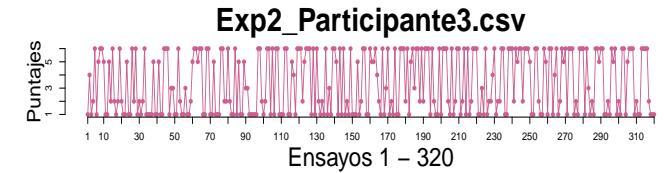
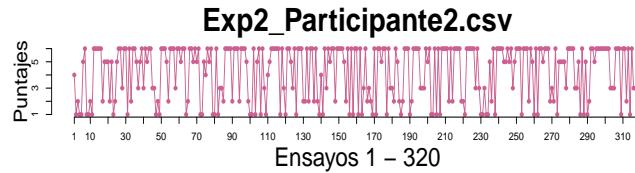
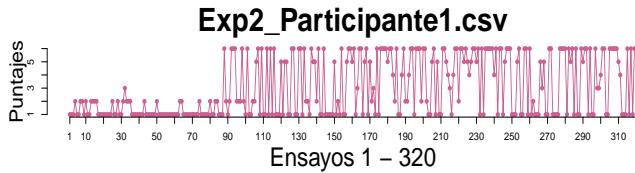




# Puntajes de Confianza registrados por ensayo

(VERIFICANDO QUE SE USARAN TODAS LAS OPCIONES DE RESPUESTA)

## *Experimento 2*

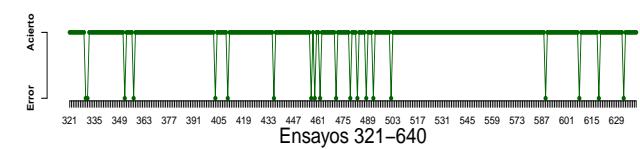
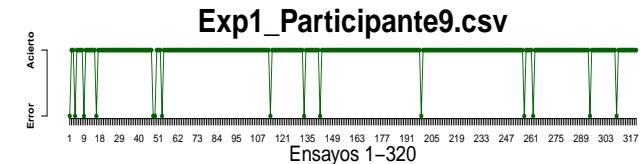
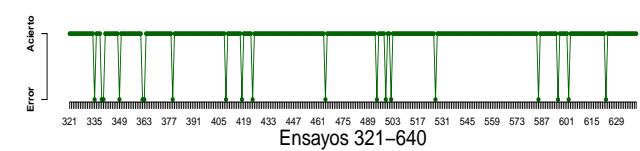
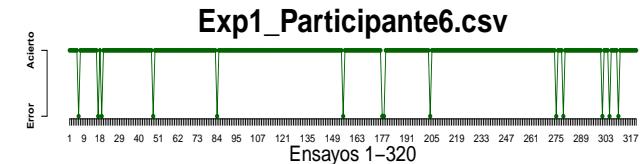
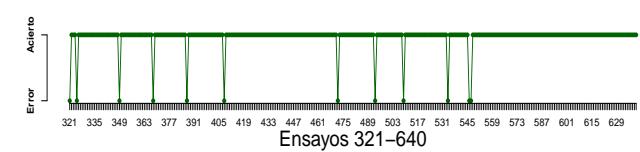
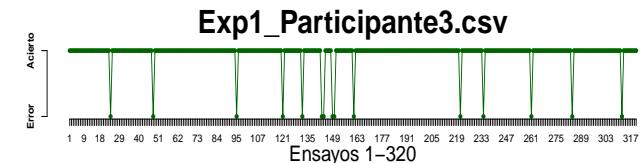
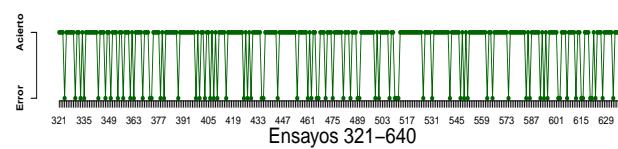
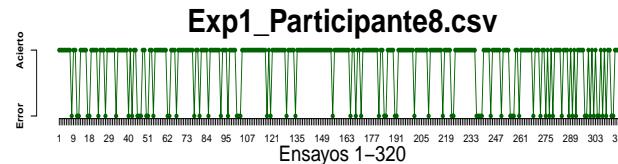
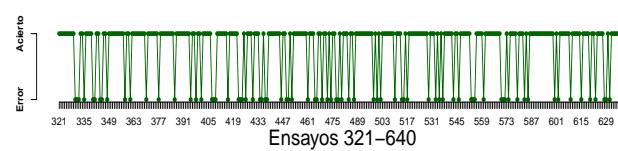
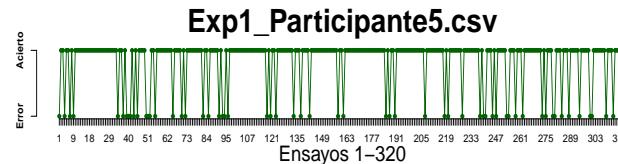
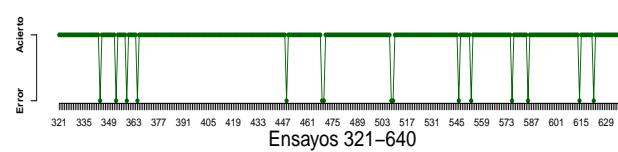
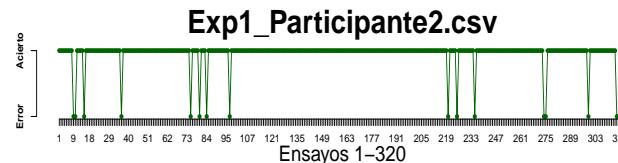
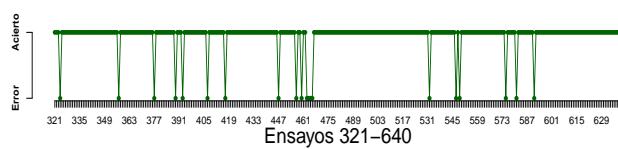
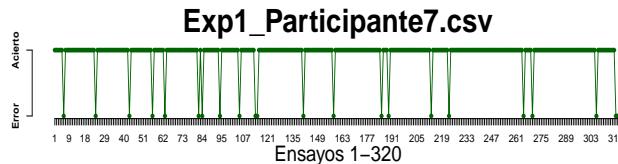
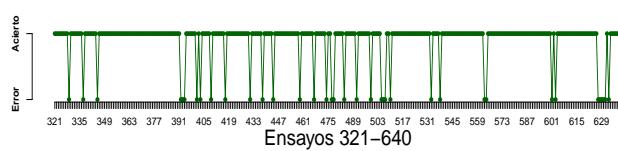
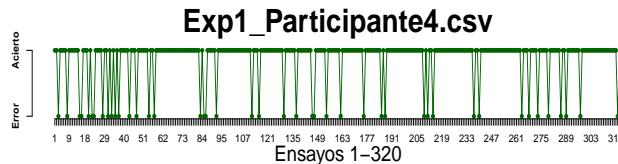
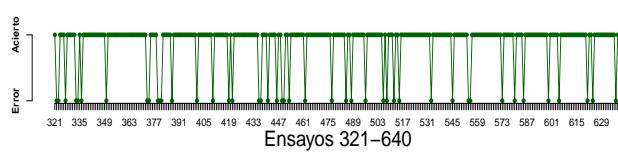
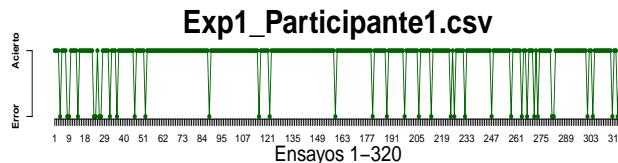




# Aciertos y errores cometidos a lo largo del tiempo

(EVALUAR CAMBIOS EN EL DESEMPEÑO DE LOS PARTICIPANTES DEPENDIENTES DEL TIEMPO)

## Experimento 1

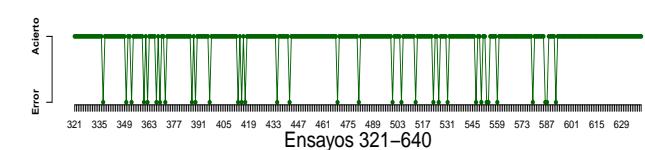
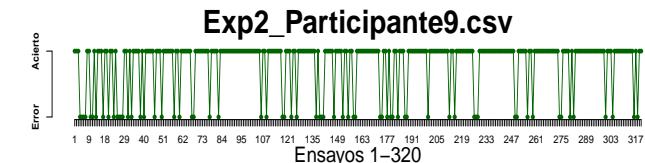
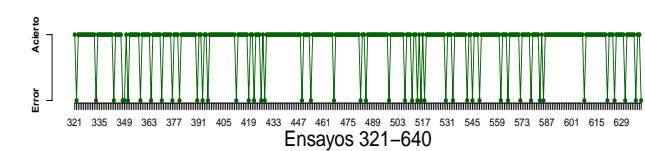
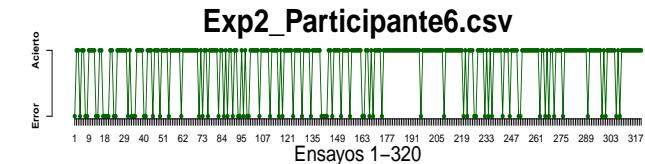
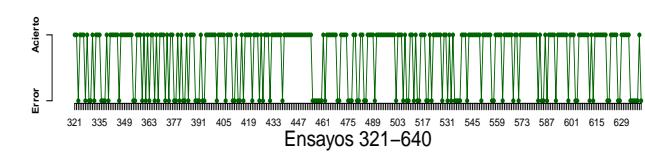
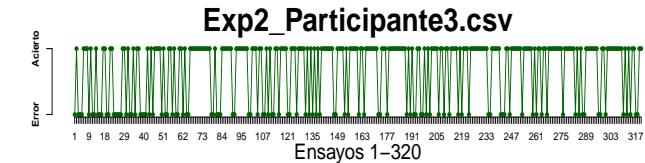
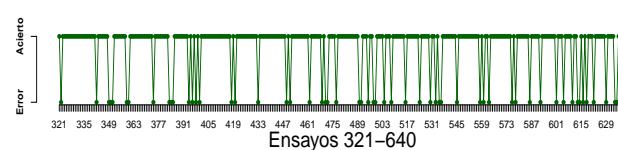
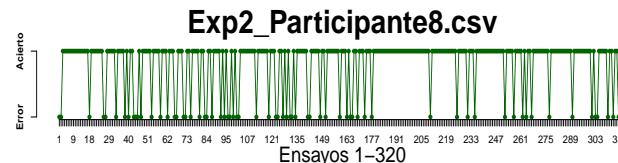
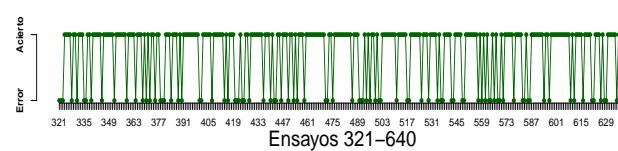
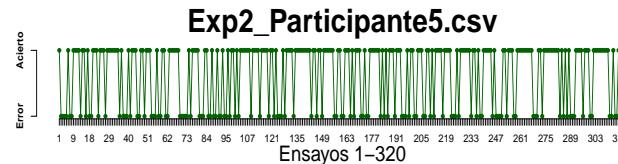
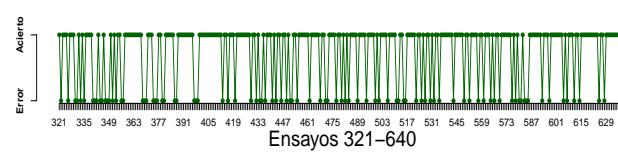
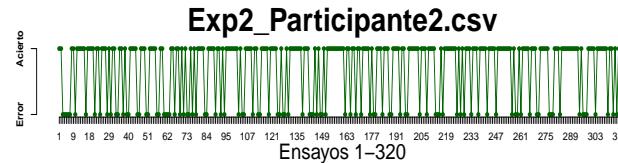
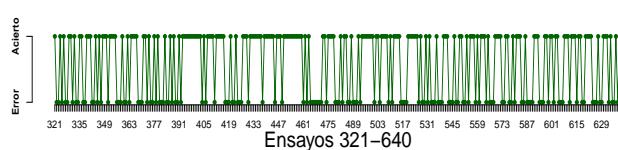
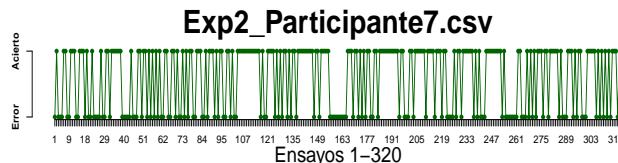
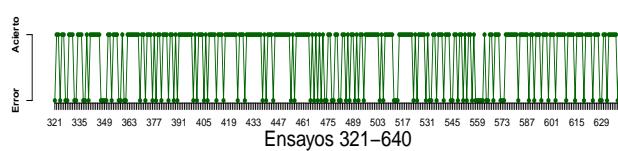
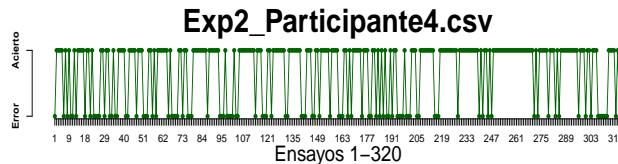
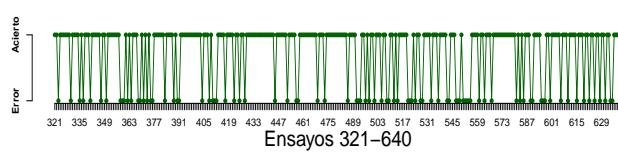
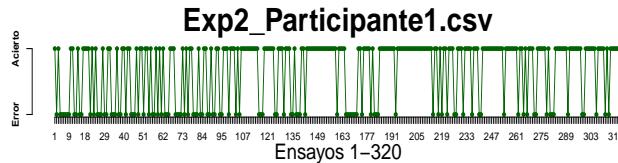


