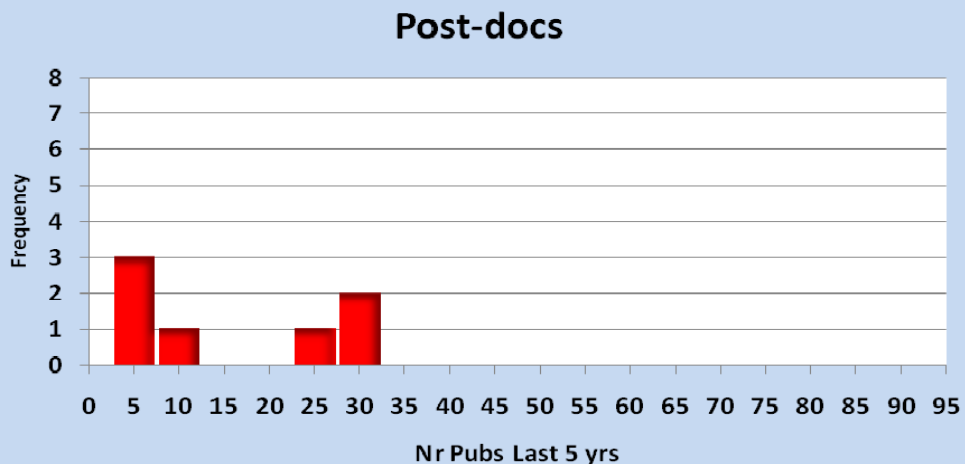
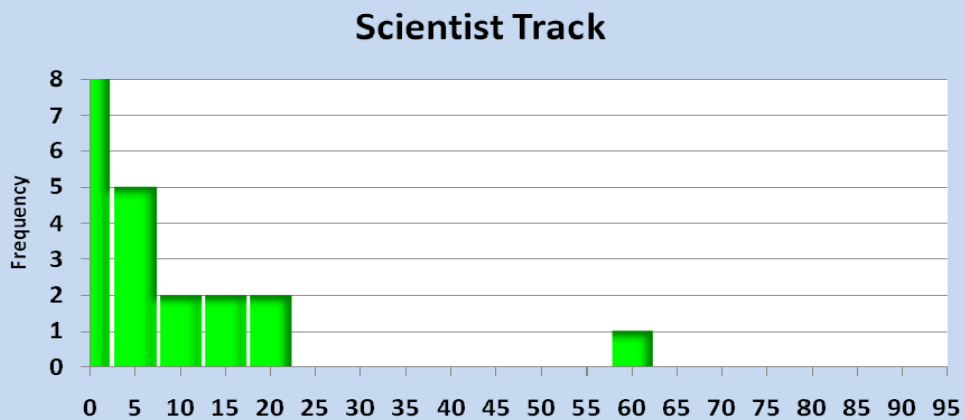
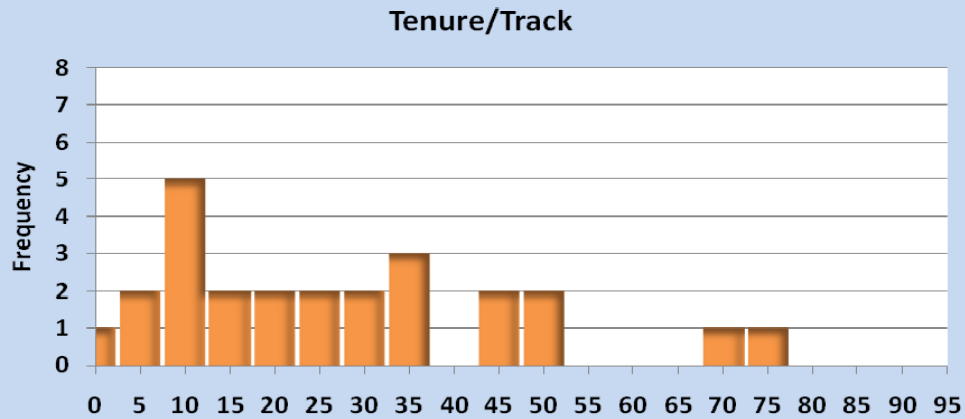


