

Survey comparison: Mar 11, 2018

	<i>Control</i>	<i>no ARs</i>	<i>no ZB</i>	<i>no activity</i>	<i>no act / control</i>
Number of stars	100	100	100	100	1
$\langle N_{\text{RV}} \rangle$	198.1	198.1	198.2	198.1	1
median(σ_{RV})	1.33 m/s	1.34 m/s	1.33 m/s	1.33 m/s	1
Total observing time***	1100 hrs	1100 hrs	1101 hrs	1100 hrs	1
Average sensitivity	44.9%**	48.8%**	48.2%**	54.3%**	1.21
Sensitivity to Earth-like* planets	33.5%**	39.2%**	38.7%**	44.0%**	1.31
Sensitivity to imagable Earth-like planets	33.7%**	38.5%**	37.9%**	43.0%**	1.28
Total planet yield	81.0	85.9	84.4	96.3	1.19
Total yield of Earth-like planets	7.6	9.1	8.6	10.5	1.38
Total yield of imagable Earth-like planets	4.7	5.9	5.7	7.0	1.49

*Earth-like \equiv 1-5 M_{\oplus} in HZ

**rough sensitivity estimate

*** $\sum_{i=1}^{N_*} N_{\text{RV},i} \cdot (t_{\text{exp},i} + t_{\text{overhead}})$ where $t_{\text{overhead}} = 0$ s