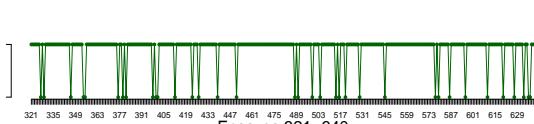
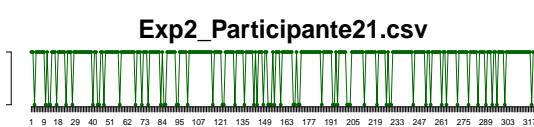
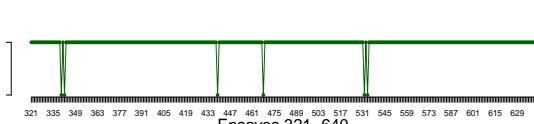
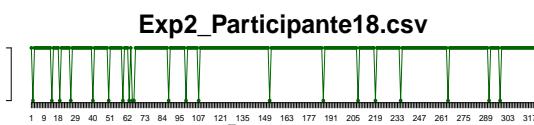
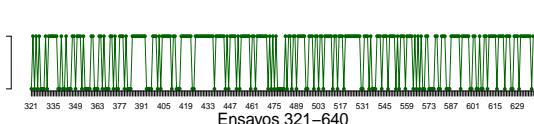
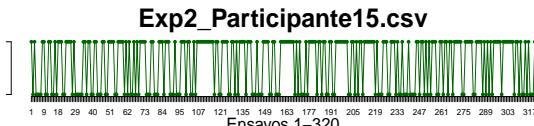
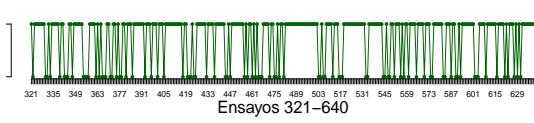
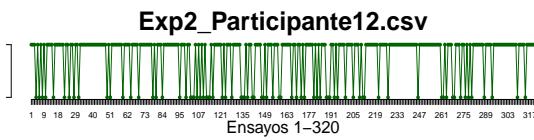
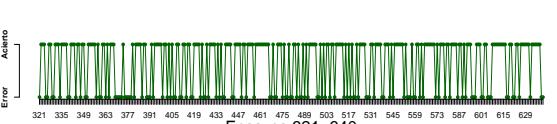
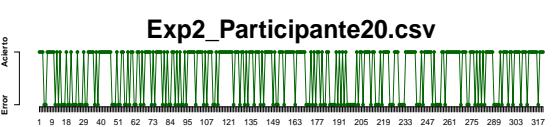
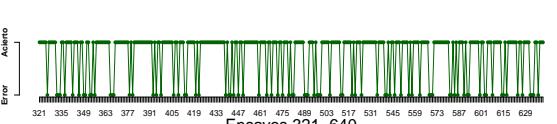
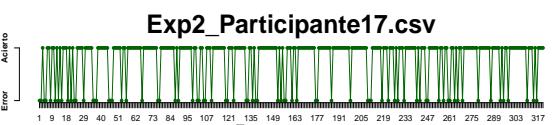
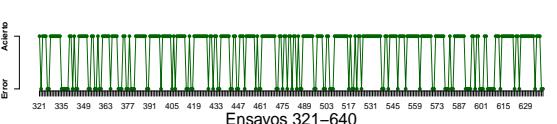
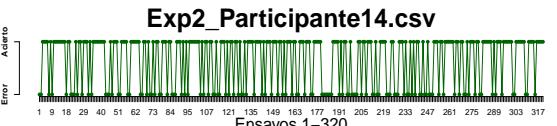
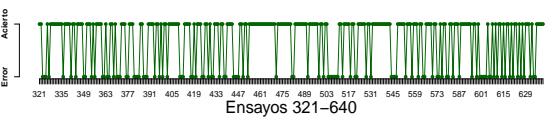
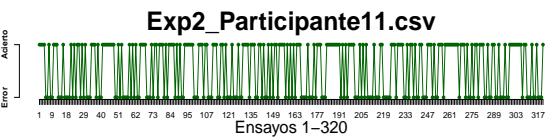
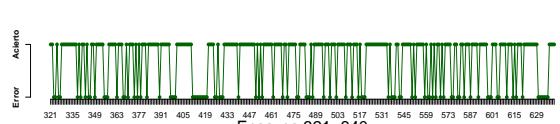
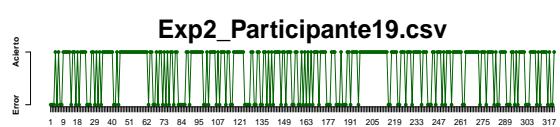
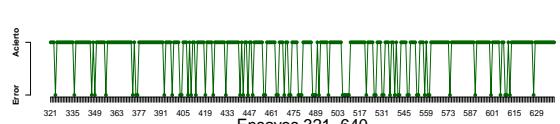
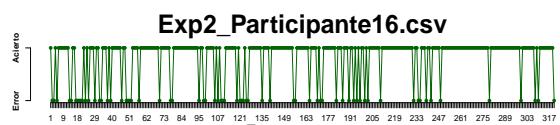
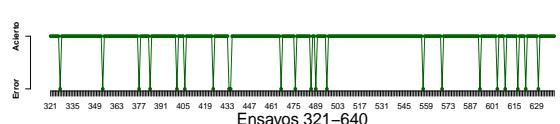
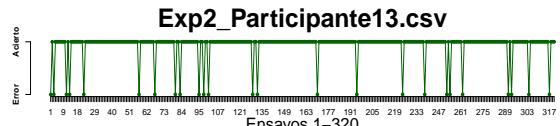
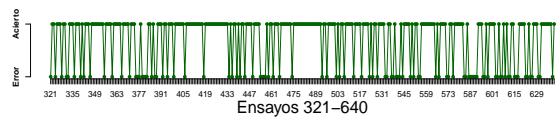
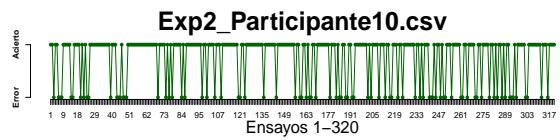


# Aciertos y errores cometidos a lo largo del tiempo

(EVALUAR CAMBIOS EN EL DESEMPEÑO DE LOS PARTICIPANTES DEPENDIENTES DEL TIEMPO)

## Experimento 2

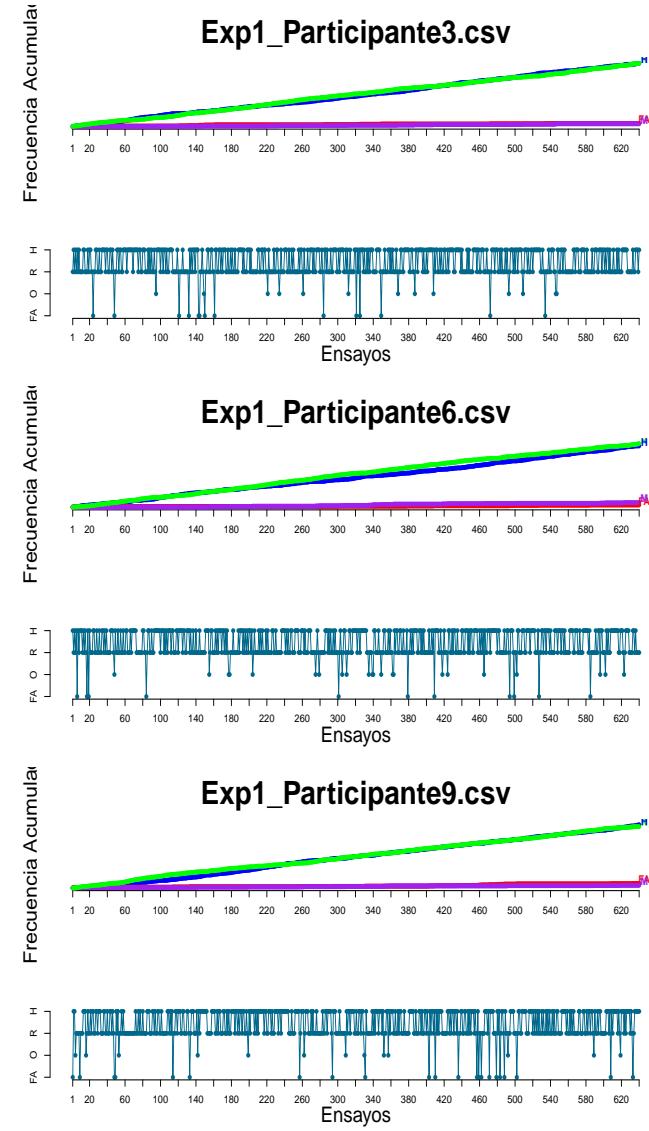
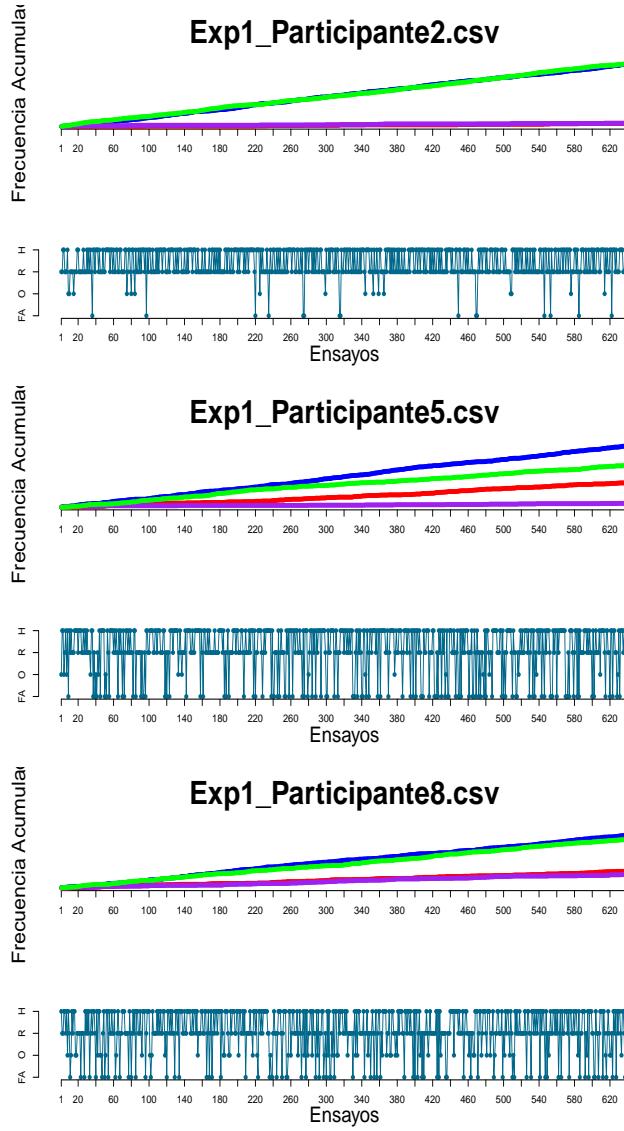
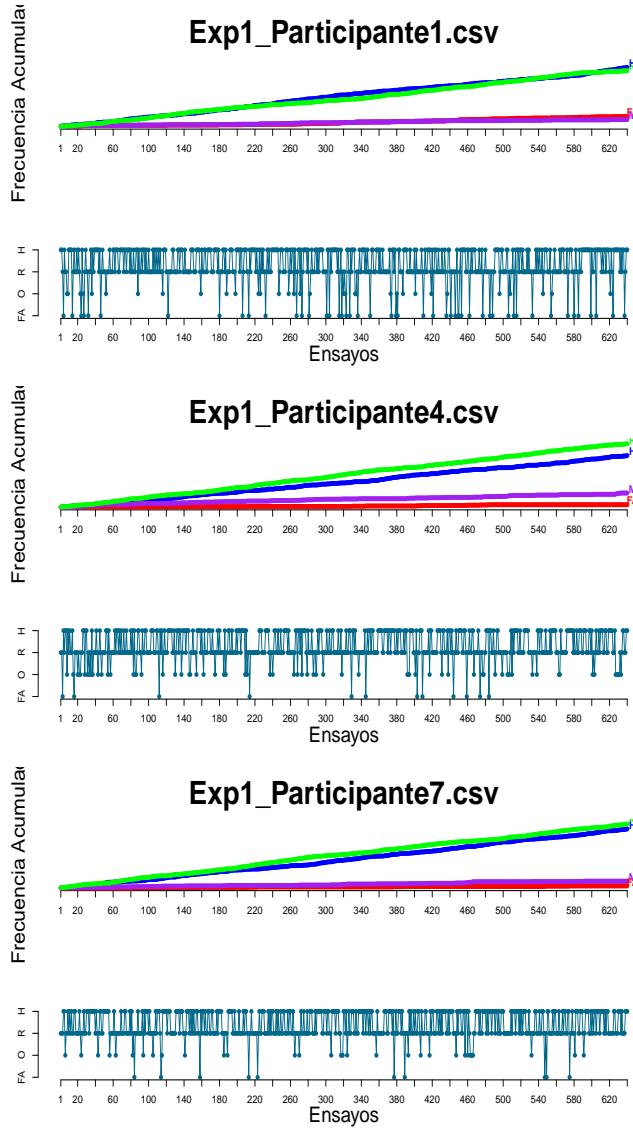


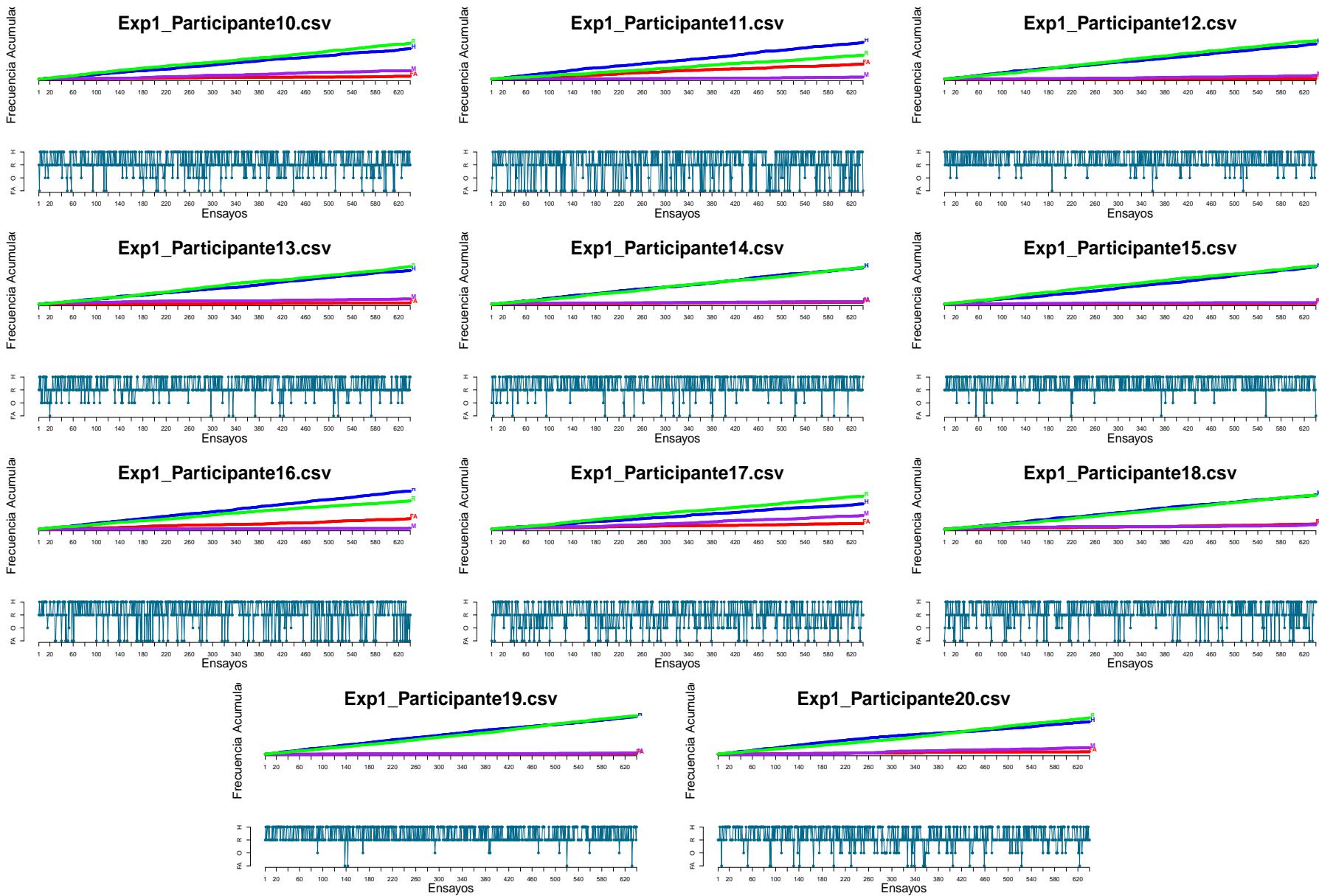


# Resultado obtenido en cada ensayo

(EVALUAR CAMBIOS EN EL DESEMPEÑO DE LOS PARTICIPANTES DEPENDIENTES DEL TIEMPO)