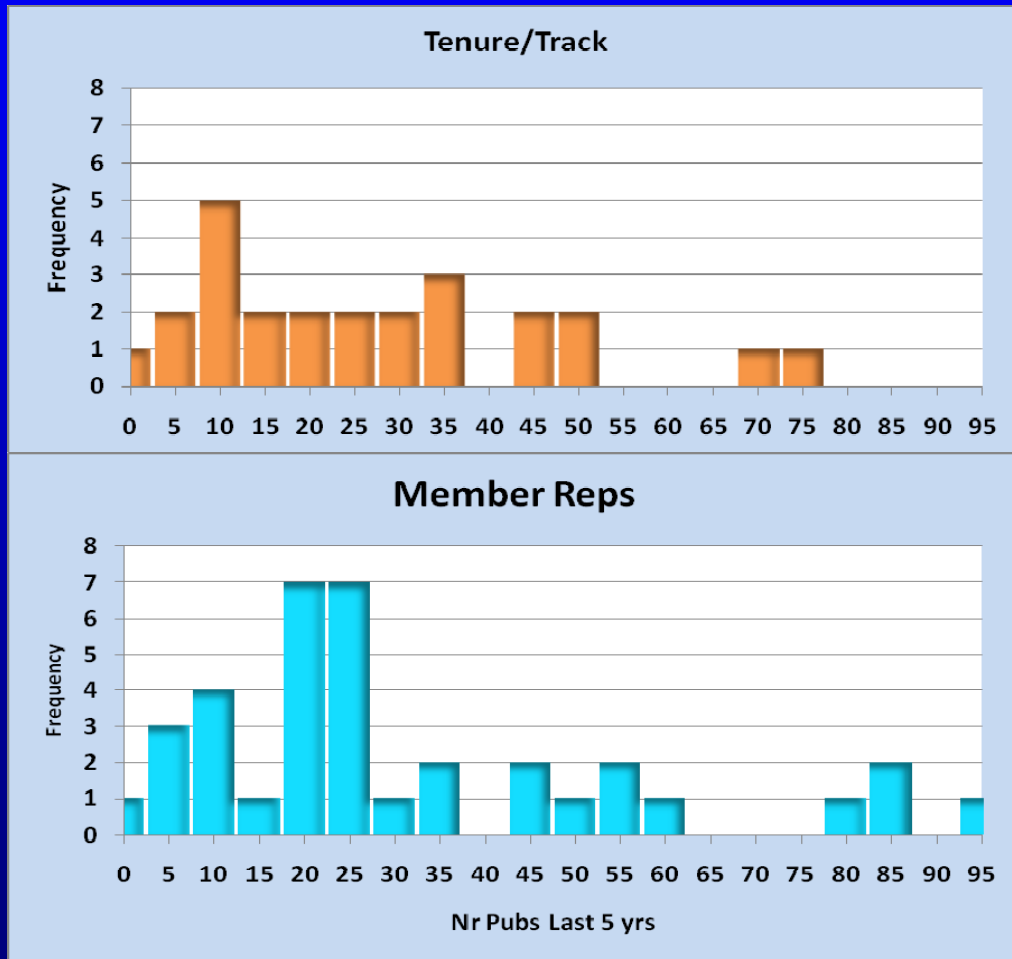
Paper Statistics Ia. Publications in last 5 years



- Average value of recent publication rates correlates with service loads: (TT, Sci, PD = 27, 8, 17)
- (Note: some post-docs received their degrees within the last 5 years, so their pub rates during this period are low)



