```
Clear workspace
Loading local-lib.R
----------------------------------------------------------------------
Read data of Experiment 1 / Indirect Task: Experiment1_indirectTask.dat
----------------------------------------------------------------------
Excluding too fast/slow responses:
    Total no. trials:     4993
    Too early trials:        0
    Too late  trials:       14
----------------------------------------------------------------------
Excluding trials with wrong response:
    Total no. trials:     4979
    Correct trials:       4608
    Error    trials:       371
----------------------------------------------------------------------
Aggregate data for each participant
Working on participant:        100
Working on participant:        101
Working on participant:        102
Working on participant:        103
Working on participant:        104
Working on participant:        105
Working on participant:        200
Working on participant:        201
Working on participant:        202
Working on participant:        203
Working on participant:        204
Working on participant:        205
Working on participant:        206
Working on participant:        207
Working on participant:        208
Working on participant:        209
Working on participant:        210
Working on participant:        211
    ...number of participants, indirect task:        18
----------------------------------------------------------------------
Aggregated results for each participant, indirect task:
----------------------------------------------------------------------
```

	part	conN	inconN	conRTmean	inconRTmean	conRTsd	inconRTsd	RTdiff	dprime	medianPCorr
1	100	128	128	434.2812	454.2969	58.96081	53.83737	20.015625	0.55538088	60.93750
2	101	128	128	465.5703	476.1797	109.71191	83.50826	10.609375	0.19614430	53.90625
3	102	128	128	575.3203	585.8750	107.35253	118.61497	10.554688	0.15682483	53.12500
4	103	128	128	482.4688	492.8906	85.61578	88.27259	10.421875	0.07835217	51.56250
5	104	128	128	444.2969	471.1797	62.79267	71.75982	26.882812	0.59632980	61.71875
6	105	128	128	421.6641	424.8438	93.04027	79.82426	3.179688	0.15682483	53.12500
7	200	128	128	490.7656	501.0156	107.18763	87.60074	10.250000	0.09795902	51.95312
8	201	128	128	476.7812	472.1484	94.09904	81.96831	-4.632812	0.00000000	50.00000
9	202	128	128	532.5781	517.9141	100.21666	88.79030	-14.664062	-0.09795902	48.04688
10	203	128	128	509.7266	518.1406	84.20763	88.87439	8.414062	0.27508056	55.46875
11	204	128	128	432.6953	445.4375	84.96665	78.74245	12.742188	0.23553975	54.68750
12	205	128	128	442.2031	457.9688	80.35672	70.05824	15.765625	0.43421389	58.59375
13	206	128	128	525.6797	520.6562	111.46469	96.62627	-5.023438	0.15685509	53.12500
14	207	128	128	375.0625	406.1484	43.81974	53.42801	31.085938	0.80450013	65.62500
15	208	128	128	487.7734	501.2266	80.54746	80.14644	13.453125	0.23553975	54.68750
16	209	128	128	435.1953	453.2656	67.71327	82.59125	18.070312	0.07835217	51.56250
17	210	128	128	445.3750	458.5859	68.47944	58.78823	13.210938	0.25528328	55.07812
18	211	128	128	401.3438	423.9531	58.13674	51.52659	22.609375	0.57579285	61.32812

```
-------------------------------------------------------------------
RT-difference betw. congruent and incongruent conditions:
-------------------------------------------------------------------
Mean RTcongruent:                      465.49 ms
Mean RTincongruent:                    476.76 ms
Mean of RTdiff:                        11.275 ms
SD of RTdiff:                          11.339 ms
SEM of RTdiff:                         2.6727 ms
t-test of RTdiff against zero:         t(17) = 4.2184  p =  0.00057818
-------------------------------------------------------------------
Sensitivity dprime (indirect task):
-------------------------------------------------------------------
Mean   dprime:                         0.26617
SD     dprime:                         0.2366
SEM    dprime:                         0.055768
Median dprime:                         0.21584
t-test  dprime against 0:              t(17) = 4.7728  p =  0.00017674
-------------------------------------------------------------------
-------------------------------------------------------------------
Median Classifier percent correct (indirect task):
-------------------------------------------------------------------
Mean   medianPCorr:                    55.252
SD     medianPCorr:                    4.6243
SEM    medianPCorr:                    1.09
Median medianPCorr:                    54.297
t-test medianPCorr against 0:          t(17) = 4.7728  p =  0.00017674
-------------------------------------------------------------------
-------------------------------------------------------------------
Read data of Experiment 1 / Direct Task: Experiment1_directTask.dat
-------------------------------------------------------------------
Excluding too fast/slow responses:
   Total no. trials:     4608
   Too early trials:        3
   Too late  trials:      110
-------------------------------------------------------------------
Aggregate data for each participant
Working on participant:      100
Working on participant:      101
Working on participant:      102
Working on participant:      103
Working on participant:      104
Working on participant:      105
Working on participant:      200
Working on participant:      201
Working on participant:      202
Working on participant:      203
Working on participant:      204
Working on participant:      205
Working on participant:      206
Working on participant:      207
Working on participant:      208
Working on participant:      209
Working on participant:      210
Working on participant:      211
...number of participants, direct task:       18
-------------------------------------------------------------------
Aggregated results for each participant, direct task:
-------------------------------------------------------------------
   part Ntrials    PCorr      dprime
1  100     256 55.07812  0.26626540
2  101     246 56.09756  0.30714764
3  102     256 52.73438  0.13719535
4  103     208 51.44231  0.07281468
```

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5    104      256 55.46875  0.31079246
6    105      247 56.68016  0.33680568
7    200      234 52.56410  0.13001858
8    201      256 52.73438  0.13719535
9    202      255 48.62745 -0.06894740
10   203      255 47.45098 -0.12763865
11   204      256 60.54688  0.55299399
12   205      256 53.51562  0.18112596
13   206      253 49.40711 -0.02910919
14   207      249 56.22490  0.34345380
15   208      255 52.54902  0.12780670
16   209      254 55.90551  0.30596984
17   210      247 53.03644  0.15344320
18   211      256 64.06250  0.91314727
-----------------------------------------------------------------------
Percent-correct (direct task):
-----------------------------------------------------------------------
Mean PCorr:                          54.118
SD of PCorr:                          4.024
SEM of PCorr:                        0.94846
t-test of PCorr against chance       t(17) = 4.3419  p =  0.00044319
-----------------------------------------------------------------------
dprime (direct task):
-----------------------------------------------------------------------
Mean dprime:                         0.22503
SD of dprime:                         0.2388
SEM of dprime:                       0.056286
t-test of dprime against zero        t(17) = 3.9979  p =  0.00093143
-----------------------------------------------------------------------
-----------------------------------------------------------------------
Perform sensitivity analysis comparing both tasks(ITA check) :
-----------------------------------------------------------------------
difference in dprime (indirect-direct):
-----------------------------------------------------------------------
Mean dprime difference:              0.041141
SD of dprime difference:              0.23791
SEM of dprime difference:            0.056076
t-test of dprime difference against zero   t(17) = 0.73366  p =  0.47316
```