## Experimento 1

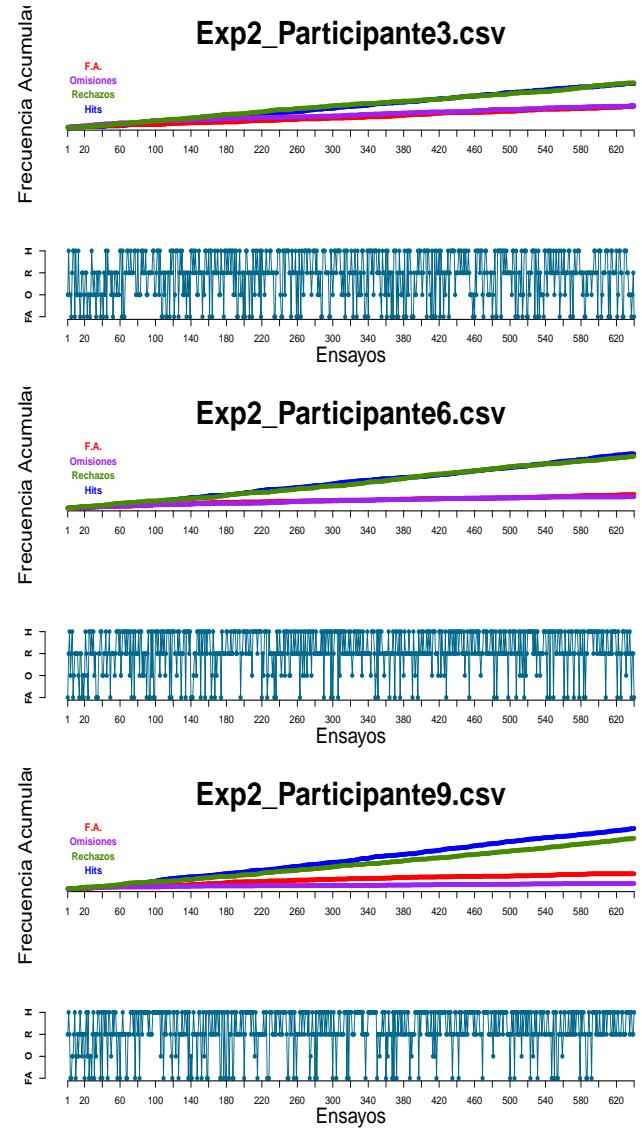
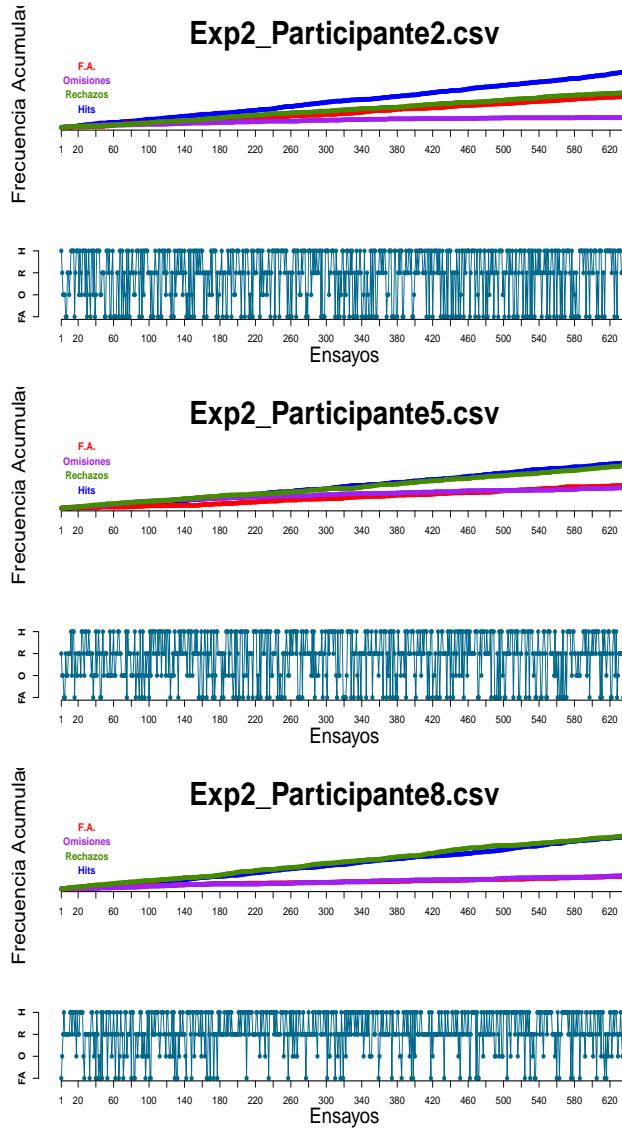
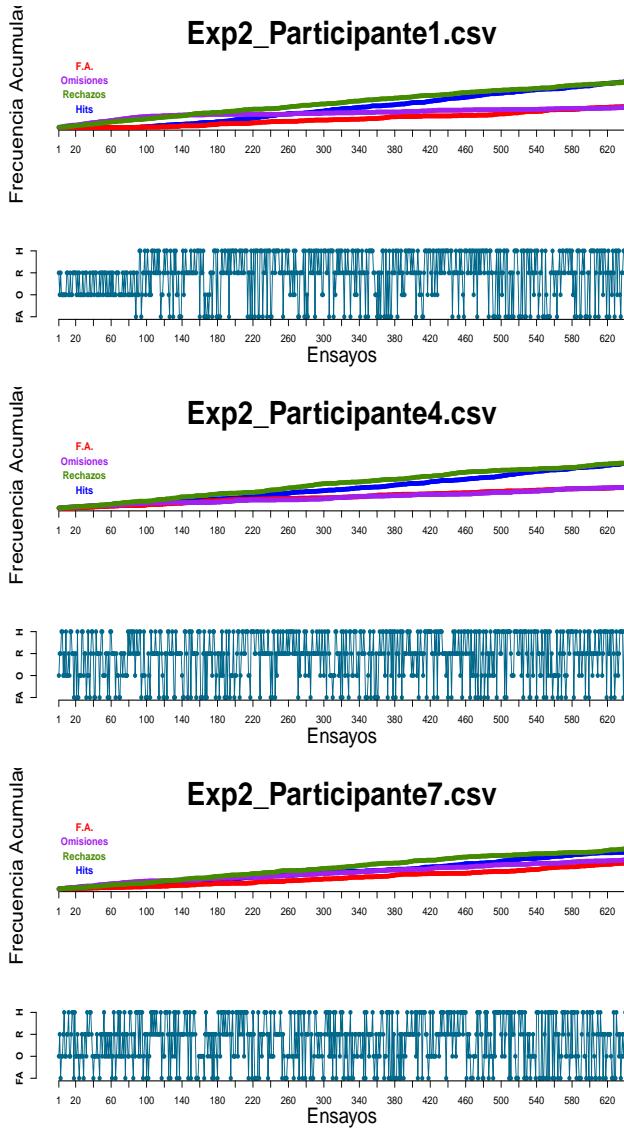


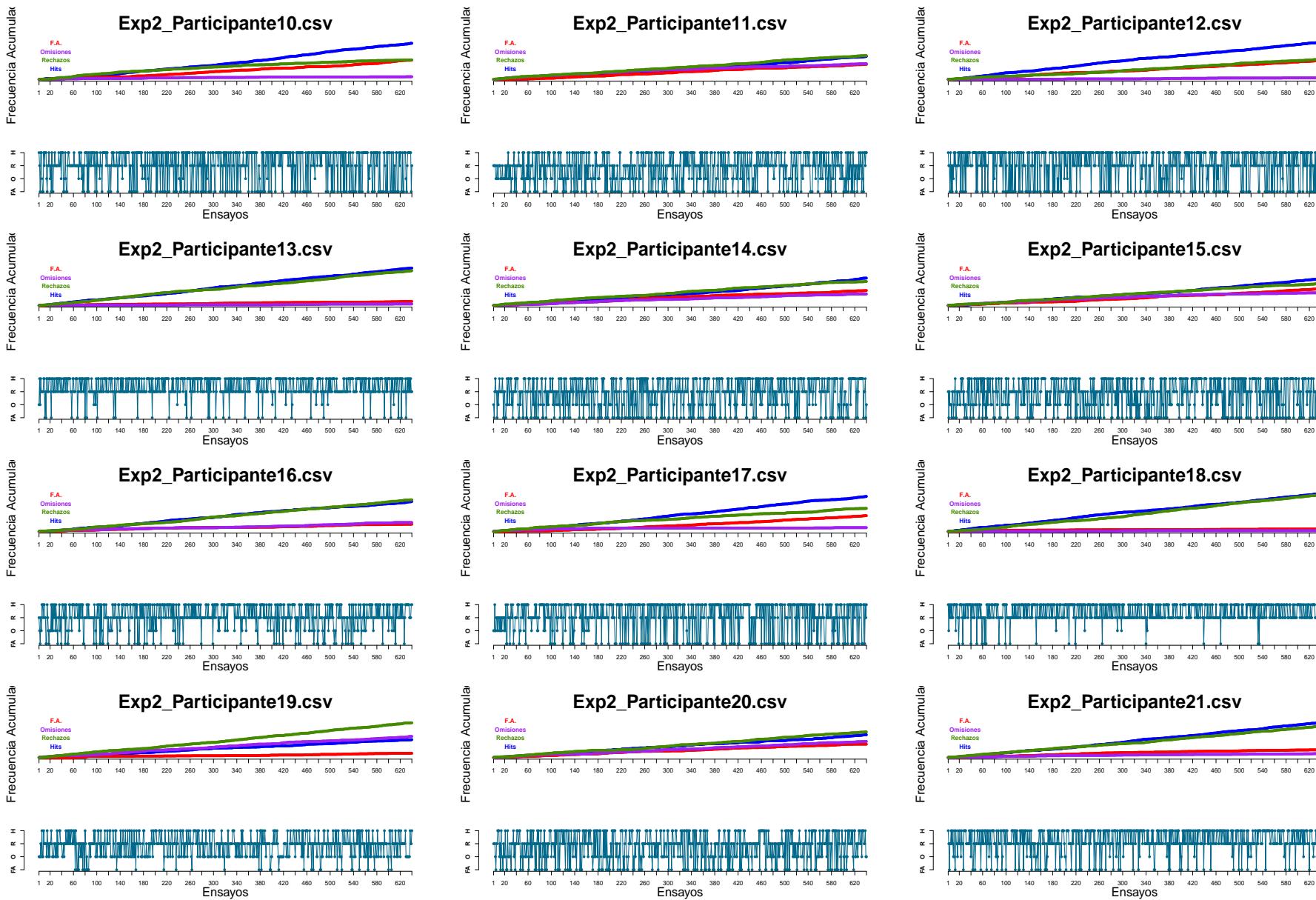


# Resultado obtenido en cada ensayo

(EVALUAR CAMBIOS EN EL DESEMPEÑO DE LOS PARTICIPANTES DEPENDIENTES DEL TIEMPO)

## Experimento 2



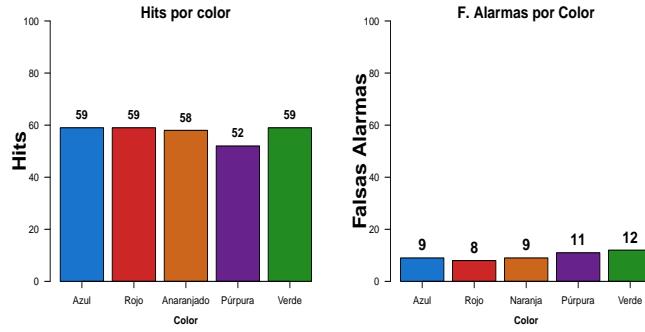


# Explorando correlación Color - Desempeño

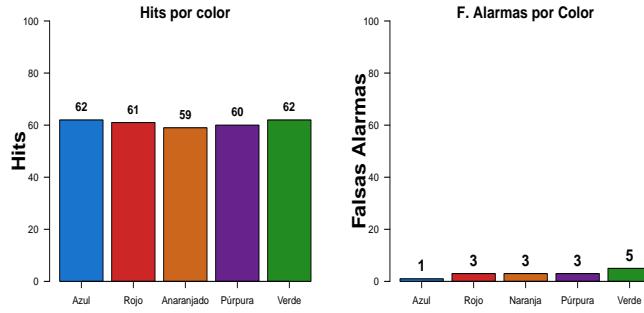
(DESCARTANDO QUE EL COLOR DE LAS FIGURAS TENGA UN IMPACTO EN LA EJECUCIÓN)