Paper Statistics Ib. Publications (last 5 yrs): NOAO TT vs Member Reps

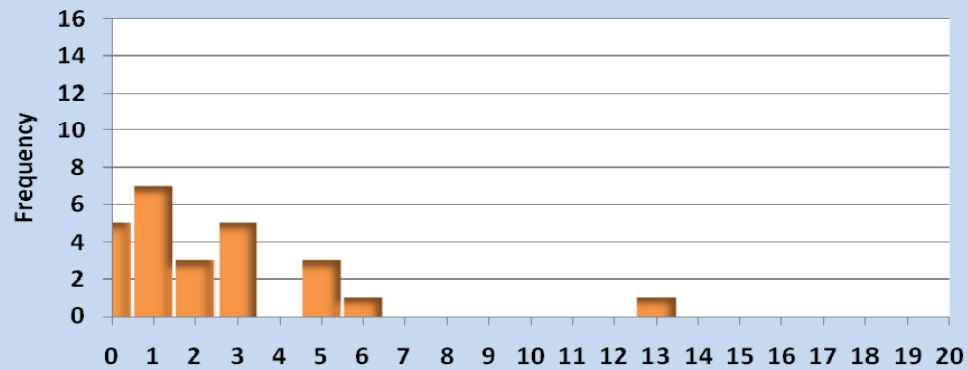


- Values are similar for NOAO vs AURA Member Reps
 - Avg = 27, 33
 - Med = 23, 24
- Dispersion for Mem Reps is higher (20 vs 30)
- Probability that the NOAO TT distribution differs from the Mem Rep distribution: 17% ($\sim 0.2\sigma$)

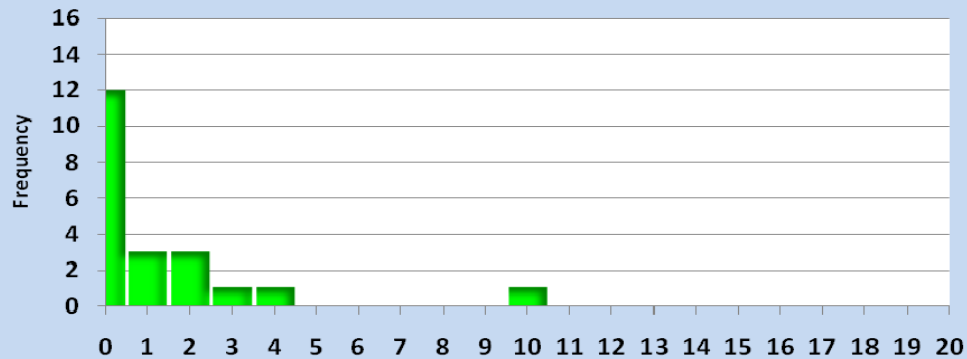
Paper Statistics IIa. First Author papers in last 5 years

- Average value of first author papers correlates with service loads:
(TT, Sci, PD = 2.5, 1.2, 3.6)

