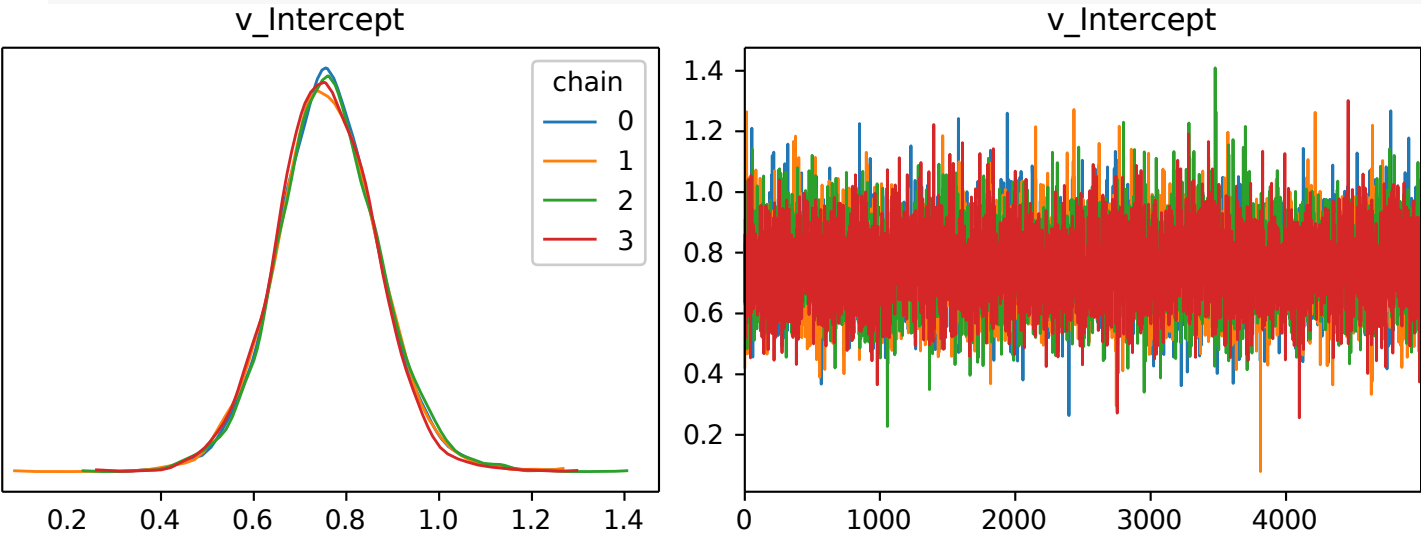## A

```
axes = az.plot_trace(m4_infdata, var_names=["v_Intercept"],
compact = False, legend=True, figsize = [10, 3])
```


B

```
summary_tmp = az.summary(m4_infdata, kind = "diagnostics",
round_to=4)
summary_tmp.sort_values('r_hat', ascending=False).head(10)
```

	mcse_mean	mcse_sd	ess_bulk	ess_tail	r_hat
z_subj.10	0.0007	0.0005	559.6614	1508.8663	1.0137
z_std	0.0017	0.0012	231.4752	162.3132	1.0118
z_subj.9	0.0005	0.0004	720.1698	1515.1079	1.0088
z_subj.5	0.0005	0.0004	690.6138	1399.5685	1.0082
z_subj.6	0.0005	0.0004	800.6655	2042.2894	1.0081
z	0.0004	0.0003	507.1598	1668.9164	1.0050
z_subj.8	0.0004	0.0003	931.8502	3861.8206	1.0050
z_subj.12	0.0004	0.0003	973.4637	4366.5704	1.0050
z_subj.1	0.0005	0.0003	936.9064	4326.4901	1.0043
v_Intercept_su bj.10	0.0019	0.0014	2738.3745	6198.5123	1.0042