## Experimento 1

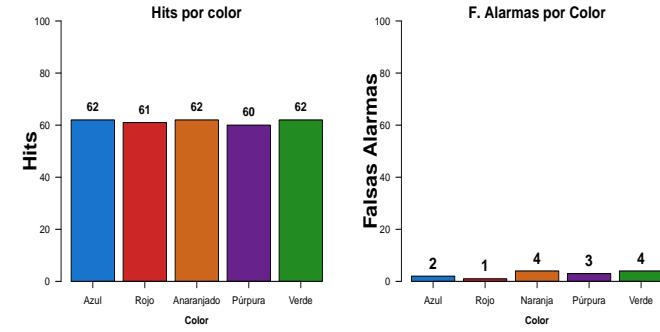
Exp1\_Participante1.csv



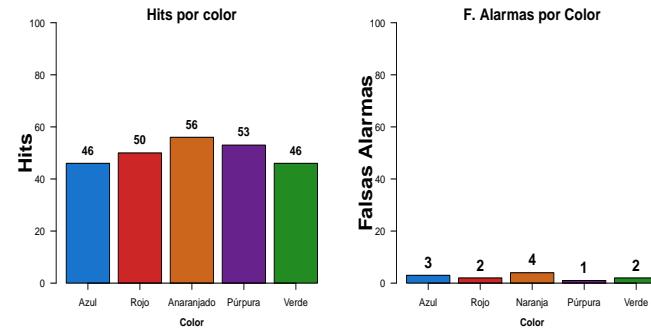
Exp1\_Participante2.csv



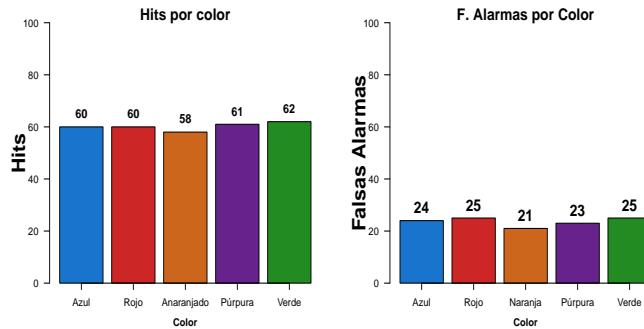
Exp1\_Participante3.csv



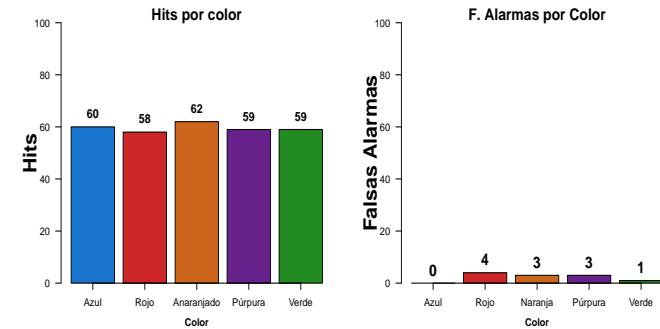
Exp1\_Participante4.csv



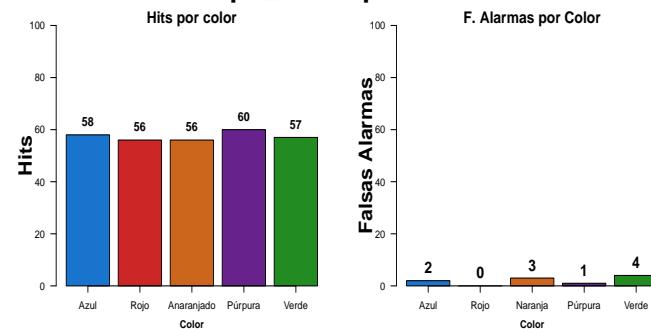
Exp1\_Participante5.csv



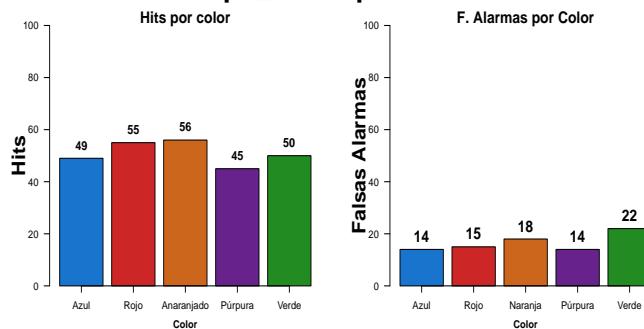
Exp1\_Participante6.csv



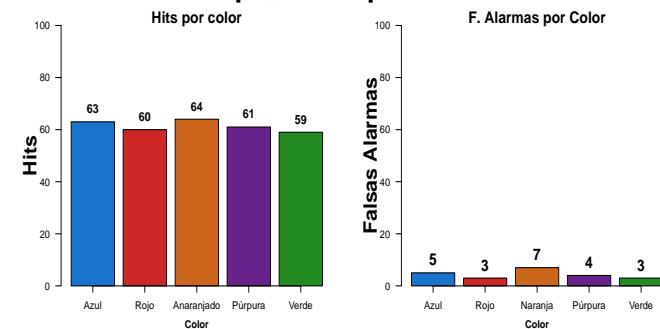
Exp1\_Participante7.csv

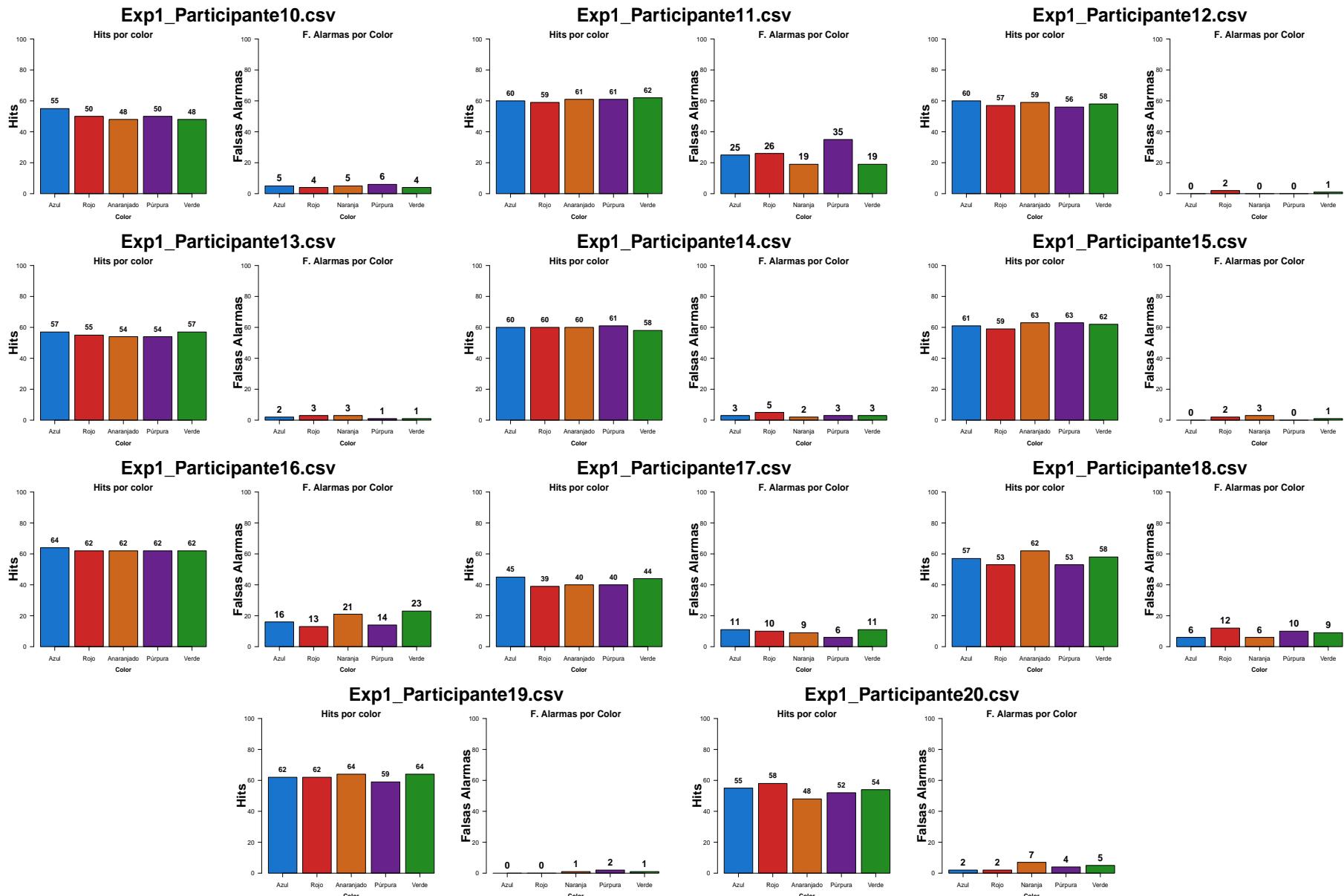


Exp1\_Participante8.csv



Exp1\_Participante9.csv



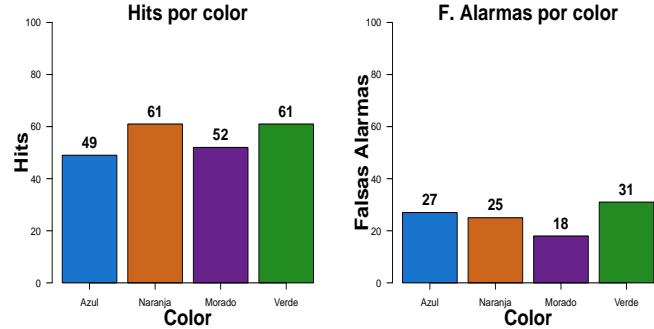


# Explorando correlación Color - Desempeño

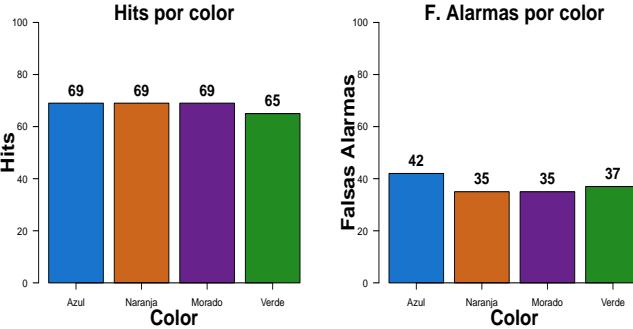
(DESCARTANDO QUE EL COLOR DE LAS FIGURAS TENGA UN IMPACTO EN LA EJECUCIÓN)