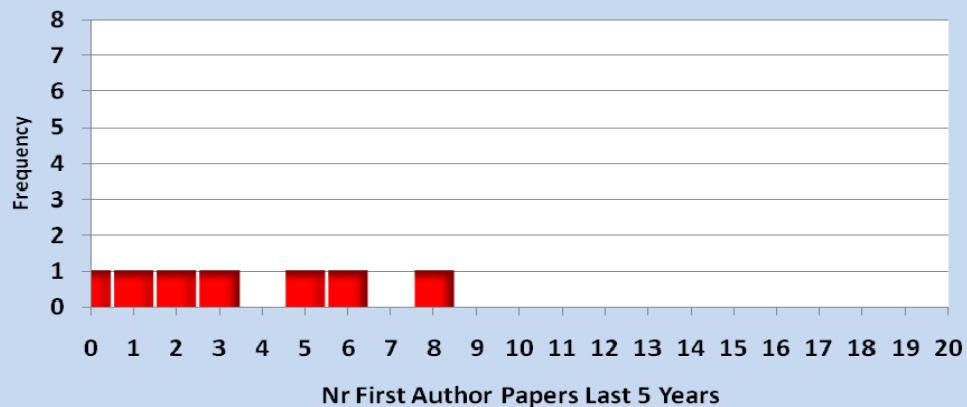
Tenure/Track



Scientist Track

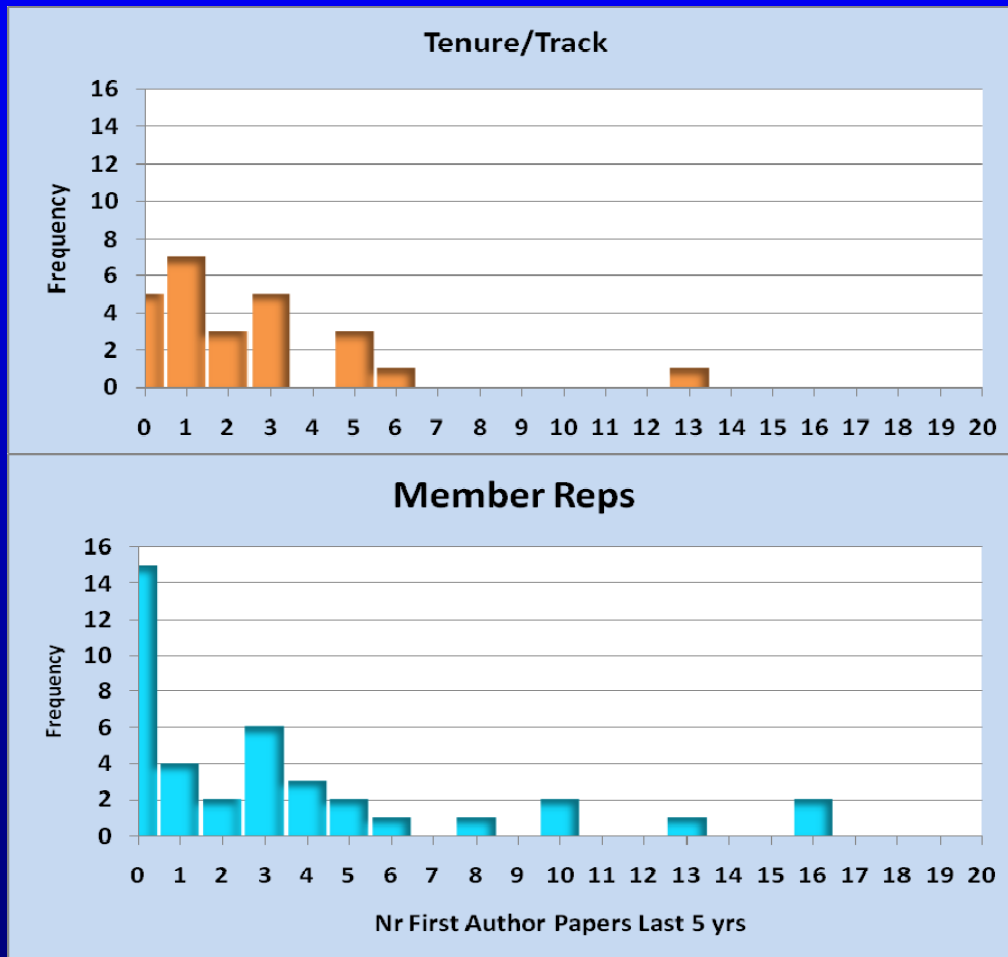


Post-docs





Paper Statistics IIb. First Author papers (last 5 yrs): NOAO TT vs Member Reps

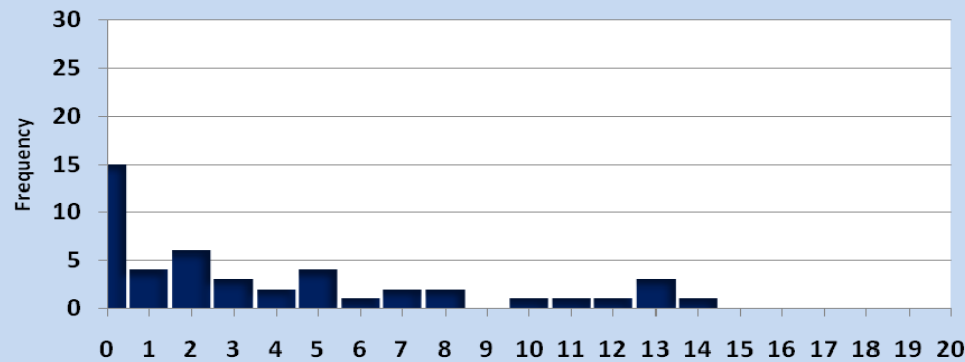


- Values are different for NOAO vs Mem Reps
 - Avg = 2.5, 3.3
 - Med = 2, 2
- Dispersion for Mem Reps is higher (2.8 vs 4.4)
- Probability that the NOAO TT distribution differs from the Mem Rep distribution: 98.5% ($\sim 2.4\sigma$)

