# S4 Appendix. All DCRPs and ANOVA results

In the Results section we reported that all mentioned DCRPs were found to be coupled at above chance levels. Below we report all respective DCRPs together with each a 2 (profiles; coupled behaviors vs. randomized baseline) × 43 (lags) mixed-design analysis of variance (ANOVA; with lag as the repeated measures factor). Each comparison of a profile to its randomized baseline shows the same pattern of a significant main effect for both profile and lag as well as an interaction of both. This means that all DCRPs under investigation were coupled at above chance levels and to varying degrees across lags.
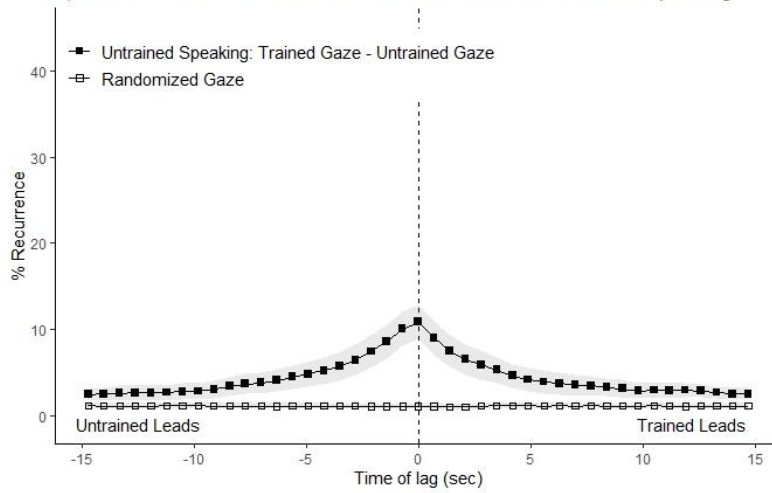
Measure	Effect	*df*	*F*
1) tr_gaze_utr_gaze | tr_speaking	Lags	42	74.93***
	Profiles	1	1478.29***
	Lags:Profiles	42	7.01***
2) tr_gaze_utr_gaze | utr_speaking	Lags	42	39.14***
	Profiles	1	1075.84***
	Lags:Profiles	42	11.23***
3) tr_point_tr_gaze	Lags	42	15.66***
	Profiles	1	636.86***
	Lags:Profiles	42	2.98***
4) utr_point_utr_gaze	Lags	42	8.86***
	Profiles	1	575.33***
	Lags:Profiles	42	2.39***
5) tr_point_utr_gaze	Lags	42	12.52***
	Profiles	1	677.47***
	Lags:Profiles	42	2.64***
6) utr_point_tr_gaze	Lags	42	8.86***
	Profiles	1	575.33***
	Lags:Profiles	42	2.39***

Note. tr = trained, utr = untrained. *** $p < .001$

1) DCRP of Trained Gaze and Untrained Gaze while Trained Speaking

- Trained Speaking: Trained Gaze - Untrained Gaze
- Randomized Gaze
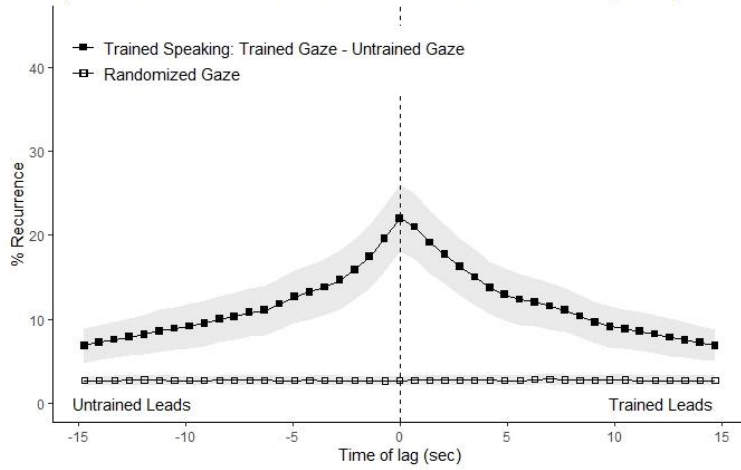
2) DCRP of Trained Gaze and Untrained Gaze while Untrained Speaking

- Untrained Speaking: Trained Gaze - Untrained Gaze
- Randomized Gaze

3) DCRP of Trained Pointing and Trained Looking

- Trained Pointing - Trained Gaze
- Randomized Gaze

4) DCRP of Untrained Pointing and Untrained Looking

5) DCRP of Trained Pointing and Untrained Looking

6) DCRP of Untrained Pointing and Trained Looking