## Experimento 2

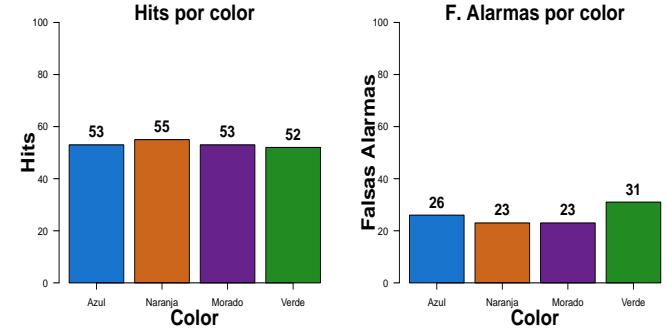
Exp2\_Participante1.csv



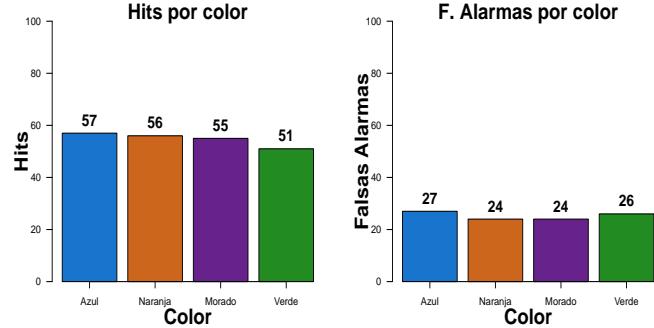
Exp2\_Participante2.csv



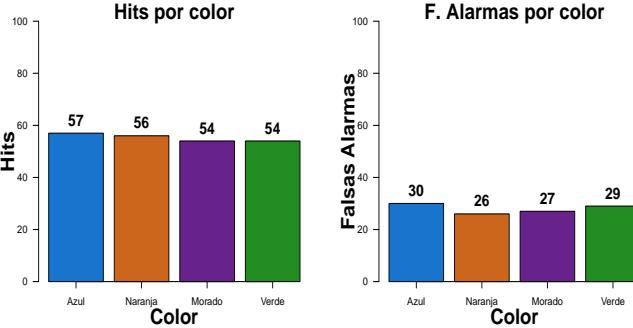
Exp2\_Participante3.csv



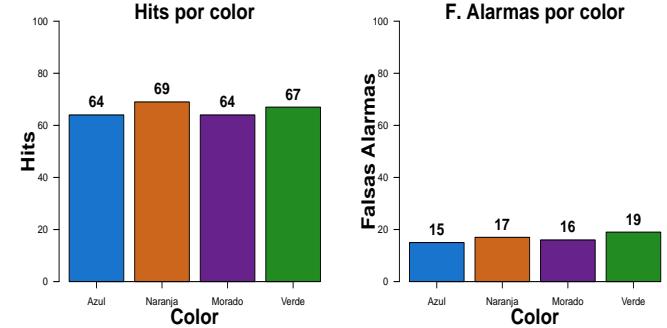
Exp2\_Participante4.csv



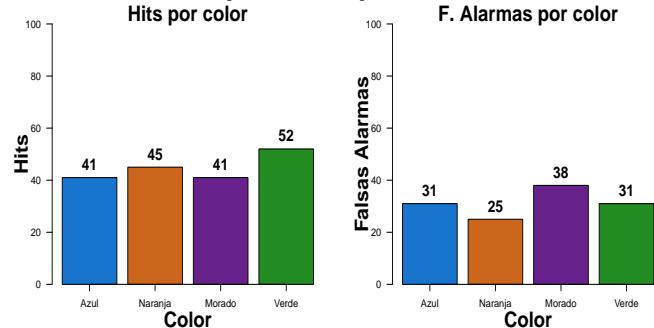
Exp2\_Participante5.csv



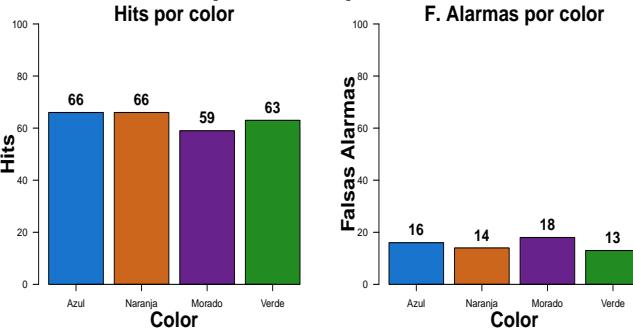
Exp2\_Participante6.csv



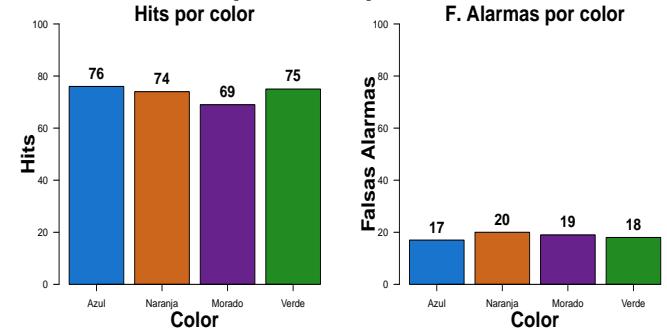
Exp2\_Participante7.csv

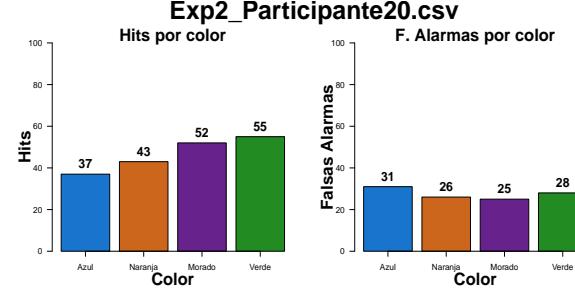
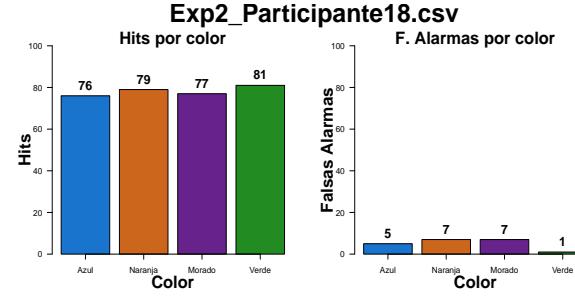
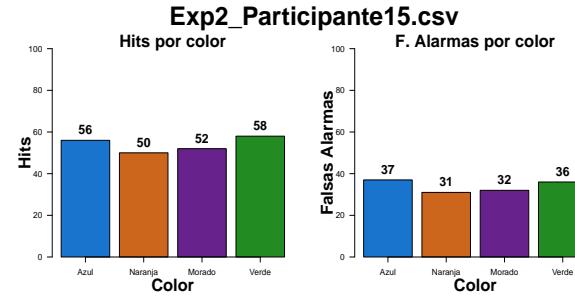
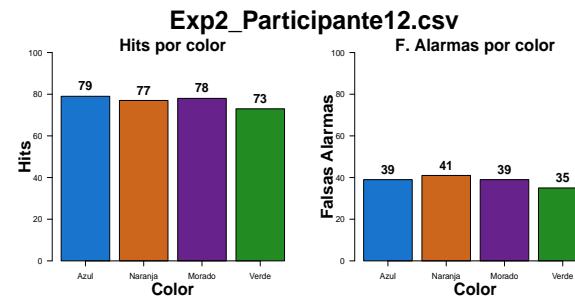
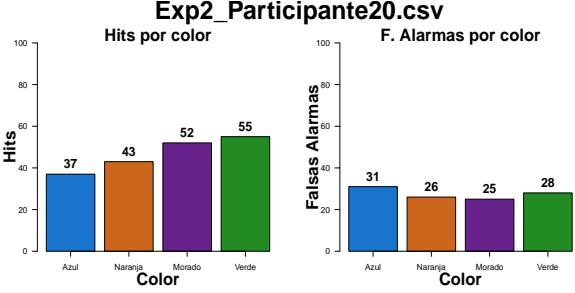
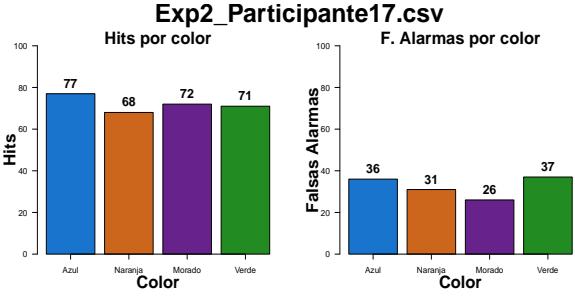
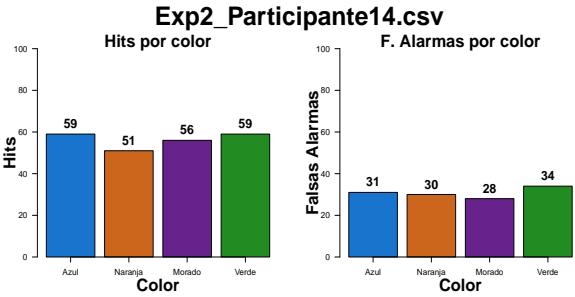
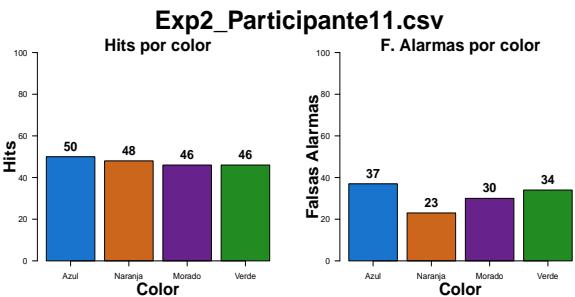
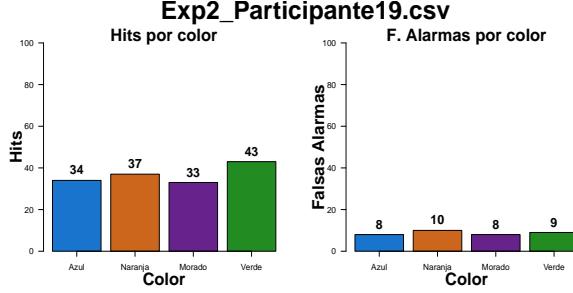
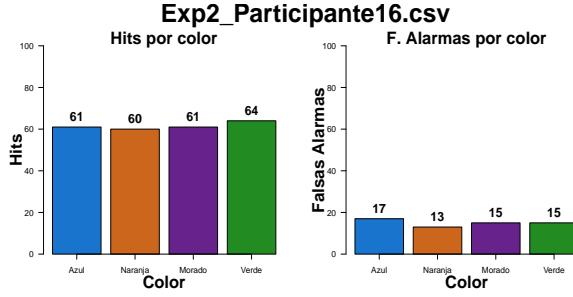
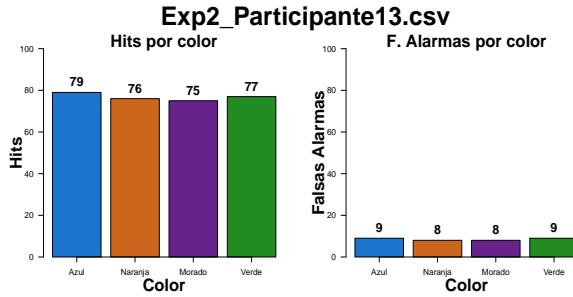
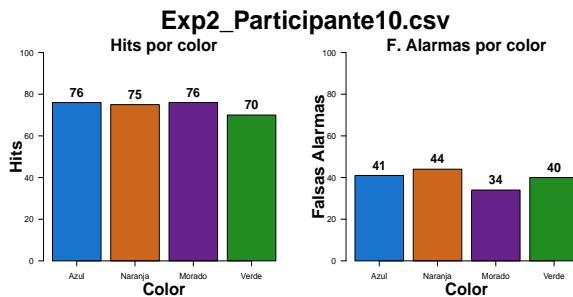


Exp2\_Participante8.csv



Exp2\_Participante9.csv





# Evaluando relación Color - Sesgo a responder Sí/No

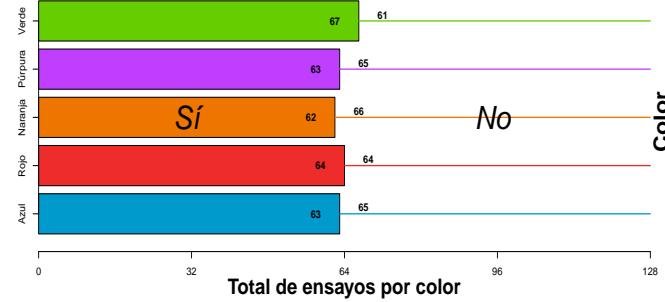
(DESCARTANDO QUE EL COLOR TENGA UN EFECTO EN LAS RESPUESTAS EMITIDAS)

## Experimento 1

Exp1\_Participante1.csv



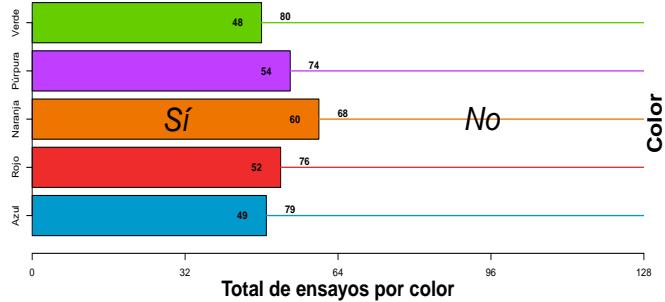
Exp1\_Participante2.csv



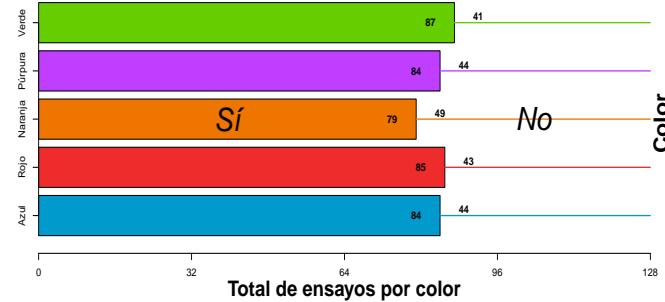
Exp1\_Participante3.csv



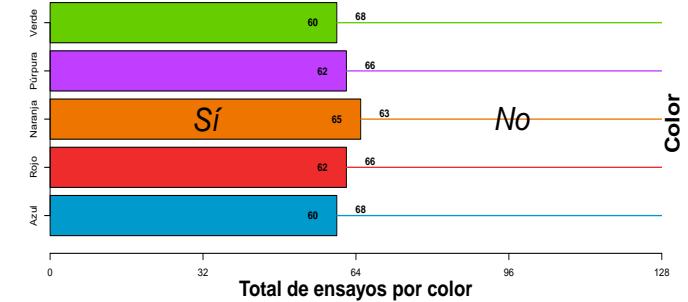
Exp1\_Participante4.csv



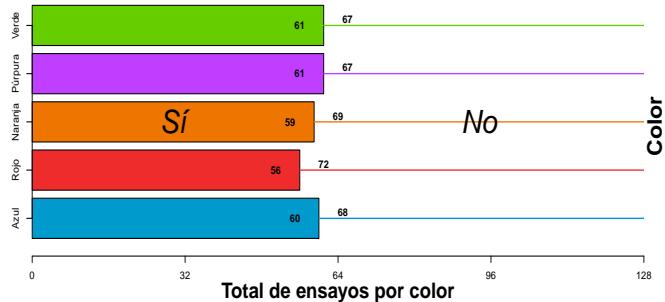
Exp1\_Participante5.csv



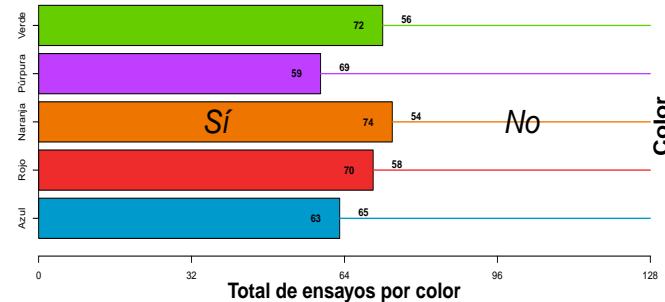
Exp1\_Participante6.csv



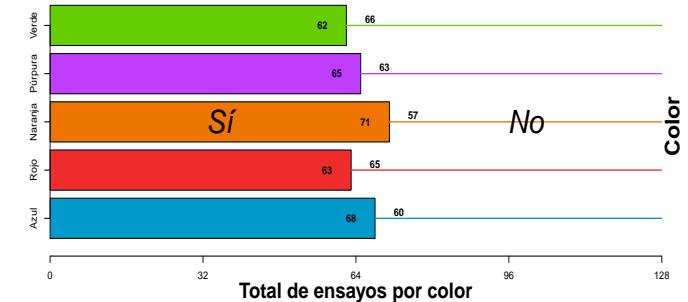
Exp1\_Participante7.csv

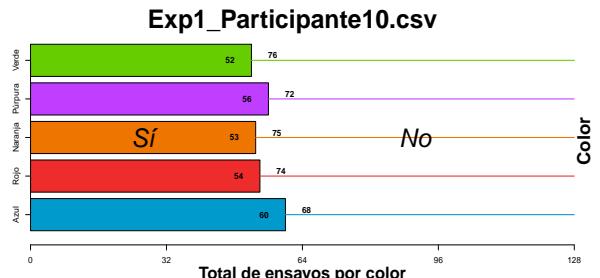


Exp1\_Participante8.csv

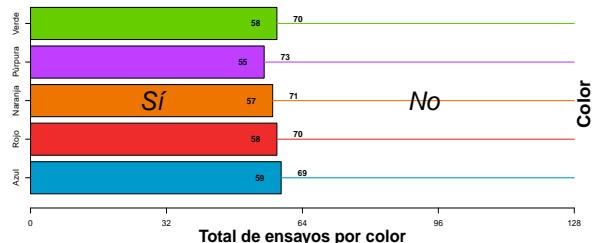


Exp1\_Participante9.csv

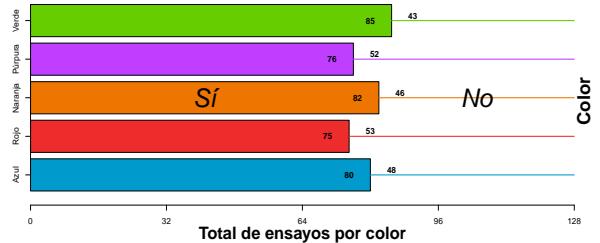




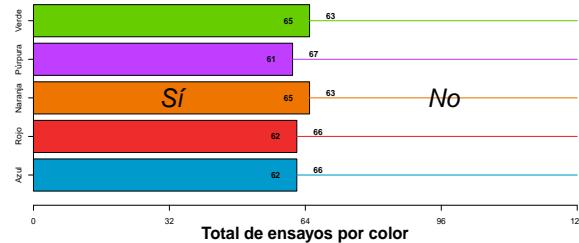
Exp1\_Participante13.csv



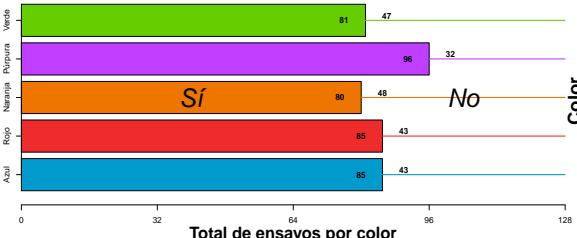
## Exp1\_Participante16.csv



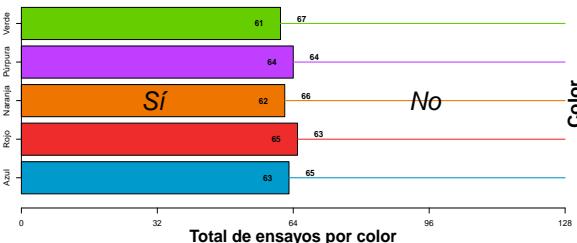
Exp1\_Participante19.csv



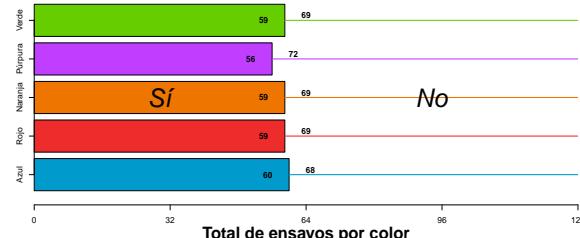
Exp1\_Participante11.csv



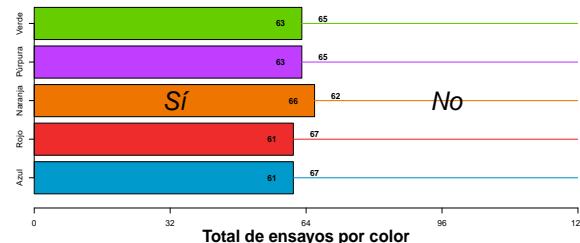
Exp1\_Participante14.csv



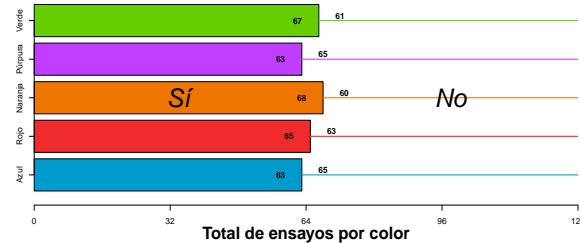
Exp1\_Participante12.csv



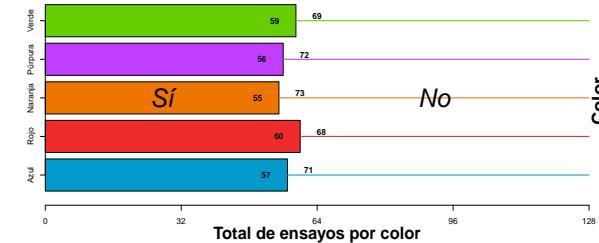
Exp1\_Participante15.csv



Exp1\_Participante18.csv



Exp1\_Participante20.csv

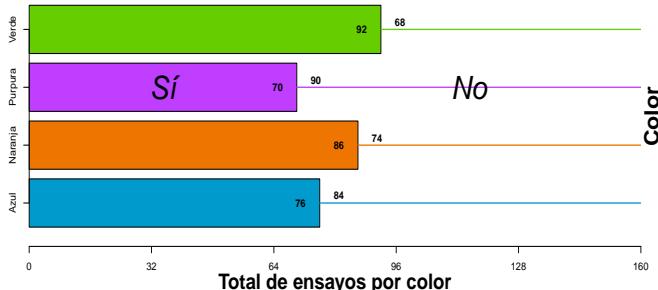


# Evaluando relación Color - Sesgo a responder Sí/No

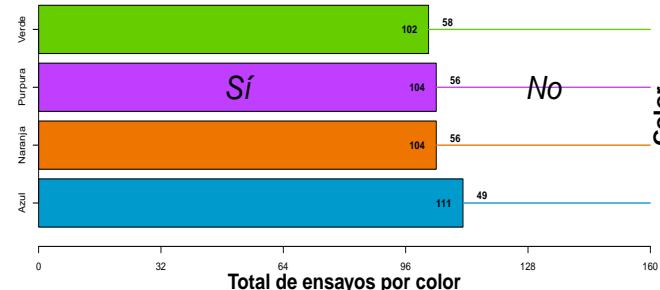
(DESCARTANDO QUE EL COLOR TENGA UN EFECTO SOBRE LAS RESPUESTAS EMITIDAS)