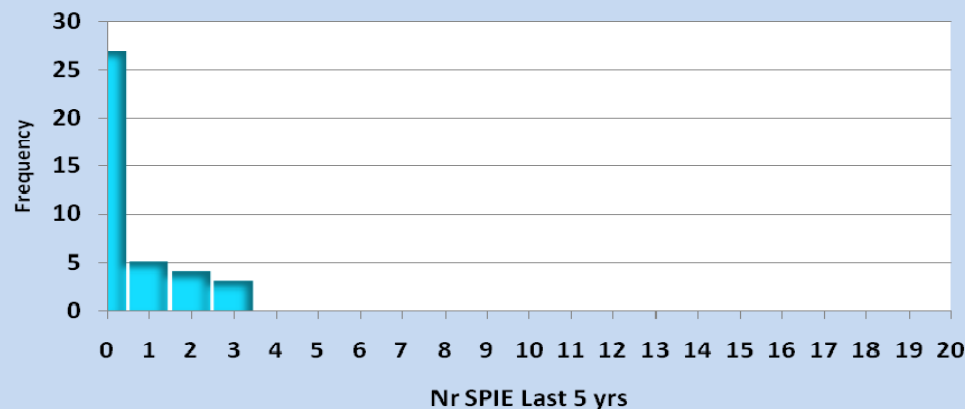


Paper Statistics III. SPIE papers (last 5 yrs): NOAO TT+SCI vs Member Reps

NOAO TT + Sci



Member Reps

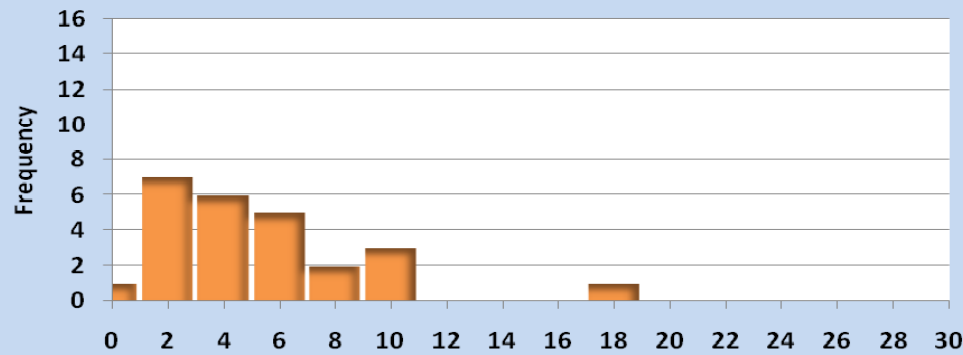


- Values are different for NOAO vs Mem Reps
 - Avg = 3.8, 0.6
 - Med = 2, 0
- Dispersion for NOAO is higher (4.3 vs 1.0)
- Probability that the NOAO TT+Sci distribution differs from the Mem Rep distribution: 99.9% ($\sim 3.3\sigma$)

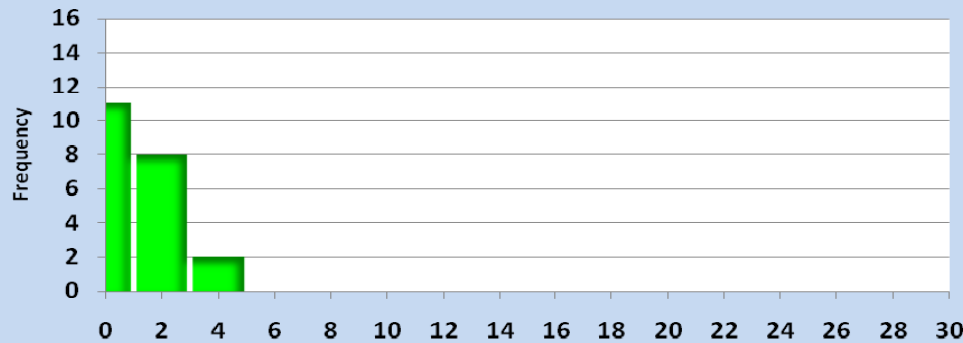
Paper Statistics IVa. Citations

- Average value of first author papers correlates with age and service load:
(TT, Sci, PD = 4600, 802, 334)