## Experimento 2

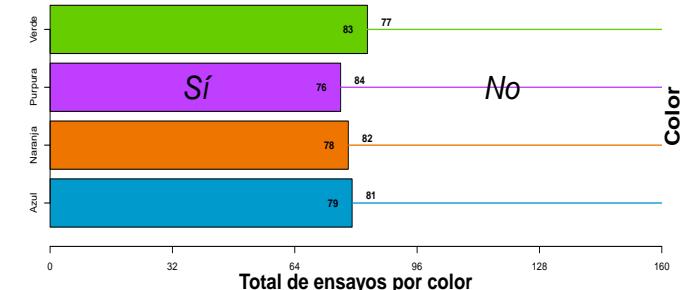
Exp2\_Participante1.csv



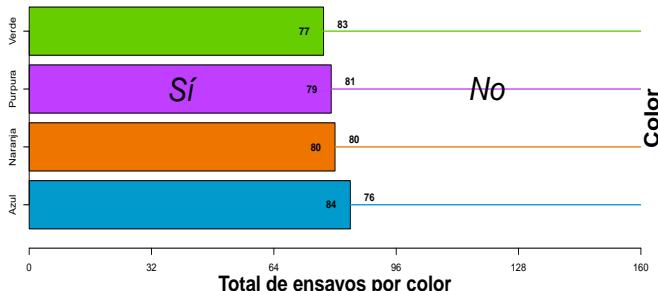
Exp2\_Participante2.csv



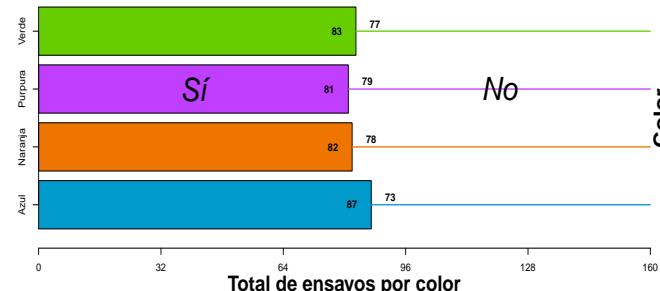
Exp2\_Participante3.csv



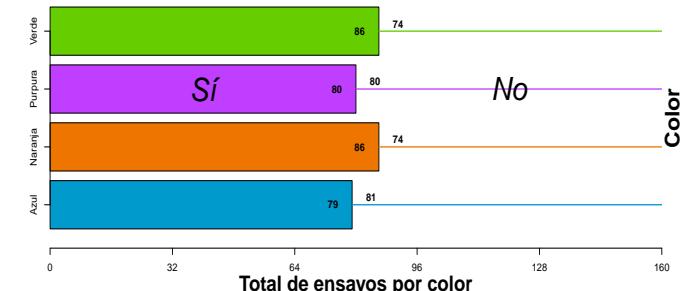
Exp2\_Participante4.csv



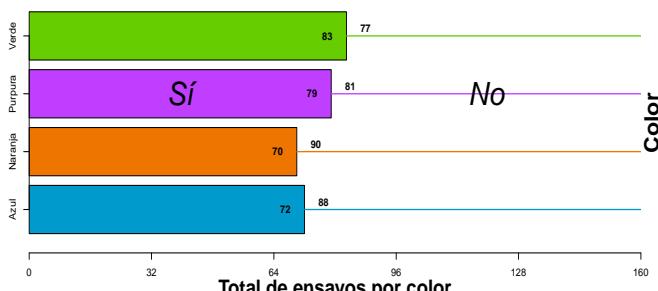
Exp2\_Participante5.csv



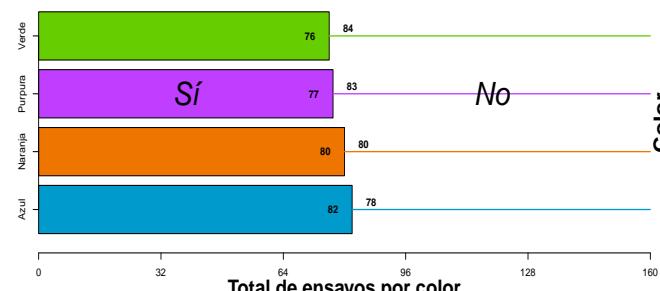
Exp2\_Participante6.csv



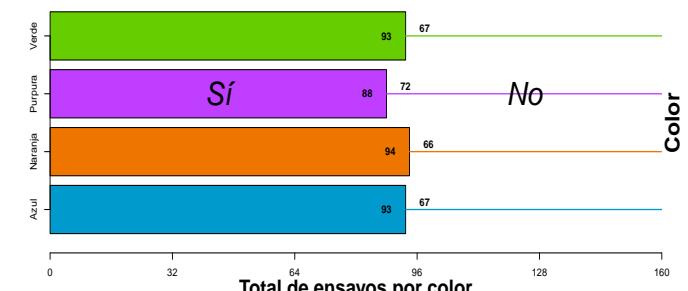
Exp2\_Participante7.csv



Exp2\_Participante8.csv



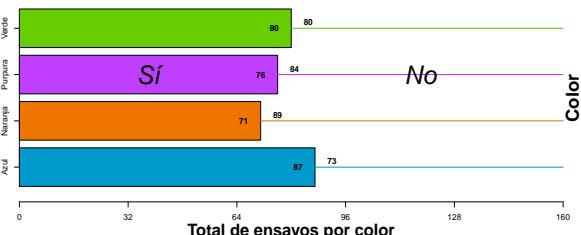
Exp2\_Participante9.csv



**Exp2\_Participante10.csv**



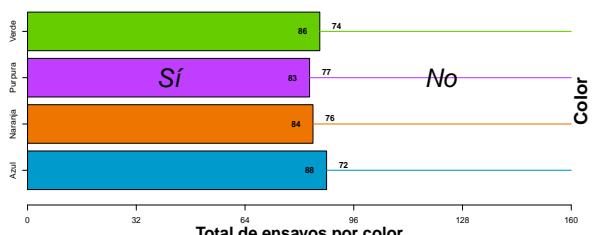
**Exp2\_Participante11.csv**



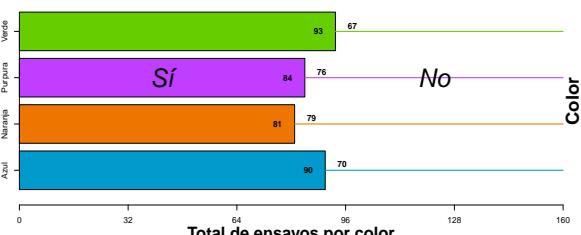
**Exp2\_Participante12.csv**



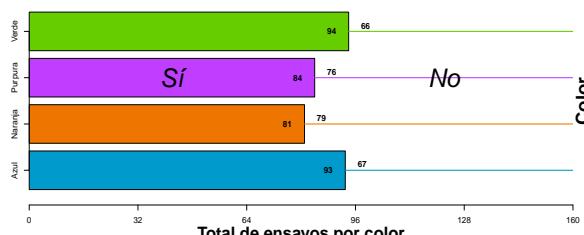
**Exp2\_Participante13.csv**



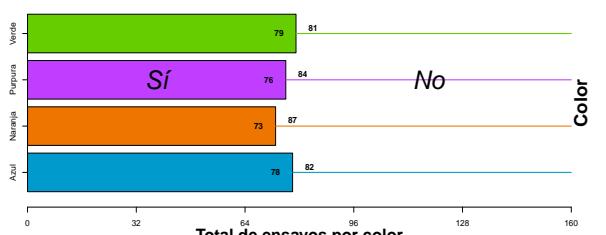
**Exp2\_Participante14.csv**



**Exp2\_Participante15.csv**



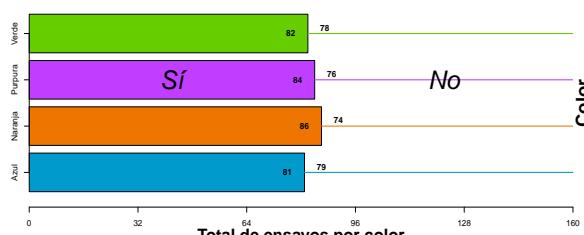
**Exp2\_Participante16.csv**



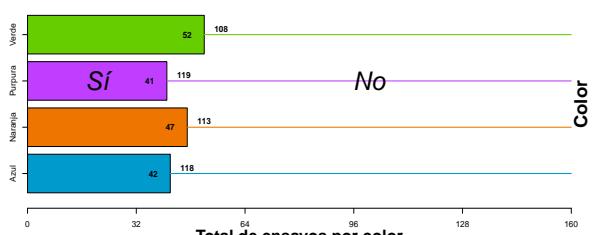
**Exp2\_Participante17.csv**



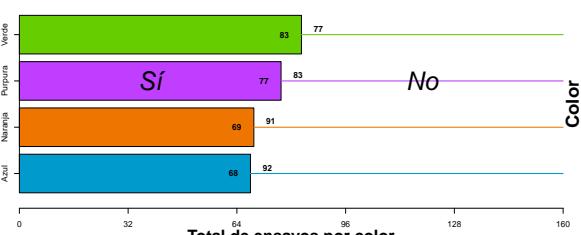
**Exp2\_Participante18.csv**



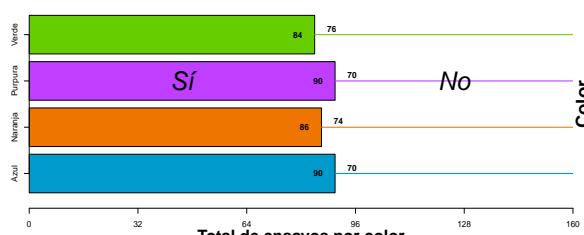
**Exp2\_Participante19.csv**



**Exp2\_Participante20.csv**



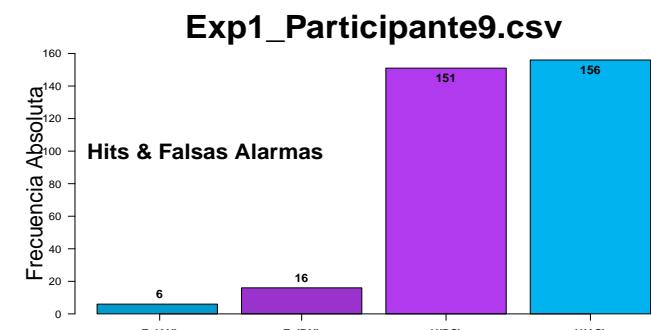
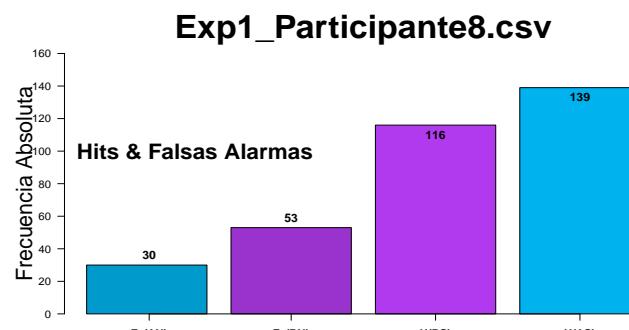
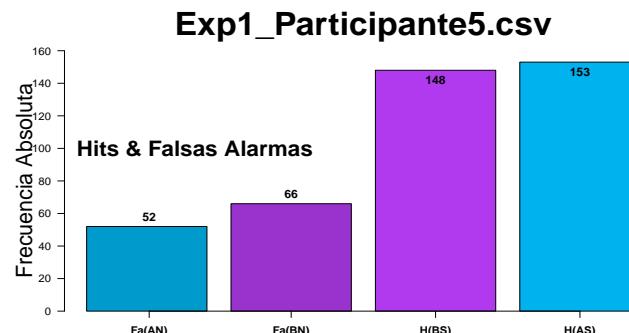
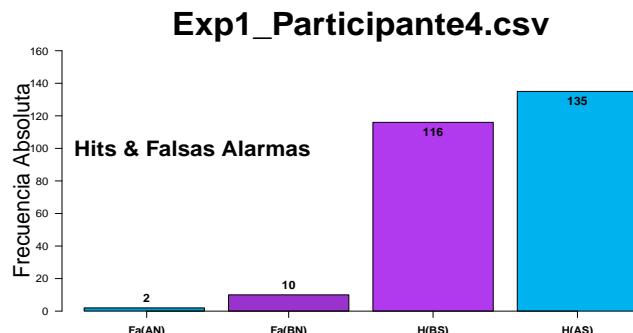
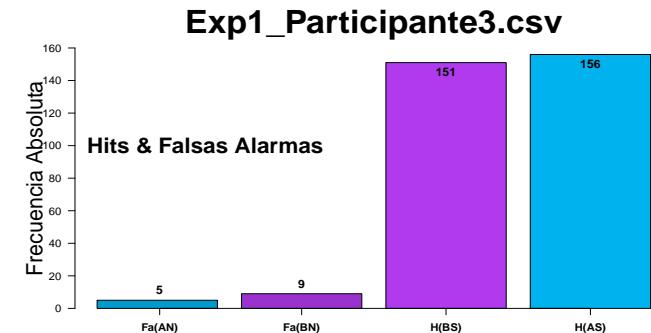
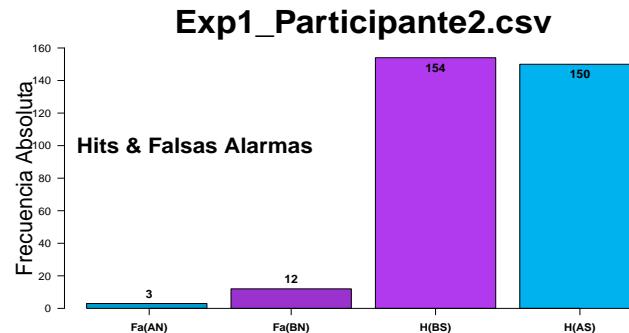
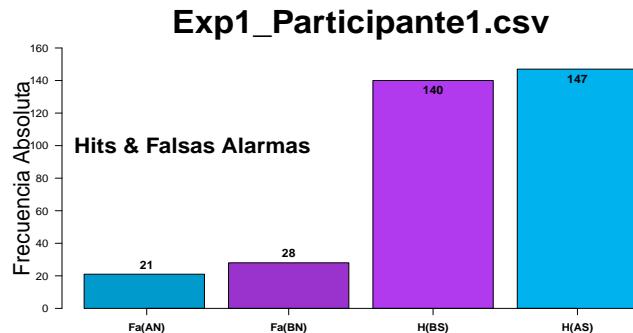
**Exp2\_Participante21.csv**

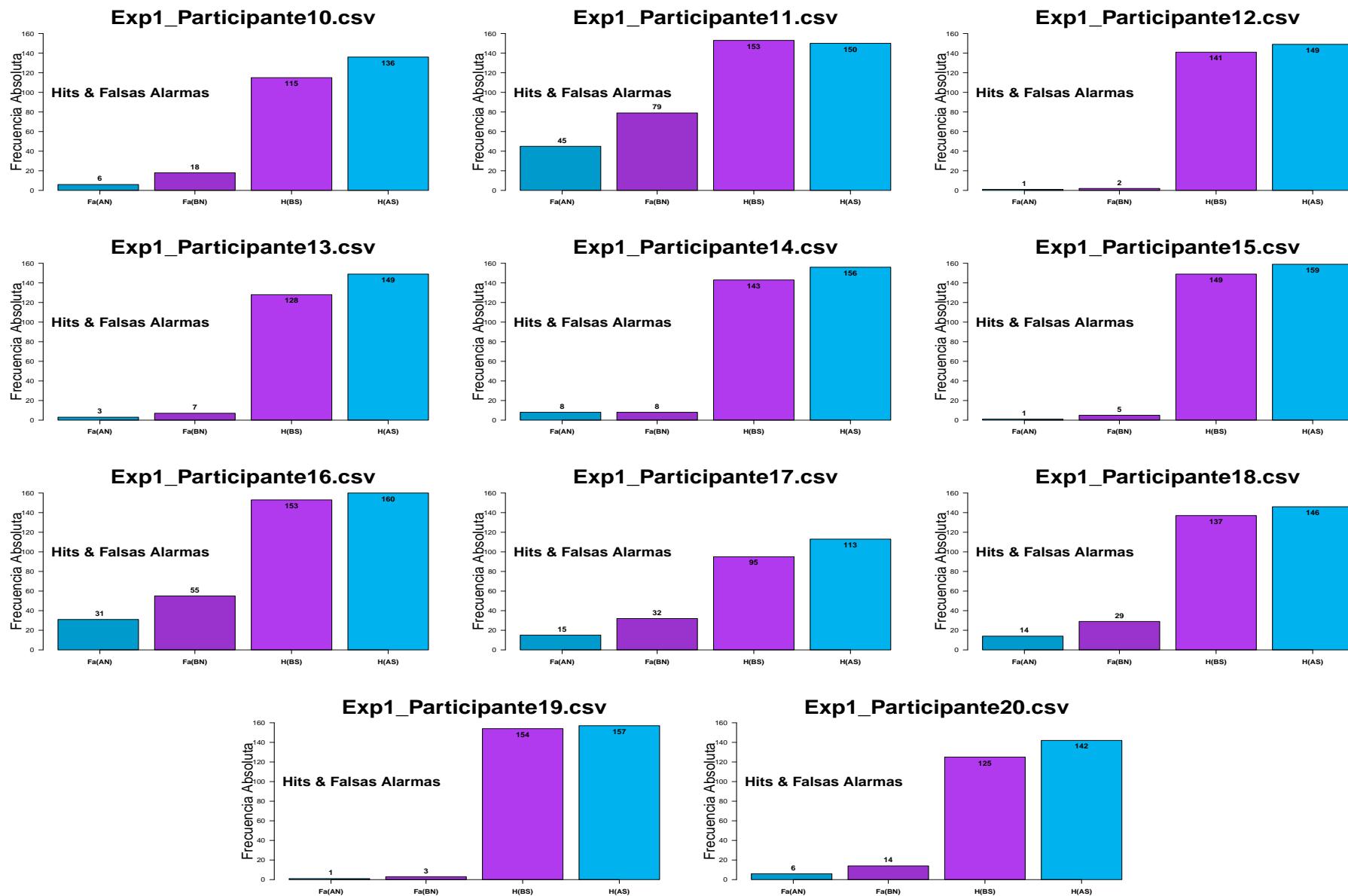


# Evidencia del Efecto Espejo en la tarea binaria

(COMPROBANDO QUE  $FA(A) < FA(B) < H(B) > H(A)$ )

## Experimento 1



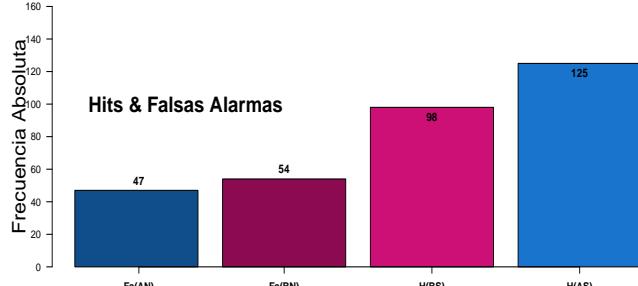


# Evidencia del Efecto Espejo en la tarea binaria

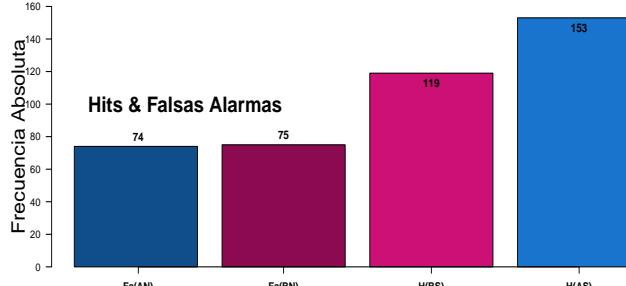
(COMPROBANDO QUE  $FA(A) < FA(B) < H(B) > H(A)$ )

## Experimento 2

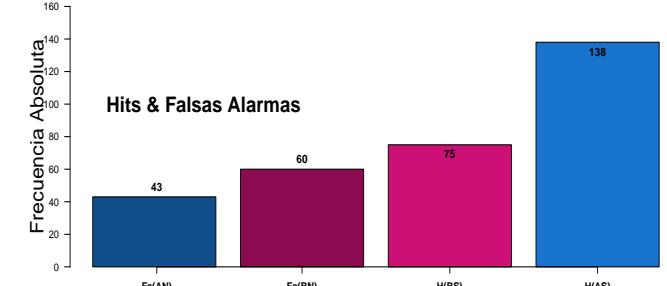
Exp2\_Participante1.csv



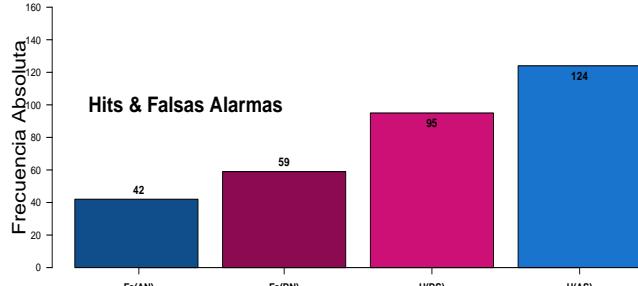
Exp2\_Participante2.csv



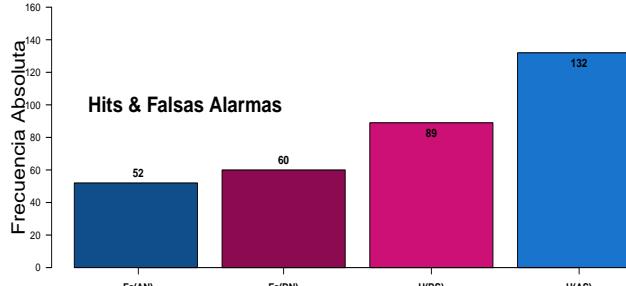
Exp2\_Participante3.csv



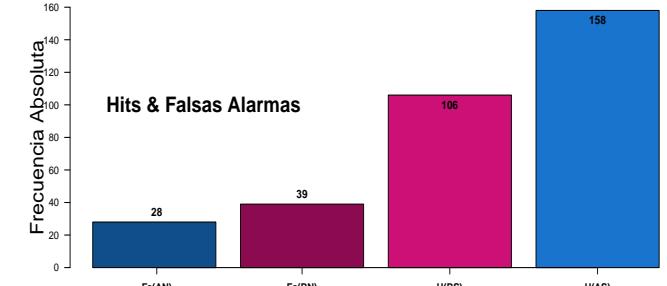
Exp2\_Participante4.csv



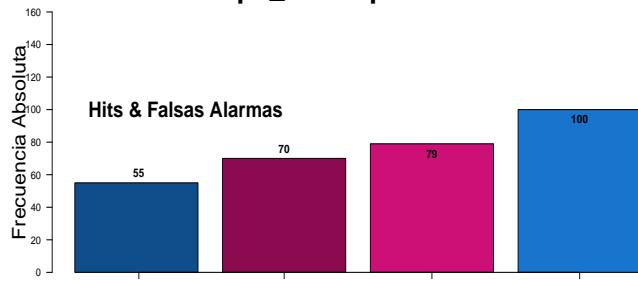
Exp2\_Participante5.csv



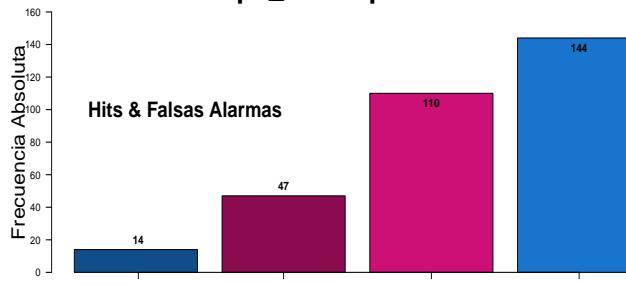
Exp2\_Participante6.csv



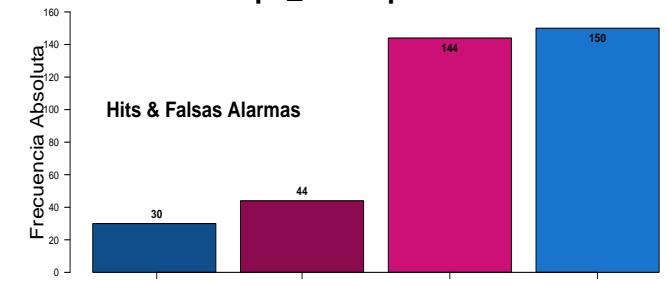
Exp2\_Participante7.csv

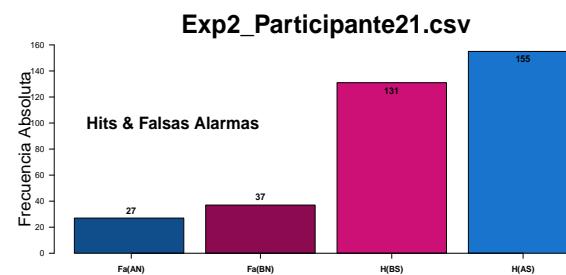
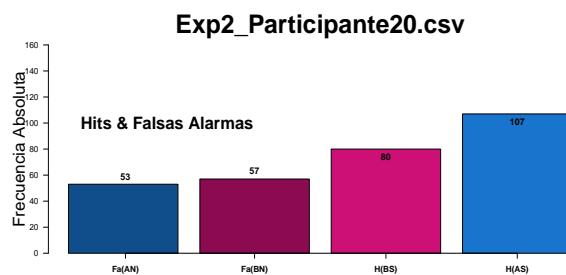
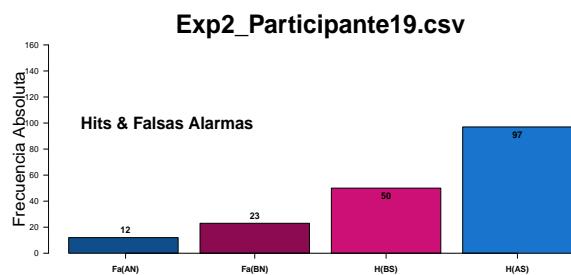
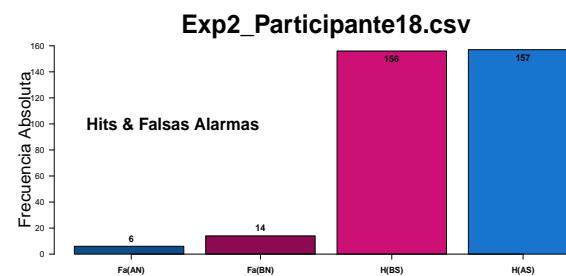
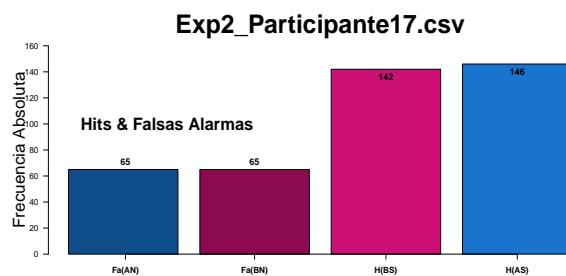
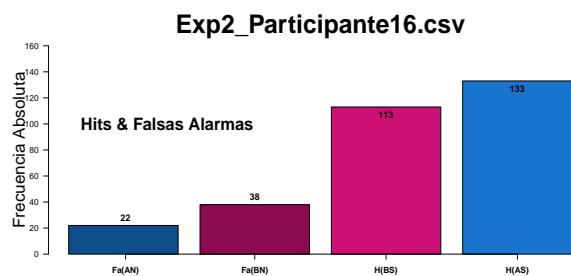
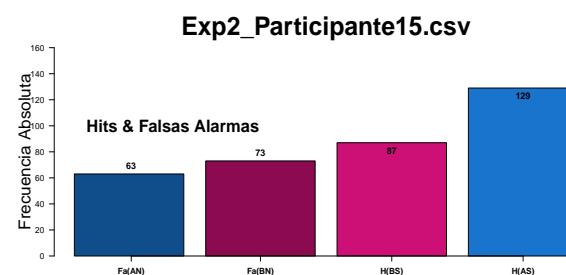
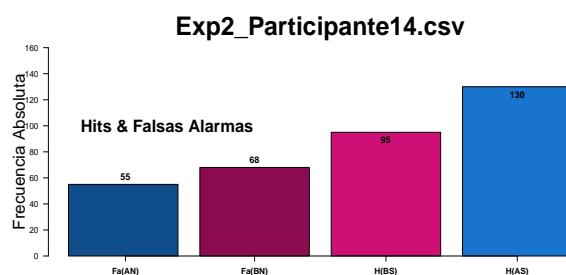
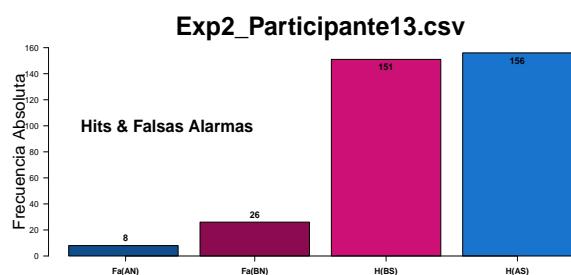
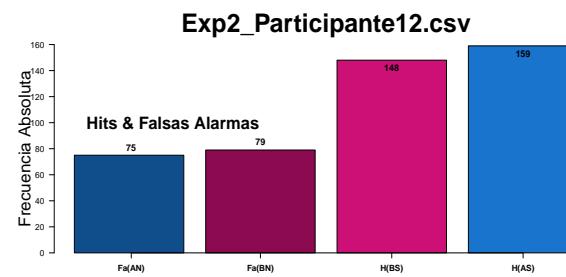
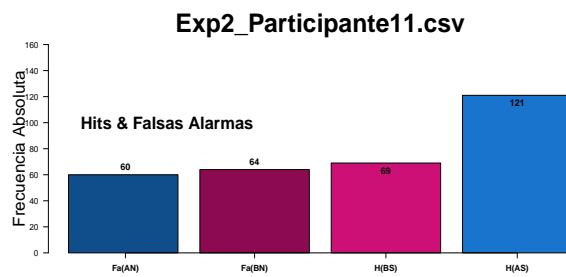
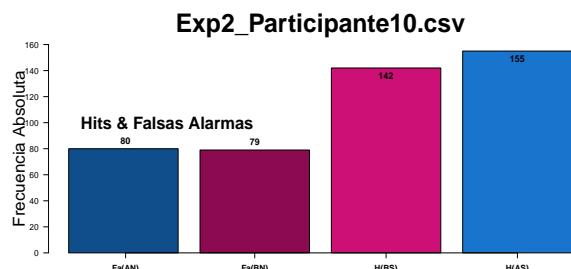