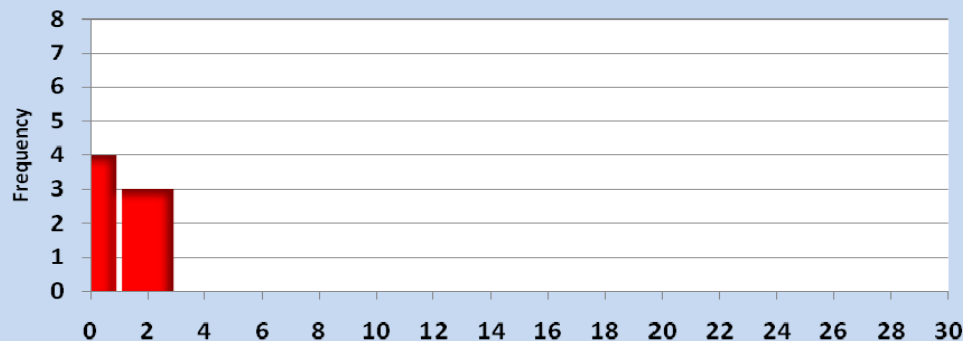
Tenure/Track



Scientist Track



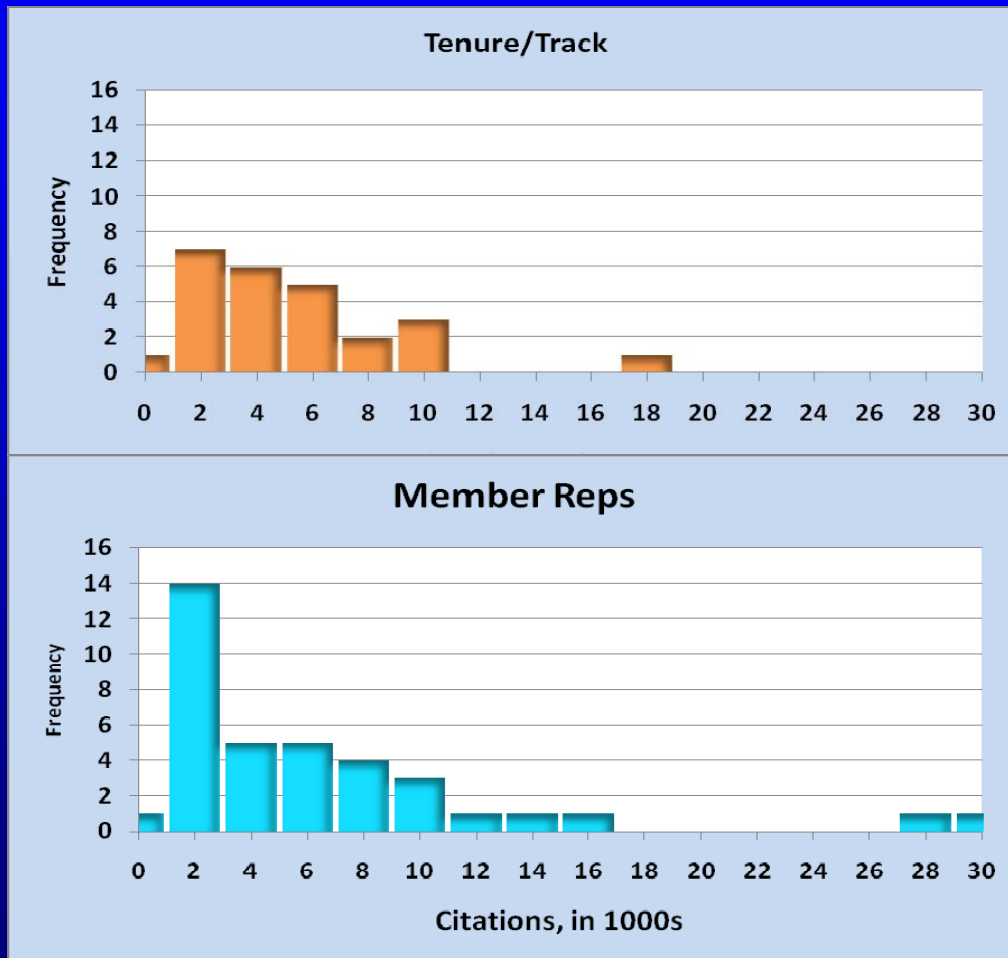
Post-docs



Citations, in 1000s



Paper Statistics IVb. Citations: NOAA TT vs Member Reps

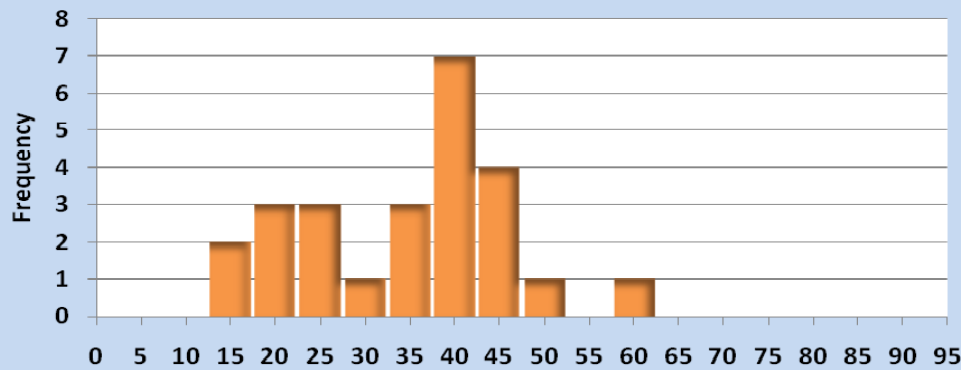


- Values are similar for NOAA vs Mem Reps
 - Avg = 5091, 6412