Exp2\_Participante8.csv



Exp2\_Participante9.csv

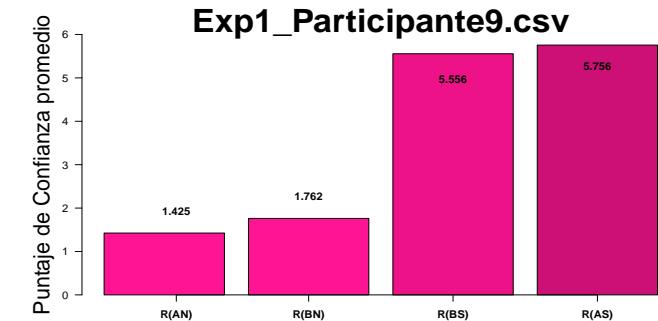
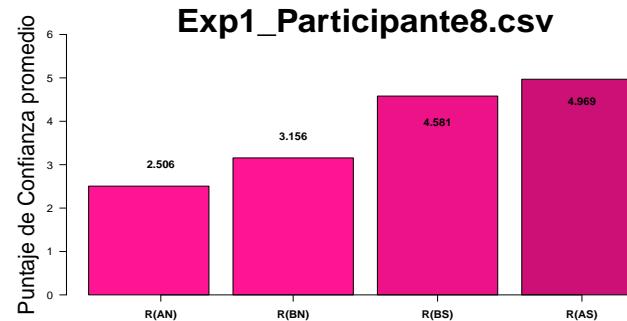
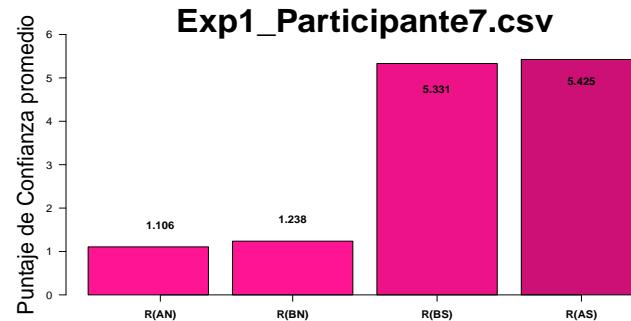
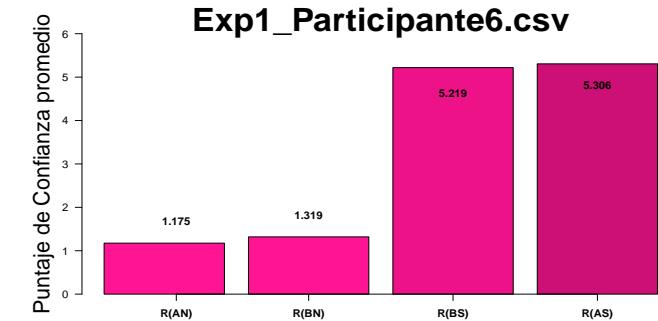
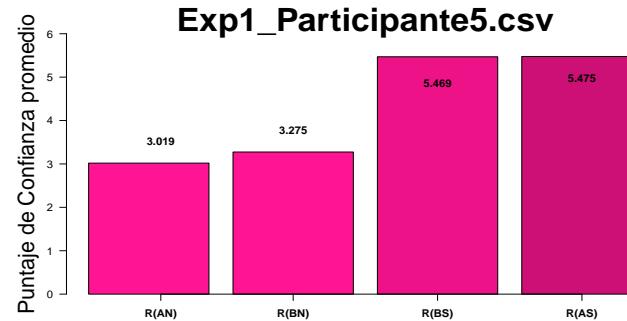
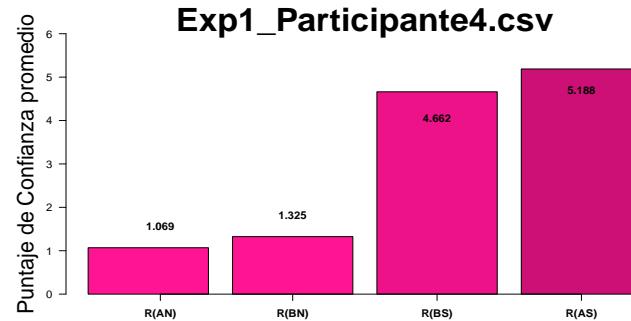
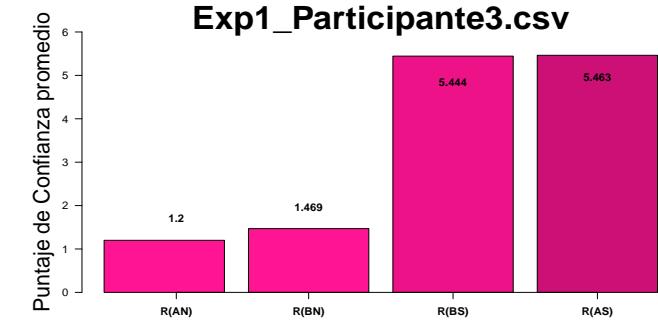
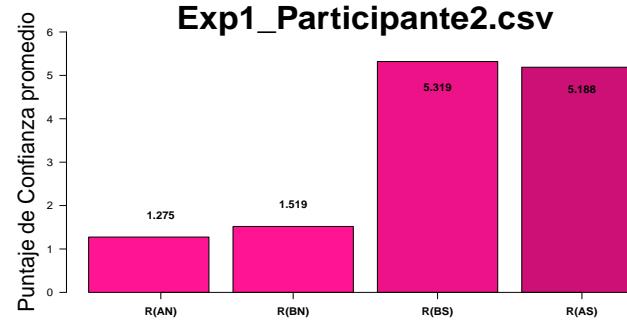
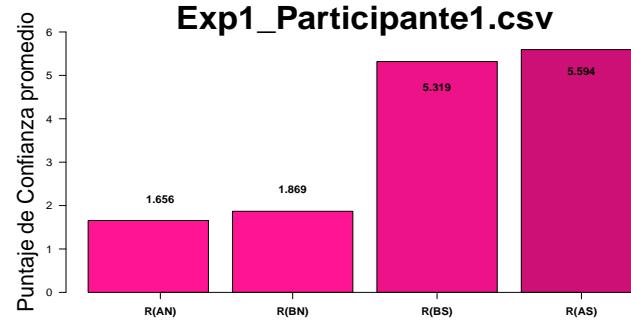


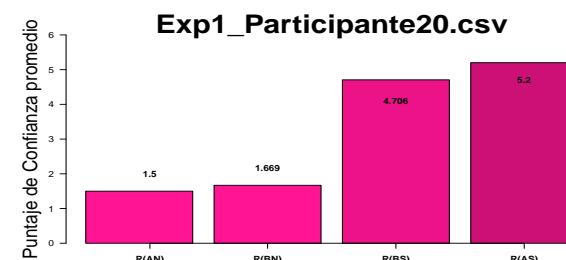
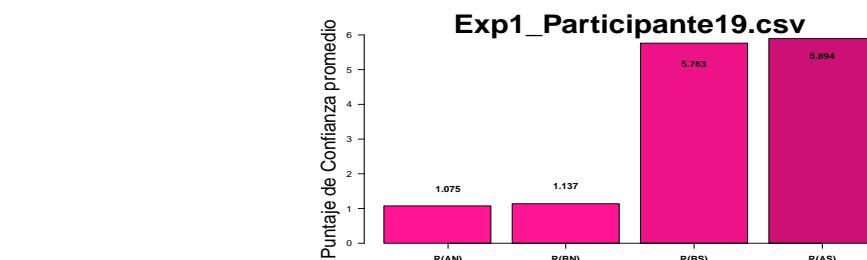
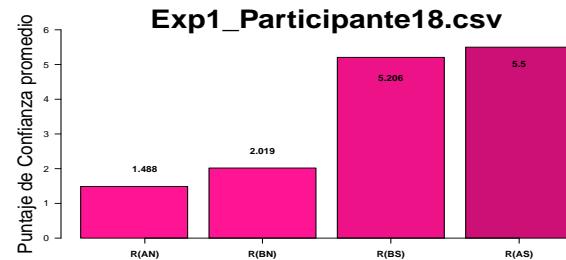
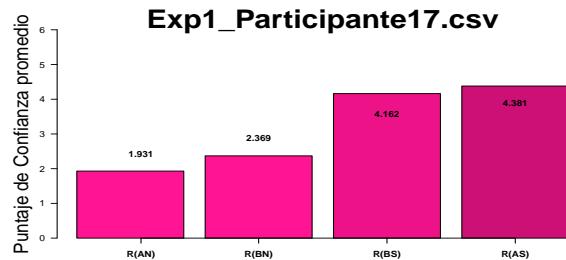
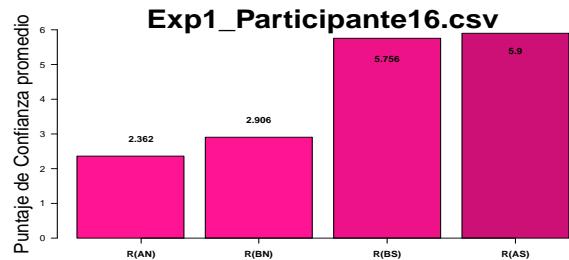
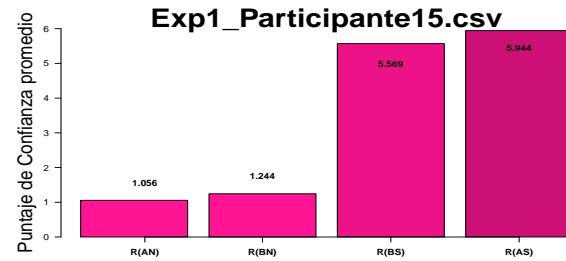
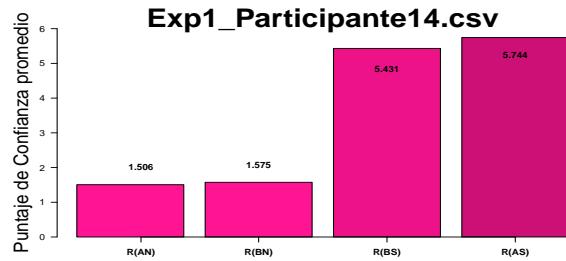
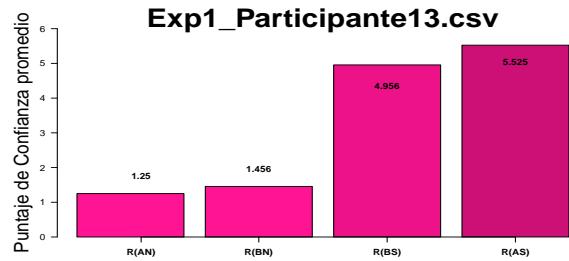
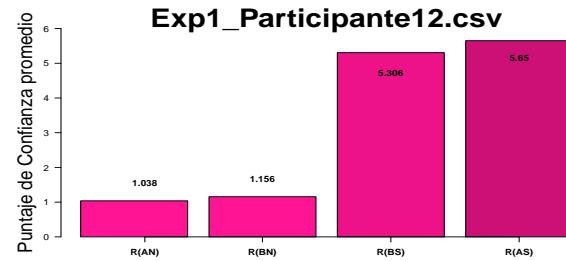
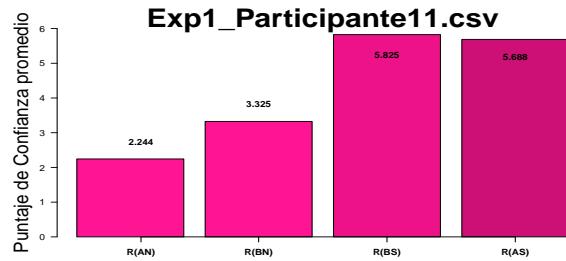
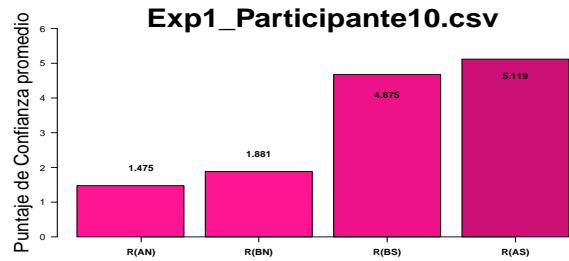


# Evidencia del Efecto Espejo en la Escala de Confianza

(COMPROBANDO QUE  $R(AN) < R(BN) < R(BS) > R(AS)$ )

## *Experimento 1*





# Evidencia del Efecto Espejo en la Escala de Confianza

(COMPROBANDO QUE  $R(AN) < R(BN) < R(BS) > R(AS)$ )

## Experimento 2