 - Med = 4600, 4284
- Dispersion for Mem Reps is higher (4007, 6620)
- Probability that the NOAA TT distribution differs from the Mem Rep distribution: 10.8% ($\sim 0.14\sigma$)

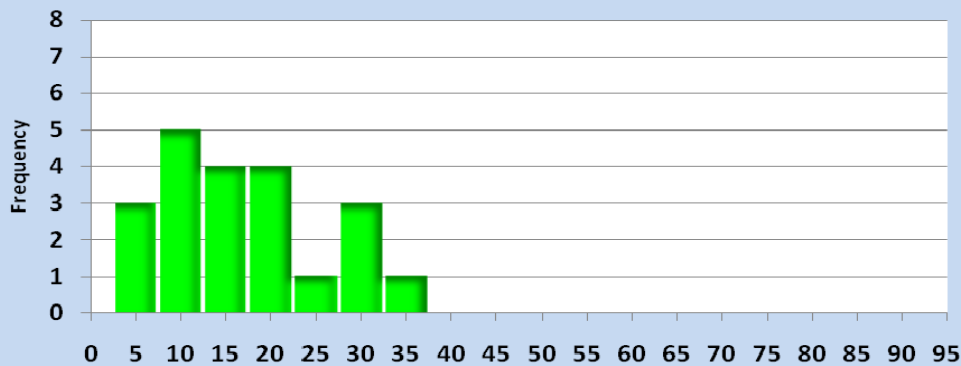
Paper Statistics Va. H-Index

- Average value of H-index correlates with age:
(TT, Sci, PD = 35, 17, 13)

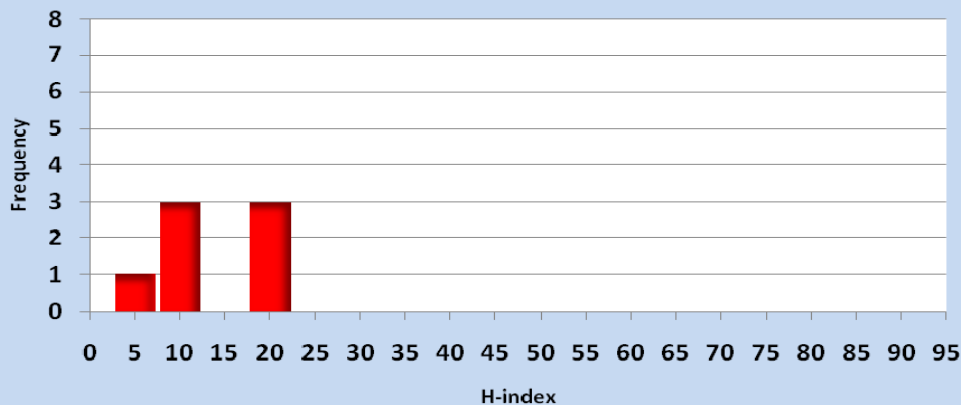
Tenure/Track



Scientist Track

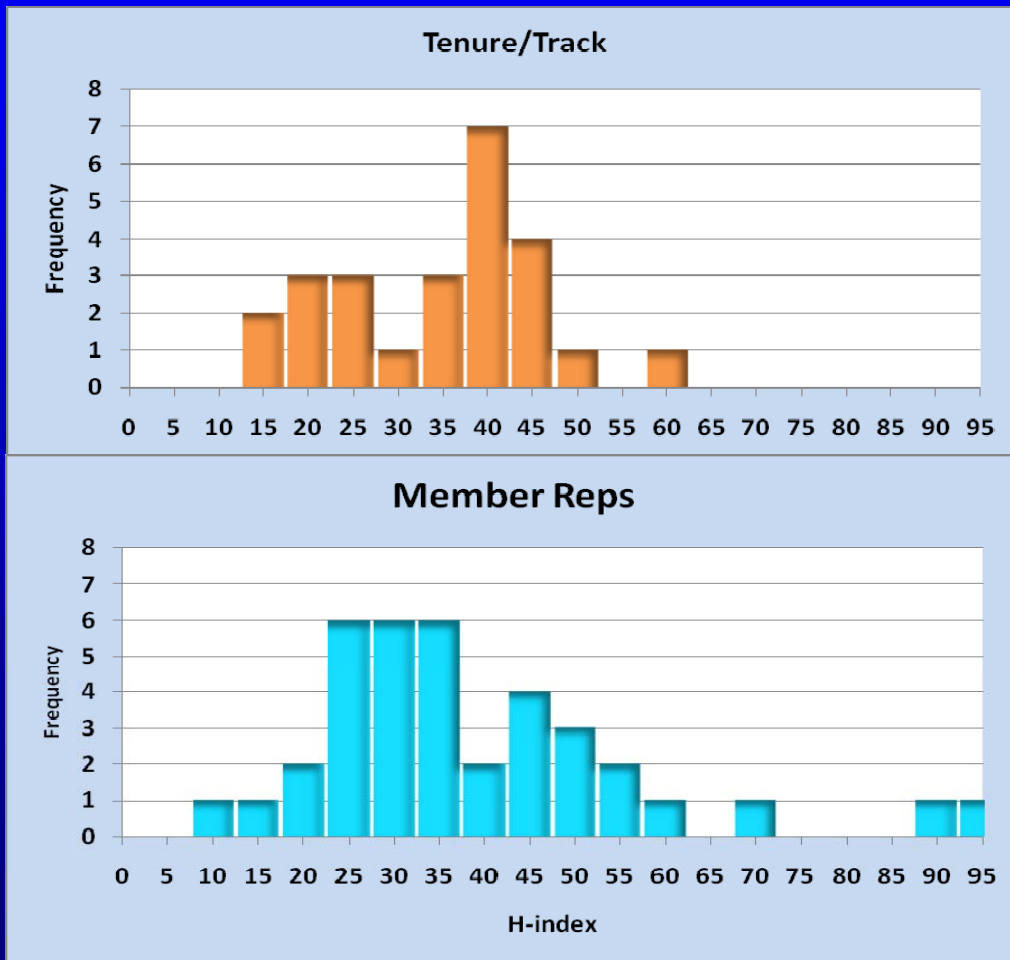


Post-docs





Paper Statistics Vb. H-Index: NOAA TT vs Member Reps



- Values are similar for NOAA vs Mem Reps
 - Avg = 35, 39
 - Med = 40, 34
- Dispersion for Mem Reps is higher (12 vs 18)
- Probability that the NOAA TT distribution differs from the Mem Rep distribution: 29% ($\sim 0.37\sigma$)